



# DekPro™ EFFEX

Post Cap and Lighting Guide

[www.DekProMfg.com](http://www.DekProMfg.com)



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### Available Finely Textured Finishes:

Matches DekPro™ Prestige Aluminum Railings



Absolute Black

Cocoa Bronze

Dream White

Maple Cream

### Additional Color Options



Gloss Black

Textured Brown

Hammered Bronze

Gloss White

*Colors shown are an approximate representation. Please see actual product sample when selecting color.*

### DekPro™ EFFEX Warranty

**Powder Coat Finish**

10 Year Warranty against cracking or peeling.

**LED's and Lights**

10 Year Warranty when installed with DekPro Manufacturing brand EFFEX transformers.

**Transformers**

No warranty when used with any other power source.  
3 Year Warranty when used exclusively for DekPro EFFEX lighted products. 1 Year Warranty when used with non-DekPro EFFEX lighted products.

**Controllers**

1 Year Warranty when used exclusively with DekPro EFFEX transformers. No warranty when used with any other brand of transformer.

**Solar**

1 Year Warranty.

For Full Warranty Details Visit: [www.DekProMfg.com](http://www.DekProMfg.com)

### EFFEX Post Cap Adaptor

Converts 4" cap to 3-5/8" and 6" cap to 5-5/8"

4" Cap



3-5/8" Adaptor



Assembled Post Cap

# Post Caps for Wood & Sleeved Posts

## DekPro™ EFFEX Post Caps for Wood & Sleeved Posts



Available Colors:



### Summit - Pyramid Post Cap

Sold in any quantity.

Featuring a stylish modified pyramid design, the Summit post cap is made with premium aluminum components and finished with a durable powder coating. Fasten cap to post using color matched stainless steel screws (included).

#### 3-5/8" Cap (Actual Opening 3-5/8")

- Item # DPPC358PABT - Absolute Black
- Item # DPPC358PGBLK - Gloss Black
- Item # DPPC358PCBT - Cocoa Bronze
- Item # DPPC358PBRNT - Textured Brown
- Item # DPPC358PHBRZ - Hamm Bronze
- Item # DPPC358PDWT - Dream White
- Item # DPPC358PMCT - Maple Cream

#### 4" Cap (Actual Opening 4-1/16")

- Item # DPPC4PABT - Absolute Black
- Item # DPPC4PGBLK - Gloss Black
- Item # DPPC4PCBT - Cocoa Bronze
- Item # DPPC4PBRNT - Textured Brown
- Item # DPPC4PHBRZ - Hamm Bronze
- Item # DPPC4PDWT - Dream White
- Item # DPPC4PMCT - Maple Cream
- Item # DPPC4PGWHT - Gloss White

#### 5-5/8" Cap (Actual Opening 5-3/4")

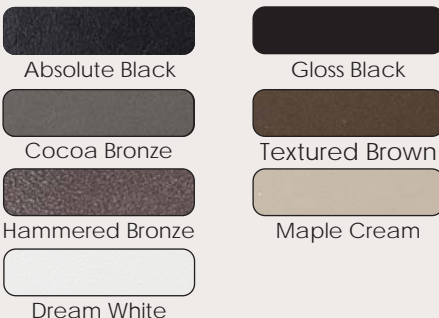
- Item # DPPC558PABT - Absolute Black
- Item # DPPC558PGBLK - Gloss Black
- Item # DPPC558PCBT - Cocoa Bronze
- Item # DPPC558PBRNT - Textured Brown
- Item # DPPC558PHBRZ - Hamm Bronze
- Item # DPPC558PDWT - Dream White

#### 6" Cap (Actual Opening 6-1/8")

- Item # DPPC6PABT - Absolute Black
- Item # DPPC6PGBLK - Gloss Black
- Item # DPPC6PCBT - Cocoa Bronze
- Item # DPPC6PBRNT - Textured Brown
- Item # DPPC6PHBRZ - Hamm Bronze
- Item # DPPC6PDWT - Dream White



Available Colors:



### Plateau - Flat Top Post Cap

Sold in any quantity.

The flat top design of the Plateau post cap features a classic style that fits most design schemes. Made with premium aluminum components and finished with a durable powder coating. Fasten cap to post using color matched stainless steel screws (included).

#### 3-5/8" Cap (Actual Opening 3-5/8")

- Item # DPPC358FABT - Absolute Black
- Item # DPPC358FGBLK - Gloss Black
- Item # DPPC358FCBT - Cocoa Bronze
- Item # DPPC358FBRNT - Textured Brown
- Item # DPPC358FHBRZ - Hamm Bronze (shown)
- Item # DPPC358FDWT - Dream White
- Item # DPPC358FMCT - Maple Cream

#### 4" Cap (Actual Opening 4-1/16")

- Item # DPPC4FABT - Absolute Black
- Item # DPPC4FGBLK - Gloss Black
- Item # DPPC4FCBT - Cocoa Bronze
- Item # DPPC4FBRNT - Textured Brown
- Item # DPPC4FHBRZ - Hamm Bronze
- Item # DPPC4FDWT - Dream White
- Item # DPPC4FMCT - Maple Cream

# Post Caps

## DekPro™ EFFEX Post Caps for Prestige Railing



Available Textured Colors:



Absolute Black



Cocoa Bronze



Dream White



Maple Cream

### Summit - Pyramid Post Cap

Sold in any quantity.

Featuring a stylish modified pyramid design, the Summit post cap is made with premium aluminum components and finished with a durable powder coating. Fasten cap to post using color matched stainless steel screws (included).

#### 3" Cap (Actual Opening 3-1/16")

Item # DPPC3PABT - Absolute Black (shown)

Item # DPPC3PCBT - Cocoa Bronze

Item # DPPC3PDWT - Dream White

Item # DPPC3PMCT - Maple Cream

#### 4" Cap (Actual Opening 4-1/16")

Item # DPPC4PABT - Absolute Black

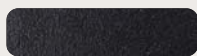
Item # DPPC4PCBT - Cocoa Bronze

Item # DPPC4PDWT - Dream White

Item # DPPC4PMCT - Maple Cream



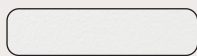
Available Textured Colors:



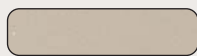
Absolute Black



Cocoa Bronze



Dream White



Maple Cream

### Plateau - Flat Top Post Cap

Sold in any quantity.

The flat top design of the Plateau post cap features a classic style that fits most design schemes. Made with premium aluminum components and finished with a durable powder coating. Fasten cap to post using color matched stainless steel screws (included).

#### 3" Cap (Actual Opening 3-1/16")

Item # DPPC3FABT - Absolute Black

Item # DPPC3FCBT - Cocoa Bronze

Item # DPPC3FDWT - Dream White

Item # DPPC3FMCT - Maple Cream (shown)

#### 4" Cap (Actual Opening 4-1/16")

Item # DPPC4FABT - Absolute Black

Item # DPPC4FCBT - Cocoa Bronze

Item # DPPC4FDWT - Dream White

Item # DPPC4FMCT - Maple Cream

# Post Cap Lights

## DekPro™ EFFEX Down Light Post Caps



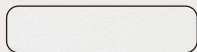
Available Textured Colors:



Absolute Black



Cocoa Bronze



Dream White



Maple Cream



Gloss White (4" Only)

### Avalanche - Down Light Pyramid Post Cap

Sold in any quantity.

Aluminum pyramid post cap features long life LED down lights on all 4 sides to illuminate the area around the post. Features 2 quick connect leads for easy wiring. Fasten cap to post using color matched stainless steel screws (included). Draws **3.5 watts**. Light color - 3000 - 3500K.

#### 3" Cap (Actual Opening 3-1/16")

- Item # DPPC3PDLABT - Absolute Black (shown)
- Item # DPPC3PDLCBT - Cocoa Bronze
- Item # DPPC3PDLDWT - Dream White
- Item # DPPC3PDLMCT - Maple Cream

#### 4" Cap (Actual Opening 4-1/16")

- Item # DPPC4PDLABT - Absolute Black
- Item # DPPC4PDLCBT - Cocoa Bronze
- Item # DPPC4PDLDWT - Dream White
- Item # DPPC4PDLMCT - Maple Cream
- Item # DPPC4PDLGWH - Gloss White

#### 3-5/8" Cap (Actual Opening 3-5/8")

- Item # DPPC358PDLABT - Absolute Black
- Item # DPPC358PDLCBT - Cocoa Bronze
- Item # DPPC358PDLDWT - Dream White
- Item # DPPC358PDLMCT - Maple Cream (shown)



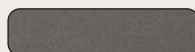
DekPro Quick Connect System



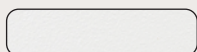
Available Textured Colors:



Absolute Black



Cocoa Bronze



Dream White



Maple Cream

### Cascade - Down Light Flat Top Post Cap

Sold in any quantity.

Aluminum flat top post cap features long life LED down lights on all 4 sides to cast light in all directions around the post. Features 2 quick connect leads for easy wiring. Fasten cap to post using color matched stainless steel screws (included). Draws **3.5 watts**. Light color - 3000 - 3500K.

#### 3" Cap (Actual Opening 3-1/16")

- Item # DPPC3FDLABT - Absolute Black
- Item # DPPC3FDLCBT - Cocoa Bronze (shown)
- Item # DPPC3FDLDWT - Dream White
- Item # DPPC3FDLMCT - Maple Cream

#### 4" Cap (Actual Opening 4-1/16")

- Item # DPPC4FDLABT - Absolute Black
- Item # DPPC4FDLCBT - Cocoa Bronze
- Item # DPPC4FDLDWT - Dream White
- Item # DPPC4FDLMCT - Maple Cream

#### 3-5/8" Cap (Actual Opening 3-5/8")

- Item # DPPC358FDLABT - Absolute Black (shown)
- Item # DPPC358FDLCBT - Cocoa Bronze
- Item # DPPC358FDLDWT - Dream White
- Item # DPPC358FDLMCT - Maple Cream



DekPro Quick Connect System



# Post Cap Lights

## DekPro™ EFFEX Glow Ring Post Caps



Available Textured Colors:



Absolute Black



Cocoa Bronze



Dream White



Maple Cream

### Halo - Glow Ring Pyramid Post Cap Light

Sold in any quantity.

Aluminum pyramid post cap featuring a long life LED glow ring light that provides soft accent lighting to enrich the outdoor living experience. Fasten cap to post using color matched screws (included). Draws 2.2 watts. Light color - 3000 - 3500K.

#### 3" Cap (Actual Opening 3-1/16")

- Item # DPPC3PBLABT - Absolute Black (shown)
- Item # DPPC3PBLCBT - Cocoa Bronze
- Item # DPPC3PBLDWT - Dream White
- Item # DPPC3PBLMCT - Maple Cream

#### 4" Cap (Actual Opening 4-1/16")

- Item # DPPC4PBLABT - Absolute Black
- Item # DPPC4PBLCBT - Cocoa Bronze
- Item # DPPC4PBLDWT - Dream White
- Item # DPPC4PBLMCT - Maple Cream

#### 3-5/8" Cap (Actual Opening 3-5/8")

- Item # DPPC358PBLABT - Absolute Black
- Item # DPPC358PBLCBT - Cocoa Bronze
- Item # DPPC358PBLDWT - Dream White (shown)
- Item # DPPC358PBLMCT - Maple Cream



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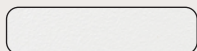
Available Textured Colors:



Absolute Black



Cocoa Bronze



Dream White



Maple Cream

### Glow - Glow Ring Flat Top Post Cap Light

Sold in any quantity.

Aluminum flat top post cap featuring a long life LED glow ring light that creates the perfect touch of ambient lighting during the evening hours. Fasten cap to post using color matched screws (included). Draws 2.2 watts. Light color - 3000 - 3500K.

#### 3" Cap (Actual Opening 3-1/16")

- Item # DPPC3FBLABT - Absolute Black
- Item # DPPC3FBLCBT - Cocoa Bronze
- Item # DPPC3FBLDWT - Dream White (shown)
- Item # DPPC3FBLMCT - Maple Cream

#### 4" Cap (Actual Opening 4-1/16")

- Item # DPPC4FBLABT - Absolute Black
- Item # DPPC4FBLCBT - Cocoa Bronze
- Item # DPPC4FBLDWT - Dream White
- Item # DPPC4FBLMCT - Maple Cream

#### 3-5/8" Cap (Actual Opening 3-5/8")

- Item # DPPC358FBLABT - Absolute Black
- Item # DPPC358FBLCBT - Cocoa Bronze (shown)
- Item # DPPC358FBLDWT - Dream White
- Item # DPPC358FBLMCT - Maple Cream



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# Solar Post Cap Lights

## DekPro™ EFFEX Wireless Solar Post Caps



### 2" Wireless Post Cap Light

Sold in any quantity.

Solar aluminum flat top post cap features warm white LED down lights on all 4 sides to cast light in all directions around the post. Features state of the art solar collector and long lasting lithium ion rechargeable battery pack. Fasten cap to post using color matched screws (included). Light color - 3000 - 3500K.

2" Cap (Actual Opening 2-1/8")

Item # DPPCS2FABT - Absolute Black (shown)



### 3" Wireless Post Cap Light

Sold in any quantity.

Solar aluminum flat top post cap features warm white LED down lights on all 4 sides to cast light in all directions around the post. Features state of the art solar collector and long lasting lithium ion rechargeable battery pack. Fasten cap to post using color matched screws (included). Light color - 3000 - 3500K.

3" Cap (Actual Opening 3-1/8")

Item # DPPCS3FABT - Absolute Black (shown)  
Item # DPPCS3FCBT - Cocoa Bronze  
Item # DPPCS3FDWT - Dream White



### 4" Wireless Post Cap Light

Sold in any quantity.

Solar aluminum flat top post cap features warm white LED down lights on all 4 sides to cast light in all directions around the post. Features state of the art solar collector and long lasting lithium ion rechargeable battery pack. Fasten cap to post using color matched screws (included). Light color - 3000 - 3500K.

4" Cap (Actual Opening 4-1/8")

Item # DPPCS4FABT - Absolute Black (shown)  
Item # DPPCS4FCBT - Cocoa Bronze  
Item # DPPCS4FDWT - Dream White



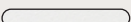


# Stair Lighting

## DekPro™ EFFEX Recessed Stair and Post Lights



Available in:

-  Absolute Black
-  Cocoa Bronze
-  Dream White

### DekPro™ EFFEX Recessed Stair Light

Sold in Kits or Individually.

Recessed stair light kits include 10 recessed lights, 36 watt transformer, dimmer w/ remote, photo eye timer, 9' Quick Connect lead wire, Y-Splitter and 1" forstner drill bit. Designed to be mounted into the riser of a stairway to illuminate the treads. The LEDs are set at a 35 degree angle to cast light directionally onto the steps. Features 2 - 3' Quick Connect leads for easy wiring. Fast installation - lights friction fit into 1" diameter opening. Draws **1 watt** per fixture. Light color 3000 - 3500K.

#### Light Kits:

- Item # DPRLABTKIT10 - Absolute Black
- Item # DPRLCBTKIT10 - Cocoa Bronze
- Item # DPRLDWTKIT10 - Dream White

#### Individual Lights:

- Item # DPRLABT - Absolute Black
- Item # DPRLCBT - Cocoa Bronze
- Item # DPRLDWT - Dream White



#### NEW - Hooded Recessed Riser Lights (Individual Only):

- Item # DPRLHOODABT - Absolute Black (shown)
- Item # DPRLHOODCBT - Cocoa Bronze
- Item # DPRLHOODDWT - Dream White


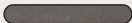
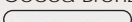


Item # 1" Forstner Bit - 52501040



DekPro Quick Connect System



Available in:

-  Absolute Black
-  Cocoa Bronze
-  Dream White
-  Maple Cream
-  Silver

### DekPro™ EFFEX Vertical Post Light

Sold in any quantity.

LED Vertical Post Light fits posts 2" or wider and is great for illuminating decks or walkways. Features 2 - 3' Quick Connect leads for easy wiring. Draws **1 watt** per fixture. Measures 3-1/2"H x 1-3/4"W x 7/8"T. Casts light approx. 3-6 feet. Light color - 3000 - 3500K.

- Item # DPPLABT - Absolute Black (shown)
- Item # DPPLCBT - Cocoa Bronze
- Item # DPPLDWT - Dream White
- Item # DPPLMCT - Maple Cream
- Item # DPPLSIL - Smooth Silver



DekPro Quick Connect System





# Stair Lighting

## DekPro™ EFFEX Louvered and Strip Lights

NEW



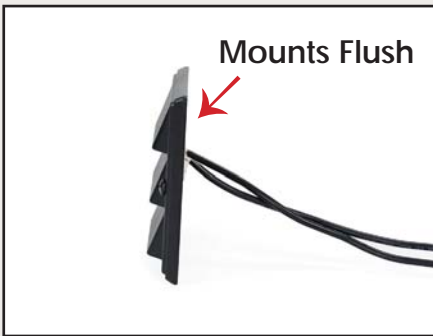
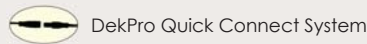
- Available in:
- Absolute Black
  - Cocoa Bronze
  - Dream White

### DekPro™ EFFEX Louvered Step Light

Sold in any quantity.

Step Light **mounts flush** to surface and requires **no cut out for a back box**. Used to illuminate steps or walkways. Features 2 ea. - 3' Quick Connect leads for easy wiring. High quality LED Lights. Draws **1.5 watts** per fixture. Measures 4-1/4"W x 3-1/2"H. Light color - 3000 - 3500K.

- Item # DPRISERLABT - Absolute Black (shown)
- Item # DPRISERLCBT - Cocoa Bronze
- Item # DPRISERLDWT - Dream White



NEW

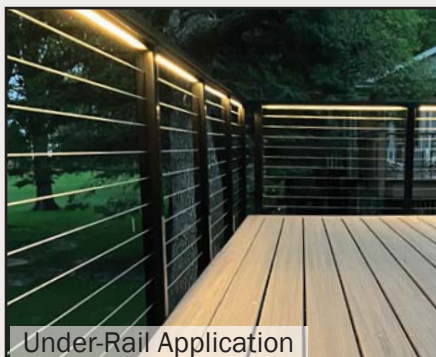
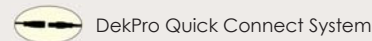


### DekPro™ EFFEX Strip Light

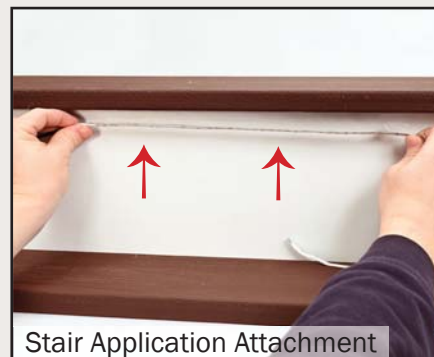
Sold in any quantity.

Light strip commonly used for stair lighting and/or under rail lighting. Uses 3M adhesive backing to attach to any clean flat surface. High quality LED Lights. Measures 5/16" wide and available in 2 lengths. Trimmable to length in 2" increments. Features 2 quick connect leads for easy wiring.

- Item #: DPSL30 - 30" Strip Light (2.5 Watts)
- Item #: DPSL55 - 55" Strip Light (4.5 Watts)



Under-Rail Application



Stair Application Attachment



Stair Application

# Power Supplies & Wiring

## DekPro™ EFFEX Power Supplies



### DekPro™ EFFEX Transformer Kit

Sold in any quantity.

Kit includes 1 Outdoor DC output transformer w/ Quick Connect lead, 1 timer / photo cell, 1 dimmer with remote control, 1 - Y-splitter and 1 - 9' Quick Connect wire. Dimmer draws **2.5 watts**. Determine correct transformer size by adding up wattage of all fixtures. Total wattage should not exceed 80% of the capacity of the transformer. (100 watt transformer has two outputs).

- Item # DP36WTRANSKIT - 36 watt transformer kit
- Item # DP60WTRANSKIT - 60 watt transformer kit
- Item # DP100WTRANSKIT - 100 watt transformer kit



DekPro Quick Connect System



### DekPro™ EFFEX Transformer

Sold in any quantity.

Outdoor DC output transformer provides power to LED lights. Comes with a Quick Connect output wire. Determine correct transformer size by adding up wattage of all fixtures. Total wattage should not exceed 80% of the capacity of the transformer. Measures 6-1/2"L x 2"W x 1-1/2"H.

- Item # DP36WTRANS - 36 watt
- Item # DP60WTRANS - 60 watt
- Item # DP100WTRANS - 100 watt (2 outputs)



DekPro Quick Connect System



### DekPro™ EFFEX Dimmer

Sold in any quantity.

12 volt waterproof remote dimmer, controls on/off and dimming functions for EFFEX series lights and transformers. Requires separate transformer. Works with most DC transformers up to 100 watts. Draws **2.5 watts**. Remote range - Approx: 70 ft.

Item #: DPDIMMERWP



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### DekPro™ EFFEX Timer with Photo Eye

Sold in any quantity.

110 volt photoelectric timer with built in photo eye. Set to on/off at dusk and dawn automatically or on at dusk with 2 - 10 hour run times. Designed for use with any transformer and has two outputs. Plug into outlet and plug transformer into this unit.

Item #: DPTIMER

# Power Supplies & Wiring

## DekPro™ EFFEX Wiring



### DekPro™ EFFEX 9' Quick Connect Cable

Sold in any quantity.

9' Cables come with water tight Quick Connect fittings on each end. Cables connect into DekPro™ EFFEX lighting components. Used when running wiring through top rail of aluminum railing system (i.e. DekPro™ Prestige)

Item # DP9CABLEMF



DekPro Quick Connect System



### DekPro™ EFFEX In-Line Connector Cable

Sold in any quantity.

Used optionally, this 6' cable enables post caps to be wired by tapping into 12 Gauge EFFEX perimeter wire below the deck and transferring the power up the post and to the lighting fixture. Provides a watertight connection.

Item # DPPIGTAIL72 (Must use with EFFEX 12-2 wire)

Item #: LVW122100 - 100' - 12 gauge outdoor rated wire

Item #: LVW122250 - 250' - 12 gauge outdoor rated wire



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### DekPro™ EFFEX Y-Splitter

Sold in any quantity.

Y-splitter allows for branching off of circuit where needed and looping wires back into the transformer for larger projects.

Item # DPYSPLITTER



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### DekPro™ EFFEX Transformer Lead - Replacement

Sold in any quantity.

This replacement lead connects to the transformer or dimmer to begin wiring for the DekPro™ EFFEX system.

Item # DPTRANSLEAD



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# Gallery

## Post Cap Lights



Glow Post Cap with Post Light



Avalanche - Down Light Post Cap



Halo - Glow Ring Post Cap



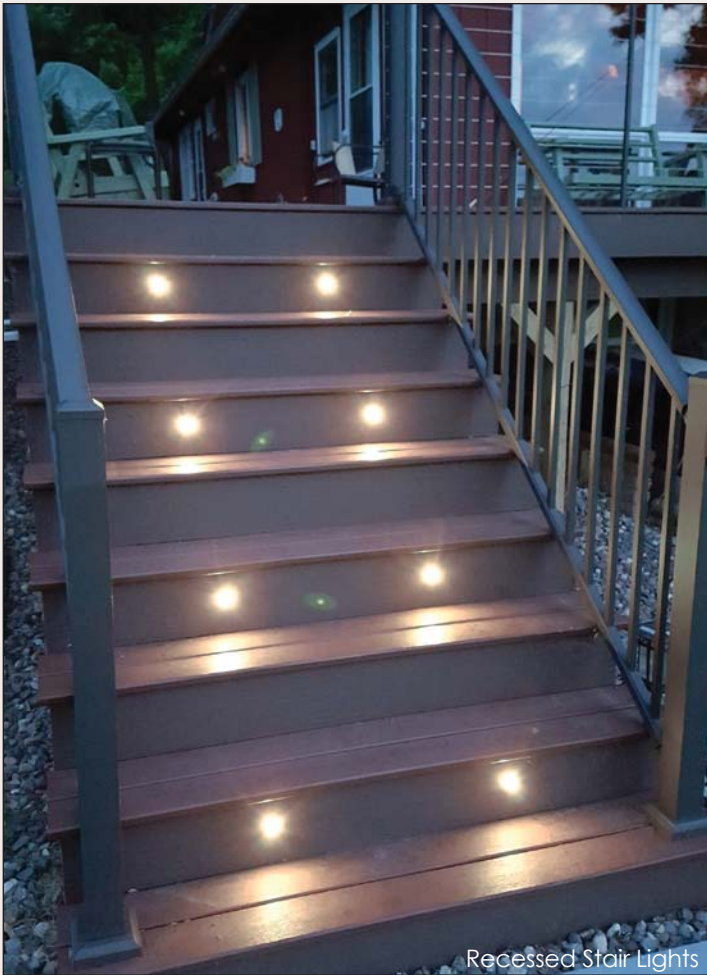
Cascade Down Light



Glow - Glow Ring Post Cap

# Gallery

## Stair Lighting



Recessed Stair Lights



Louvered Riser Light



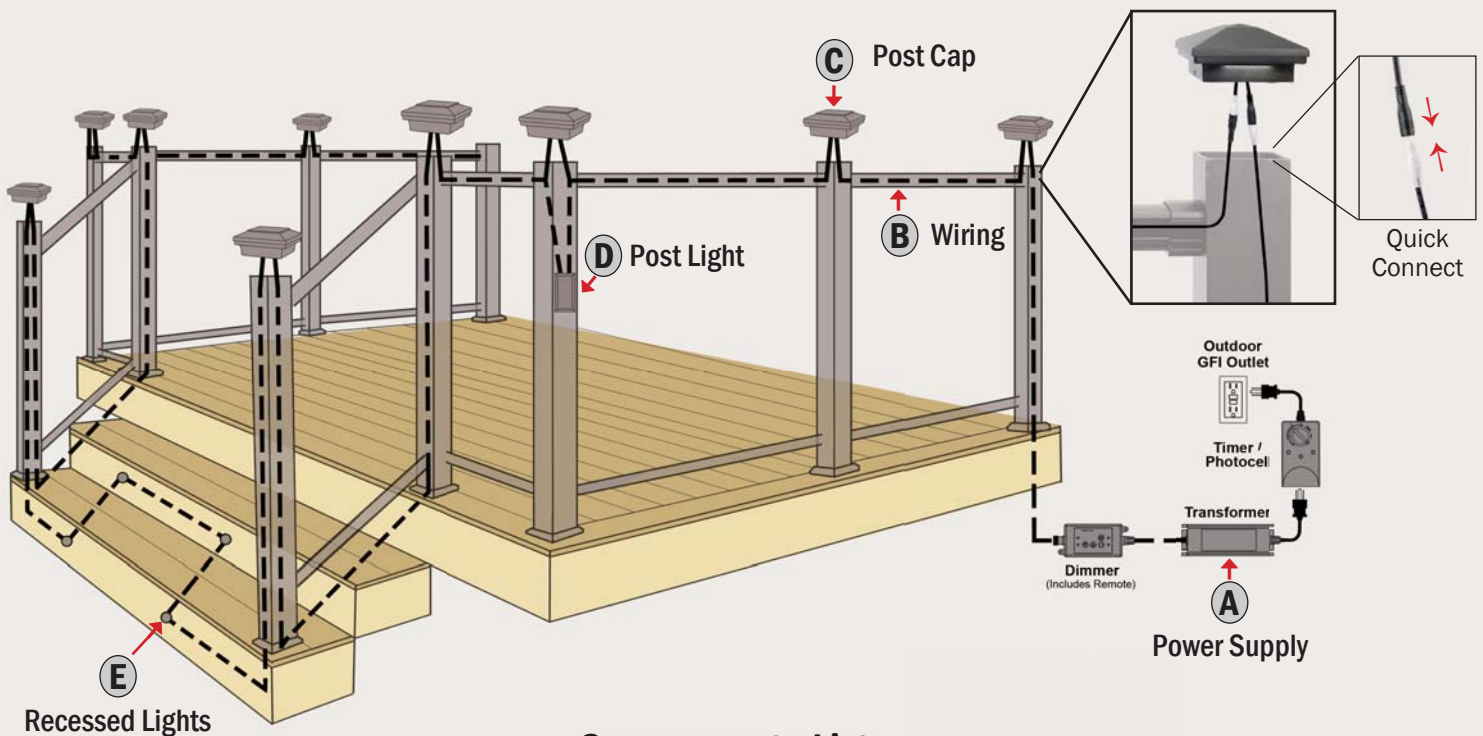
EFFEX Strip Light



Recessed Stair Lights

# Wiring Overview

## Deck Wiring Overview



### Components List:



A. Power Supply



B. Wiring



C. Post Cap  
2.2w Band / 3.5w Down



D. Post Light  
1 Watt



E. Louvered Light  
1.5 Watts



E. Stair Light  
1 Watt

## Lighting Overview - Featuring DekPro™ Prestige Aluminum Railing

\*\*See illustration above as reference. Dashed lines are a representation of approximate wire locations, each installation will vary.\*\*

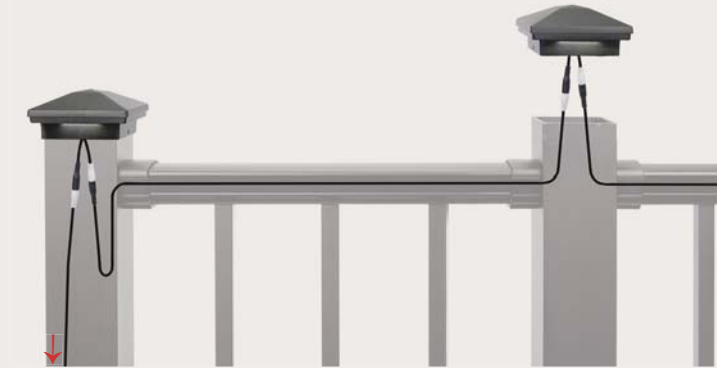
- Run wire from your transformer to the location of your first post.  
**Note:** Do not plug in transformer until all wires are run.
- Run wire up inside the post to your first lighting fixture. Drill a minimum 1/2" hole through the deck board to allow passage of the wiring through the board and into the post.  
*Tip:* Laying post on its side prior to attaching to deck will allow for easier installation of wire. Use a fish tape or equivalent to pull wire to the top of the post. Tape wire to the top of post.
- Once wire is installed into first post, stand the post upright and secure into place. (Plumb as necessary)
- From the first lighting fixture, run a 9' Quick Connect Cable into the post and through the top rail to the next light. Continue this method until all lights are connected. (Brackets and posts need to be drilled using a 3/8" drill bit to run wire)  
*Note:* Wiring cannot be run through the top rail of stairs when using DekPro Prestige Railing. For stairs, wiring should be run up & down inside the posts.
- Once lights are all connected, plug transformer into GFI protected 115V outlet and check to ensure all lights are illuminated, if any lights have not illuminated unplug transformer and check connections. Once all lights are working properly securely attach caps to the post.

\*\*All DekPro™ EFFEX Lighting Products are Non-Polarity Sensitive\*\*

# Wiring Overview

## Rail Wiring Overview

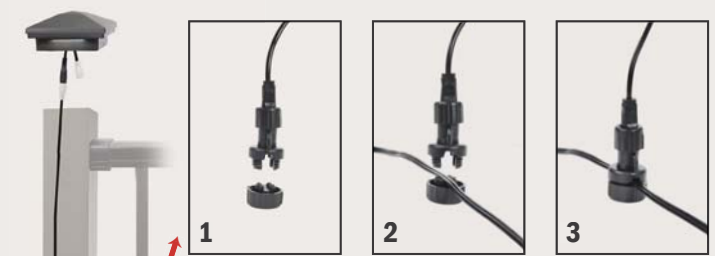
### Quick Connect Wiring



**Transformer**

Run cable from the transformer up inside the first post to the post light (left) and connect via Quick Connect connections. From there, use a 9' Quick Connect cable to run through the top rail to the next post. Continue this process until all post caps are connected. (Brackets and posts will need to be drilled using a 3/8" drill bit to accommodate cable)

### In-Line Connector (Optional)



**Step 1**

Unscrew In-line Connector Module.

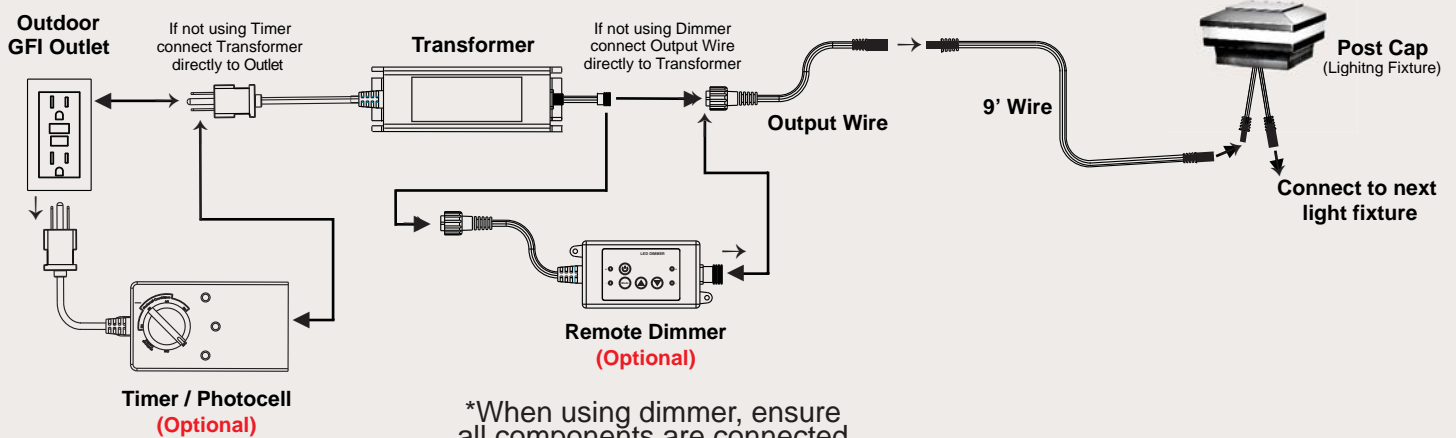
**Step 2**

Align In-line Connector with EFFEX 12-2 gauge perimeter wire.

**Step 3**

Screw In-line Connector together until wire is fully pierced and cap fully seated.

## Power Supply Diagram





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