DECK LIGHTING

FORTRESS ™
— **RAILING** PRODUCTS —
A division of THE FORTRESS COMPANY

DEKOR ™

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Aurora *
DECK LIGHTING

ADI
Absolute Distribution Inc.

Marketed and Distributed by: Absolute Distribution, Inc.
Ph: 1-800-335-5909 • Fax 1-800-203-4495 • www.absolutedist.com

ADI
Deck Lighting
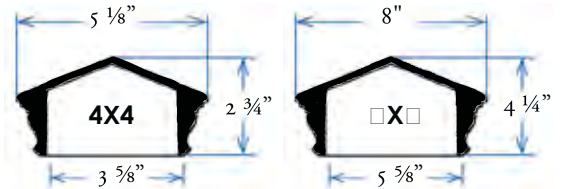
Low Voltage Lighting

Eclipse L.E.D. Pyramid - Black

Sold in any quantity.

Aluminum Pyramid top with four LED down lights draws 1.5 watts total per cap, may be powered with an AC or DC output transformer. Please note that the base on this light may not be interchanged with any other sizes.

Item #: DLL-5068 - 3 5/8″ X 3 5/8″
Item #: RLL-6058 - 4 1/16″ X 4 1/16″
Item #:*TLL-6058 - 4 5/8″ X 4 5/8″
Item #:*FLL-6058 - 5 1/8″ X 5 1/8″
Item #: DLL-8068 - 5 5/8″ x 5 5/8″

5 1/8″   8″
4X4   2 ¾″   □X□   4 ¼″
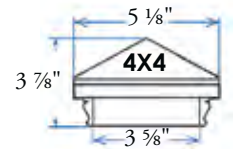3 ⅝″   5 ⅝″

Iris Anello L.E.D. Pyramid - Black

Sold in any quantity.

Aluminum Pyramid top with LED band light draws 1 watt total per cap, may be powered with an AC or DC output transformer

Item #: DLA-7058 - 3 5/8″ X 3 5/8″
Item #: RLA-7058 - 4 1/16″ x 4 1/16″
Item #: CLA-7058 - 4 3/8″ x 4 3/8″
Item #: *TLA-7058 - 4 5/8″ x 4 5/8″
Item #: *FLA-7058 - 5 1/8″ x 5 1/8″

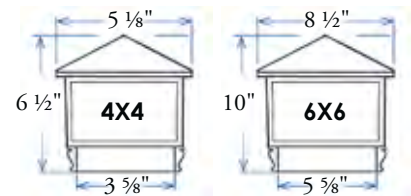5 1/8″
3 ⅞″   **4X4**
3 ⅝″

Sirius Tall Pyramid - Black

Sold in any quantity.

Aluminum Tall pyramid with frosted glass and 1 ea. 18 watt bulb (included), upgrade to an LED fixture by purchasing and **LED40** or **LED20** bulb sold separately.

Item #: DLA-6058 - 3 5/8″ X 3 5/8″
Item #:RLA-6058 - 4 1/16″ X 4 1/16″
Item #:DLA-8058 - 5 9/16″ X 5 9/16″ (+)

5 1/8″   8 ½″
6 ½″   **4X4**   10″   **6X6**
3 ⅝″   5 ⅝″

THIS CAP MAY BE USED ON MORE POST SIZES BY CHANGING THE BASE, PLEASE SEE PAGE 141 FOR MORE OPTIONS
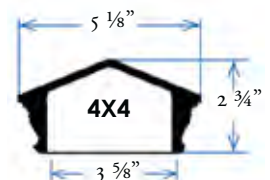(+) 5 9/16 light contains 3ea. 18 watt bulbs for a total of 54 watts per fixture

Rondi Lit - Antique Black

Sold in any quantity.

Antique Black Rondi post cap illuminated on 4 sides with 4 LED's per side and is made from high quality cast aluminum. Must use with De-kor EZ series transformers sold separately. This caps draws 1.2 watts per cap

Item #: PCLRL4S05 - 3 1/2″
Item #: PCR41L4S05 - 4 1/8″

5 1/8″
4X4   2 ¾″
3 ⅝″

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.
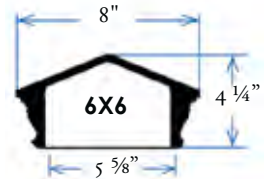
Rondi Lit - Antique Black

Sold in any quantity.

Antique Textured Black Rondi post cap illuminated on 6 sides with 4 LED's per side and is made from high quality cast aluminum. Must use with De-kor EZ series transformers sold separately. This cap draws 1.8 watts per cap

Item #: PCRL4S05 - 4 9 /16"
Item #: PCR51L4S05 - 5 1/8"
Item #: PCGL4S05 - 5 5/8"
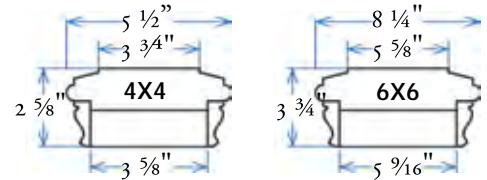**Item #: PCBKL4S05** - 6 1/16"

8" 6X6 4 ¼" 5 ⅝"

Nova L.E.D. Flat Top - Black

Sold in any quantity.

Aluminum Flat top with four LED down lights draws 1.5 watts total per cap, may be powered with an AC or DC output transformer. Please note that the base cannot be converted to any other sizes.

Item #: DLL-5038 - 3 5/8" X 3 5/8"
Item #: RLL-6048 - 4 1/16" X 4 1/16"
Item #: CLL-6048 - 4 3/8" X 4 3/8"
Item #: *TLL-6048 - 4 5/8" X 4 5/8"
Item #: *FLL-6048 - 5 1/8" X 5 1/8"
Item #: DLL-8038 - 5 1/2" x 5 1/2"

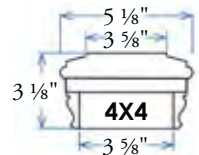5 ½" 3 ¾" 2 ⅝" 4X4 3 ⅝" 8 ¼" 5 ⅝" 3 ¾" 6X6 5 9/16"

Saturn Anello L.E.D. Flat Top - Black

Sold in any quantity.

Aluminum Flat top with LED band light draws 1 watt total per cap, may be powered with an AC or DC output transformer

Item #: DLA-7048 - 3 5/8" X 3 5/8"
Item #: RLA-7048 - 4 1/16" x 4 1/16"
Item #: CLA-7048 - 4 3/8" x 4 3/8"
Item #: *TLA-7048 - 4 5/8" x 4 5/8"
Item #: *FLA-7048 - 5 1/8" x 5 1/8"
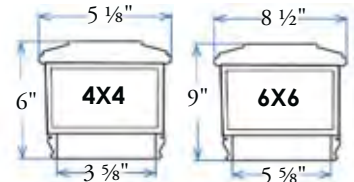
5 ⅛" 3 ⅝" 3 ⅛" 4X4 3 ⅝"

Titan Tall Flat Top - Black

Sold in any quantity.

Aluminum Flat top with ribbed glass and 1 ea. 18 watt bulb (included), upgrade to an LED fixture by purchasing and **LED40** or **LED20** bulb sold separately. ML series transformers recommeded for this light.

Item #: DLA-6048 - 3 5/8" X 3 5/8"
Item #: RLA-6048 - 4 1/16" X 4 1/16"
Item #: CLA-6048 - 4 3/8" X 4 3/8"
Item #: *TLA-6048 - 4 5/8" X 4 5/8"
Item #: *FLA-6048 - 5 9/16" X 5 9/16"
Item #: DLA-8048 - 5 5/8" X 5 5/8"(+)

5 ⅛" 6" 4X4 3 ⅝" 8 ½" 9" 6X6 5 ⅝"

THIS CAP MAY BE USED ON MORE POST SIZES BY CHANGING THE BASE, PLEASE SEE PAGE 141 FOR MORE OPTIONS
(+) 5 9/16 light contains 3ea. 18 watt bulbs for a total of 54 watts per fixture

Low Voltage Lighting

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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Orion Tall Flat Top - Black

Sold in any quantity.

Aluminum Flat top with ribbed glass and 1 ea. 18 watt bulb (included), upgrade to an LED fixture by purchasing and **LED40** or **LED20** bulb sold separately. ML series transformers recommeded for this light.

Item #: DLA-6068 - 3 5/8" X 3 5/8"
Item #: RLA-6068 - 4 1/16" X 4 1/16"
Item #: *FLA-6068 - 5 1/8" X 5 1/8"
Item #: DLA-8068 - 5 5/8" X 5 5/8" (+)

5 1/8"   8 1/2"
6" **4X4**   9" **6X6**
3 5/8"   5 5/8"

THIS CAP MAY BE USED ON MORE POST SIZES BY CHANGING THE BASE, PLEASE SEE PAGE 141 FOR MORE OPTIONS
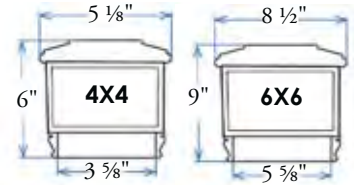(+) 5 9/16 light contains 3ea. 18 watt bulbs for a total of 54 watts per fixture

Accents Flat Aluminum Cap - Black

Sold in any quantity.

Accents flat die cast aluminum post cap adapts to many different post sizes. (Must purchase LED cap light kit along with the cap below)

Item #: 52500020 - Gloss Black - 2" X 2"
Item #: 52500030 - Gloss Black - 3" X 3"
Item #: 52500350 - Gloss Black - 3 5/8" X 3 5/8"
Item #: 52500040 - Gloss Black - 4" X 4"
Item #: 52500050 - Gloss Black - 5" X 5" and *4 1/2" X 4 1/2"
        * adapter ring included for 4 1/2" version
Item #: 52506000 - Gloss Black - 6" X6" and *5 5/8" X 5 5/8"
        * adapter ring included for 5 5/8" version

Item #: 52500000

Accents Glow Ring Aluminum Cap - Black

Sold in any quantity.

Accents flat die cast aluminum post cap adapts to many different post sizes. (Must purchase LED glow ring light kit along with the cap below)

Item #: 52500020 + 52502020 - Black Cap with Glow Ring - 2" X 2"
Item #: 52500030 + 52503030 - Black Cap with Glow Ring - 3" X 3"
Item #: 52500350 + 52535350 - Black Cap with Glow Ring - 3 5/8" X 3 5/8"
Item #: 52500040 + 52504040 - Black Cap with Glow Ring - 4" X 4"
Item #: 52500050 + 52505050 - Black Cap with Glow Ring - 5" X 5"
                and *4 1/2" X 4 1/2"
        * adapter ring included for 4 1/2" version
Item #: 52506000 + 52506060 - Black Cap with Glow Ring - 6" X6"
                and *5 5/8" X 5 5/8"
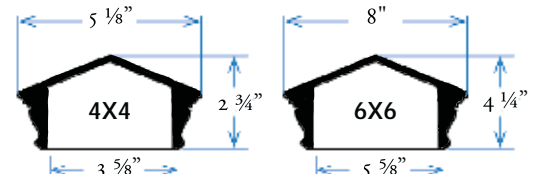   * adapter ring included for 5 5/8" version

Eclipse L.E.D. Pyramid Top - Bronze

Sold in any quantity.

Aluminum Pyramid top with four LED down lights draws 1.5 watts total per cap, may be powered with an AC or DC output transformer. Please note that the base cannot be converted to any other sizes.

Item #: DLL-5065 - 3 5/8" X 3 5/8"
Item #: CLL-6055 - 4 3/8" X 4 3/8"
Item #: *TLL-6055 - 4 5/8" X 4 5/8"
Item #: DLL-8065 - 5 5/8" X 5 5/8"

5 1/8"   8"
4X4 2 3/4"   **6X6** 4 1/4"
3 5/8"   5 5/8"

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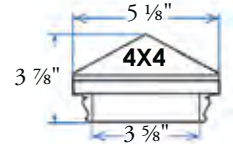
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Iris Anello L.E.D. Pyramid - Bronze

Sold in any quantity.

Aluminum Pyramid top with LED band light draws 1 watt total per cap, may be powered with an AC or DC output transformer

Item #: DLA-7055 - 3 5/8" X 3 5/8"
Item #: RLA-7055 - 4 1/16" x 4 1/16"
Item #: CLA-7055 - 4 3/8" x 4 3/8"
Item #: *TLA-7055 - 4 5/8" x 4 5/8"
Item #: *FLA-7055 - 5 1/8" x 5 1/8"
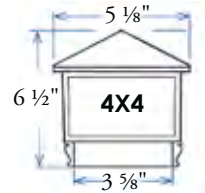
5 1/8"
3 7/8"
4X4
3 5/8"

Sirius Tall Pyramid - Bronze

Sold in any quantity.

Aluminum Tall pyramid with frosted glass and 1 ea. 18 watt bulb (included), upgrade to an LED fixture by purchasing and **LED40** or **LED20** bulb sold separately. ML series transformers recommeded for this light.

Item #: DLA-6055 - 3 5/8" X 3 5/8"

5 1/8"
6 1/2"
4X4
3 5/8"

THIS CAP MAY BE USED ON MORE POST SIZES BY CHANGING THE BASE, PLEASE SEE PAGE 141 FOR MORE OPTIONS
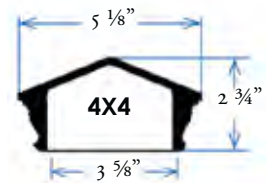
Rondi Lit - Oil Rubbed Bronze

Sold in any quantity.

Oil Rubbed Bronze Rondi post cap illuminated on 4 sides with 4 LED's per side and is made from high quality cast aluminum. Must use with De-kor EZ series transformers sold separately. This cap draws 1.2 watts per cap

Item #: PCLRL4S07 - 3 5/8"
Item #: PCR41L4S07 - 4 1/8"

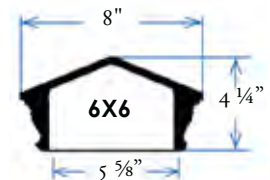5 1/8"
4X4
2 3/4"
3 5/8"

Rondi Lit - Oil Rubbed Bronze

Sold in any quantity.

Oil Rubbed Bronze Rondi post cap illuminated on 6 sides with 4 LED's per side and is made from high quality cast aluminum. Must use with De-kor EZ series transformers sold separately. This cap draws 1.8 watts per cap

Item #: PCRL4S07 - 4 9/16"
Item #: PCR51L4S07 - 5 1/8"
Item #: PCGL4S07 - 5 5/8"
Item #: PCBKL4S07 - 6 1/16"

8"
6X6
4 1/4"
5 5/8"

Low Voltage Lighting

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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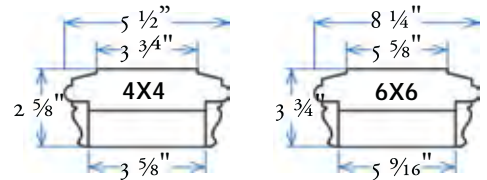
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Deck Lighting

Nova L.E.D. Flat Top - Bronze

Sold in any quantity.

Aluminum Flat top with four LED down lights draws 1.5 watts total per cap, may be powered with an AC or DC output transformer. Please note that the base cannot be converted to any other sizes.

Item #: DLL-5035 - 3 5/8″ X 3 5/8″
Item #: *RLL-6045** - 4 1/16″ X 4 1/16″
Item #: *CLL-6045** - 4 3/8″ X 4 3/8″
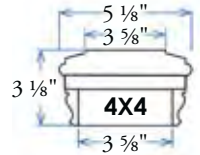**Item #:** *TLL-6045** - 4 5/8″ X 4 5/8″

Saturn Anello L.E.D. Flat Top - Bronze

Sold in any quantity.

Aluminum Flat top with LED band light draws 1 watt total per cap, may be powered with an AC or DC output transformer

Item #: DLA-7045 - 3 5/8″ X 3 5/8″
Item #: RLA-7045 - 4 1/16″ x 4 1/16″
Item #: CLA-7045 - 4 3/8″ x 4 3/8″
Item #: *TLA-7045** - 4 5/8″ x 4 5/8″
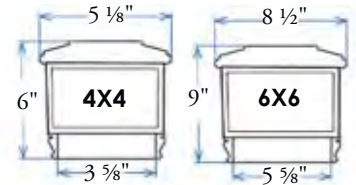**Item #:** *FLA-7045** - 5 1/8″ x 5 1/8″

Titan Tall Flat Top - Bronze

Sold in any quantity.

Aluminum Flat top with ribbed glass and 1 ea. 18 watt bulb (included), upgrade to an LED fixture by purchasing and **LED40** or **LED20** bulb sold separately. ML series transformers recommeded for this light.

Item #: DLA-6045 - 3 5/8″ X 3 5/8″
Item #: RLA-6045 - 4 1/16″ X 4 1/16″
Item #: CLA-6045 - 4 3/8″ X 4 3/8″
Item #: *TLA-6045** - 4 5/8″ X 4 5/8″
Item #: DLA-8045 - 5 5/8″ X 5 5/8″ (+)

THIS CAP MAY BE USED ON MORE POST SIZES BY CHANGING THE BASE, PLEASE SEE PAGE 141 FOR MORE OPTIONS
(+) 5 9/16 light contains 3ea. 18 watt bulbs for a total of 54 watts per fixture

Orion Tall Flat Top - Bronze

Sold in any quantity.

Aluminum Flat top with ribbed glass and 1 ea. 18 watt bulb (included), upgrade to an LED fixture by purchasing and **LED40** or **LED20** bulb sold separately. ML series transformers recommeded for this light.

Item #: DLA-6065 - 3 5/8″ X 3 5/8″
Item #: DLA-8065 - 5 5/8″ X 5 5/8″ (+)

THIS CAP MAY BE USED ON MORE POST SIZES BY CHANGING THE BASE, PLEASE SEE PAGE 141 FOR MORE OPTIONS
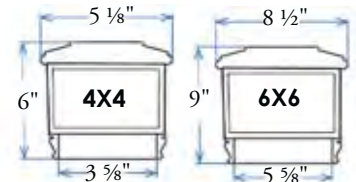(+) 5 9/16 light contains 3ea. 18 watt bulbs for a total of 54 watts per fixture

Low Voltage Lighting

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

Accents Flat Aluminum Cap - Antique Bronze
Sold in any quantity.

Accents flat die cast aluminum post cap adapts to many different post sizes.
(Must purchase LED cap light kit along with the cap below)

Item #: 52500026 - Ant. Bronze - 2″ X 2″
Item #: 52500036 - Ant. Bronze - 3″ X 3″
Item #: 52500356 - Ant. Bronze - 3 5/8″ X 3 5/8″
Item #: 52500046 - Ant. Bronze - 4″ X 4″
Item #: 52500056 - Ant. Bronze - 5″ X 5″ and *4 1/2″ X 4 1/2″
　　　　　　* adapter ring included for 4 1/2″ version
Item #: 52506006 - Ant. Bronze - 6″ X6″ and *5 5/8″ X 5 5/8″
　　　　　　* adapter ring included for 5 5/8″ version

Item #: 52500000

Accents Glow Ring Aluminum Cap - Ant. Bronze
Sold in any quantity.

Accents flat die cast aluminum post cap adapts to many different post sizes.
(Must purchase LED glow ring light kit along with the cap below)

Item #: 52500026 + 52502020 - Ant. Bronze Cap with Glow Ring - 2″ X 2″
Item #: 52500036 + 52503030 - Ant. Bronze Cap with Glow Ring - 3″ X 3″
Item #: 52500356 + 52535350 - Ant. Bronze Cap with Glow Ring - 3 5/8″ X 3 5/8″
Item #: 52500046 + 52504040 - Ant. Bronze Cap with Glow Ring - 4″ X 4″
Item #: 52500056 + 52505050 - Ant. Bronze Cap with Glow Ring - 5″ X 5″
　　　　　　and *4 1/2″ X 4 1/2″
　　　　　　* adapter ring included for 4 1/2″ version
Item #: 52506006 + 52506060 - Ant. Bronze Cap with Glow Ring - 6″ X6″
　　　　　　and *5 5/8″ X 5 5/8″
　　　　　　* adapter ring included for 5 5/8″ version

Eclipse L.E.D. Pyramid - White
Sold in any quantity.

Aluminum Pyramid top with four LED down lights draws 1.5 watts total per cap, may be powered with an AC or DC output transformer. Please note that the base cannot be converted to any other sizes.

Item #: DLL-5060 - 3 5/8″ X 3 5/8″
Item #: RLL-6050 - 4 1/16″ X 4 1/16″
Item #: CLL-6050 - 4 3/8″ X 4 3/8″
Item #: *TLL-6050 - 4 5/8″ X 4 5/8″
Item #: *FLL-6050 - 5 1/8″ X 5 1/8″
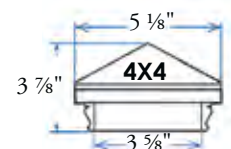**Item #: DLL-8060** - 5 5/8″ x 5 5/8″
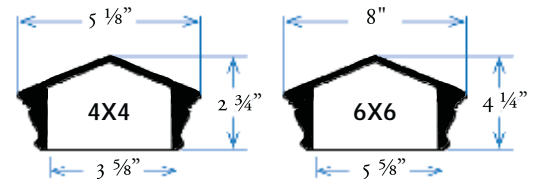
Iris Anello L.E.D. Pyramid - White
Sold in any quantity.

Aluminum Pyramid top with LED band light draws 1 watt total per cap, may be powered with an AC or DC output transformer

Item #: DLA-7050 - 3 5/8″ X 3 5/8″
Item #: RLA-7050 - 4 1/16″ x 4 1/16″
Item #: CLA-7050 - 4 3/8″ x 4 3/8″
Item #: *TLA-7050 - 4 5/8″ x 4 5/8″
Item #: *FLA-7050 - 5 1/8″ x 5 1/8″

Low Voltage Lighting

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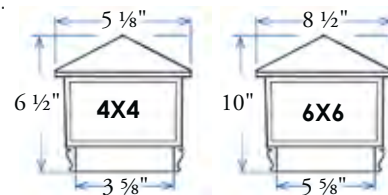
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Sirius Tall Pyramid - White

Sold in any quantity.

Aluminum Tall pyramid with frosted glass and 1 ea. 18 watt bulb (included), upgrade to an LED fixture by purchasing and **LED40** or **LED20** bulb sold separately. ML series transformers recommeded for this light.

Item #: DLA-6050 - 3 5/8″ X 3 5/8″
Item #: RLA-6050 - 4 1/16″ X 4 1/16″
Item #: FLA-6050 - 5 1/8″ X 5 1/8″
Item #: DLA-8050 - 5 5/8″ X 5 5/8″ (+)

5 1/8″   8 1/2″
6 1/2″ **4X4**   10″ **6X6**
3 5/8″   5 5/8″

THIS CAP MAY BE USED ON MORE POST SIZES BY CHANGING THE BASE, PLEASE SEE PAGE 141 FOR MORE OPTIONS
(+) 5 9/16 light contains 3ea. 18 watt bulbs for a total of 54 watts per fixture

Rondi Lit - Hammered White

Sold in any quantity.

Hammered White Rondi post cap illuminated on 4 sides with 4 LED's per side and is made from high quality cast aluminum. Must use with De-kor EZ series transformers sold separately. This cap draws 1.2 watts per cap

Item #: PCLRL4S01 - 3 5/8″
Item #: PCR41L4S01 - 4 1/8″

5 1/8″
4X4   2 3/4″
3 5/8″

Rondi Lit - Hammered White

Sold in any quantity.

Hammered White Rondi post cap illuminated on 6 sides with 4 LED's per side and is made from high quality cast aluminum. Must use with De-kor EZ series transformers sold separately. This cap draws 1.8 watts per cap

Item #: PCRL4S01 - 4 9 /16″
Item #: PCR51L4S01 - 5 1/8″
Item #: PCGL4S01 - 5 5/8″
Item #: PCBKL4S01 - 6 1/16″

8″
6X6   4 1/4″
5 5/8″

Nova L.E.D. Flat Top - White

Sold in any quantity.

Aluminum Flat top with four LED down lights draws 1.5 watts total per cap, may be powered with an AC or DC output transformer. Please note that the base cannot be converted to any other sizes.

Item #: DLL-5030 - 3 5/8″ X 3 5/8″
Item #: RLL-6040 - 4 1/16″ X 4 1/16″
Item #: CLL-6040 - 4 3/8″ X 4 3/8″
Item #: *TLL-6040 - 4 5/8″ X 4 5/8″
Item #: *FLL-6040 - 5 1/8″ X 5 1/8″
Item #: DLL-8030 - 5 5/8″ X 5 5/8″

5 1/2″   8 1/4″
3 3/4″   5 5/8″
2 5/8″ **4X4**   3 3/4″ **6X6**
3 5/8″   5 9/16″
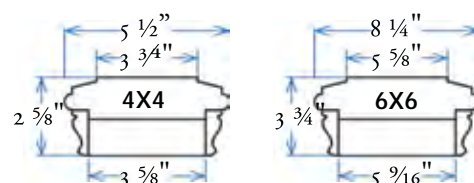
Accents Flat Aluminum Cap - White

Sold in any quantity.

Accents flat die cast aluminum post cap adapts to many different post sizes.
(Must purchase LED cap light kit along with the cap below)

Item #: 52500031 - White - 3″ X 3″
Item #: 52500351 - White - 3 5/8″ X 3 5/8″
Item #: 52500041 - White - 4″ X 4″
Item #: 52500051 - White - 5″ X 5″ and *4 1/2″ X 4 1/2″
              * adapter ring included for 4 1/2″ version
Item #: 52506001 - White - 6″ X 6″ and *5 5/8″ X 5 5/8″
              * adapter ring included for 5 5/8″ version

Item #: 52500000

Accents Glow Ring Aluminum Cap - White

Sold in any quantity.

Accents flat die cast aluminum post cap adapts to many different post sizes.
(Must purchase LED glow ring light kit along with the cap below)

Item #: 52500031 + 52503030 - White Cap with Glow Ring - 3″ X 3″
Item #: 52500351 + 52535350 - White Cap with Glow Ring - 3 5/8″ X 3 5/8″
Item #: 52500041 + 52504040 - White Cap with Glow Ring - 4″ X 4″
Item #: 52500051 + 52505050 - White Cap with Glow Ring - 5″ X 5″
              and *4 1/2″ X 4 1/2″
              * adapter ring included for 4 1/2″ version
Item #: 52506001 + 52506060 - White Cap with Glow Ring - 6″ X6″
              and *5 5/8″ X 5 5/8″
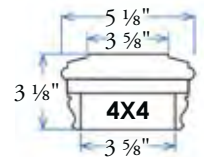   * adapter ring included for 5 5/8″ version

Saturn Anello L.E.D. Flat Top - White

Sold in any quantity.

Aluminum Flat top with LED band light draws 1 watt total per cap, may be powered with an AC or DC output transformer

Item #: DLA-7040 - 3 5/8″ X 3 5/8″
Item #: RLA-7040 - 4 1/16″ x 4 1/16″
Item #: CLA-7040 - 4 3/8″ x 4 3/8″
Item #: *TLA-7040 - 4 5/8″ x 4 5/8″
Item #: *FLA-7040 - 5 1/8″ x 5 1/8″
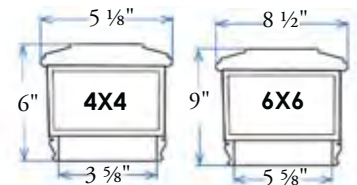
5 1/8″
3 5/8″
3 1/8″   **4X4**
3 5/8″

Titan Tall Flat Top - White

Sold in any quantity.

Tall flat top with ribbed glass and 1 ea. 18 watt bulb (included), upgrade to an LED fixture by purchasing and **LED40** or **LED20** bulb sold separately. ML series transformers recommeded for this light.

Item #: DLA-6040 - 3 5/8″ X 3 5/8″
Item #: RLA-6040 - 4 1/16″ X 4 1/16″
Item #: CLA-6040 - 4 3/8″ X 4 3/8″
Item #: TLA-6040 - 4 5/8″ X 4 5/8″
Item #: *FLA-6040 - 5 9/16″ X 5 9/16″
Item #: DLA-8040 - 5 5/8″ X 5 5/8″ (+)
Item #: *GLA-8040 - 6 1/16″ X 6 1/16″ (+)

(+) 5 9/16 light contains 3ea. 18 watt bulbs for a total of 54 watts per fixture

5 1/8″   8 1/2″
3 5/8″
6″   **4X4**   9″   **6X6**
3 5/8″   5 5/8″

Low Voltage Lighting

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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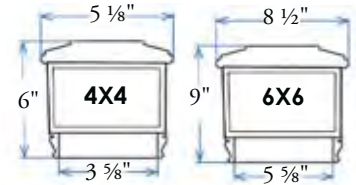
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Orion Tall Flat Top - White

Sold in any quantity.

Orion tall flat top with ribbed glass and 1 ea. 18 watt bulb (included)
ML series transformers recommeded for this light.

Item #: **DLA-6060** - 3 5/8" X 3 5/8"
Item #: **RLA-6060** - 4 1/16" X 4 1/16"
Item #: *****FLA-6060 -** 5 1/8" X 5 1/8"
Item #: *****DLA-8060** - 5 9/16" X 5 9/16" (+)

5 1/8"		8 1/2"	
6"	**4X4**	9"	**6X6**
3 5/8"		5 5/8"	

THIS CAP MAY BE USED ON MORE POST SIZES BY CHANGING THE BASE, PLEASE SEE PAGE 141 FOR MORE OPTIONS
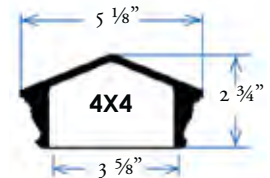(+) 5 9/16 light contains 3ea. 18 watt bulbs for a total of 54 watts per fixture

Rondi Lit - Dark Copper Vein

Sold in any quantity.

Dark Copper Vein Rondi post cap illuminated on 4 sides with 4 LED's per side
and is made from high quality cast aluminum. Must use with De-kor EZ series
transformers sold separately. This cap draws 1.2 watts per cap

Item #: **PCLRL4S10 -** 3 5/8"
Item #: **PCR41L4S10 -** 4 1/8"

5 1/8"	
4X4	2 3/4"
3 5/8"	

Rondi Lit - Dark Copper Vein

Sold in any quantity.

Dark Copper Vein Rondi post cap illuminated on 6 sides with 4 LED's per side
and is made from high quality cast aluminum. Must use with De-kor EZ series
transformers sold separately. This cap draws 1.8 watts per cap

Item #: **PCRL4S10 -** 4 9/16"
Item #: **PCR51L4S10 -** 5 1/8"
Item #: **PCGL4S10 -** 5 5/8"
Item #: **PCBKL4S10 -** 6 1/16"

8"	
6X6	4 1/4"
5 5/8"	

Low Voltage Lighting

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Corona LED Recessed Riser Light - Black

Sold in any quantity.

Corona Recessed LED light draws 1 watt of power and fits a rough opening of 1 5/8″ x 4 1/8″. May be powered with an AC or DC output transformer.

Item #: PLA-2008 - Black

Corona LED Recessed Riser Light - Bronze

Sold in any quantity.

Corona Recessed LED light draws 1 watt of power and fits a rough opening of 1 5/8″ x 4 1/8″. May be powered with an AC or DC output transformer.

Item #: PLA-2005 - Bronze

Corona LED Recessed Riser Light - White

Sold in any quantity.

Corona Recessed LED light draws 1 watt of power and fits a rough opening of 1 5/8″ x 4 1/8″. May be powered with an AC or DC output transformer.

Item #: PLA-2000 - White

Pyxis - Recessed Riser Light - Black

Sold in any quantity.

Pyxis louvered recessed riser light illuminated by 1 ea. 18 watt bulb (included), and fits a rough opening of 2 7/8″ x 6 1/8″. Upgrade to an LED fixture by purchasing and **LED40** or **LED20** bulb sold separately.

Item #: PLA-6008 - Black

Optional glass face plate available

Item #: PRC-6008 - Black Glass Face

Low Voltage Lighting

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Pyxis - Recessed Riser Light - Bronze

Sold in any quantity.

Pyxis louvered recessed riser light illuminated by 1 ea. 18 watt bulb (included), and fits a rough opening of 2 7/8" x 6 1/8". Upgrade to an LED fixture by purchasing and **LED40** or **LED20** bulb sold separately.

Item #: PLA-6005 - Bronze

Optional glass face plate available

Item #: PRC-6005 - Bronze Glass Face

Pyxis - Recessed Riser Light - White

Sold in any quantity.

Pyxis louvered recessed riser light illuminated by 1 ea. 18 watt bulb (included), and fits a rough opening of 2 7/8" x 6 1/8". Upgrade to an LED fixture by purchasing and **LED40** or **LED20** bulb sold separately.

Item #: PLA-6000 - White

Optional glass face plate available

Item #: PRC-6000 - White Glass Face

Vega LED Post Light - Black

Sold in any quantity.

Vega LED post light draws 1 watt of power and measures 3 1/4" at its widest point and 2 3/8" tall. May be powered with an AC or DC output transformer.

Item #: PLA-8008 - Black

Vega LED Post Light - Bronze

Sold in any quantity.

Vega LED post light draws 1 watt of power and measures 3 1/4" at its widest point and 2 3/8" tall. May be powered with an AC or DC output transformer.

Item #: PLA-8005 - Bronze

Low Voltage Lighting

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Vega LED Post Light - White

Sold in any quantity.

Vega LED post light draws 1 watt of power and measures 3 1/4″ at its widest point and 2 3/8″ tall. May be powered with an AC or DC output transformer.

Item #: PLA-8000 - White

Nebula LED Eyeball Light - Black

Sold in any quantity.

Nebula LED post light draws 1 watt of power and measures 3 1/2″ in diameter. May be powered with an AC or DC output transformer.
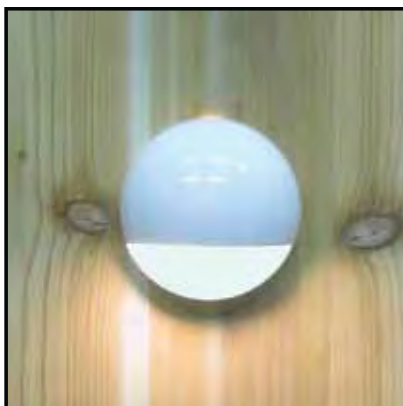
Item #: PLA-5008 - Black

Nebula LED Eyeball Light - Bronze

Sold in any quantity.

Nebula LED post light draws 1 watt of power and measures 3 1/2″ in diameter. May be powered with an AC or DC output transformer.

Item #: PLA-5005 - Bronze

Nebula LED Eyeball Light - White

Sold in any quantity.

Nebula LED post light draws 1 watt of power and measures 3 1/2″ in diameter. May be powered with an AC or DC output transformer.

Item #: PLA-5000 - White

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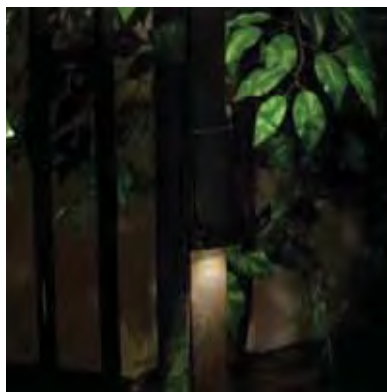
Available in:

gloss black

ant. bronze

white

Accents LED Universal Light

Sold in box of 6.

Accents LED Universal Lights are ideal for any location (Measures 2 1/2" X 5/8" X .3/8")

Item # 52501000 - Gloss Black
Item # 52501006 - Antique Bronze
Item # 52501001 - White

Available in:

gloss black

ant. bronze

white

Accents LED vertical Post Light

Sold in box of 2.

Accents LED Vertical Post Light are perfect for any post to illuminate deck or walkways (Measures 3 1/2" X 1 3/4" X 7/8")

Item # 52500060 - Gloss Black
Item # 52500066 - Antique Bronze
Item # 52500061 - White

Available in:

gloss black

ant. bronze

white

Accents LED Surface Mount Light

Sold in box of 6.

Accents LED Surface Mount Light can light deck surface, path or stair treds that are flushed and recessed (Requires 1" rough opening)

Item # 52504000 - Gloss Black
Item # 52504006 - Antique Bronze
Item # 52504001 - White

Accents LED Transformers

Sold in any quantity.

Accents Class 2 Transformer suitable for wet locations

Item # 52503000 - 30 watt

Accents Class 2 Premium Transformer suitable for wet locations with intigrated timer, photo cell, remote control and dimmer

Item # 52503001 - Premium 40 watt transformer

Low Voltage Lighting

Asterisk denotes NON STOCK special order. Please contact ADI customer service.

Available in:

hammered white - 01

antique black - 05

oil rubbed bronze - 07

dark copper vein - 10

Tear Drop - L.E.D. Lighted Cast Aluminum

Sold in any quantity.

L.E.D. lighted cast aluminum post lamps draw 2.4 watts and includes all necessary hardware for install.
(Measures 3 1/2"W x 4 1/2"H x 2 1/2"T)

Item # PLTD + Color Code

Available in:

hammered white - 01

antique black - 05

oil rubbed bronze - 07

dark copper vein - 10

Holly Post - L.E.D. Lighted Cast Aluminum

Sold in any quantity.

L.E.D. lighted cast aluminum post lamps draw 2.4 watts and includes all necessary hardware for install.
(Measures 3"W x 4"H x 2 1/4"T)

Item # PLH + Color Code

Available in:

*hammered white - 01

*antique black - 05

*oil rubbed bronze - 07

*dark copper vein - 10

Petite Directional Light

Sold in any quantity.

Aluminum petite light can be mounted both indoors and out and may rotated in any direction. Light draws 1.2 watts.

Item # DLP + Color Code

Pelite Directional Light - 4 Pack (Aluminum petite light, sold in multiples of 4)

Item# DLP4 + Color Code

AVAILABLE DEKOR™ COLORS
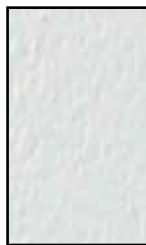
White-01

Antique Black-05

Oil Rubbed Bronze-07

Dark Copper Vein-10

Colors shown are an approximate representation only, please see actual product sample when selecting color

Low Voltage Lighting

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Millennium - Recessed L.E.D. - 4 Pack

Sold in multiples of 4.

Powder coated low voltage down lights cast a ray of light down or up from the lamp and are perfect for stairs, floors, patios, docks etc., must be purchased in packs of 4. Lights draw 1.2 watts each.

Item # RDL4 + Color Code

Available in:
hammered white - 01
antique black - 05
oil rubbed bronze - 07
dark copper vein - 10

Millennium - Recessed Outdoor L.E.D. Kit

Sold as a kit.

This kit contains everything you need for an outdoor lighting project, kit includes 8 down lights with powder coated covers, transformer that handles up to 20 lights, outdoor rated wire nuts, forstner drill bit, and instructions. Lights draw 1.2 watts each.

Item # RDLKITOUT + Color Code

Available in:
hammered white - 01
antique black - 05
oil rubbed bronze - 07
dark copper vein - 10

Millennium - Recessed L.E.D. Stair Light - 4 Pack

Sold as a kit.

Powder coated low voltage stair lights cast a 30 degree ray of light down from the lamp and are perfect for stairways, must be purchased in packs of 4. Lights draw 1.2 watts each.

Item # RSL4 + Color Code

Available in:
hammered white - 01
antique black - 05
oil rubbed bronze - 07
dark copper vein - 10

Millennium - Recessed L.E.D. Outdoor Stair Light kit

Sold as a kit.

This kit contains everything you need for an outdoor lighting project, kit includes 8 recessed stair lights with powder coated covers, transformer that handles up to 20 lights, outdoor rated wire nuts, forstner drill bit, and instructions. Lights draw 1.2 watts each.

Item # RSLKITOUT + Color Code

Available in:
hammered white - 01
antique black - 05
oil rubbed bronze - 07
dark copper vein - 10

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Available in:

clear

7/8" Round Water Proof Dek Dots

Sold as a kit or 4 pack.

This kit contains everything you need for your outdoor lighting project, kit includes 8 clear acrylic flush lights, sealed transformer that handles up to 20 lights, wire nuts, forstner bit with stop so lights install flush every time, and instructions. Lights draw 1.2 watts each.

Item # DEKDOTKIT

Item # DEKDOT4 - 4 pack lights only

Phoenix Series Recessed LED Kit

Sold in any quantity.

Phoenix Series Recessed LED Kit, contains 10 led lights, wire, transformer, connectors and on/off remote.

Item #: DLR100TK - 10 LED Kit

Phoenix Series Recessed LED

Sold in packs of 10.

Phoenix Series Recessed LED 10 pack, contains 10 led lights which draw .34 watts per light, must use a dc output transformer such as the ODLDC transformers found on page 141

Item #: DLRT10PK - 10 pack
Item #: DLRT2PK - 2 pack

Low Voltage Lighting

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Odyssey LED Light Strip Kit

Sold as a kit

Odyssey Series Strip LED Kit, Contains 4 each 1/8″ wide by 3/8″ high light strips, also comes with 100′ of wire, connectors, transformer and on/off remote. Strips draw approximately 1.5 watts per foot. Transformer (included) will power up to 20′ of lighting.

Item #: ODL18K - 4 each 18″ LED light strips
Item #: ODL24K -4 each 24″ LED light strips
Item #: ODL36K - 4 each 36″ LED light strips
Item #: ODL48K - 4 each 48″ LED light strips

Optional light strip housing shown is sold separately below

Odyssey LED Light Strip

Sold in any quantity

Odyssey Series Individual Strips, 1/8″ wide by 3/8″ high each strip fits nicely into 1/8″ saw kerf or may be used with optional housings sold below. Must use a dc

output transformer such as the ODLDC transformers found on page 137 Strips draw approximately 1.5 watts per foot.

Item #: ODL18 - 18″ LED light strip
Item #: ODL24 - 24″ LED light strip
Item #: ODL36 - 36″ LED light strip
Item #: ODL48 - 48″ LED light strip

Odyssey Light Strip Housing Only

Sold in any quantity

Odyssey powder coated aluminum light strip housings used to hold and secure light strips sold above.

Item #: OC18BL - black 18″ housing
Item #: OC24BL - black 24″ housing
Item #: OC36BL - black 36″ housing
Item #: OC48BL - black 48″ housing

Item #: OC18BR - bronze 18″ housing
Item #: OC24BR - bronze 24″ housing
Item #: OC36BR - bronze 36″ housing
Item #: OC48BR - bronze 48″ housing

Item #: OC18WH - white 18″ housing
Item #: OC24WH - white 24″ housing
Item #: OC36WH - white 36″ housing
Item #: OC48WH - white 48″ housing

Low Voltage Lighting

Phoenix LED Transformer

Sold in any quantity

Phoenix Series Waterproof LED 1 amp DC transformer with enough capacity to power 40 Phoenix LED lights

Item #: DLTDC

Lights on Pg. 135

Phoenix/Odyssey Remote Driver

Sold in any quantity

12 Volt Waterproof on/off remote driver, provides on/off capability for Nova, Eclipse, Saturn, Iris fixtures as they are not dimmable. (does not include remote must be purchased separaely below).

Item #: DLTRD - Driver

Item #: DLRREMOTE - Remote Control Fob

Odyssey LED Light Transformer

Sold in any quantity

12 Volt Odyssey Series LED DC waterproof transformer with quick attach pigtail

Item #: ODLDC - 36 watt, will power up to 20' of Odyssey light strips
Item #: ODLDC5 - 60 watt, will power up to 40' of Odyssey light strips

Lights on Pg. 136
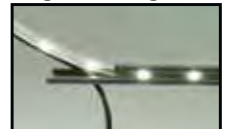
Remote Dimmer

Sold in any quantity

12 Volt Waterproof Remote control dimmer needed to power on/off and dim for both Odyssey and Phoenix series transformers and lights, requires separate transformer from either the Odyssey or Phoenix series.

Item #: DLTDIMMER

Low Voltage Lighting

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Low Voltage Lighting

Phoenix Series LED 22 Gauge Wire

Sold in any quantity

Phoenix Series 22 gauge wire, 100' - 22 gauge twin lead (22-2) wire suitable for use with the Phoenix LED Lights only

Item #: DLRWIRE

12 Volt AC Power Supply

Sold in any quantity

12 Volt AC waterproof transformer with quick attach pigtail used to power Nova, Eclipse, Saturn, Iris, Corona and Nebula LED fixtures . Please note these transformers are not for use with Odyssey and Phoenix lights.

Item #: DLTAC24 - 24 watt
Item #: DLTAC36 - 36 watt
Item #: DLTAC60 - 60 watt

Photoelectric Timer

Sold in any quantity

110 Volt photoelectric timer with built in photo eye with 1-8 hour option. Designed for use with any transformer and has two outputs. Just plug in to outlet and plug transformer into this unit.

Item #: ML1

De-kor™ EZ 40 L.E.D. Transformer Kit

Sold in any quantity

Waterproof transformer provides 40 watts of dc output to power De-kor™ LED products.

Item # EZ

EZ Max C Outdoor Transformer Kit

Sold in any quantity.

EZMAXC Commercial Outdoor Power Kit - 100 Watt DC output transformer provides power to De-kor™ LED lights.

Item # EZMAXC

EZ Timer

Sold in any quantity.

EZTimer- provides on off operation with photo eye throgh various time sequences. Simply plug into any 110 volt outlet and plug any transformer into unit.

Item # EZTIMER

EZ Remote Dimmer Single Channel Waterproof

Sold in any quantity.

EZ Remote Dimmer Single Channel remote dimmer can be used with EZ Transformers

Item # EZDIMMERWP

EZ Switch

Sold in any quantity.

EZSwitch 12 Volt Waterproof on/off remote driver, provides on/off capability for Dekot LED products, remote control fob included

Item # EZSWITCH

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Low Voltage Lighting

Available in:

black plastic housing

ML Series121 Watt Transformer with Timer

Sold in any quantity.

121 watt transformer with timer and cover

Add together total bulb wattages to determine transformer size
(For use with incandescent lighting)

Item #: ML121RT

Available in:

black plastic housing

ML Series 200 Watt Transformer with Timer

Sold in any quantity.

200 watt transformer with timer and cover

Add together total bulb wattages to determine transformer size
(For use with incandescent lighting)

Item #: ML200RT

Available in:

black metal housing

ML Series 300 Watt Transformer with Timer

Sold in any quantity.

300 watt transformer with timer and cover

Add together total bulb wattages to determine transformer size
(For use with incandescent lighting)

Item #: ML300TW

Available in:

black metal housing

ML Series 600 Watt Transformer with Timer

Sold in any quantity.

600 watt transformer with timer and cover

Add together total bulb wattages to determine transformer size
(For use with incandescent lighting)

Item #: ML600TW

Available in:

black

Self Piercing Quick Connect Pigtail

Sold in any quantity.

60″ self piercing quick connect pigtail for low voltage lighting

Item #: DLE-4400 - 12″ length
Item #: DLE-4410 - 60″ length
Item #: DLE-4420 - 96″ length

Available in:

black

Heavy Duty Low Voltage Wire

Sold in any quantity.

Heavy duty low voltage wire, rated for direct burial and also used for perimeter wiring. Please note 12-2 gauge required for incandescent bulb applications and 18-2 gauge is recommended for led lighting applications.

Item #: LV122100 - 100′ length 12 gauge
Item #: LV122250 - 250′ length 12 gauge
Item #: LV122500 - 500′ length 12 gauge
Item #: LV182100 - 100′ length 18 gauge
Item #: LV182250 - 250′ length 18 gauge

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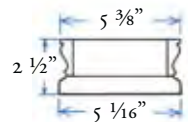*Deck Lighting*

Available in:
white
bronze
black

Base Converter

Sold in any quantity.

Base, converts lights and caps to fit 4 1/16″ post. This base converter must be used with 5000 or 6000 series post caps. EX: PCA5068

Item #: RLAP-6040 - White
Item #: RLAP-6045 - Bronze
Item #: RLAP-6048 - Black

5 ⅜"
1 ½"
4 ¹⁄₁₆"

Available in:
white
bronze
black

Base Converter

Sold in any quantity.

Base, converts lights and caps to fit 4 3/8″ composite posts. This base converter must be used with 5000 or 6000 series post caps. EX: PCA5068
Item #: CLAP-6040 - White
Item #: CLAP-6045 - Bronze
Item #: CLAP-6048 - Black

5 ⅜"
1 ½"
4 ⅜"

Available in:
white
bronze
black

Base Converter

Sold in any quantity.

Base, converts lights and caps to fit 4 5/8″ post. This base converter must be used with 5000 or 6000 series post caps. EX: PCA5068

Item #: TLAP-6040 - White
Item #: TLAP-6045 - Bronze
Item #: TLAP-6048 - Black

5 ⅜"
1 ½"
4 ⅝"

Available in:
white
bronze
black

Base Converter

Sold in any quantity.

Base, converts lights and caps to fit 5 1/16″ post. This base converter must be used with 5000 or 6000 series post caps. EX: PCA5068

Item #: FLAP-6040 - White
Item #: FLAP-6045 - Bronze
Item #: FLAP-6048 - Black

5 ⅜"
2 ½"
5 ¹⁄₁₆"

Available in:
white
black

Base Converter

Sold in any quantity.

Base, converts lights and caps to fit 6 1/16″ post. To be used **ONLY** with **5 5/8″ 8000 Series** post caps and lights.

Item #: GLAP-8040 - White
Item #: GLAP-8048 - Black

8 ⅛"
2⅜"
6 ¹⁄₁₆"

Low Voltage Lighting

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Low Voltage Lighting

Replacement L.E.D. Light Bar for Rondi Cap

Sold in any quantity.

Replacement light bars for DeKor rondi post caps. Pulls approximately 1/2 watt per bar. Adhesive strips should be purchased with any light bar order.

Item #: PCRLB - 6 bulb L.E.D. replacement light bar
Item #: PCLRLB - 4 bulb L.E.D. replacement light bar
Item #: PCLRLBAS - Replacement adhesive strip

Radiance L.E.D. Multi-Purpose Light

Available in:

hammered white - 01

antique black - 05

oil rubbed bronze - 07

dark copper vein - 10

Sold in any quantity.

Multi-Purpose radiance light draws 2 watts and is designed for both landscape light use and accent lighting.

Item #: RADSL - Step Light
Item #: RADLL - Landscape Light
Item #: RADBL - Block Light

LED Replacement bulb

Sold in any quantity.

LED replacement light bulb converts any Aurora low voltage lights with incandescent bulbs to LED. Can be used with AC output transformers.

Item #: LED40 - Cool white, draws approximately 1 watt per bulb
Item #: LED20 - Warm white, draws approximately 1 watt per bulb

Phoenix All In One Step Drill

Sold in any quantity.

Phoenix Series All in one step drill bit cuts hole for light body and recess for bezel for a flush mount.

Item #: DLRBIT

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

Marketed and Distributed by: Absolute Distribution, Inc.
Ph: 1-800-335-5909 • Fax 1-800-203-4495 • www.absolutedist.com

Deck Lighting

Forstner Bits

Sold in any quantity.

Forstner bit for De-kor and Fortress Intstallations.

Item #: **52501040** - 1″ Forstner Bit (Fortress™)

Item #: **DKRFB** - .900″ Forstner Bit (De-kor™)
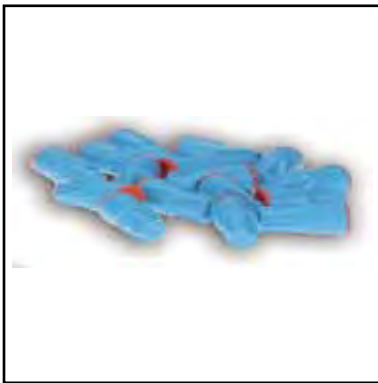
Gel Filled Wire Nuts

Sold in multiples of 10.

10 pack gel filled wire nuts with 2-5 18 gauge wire capacity. Aqua/Orange.

Item # **WNSMGF**
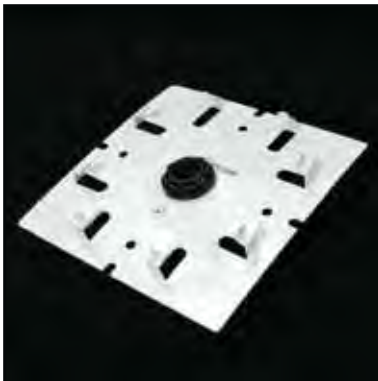
Replacement Parts - Base plate with Socket

Sold in any quantity.

Baseplate with socket, used to convert 12 volt lights to 110 volt lights.

Item #: **EBPW110V** - for 3 5/8″ to 5 1/8″ base lights
Item #: *****EBPW66110V** - for 5 5/8″ to 6 1/8″ base lights
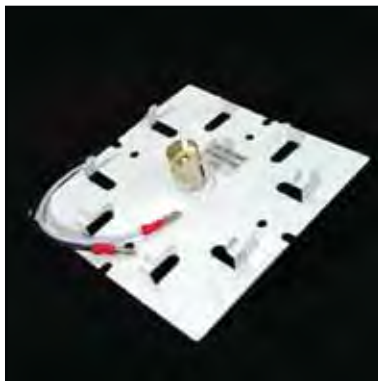
Replacement Parts - Base plate with Socket

Sold in any quantity.

Baseplate with socket, used to convert 110 volt lights to 12volt lights.

Item #: **EBPW12V** - for 3 5/8″ to 5 1/8″ base lights
Item #: *****EBPW6612V** - for 5 5/8″ to 6 1/8″ base lights

Low Voltage Lighting

*****Asterisk denotes NON STOCK special order. Please contact ADI customer service.**

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ADI
Absolute Distribution Inc.

Marketed and Distributed by: Absolute Distribution, Inc.
Ph: 1-800-335-5909 • Fax 1-800-203-4495 • www.absolutedist.com
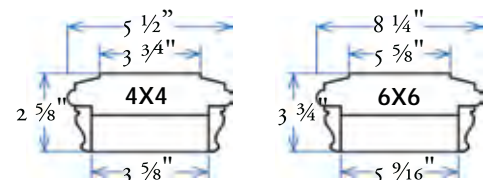
ADI
Deck Lighting

Pegasus Solar L.E.D.- Black

Sold in any quantity.

Aluminum Flat top solar light with four LED down lights. (Please note that the base on this light may not be interchanged with any other sizes).   Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: SPW-5038 - 3 5/8″ X 3 5/8″
Item #: SPA-6048 - 4 1/16″ X 4 1/16″
Item #: SPC-6048 - 4 3/8″ X 4 3/8″
Item #: *SPT-6048 - 4 5/8″ X 4 5/8″
Item #: *SPF-6048 - 5 1/8″ X 5 1/8″
Item #: SPW-8048 - 5 1/2″ x 5 1/2″

5 ½" 3 ¾" 2 ⅝" **4X4** 3 ⅝"

8 ¼" 5 ⅝" 3 ¾" **6X6** 5 ⁹⁄₁₆"
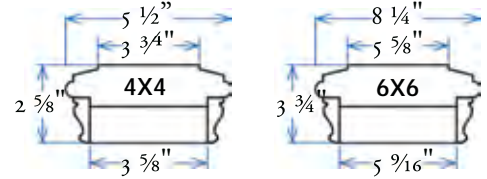
Low Profile Solar Light - Black

Sold in any quantity.

Solar low profile style post cap with beveled edge glass panels and wood skirt. Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: SC14 - Cedar - 3 5/8″ X 3 5/8″
Item #: ST14 - Treated - 3 5/8″ X 3 5/8″

6" 4 ¼" **4X4** 3 ⅝"
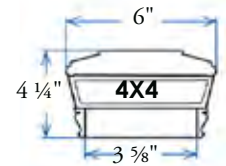
Polaris Tall Solar Light- Black

Sold in any quantity.

Tall flat top LED aluminum solar lights with ribbed glass panels. Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: SLW-6048 - 3 5/8″ X 3 5/8″
Item #: SLA-6048 - 4 1/16″ X 4 1/16″
Item #: *SLT-6048 - 4 3/8″ X 4 3/8″
Item #: SLF-6048 - 5 1/8″ X 5 1/8″
Item #: SLW-8048 - 5 5/8″ X 5 5/8″ (+)
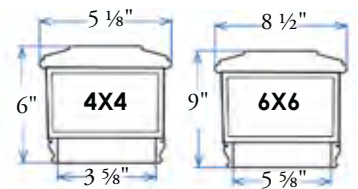
5 ⅛" 6" **4X4** 3 ⅝"

8 ½" 9" **6X6** 5 ⅝"

THIS CAP MAY BE USED ON MORE POST SIZES BY CHANGING THE BASE, PLEASE SEE PAGE 148 FOR MORE OPTIONS
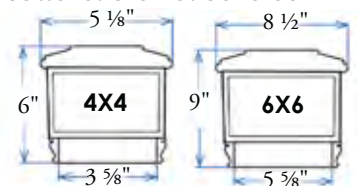**(+)** 5 5/8 version has 4 L.E.D lights

Pegasus Solar L.E.D.- Bronze

Sold in any quantity.

Aluminum Flat top solar light with four LED down lights. (Please note that the base on this light may not be interchanged with any other sizes).   Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: SPW-5035 - 3 5/8″ X 3 5/8″
Item #: *SPC-6045 - 4 3/8″ X 4 3/8″
Item #: *SPT-6045 - 4 5/8″ X 4 5/8″
Item #: SPW-8045 - 5 1/2″ x 5 1/2″

5 ½" 3 ¾" 2 ⅝" **4X4** 3 ⅝"

8 ¼" 5 ⅝" 3 ¾" **6X6** 5 ⁹⁄₁₆"

Solar Lighting

***Asterisk denotes NON STOCK special order. Please contact ADI customer service.**

Low Profile Solar Light - Bronze

Sold in any quantity.

Solar low profile style post cap with beveled edge glass panels and wood skirt. Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: SC13 - Cedar - 3 5/8" X 3 5/8"
**Item #: ST13** - Treated - 3 5/8" X 3 5/8"

6"
4 1/4"   **4X4**
3 5/8"
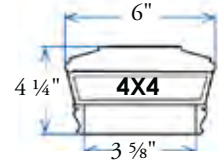
Polaris Tall Solar Light- Bronze

Sold in any quantity.

Tall flat top LED aluminum solar lights with ribbed glass panels. Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: SLW-6045 - 3 5/8" X 3 5/8"
Item #: SLA-6045 - 4 1/16" X 4 1/16"
Item #: *SLT-6045 - 4 3/8" X 4 3/8"
Item #: SLW-8045 - 5 5/8" X 5 5/8" **(+)**
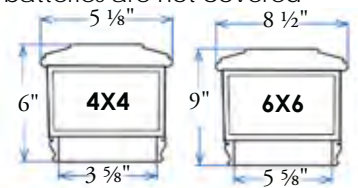
5 1/8"   8 1/2"
6" **4X4**   9" **6X6**
3 5/8"   5 5/8"

THIS CAP MAY BE USED ON MORE POST SIZES BY CHANGING THE BASE, PLEASE SEE PAGE 148 FOR MORE OPTIONS
(+)5 5/8 version has 4 L.E.D lights

Pegasus Solar L.E.D.- White

Sold in any quantity.

Aluminum Flat top solar light with four LED down lights. (Please note that the base on this light may not be interchanged with any other sizes). Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: SPW-5030 - 3 5/8" X 3 5/8"
Item #: SPA-6040 - 4 1/16" X 4 1/16"
Item #: SPC-6040 - 4 3/8" X 4 3/8"
Item #: *SPT-6040 - 4 5/8" X 4 5/8"
Item #: *SPF-6040 - 5 1/8" X 5 1/8"
Item #: *SPW-8040 - 5 1/2" x 5 1/2"

5 1/2"   8 1/4"
3 3/4"   5 5/8"
2 5/8" **4X4**   3 3/4" **6X6**
3 5/8"   5 9/16"
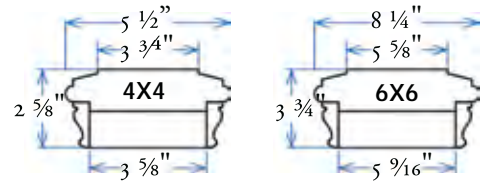
Polaris Tall Solar Light- White

Sold in any quantity.

Tall flat top LED aluminum solar lights with ribbed glass panels. Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: SLW-6040 - 3 5/8" X 3 5/8"
Item #: SLA-6040 - 4 1/16" X 4 1/16"
Item #: *SLT-6040 - 4 5/8" X 4 5/8"
Item #: SLF-6040 - 5 1/16" X 5 1/16"
Item #: SLW-8040 - 5 5/8" X 5 5/8" **(+)**

5 1/8"   8 1/2"
6" **4X4**   9" **6X6**
3 5/8"   5 5/8"

THIS CAP MAY BE USED ON MORE POST SIZES BY CHANGING THE BASE, PLEASE SEE PAGE 148 FOR MORE OPTIONS
(+)5 5/8 version has 4 L.E.D lights

Solar Lighting

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

Low Profile Solar Light - Stainless

Sold in any quantity.

Solar low profile style post cap with beveled edge glass panels and wood skirt. Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: SC12S - Cedar - 3 5/8″ X 3 5/8″
Item #: ST12S - Treated - 3 5/8″ X 3 5/8″

6″
4 ¼″ **4X4**
3 5/8″
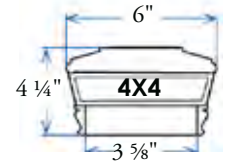
Tiffany Style Solar Light - California Grape

Sold in any quantity.

Solar Tiffany style light with 2 LED bulbs and wood skirt. Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: STGC1 - Cedar - 3 5/8″
Item #: STGT1 - Treated - 3 5/8″

Item #: STGC1E - Cedar - 5 5/8″
Item #: STGT1E - Treated - 5 5/8″

3″
3 ¼″ **4X4**
3 5/8″

8 ½″
4″ **6X6**
5 5/8″
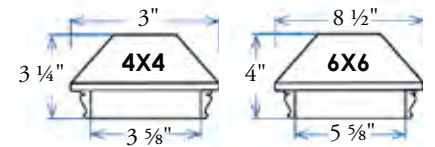
Tiffany Style Solar Light - Sunflower

Sold in any quantity.

Solar Tiffany style light with 2 LED bulbs and wood skirt. Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: STSC1 - Cedar - 3 5/8″
Item #: STST1 - Treated - 3 5/8″

Item #: STSC1E - Cedar - 5 5/8″
Item #: STST1E - Treated - 5 5/8″

3″
3 ¼″ **4X4**
3 5/8″

8 ½″
4″ **6X6**
5 5/8″
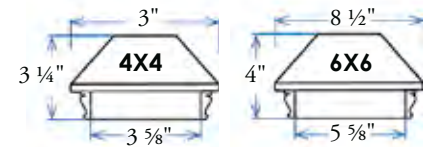
Tiffany Style Solar Light - Mission

Sold in any quantity.

Solar Tiffany style light with 2 LED bulbs and wood skirt. Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: STM1C1 - Cedar - 3 5/8″
Item #:STM1T1 - Treated - 3 5/8″

Item #: STM1C1E - Cedar - 5 5/8″
Item #:STM1T1E - Treated - 5 5/8″

3″
3 ¼″ **4X4**
3 5/8″

8 ½″
4″ **6X6**
5 5/8″

Solar Lighting

Asterisk denotes NON STOCK special order. Please contact ADI customer service.
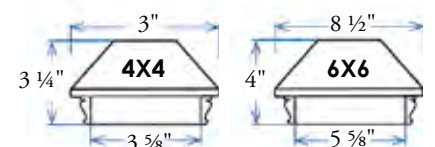
Post and Stair - Solar Lights - Black

Sold in 2 packs.

4″ x 4″ solar post and stair light comes with all necessary hardware to attach to 4″ x 4″ post. Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: SPS14

6″ x 6″ solar post and stair light comes with all necessary hardware to attach to 6″ x 6″ post. Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: SPS14E

Post and Stair - Solar Lights - White

Sold in 2 packs.

4″ x 4″ solar post and stair light comes with all necessary hardware to attach to 4″ x 4″ post. Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: SPS3

6″ x 6 ″ solar post and stair light comes with all necessary hardware to attach to 6″ x 6″ post. Requires 2 ea. AA rechargeable batteries (included). Solar panels and batteries are not covered under warranty.

Item #: SPS3E

Replacement Parts - AA Ni Cad Rechargeable Battery

Sold in any quantity.

AA NiCad rechargeable battery for solar lights (no warranty)

Item #: 1800MAH

Solar Lighting

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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Solar Lighting

Base Converter

Sold in any quantity.

Available in:
white
bronze
black

Base, converts lights and caps to fit 4 1/16" post. This base converter must be used with 5000 or 6000 series post caps. EX: PCA5068

Item #: RLAP-6040 - White
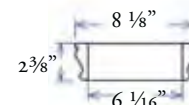**Item #: RLAP-6045** - Bronze
Item #: RLAP-6048 - Black

5 ⅜"
1 ½"
4 ¹⁄₁₆"

Base Converter

Sold in any quantity.

Available in:
white
bronze
black

Base, converts lights and caps to fit 4 3/8" composite posts. This base converter must be used with 5000 or 6000 series post caps. EX: PCA5068

Item #: CLAP-6040 - White
Item #: CLAP-6045 - Bronze
Item #: CLAP-6048 - Black

5 ⅜"
1 ½"
4 ⅜"

Base Converter

Sold in any quantity.

Available in:
white
bronze
black

Base, converts lights and caps to fit 4 5/8" post. This base converter must be used with 5000 or 6000 series post caps. EX: PCA5068

Item #: TLAP-6040 - White
Item #: TLAP-6045 - Bronze
Item #: TLAP-6048 - Black

5 ⅜"
1 ½"
4 ⅝"

Base Converter

Sold in any quantity.

Available in:
white
bronze
black

Base, converts lights and caps to fit 5 1/16" post. This base converter must be used with 5000 or 6000 series post caps. EX: PCA5068
Item #: FLAP-6040 - White
Item #: FLAP-6045 - Bronze
Item #: FLAP-6048 - Black

5 ⅜"
2 ½"
5 ¹⁄₁₆"

Base Converter

Sold in any quantity.

Available in:
white
black

Base, converts lights and caps to fit 6 1/16" post. To be used **ONLY** with **5 5/8" 8000 Series** post caps and lights.

Item #: GLAP-8040 - White
Item #: GLAP-8048 - Black

8 ⅛"
2 ⅜"
6 ¹⁄₁₆"

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FASTENERS

INVISI•FAST
HIDDEN DECK FASTENER™

TigerClaw®
Hidden Deck Fasteners

SplitStop™
HIGH-PERFORMANCE SCREWS
Virtually Eliminates Splitting

Spacing Recommendations

Composite Decking Spacing Recommendations

1/8"	3/16"	1/4"
Correct Deck™	Geodeck™	Trex™
Timber-Tech™	Weather Best™	Rhino Deck™
EverGrain Decking™	Fiberon™ Decking	Symmatrix™
Vekadeck™		ChoiceDek™
Exotics by Monarch™		Veranda™
Azek		Gossen
TrueMarc		TerraDeck
Novation Decking		
Procell™		
Sensibuilt		

Natural Wood Spacing Tip

It's really a personal preference. You can choose to go with a spacer if want to pregap your boards or a no spacer. We are findng that when no spacers are used the deck boards shrink about 1/16". This is on the field testing we have completed, and from contractor feedback. Alot of people prefer this while others would prefer to pregap the deckboards. There is no wrong way to install treated or cedar boards, just whatever your preferance may be.

Made in USA

INVISI·FAST
HIDDEN DECK FASTENER™

Original Invisi-Fast

The INNOVATIVE sizes of Invisi-Fast Hidden Deck Fasteners give you the flexibility you need to properly install and space all types of deck boards. Quantity needed equals 1.75 pieces per square foot of decking.

Note: Joist portion of fastener has 3 holes, only one hole used per connector during installation, other holes provided for defects such as cracks, knots etc….

No Spacer Kit

Sold as a kit.

No spacer 100 piece kit includes 100 no space spacers with 300 ACQ compatible 1 ¼″ screws and square drive bit, covers approx. 60 square feet
Item #: IFA-100-000

No spacer 500 piece kit includes 500 no space spacers with 1,500 ACQ compatible 1 ¼″ screws and square drive bit, covers approx. 300 square feet
Item #: IFA-500-000

1/8″ Spacer Kit

Sold as a kit.

1/8″ 100 piece kit includes 88 spacers and 12 ea. no spacers for perimeter boards with 300 ACQ compatible 1 ¼″ screws and square drive bit, covers approx. 60 square feet
Item #: IFA-100-018

1/8″ 500 piece kit includes 440 ea. spacers and 60 ea. no spacers for perimeter boards with 1,500 ACQ compatible 1 ¼″ screws and square drive bit, covers approx. 300 square feet
**Item #: IFA-500-018**

3/16″ Spacer Kit

Sold as a kit.

3/16″ 100 piece kit includes 88 spacers and 12 ea. no spacers for perimeter boards with 300 ACQ compatible 1 ¼″ screws and square drive bit, covers approx. 60 square feet
**Item #: IFA-100-316**

3/16″ 500 piece kit includes 440 ea. spacers and 60 ea. no spacers for perimeter boards with 1,500 ACQ compatible 1 ¼″ screws and square drive bit, covers approx. 300 square feet
Item #: IFA-500-316

1/4″ Spacer Kit

Sold as a kit.

1/4″ 100 piece kit includes 88 spacers and 12 ea. no spacers for perimeter boards with 300 ACQ compatible 1 ¼″ screws and square drive bit, covers approx. 60 square feet
Item #: IFA-100-014

1/4″ 500 piece kit includes 440 ea. spacers and 60 ea. no spacers for perimeter boards with 1,500 ACQ compatible 1 ¼″ screws and square drive bit, covers approx. 300 square feet
Item #: IFA-500-014

Hidden Fasteners ■ INVISI·FAST™

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INVISI·FAST
HIDDEN DECK FASTENER™

Angled Invisi-Fast for Diagonal Applications

Fasten any deck board at virtually any angle with the unique Angle Fastener.
The Invisi-Fast Angle Fastener uses a round peg so there's no angle it can't handle.

No Spacer Kit

Sold as a kit.

No spacer 100 piece kit includes 100 spacers for perimeter boards with 300 ACQ compatible 1 ¼" screws and square drive bit, covers approx. 50 square feet
Item #: IFLA-100-000

No spacer 400 piece kit includes 400 spacers for perimeter boards with 1500 ACQ compatible 1 ¼" screws and square drive bit, covers approx. 200 square feet
Item #: IFLA-400-000

1/8" Spacer Kit

Sold as a kit.

1/8" 100 piece kit includes 100 spacers and 300 ACQ compatible 1 ¼" screws and square drive bit, covers approx. 50 square feet
Item #: IFLA-100-018

1/8" 400 piece kit includes 360 spacers and 40 spacers for perimeter boards with 1500 ACQ compatible 1 ¼" screws and square drive bit, covers approx. 200 square feet
Item #: IFLA-400-018

3/16" Spacer Kit

Sold as a kit.

3/16" 100 piece kit includes 100 spacers and 300 ACQ compatible 1 ¼" screws and square drive bit, covers approx. 50 square feet
Item #: IFLA-100-316

3/16" 400 piece kit includes 360 spacers and 40 spacers for perimeter boards with 1500 ACQ compatible 1 ¼" screws and square drive bit, covers approx. 200 square feet
Item #: IFLA-400-316

1/4 Spacer Kit

Sold as a kit.

1/4" 100 piece kit includes 100 spacers and 300 ACQ compatible 1 ¼" screws and square drive bit, covers approx. 50 square feet
Item #: IFLA-100-014

1/4" 400 piece kit includes 360 spacers and 40 spacers for perimeter boards with 1500 ACQ compatible 1 ¼" screws and square drive bit, covers approx. 200 square feet
Item #: IFLA-400-014

Hidden Fasteners ■ INVISI·FAST™

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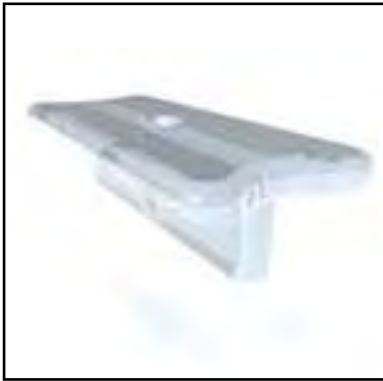
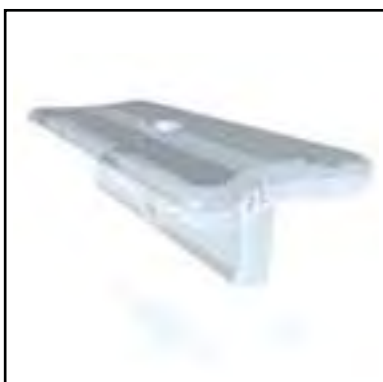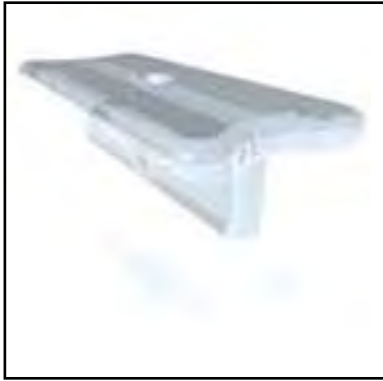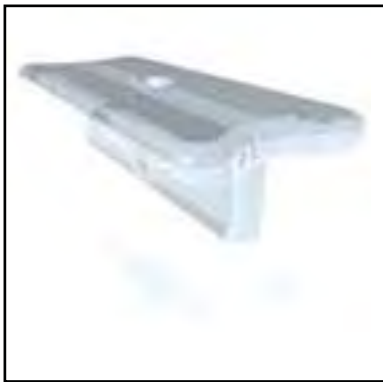## Invisi-Fast Biscuit For Grooved Edge Boards

Sold as a kit.

100 piece Biscuit kit with 100 ea. ACQ compatible screws and square drive bit which covers approx. 60 square feet. Invisi-Fast™ NM works with several pre-grooved boards including Monarch, Fiberon, Veranda, Latitudes, Gossen and others. Invisi-Fast NM also works on boards with machined in grooves that are cut using a standard biscuit jointer or router. Provides 3/16″ board spacing.

Item #:   IF-BSNM-100
Item #:   IF-BSNMB-100 - Black
Item #:   IF-BSNMB-500 - Black
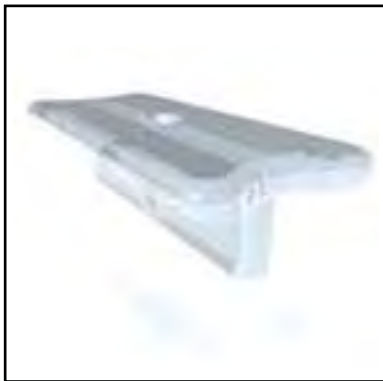
Invisi-Fast Timbertech™ Biscuit For Grooved Edge Boards

Sold as a kit.

100 piece Timbertech compatible Biscuit kit with 100 ea. ACQ compatible screws and square drive bit and covers approx. 60 square feet. Invisi-Fast™ TT was designed to perfectly complement the Timber-Tech grooved boards. Provides 3/16″ board spacing

Item #:   IF-BSTT-100

Invisi-Fast Trex™ Biscuit For Grooved Edge Boards

Sold as a kit.

100 piece Trex™ compatible Biscuit kit with 100 ea. ACQ compatible screws and square drive bit and covers approx. 60 square feet. Invisi-Fast™ TX was custom designed to work with the Trex and Elk Crosstimbers grooved boards. Provides 1/4″ board spacing.

Item #:   IF-BSTXB -100 - Black
Item #:   IF-BSTXB -500 - Black

Invisi-Fast Tiger Deck™ Biscuit For Grooved Edge Boards

Sold as a kit.

100 piece Tiger Deck™ compatible Biscuit kit with 100 ea. ACQ compatible screws and square drive bit and covers approx. 60 square feet. Invisi-Fast™TD was designed to work with the Tigerdeck brand grooved deck boards. Provides 1/4″ spacing.

Item #:   IF-BSTD-100

Hidden Fasteners ■ INVISI•FAST™

Universal Biscuit For 3/4″ Grooved Edge Boards

Sold as a kit.

100 piece compatible Biscuit kit with 100 ea. ACQ compatible screws and square drive bit and covers approx. 60 square feet. Invisi-Fast™TQ works with all grooved 3/4″ thick deckboards. It is designed to work with a 5/32″ groove and provides 1/8″ spacing between boards

Item #:   IF-BSTQ018-100

Universal Biscuit For 3/4″ Grooved Edge Boards

Sold as a kit.

100 piece compatible Biscuit kit with 100 ea. ACQ compatible screws and square drive bit and covers approx. 60 square feet. Invisi-Fast™TQ works with all 3/4″ thick deckboards. It is designed to work with a 5/32″ groove and provides 3/16″ spacing between boards

Item #:   IF-BSTQ316-100

Invisi-Fast™ Dimensions

Invisi-Fast Hidden Deck Fastener
Shown with 1/4" Spacer.
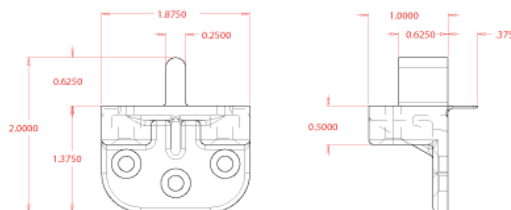
Invisi-Fast Angle Fastener
Shown with 1/4" Spacer.

Hidden Fasteners ■ INVISI•FAST™
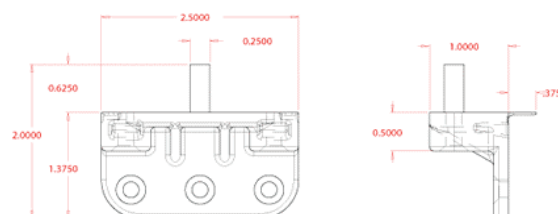
Invisi-Fast Biscuit NM
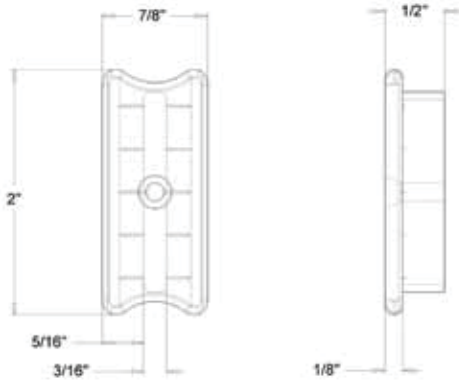
Invisi-Fast Biscuit TQ With 1/8" Spacing
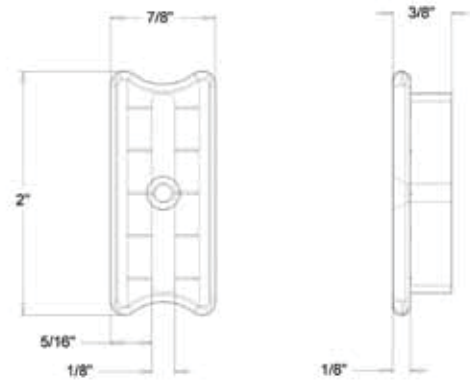
Invisi-Fast Biscuit TQ With 3/16" Spacing
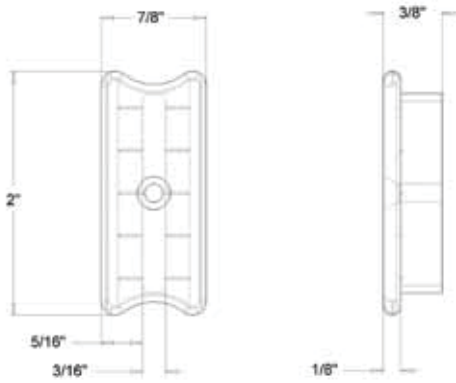
Invisi-Fast Biscuit TD

Invisi-Fast Biscuit TX

Hidden Fasteners ■ INVISI·FAST™

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Hidden Fasteners ■ TIGER CLAW™
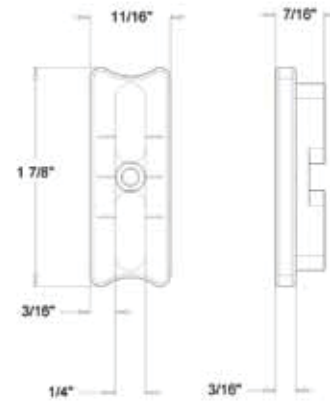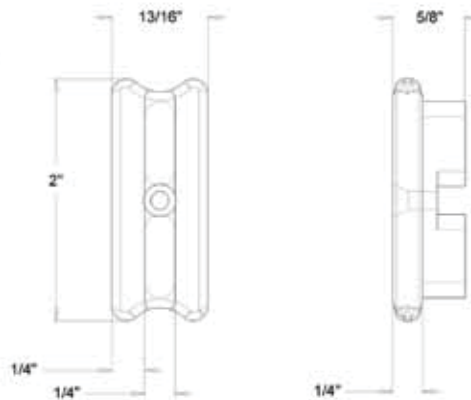
TIGER CLAW RECOMMENDED FASTENER USAGE GUIDE

Material	Decking Brand	Recommended Fastener
COMPOSITE	Trex	Hideaway *
	TimberTech	CONCEALoc *
	Evergain	EG 1-2-3
	Elements	TC-3S †
	Veranda	TC-3S †/ TC-G (TC-150)*
	Kodiak	TC-G (TC-150) *
	Latitudes	TC-G (TC-150)*
	ChoiceDek	TC-3S †/ TC-G (TC-150)*
	Best Deck	Best Deck Fastener
	Portico	TC-G (TC-150)*
	Fiberon	TC-G (TC-150)*
	Monarch	TC-G (TC-150)*
	Horizon (Fiber Composites)	TC-G (TC-150)*
	MoistureShield	TC-3S
	Ultra Deck Solid	TC-G (TC-150)*
	Ultra Deck Reversible	TC-3S †
PVC	AZEK	Proclip †/ TC-3 †
	Cellek	TC-G (TC-150) *
	Gossen	TC-G (TC-150) *
	Guardeck	TC-3 †/ TC-G (TC-150)*
	Endeck	TC-3S †
	Envision PVC (TAMKO)	TC-G (TC-150)*
	Veka	TC-3S †
	XLM (TimberTech)	CONCEALoc *
	Escapes (Trex)	TC-3S †
	Truemarc	Truemarc *
	TUFdeck	TC-3 †/ TC-G (TC-150)ᵠ *
	Sensibuilt	TC-3S †
	WeatherReady	TC-G (TC-150)*
WOOD	Western Red Cedar	TC-1S / TC-2S
	Port Orford Cedar (kiln dried)	TC-3S †
	Pressure Treated Pine	TC-1S / TC-2S
	Redwood	TC-1S / TC-2S
	Mahogany	TC-3S †
	5/4 x 4 (25mm x 100mm) Hardwood / Ipé	TC-G (TC-150)ᵠ *
	5/4 x 6 (25mm x 152mm) Hardwood / Ipé	TC-G (TC-150)ᵠ *
	3/4 x 4 (19mm x 100mm) Hardwood / Ipé	TC-120 ††/ TC-4S †
	3/4 x 6 (19mm x 152mm) Hardwood / Ipé	TC-120 ††
High Performance Deck Screws work well with any decking material		

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

TC1S90 - 90 Piece Box

Coated Steel for softwood 90 pc. box with screws. For use on pressure treated lumber, cedar, redwood and other softwood species.

90 piece box covers approx. 50 square feet of decking

TC2S90 - 90 Piece Box

Heavy Gauge Stainless Steel for softwood 90 pc. box with screws. For use on pressure treated lumber, cedar, redwood and other softwood species.

90 piece box covers approx. 50 square feet of decking

TC2S900 - 900 Piece Pail

Heavy Gauge Stainless Steel for softwood, 900 pc. pail with screws. For use on pressure treated lumber, cedar, redwood and other softwood species.

900 piece pail covers approx. 500 square feet of decking

TC3S90 - 90 Piece Box

Hardened heavy gauge stainless steel for composites, 90 pc. box with screws. For use on most composite decking materials and also for medium density hardwoods like Canberra and Mahogany.

90 piece box covers approx. 50 square feet of decking

TC3S900 - 900 Piece Pail

Hardened heavy gauge stainless steel for composites, 900 pc. pail with screws. For use on most composite decking materials and also for medium density hardwoods like Canberra and Mahogany.

900 piece pail covers approx. 500 square feet of decking

Hidden Fasteners ■ TIGER CLAW™

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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Hidden Fasteners ■ **TIGER CLAW™**

TC4S 90   - 90 Piece Box

Hardened stainless steel fastener for hardwoods, 90 pc. box with screws. For use on hardwood decking such as ipe, ironwood or Brazilian redwood. Not for use on boards greater than 4″ wide. Use TC-G on larger boards.

90 piece box covers approx. 50 square feet of decking

TCPROCLIP90 - 90 Piece Box

Hardened stainless steel fastener for PVC decking, 90 pc. box with screws. For use on cellular PVC decking like Veka™or Azek Procell™

90 piece box covers approx. 50 square feet of decking

TCPROCLIP1400 - 1,400 Piece Box

Hardened stainless steel fastener for PVC decking, 1400 pc. pail with screws. For use on cellular PVC decking like Veka™or Azek Procell™

1400 piece pail covers approx. 750 square feet of decking

TCG90 - 90 piece bag

Stainless steel fastener for grooved 5/4″ boards, comes with screws. For use on pre-grooved boards or conventional boards with biscuit router groove. Each bag will cover 50 square feet.

90 piece bag covers approx. 50 square feet of decking

TC120 - 90 piece bag

Stainless steel fastener for 3/4″ hardwood grooved boards, comes with screws. For use on pre-grooved boards or conventional boards with biscuit router groove. Each bag will cover 50 square feet.

90 piece bag covers approx. 50 square feet of decking

TCSLOTCUTTER- Slot Cutter

The SlotCutter allows you to cut grooves into the edges of deck boards to facilitate using the TC-G or TC-120 style hidden fastener.

Item #: TCSLOTCUTTER- Slot Cutter for TC-G fastener
Item #: TCSLOTCUTTER- Slot Cutter for TC-120 fastener

TCGUN

Pneumatic semi-automatic screw gun, shoots scrails and works with TCG, Concealoc and Phantom fasteners by Tiger Claw. 3-5 Times faster than conventional installation. Comes complete with carrying case**.**

Item# TCGUN- Includes installation gun, case, hose fitting, safety glasses, installation video and instructions

Item# TCG900 - 900 count bucket of fasteners only (no scrails included)
 covers approx. 500 square feet of decking

Item# TCGSG - 935 count Box of collated scrails **for TC Gun only**

Hidden Fasteners ■ TIGER CLAW™

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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Available in:

Grey

Tan

ACQ Rated - Star Drive Wood Screws

ACQ Rated for treated lumber assorted qty packaging. For use on pressure treated lumber, cedar, redwood and other wood species, **requires T20 star drive bit (included)**

2" SCREWS

Grey		Tan	
Item #: BTA20G	#6 x 2" 400 count builder pack	Item #: BTA20T	#6 x 2" 400 count builder pack
Item #: *ITA20G	#6 x 2" 1775 count Industrial pack	Item #: *ITA20T	#6 x 2" 1775 count Industrial pack

2 1/2" SCREWS

Grey		Tan	
Item #: BTA25G	#8 x 2 1/2" 275 count builder pack	Item #: BTA25T	#8 x 2 1/2" 275 count builder pack
Item #: *ITA25G	#8 x 2 1/2" 1200 count Industrial pack	Item #: *ITA25T	#8 x 2 1/2" 1200 count Industrial pack
Item #: PTA25G	#8 x 2 1/2" 2100 count pail, Grey	Item #: PTA25T	#8 x 2 1/2" 2100 count Industrial pail

3" SCREWS

Grey		Tan	
Item #: BTA30G	#8 x 3" 235 count builder pack	Item #: BTA30T	#8 x 3" 235 count builder pack
Item #: ITA30G	#8 x 3" 1025 count Industrial pack	Item #: ITA30T	#8 x 3" 1025 count Industrial pack
Item #: PTA30G	#8 x 3" 1750 count pail	Item #: PTA30T	#8 x 3" 1750 count Industrial pail

Stainless Steel- Star Drive Wood Screws

Stainless Steel for soft woods assorted qty packaging. For use on pressure treated lumber, cedar, redwood and other softwood species, **requires T20 star drive bit (included)**

2" Screws

Item #: *BTS20	#6 x 2" 400 count builder pack
Item #: *ITS20	#6 x 2" 1775 count Industrial pack

2 1/2" Screws

Item #: BTS25	#8 x 2 1/2" 275 count builder pack
Item #: *ITS25	#8 x 2 1/2" 1200 count Industrial pack
Item #: *PTS25	#8 x 2 1/2" 2100 count pail

3" Screws

Item #: *BTS30	#8 x 3" 235 count builder pack
Item #: *ITS30	#8 x 3" 1025 count Industrial pack
Item #: *PTS30	#8 x 3" 1750 count pail

Stainless Steel- Exotic Brown Painted Head Wood Screws

Stainless Steel Exotic Brown painted head for soft woods assorted qty packaging. For use on pressure treated lumber, cedar, redwood and other wood species, **requires T25 star drive bit (included)**

2 1/2" Screws

Item #: BTS25E	#8 x 2 1/2" 275 count builder pack
Item #: *ITS25E	#8 x 2 1/2" 1200 count Industrial pack

3" Screws

Item #: *BTS30E	#8 x 3" 235 count builder pack
Item #: *ITS30E	#8 x 3" 1025 count Industrial pack

High Performance Screws ■ Split Stop™

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

Available in:

Grey

Cedar

Redwood

Dark Brown

Stainless Steel

Composite - Star Drive Screws

T3 High Performance screws in assorted qty packaging. For use on all types of composite   deck boards and trim, **requires T20 star drive bit (included)**

2" SCREWS

Grey
Item #: B3G20   #6 x 2" 400 count builder pack
Item #: I3G20   #6 x 2" 1775 count Industrial pack

Cedar
Item #: B3C20   #6 x 2" 400 count builder pack
Item #: *I3C20   #6 x 2" 1775 count Industrial pack

Redwood
Item #: B3R20   #6 x 2" 400 count builder pack
Item #: *IBR20   #6 x 2" 1775 count Industrial pack

Dark Brown
Item #: B3B20   #6 x 2" 400 count builder pack
Item #: *I3B20   #6 x 2" 1775 count Industrial pack

2 1/2" SCREWS

Grey
Item #: B3G25   #8 x 2 1/2" 275 count builder pack
Item #: I3G25   #8 x 2 1/2" 1200 count Industrial pack
Item #: P3G25   #8 x 2 1/2" 2100 count pail
Item #: P3G25C #8 x 2 1/2" 1000 count collated pail

Cedar
Item #: B3C25   #8 x 2 1/2" 275 count builder pack,
Item #: I3C25   #8 x 2 1/2" 1200 count Industrial pack
Item #: P3C25   #8 x 2 1/2" 2100 count pail
Item #: P3C25C #8 x 2 1/2" 1000 count collated pail

Redwood
Item #: B3R25   #8 x 2 1/2" 275 count builder pack
Item #: I3R25   #8 x 2 1/2" 1200 count Industrial pack
Item #: P3R25   #8 x 2 1/2" 2100 count pail
Item #: P3R25C #8 x 2 1/2" 1000 count collated pail I

Dark Brown
Item #: B3B25   #8 x 2 1/2" 275 count builder pack
Item #: I3B25   #8 x 2 1/2" 1200 count Industrial pack
Item #: P3B25   #8 x 2 1/2" 2100 count pail
Item #: P3B25C #8 x 2 1/2" 1000 count collated pail

Stainless Steel
Item #: B3S25   #10 x 2 1/2" 275 count builder pack
Item #: I3S25   #10 x 2 1/2" 1200 count Industrial pack

3" SCREWS

Grey
Item #: *B3G30   #8 x 3" 235 count builder pack
Item #: *I3G30   #8 x 3" 1025 count Industrial pack
Item #: *P3G30   #8 x 3" 1750 count Industrial pack

Cedar
Item #: *B3C30   #8 x 3" 235 count builder pack
Item #: *I3C30   #8 x 3" 1025 count Industrial pack
Item #: P3C30   #8 x 3" 1750 count pail

Redwood
Item #: *B3R30   #8 x 3" 235 count builder pack
Item #: I3R30   #8 x 3" 1025 count Industrial pack
Item #: *P3R30   #8 x 3" 1750 count pail

Dark Brown
Item #: *B3B30   #8 x 3" 235 count builder pack
Item #: I3B30   #8 x 3" 1025 count Industrial pack
Item #: *P3B30   #8 x 3" 1750 count pail

High Performance Screws ■ Split Stop™

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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Available in:

WHITE

White- Cellular PVC Trim Screws

White painted trim screws for cellular PVC facia and trim, **requires T15 star drive bit (included)**

2" SCREWS

Item #: BCW20   #6 x 2" 400 count builder pack, standard head star drive

2 1/2" SCREWS

Item #: BCW25   #6 x 2 1/2" 275 count builder pack, standard star drive

1/4" Drive Star Drive Bits - High Performance Accessory

1/4" Hex insert drive apex bits available in 3 different sizes

T15   T20   T25

1/4" Drive Star Drive Bits - High Performance Accessory

1/4" Hex insert gun drive apex bits available in 4 different sizes for 4 different style guns

Item #: ABT205C   Milwaukee T20 140 MM Star Drive Bit, 3 Bits per card

Item #: ABT206C   Senco T20 160 mm, Star Drive Bit, 3 bits per card

Item #: ABT207C   Grabber/Hitachi T20 180 mm Star Drive Bit, 3 bits per card

Item #: ABT208C   Senco T20 230 mm Star Drive Bit, 3 bits per card

AVAILABLE SPLIT STOP ™ COLORS
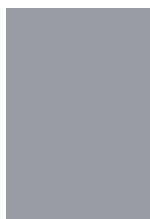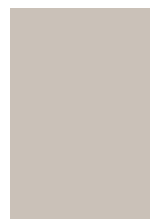
| Grey | Cedar | Redwood | Dark Brown | Stainless Steel | Tan |

Colors shown are an approximate representation only, please see actual product sample when selecting color

High Performance Screws ■ Split Stop™

Asterisk denotes NON STOCK special order. Please contact ADI customer service.

ALUMINUM DECKING
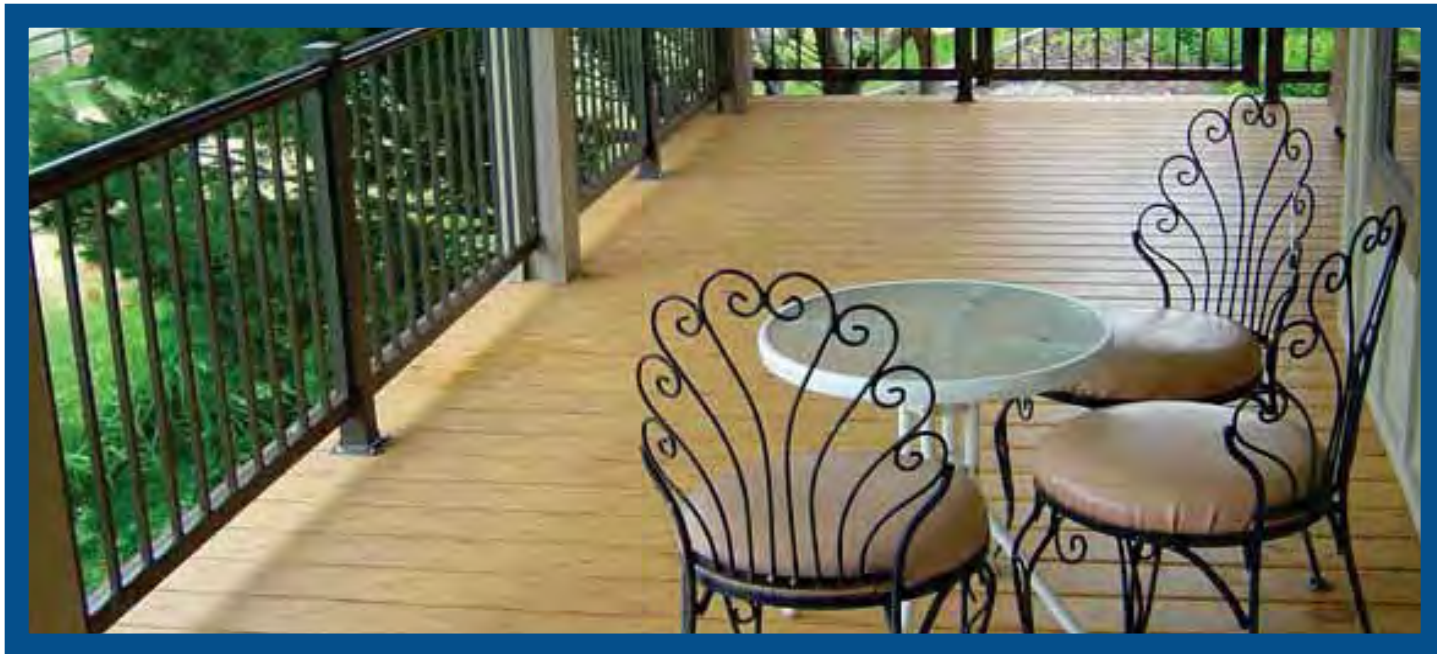
Last-Deck™ Aluminum Decking   pg 164 - 167

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Last-Deck™ Aluminum decking is manufactured to order. Please allow 3-4 weeks for delivery of product. Freight will be quoted per order and no returns on Last-Deck product.

Made in USA

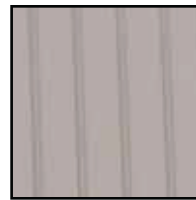Last-Deck

Made in USA

Series 100 Aluminum Deck Planking

Series 100 all aluminum tongue and groove deck planking with durable powder coat finish and limited life time warranty. Planks are available in 2′ increments for 12′ to 20′ with 9 standard colors and 7 wood grain colors all shown below

12′	**Item # LD10012** + color code
14′	**Item # LD10014** + color code
16′	**Item # LD10016** + color code
18′	**Item # LD10018** + color code
20′	**Item # LD10020** + color code

Please note:
Last-Deck™ Aluminum decking is manufactured to order. Please allow 3-4 weeks for delivery of product. Freight will be quoted per order and no returns on Last-Deck product.

Standard Colors

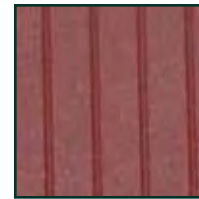WHITE: WH   SANDTONE : ST   LIMESTONE : LS   PUTTY : PU   LIGHT GRAY : LG

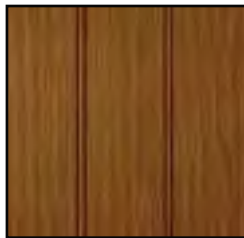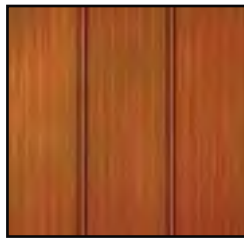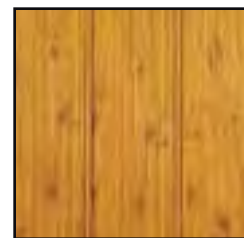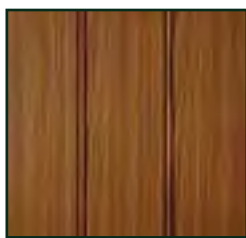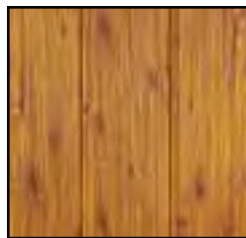FROSTED CHARCOAL : FC   CEDAR : CD   BRONZE : CB   REDWOOD : RW
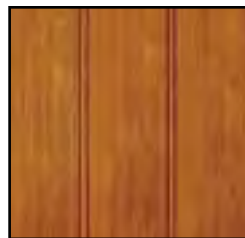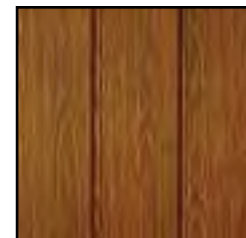
Wood Grain Colors

NEVADA OAK
733NE

REDWOOD
733RE

KNOTTY PINE
716KN

CHESTNUT
733CH

FULL KNOTTY PINE
716FU

MEDITERRANEAN CHERRY
716ME

NATURAL OAK
733NA

Decking ■ Last -Deck™

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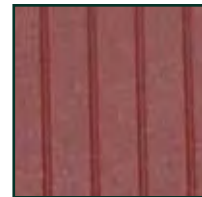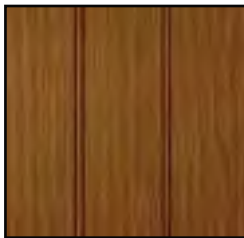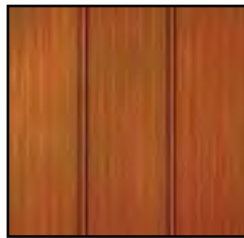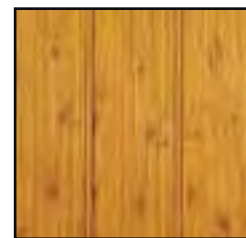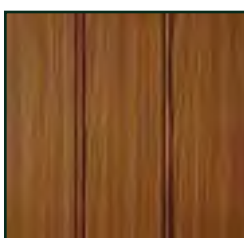
Asterisk denotes NON STOCK special order. Please contact ADI customer service.

Series 200 Aluminum Deck Planking (Watertight)

Series 200 watertight all aluminum tongue and groove deck planking with durable powder coat finish and limited life time warranty. Planks are available in 2′ increments for 12′ to 24′ with 9 standard colors and 7 wood grain colors all shown below

12′	**Item # LD20012** + color code
14′	**Item # LD20014** + color code
16′	**Item # LD20016** + color code
18′	**Item # LD20018** + color code
20′	**Item # LD20020** + color code
22′	**Item # LD20022** + color code
24′	**Item # LD20024** + color code

Please note:
Last-Deck™ Aluminum decking is manufactured to order. Please allow 3-4 weeks for delivery of product. Freight will be quoted per order and no returns on Last-Deck product.

Standard Colors

WHITE: WH   SANDTONE : ST   LIMESTONE : LS   PUTTY : PU   LIGHT GRAY : LG

FROSTED CHARCOAL : FC   CEDAR : CD   BRONZE : CB   REDWOOD : RW

Wood Grain Colors

NEVADA OAK
733NE

REDWOOD
733RE

KNOTTY PINE
716KN

CHESTNUT
733CH

FULL KNOTTY PINE
716FU

MEDITERRANEAN CHERRY
716ME

NATURAL OAK
733NA

Decking ■ Last-Deck™

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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Edge/Perimeter Trim

Sold in any quantity.

Edge trim made of high quality powder coated aluminum and works for **both the 100 and 200 series deck planks,** attaches with color matched stainless steel screws sold separately below

12' **Item # LD100E12** + color code
14' **Item # LD100E14** + color code
16' **Item # LD100E16** + color code
18' **Item # LD100E18** + color code
20' **Item # LD100E20** + color code

Made in USA.

Starter Piece

Sold in any quantity.

Starter piece needed as the first piece in most installations, made of high quality powder coated aluminum. Please note series when ordering

Made in USA.

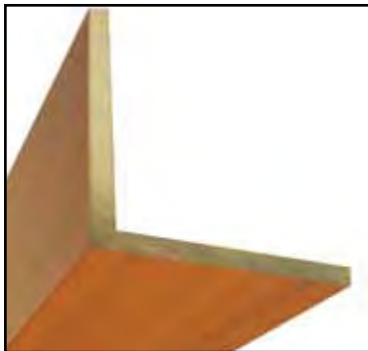| 100 SERIES	200 SERIES
12' **Item # LD100S12** + color code	12' **Item # LD200S12** + color code
14' **Item # LD100S14** + color code	14' **Item # LD200S14** + color code
16' **Item # LD100S16** + color code	16' **Item # LD200S16** + color code
18' **Item # LD100S18** + color code	18' **Item # LD200S18** + color code
20' **Item # LD100S20** + color code	20' **Item # LD200S20** + color code

Marriage/Splice Strip

Sold in any quantity.

Marriage strip made of high quality powder coated aluminum and works for **both the 100 and 200 series deck planks,** allows deck boards to be spliced at ends for long runs and attaches with stainless steel screws sold separately below

12' **Item # LD100M12** + color code
14' **Item # LD100M14** + color code
16' **Item # LD100M16** + color code
18' **Item # LD100M18** + color code
20' **Item # LD100M20** + color code

Made in USA.

20' Angle Flashing for 200 series only

Sold in any quantity.

Angle Flashing powder coated and made exclusively for the 200 series deck plank, comes in 20 foot section only and comes with 11 color matched powder coated stainless steel fasteners
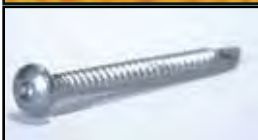
Item # LD200A20 + color code

Made in USA.

Edge Screw

Edge trim screw made from stainless steel and powder coated to match
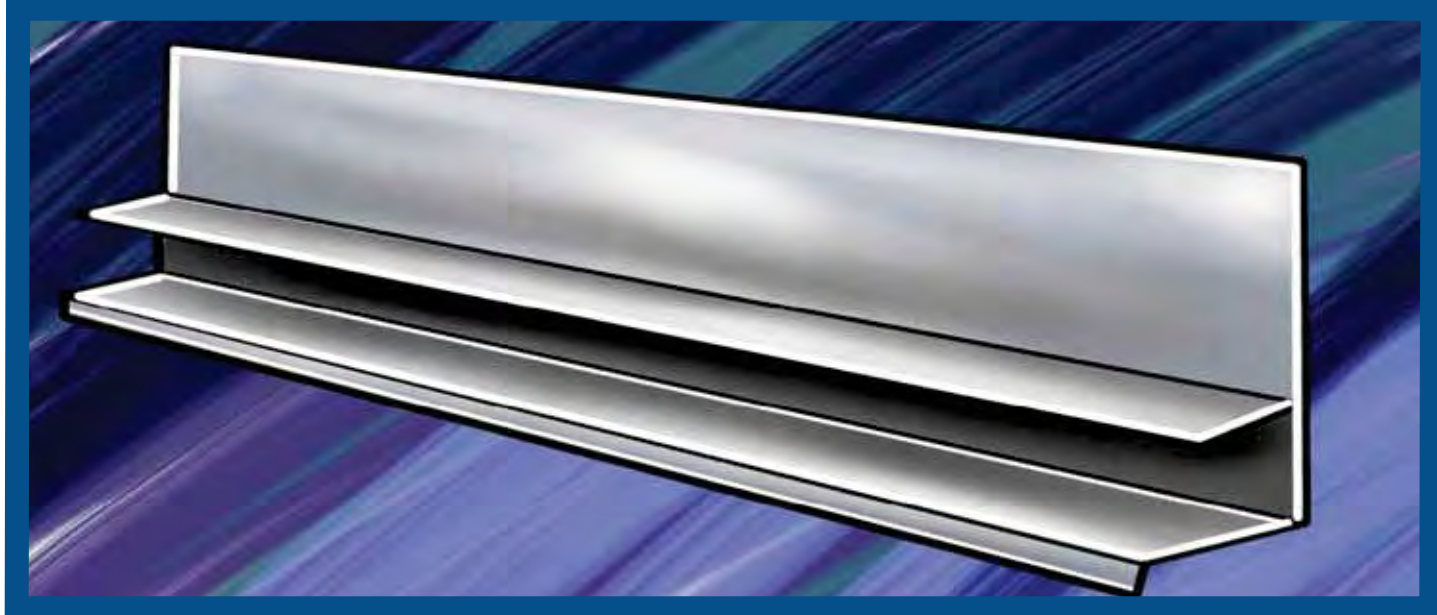
Item # LDSCR8 + color code

Deck Screw

Stainless steel square drive deck screw for securing deck planks to joints

Item # LDSCR10

Decking ■ Last -Deck™

Decking ■ Last-Deck™

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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EVERFLASHING™ LEDGER FLASHING

Made in USA

EVERFLASHING
Patented
The leading edge Flashing for the Deck Professional

DECK 2 WALL
spacer
by Decks Unlimited

Everflashing Galvanized G185 1.5" ledger flashing

Sold in any quantity.

Galvanized flashing meant to be used with 1 1/2″ ledger board and sold in 8′ lengths

8′ - Item # EFLEDGEG185-8

Subject to oversize freight charges and not available in all areas due to carrier restrictions

Everflashing Galvanized G285 2 1/8" ledger flashing

Sold in any quantity.

Galvanized flashing meant to be used with 1 1/2″ ledger board along **with Deck 2 Wall Spacer** and sold in 8′ lengths

8′ - Item # EFLEDGEG285-8

Subject to oversize freight charges and not available in all areas due to carrier restrictions

Everflashing Stainless Steel 1.5" ledger flashing

Sold in any quantity.

Stainless steel flashing meant to be used with 1 1/2″ ledger board and sold in 8′ lengths

Item # EFLEDGE1SS

Subject to oversize freight charges and not available in all areas due to carrier restrictions

Everflashing Stainless Steel 2 1/8" ledger flashing

Sold in any quantity.

Stainless steel flashing meant to be used with 1 1/2″ ledger board along **with Deck 2 Wall spacer** and sold in 8′ lengths

Item # EFLEDGE2SS

Subject to oversize freight charges and not available in all areas due to carrier restrictions

Deck 2 Wall Spacer

Sold in any quantity.

Deck 2 Wall Spacer provides 5/8″ space between deck ledger board and structure hardware not included
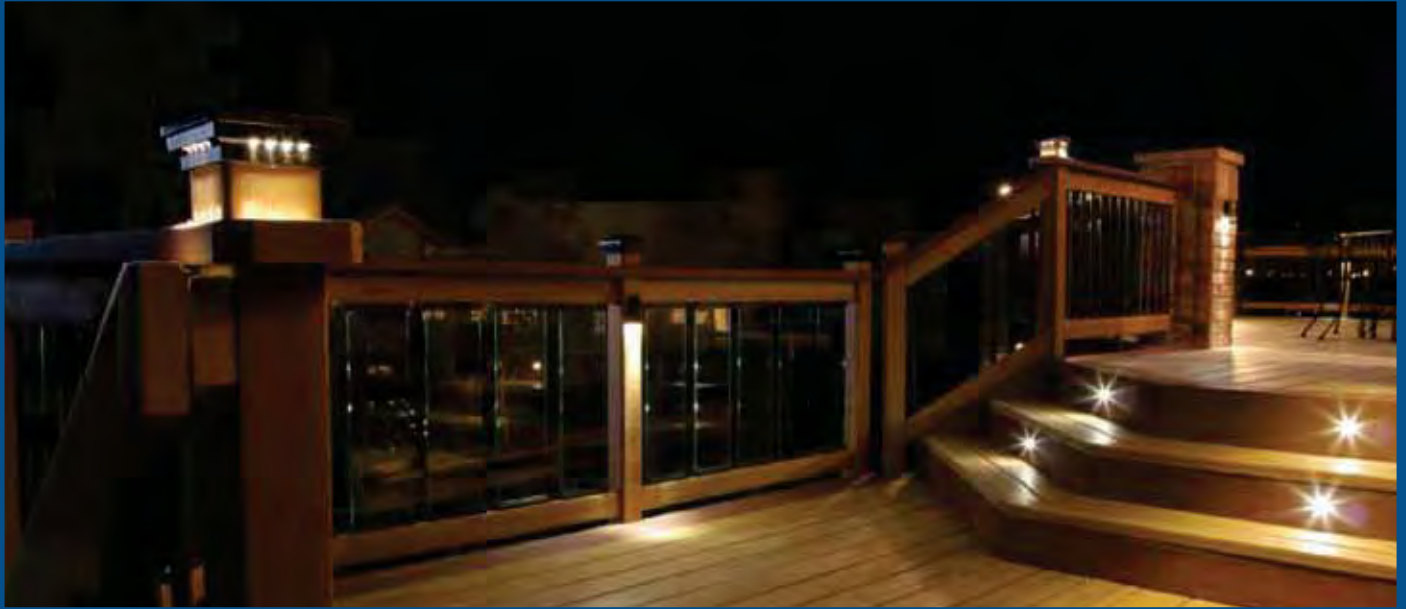
Item # D2W5

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

Flashing ■ Everflash™ & Deck to Wall Spacer™

Everflash Counter Display
Item # S11EVERFLASHDISPLAY

Flashing ■ Everflash™ & Deck to Wall Spacer™

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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INSTALLATION TOOLS

BW-2, One Man, Hands Free, Self-locking Tool

BW-2, One man, hands free, self-locking tool for bending warped boards into place. Also speeds installation of Tongue & Groove boards and plywood.

Slot Cutter

Sold in any quantity.

Allows you to cut grooves into the edges of deck boards to facilitate using the TC-G style hidden fastener.

Item #: TCSLOTCUTTER

Item #: TCSLOTCUTTER-120

TCGUN

Pneumatic semi-automatic screw gun, shoots scrails and works with TCG, Concealoc and Phantom fasteners by Tiger Claw. 3-5 Times faster than conventional installation. Comes complete with carrying case.

Item# TCGUN- Includes installation gun, case, hose fitting, safety glasses, installation video and instructions

Item# TCG900 - 900 count bucket of fasteners only (scrails not included) covers approx. 500 square feet of decking

Item# TCGSG - 935 count Box of collated scrails **for TC Gun only**

Tools & Jigs

Asterisk denotes NON STOCK special order. Please contact ADI customer service.
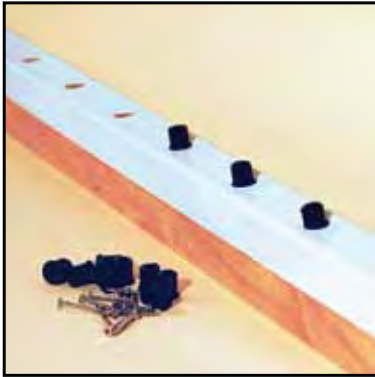
ADI Standard Connector Rail Jig

RAILTEMP, Standard Connector rail jig for Deckorators™ baluster connectors. Spaces connectors 4 1/2″ on center for a 3 3/4″ opening between balusters. Provides consistent spacing and centering, saves installation time.
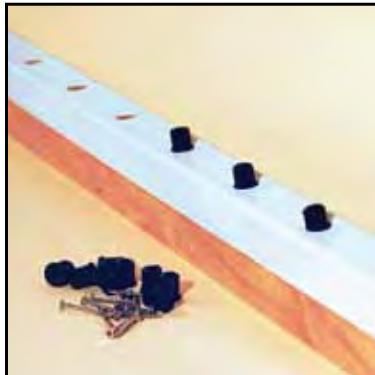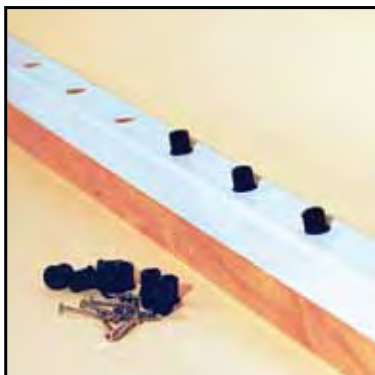
Item # RAILTEMP - 60″ length

ADI Designer Connector Rail Jig

RAILTEMPDES, Designer Connector rail jig for Deckorators™ Designer baluster connectors. Spaces connectors 4 1/2″ on center for a 3 3/4″ opening between balusters. Provides consistent spacing and centering, saves installation time.

Item # RAILTEMPDES - 60″ length

Standard Connector Rail Jig

Standard Connector rail jig for 3/4″round baluster connectors. Spaces connectors 4 1/2″ on center for a 3 3/4″ opening between balusters. Provides consistent spacing and centering while saving on installation time.

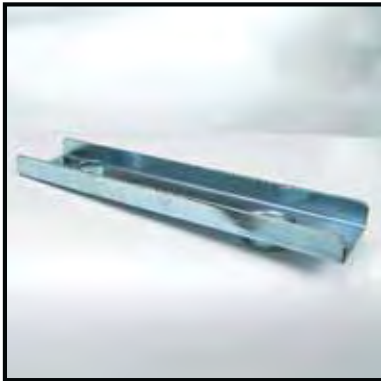**Item # RAILTEMPRD -** 60″ length

Square Connector Rail Jig

RAILTEMPSQ, Standard Connector rail jig for 3/4″ square baluster connectors. Spaces connectors 4 1/2″ on center for a 3 3/4″ opening between balusters. Provides consistent spacing and centering while saving on installation time.

Item # RAILTEMPSQ - 60″ length

Tools & Jigs

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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Dekor™ Drill Guide

Sold in any quantity.

Drill guide makes drilling 2″ x 4″ dimensional lumber easy, keeps holes evenly spaced and centered. Must be used with .900″ forstner bit sold separately. For use with Dekor end caps.

Item #: DKRGUIDE

Forstner Bits

Sold in any quantity.

Forstner bits for baluster and end cap installation

Item #: 52502000 - 1″ Forstner Bit (Fortress™)

Item #: DKRFB - .900″ Forstner Bit (De-kor™)

Cable Railing Basic Install Kit

Sold as a Kit.

Install kit includes tools for basic cable railing installations. Kit include 7/16″ and 5/64″ diameter drill bits, cable cut off kit, push lock release tool, and 5/32″ allen wrench

Item #: ADICRKIT

Push Lock Release Key

Sold in any quantity.

Release key allows the release of an untensioned cable from Pull-Lock™ and Push-Lock™ fittings if removal becomes necessary

Item #: PLKEY - PL-Key Push Lock Release Tool

Tools & Jigs

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

Cable Cutters

Sold in any quantity.

Cable cutter designed for burr free cutting of 1/8"stainless steel cable

Item #: C7HIT

Hanger Bolt Driver

Sold in any quantity.

Hardened steel socket makes driving hanger bolts fast and effortless. For use with cable rail installations
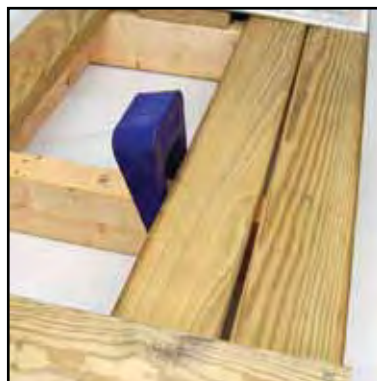
Item #: HB6N

Cable Cut Off Kit

Sold in any quantity.

Used to cut cable flush to the end of Pull-Lock™ fittings and excess threads from stud type tensioners. (Includes mandrel and 2 cut off wheels

Item #: CUTOFKIT

Deck Wedge

Sold in any quantity

Handy Deck Wedge Board Straightener. Has hardened steel cuttting edge that bites into joist and moves your bowed board into place as it is driven down. Easily removed with the claw of a hammer.

Item# DECKWEDGE

Bottom View

Top View

Tools & Jigs

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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DISPLAYS, LITERATURE AND SAMPLES

ALUMINUM *Solutions* BALUSTERS

Displays, Literature & Samples

Item #
L02SML004

Consumer Literature
Item # L02SML003

Solutions Color Sample Box
Item # S02BALUSTERSAMPLES

L SHAPE DISPLAY
Item # S02SOLUTIONSLSHAPE

Solutions Sales Stair Sample
Item # S08401932

Solutions Glass Floor Display
Item # S08401936

Consumer Literature

Item # L08SML001

Item # L08SML002

SOLUTIONS FLOOR DISPLAY
Item # S08401930

Solutions Quick-Quote Fax Form
Item # S08QQFF

Displays, Literature & Samples

Displays, Literature & Samples

TigerClaw® Hidden Deck Fasteners

Consumer Literature
Item # L09TCBROCHURE

Sample Bag

Item # S09TCSAMPLEPACK

INVISI·FAST
HIDDEN DECK FASTENER™
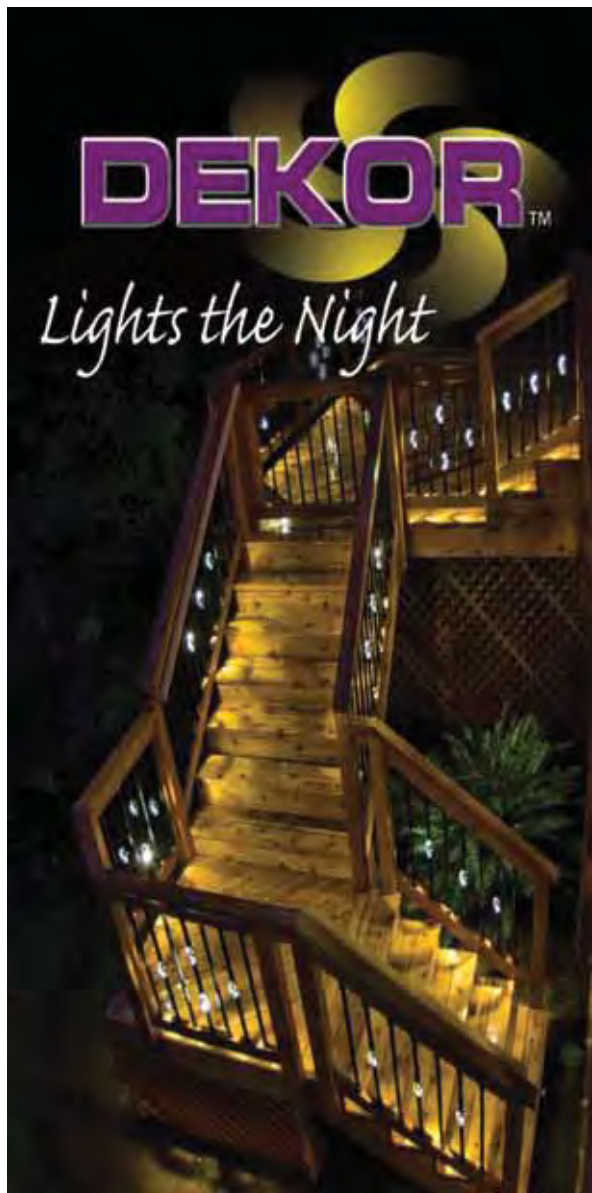

Consumer Brochure
Item # L04INVISIBROCH

Sample Pack
Item # S04IFSAMPLEPACK

Titan™ 4x4 Display
Item # S10TITAN4X4DISPLAY

Consumer Brochure
Item # L10TITANTRIFOLD

Displays, Literature & Samples

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Displays, Literature & Samples

Consumer Brochure
Item # L06BROCHSTD

DEKOR™ Baluster Display
Item # SO6DKRDISPLAY2011

DEKOR™ Color Samples
Item # S06DKRCLRCHN

Last-Deck™ Walkon Display
Item # S12LDWOODDISPLAY

Last-Deck™ Walkon Display
Item # S12LDSTDDISPLAY

Last-Deck™ Brochure
L12LDBROCURE

Last-Deck™ Color Samples
Item # S12LDWOODCOLOR

Last-Deck™ Color Samples
Item # S12LDSTDCOLOR

Displays, Literature & Samples

ADI™ Cable Railing Brochure
Item # L19CRBROCURE

Cable Railing Quick-Quote Fax Form
Item # S19QQFF

ADI Cable Railing Counter Display
Item # S19CRCTDISPLAY

Displays, Literature & Samples

Everflashing Sample Piece
Item # S11EVERFLASHS185SAMP

Everflashing Counter Display
Item # S11EVERFLASHDISPLAY

Tehk Color Floor Display
Item # S12TKDISPLAY2011

Tehk Consumer Brochure
Item # L12TEHKBROCHURE

Displays, Literature & Samples

Displays, Literature & Samples

Baluster Color Sample Box
Item # S17BALUSTERSAMPLES

Integra Consumer Literature
Item # L17INTEGRACONSLIT

Integra Countertop Display
Item # S17INTEGRACTDIS

Integra Countertop Display
Item # S17INTEGRACTDIS
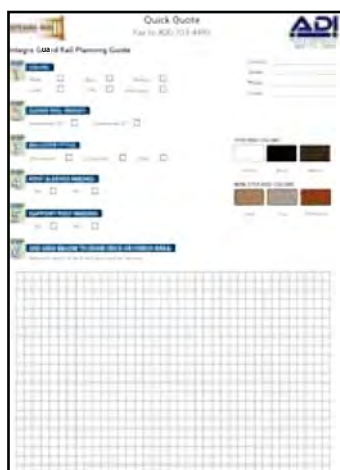
Integra Quick-Quote Fax Form
Item # L17QQFF

Integra Full Assembly Display
Item # S17INTEGRADIS

Fortress AL13 Floor Display
Item # S18AL13FLRDISPLAY

Fortress Fe26 Counter Top Display
Item # S18FE26CTDISPLAY

Fortress Consumer Brochure
Item # L18FORTRESSCONSLIT
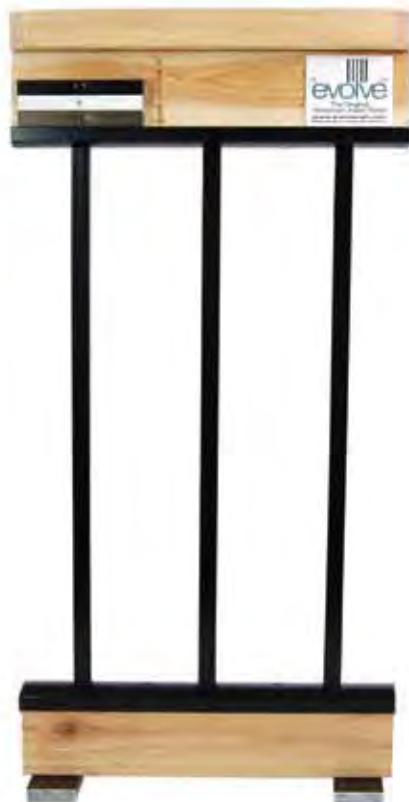
Fortress Railing Catalog
Item # L18FORTRAILCAT

Fortress Full Line Catalog
Item # L18FORTFULLINECAT

Displays, Literature & Samples

Displays, Literature & Samples

Evolve Consumer Literature
Item # L16EVOLVECONSLIT

Evolve Color Sample
Item # S16BALUSTERSAMPLES

Evolve Floor Display
Item # S16EVOLVEFLRDISP

Evolve Stair Display
Item # S16EVOLVESTRDISP
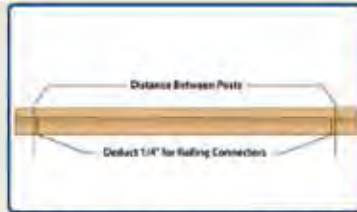
INSTALLATION INFORMATION & FAQ'S

Solutions

3/4" ALUMINUM BALUSTERS
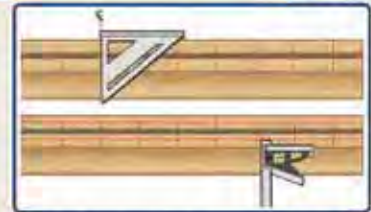### LEVEL AND STAIR INSTALLATION GUIDE

LEVEL

STEP #1 - Plumb posts/mounting surfaces. Measure inside distance of posts/mounting surfaces.

STEP #2 - Using step - 1 measurement, deduct 1/2" from total measurement for railing connectors (if not using railing connectors, cut to step - 1 measurement). Cut both top and bottom rails.

STEP #3 - Lay top and bottom rails beside each other and flush ends. Find the center of rails and mark **lightly**. Measure out 4-1/2" from both sides of center line and mark **lightly**. End spacing will vary. Set a combination square for center (example: 1-1/2" = 3/4") and mark **lightly**. Where lines intersect will be the center of baluster.
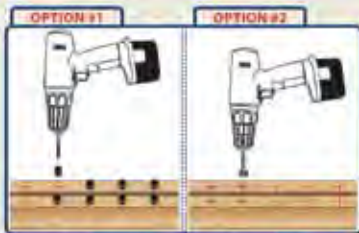
STEP #4 - There are two options for installing balusters.

Option #1 - Connector Method: Insert screw through connector and install where lines intersect (you may want to mark the center with a nail before drilling).

Option #2 - Insert Method: Drill a 3/4" hole, 3/4" deep in top and bottom rails where lines intersect.
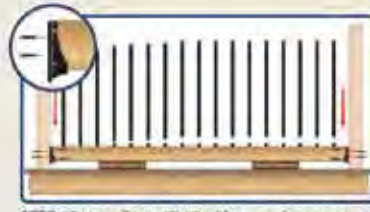
STEP #5 - Install two (2) #8 x 2" screws (per connector) through railing connector into rail ends. Rest bottom rail on two (2) temporary spacer blocks the required height between deck and bottom of bottom rail. Center railing connectors on post and install four (4) #8 x 2" screws (per connector) through railing connector into posts. Apply a small amount of silicone caulk to diameter of baluster where it meets baluster connector or insertion hole to insure a tight, movement-free installation. Install balusters on bottom rail.
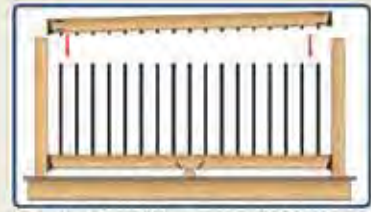
STEP #6 - Start Top Rail at an angle and insert connectors into balusters or balusters into insertion holes in top rail. Make sure balusters are fully connected. Install four (4) #8 x 2" screws (per connector) through railing connectors into posts.
NOTE: With spans greater than 6' (or required), install a foot block (use cut-off from rail).

STAIR

STEP #1 - Lay bottom rail alongside posts and mark for angle. If posts are plumb top rail should be the same length and angle. Cut top and bottom stair rails at proper angle.
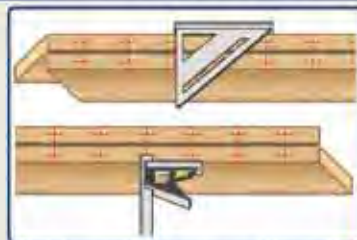
STEP #2 - Lay top and bottom rails beside each other with the top rail turned upside down. Position rails as shown. Find the center of rails and mark **lightly**. Measure out 5-1/2" from both sides of center line and mark **lightly**. End spacing will vary. Set a combination square for center (example: 1-1/2" = 3/4") and mark **lightly**. Where lines intersect will be center of screw/insertion hole.
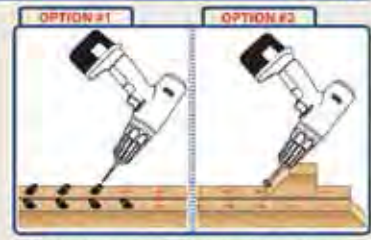
STEP #3 - There are two options for installing balusters.
Option #1 - Connector Method: insert screw through connector and install where lines intersect (start screw vertically and tilt screw to proper angle). **Top and bottom baluster connectors will be facing opposite directions.** Do not overtighten. Option #2 - Insert Method: Drill a 3/4"hole, 3/4" deep in top and bottom rails where lines intersect using a rail cut-off as a guide block for stair angle.

STEP #4 - Make sure connectors are properly lined up. Apply a small amount of silicone caulk to diameter of baluster where it meets baluster connector or insertion hole to insure a tight, movement-free installation. Install balusters on bottom rail.

STEP #5 - Start Top Rail at an angle and insert connectors into balusters or into insertion holes until all balusters are in place. Make sure balusters are fully connected.

STEP #6 - Install stair rail assembly.

Please Note: Do not exceed a 4" gap between balusters. Gap between deck and bottom rail should not exceed 4". It is the responsibility of the installer to meet or exceed all code and safety requirements, and to obtain all required building permits. These instructions are only a guide and may not address every circumstance. The deck and railing installer should determine and implement appropriate installation techniques for each situation. **Solutions shall not be held liable for improper or unsafe installations.**

Solutions

FACE MOUNT BALUSTERS
LEVEL AND STAIR INSTALLATION GUIDE
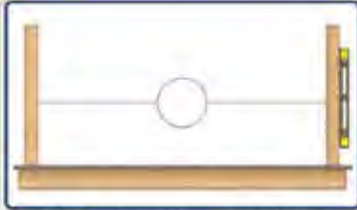
STEP #1 - Plumb posts/mounting surfaces. Measure inside distance of posts/mounting surfaces.

STEP #2 - Using step - 1 measurement, deduct 1/2" from total measurement for railing connectors (if not using railing connectors, cut to step - 1 measurement). Cut both top and bottom rails.
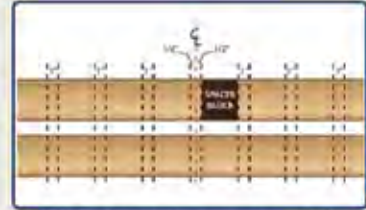
STEP #3 - Find center of top and bottom rails. From center line, measure and mark 1/2" on both sides of center mark (marking a 1" space). Cut a 3-1/2" spacer block and hold against the outside edge of center 1" space. Repeat process on other side of center and continue across rail. NOTE: 3-1/2" is a "Starting Point" it may be necessary to adjust spacing depending on rail length. Do not exceed 4" gap between balusters.

STEP #4 - Lay rails on a flat surface & install the two (2) outer balusters (four (4) screws per baluster). This will maintain spacing between rails.
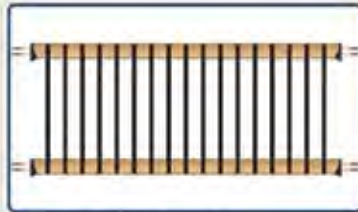
STEP #5 - Finish installing balusters. Slide railing connectors on rail ends making sure rail is fully seated in connector. Install two (2) #8 x 2" screws (per connector) through railing connectors into rail ends.

STEP #6 - Rest rail section on two (2) temporary spacer blocks the required height between deck and bottom of bottom rail. Center railing connectors on post and install four (4) #8 x 2" screws (per connector) through railing connector into posts. NOTE: With spans greater than 6' (or required), install a foot block (use cut-off from rail).

RAILING CONNECTOR
INSTALLATION GUIDE

STEP #1 - Plumb posts/mounting surfaces. Measure inside distance of posts/mounting surfaces.
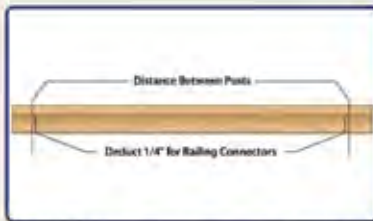
STEP #2 - Using step - 1 measurement, deduct 1/2" from total measurement for railing connectors. Cut both top and bottom rails.
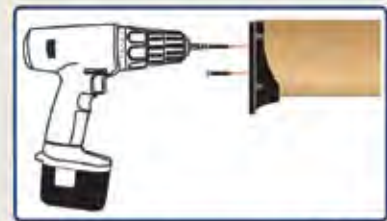
STEP #3 - Slide railing connectors on rail ends making sure rail is fully seated in connector. Install two (2) #8 x 2" screws (per connector) through railing connectors into rail ends.
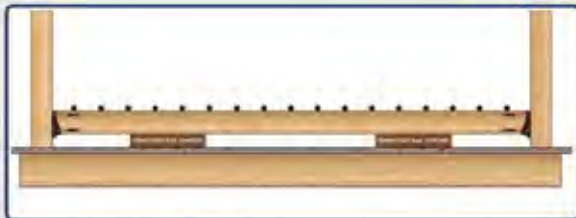
STEP #4 - Cut two (2) "Spacer Blocks" to be placed between deck & bottom rail. Place bottom rail section between posts. Install four (4) #8 x 2" screws (per connector) through railing connectors into posts

STEP #5 - Place top rail into position. Install four (4) #8 x 2" screws (per connector) through railing connectors into posts. NOTE: With spans greater than 6' (or required) install a foot block (use cut-off from rail).

Please Note: Do not exceed a 4" gap between balusters. Gap between deck and bottom rail should not exceed 4". It is the responsibility of the installer to meet or exceed all code and safety requirements, and to obtain all required building permits. These instructions are only a guide and may not address every circumstance. The deck and railing installer should determine and implement appropriate installation techniques for each situation. **Solutions shall not be held liable for improper or unsafe installations.**

Installation Information and FAQ's ■ Solutions™

GLASS BALUSTERS
LEVEL AND STAIR INSTALLATION GUIDE

Solutions

LEVEL

STEP #1 - Plumb posts/mounting surfaces. Measure inside distance of posts/mounting surfaces.

STEP #2 - Using step - 1 measurement, deduct 1/2" from total measurement for railing connectors (if not using railing connectors, cut to step - 1 measurement). Cut both top and bottom rails.

STEP #3 - Lay top and bottom rails beside each other and flush ends. Find the center of rails and mark lightly. From the center mark, measure out 8", from both sides and mark. End spacing will vary. Note: Baluster spacing will vary with rail length.
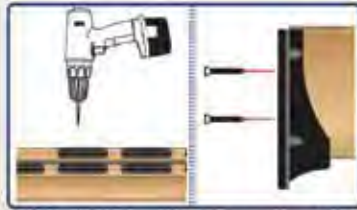
STEP #4 - With 8" center marks measure over 2-1/2" (this will be the edge of glass baluster connector shoe). Center baluster shoe on rail and insert screws though connector shoe. Make sure screw head is inserted below Glass Baluster.

Install two (2) #8 x 2" screws (per connector) through railing connectors into rail ends.

STEP #5 - Cut two (2) temporary spacer blocks the required distance between deck and bottom of rail. Rest bottom rail on spacer blocks and center on mounting surface. Install four (4) #8 x 2" screws (per connector) through railing connectors into posts. Apply a small amount of silicone caulk to inside of glass baluster connector shoe to insure a tight, movement-free installation. Insert glass balusters into glass baluster connector shoes.

STEP #6 - Start top rail at an angle and insert balusters into glass baluster connector shoes.

Install four (4) #8 x 2" screws (per connector) through railing connectors into posts.
NOTE: With spans greater than 6' (or required), install a foot block (use cut-off from rail).
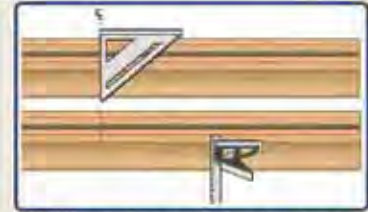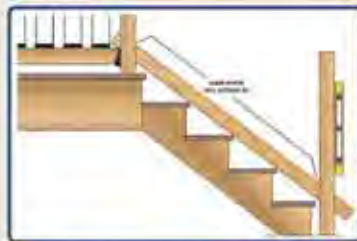
STAIR

STEP #1 - Lay bottom rail alongside posts and mark for angle. If posts are plumb top rail should be the same length and angle. Cut top and bottom stair rails at proper angle.
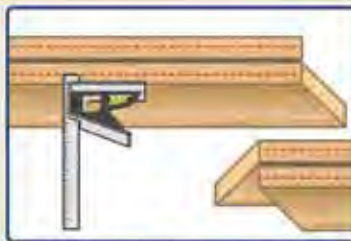
STEP #2 - Put the two rails together with the top rail turned upside down. Position rails as shown. Lightly mark a center line on rail. Determine number of Glass Balusters and space out evenly. Layout glass baluster connector shoes. Maintain a maximum of 2-3/8" gap between stair glass baluster shoes.

STEP #3 - Place glass baluster connector shoes on center line. **Top and bottom baluster shoes connectors will be facing opposite directions.** Insert screws through connector shoes (start screw vertically and tilt screw to proper angle). Do not overtighten. Make sure screw head is inserted below Glass Baluster.
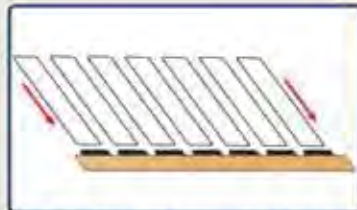
STEP #4 - Apply a small amount of silicone caulk to inside of glass baluster connector shoe to insure a tight, movement-free installation. Insert balusters in bottom rail connector shoes.
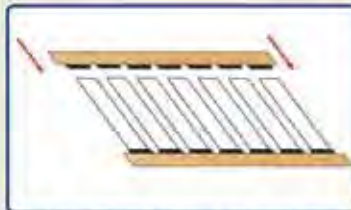
STEP #5 - Start Top Rail at an angle and insert balusters into top rail connector shoes. Make sure glass balusters are fully inserted into connector shoes.

STEP #6 - Install stair rail assembly.

Please Note: Do not exceed a 4" gap between balusters. Gap between deck and bottom rail should not exceed 4". It is the responsibility of the installer to meet or exceed all code and safety requirements, and to obtain all required building permits. These instructions are only a guide and may not address every circumstance. The deck and railing installer should determine and implement appropriate installation techniques for each situation. **Solutions shall not be held liable for improper or unsafe installations.**

Led Wiring Guidlines

This document is written to give some general guidelines for the wiring of our product. We realize that each and every installation will have its own idiosyncrasies that will require your creativity and adaptability to the guidelines listed below.

LED's:
At DEKOR, we use a proprietary low voltage LED that is designed to run only with DEKOR transformers. The LED's you receive have been fully tested and are rated for 100,000 hours.

We have installed a diode into the LED housing that will allow it to run on a 12vac circuit but with the following limitations and uncertainties.

> **Caution:** You cannot inter-wire incandescent bulbs with LED bulbs. LED bulbs need to be on there own discreet circuit.

There are two ways you can kill a DEKOR LED prematurely.
- Not using a DEKOR transformer.
- Installing the LED in an environment where the ambient temperature will exceed 120 degrees F.

WIRING:

LED's can only be wired in **parallel** not in series. The colors on the LED wire lead are red and black. The red is the positive (+) circuit and the black wire is the neutral (-) circuit. Polarity must be maintained throughout your lighting system.

Very Important: When installing lighted basket balusters leave as much of the pigtail as possible in the baluster tube to allow for potential bulb replacement in the future.

PARALLEL WIRING

MATERIALS:

- We recommend using DEKOR outdoor rated wire, as well as using DEKOR self sealing wire connectors on all connections.

Installation Information and FAQ's ■ DE-KOR™
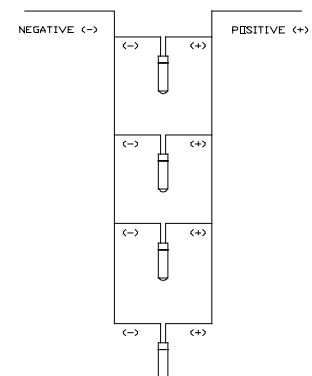
Installation instructions for DEKOR™ Railing Kits

> Each and every project is unique. These instructions are given as known approaches and general guidelines to installing our product. Your project may dictate an entirely different installation approach, that's what makes your project unique.

Before you start:

• Read and understand the instructions completely.
• Assemble all tools required prior to starting installation
• If installing Illuminated products make sure that electrical current is turned off before connecting any wires or connectors.
• If you have any doubts about how to install an illuminated product or you do not fully understand the instructions, please contact **DEKOR**™. Customer Service @ 1-800-258-0344

Tools required for installation:

• Power Drill Motor
• DEKOR™ Drill Kt (includes Forstner bit and hole template) template is designed to be used with dimensional composite/wood only.
  Use Forstner bit only, if drill template is not compatible with your rail material
• Rubber Mallet

If installing Illuminated product, add:
• Router or Table saw to cut channel in top and/or bottom rails
• Pliers
• Wire Strippers
• Screwdriver to attach leads to DEKOR™ power transformer
• DEKOR™ 18 gauge outdoor rated two conductor wire
• DEKOR™ water resistant wire nuts

Installation of Traditional Rail Kit:

Note: Our product is designed to be installed using our custom sized Forstner bit. Using other bits will result in either a loose fit or too tight that will result in damage during installation.

1. Prior to drilling holes in top and bottom rails for the end caps, find center of section. Start with either the top or the bottom rail. The DEKOR™ hole template is designed for dimensional composite/wood, spacing the balusters on 4 5/8" centers required for code compliance. After drilling first hole, slip template into hole and repeat until holes reach end of section. You can reduce the center to center distance to fit your specific rail length but you cannot exceed the 4 5/8" on center spacing.

2. Repeat for other rail.

3. Once holes are drilled, place end caps into holes and tap secure with rubber mallet. Caution: Using a metal hammer or other blunt instrument will damage the powder coating and is not covered under warranty. If installing square balusters, rotating the end cap 90 degrees will change the appearance of your project. Choose which look you desire.

4. Lay bottom rail on flat surface and insert balusters into bottom end caps. Be sure to start at the center with the double basket and then place single baskets on either side. Work out toward ends with plain balusters until all caps are full.
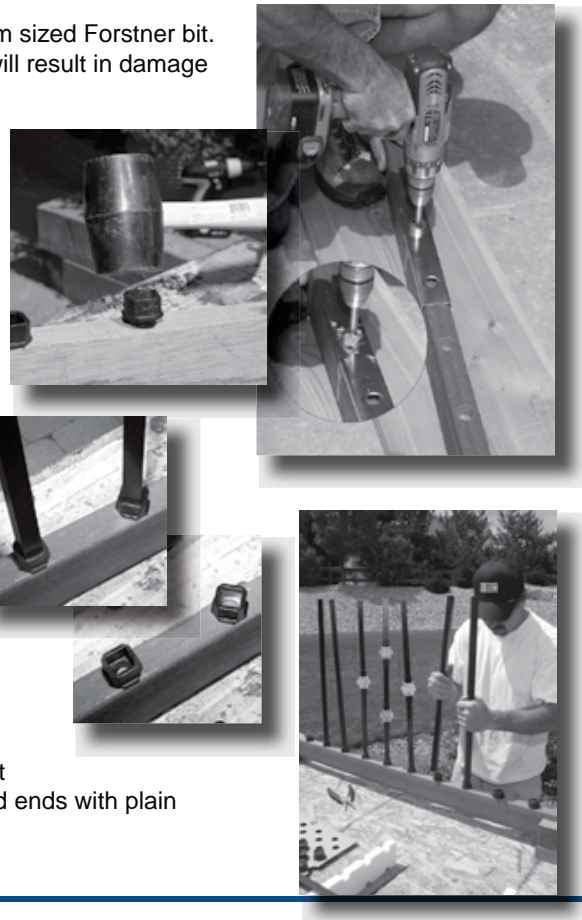
Installation Information and FAQ's ■ DE-KOR™

5. Carefully align top rail with end caps and slip onto balusters. Secure top and bottom rails with tie-downs or other method to keep section intact.

6. Carefully lift section into place between posts. We recommend setting section on blocks prior to attaching rails to posts. (See local codes for proper height of bottom rail).

7. Secure rail section to posts.

Installation of Illuminated Rail Kit:

Note: Our product is designed to be installed using our custom sized Forstner bit. Using other bits will result in either a loose fit or one that can damage the product during installation. DEKOR™ Illuminated products are only warranted when used with a DEKOR supplied transformer. Installation of this wiring approach uses the same methods as when wiring in the house.
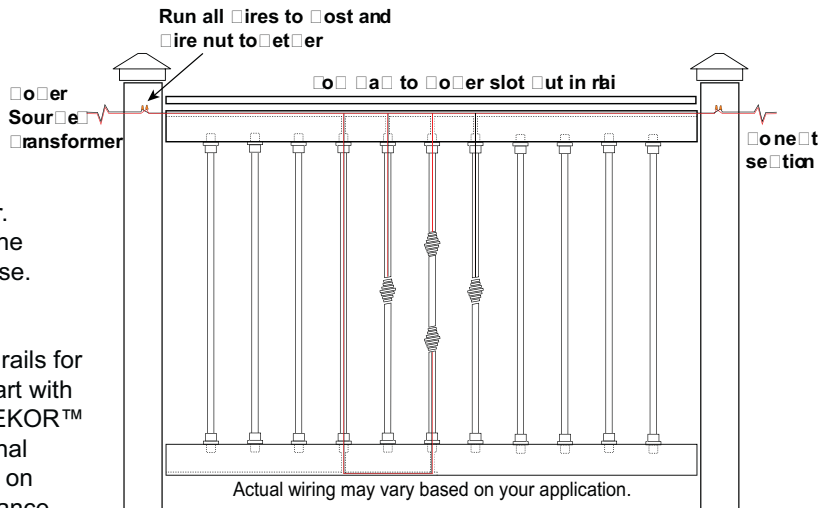
Sam□le □irin□ □ia□ram for Illuminated □alusters

Run all □ires to □ost and □ire nut to□et□er

□o□er Sour□e□ □ransformer

□o□ □a□ to □o□er slot □ut in rail

□one□t se□tion

Actual wiring may vary based on your application.

1. Prior to drilling holes in top and bottom rails for the end caps, find center of section. Start with either the top or the bottom rail. The DEKOR™ hole template is designed for dimensional composite/wood, spacing the balusters on 4 5/8" centers required for code compliance. After drilling the first hole, slip template into hole and repeat until holes reach end of section. You can reduce the center to center distance to fit your specific rail length but you cannot exceed the 4 5/8" on center spacing.

2. Repeat for other rail.

3. Once holes are drilled into the bottom of the top rail, cut a 1/4" x 1/4" slot across the entire top section of rail or on underside of cap rail. If using hollow composite products this slot is not required. (Note: When installing center double basket baluster with two lights, repeat slot on bottom of bottom rail.)

4. Determine which holes will be used for Illuminated balusters and drill 3/16" hole through center of hole made by Forstner bit. Hole should intersect 1/4" slot. (Repeat for bottom section for center double basket baluster.)

5. Take illuminated baluster and run wire through end cap and then through hole in top (or bottom) rail. Gently place end caps into holes making sure not to pinch wire and make sure end cap is fit snug into hole. Tape wire in bundle so they are not in your way assembling the sections together.

6. Lay bottom rail on flat surface and insert balusters into bottom end caps. Be sure to start at the center with the double basket and then place single baskets on either side. Work out to ends with plain balusters until all end caps are full.

7. Carefully align top rail with end caps and slip onto balusters. Secure top and bottom rails with tie-downs or other method to keep section in tact.
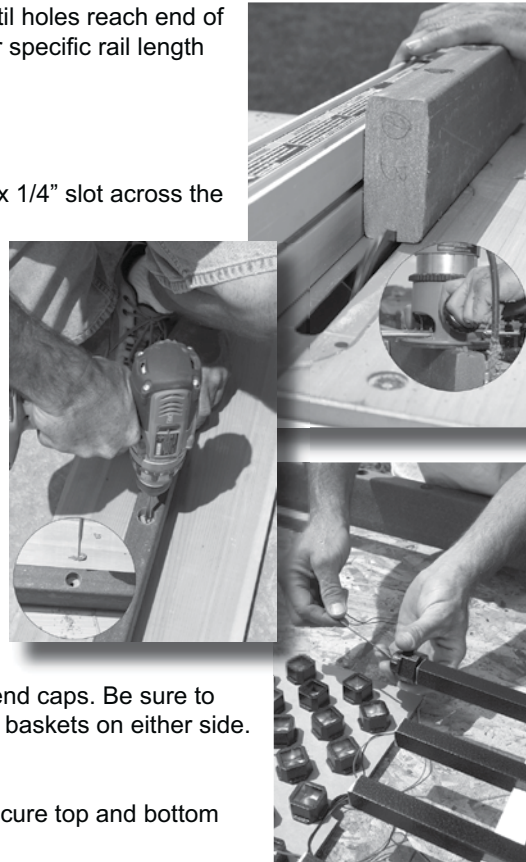
Determine which direction/post you are routing the wire to and tape the wires to the top rail in that direction.

8. Measure where 1/4" slot will intersect post and drill 3/8" holes into post where top and bottom rails will meet so that wires can be inserted into post cavity.

9. Carefully lift section into place between posts. We recommend setting section on blocks prior to attaching rails to posts. (See local codes for proper height of bottom rail). Gently feed wire into post. Then secure rails making sure you do not pinch or clip any wires.

10. Connect wires together inside post cavity using IC connectors. Be sure that all black wires connect to black wires and all red wires connect to red wires. If post is the termination of lights and you are going to connect to the transformer, leave enough lead wire to reach transformer. You must use an approved DEKOR™ transformer to operate DEKOR™ Illuminated products. Test section before moving on to next.
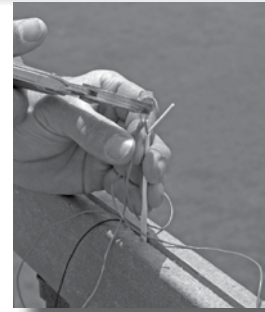
11. Run power wires to next post to repeat procedure for next rail section.

12. Finish top rail board.

13. Fabricate trim plug to hide bottom wires if desired.
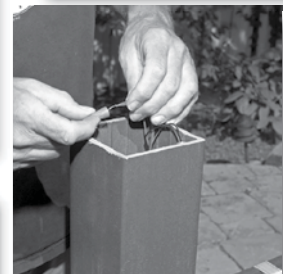
NOTE: When using hollow composite material, run wiring through hollow space. A trough or slot is not needed.

Installation of Non- Illuminated Stair Rail Kit:

1. Prior to drilling holes in top and bottom rails for the end caps, find center of section. Start with either the top or the bottom rail. Space holes on 6" centers which will give code compliance spacing.

2. Stair fittings are designed to be inserted in Forstner drilled perpendicular holes to rail face. Holes can be drilled with rails in place or resting on a flat surface. A flat surface is preferred so that drilling perpendicular is more easily accomplished and you have the reinforcement of the surface when applying drill pressure. You can reduce the spacing to your specific stair length just don't exceed 6" spacing.

3. Once holes are drilled place stair end caps into holes and tap secure with rubber mallet. Fittings are designed for 35° stair rise but can easily be changed to 33-37° by tapping the fitting in the desired direction allowing the back side knife edge to cut into your rail. To provide additional

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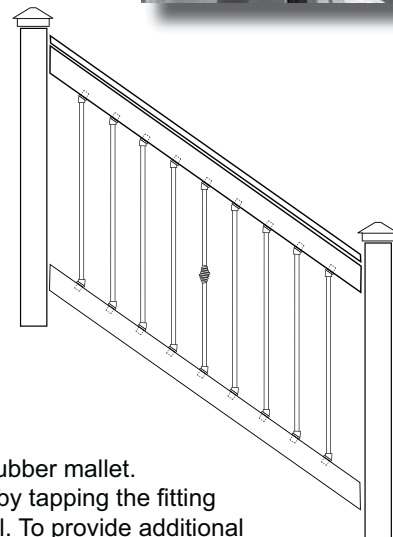
securing, if desired, the hole in the center of the fitting will ac-
commodate wood screws.

4. Secure bottom rail to posts and insert balusters into bottom stair
   end caps. Place single basket balusters where desired in rail
   section.

5. Carefully align top rail with stair end caps in place and slip onto
   balusters. Secure top rail to post and finish handrail as desired.
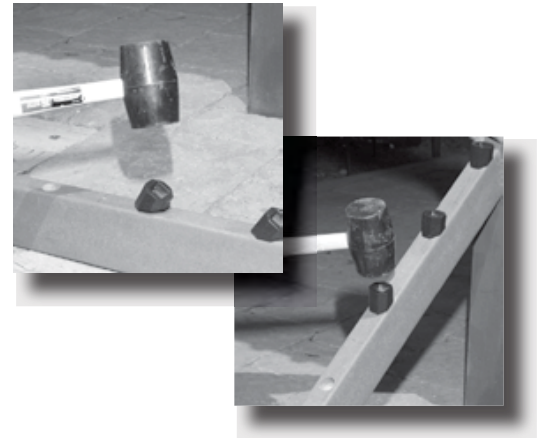
Installation of Illuminated Stair Rail Kit:

Sample Wiring Diagram for Illuminated Stair Balusters

NOTE: Your lighted stair rail kit includes
single lighted basket balusters resulting
in wires running in top rail only within a
1/4" x 1/4" slot as described earlier.

**Run all wires to post and
wire nut together**

**Power
Source/
Transformer**

**Top Cap
to cover
slot cut in rail**

1. Repeat step 1-2 above.

2. Once holes are drilled into the bottom of the top
   rail, cut a 1/4" x 1/4" slot across the entire top
   section of rail or on underside of cap rail. If using
   hollow composite products this slot is not required.
   (Note: When installing center double basket
   baluster with two lights, repeat slot on bottom of
   bottom rail.)

3. Determine which holes will be used for Illuminated
   balusters and drill 3/16" hole through center of
   hole made by Forstner bit. Hole should intersect 1/4" slot.

**To next
Section**

4. Secure bottom rail to posts and insert stair end caps (see step 3 above)
   and balusters into bottom rail. Place single lighted basket balusters where
   desired within rail section.

5. Route illuminated baluster wire through stair end cap and then
   through hole in top rail.
   Tape wire in bundle so they are not in your way assembling the
   sections together.

6. Secure top rail to posts.

7. Connect wires together inside post cavity using IC connectors. Be
   sure that all black wires connect to black wires and all red wires
   connect to red wires. If post is the termination of lights and you
   are going to connect to the transformer, leave enough lead wire to
   reach transformer. You must use an approved DEKOR™ trans-
   former to operate DEKOR™ Illuminated products.

8. Run power wires to next post to repeat procedure for next rail section.

9. Finish top rail board.
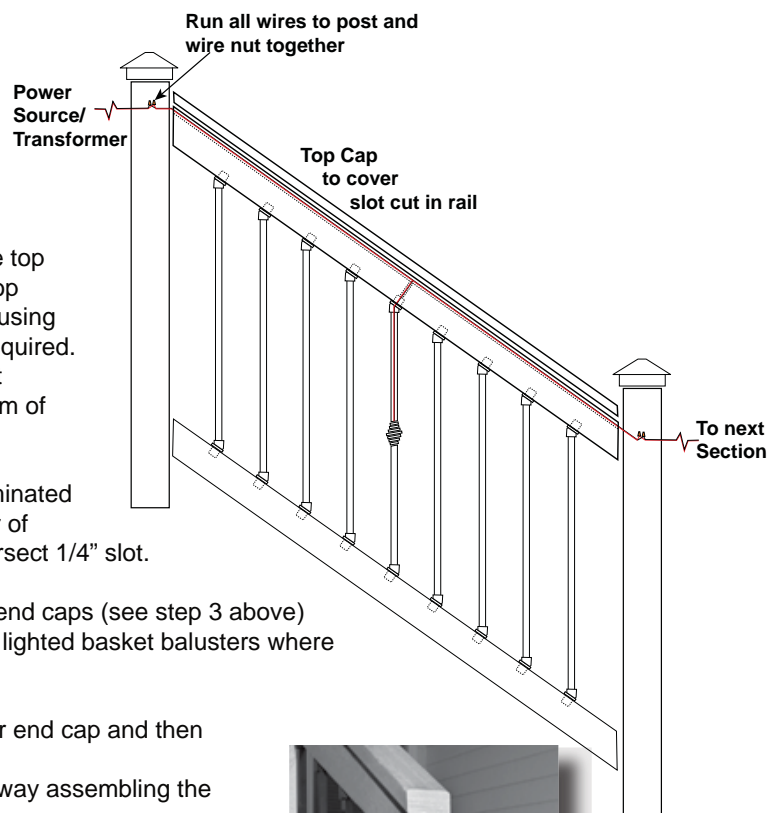
LED Transformers and Installation Tools

Just like the rest of our products our LED transformers are the best in the business We offer a transformer that has:

- Highly reliability with the longest warranty in marketplace (2 years)
- Extremely clean and regulated 12vdc output
- Over load /over voltage / over temperature / short circuit protection
- Rated for high moisture exterior and interior installations
- UL and CSA approved
- Handles domestic and international current
- Small size allowing easy hiding

EZ Transformer Kits

DEKOR™ EZ Power Kits offer a variety of options depending on particular installation requirements.

Each EZ Kit include a photocell / timer which turns on the system at dusk, and allows for settings to run the system for 2, 4, 6, and 8 hours, or dusk to dawn. For controlling the system manually order the EZOUTPD60C which is designed to be hardwired directly into a switched outlet.

The EZ kits may be run on a switched outlet, but using a dimmer switch to control the outlet is not recommended and will void the warranty.

For determining the appropriate kit for your application, this table illustrates the total number of each type of light each kit can accommodate:

Model #	Down & Stair Lights	Post Lights	Post Cap Lighted Sides	Lighted Baskets Casey Collars	Maximum Capacity
EZ	40	20	20	40	40
EZMAXC	140	70	70	140	140

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Installation Information and FAQ's ■ DE-KOR™

ADI Absolute Distribution Inc.

INTEGRA RAIL

Integra Composite Rail Part Specifications

Top Rail Profile
3-3/8" 85.7mm
2-1/2" 63.5mm
1-7/8" 47.6mm

Baluster Retainer
1-7/8" 47.6mm
1-3/4" 44.5mm
1-3/8" 34.9mm

Bottom Rail Profile
2-3/8" 60.3mm
2-1/8" 54mm
1-1/4" 31.8mm
1-5/8" 41.3mm
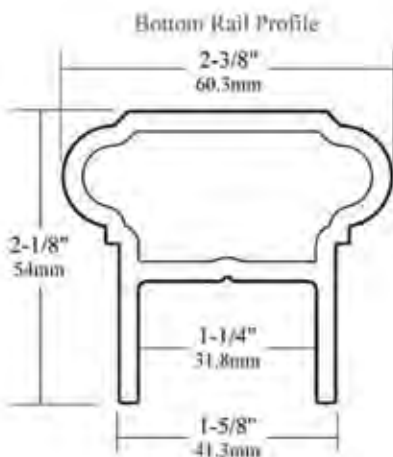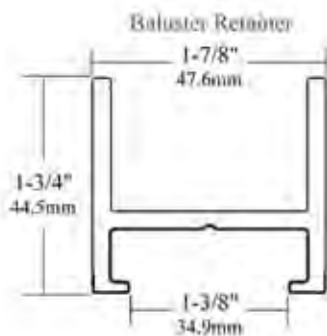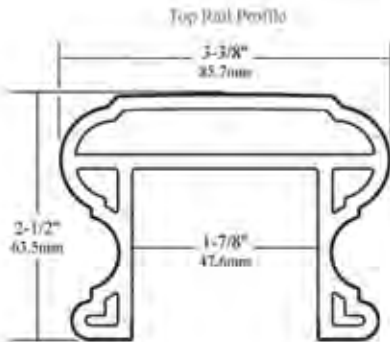
1-1/4" x 1-1/4" Composite Baluster
30" 762mm
36" 914.4mm

Top Rail Fastener
1-5/8" 33.9mm
1-1/2" 38.1mm
2-3/8" 60.3mm

1-1/4" 31.8mm
7/8" 22.2mm
2-1/8" 54mm
Bottom Rail Fastener

Marketed and Distributed by: Absolute Distribution, Inc.
Ph: 1-800-335-5909 • Fax 1-800-203-4495 • www.absolutedist.com

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Composite Level Railing With Composite Balusters

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It is the responsibility of the installer to meet or exceed all code and safety requirements, and to obtain all required building permits. These instructions are only a guide and may not address every circumstance. The deck and railing installer should determine and implement appropriate installation techniques for each situation.
Green Bay Decking shall not be held liable for improper or unsafe installations.

909938
v1.5

1 Measure Rail Length

Plumb post/mounting surface. Slide base trim ring and sleeve over post. Measure distance between mounting surfaces.

NOTE: For 5 1/4" x 5 1/4" Post Sleeves –
Top Bracket Only For added strength you may add a 3/4" x 2 1/4" x 6" composite or treated wood block (block not supplied) between Post Sleeve & wood post before installing Top Bracket.

Top Rail Bracket
3/4" X 2-1/4" X 6" Composite or Wood Block
5-1/4" X 5-1/4" Post Sleeve
4" X 4" Structural Post

2 Install Bottom Rail Mounting Screw

Find center of post/mounting surface (Example: 5-1/4" post = 2-5/8"). Mark center line on surface. Determine distance from finish deck to bottom of rail. Add 3/8" and mark. Drill 3/16" hole on center of center line. Install #14 x 2" screw to within 1/8" of mounting surface. Check screw head clearance using a bottom bracket and adjust clearance between screw head and post/mounting surface to obtain a snap in fit.

NOTE: Using Structural Post with 4" x 4" Composite Post Sleeve, requires using "SK1 – 4" Post Sleeve" screw packs provided with all mounting bracket kits. Shorter mounting screws will not interfere with steel support post (May also use with wood post).

3

BOTTOM RAIL
Measurement From Step #1
Equal & Maximum End Spacing

SUB-RAIL
Measurement From Step #1
Deduct 1/8" for Top Rail Bracket

Cut Rails to Length

Using measurement from Step #1, cut bottom rail to length. Drill 1/4" diameter holes at desired baluster spacing. Make certain there is equal and maximum distance on end spacing. If posts are plumb, measure sub-rail same length. DEDUCT 1/8" from each end and cut to length.

4

(A) BOTTOM RAIL
Bottom Rail
Keep Mounting Bracket Flush w/End of Rail

(B) SUB-RAIL
Sub-Rail
Pre-Drill TWO 1/8" Hole for #10 Screws
#10 X 1-3/4" Will be Installed With Top Rail in Step #7
Install ONE #10 X 3/4" Screw In This Slot
1/8" Beyond End of Rail

(C) FOOT BLOCK
#10 x 3/4" Screw
Bottom Rail
Center of Bottom Rail

Install Railing and Foot Block Mounting Brackets

(A) Place bottom rail bracket on underside of bottom rail with **post mounting flange pointing up.** Make certain post flange is flush with the end of the bottom rail and mark the elongated slot. Drill a 1/8" hole in the center of elongated slot on each bracket and install one each #10 x 3/4" mounting screw for each bracket. Adjust bracket if necessary.

(B) With Baluster Connectors facing up, slide Top Rail Brackets with mounting flanges pointing down on end of Top Sub-Rail. On elongated slot closest to mounting flange, find center & drill a 1/8" pilot hole. On other slot, drill a 1/8" pilot hole on outer edge of slot closest to baluster connector (see illustration). Install ONE #10 x 3/4" center hole on elongated slot (second screw will be installed in STEP# 7).

(C) Find center of rail & install foot block mounting bracket with one #10 x 3/4" screw.

5 Assemble Rail Section

(A) Place cut rails on a non-abrasive surface and insert baluster clips in elongated slots. **(B)** Lay bottom rail with clip facing up and set balusters in place using a rubber mallet (Note: If you wish to adjust the rail height, you may cut balusters before installing on baluster retainers). **(C)** With balusters installed in bottom rail, set sub-rail in place and starting at one end, tap sub-rail into top of balusters. **(D)** Using measurement from Step #2 (Distance from finish deck to bottom rail) add 7/8". Cut foot block (supplied) and clip onto foot block bracket.

(A)
(B)
(C)
(D) FOOT BLOCK

6

Seat Bottom Bracket On #14 x 2" Screw
Install Two #10 x 2-1/4" Screws
Center Line Of Mounting Surface
(See NOTE, Step 2)
Pre-Drill Two 1/8" Holes

Install Rail Section

Place rail section between posts/mounting surfaces above bottom screw. Slide rail section down to engage bottom mounting bracket onto screw. Find center of post/mounting surface and center top mounting bracket. Pre-drill two 1/8" holes through top mounting bracket holes into post/mounting surface and install 2 each "non-painted" #10 x 2-1/4" screws in both ends of rail. **(See NOTE, Step 2)**

7

1-3/4" Screw Through Open Slot In Bracket
1-3/4"
1-3/4"
1-3/4" Screw Through Open Slot in Bracket

Install Top Rail

With rail section mounted in place, measure inside distance between post/mounting surface. Cut TOP RAIL to length. Slide TOP RAIL over sub-rail. In the inner second slots of top rail brackets install a #10 X 1-3/4" screw in pre drilled hole. Find "quarter points" between post, pre-drill and install the 2 additional #10 x 1-3/4" screws.

Installation Information and FAQ's ■ Integra™

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INTEGRA RAIL

Composite Stair Railing With Composite Balusters

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It is the responsibility of the installer to meet or exceed all code and safety requirements, and to obtain all required building permits. These instructions are only a guide and may not address every circumstance. The deck and railing installer should determine and implement appropriate installation techniques for each situation.
Green Bay Decking shall not be held liable for improper or unsafe installations.

1

Measure Rail Length
Plumb post/mounting surface. Slide base trim ring and sleeve over post. Measure distance between mounting surfaces.

2

Rest bottom rail on steps.
Balance out balusters on both ends with equal and max. spacing.
Mark rail where intersects post.

Lay Out Rails
Lay bottom rail between post, balance out equal and maximum distance between baluster and post. If posts are plumb, Sub-Rail will be the same length. Mark Sub-Rail and deduct 1/8" from SUB-RAIL ends (to allow for mounting brackets). Note: Make certain spacing matches both Sub-Rail and Bottom Rail.

3

Cut Rails to Length
With angle and stair rail run marked and cut to length. Make certain on **SUB-RAIL ONLY** to deduct 1/8" from each end to allow for mounting bracket. NOTE: Make certain there is equal and max. distance between baluster and post on both rail ends. Also check to see if top and bottom rails match to provide plumb baluster installation.

4

Install Railing Mounting Brackets
Bottom Rail Brackets: Place bottom rail bracket on bottom of rail with **post mounting flange pointing up.** Make certain post flange is flush with the end of the bottom rail and mark the elongated slot. Drill a 1/8" hole in the center of elongated slot and install a #10 x 3/4" mounting screw. **Top Rail Brackets:** Top Rail Brackets with mounting flanges pointing down on end of Top Sub-Rail. On elongated slot closest to mounting flange, find center & drill a 1/8" pilot hole. On other slot, drill a 1/8" pilot hole on outer edge of slot closest to baluster connector (see illustration). Install ONE #10 x 3/4" center hole on elongated slot (second screw will be installed in STEP# 8). Adjust bracket angles if necessary.

5

Install Bottom Rail Mounting Screw and Foot Block
Mark center line of post/mounting surface (Example: 5-1/4" post = 2-5/8"). Determine distance from bottom rail to stair nosing (See local building codes for height limitations), center bottom rail with center line of post and mark slot in mounting bracket. Drill a 3/16" hole and install #14 x 2" screw to within 1/8" of post. Set bottom rail in place, locate the center (as close as possible) stair tread and measure the distance from tread to bottom of rail.
Cut foot block to length (one end cut to match stair pitch), slide foot block in place (make certain bottom rail is resting on mounting screws) and mark front and back of foot block onto bottom rail. Remove bottom rail, turn with bottom side exposed and locate foot block marks. Install foot block keeper (supplied) between marks. Slide Foot Block over keeper and set rail in place. Adjust if necessary and remove. Remember to install foot block after rail is assembled and ready to set in place.
NOTE: Using Structural Post with 4" x 4" Composite Post Sleeve, requires using "SK1 – 4" Post Sleeve" screw packs provided with all mounting bracket kits. Shorter mounting screws will not interfere with steel support post (May also use with wood post).

6

Cut Balusters and Assemble Rail Section
Rest rails on non-abrasive surface. Drill holes (1/4" dia.) at desired spacing. Insert retainer in hole and strike pin with hammer to fasten retainer to rail. Lay bottom rail with retainers facing up, cut baluster ends at same angle of stairs and set baluster in place using a rubber mallet (Note: If you wish to adjust the rail height, you may cut balusters before installing on baluster retainers) With balusters installed in bottom rail, set sub-rail in place and starting at one end, tap sub-rail onto top of glass balusters. E) Install foot blocks (step #5)

7

Install Rail Section
Place rail section between posts/mounting surfaces above bottom screw. Slide rail section down to engage bottom mounting bracket onto screw. Find center of post/mounting surface and center top mounting bracket. Pre-drill two 1/8" holes through top mounting bracket holes into post/mounting surface and install #10 x 2-1/4" screws (both ends). (See NOTE, Step 5)

8

Install Top Rail
With rail section mounted in place, measure inside distance between post/mounting surfaces. Cut TOP RAIL to length at stair angle. Slide TOP RAIL over sub-rail. In the inner second slots of top rail brackets install a #10 x 1-3/4" screw in pre drilled hole. Find "quarter points" between post, pre-drill and install the 2 additional #10 x 1-3/4" screws.

Composite Level Railing With Glass Balusters

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Green Bay Decking shall not be held liable for improper or unsafe installations.

1 Measure Rail Length

Plumb post/mounting surface. Slide base trim ring and sleeve over post. Measure distance between mounting surfaces.

NOTE: For 5 1/4" x 5 1/4" Post Sleeves –
Top Bracket Only For added strength you may add a 3/4" x 2 1/4" x 6" composite or treated wood block (block not supplied) between Post Sleeve & wood post before installing Top Bracket.

Top Rail Bracket

3/4" X 2-1/4" X 6"
Composite or Wood Block

5-1/4" X 5-1/4"
Post Sleeve

4" X 4"
Structural Post

2 Install Bottom Rail Mounting Screw

Post Sleeve · Bottom Rail · Bottom Mounting Bracket · Check Clearance With Bottom Bracket · #14 x 2" Mounting Screw · 1/8" to Center of Hole – Pre Drill 3/16" Hole · 2" Space

Find center of post/mounting surface (Example: 5-1/4" post = 2-5/8"). Mark center line on surface. Determine distance from finish deck to bottom of rail. Add 3/8" and mark. Drill 3/16" hole on center of center line. Install #14 x 2" screw to within 1/8" of mounting surface. Check screw head clearance using a bottom bracket and adjust clearance between screw head and post/mounting surface to obtain a snap in fit.

NOTE: Using Structural Post with 4" x 4" Composite Post Sleeve, requires using "SK1 – 4" Post Sleeve" screw packs provided with all mounting bracket kits. Shorter mounting screws will not interfere with steel support post (May also use with wood post).

3 Cut Rails to Length

BOTTOM RAIL · Measurement From Step #1 · Equal & Maximum End Spacing · SUB-RAIL · Measurement From Step #1 · Deduct 1/8" for Top Rail Bracket

Using measurement from Step #1, cut bottom rail to length. Drill 1/16" diameter holes at desired spacing for glass baluster shoes. Use a glass baluster shoe as a template for the hole spacing. Make certain there is equal and maximum distance on end spacing. If posts are plumb, measure sub-rail same length, DEDUCT 1/8" from each end and cut to length.

4

(A) BOTTOM RAIL · Bottom Rail
(B) SUB-RAIL · Sub-Rail · Pre-Drill TWO 1/8" Hole for #10 Screws · #10 X 1-3/4" Will be installed With Top Rail In Step #7 · Install ONE #10 X 3/4" Screw In This Slot · 1/8" Beyond End of Rail
(C) FOOT BLOCKS · #10 x 3/4" Screw · Bottom Rail · Bottom Rail in (1/3) Thirds
Keep Mounting Bracket Flush w/End of Rail

Install Railing and Foot Block Mounting Brackets

(A) Place bottom rail bracket on underside of bottom rail with post mounting flange pointing up. Make certain post flange is flush with the end of the bottom rail and mark the elongated slot. Mark and drill a 1/8" hole in the center of elongated slot on each bracket and install one each #10 x 3/4" mounting screw for each bracket. Adjust bracket if necessary.

(B) With Baluster Connectors facing up, slide Top Rail Brackets with mounting flanges pointing down on end of Top Sub-Rail. On elongated slot closest to mounting flange, find center & drill a 1/8" pilot hole. On other slot, drill a 1/8" pilot hole on outer edge of slot closest to baluster connector (see illustration). Install ONE #10 x 3/4" center hole on elongated slot (second screw will be installed in STEP# 7).

(C) Divide finish bottom rail length into 1/3 (thirds). Install two (2) foot block brackets. Center brackets on bottom rail and screw in place with #10 x 3/4" SS white head screw.
NOTE: TWO FOOT BLOCKS REQUIRED FOR GLASS BALUSTERS ONLY

5 Assemble Rail Section

Place cut rails on a non-abrasive surface. (A) Screw glass baluster connector shoes to rails in pre-drilled locations using provided hardware. (B) Lay bottom rail with glass baluster shoes facing up and set glass balusters in place.
(C) With balusters installed in bottom rail, set sub-rail in place and starting at one end, tap Sub-Rail onto top of glass balusters. (D) Using measurement from Step #2 (Distance from finish deck to bottom rail) add 7/8". Cut foot blocks (supplied) and clip onto foot block brackets.

(A) (B) (C) (D) FOOT BLOCKS

6 Install Rail Section

Seat Bottom Bracket On #14 x 2" Screw · Install Two #10 x 2-1/4" Screws · Center Line Of Mounting Surface · (See NOTE, Step 2) · Pre-Drill Two 1/8" Holes

Place rail section between posts/mounting surfaces above bottom screw. Slide rail section down to engage bottom mounting bracket onto screw. Find center of post/mounting surface and center top mounting bracket. Pre-drill two 1/8" holes through top mounting bracket holes into post/mounting surface and install 2 each "non-painted" #10 x 2-1/4" screws in both ends of rail. (See NOTE, Step 2)

7 Install Top Rail

1-3/4" Screw Through Open Slot In Bracket · 1-3/4" · 1-3/4" · 1-3/4" Screw Through Open Slot In Bracket

With rail section mounted in place, measure inside distance between post/mounting surface. Cut TOP RAIL to length. Slide TOP RAIL over sub-rail. In the inner second slots of top rail brackets install a #10 X 1-3/4" screw in pre drilled hole. Find "quarter points" between post, pre-drill and install the 2 additional #10 x 1-3/4" screws.

Composite Stair Railing With Glass Balusters

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1
Measure Rail Length
Plumb post/mounting surface. Slide base trim ring and sleeve over post. Measure distance between mounting surfaces.

2
Lay Out Rails
Rest bottom rail on steps. Balance out balusters on both ends with equal and max. spacing. Mark rail where intersects post.

Lay bottom rail between post, balance out equal and maximum distance between baluster and post. If posts are plumb, Sub-Rail will be the same length. Mark Sub-Rail and deduct 1/8" from SUB-RAIL ends (to allow for mounting brackets). Note: Make certain spacing matches both Sub-Rail and Bottom Rail.

3
Cut Rails to Length
With angle and stair rail run marked and cut to length. Make certain on **SUB-RAIL ONLY** to deduct 1/8" from each end to allow for mounting bracket. NOTE: Make certain there is equal and max. distance between baluster and post on both rail ends. Also check to see if top and bottom rails match to provide plumb baluster installation.

4
Install Railing Mounting Brackets
Bottom Rail Brackets: Place bottom rail bracket on bottom of rail with **post mounting flange pointing up.** Make certain post flange is flush with the end of the bottom rail and mark the elongated slot. Drill a 1/8" hole in the center of elongated slot and install a #10 x 3/4" mounting screw. **Top Rail Brackets:** Top Rail Brackets with mounting flanges pointing down on end of Top Sub-Rail. On elongated slot closest to mounting flange, find center & drill a 1/8" pilot hole. On other slot, drill a 1/8" pilot hole on outer edge of slot closest to baluster connector (see illustration). Install ONE #10 x 3/4" center hole on elongated slot (second screw will be installed in STEP# 8). Adjust bracket angles if necessary.

5
Install Bottom Rail Mounting Screw and Foot Block Brackets
Mark center line of post/mounting surface (Example: 5-1/4" post = 2-5/8"). Determine distance from bottom rail to stair nosing (See local building codes for height limitations), center bottom rail with center line of post and mark slot in mounting bracket. Drill a 3/16" hole and install #14 x 2" screw to within 1/8" of post. Set bottom rail in place, locate the center (as close as possible) stair tread and measure the distance from tread to bottom of rail.
Cut foot blocks to length (one end cut to match stair pitch), slide foot blocks in place (make certain bottom rail is resting on mounting screws) and mark front and back of foot blocks onto bottom rail. Remove bottom rail, turn with bottom side exposed and locate foot block marks. Install foot block brackets (supplied) between marks. Slide Foot Blocks over brackets and set rail in place. Adjust if necessary and remove. Remember to install foot blocks after rail is assembled and ready to set in place.
NOTE: Using structural post with 4" x 4" post sleeve, requires using "SK1 – 4" Post Sleeve" screw packs provided with all mounting bracket kits. Shorter mounting screws will not interfere with steel support post (May also use with wood post).
NOTE: TWO FOOT BLOCKS REQUIRED FOR GLASS BALUSTERS ONLY

6
Assemble Rail Section
Place cut rails on a non-abrasive surface. A) Drill 1/16" diameter holes at desired spacing for glass baluster shoes. Use a glass baluster shoe as a template for the hole spacing. B) Screw glass baluster connector shoes to rails in pre-drilled locations using provided hardware. C) Lay bottom rail with glass baluster shoes facing up and set glass balusters in place. D) With balusters installed in bottom rail, set sub-rail in place and starting at one end, tap sub-rail onto top of glass balusters. E) Install foot blocks (step #5)

7
Install Rail Section
Place rail section between posts/mounting surfaces above bottom screw. Slide rail section down to engage bottom mounting bracket onto screw. Find center of post/mounting surface and center top mounting bracket. Pre-drill two 1/8" holes through top mounting bracket holes into post/mounting surface and install #10 x 2-1/4" screws (both ends). (See NOTE, Step 5)

8
Install Top Rail
With rail section mounted in place, measure inside distance between post/mounting surfaces. Cut TOP RAIL to length at stair angle. Slide TOP RAIL over sub-rail. In the inner second slots of top rail brackets install a #10 X 1-3/4" screw in pre drilled hole. Find "quarter points" between post, pre-drill and install the 2 additional #10 x 1-3/4" screws.

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INTEGRA RAIL

Composite Level Railing With Aluminum Balusters

It is the responsibility of the installer to meet or exceed all code and safety requirements, and to obtain all required building permits. These instructions are only a guide and may not address every circumstance. The deck and railing installer should determine and implement appropriate installation techniques for each situation.
Green Bay Decking shall not be held liable for improper or unsafe installations.

INTEGRA RAIL
innovative strength and beauty

909939
v1.5

1 Measure Rail Length

Plumb post/mounting surface. Slide base trim ring and sleeve over post. Measure distance between mounting surfaces.

**NOTE: For 5 1/4" x 5 1/4" Post Sleeves -
Top Bracket Only** For added strength you may add a 3/4" x 2 1/4" x 6" composite or treated wood block (block not supplied) between Post Sleeve & wood post before installing Top Bracket.

Top Rail Bracket
3/4" X 2-1/4" X 6" Composite or Wood Block
5-1/4" X 5-1/4" Post Sleeve
4" X 4" Structural Post

2 Install Bottom Rail Mounting Screw

Find center of post/mounting surface (Example: 5-1/4" post = 2-5/8"). Mark center line on surface. Determine distance from finish deck to bottom of rail. Add 3/8" and mark. Drill 3/16" hole on center of center line. Install #14 x 2" screw to within 1/8" of mounting surface. Check screw head clearance using a bottom bracket and adjust clearance between screw head and post/mounting surface to obtain a snap in fit.

NOTE: Using Structural Post with 4" x 4" Composite Post Sleeve, requires using "SK1 – 4" Post Sleeve" screw packs provided with all mounting bracket kits. Shorter mounting screws will not interfere with steel support post (May also use with wood post).

3 Cut Rails to Length

Using measurement from step #1, cut bottom rail to length. Drill1/16"diameter holes at desired baluster spacing for baluster connectors. Make certain there is equal amd maximum distance on end spacing. If posts are plumb, measure sub-rail same length, DEDUCT 1/8" from each end and cut to length.

4 Install Railing and Foot Block Mounting Bracket

(A) Place bottom rail bracket on underside of bottom rail with **post mounting flange pointing up.** Make certain post flange is flush with the end of the bottom rail and mark the elongated slot. Drill a 1/8" hole in the center of elongated slot on each bracket and install one each #10 x 3/4" mounting screw for each bracket. Adjust bracket if necessary.

(B) With Baluster Connectors facing up, slide Top Rail Brackets with mounting flanges pointing down on end of Top Sub-Rail. On elongated slot closest to mounting flange, find center & drill a 1/8" pilot hole. On other slot, drill a 1/8" pilot hole on outer edge of slot closest to baluster connector (see illustration). Install ONE #10 x 3/4" center hole on elongated slot (second screw will be installed in STEP# 7).

(C) Find center of rail & install foot block mounting bracket with one #10 x 3/4" screw.

5 Assemble Rail Section

Place cut rails on a non-abrasive surface. **(A)** Screw aluminum baluster connectors to rails in pre-drilled locations using provided hardware. **(B)** Lay bottom rail with baluster connectors facing up and set balusters in place using a rubber mallet. **(C)** With balusters installed in bottom rail, set sub-rail in place and starting at one end, tap Sub-rail onto top of balusters. **(D)** Using measurement from Step #2 (Distance from finish deck to bottom rail) add 7/8". Cut foot block (supplied) and clip onto foot block bracket.

6 Install Rail Section

Place rail section between posts/mounting surfaces above bottom screw. Slide rail section down to engage bottom mounting bracket onto screw. Find center of post/mounting surface and center top mounting bracket. Pre-drill two 1/8" holes through top mounting bracket holes into post/mounting surface and install 2 each "non-painted" #10 x 2-1/4" screws in both ends of rail. **(See NOTE, Step 2)**

7 Install Top Rail

With rail section mounted in place, measure inside distance between post/mounting surface. Cut TOP RAIL to length. Slide TOP RAIL over sub-rail. In the inner second slots of top rail brackets install a #10 X 1-3/4" screw in pre drilled hole. Find "quarter points" between post, pre-drill and install the 2 additional #10 x 1-3/4" screws.

Composite Stair Railing With Aluminum Balusters

It is the responsibility of the installer to meet or exceed all code and safety requirements, and to obtain all required building permits. These instructions are only a guide and may not address every circumstance. The deck and railing installer should determine and implement appropriate installation techniques for each situation.
Green Bay Decking shall not be held liable for improper or unsafe installations.

INTEGRA RAIL
Innovative strength and beauty

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1 Measure Rail Length

Plumb post/mounting surface. Slide base trim ring and sleeve over post. Measure distance between mounting surfaces.

2 Lay Out Rails

Rest bottom rail on steps. Balance out balusters on both ends with equal and max. spacing. Mark rail where intersects post.

Lay bottom rail between post, balance out equal and maximum distance between baluster and post. If posts are plumb, Sub-Rail will be the same length. Mark Sub-Rail and deduct 1/8" from SUB-RAIL ends (to allow for mounting brackets). Note: Make certain spacing matches both Sub-Rail and Bottom Rail.

3 Cut Rails to Length

With angle and stair rail run marked and cut to length. Make certain on **SUB-RAIL ONLY** to deduct 1/8" from each end to allow for mounting bracket. NOTE: Make certain there is equal and max. distance between baluster and post on both rail ends. Also check to see if top and bottom rails match to provide plumb baluster installation.

4 Install Railing Mounting Brackets

Bottom Rail Brackets: Place bottom rail bracket on bottom of rail with **post mounting flange pointing up**. Make certain post flange is flush with the end of the bottom rail and mark the elongated slot. Drill a 1/8" hole in the center of elongated slot and install a #10 x 3/4" mounting screw. **Top Rail Brackets:** Top Rail Brackets with mounting flanges pointing down on end of Top Sub-Rail. On elongated slot closest to mounting flange, find center & drill a 1/8" pilot hole. On other slot, drill a 1/8" pilot hole on outer edge of slot closest to baluster connector (see illustration). Install ONE #10 x 3/4" center hole on elongated slot (second screw will be installed in STEP# 8). Adjust bracket angles if necessary.

5 Install Bottom Rail Mounting Screw and Foot Block

Mark center line of post/mounting surface (Example: 5-1/4" post = 2-5/8"). Determine distance from bottom rail to stair nosing (See local building codes for height limitations), center bottom rail with center line of post and mark slot in mounting bracket. Drill a 3/16" hole and Install #14 x 2" screw to within 1/8" of post. Set bottom rail in place, locate the center (as close as possible) stair tread and measure the distance from tread to bottom of rail.

Cut foot block to length (one end cut to match stair pitch), slide foot block in place (make certain bottom rail is resting on mounting screws) and mark front and back of foot block onto bottom rail. Remove bottom rail, turn with bottom side exposed and locate foot block marks. Install foot block keeper (supplied) between marks. Slide Foot Block over keeper and set rail in place. Adjust if necessary and remove. Remember to install foot block after rail is assembled and ready to set in place.
NOTE: Using Structural Post with 4" x 4" Composite Post Sleeve, requires using "SK1 – 4" Post Sleeve" screw packs provided with all mounting bracket kits. Shorter mounting screws will not interfere with steel support post (May also use with wood post).

6 Assemble Rail Section

Place cut rails on a non- abrasive surface. A) Drill holes for baluster connectors at desired spacing with 1/16" drill bit. B) Screw aluminum baluster connectors to rails in pre-drilled locations using provided hardware. C) Seat aluminum balusters on bottom rail baluster connectors with rubber mallet. D) With balusters installed at bottom rail, set sub-rail in place and starting at one end, tap sub-rail into top of baulsters.

7 Install Rail Section

Place rail section between posts/mounting surfaces above bottom screw. Slide rail section down to engage bottom mounting bracket onto screw. Find center of post/mounting surface and center top mounting bracket. Pre-drill two 1/8" holes through top mounting bracket holes into post/mounting surface and install #10 x 2-1/4" screws (both ends). **(See NOTE, Step 5)**

8 Install Top Rail

With rail section mounted in place, measure inside distance between post/mounting surfaces. Cut TOP RAIL to length at stair angle. Slide TOP RAIL over sub-rail. In the inner second slots of top rail brackets install a #10 X 1-3/4" screw in pre drilled hole. Find "quarter points" between post, pre-drill and install the 2 additional #10 x 1-3/4" screws.

Integra Railing
20 Year Limited Warranty
www.integrarail.com
10v2

The Manufacturer warrants its composite railing and accessory products subject to the conditions and limitations listed herein, to be free from defective workmanship and materials, and when subject to normal and proper use, it is further warranted against surface peeling, rot, ground insects, splitting, corrosion, flaking, rusting and blistering, abnormal weathering or abnormal discoloration under conditions of normal use and service. The Manufacturer warrants only those products manufactured and sold under the Green Bay Decking LLC name, Integra Railing. This 20 Year Limited Warranty extends only to the original consumer purchaser according to terms specified herein.

Exclusions:
The Manufacturer shall not be liable for and this warranty does not apply to any terms, failure, defect, or damage resulting from or connected with the following:

- A. Defects not caused by The Manufacturer (for example, but not limited to: accidents, misuse, improper applications, or installations contrary to industry standards or practices)
- B. Product that has been painted or had its surface treated with other than approved chemicals. Refer to Maintenance Tips and Cleaning
- C. Product subject to impact of foreign objects, tornado, hurricane, other violent storms, fire, air pollutants, normal weathering of surfaces, abnormal discoloration due to improper maintenance, acts of God, or discontinuation of products including colors and sizes
- D. Improper installation of Integra Railing products or defects caused by their installation
- E. This Warranty will not be applicable for products that are covered by a specific or implied separate warranty or duration
    1) Integra Railing aluminum balusters are limited to a warranty period coverage of 10 years
- F. Installation of products in a commercial, institutional or multi-family residential environment or application shall limit the duration of this coverage to 15 years from date of purchase
- G. Products sold, shipped or installed in single dwelling residence outside of the Continental United States shall have a limited duration of this coverage to 15 years from date of purchase

Warning:
Green Bay Decking LLC employees, distributors and dealers are not qualified to approve, recommend or advise as the suitability of this product for all possible local code requirements and end-user applications.
Your local code authority or fire marshal's office should be consulted as to its safety for its intended uses.

Registration of Warranty:
Warranty Registration can be accomplished by the original purchaser or contractor by visiting www.geodeck.com for a copy of the Warranty Registration. The completed and signed warranty registration is then to be returned to Green Bay Decking within thirty (30) days after completion of installation of products in order for purchaser to be eligible for coverage under this warranty.
NOTE: Proof of purchase is necessary to exercise claims and remedies for any occasion.

Claims and Remedies:
A claim under this warranty must be reported in writing with proof of purchase, to Green Bay Decking LLC, 1518 South Broadway, Green Bay, WI 54304, within thirty (30) days of the date that the defect is first discovered or reasonably could be discovered. A reasonable time should be allowed for inspection purposes, or at The Manufacturer's option, shipment of a sample to the above address for examination of the alleged defective product. The Manufacturer shall be the sole judge of whether or not the material is defective and whether the defect is due to manufacturing defects. If, after its inspection, The Manufacturer determines the claim is in accordance with the terms of this 20 Year Limited Warranty, agrees at its option to replace either replace the section or part of the product, or refund the prevailing cost of the product in your geographical area at the time of replacement or refund the original purchase price, whichever shall be less. This warranty does not cover the cost of removal of any defective products or the cost of installation of any replacement product furnished under the terms of the warranty. Incidental or consequential damages and resulting cost incurred as a result of a coverage claim are excluded and will not be paid.

Statements, remarks, agreements, representations, promises or understandings, oral or written, contrary to the terms contained herein, even those made by an agent of Green Bay Decking, will be recognized as neither implied warranties nor those of merchantability or fitness for use of specific applications. Some states may not allow the limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so some or many of the limitations may not apply to you. This warranty gives specific rights and there may also be other legal rights which vary from state to state. By acceptance and use of this product, purchaser agrees, that Green Bay Decking's liability and the purchaser's exclusive remedy for breach of any warranty shall be limited in all events to replacement of any section or part of this product which is found to be defective and shall be returned to Green Bay Decking.

Maintenance Tips and Cleaning for Integra Railing Products
Integra Railing composite rail products require minimal maintenance; your product will become dirty just as any other product exposed to atmospheric conditions. With very little effort you can keep your building products clean. A heavy rain will do wonders in cleaning it, or you can wash it down with an ordinary garden hose. If neither rain nor hosing does a satisfactory job, just follow these instructions:

Normal Maintenance:
Use an ordinary, long handled car washing brush. This type brush has soft bristles, and the handle fastens onto the end of your hose, which allows you to wash the building products just like you wash your car. If the dirt is hard to remove, such as soot and grime found in industrial areas, wipe down your vinyl coated composite products with the following solution: 1 cup of "Simple Green" and 1 gallon of water, (if extremely dirty mix solution 1/2 and 1/2). This solution can be put in a spray bottle and sprayed on, then wiped immediately with a soft cloth, or mix 1/3 cup powdered detergent (i.e. Tide or equivalent powder detergent) or 2/3 cup household cleaner (i.e. Spic and Span or equivalent)* and 1 gallon of water. If stubborn stains still exist, use the following chart. Follow all safety and precautionary labeling instructions on the container and do not to mix cleaning agents. Protect shrubs from direct contact with cleaning agents.

Type of Stain	Cleaning Agent	Preparation	Special Cleaning Procedures
Oil, grease, wax, crayon, asphalt, tar, etc.	Solvents - mineral spirits, VMP naphtha, auto tar remover	Remove excess with a plastic scraper.	Use a soft cloth to apply mineral spirits. Avoid polishing stained areas by using too much pressure. After removing stain, rinse with water.
Ink, nail polish, paint, lipstick, and gum	Cleaning fluid (trichloreothylene)	Remove excess with a plastic scraper. Chill gum to remove excess.	Use a soft cloth to apply cleaning fluid. Avoid polishing stained areas by using too much pressure. After removing stain, rinse with water.
Stubborn stains	Xylene-lacquer thinner	Try above procedures. If they fail to remove stain, use this special cleaning procedure.	Dampen small section of cloth with xylene, rub vigorously.

Installation Information and FAQ's ■ Integra™

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Getting Started

Decks come in all shapes and sizes, but there are only a few types of cable runs that go on those decks. The following illustrations represent four different types of runs, all of which are straight runs that are less than 25' long, which involve no bending of the cable itself. Each run requires a fitting that will act to tension the cable once installed. The other end is a non-tensioning Push-Lock™ or Pull-Lock™ fitting.

We do not recommend any run be more than 25' long using just one tensioning device. If you have a run that is longer than 25', or involves bending the cable, please call us for assistance in determining an effective solution.

Sample Decks

You will see that Run #1 on each drawing is the "view run" — the one that is most important, most visible of all your runs. It's the one on which you want to have the least interference with the view, so you always start with that run and build around it.

Stair Runs

Stair 1

The most economical approach is to go through both top and bottom end posts. The holes in the end posts, and any intermediate posts, must be drilled on the angle of the stairs.

Selection for outside-of-post to outside-of-post configuration in Stair Run 1, with wood or metal posts:

Use the 200 series (appropriate to post material) with beveled washers.

1/8" 1x19 stainless steel cable
Delrin washers for use with metal posts
Pre-attached swaging stud
Pull-Lock™ fitting with cap
Invisiware Receiver
Stainless Steel washers for use with wood posts
200 Series

Stair 2

Top posts are often corner posts, which may require the stair run to connect to the inside of the post. The top and bottom of the cable run would be connected perpendicular to those posts, and only the intermediate posts would be drilled on the angle for the cable to run through.

Selection for inside-of-post to inside-of-post configuration in Stair Run 2:

Use the 500 series, with LE-6 lag eye for wood posts or TT-6B threaded tab for metal posts. The tensioning device is an Adjust-a-Body with Threaded Eye, which attaches via mounting screw to the lag eye or threaded tab. A Push-Lock with Threaded Eye attaches the same way to the other end.

1/8" 1x19 stainless steel cable
Adjust-A-Body with Threaded Eye
Pre-attached swaging ferrule
Push-Lock™ Threaded Eye
SC-6 Screw
SC-6 Screw
500 Series
(Also Requires Lag eye. Sold Seperately)

Deck 1

House

3" min.

outside mount

outside mount

Run #2

Run #3

3" min.

outside mount

outside mount

Run #1

outside mount

outside mount

Deck 1 has dedicated end posts for each run, and the posts are situated such that the back side of the posts are all accessible, meaning you can use an   outside-of-post to outside-of-post   configuration for all runs. This is both the most economical and least visible solution.

Options for all runs on Deck 1:
If wood posts, use the 262 series.
The tensioning device is a 3½"-long Invisiware Receiver, which installs flush through the wood post on one end. A Pull-Lock fitting is installed through the other end.

200 Series

Deck 2

House

inside mount

inside mount metal

Run #2

Run #3

outside mount

outside mount metal

Run #1

outside mount

outside mount
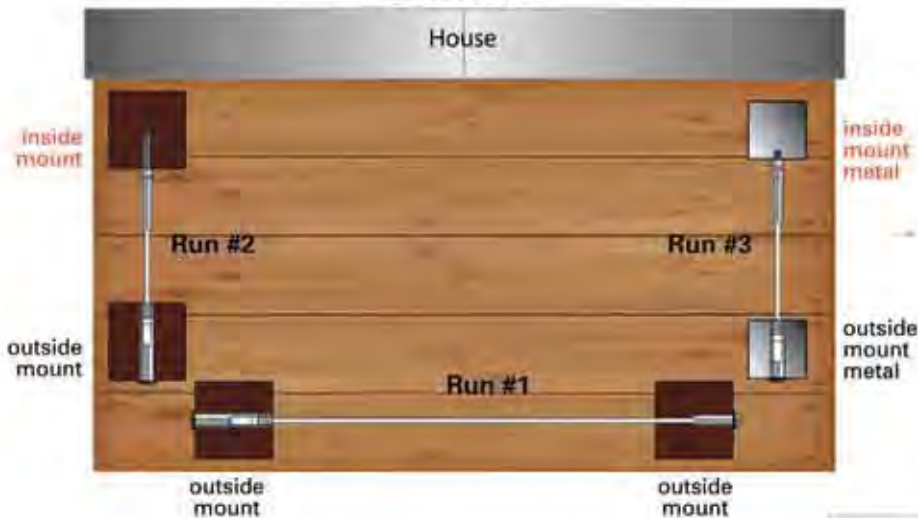
Like Deck 1, Deck 2 has dedicated end posts, but in this case, the posts next to the house are too close to access the back side of the posts. Run #1 is still outside to outside, so it will take the same configuration as on Deck 1. However, for Runs #2 and #3, you will attach to the   inside of the posts next to the house and run   through the post at the other end.

Options for   inside-of-post to outside-of-post configuration in Runs #2 and #3:
If wood posts, use the 601 series.
The tensioning device is a 3½"-long Invisiware Receiver, which installs flush through the wood post on one end. A Push-Lock Lag is lagged into the other end.

601 Series

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CABLE RAILING SYSTEMS

Deck 3

On Deck 3, there is now only one end post at the corners. The posts next to the house butt right up to it so the back sides of those posts are not accessible. Run #1 is still outside to outside, so it will take the same configuration as on Deck 1. Runs #2 and #3 will need to connect to the inside of the corner post going back toward the house to keep the cables on the same plane. They will also need to connect to the inside of the posts next to the house as well.

Options for inside-of-post to inside-of-post configuration in Runs #2 and #3:

If wood posts, use the 300 series.
The tensioning device is an Adjust-a-Body with Hanger Bolt, which lags into the wood post on one end. A Push-Lock Lag is lagged into the other end.
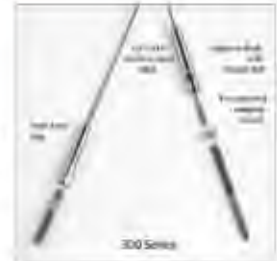
Deck 4

On Deck 4, there are still single posts at the corners. Run #1 is still outside to outside, so it will take the same configuration as on Deck 1. Runs #2 and #3 will need to connect to the inside of the corner post going back toward the house to keep the cables on the same plane, and since there is room behind the post next to the house, you can go through that post.

Options for outside-of-post to inside-of-post configuration in Runs #2 and #3:

If wood posts, use the 601 series.
The tensioning device is a 3½"-long Invisiware Receiver, which installs flush through the wood post on one end. A Push-Lock Lag is lagged into the other end.

Framework You Will Need for Cable Railing

End Post Construction

Since hundreds of pounds of tension is being applied to end posts using cable railing, those posts must be substantial enough to handle that tension.

For wood posts a minimum 4x4 (3-1/2" square) post is required to keep the post from bending when the cables are tensioned. You will need a top rail, and we recommend that it be reinforced with a support such as a 2x4 on end under the top rail (see illustration at right). End posts must be securely mounted to the deck to prevent the post from coming loose when the cables are tensioned. A bottom rail helps distribute the force away from the bottom of the post, but is not required.

For steel posts, kits are designed for use with 1-1/2"x1-1/2" square and 2"x2" square tube. End posts will need to be a minimum 1/4" wall to handle the load when the cables are tensioned; intermediates can be 1/8". As with wood posts, you will need a top rail, but that is sufficient for structural integrity. For aluminum, your end posts should be reinforced and you may want to consider a bottom rail to help prevent post-bowing (see illustration below).

Of course, secure mounting of the posts to the deck is just as important with metal posts as wood, and as important with end posts as intermediates.

Intermediate posts between end and corner posts

To keep the cable from spreading beyond standard code requirements, we recommend that the cable

Cable brace

Support

4 x 4 minimum

Maximum 3" clear span between cables
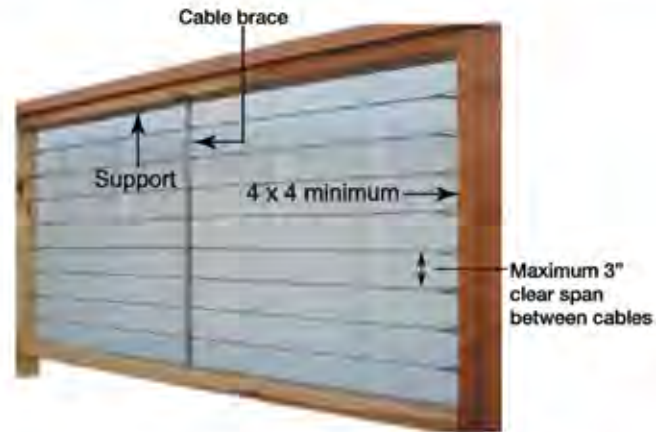
be supported in some manner no more than every 42" along its run. Intermediate posts, through which the cable is strung, act as supports for the cable. To avoid having to use more intermediate posts than is structurally necessary, a thin metal cable brace with holes for the cables to pass through can be used to support the cables (see illustrations). A typical cable brace is ¼" thick by 1" wide and made of steel (which is then painted) or stainless steel and can be ordered separately.

Cable spacing on your posts

We recommend that you space the cables with no more than a 3" clear span between the cables (see illustrations). For example, if you are using 3/16" diameter cable, you would drill your holes on center no more than 3-3/16" apart.

Frame must support minimum of 400 lbs. tension per cable

Max. 42"

Support cables no more than every 42"

Approximately 3" clear opening between cables.

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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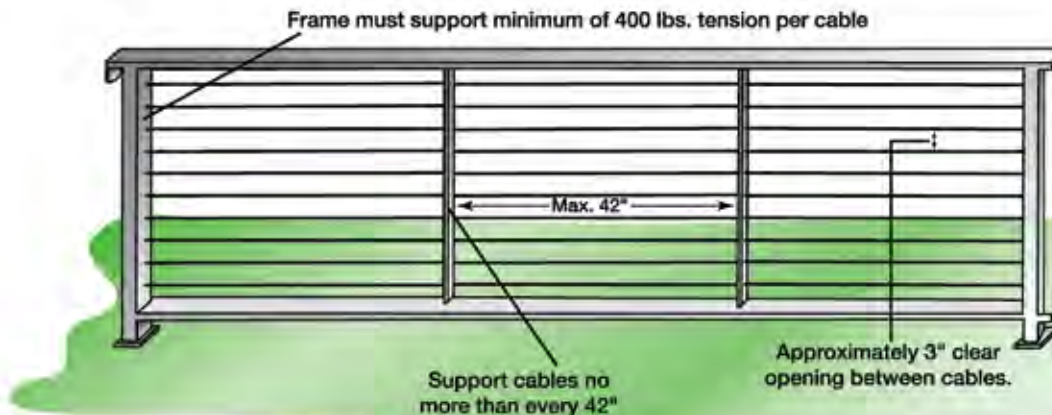
Kit Assemblies at a Glance

Fitting combinations for wood railings

100 Series
262 Series
300 Series
601 Series
100 Series with beveled washers
262 Series with beveled washers
500 Series

Fitting combinations for metal railings

101 Series
200 Series*
401 Series
700 Series*
101 Series with beveled washers
200 Series* with beveled washers
500 Series
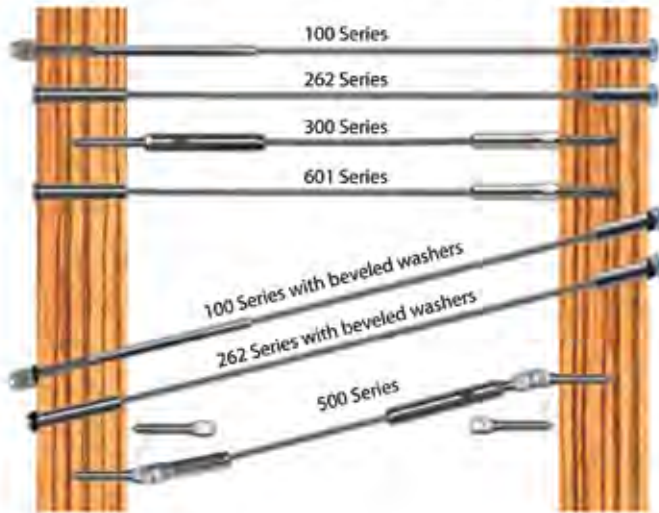
For straight runs:

100 Series* (outside to outside)
   Threaded stud to Pull-Lock™ (PUL-4)

262 Series (outside to outside)
   Invisiware® Receiver (R-6-62) to Pull-Lock (PUL-4)

300 Series (inside to inside)
   Adjust-a-Body® (A-JB6) to Push-Lock™ Lag (PL-TH)

601 Series (outside to inside)
   Invisiware Receiver (R-6-62) to Push-Lock Lag (PL-L4).

For stairs, pitched runs:

100 Series (outside to outside)
   Threaded stud to Pull-Lock (PUL-4)
   with beveled washers (BWXX-6)

262 Series (outside to outside)
   Invisiware Receiver (R-6-62) to Pull-Lock (PUL-4)
   with beveled washers (BWXX-6)

500 Series (inside to inside)
   Push-Lock with threaded eye (PL-TE) to Adjust-a-Body
   with threaded eye (A-JTE6) with lag eyes (LE-6)

Recommendations for wood railings:

Outside attachments can only be used if your end posts are not obstructed on the back side (Series 100, 200, 601 [one end only]).

If you are unable to access the back side of your end post, then you will need to use a series with an inside attachment (Series 300, 500 [both ends] or 601 [one end only]).

If you are installing a railing with a pitch, you will need a series that can be run on an angle (Series 100, 262, or 500).

For straight runs:

101 Series* (outside to outside)
   Threaded stud to Pull-Lock (PUL-4)

200 Series** (outside to outside)
   Invisiware Receiver (R-6-62) to Pull-Lock (PUL-4)

401 Series (inside to inside)
   Adjust-a-Body with threaded eye (A-JTB6) to
   Push-Lock with threaded bolt (PL-TH)

700 Series** (outside to inside)
   Invisiware Receiver (R-6-62) to
   Push-Lock with threaded bolt (PL-TH).

For stairs, pitched runs:

101 Series* (outside to outside)
   Threaded stud to Pull-Lock (PUL-4) with beveled
   washers (BWXX-6)

200 Series** (outside to outside)
   Invisiware Receiver (R-6-62) to Pull-Lock (PUL-4)
   with beveled washers (BWXX-6)

500 Series (inside to inside) — Push-Lock with threaded eye
   (PL-TE) to Adjust-a-Body with threaded eye (A-JTE6)
   with threaded tabs (TT-6)

* Please note the 100 and 101 Series of threaded stud offering can be used
   on any outside-mount to outside-mount configuration, but are not
   shown in any of the following deck examples.

** 212 and 702 series are for use with 1-1/2" metal posts;
   232 and 703 are for use with 2" metal posts.

Recommendations for metal railings:

Outside attachments can only be used if your end posts are not obstructed on the back side (Series 100, 200, 700 [one end only]).

If you are unable to access the back side of your end post, then you will need to use a series with an inside attachment (Series 400, 500 [both ends] or 700 [one end only]).

If you are installing a railing with a pitch, you will need a series that can be run on an angle (Series 100, 200, or 500).

Installation Information and FAQ's ■ADI

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

A Closer Look at Corner Posts Where Two Cable Runs Intersect

While you can offset cables on intersecting runs to use less expensive fittings, most people want all their cables to exist on the same plane, to give the impression that cables are continuous.

Ultra-tec fittings are designed to be able to reside within the same post in many configurations. Below are some examples of how your kit components work together.

PUSH-LOCK™ or PULL-LOCK™

ADJUST-A-BODY® WITH HANGER BOLT

ADJUST-A-BODY® WITH THREADED BOLT

INVISIWARE® RECEIVER

INVISIWARE® RECEIVER

PUSH-LOCK™ LAG

LAG EYES

PUSH-LOCK™ with THREADED EYE

ADJUST-A-BODY® with THREADED EYE
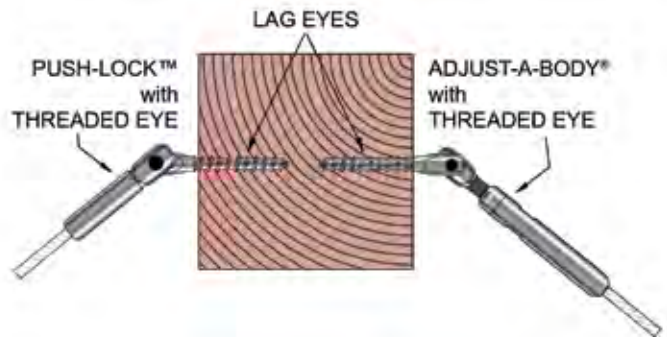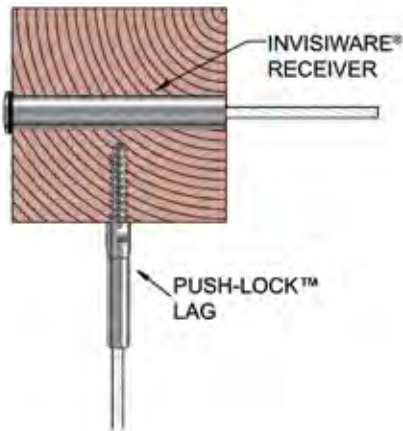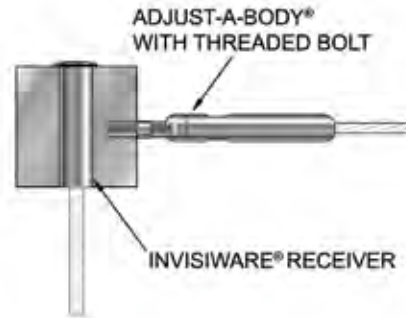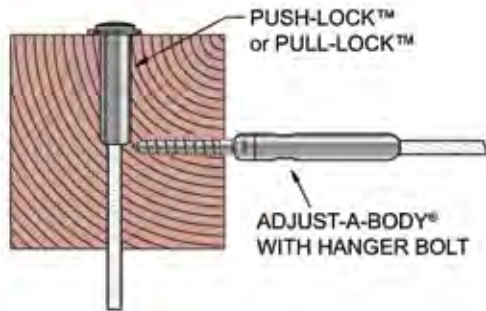
Going Around Corners

Yes, you can go around corners, and yes, you can use cable for runs in excess of 25 feet, but it's best not to try to do it with one of these kits. For projects with these kinds of runs, contact us and we'll map out the railings for you as they'll best, and most economically, work.

CABLE

TO END POST WITH TENSIONER

POST PROTECTOR TUBE

TO END POST WITH TENSIONER

Installation Information and FAQ's ■ADI

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

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Installation Information and FAQ's ■ **INVISI•FAST™**

Spacing Recommendations

Composite Decking Spacing Recommendations

1/8"	3/16"	1/4"
Correct Deck™	Geodeck™	Trex™
Timber-Tech™	Weather Best™	Rhino Deck™
EverGrain Decking™	Fiberon™ Decking	Symmatrix™
Vekadeck™		ChoiceDek™
Exotics by Monarch™		Veranda™
Azek		Gossen
TrueMarc		TerraDeck
Novation Decking		
Procell™		
Sensibuilt		

Natural Wood Spacing Tip

It's really a personal preference. You can choose to go with a spacer if want to pregap your boards or a no spacer. We are findng that when no spacers are used the deck boards shrink about 1/16". This is on the field testing we have completed, and from contractor feedback. Alot of people prefer this while others would prefer to pregap the deckboards. There is no wrong way to install treated or cedar boards, just whatever your preferance may be.

Invisi-Fast Hidden Deck Fastener Warranty

Return/Warranty Policies

INVISI-FAST HIDDEN DECK FASTENERS HAVE A WARRANTY AGAINST ALL PRODUCT DEFECTS.

The following warranty is made in lieu of all other warranties expressed or implied. Any goods proven to be defective due to materials will be replaced, or purchase price refunded. Under no circumstances shall the manufacturer be responsible for damages in excess of the purchase price. User shall determine the suitability of the product for its intended use and assumes all risks of its use or handling.

Frequently Asked Questions

1. What is included in each Invisi-Fast Kit?

Answer: Everything needed to install your deck.

100pc kit includes:

- 88 Invisi-fast fasteners (choice of spacing size: 1/8" 3/16" ¼" No space)
- 12 No space fasteners for the perimeter of deck
- Installation Instructions
- 300 ACQ compatible screws
- Driver bit

500pc kit includes:

- 440 Invisi-fast fasteners (choice of spacing size: 1/8" 3/16" ¼" No space)
- 60 No spacer fasteners for the perimeter of deck
- Installation Instructions
- 1500 ACQ compatible screws
- Driver bit

2. How strong can the fasteners be if they are only made out of plastic?

Answer: The Invisi-Fast fasteners are made out of a Polycarbonate resin. Polycarbonate is a tough, dimensionally stable, transparent thermoplastic that has many applications which demand high performance properties. This versatile thermoplastic maintains its properties over a wide range of temperatures, from -40"F to 280"F. It is the highest impact of any Thermoplastic, transparent up to 2" in special grades, outstanding dimensional and thermal stability, exceptional machine ability, stain resistant and non-toxic.

Impact strength
Polycarbonate is virtually unbreakable, making it extremely safe in areas where parts may be exposed to impact. When exposed to repeated heavy blow, the material tends to cold form rather than shatter.

Applications

- Lenses (safety glasses)
- High temperature and pressure windows(airplane windows)
- Face shields
- Industrial equipment and housing components
- Medical equipment components
- Instrument components
- Electrical insulators and connectors

- Aircraft & Missile components
- Portholes in pressure chambers
- Jet pump impellers and diffusers
- Automotive parts
- Construction Components
- Assembly line cogs

Installation Information and FAQ's ■ INVISI·FAST™

3. What type of screws are needed to install Invisi-Fast?

Answer: We recommend 1" or 1 ¼" screws depending on the measurement of your deck boards. If your deck boards measure 7/8" or less, you must use 1" screws. If your deck boards measure more than 7/8", you must use 1 ¼" screws. Invisi-fast kits include the recommended screws for your project.

4. Do the fasteners require a lot of time to install?

Answer: Compared to other hidden deck fasteners, the Invisi-fast is much less time consuming. People are also surprised at how simple they are to install. Just think about every time you put a screw in your making progress.

5. Do you have to be a contractor to use Invisi-Fast or can you be a "do-it-yourselfer"?

Answer: The Invisi-Fast was designed for the contractor or DIY'er. It was designed by a decking professional.

6. Why do you recommend using construction adhesive?

Answer: Construction adhesive acts as an insulator, helping eliminate squeaking and creaking after your deck boards have settles, so your deck will sound solid years after installation. Depending on which exterior construction adhesive is required for your climate area, the adhesive also provides additional holding power.

7. What happens if I need to replace a board?

Answer: Invisi-fast allows you to replace any one board on your deck. You can replace a board in the middle of the deck by unscrewing the fasteners from below, replace the board, and screw it into place. It's that simple.

8. Can you install the Invisi-fast from above instead of below the deck?

Answer: Yes. With the new tabs added to the fastener, it is much easier to install from above.

9. Do I need to purchase a Bo-Wrench to install my deck?

Answer: No. The Invisi-fast does not require any additional tools to install. We offer the BoWrench as an accessory to assist in your installation. It is an accessory tool that pulls or pushes out any warps or twists that may be present in your decking.

10. When will my order be shipped?

Answer: We guarantee to ship within 24 hours, but usually ship the same day. If you need your order by a specific date, please let us know. We try to accommodate all of our customers' needs. We are located within the Eastern Time Zone, so earlier calling means that you will receive your product within your time frame.

11. Can I use the Invisi-Fast on the deck stairs? Why would I use a hidden deck fastener that I would not be able to use on the stairs?

Answer: The Invisi-Fast is a perfect fastener for stair fastening. With our no spacer Invisi-Fast you can fasten all riser boards and the front and rear of all treads. Use a Invisi-Fast with spacer between treads if needed. Click on Stair Installation from our INSTALLATIONS page for a detailed stair installation guide.

INVISI·FAST™
HIDDEN DECK FASTENER

INSTALLATION

+PLUS™ INSTALLATION

Step 1: Starting from the outside, attach the Invisi-Fast™ with no spacer between each joist. *Install first board with proper overhang and secure using the top holes (Deck Board Holes) of the Invisi-Fast™ fastener.

*For a more sound deck and to prevent squeaks, we recommend applying a 3/8" bead of Silicone or Construction Adhesive along joist before installing Invisi-Fast™ hidden deck fastener to help fill in voids and imperfections on the mating surfaces between the joist and deck boards. Not applying adhesive will not compromise stability.

Step 2: Using the Invisi-Fast™ with spacer, slide the convenient Overhang Tabs under your first deck board for hands free attachment. Then, using an approved deck screw, fasten the Invisi-Fast™ to the joist using a lower hole. We recommend one screw to be fastened into the joist. The other 2 holes are to be used as backups (if wood imperfection is present.)

Step 3: Secure the deck board by using the corresponding upper hole.

Note: When 2 boards meet each other on a joist, install an Invisi-Fast™ on each side of the joist.

Step 4: Lay the next board in place to assure proper orientation. Simply flip the deck board (top surface facing down) onto the previous deck board. Visually align the board making sure it is flush with the previous board.

Step 5: Place the Invisi-Fast Plus™ fastener onto the deckboard, between the joists. Align the fastener with the edge of the board using the alignment mark (labeled EDGE on the Plus fastener) and fasten using the 2 screw holes with screws provided.

Note: Make sure the EDGE alignment mark faces down when you fasten to deck board.
Note: When two deck boards meet, make sure the Invisi-Fast Plus™ fastener is installed near the Invisi-Fast™ with spacer.
Tip: It may be helpful to use your finger as a guide when aligning the Invisi-Fast Plus™ fastener to deck board.

Step 6: Flip the board over, making sure the board is flat on the joist and tight up against the Invisi-Fast™ with spacer. Repeat steps 2 through 6 and continue for the length of the deck.

Note: Prior to securing the final board, cut your board to size if necessary. Using the Invisi-Fast™ without a spacer, secure the Invisi-Fast™ to the inside perimeter board (rimboard) using the lower hole. Then once all perimeter fasteners are secure, fasten your final deck board using the upper deck board holes.

Please be sure to check with your deck board manufacturer for proper deck board spacing when using the Invisi-Fast™ Hidden Deck Fastening System. Use necessary safety precautions when installing Invisi-Fast™ Hidden Deck Fasteners.
Patent Pending

WARRANTY

Installation Information and FAQ's ■ INVISI·FAST™

Tiger Claw, Inc. Hidden Deck Fasteners 25 Year Limited Warranty

Thank you for buying a Tiger Claw, Inc. product. We are confident in the quality of our products and are proud to offer this warranty to you.

TERMS AND CONDITIONS TWENTY FIVE YEAR LIMITED WARRANTY

This non-transferable Warranty covers all Tiger Claw, Inc. hidden deck fasteners used in residential and commercial decking applications.

Tiger Claw, Inc. warrants its hidden deck fasteners to be free of defects in material and workmanship. Warrantor will replace any Tiger Claw, Inc. hidden deck fastener that has material defects resulting in steel failure or corrosion of the fastener within twenty-five years from date of purchase.

This warranty specifically excludes damage caused by misuse, abuse, alteration, modification, improper installation, and treatment in a manner other than as intended. Warrantor's lone obligation is limited to replacement of the Tiger Claw, Inc. product, and Warrantor shall have no further liability or obligation except as purposely stated in this document. This warranty does not cover costs of installation, removal, reinstallation, decking materials, or installation tools.

Failure to follow the instructions, requirements and recommendations, or warnings provided with the product shall make the warranty invalid. Tiger Claw, Inc. reserves the right to investigate any claim. Decking applications using this product must comply with all local zoning and/ or building codes. Tiger Claw, Inc. does not assume any risk or liability associated with the use of this product. Wearing proper safety equipment and other necessary action should be taken to ensure the safety of everyone involved in the project.

MAKING YOUR CLAIM

To make a claim under this warranty to receive replacement product, simply do the following:

(1) Prepare a letter which includes the following information:
  • A list of the type and number of fasteners for which the claim is made.
  • Proof of purchase of the product, or description of the purchase date and location.
  • Reason for claim.

(2) Mail the above information to:

Tiger Claw, Inc.
Warranty Information
400 Middle St., Unit J.
Bristol, CT 06010

Please note: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow exclusion or limitations of incidental or consequential damages or limitations on how long an implied warranty lasts, therefore the above exclusion may not apply to you.

This warranty is in lieu of all other warranties, expressed or implied. Tiger Claw, Inc. does not make any implied warranties of merchantability or fitness of its products for a specific purpose.

Decklights are easy to install!

Wires from Decklight have male snap-on connectors

60" long pigtail (part #DLE 4410) has female snap-on connectors

Detail at Top of Post

¼" x ¼" saw or router cut for wires

¼" x 1¼" batten board to cover wire slot

Main 12-volt wire

To next light

Low-voltage snap-on piercing connector (included with pigtail)

Low voltage plug-in transformer: 110 volts in, 12 volts out
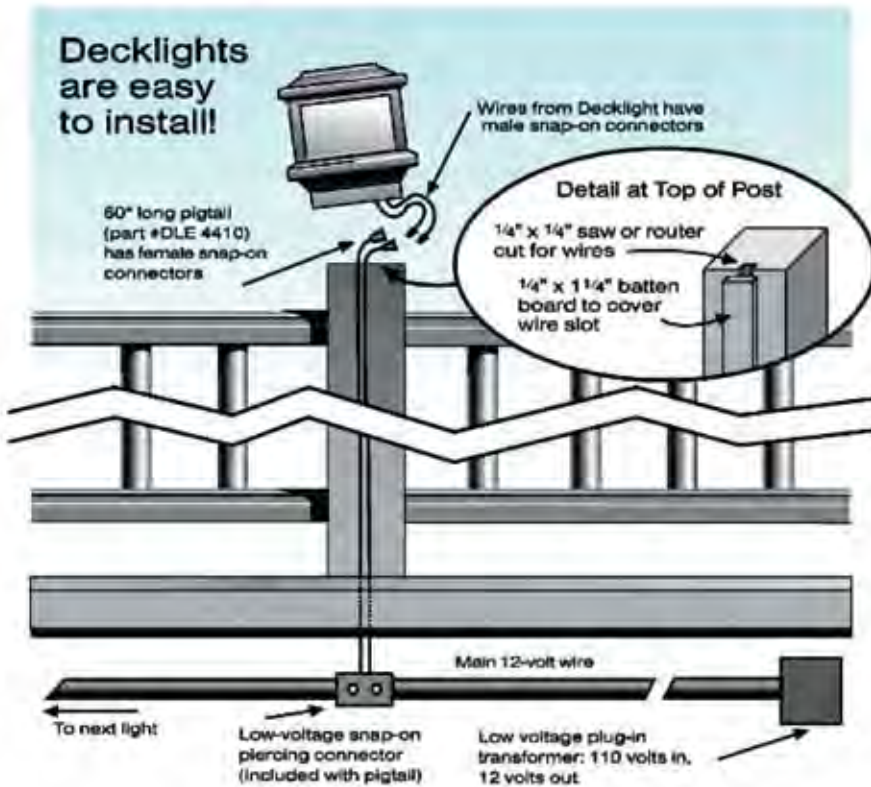
Before You Start

- Read and Understand the instructions completely.
- Be sure electrical current is turned off.
- If you have any doubts about how to install fixture, please contact an electrical contractor.

Installation

1. Connect Deck light only to a 12 volt power source
2. Connect wires from "12 volt supply line" to the Deck light (Push connectors together, if using the DLE4410) or if using standard wire attach with wire nut.
3. Attach Deck light to post using screws provided.
4. The Deck light includes (1) 18 watt, 12 volt bulb
5. Turn on power to confirm light is on

Main low voltage wire: Be sure to use a minimum of 12-gauge, UV protected, exterior grade wire. To determine the amount of wire required, measure the distance from the furthest light, in series, back to where the transformer will be mounted (interior or exterior, wherever an outlet is available). Each light is wired "daisy chain" style to the main low voltage wire, using the DLE4410 pigtail. The wire is typically sold in 100', and 500' coils. The wire can be run above ground, under the joist or under the handrail, through the vinyl, or under ground. It is low voltage, so it need only be buried 3" or so underground. Wiring should not exceed 200' runs. If 200+ feet is required, please refer to transformer instruction sheet for additional wiring options.

Transformer: Transformers are specified per the installation. Always size the transformer as close as possible to the required wattage draw, without going over. The wattage output of the transformer is important; you do not want too much or too little output on the transformer. To determine the size of the transformer, add up the total number of light-watts. This is the wattage of the fixture times the number of fixtures. Example: 6 each DLA6040 = 6 lights x 18 watts = 108 watts. Then select the next larger size transformer, in this example 121 watt transformer. Transformers usually have built in timers to set on/off times, as well as a manual override, or have a built in photo-eye for automatic on/off applications. With a switched exterior outlet your transformer can be controlled from indoors.

Installation Information and FAQ's ■ ADI™ DECK LIGHTING

Frequently Asked Questions:

- **How many lights can I install on a transformer?** Up to 50 lights. See transformer section. For further detail, read the transformer instruction sheet included with the transformer
- **How do I install wire in a wood post?** Simply cut or route a channel vertically on the face of the post. Once wire is installed, cover with a batten strip or cut a filler piece to match the slot size. Additionally, the wire can run under the handrail. In this application, drill a hole from the top of the 4x4, on an angle, to meet the underside of the handrail. Run wire from post to post, under the handrail.
- **Can I put the lights on an inside switch?** Yes. To do so, the outlet that the transformer plugs into must be wired to the desired switch. The transformer is then placed in "manual mode", operated by the light switch.
- **What type of bulb is used, and where do I get replacements?** The bulb is a standard automotive brake light bulb, and can be purchased at any auto parts store.
- **Can the light output be reduced on the low voltage light?** A 13 watt bulb is available to reduce the light output if desired.
- **Can a dimmer switch be used?** Dimmer switches are not effective on low voltage lighting.
- **Some lights appear dimmer than others, what do I do?** This is a result of wiring issues. Primary due to longer distances from the transformer (200 or more feet). There are several different wiring schemes to address and/or correct this. Please refer to the transformer instruction manual to correct.

Warranty Information

Unless otherwise noted, all Aurora Deck Light products are covered by a one-year limited warranty.

Aurora Deck Lights warrants this product against defects in materials or workmanship as follows:

For the first year from the date of purchase, Aurora Deck Lights will repair or replace the unit, at our option, without charge for parts or labor. After the indicated period of one year, the product owner is subject to pay repair and parts fee.

This limited warranty is non-transferable, and consequently only valid toward the purchaser of this product. It does not cover damage or failure caused by or attributable to natural disaster, abuse, misuse, improper or abnormal usage, faulty installation, improper maintenance, lightning, or other incidences of excessive voltage, or any repairs or tampering by other than by Aurora Deck Lights or its Authorized Service Center. Repair or replacement under the terms of this warranty does not extend the terms of this warranty.

Should this product be proven defective in workmanship or material, the consumer's sole remedies shall be such repair or replacement as provided by the terms of this warranty. Under no circumstances shall Aurora Deck Lights be liable for any loss or damage, direct, consequential, or incidental, arising out of the use of or inability to use this product. Some states do not allow limitations on how long an implied warranty lasts or the exclusions or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to the product owner. This warranty gives the product owner specific legal rights. The product owner may also have other rights, which vary from state to state.

To obtain warranty service, contact Aurora Deck Lights Service Department at 1-800-603-3520 or at www.auroradecklighting.com. When returning a unit for warranty service, the product owner must obtain a return merchandise authorization number from a service representative of Aurora Deck Lights. In addition, please include a copy of the product owner's sales receipt, a brief description of the symptoms, name, address, and phone number. Then deliver or ship the product, postage or shipping costs prepaid (insurance suggested), to:

<div align="center">

Aurora Deck Lights
499 W. Whitewater Street
Whitewater, WI 53190

</div>

All warranty repair or replacement will be returned to the customer using UPS® Ground service or other carriers at our option. If a faster carrier method is requested, the product owner must pay the cost difference over the UPS® Ground service charge. Aurora Deck Lights is not liable for products lost or damaged during shipment.

Low Voltage and Solar Deck Lighting Alternatives

1. Deck Light Products & Accessories
2. Specifying Lighting Products
3. Product Installation – You CAN do it!
4. Frequently Asked Questions

Brought to you by:

Light Up Your Outdoor Life With Decklights!

Deck Light Products

Lighting products for exterior applications can be broken down into three categories:
- Low Voltage (12 Volt)
- Line Voltage (110 Volt)
- Solar Powered

Low Voltage Lighting:

Low voltage lighting utilizes a transformer to step the power down to 12 volt from 110 volt; the transformer is plugged into a standard wall outlet. Most transformers are approved for use indoor and outdoor. The wiring and installation method used on low voltage deck lighting is the same principle as low voltage landscape lighting: From the power source, the low voltage wiring is run in series from one light to the next, connecting all lights on one "main" low voltage wire. Connection to this main low voltage wire varies by manufacturer. Step lights, pathway lights, and accent lights can be attached to this same main low voltage wire. Installation is very easy with low

Installation Information and FAQ's ■ ADI™ DECK LIGHTING

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voltage wire, and the most areas of the US do not require an electrician for installation. In addition, low voltage lighting uses relatively little power. Always size the transformer to the closest total wattage being used on the job, without exceeding the wattage of the transformer. Under-sizing the transformer will cause the furthest lights from the transformer to appear dimmer than the others. In addition, under sizing the transformer will cause the transformer to fail. Over-sizing the transformer will cause all of the lights to appear brighter than they should be, and will reduce bulb life. Daisy chaining, or wiring lights in series should not exceed a total lineal footage of 200′. If the application requires wire runs over 200′, see the wiring diagrams included with the transformer for different wiring options.

Line Voltage Lighting:

Line Voltage Lighting is available for posts, walkways, "brick" lights, and other landscaping applications. The most common benefit of line voltage lighting is the ability to install these lights on the same switch as other lights, thereby allowing these to be controlled from inside the house. Other applications include pool areas where 110V circuitry is available, yet an outlet may not be readily available. Power source in this environment can typically be drawn from the pump house. A drawback to 110V lighting is that it typically requires a licensed electrician to install, and many municipalities require a permit for installation.

Solar Lighting:

Solar Lighting products provide an accent to deck and/or fence installations. Technology available today has brought solar powered lighting to the deck industry in a price range that is affordable to the typical deck customer.   Solar technology currently available is accent lighting, and should be sold as such. Solar powered lighting does not provide the kind of area lighting that low voltage or line voltage lighting will provide. Power to recharge the batteries is provided by the natural sunlight. Solar lights have LED bulbs, and NiCad batteries. The batteries charge during the day, and the photo-eye activates the LED lights at dusk. Run time is based on the season, and location. Northern climates will have a run time during the summer of 8-14 or more hours, and 3-6 hours during the winter months. The amount of sunlight is a direct correlation to run time – cloudy days will effect the run time. These lights need direct sunlight to charge the battery. Mounting under trees, under eves, etc., will inhibit the ability to charge.

Within these categories, lighting products are further categorized by post size: 2″, 2 ½″, and 3″ ornamental,   3 ½″ wood post, 4″ or 5″ vinyl post, and 5 ½″ wood posts. There are conversion bases for over-sized posts such as 4 ¼″ - 4 3/8″ composite sleeve posts, etc.

Matching Caps: Matching caps are available, used on posts where lights are not installed. These are also heavy duty cast aluminum, and styled to match the post light.

SPECIFYING THE PRODUCT:

The first thing to specify on a job is the number of lights. All related specifications revolve around the number of lights. Next, determine the actual post size – specify the **actual** size, not the nominal size. This is important, as different people will refer to post sizes in different ways. Our 4x4 Decklight for wood post fits a post with an actual size of 3 ½″ x 3 ½″.

Once the number of lights and the actual size is determined, next specify the **style** and the **color**. There are 6 styles to choose from, and up to ten color options depending on the style chosen. Many of these colors match the Deckorators balusters.   Next, specify a connection method for each light. For example, the Decklight line uses a **DLE4410 pigtail** for each light. This connects the light to the **main low voltage** wire for quick and dependable installation.

Main low voltage wire: Be sure to use a minimum of 12-gauge, UV protected, exterior grade wire.   To determine the amount of wire required, measure the distance from the furthest light, in series, back to where the transformer will be mounted (interior or exterior, wherever an outlet is available). Each light is wired "daisy chain" style to the main low voltage wire, using the DLE4410 pigtail. The wire is typically sold in 100′ and 500′ coils. The wire can be run above ground, under the joist or under the handrail, through the vinyl, or under ground. It is low voltage, so it need only be buried 3″ or so underground. Wiring should not exceed 200′ runs. If 200+ feet is required, please refer to transformer instruction sheet for additional wiring options.

Transformer: Transformers are specified per the installation. Always size the transformer as close as possible to the required wattage draw, without going over. The wattage output of the transformer is important; you do not want too much or too little output on the transformer. To **determine the size of the transformer**, add up the total number of light-watts. This is the wattage of the fixture times the number of fixtures. Example: 6 each DLA6040 = 6 lights x 18 watts = 108 watts. Then select the next larger size transformer, in this example 121 watt transformer. Transformers usually have built in timers to set on/off times, as well as a manual override, or have a built in photo-eye for automatic on/off applications. With a switched exterior outlet your transformer can be controlled from indoors.

Accessories: Finally, determine the number of matching caps, and rail adaptors if mounting to a flat surface such as a handrail.

FREQUENTLY ASKED QUESTIONS-LOW VOLTAGE

1. **How many lights can I install on a transformer?** Up to 50 lights. See transformer section. For further detail, read the transformer instruction sheet included with the transformer. You may add lights to your system as long as the total watts of all the lights does not exceed the rated watts of the transformer.

2. **How do I install wire in a wood post?** Simply cut or route a channel vertically on the face of the post. Once wire is installed, cover with a batten strip or cut a filler piece to match the slot size. Additionally, the wire can run under the handrail. In this application, drill a hole from the top of the 4x4, on an angle, to meet the underside of the handrail. Run wire from post to post, under the handrail.

3. **What type of bulb is used, and where do I get replacements?** The bulb is a standard automotive brake light bulb, and can be purchased at any auto parts store.

4. **Can the light output be reduced on the low voltage light?** A 7.5 watt bulb is available to reduce the light output if desired.

5. **Can a dimmer switch be used?** Dimmer switches are not effective on low voltage lighting.

6. **Some lights appear dimmer than others, what do I do?** This is a result of wiring issues. Primarily due to longer distances from the transformer (200 or more feet). There are several different wiring schemes to address and/or correct this. Please refer to the transformer instruction manual to correct.

7. **What is the product warranty?** The Decklight product is warranted against manufacturer defect for a period of one year. Product replacement is provided at no charge during this warranty period. Product must be returned to Decklights for inspection at customer expense. Decklights does not provide for any labor costs related to product warranty.

8. **What if my product is out of warranty?** Decklights would like to insure long-term customer satisfaction. In the event that there are product related issues after the first year, Home Tops will address these on a case-by-case basis.

9. **I have low voltage landscape lighting; can I add Decklights to this?** Generally, the answer is no. It is best to start from scratch, for two reasons: First, the transformer likely has less wattage output than is necessary for the Decklights. In addition, landscape lighting usually uses 18-gauge wire, which is too light for the Decklight product. Using this will cause a drop in wattage, making the lights appear dimmer.

10. **Can I put the lights on an inside switch?** Yes. To do so, the outlet that the transformer plugs into must be wired to the desired switch. The transformer is then placed in "manual mode", operated by the light switch.

11. **Can I change the glass style in the light?** Yes, glass can be purchased separately to change between the styles. This includes new Tiffany Opalescent Glass in red, white, blue, and green.

12. **What does the statement "First fixture must be 10 feet from power pack" mean and why?** You must have at least 10 feet of cable between the first fixture and the power pack to avoid prematur4e bulb burn-out. The cable may be buried, coiling is not recommended.

13. **My lights start out bright but dim towards the end of my cable. What's wrong?**
    a. Check to make sure the end of your cable has a clean cut and none of the strands of wire are touching the other side.
    b. If you have any spliced cable off your main run, make sure this splice is soldered and you have a secure connection.
    c. Check the connection at each light. A loose or frayed wire will cause voltage drop.

14. **Is there a positive or negative in the wires or cable?** There is no polarity in the wires or cable unless you loop it to the transformer which is not necessary.

15. **What is voltage drop?** Voltage drop is caused by the electrical resistance of the cable which restricts the flow of electricity. The smaller the cable size and the more lights used, the lower the light output will be along the cable. When voltage drop occurs, you may experience insufficient light output, particularly with the lights farthest away from the transformer. Voltage drop can be minimized by switching to a lower gauge of cable.

16. **Should transformers be used to their full capacity?** Yes. As the load decreases, the output voltage of the transformer increases. Therefore, the life of low voltage lamps will be shortened unless the transformer is carrying close to its rated capacity. The rule of thumb is to use at least half the transformer's wattage rating.

17. **Can more than one run be attached to my power pack?** Yes, only tow separate runs are recommended. Both runs attach under A and B terminals and may not exceed the total power pack wattage rating.

18. **Can you mix different wattage fixtures on the same cable run and transformer (e.g. 14-watt floodlights with 18-watt entrance light fixtures)?** Yes. To mix different wattage fixtures, add up the total wattage of the lamps. As long as their total wattage does not exceed the output of the transformer, you can mix and match lights.

19. **Can power packs be installed indoors?** No. Power packs are listed as outdoor products only by Underwriter Laboratories and the Canadian Standards Association.

20. **What is the "C" terminal used for on my transformer?** The "C" terminal is for use only with the optional 3 wire photo control accessory.

21. **My transformer timer dial does not rotate. The lights come on manually just fine. What's wrong?** This is a defective power pack. Send this unit under warranty along with the proof of purchase to this address:
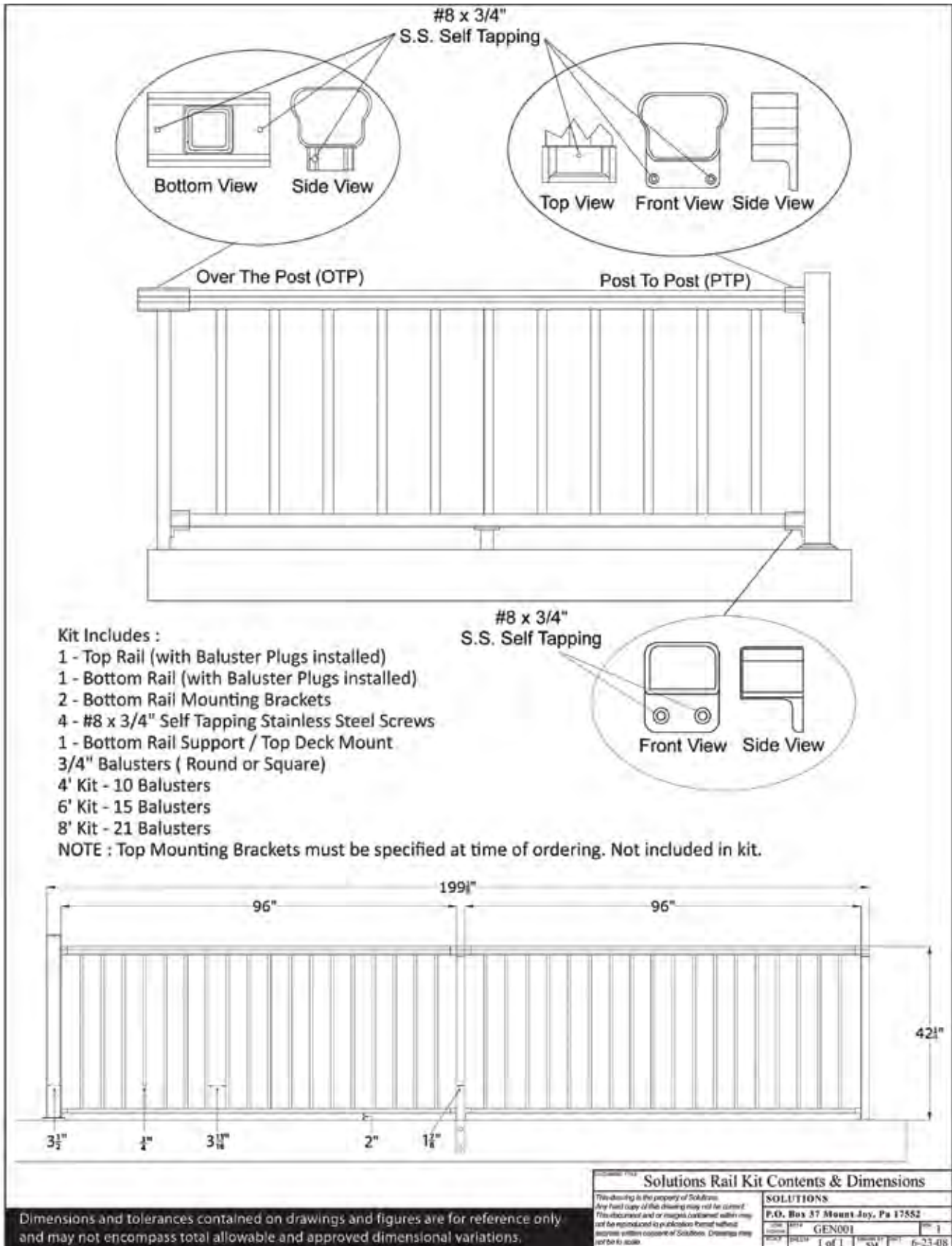
FREQUENTLY ASKED QUESTIONS-SOLAR LIGHTS

1. **What is the run time on the solar light?** The run time will vary based on the season. During the summer months, the solar light will run for up to 14 hours. During the winter months, the shorter daylight hours, as well as cloudy days, will reduce the run time to approximately 3-6 hours.

2. **How long will the Solar lights last?** The LED bulbs are designed to last a lifetime, as is the solar collector. These are of the highest quality and latest technology available today. The batteries are 9V NiCad batteries. These will last approximately 1000 cycles, or roughly three years. Batteries are warranted for one year. Replacements can be purchased locally or through Home Tops.

3. **My solar light will not light up?** The most common issue is the battery. It takes up to three weeks for a new solar unit to cycle to full capacity. Winter months will effect this cycle time as well, if installed in the middle of winter. To test a solar unit, remove the NiCad batteries, and install AA alkaline batteries. Cover the entire solar collector to test the unit. If the unit lights up, replace the NiCad batteries.

4. **Can I change the glass style in the light?** Yes, glass can be purchased separately to change between the styles. This includes new Tiffany Opalescent Glass in red, white, blue, and green.

5. **Battery Replacement.** You must NOT use regular alkaline batteries in this product. Replacement Batteries must be Rechargeable NiCD size AA, rated 600mhAh or higher. Batteries can be purchased from any reputable electronics, hardware, camera or hobby store. Use of any other battery type will void warranty and may ultimately damage the Solar Light beyond repair. To replace the batteries, follow the steps A and B below, removing and replacing the existing batteries. NOTE: Do not touch or attempt to remove the LED light source. The batteries must be fitted as indicated by the diagram at the bottom of the battery chamber.

6. **Rechargeable Batteries.** Rechargeable batteries have been supplied with this Solar Light. You must activate the batteries before the Solar Light can be used.

To do this:

   a. Remove the four screws holding the top portion of the Solar Light. Remove the plastic tab covering the battery terminals. Replace the four screws holding the top portion of the Solar Light.

   b. Test the batteries: The solar panel automatically turns the solar light off upon detecting sunlight. Cover the solar Panel with your hand. The solar LED lights should illuminate. Occasionally the batteries will drain prior to initial use. If this occurs, the solar light should be placed in direct sunlight for a period of up to two weeks before reaching full operating charge.

Solutions™ Rail Kit Contents and Dimensions

#8 x 3/4"
S.S. Self Tapping

Bottom View   Side View

Top View   Front View   Side View

Over The Post (OTP)

Post To Post (PTP)

#8 x 3/4"
S.S. Self Tapping

Front View   Side View

Kit Includes :
1 - Top Rail (with Baluster Plugs installed)
1 - Bottom Rail (with Baluster Plugs installed)
2 - Bottom Rail Mounting Brackets
4 - #8 x 3/4" Self Tapping Stainless Steel Screws
1 - Bottom Rail Support / Top Deck Mount
3/4" Balusters (Round or Square)
4' Kit - 10 Balusters
6' Kit - 15 Balusters
8' Kit - 21 Balusters
NOTE : Top Mounting Brackets must be specified at time of ordering. Not included in kit.

199⅝"
96"   96"
42¼"
3½"   ¾"   3¹³⁄₁₆"   2"   1⅞"

Dimensions and tolerances contained on drawings and figures are for reference only
and may not encompass total allowable and approved dimensional variations.

Solutions Rail Kit Contents & Dimensions
SOLUTIONS
P.O. Box 37 Mount Joy, Pa 17552
GEN001
1 of 1   SM   6-23-08

Installation Information and FAQ's ■ Solutions™

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ALUMINUM
Solutions
B A L U S T E R S

ALUMINUM *Solutions*
RAIL SYSTEMS
SOLUTIONS LIMITED WARRANTY

Solutions [The Manufacturer] warrants its aluminum rail and handrail products subject to the terms, conditions and limitations listed herein, to be free from defective workmanship and materials, and when subject to normal and proper use, its powder coat finish is further warranted against surface peeling, flaking, or blisters for a period of 15 years for both residential and commercial applications.

SOLUTIONS TERMS, CONDITIONS, AND LIMITATIONS

1. The Manufacturer's sole liability and the owner's only remedy shall be as follows:
   a. If a problem occurs, The Manufacturer, at its sole discretion, may elect either to repair or replace the defective part(s) of the railing or provide reimbursement limited to cost of materials at time of purchase. Due to normal aging and weathering of material, it may not be possible to perfectly match the colors of the old and new materials and therefore The Manufacturer is not responsible for any color differences that may occur. The Manufacturer is not responsible for discontinuance of a color.

2. The Manufacturer warrants only those products manufactured and sold under the Solutions name. This Limited Warranty extends only to the original purchaser according to terms specified herein. The Manufacturer shall not be liable for and this warranty does not apply to any terms, failure, defect or damage resulting from or connected with the following:
   a. Defects not caused by The Manufacturer (for example, but not limited to: accidents, misuse, improper applications or installations contrary to industry or Solutions standards)
   b. Product that has been painted or had its surface treated or cleaned with other than approved chemicals
      i. Refer to Solutions Care and Cleaning Guide
   c. Product subject to impact of foreign objects, tornado, hurricane, other violent storms, fire, air pollutants, normal weathering of surfaces, abnormal discoloration due to improper maintenance, or any other acts of God
   d. Improper installation of Solutions products or defects caused by their installation
   e. Solutions Limited Warranty will not be applicable for products that are covered by a specific and separate warranty or duration
   f. Products sold, shipped or installed outside of the Continental United States shall have a limited duration of this coverage to 10 years from date of purchase

3. This warranty does not include corrosion of screws and other fastening devices that may be used or required for specific application circumstances in the assembly or installation of the railing.

4. Should there be a defect in the system which limits the use of the railings The Manufacturer will not be responsible for or liable for loss of use of the railing or any consequential costs. The Manufacturer's only liability is for the repair or replacement of the defective part of the railing.

5. The Manufacturer will not be responsible for labor and material cost including removal, disposal and reinstallation of the warranted material.

6. The Manufacturer will not be required to honor this warranty
   a. If the railing has been modified, altered or changed in any manner at time of installation or thereafter that is contrary to The Manufacturer's installation instructions;
   b. The product was not installed to the most current, published standards which are available from The Manufacturer.
   c. A representative has not been given a reasonable access to the property & opportunity to investigate any claim made;
   d. If all bills for installation supplies and services have not been paid in full. Proof of purchase and payment in full must be presented to obtain warranty coverage.
   e. If the Manufacturer's Care and Cleaning Guide have not been adhered to.
   f. If the railing warranty has not been registered with The Manufacturer.

7. Any claim made under this warranty must be made within 30 days of the discovery of the problem. The claim must be made in writing to The Manufacturer or to the company responsible for the installation and must include a copy of the purchase contract.

8. To the extent allowed by the laws of each State or Province, the remedies provided under this warranty state the limits of The Manufacturer's responsibility. No representative has authority to make any representations other than those stated herein. Any and all disputes arising under the warranty whether as to interpretation, performance or otherwise, shall be subject to the exclusive jurisdiction of the courts of each State or Province.

9. This warranty is for the exclusive benefit of the original purchaser and is not assignable or transferable.

10. It is the responsibility of the Owner to maintain the railing in accordance with the current Care and Cleaning Guide on the reverse and as posted on the website at www.solutionsrail.com

11. This warranty is offered by The Manufacturer. The Manufacturer is responsible for remedy of its affected materials relating to the problem. The undersigned Installation Company is responsible for the workmanship and will facilitate any necessary and related claims and repairs.

12. Warranty registration can be accomplished electronically by visiting www.solutionsrail.com and registering within thirty (30) days of installation for eligibility of coverage under warranty terms. NOTE: PROOF OF PURCHASE IS NECESSARY TO EXERCISE CLAIMS AND REMEDIES FOR ANY OCCASION. PLEASE SAFEGUARD ACCORDINGLY. Upon receipt of all necessary information we will process and return a digital PDF copy of the warranty to the provided email address. If email is not available a hard copy will be mailed to the supplied building owner address.

13. The Installation Company guarantees that the work has been performed in accordance with the most current standards and specifications set out by The Manufacturer and is responsible for any workmanship related problems for a period of _____ years/months. The Installation Company may offer an additional written warranty stating the scope of their responsibility.

Product(s) Purchased _____   Date of Installation _____

Installation Company _____   Company Phone # _____

Company Address_____   Company Rep. Signature / Date_____

Building Owner's Name _____   Owner Phone # _____

Owner's Address _____   Owner Email _____

Dealer Where Purchased_____   Dealer Phone # _____

Dealer Address_____   Date of Purchase_____

www.solutionsrail.com

ALUMINUM
Solutions
RAIL SYSTEMS

SOLUTIONS CARE & CLEANING GUIDE FOR ALUMINUM RAILING

Cleaning Guidelines:

Proper maintenance and care of your Solutions Railing is critical to the long term appearance and protection of your investment. We recommend an occasional wash, every six (6) months, as the best way for this to be accomplished. Natural exposure to the elements, over time, will cause your railing to show signs of aging such as loss of gloss, chalking, or a slight color change. Your normal interval cleanings may minimize these natural effects of weathering by removing the dirt, grime and other build-up that is detrimental to the appearance of your Solutions Rail.

The manufacturer recommends an occasional wash of your Solutions Railing using a solution of warm water and a non-abrasive, pH neutral detergent. All surfaces should be thoroughly wetted prior to beginning the cleaning process. All surfaces should be cleaned using a soft white cloth, sponge or a soft bristle brush in conjunction with your water and detergent solution. Spot cleaning may be accomplished using Simple Green or Windex. All surfaces should then be thoroughly rinsed after the cleaning process to remove any and all residue that may be remaining. Any remaining residue may cause discoloration or surface damage when exposed to the elements. Additional care should be given if a pressure-washer is used, and in no case should you exceed 400 PSI.

NOTES:
- DO NOT use solvents, thinners or solutions containing chlorinated hydrocarbons, esters, or ketenes.
- DO NOT use abrasive cleaners
- DO NOT use steel wool, Scotch-Brite, sandpaper, or any other abrasive materials

The frequency and necessity of cleaning will depend on the environment and railing location. Due to the adverse affects to your Solutions Railing when it is not cleaned as suggested or the potential use of non-approved cleaners/detergents; we require these simple steps to maintain the manufacturer's warranty in force. These records may be requested in the unlikely event of a claim against the manufactures warranty.
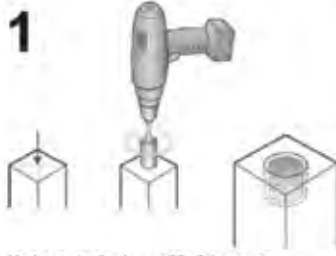
1. Clean your Solutions Railing every 6 months
2. Write down your cleaning dates and schedule
3. Clean your Solutions Railing as outlined above
4. Write down notes of your cleaning methods and chemicals used
5. Maintain a copy of your commercial invoices for cleaning
6. Maintain a copy of your purchase receipts of the cleaners used

With proper care and maintenance the appearance of your Solutions Railing will last for years. Climate conditions affect the performance and cleanliness of painted aluminum in the same way as other coated materials. Installations in coastal regions, low rainfall areas, areas with heavy industry, periodic care and cleaning will be critical to maintain the durability and finish of your Solutions Railing.

Solutions Railing has been coated with an extremely durable surface meeting the AAMA 2604 specifications. As an added measure of protection and finish life you can periodically wax your railing just as you might your car. This process will remove any oxidized paint, bringing back the original color and shine of your system.

www.solutionsrail.com

Installation Information and FAQ's ■ Solutions™

TITAN THE ART OF BUILDING

Installation Information and FAQ's ■ TITAN™

TITAN — THE ART OF BUILDING — *The most advanced wood post anchor system available...ANYWHERE!*

Wood Post Anchor Installation

TITAN Post Anchor ™ (1) ACQ (4) (8)

Tools
- Socket 9⁄₁₆" (14 mm)
- Ratchet or impact wrench
- 3 lbs. Hammer
- Hole saw 1-¼" (32 mm) dia. 4x4, 1-¾" (45 mm) dia. 6x6
- No. 3 Driver bit
- Forstner bit (Hardwood installations only)

1
No knots in the lower 8" of the post.
Do not use kiln dried wood

2
1-⅞"

3
Pre - Drill

Deck Board
Blocking (2x8)
Joists
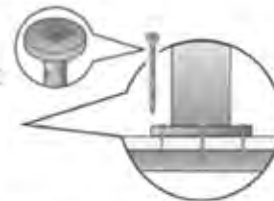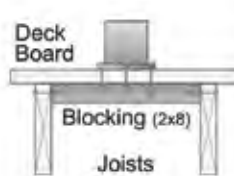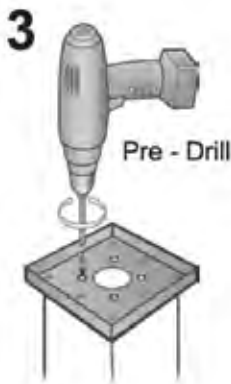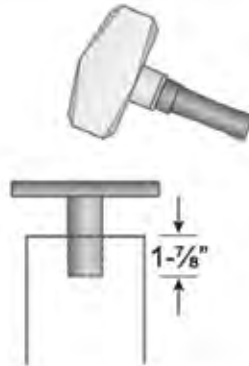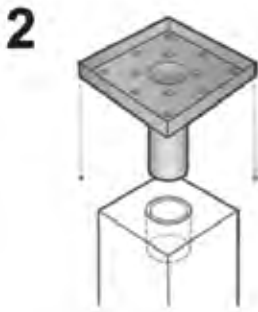
Pre - Drilling Guide

Lag screw	Softwood	Hardwood
⁵⁄₁₆"	³⁄₁₆"	⁹⁄₃₂"
³⁄₈"	¼"	¹¹⁄₃₂"

Titan Installation Video

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Solutions

Quick Quote
Fax to 800-203-4495

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800-335-5909

Solutions LEVEL Guard Rail Planning Guide

Contact:_____
Phone:_____
Company:_____

STEP 1

COLOR:

White ☐   Black ☐   Bronze ☐

Please send a sketch with dimensions

STEP 2

GUARD RAIL HEIGHT:

Residential (36") ☐   Commercial (42") ☐

STEP 3

POST TO RAIL CONFIGURATION:

POST TO POST ☐   OVER THE POST ☐

STEP 4

BALUSTER STYLE:

Round ☐   Square ☐   Glass ☐

STEP 5

MOUNTING STYLE:

Surface Mount ☐   Side/Fascia Mount ☐
                    (1 7/8" Post Only)

STEP 6

POST SIZE:

4" Sleeve Over (Post To Post) ☐   3-1/2" Post Sleeve (Post To Post) ☐   3-1/2" Flanged Post (Post To Post) ☐   1-7/8" Post Sleeve (Over The Post) ☐
Sleeves Over Nominal 4" x 4" Post

STEP 7

USE GRID ON BACK TO DRAW DECK OR PORCH AREA

Reference sketch of deck with posts and rail sections. Count all rail sections and enter quantities below.

STEP 8

LIST NUMBER OF ITEMS REQUIRED TO COMPLETE PROJECT FROM SKETCH ON BACK OF SHEET:

For rail sections shorter than standard length go to the next longer rail kit - will need to be cut down. **(Use rail sections no longer than 8' in length)** Count all posts and enter quantities below **(Note: If mixings post sizes enter quantities on two lines)**. For each rail section select top rail brackets based on Post to Rail Configuration - 1 Set of brackets for each rail section (kit) (Note: Bottom brackets are supplied in kits).

RAILING SECTIONS

4' _____   6' _____   8' _____

POSTS AND POST ACCESSORIES:

Posts _____   Post Size _____   Post Mounts _____

Posts _____   Post Size _____   Post Mounts _____

Post Trim _____   Post Caps _____

Post Trim _____   Post Caps _____

POST TO POST CONNECTOR BRACKETS:

Top Rail Bracket (2/pk) _____   Top Rail "Multi-Angle" Bracket _____

OVER THE POST CONNECTOR BRACKETS: (NOTE: 1 PAIR PER SECTION)

Top Rail End Bracket _____   Top Rail 90° Bracket _____

Top Rail Line Bracket _____   Top Rail T Bracket _____

Top Rail "Multi-Angle" Bracket _____   Bottom Rail "Multi-Angle" Bracket _____

Top Rail Brackets (PTP or OTP) Sold Separately

Top Rail Bracket (2/pk)

Top Rail "Multi-Angle" Bracket

Top Rail End Bracket

Top Rail 90° Bracket

Top Rail Line Bracket

Top Rail T Bracket

Top Rail "Multi-Angle" Line Bracket

Bottom Rail "Multi-Angle" Bracket

Installation Information and FAQ's ■ Solutions™

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Solutions

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Fax to 800-203-4495

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Solutions STAIR Guard Rail Planning Guide

Contact:_____
Phone:_____
Company:_____

STEP 1 COLOR:

White ☐   Black ☐   Bronze ☐

Please send a sketch with dimensions

STEP 2 GUARD RAIL HEIGHT:

Residential (36") ☐   Commercial (42") ☐

STEP 3 POST TO RAIL CONFIGURATION:

POST TO POST ☐   OVER THE POST ☐

STEP 4 BALUSTER STYLE:

Round ☐   Square ☐   Glass ☐

STEP 5 MOUNTING STYLE:

Surface Mount ☐   Side/Fascia Mount ☐
(1 7/8" Post Only)

STEP 6 POST SIZE:

4" Sleeve Over (Post To Post) ☐   3-1/2" Post Sleeve (Post To Post) ☐   3-1/2" Flanged Post (Post To Post) ☐   1-7/8" Post Sleeve (Over The Post) ☐
Sleeves Over Nominal 4" x 4" Post

STEP 7 USE GRID ON BACK TO DRAW DECK OR PORCH AREA

Reference sketch of deck with posts and rail sections. Count all rail sections and enter quantities below.

STEP 8 LIST NUMBER OF ITEMS REQUIRED TO COMPLETE PROJECT FROM SKETCH ON BACK OF SHEET:

For rail sections shorter than standard length go to the next longer rail kit - will need to be cut down. **(Use rail sections no longer than 8' in length)** Count all posts and enter quantities below (**Note: If mixing post sizes enter quantities on two lines**). For each rail section select top rail brackets based on Post to Rail Configuration - 1 Set of brackets for each rail section (kit) (Note: Bottom brackets are supplied in kits).

RAILING SECTIONS

4' _____   6' _____   8' _____

POSTS AND POST ACCESSORIES:

Posts _____   Post Size _____   Post Mounts _____
Posts _____   Post Size _____   Post Mounts _____
Post Trim _____   Post Caps _____
Post Trim _____   Post Caps _____

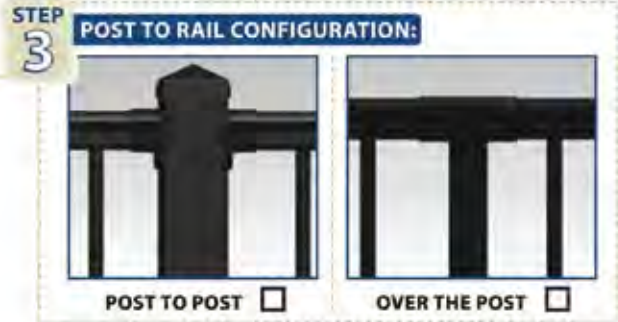**POST TO POST CONNECTOR BRACKETS:**

Top Rail "Multi-Pitch" Bracket (2/pk) _____
30° - 34° Top Rail "Fixed-Pitch" Bracket (2/pk) _____

OVER THE POST CONNECTOR BRACKETS: (NOTE: 1 PAIR PER SECTION)

Top Rail "Multi-Pitch" Line Bracket _____   Top Rail "Multi-Pitch" End Bracket _____
Top Rail "Multi-Pitch" End Cap _____   Bottom Rail "Multi-Pitch" Bracket (2/pk) _____
Bottom Rail "Fixed-Pitch" Bracket (2/pk) _____

Top Rail Brackets (PTP or OTP) Sold Separately

Top Rail "Multi-Pitch" Bracket (2/pk)   Top Rail "Fixed-Pitch" Bracket (2/pk)

Top Rail "Multi-Pitch" Line Bracket   Top Rail "Multi-Pitch" End Bracket

Top Rail "Multi-Pitch" End Cap   Bottom Rail "Multi-Pitch" End Bracket (2/pk)

30" - 34" Bottom Rail "Fixed-Pitch" Bracket (2/pk)

Please note: Quick Quote forms may be emailed or faxed upon request

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RAIL SYSTEMS
www.SolutionsRail.com

Secondary Hand Rail Planning Guide
Quick Quote
Fax to 800-203-4495

800-335-5909

Contact:_____
Phone:_____
Company:_____

HAND RAIL:

White ☐
Bronze ☐
Black ☐

A - 90° Elbow _____
B - 2-5/16" Spacer Tube _____
C - Straight Bracket Rail Connector _____
D - Universal Angle Rail Connector _____
E - End Cap _____
F - 5° Angle Rail _____
G - 32° Angle Rail _____
H - 38° Angle Rail _____

I - 90° Angle Rail _____
J - P-Loop Return Angle _____
K - 8' Straight Handrail _____
L - Quick Return Kit 1-7/8" Post _____
M - Quick Return Kit 3-1/2" Post _____
N - Quick Return Kit - Wall Mount _____
O - Mid-Rail Bracket Kit 1-7/8" Post _____
P - Mid-Rail Bracket Kit 3-1/2" Post _____
Q - Mid-Rail Bracket Kit - Wall Mount _____

NOTES:
_____
_____
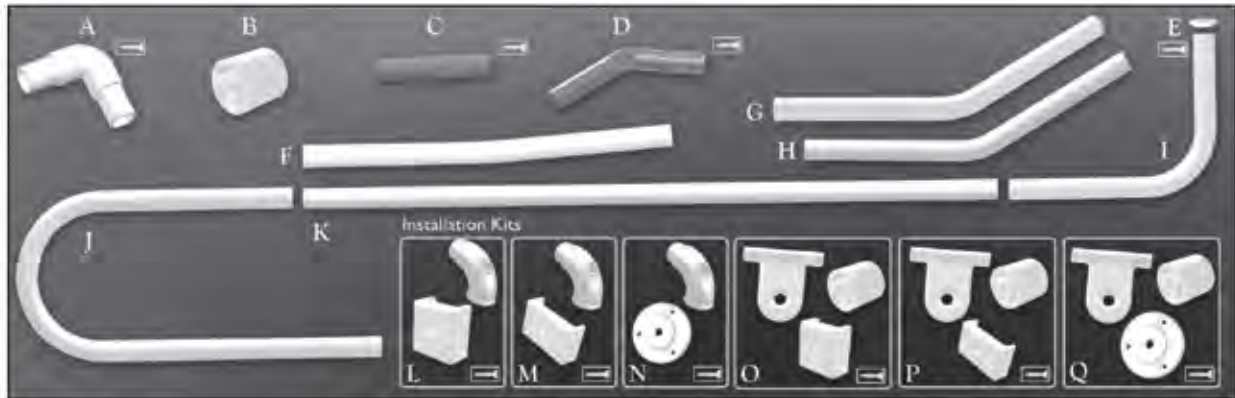
Installation Information and FAQ's ■ Solutions™

Use space above to draw deck or porch area referencing your request or send a sketch with Quick Quote Fax form.

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Please note: Quick Quote forms may be emailed or faxed upon request

INTEGRA RAIL

Quick Quote
Fax to 800-203-4495

ADI Absolute Distribution Inc.
800-335-5909

Integra Gaurd Rail Planning Guide

STEP 1 **COLOR:**

White ☐   Black ☐   Walnut ☐

Cedar ☐   Clay ☐   Mahogany ☐

Contact: _____
Dealer: _____
Phone: _____
Email: _____

STEP 2 **GUARD RAIL HEIGHT:**

Residential (36") ☐   Commercial (42") ☐

STEP 3 **BALUSTER STYLE:**

Alluminum ☐   Composite ☐   Glass ☐

STOCKED COLORS

White   Black   Walnut

STEP 4 **POST SLEEVES NEEDED:**

Yes ☐   No ☐

NON-STOCKED COLORS
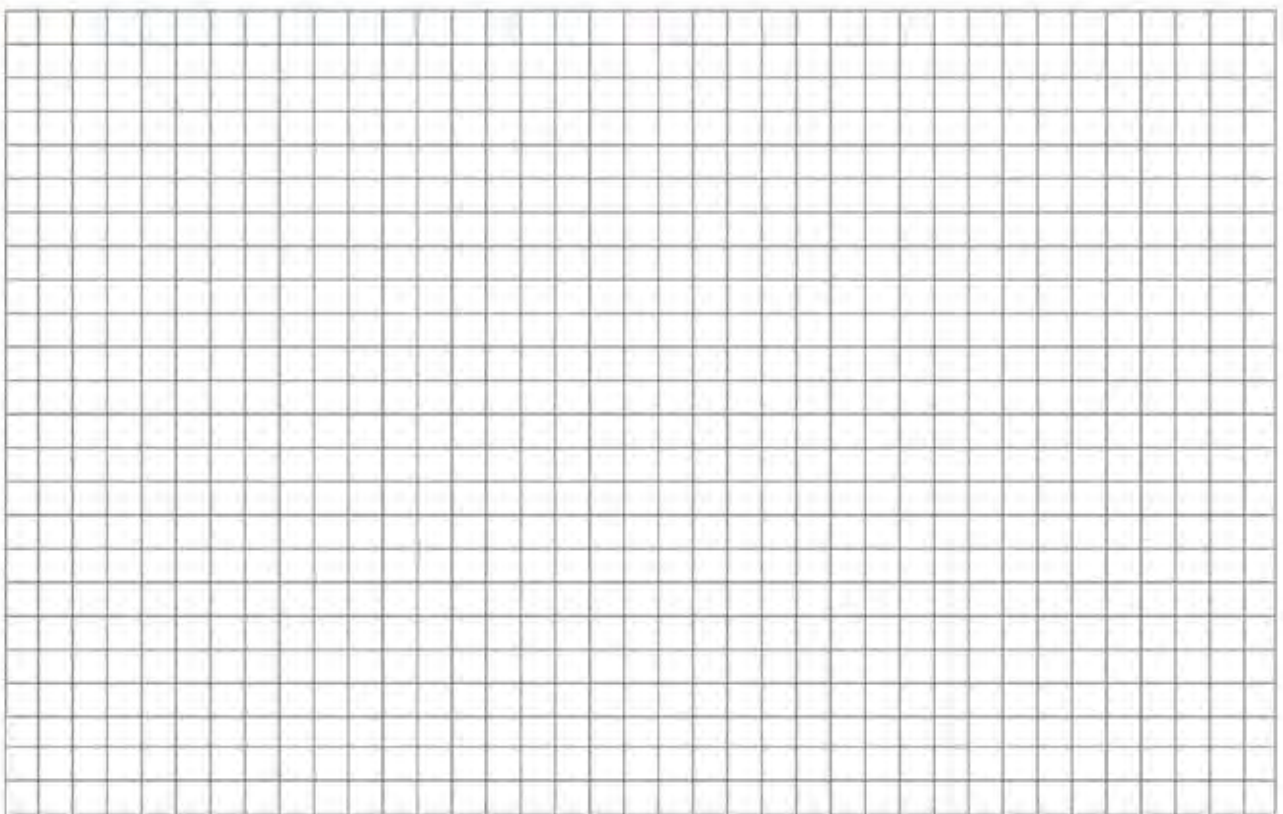
Cedar   Clay   Mahogany

STEP 5 **SUPPORT POST NEEDED:**

Yes ☐   No ☐

STEP 6 **USE GRID BELOW TO DRAW DECK OR PORCH AREA:**

Reference sketch of deck with posts and rail sections.

***Asterisk denotes NON STOCK special order. Please contact ADI customer service.**

Installation Information and FAQ's ■ Integra™

ADI Cable Railing in Ultra-tec

Quick Quote
Fax to 800-203-4495

ADI
Absolute Distribution Inc.
800-335-5909
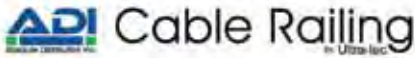
Cable Railing Deck Planning Guide

Contact: _____
Dealer: _____
Phone: _____
Email: _____

STEP 1
POST MATERIAL TYPE :

Wood ☐   Composite ☐

Post Size _____   Sleeve Size _____

STEP 2
RAIL HEIGHT :

Height of Rail _____

STEP 3
POST CONFIGURATIONS :

Limtied Access or Obstructed Post   Corner Posts

Under 3" ☐   Over 3" ☐   Single Post ☐   Double Post ☐

STEP 4
STAIRS :

Yes ☐   No ☐   Angle - _____   (or)   Length - _____

STEP 5
LINEALS :

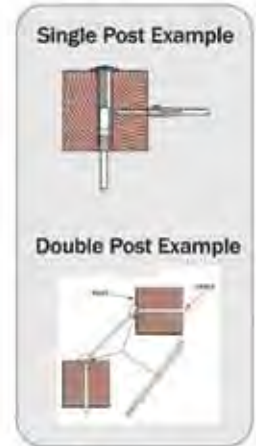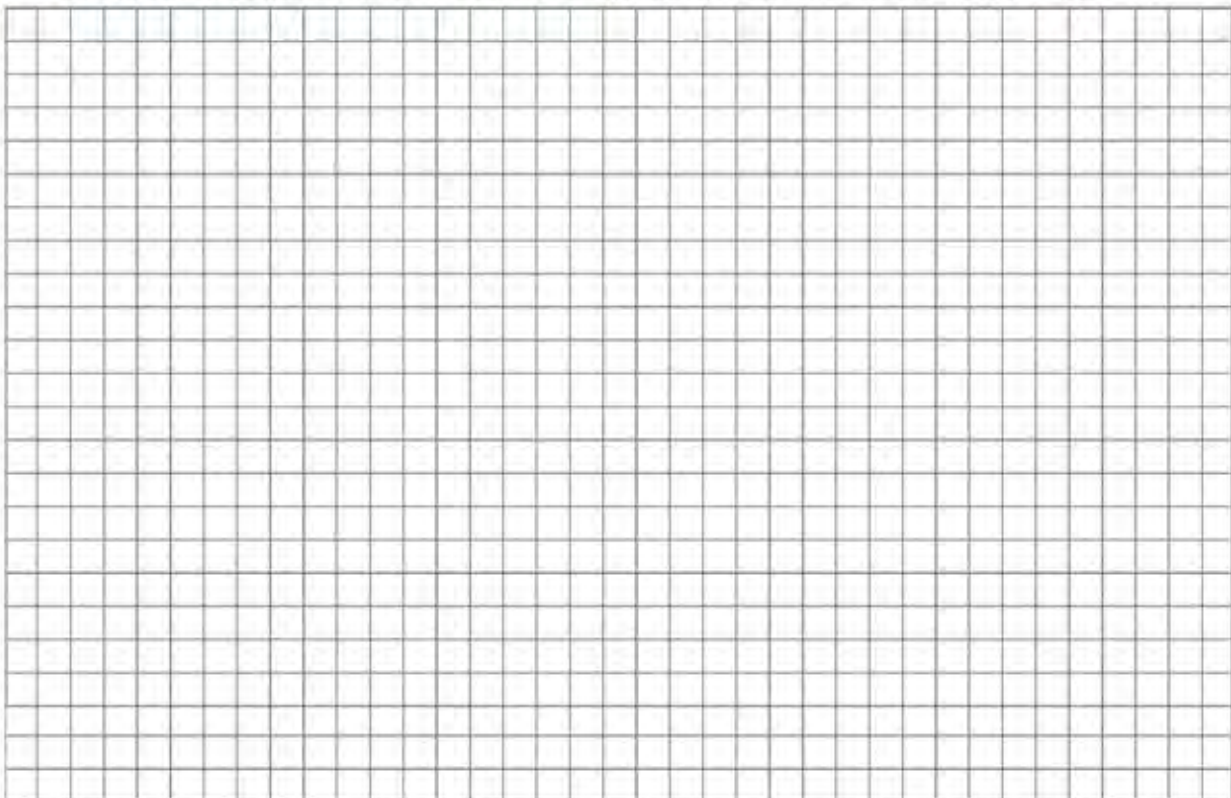Top Lineal   Bottom Lineal   Size of Lineal

Yes ☐   No ☐   Yes ☐   No ☐   _____

STEP 6
USE GRID BELOW TO DRAW DECK OR PORCH AREA:

Reference sketch of deck with posts and rail sections.
Note: Cable will be spaced with 3" centers. Cables must be supported at 42" or less to avoid deflection (supports not provided).

Single Post Example

Double Post Example

Installation Information and FAQ's ■ADI

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Installation Information and FAQ's ■

Name _____Company _____

Email _____Telephone _____

NOTES:

_____

_____

_____

_____

*Asterisk denotes NON STOCK special order. Please contact ADI customer service.

Marketer & Distributor of
Decking Related Specialty Products.

ADI™

Absolute Distribution Inc.

Absolute Distribution, Inc.
2125 Broadway Street NE
Minneapolis, MN 55413