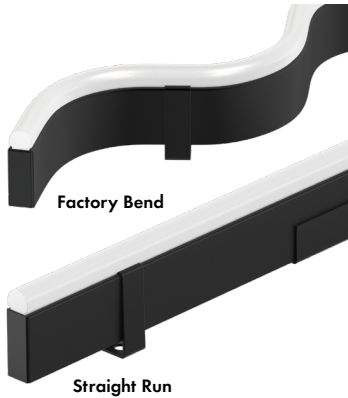


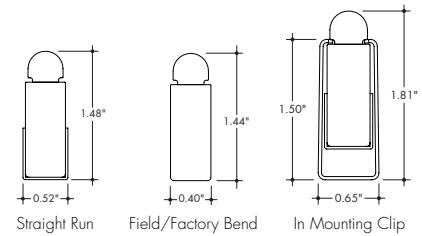
# Plexineon Surface Mount

Static White and Monochrome Colors

ilight  
by luminii



- Easy to install, for interior and exterior accent lighting
- Neon look providing a crisp, clear line of light visible for miles
- Creative freedom to make stunning designs, rigid construction maintains factory formed shape
- Mounting clips are included in the appropriate quantities
- Operating temperature: -40° F to 140° F ( -40° C to 60° C)
- 24VDC Class 2
- IK10 and 3G rated
- IP67 rated
- 5 year warranty indoor, 3 year warranty outdoor



## Technical Information

| MODEL                                        | Plexineon Static White (30K) | Plexineon Monochrome Colors |          |           |          |           |           |
|----------------------------------------------|------------------------------|-----------------------------|----------|-----------|----------|-----------|-----------|
|                                              |                              | Red                         | Blue     | Green     | Magenta  | Teal      | Yellow    |
| OUTPUT OPTIONS                               |                              | SO                          |          |           |          |           |           |
| Lumens Output (3000K)                        | 123 lm/ft                    | 14 lm/ft                    | 11 lm/ft | 50 lm/ft  | 24 lm/ft | 60 lm/ft  | 62 lm/ft  |
| Average Power Consumption (for a 4" section) | 3.2 W/ft                     | 1.2 W/ft                    | 1.4 W/ft | 1.5 W/ft  | 2.6 W/ft | 2.9 W/ft  | 2.7 W/ft  |
| Wavelength                                   | N/A                          | 622 nm                      | 468 nm   | 525 nm    | 567 nm   | 486 nm    | 563 nm    |
| Efficacy                                     | 39 lm/W                      | 12.1 lm/W                   | 8.1 lm/W | 33.8 lm/W | 9.2 lm/W | 20.9 lm/W | 23.2 lm/W |
| Order Increment                              |                              | 1.97"                       |          |           |          |           |           |
| Max Run Length (in series)                   | 30 ft                        | 32ft                        | 32ft     | 32ft      | 32ft     | 32ft      | 32ft      |

| CCT   | Multiplier (reference - 3000K) | TM-30 |                |                |
|-------|--------------------------------|-------|----------------|----------------|
|       |                                | CRI   | R <sub>f</sub> | R <sub>g</sub> |
| 2700K | 0.94                           | 90    | 88             | 97             |
| 3000k | 1.00                           | 90    | 87             | 97             |
| 3500k | 1.02                           | 90    | 87             | 97             |
| 4000k | 1.02                           | 90    | 84             | 92             |

## Ordering Code

| MODEL          | RUN LENGTH <sup>1</sup>                         | BEND                                                                                                                                                     | CCT                                                                                                                                   | OUTPUT        | LENS        | MOUNTING <sup>4</sup>                                                                                                                                                                                               | FINISH                                                                     | POWERFEED POSITION/TYPE                                              |
|----------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------|
| PX - Plexineon | Run length in inches, 3" min, no max run length | SR - Straight Run<br>FB - Field Bendable <sup>2</sup><br>EB - Factory Bend, Side/Easy Bend <sup>3</sup><br>HB - Factory Bend, Top/Hard Bend <sup>3</sup> | 27K - 2700K<br>30K - 3000K<br>35K - 3500K<br>40K - 4000K<br>B - Blue<br>G - Green<br>T - Teal<br>Y - Yellow<br>R - Red<br>M - Magenta | SO - Standard | F - Frosted | SM - Surface Mount, Standard Clips<br>SML - Surface Mount, L-Tab Clips<br>SMS - Surface Mount, S-Tab Clips<br>SMV - Surface Mount, Vertical Clips <sup>5</sup><br>SMD - Surface Mount Decorative Clips <sup>6</sup> | GG - Gloss Grey<br>BK - Matte Black<br>GY - Matte Grey<br>WH - Matte White | B-4 - Plug Quick Connect one end, Receptacle Quick Connect other end |

1. Static White and Monochrome colors are available in 3"(1.97") increments, +/- 1/2" tolerance. Run Lengths over 96" (8ft) will be made of equal sections no longer than 96".  
2. Field Bendable ships as straight sections which can be bent down to 72" radius min. Field Bendable sections do not include rigid c-channel and may not maintain straightness without appropriately placed mounting clips.  
3. Factory Bends require an Image or Drawing input at time of Quote to calculate total linear/arc length. Factory Bends require a Custom Drawing submittal at time of Order. Allow 2 weeks (typical) for Custom Drawing generation/confirmation process.

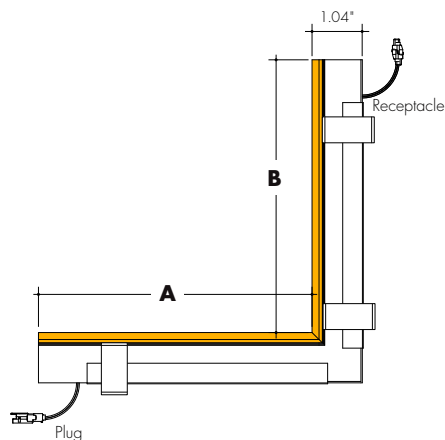
4. Standard mounting clip included approximately every 30" of linear/arc length.  
5. Two Vertical Clips for vertical support. Standard mounting clip included approximately every 30" of linear/arc length.  
6. All mounting clips come with stainless steel finish, except Decorative Clips. Decorative Clips match the fixture finish, and are included approximately every 18" of linear/arc length.  
7. Quote Number correlates the Quote to the Custom Drawing. If a single Quote includes different designs having the same length, add -1, -2, -3, etc. to the end of the Quote Number for each unique configuration.

# Plexineon Surface Mount

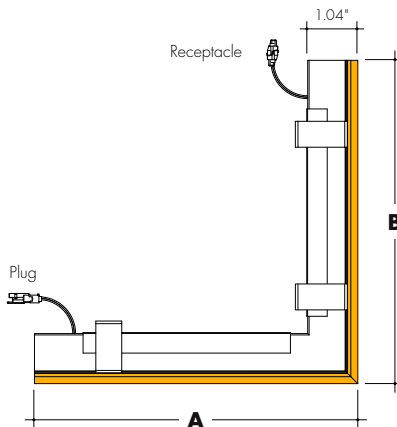
Static White and Monochrome Colors

## Corner Dimensions

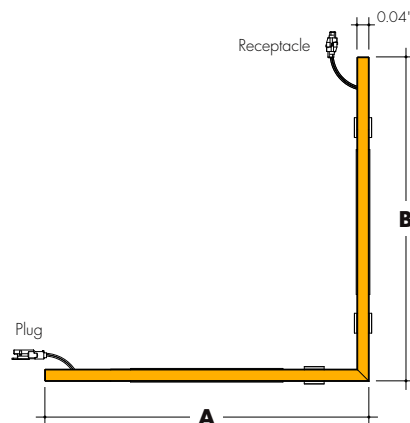
**IC-SR**  
Inside Corner



**OC-SR**  
Outside Corner



**HC-SR**  
Horizontal Corner



Note: Horizontal Corner legs are asymmetric, receptacle connector is on the longer end, plug connector is on the shorter end.

| High Color Quality | Actual Length |         | Total Wattage |     |        |            |      |      |         |
|--------------------|---------------|---------|---------------|-----|--------|------------|------|------|---------|
|                    | A             | B       | Static White  | Red | Yellow | Monochrome |      |      |         |
| Corner Type        |               |         |               |     |        | Green      | Teal | Blue | Magenta |
| Inner (IC-SR)      | 13 5/16       | 13 5/16 | 6.5           | 2.1 | 5.5    | 3.1        | 6.3  | 2.9  | 5.3     |
| Outer (OC-SR)      | 12 2/16       | 12 2/16 | 6.5           | 2.1 | 5.5    | 3.1        | 6.3  | 2.9  | 5.3     |
| Horizontal (HC-SR) | 12 4/16       | 12 5/16 | 6.5           | 2.1 | 5.5    | 3.1        | 6.3  | 2.9  | 5.3     |

## Ordering Code

| MODEL          | CORNER <sup>1</sup>                                                          | CCT                                                                                                                                   | OUTPUT        | LENS        | MOUNTING <sup>1</sup>                                                                                                                                                                                  | FINISH                                                                     | POWERFEED POSITION/TYPE                                              |
|----------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------|
| PX - Plexineon | IC-SR - Inside Corner<br>OC-SR - Outside Corner<br>HC-SR - Horizontal Corner | 27K - 2700K<br>30K - 3000K<br>35K - 3500K<br>40K - 4000K<br>B - Blue<br>G - Green<br>T - Teal<br>Y - Yellow<br>R - Red<br>M - Magenta | SO - Standard | F - Frosted | SM - Surface Mount, Standard Clips<br>SML - Surface Mount, L-Tab Clips<br>SMS - Surface Mount, S-Tab Clips<br>SMV - Surface Mount, Vertical Clips<br>SMD - Surface Mount Decorative Clips <sup>2</sup> | GG - Gloss Grey<br>BK - Matte Black<br>GY - Matte Grey<br>WH - Matte White | B-4 - Plug Quick Connect one end, Receptacle Quick Connect other end |

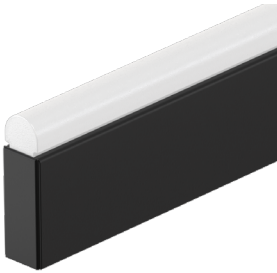
1. Corners include 3 mounting clips.  
2. All mounting clips come with stainless steel finish, except Decorative Clips. Decorative Clips match the fixture finish.

# Plexineon Surface Mount

Static White and Monochrome Colors

## Finish Options

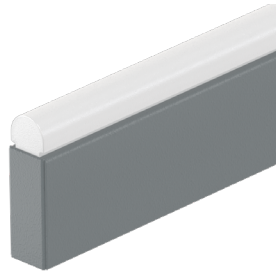
**BK**  
Matte Black Finish



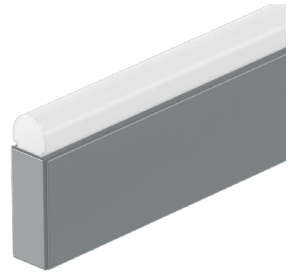
**WH**  
Matte White Finish



**GY**  
Matte Grey Finish



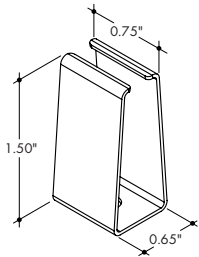
**GG**  
Gloss Grey Finish



## Mounting Clips

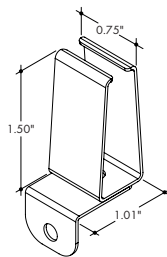
- Mounting Clips are included with Plexineon runs in the appropriate quantity, every 30" of linear/arc length for Standard Clips and every 18" of linear/arc length for Decorative Clips.
- Standard Clips have a stainless steel finish, Decorative Clip finishes match the fixture finishes.
- Standard Clip mounting hole is Ø 0.2", Decorative Clip mounting hole is Ø 0.16".

**SM**  
**75-CLP16-001-00**  
Surface Mount, Standard Clip



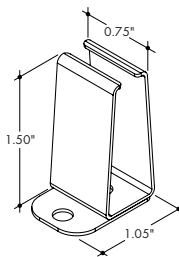
Used for mounting direct to surface. Stainless Steel Finish

**SML**  
**75-CLP15-001-00**  
Surface Mount, L-Tab Clip



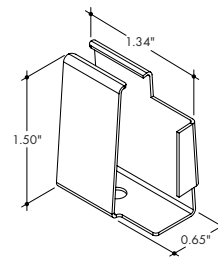
Used for mounting to adjacent surfaces. Stainless Steel Finish

**SMS**  
**75-CLP17-001-00**  
Surface Mount, S-Tab Clip



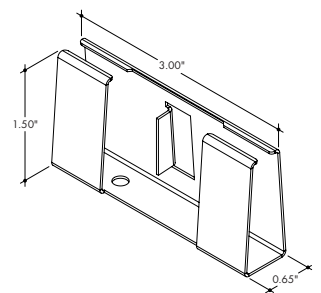
Used for to reduce install time and mounting direct to surfaces with fixture pre-assembled to clips. Stainless Steel Finish

**SMV**  
**75-CLP20-001-00**  
Surface Mount, Vertical Clip



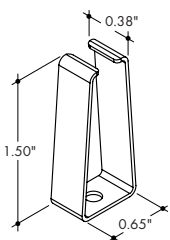
Used to hold fixtures in a vertical orientation. Stainless Steel Finish

**75-CLP19-001-00**  
Surface Mount, Standard Joiner Clip



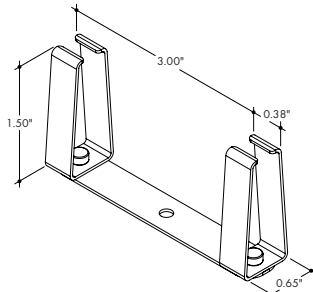
Used to join two fixtures together. Stainless Steel Finish

**SMD**  
**75-CLP36-001-0X**  
Surface Mount, Decorative Clip



Thinner clip with finish options to match fixtures

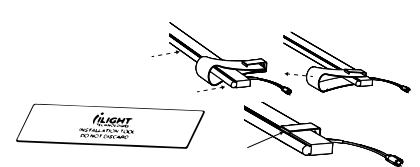
**75-CLP37-001-0X**  
Surface Mount, Decorative Joiner Clip



Thinner clip used to join two fixtures together. Finish matches fixture finish

| 0X | Clip Finish     |
|----|-----------------|
| 00 | Stainless Steel |
| 01 | Matte Black     |
| 02 | Matte Grey      |
| 03 | Matte White     |

**70-TOL02-001-01**  
Mounting Clip Installation Tool



Use for installation of Plexineon into Mounting Clips

# Plexineon Surface Mount

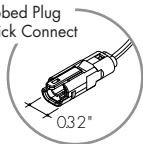
Static White and Monochrome Colors



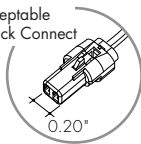
## Powerfeed and Connectors

- Quick Connectors with 6" flying leads are included in the Plexineon runs per CCT option selected. Order extras as desired.

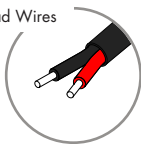
Tabbed Plug  
Quick Connect



Receptacle  
Quick Connect

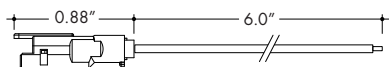


Lead Wires



### 60-SJ-0001-08

iLight TABBED PLUG Quick Connect with 6" flying leads, 2-conductor

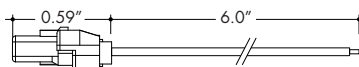


Also available with longer Flying Leads

**60-SJ-C2-0001-01** 120" flying leads

### 60-SJ-0002-08

iLight RECEPTACLE Quick Connect with 6" flying leads, 2-conductor

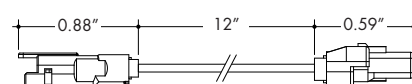


Also available with longer Flying Leads

**60-SJ-C2-0002-01** 120" flying leads

### 60-SJ-C2-JMP-12-01

iLight Plug-Receptacle Quick Connect 12" Jumper, 2-conductor, Black silicone jacket



Also available with longer wires

**60-SJ-C2-JMP-48-01** 48" jumper

**60-SJ-C2-JMP-120-01** 120" jumper

## Additional Material

### 60-12-22AWGSBWN

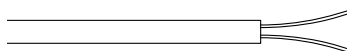
Weatherproof Wire Nut Silicone Filled



Order 2 per Power Supply.

### 55-STW02-050-00

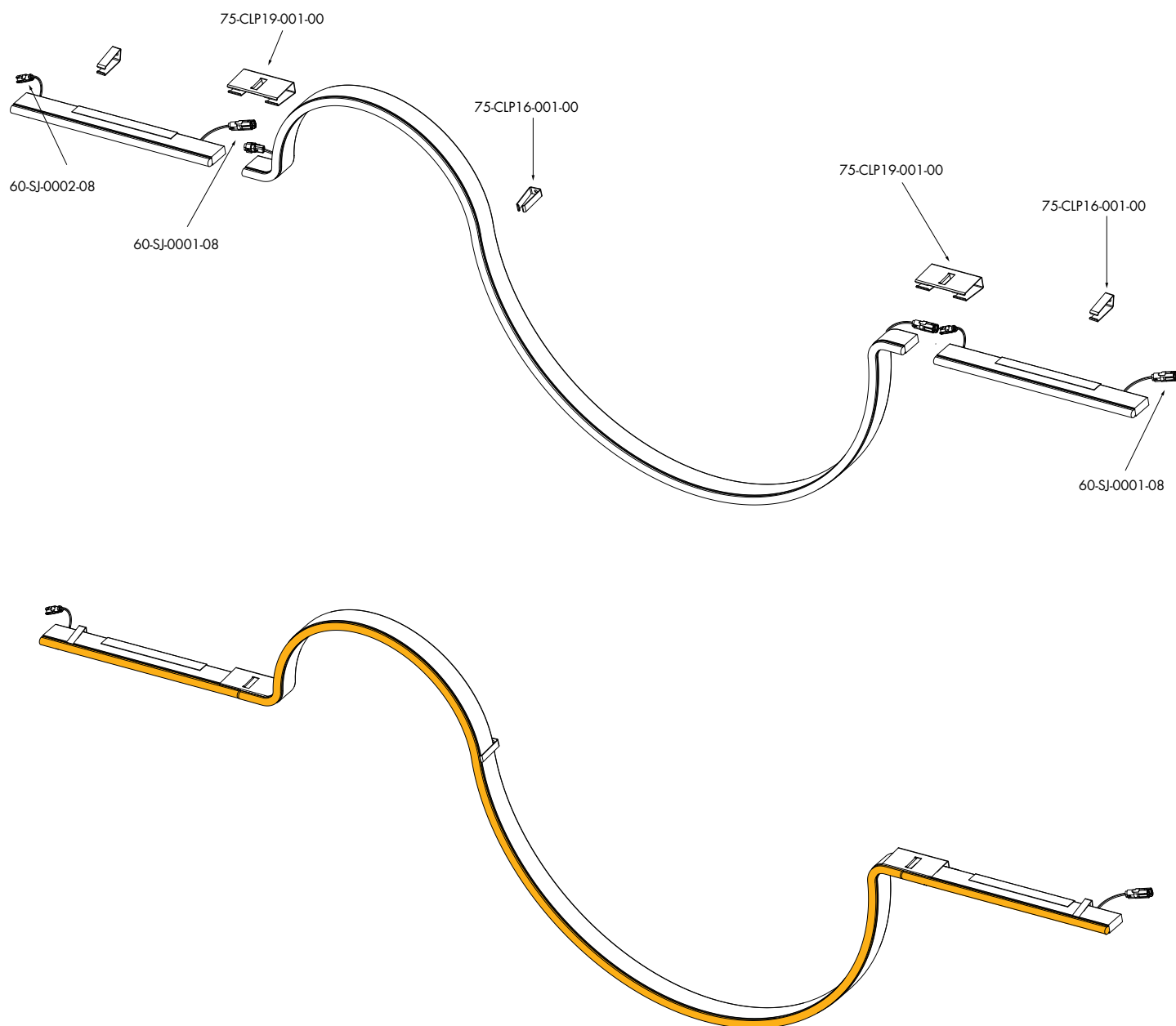
50 ft of 14 gauge wire Black jacket, 2 conductors



Sunlight, moisture resistant, and flame retardant PVC jacket per UL 1277

### Sample Layout

**PX-120-EB-30K-SO-F-SM-GG-B-4-QXXXXX**  
Plexineon Factory Bend, Standard Mounting Clips

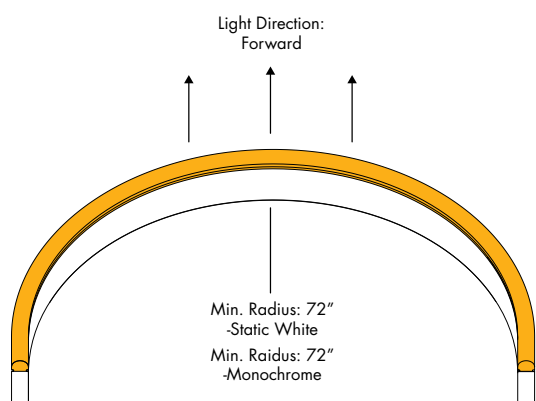


### Field Bends

- Field Bends available with Surface Mount installations only.
- Field Bends can be made only in a direction perpendicular to the light output, Horizontal/Easy Bend.
- Field Bendable ship as straight sections which can be bent down to 72" radius min.
- Field Bendable sections do not include rigid c-channel and may not maintain straightness without appropriately placed mounting clips.

#### FB

Field Bend, Side/Easy Bend

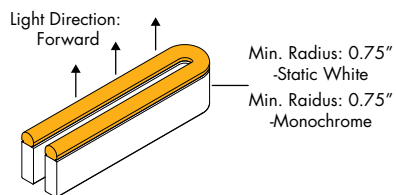


### Factory Bends

- Require Custom Drawing submittal and approval.

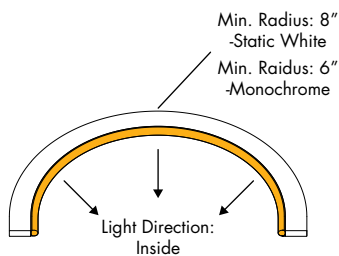
#### EB

Factory Bend, Side/Easy Bend



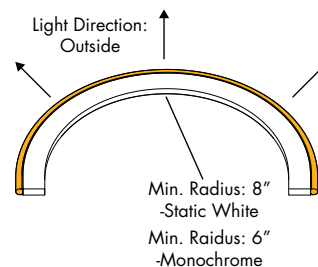
#### HB

Factory Bend, Top/Hard Bend



#### HB

Factory Bend, Top/Hard Bend



### Power Consumption

Tested at Full Power with PS-UNI Series power supplies.

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

#### Static White

| Nominal Length (in) | Actual Length | Watts | Nominal Length (in) | Actual Length | Watts |
|---------------------|---------------|-------|---------------------|---------------|-------|
| <b>3</b>            | 2 8/16        | 2.5   | <b>54</b>           | 53 11/16      | 14.5  |
| <b>5</b>            | 4 8/16        | 4.5   | <b>56</b>           | 55 11/16      | 15.2  |
| <b>7</b>            | 6 7/16        | 1.5   | <b>58</b>           | 57 10/16      | 15.7  |
| <b>9</b>            | 8 7/16        | 2.1   | <b>60</b>           | 59 10/16      | 16.2  |
| <b>11</b>           | 10 6/16       | 2.6   | <b>62</b>           | 61 9/16       | 16.6  |
| <b>13</b>           | 12 6/16       | 3.1   | <b>64</b>           | 63 9/16       | 17.4  |
| <b>15</b>           | 14 5/16       | 3.6   | <b>66</b>           | 65 8/16       | 17.6  |
| <b>17</b>           | 16 5/16       | 4.1   | <b>68</b>           | 67 8/16       | 18.1  |
| <b>19</b>           | 18 4/16       | 4.8   | <b>70</b>           | 69 7/16       | 18.5  |
| <b>21</b>           | 20 4/16       | 5.3   | <b>72</b>           | 71 7/16       | 19.3  |
| <b>23</b>           | 22 3/16       | 5.8   | <b>74</b>           | 73 6/16       | 19    |
| <b>25</b>           | 24 3/16       | 6.5   | <b>76</b>           | 75 6/16       | 19.5  |
| <b>27</b>           | 26 2/16       | 7     | <b>78</b>           | 77 5/16       | 20    |
| <b>29</b>           | 28 2/16       | 7.5   | <b>80</b>           | 79 5/16       | 20.7  |
| <b>31</b>           | 30 1/16       | 8.2   | <b>82</b>           | 81 4/16       | 21.2  |
| <b>33</b>           | 32 1/16       | 8.7   | <b>84</b>           | 83 4/16       | 21.7  |
| <b>35</b>           | 34            | 9.2   | <b>86</b>           | 85 3/16       | 22.4  |
| <b>36</b>           | 36            | 9.9   | <b>88</b>           | 87 3/16       | 22.9  |
| <b>38</b>           | 37 15/16      | 10.4  | <b>90</b>           | 89 2/16       | 23.4  |
| <b>40</b>           | 39 15/16      | 10.8  | <b>92</b>           | 91 2/16       | 23.9  |
| <b>42</b>           | 41 14/16      | 11.6  | <b>94</b>           | 93 1/16       | 24.3  |
| <b>44</b>           | 43 14/16      | 11.9  | <b>96</b>           | 95 1/16       | 24.8  |
| <b>46</b>           | 45 13/16      | 12.5  |                     |               |       |
| <b>48</b>           | 47 13/16      | 12.8  |                     |               |       |
| <b>50</b>           | 49 12/16      | 13.5  |                     |               |       |
| <b>52</b>           | 51 12/16      | 14    |                     |               |       |

# Plexineon Surface Mount

Static White and Monochrome Colors



## Power Consumption

Tested at Full Power with PS-UNI Series power supplies.

Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

### Monochrome

| Nominal Length (in) | Actual Length | Watts |        |       |      |      |         | Nominal Length (in) | Actual Length | Watts |        |       |      |      |         |
|---------------------|---------------|-------|--------|-------|------|------|---------|---------------------|---------------|-------|--------|-------|------|------|---------|
|                     |               | Red   | Yellow | Green | Teal | Blue | Magenta |                     |               | Red   | Yellow | Green | Teal | Blue | Magenta |
| <b>3</b>            | 2 8/16        | 0.2   | 0.4    | 0.3   | 0.5  | 0.2  | 0.4     | <b>54</b>           | 53 11/16      | 5.3   | 12.5   | 7.0   | 13.7 | 6.5  | 12.1    |
| <b>5</b>            | 4 8/16        | 0.4   | 0.9    | 0.5   | 1.0  | 0.5  | 0.8     | <b>56</b>           | 55 11/16      | 5.5   | 12.8   | 7.2   | 14.2 | 6.8  | 12.5    |
| <b>7</b>            | 6 7/16        | 0.6   | 1.4    | 0.8   | 1.4  | 0.7  | 1.4     | <b>58</b>           | 57 10/16      | 5.8   | 13.5   | 7.5   | 14.7 | 7.0  | 23.8    |
| <b>9</b>            | 8 7/16        | 0.8   | 1.6    | 1.0   | 1.9  | 1.0  | 1.6     | <b>60</b>           | 59 10/16      | 5.8   | 14.0   | 7.7   | 15.2 | 7.2  | 12.8    |
| <b>11</b>           | 10 6/16       | 1.0   | 2.1    | 1.2   | 2.6  | 1.2  | 2.1     | <b>62</b>           | 61 9/16       | 6.3   | 14.2   | 8.2   | 15.7 | 7.5  | 13.7    |
| <b>13</b>           | 12 6/16       | 1.2   | 2.9    | 1.4   | 3.1  | 1.4  | 2.6     | <b>64</b>           | 63 9/16       | 6.5   | 14.7   | 8.4   | 16.2 | 7.7  | 14.2    |
| <b>15</b>           | 14 5/16       | 1.3   | 3.1    | 1.6   | 3.3  | 1.6  | 3.1     | <b>66</b>           | 65 8/16       | 6.7   | 15.2   | 8.7   | 16.5 | 8.2  | 14.7    |
| <b>17</b>           | 16 5/16       | 1.4   | 3.6    | 1.9   | 3.8  | 1.9  | 3.6     | <b>68</b>           | 67 8/16       | 6.7   | 15.7   | 8.9   | 17.1 | 8.4  | 15.2    |
| <b>19</b>           | 18 4/16       | 1.6   | 4.1    | 2.1   | 4.6  | 2.1  | 3.8     | <b>70</b>           | 69 7/16       | 7.0   | 16.2   | 9.2   | 17.6 | 8.4  | 15.7    |
| <b>21</b>           | 20 4/16       | 1.9   | 4.6    | 2.6   | 5.0  | 2.1  | 4.6     | <b>72</b>           | 71 7/16       | 7.0   | 16.6   | 9.2   | 17.8 | 8.7  | 15.9    |
| <b>23</b>           | 22 3/16       | 1.9   | 5.0    | 2.9   | 5.5  | 2.6  | 5.0     | <b>74</b>           | 73 6/16       | 7.2   | 17.1   | 9.4   | 18.3 | 8.9  | 16.3    |
| <b>25</b>           | 24 3/16       | 2.1   | 5.5    | 3.1   | 6.3  | 2.9  | 5.3     | <b>76</b>           | 75 6/16       | 7.5   | 17.4   | 9.9   | 18.8 | 9.2  | 16.6    |
| <b>27</b>           | 26 2/16       | 2.6   | 6.3    | 3.3   | 6.7  | 3.1  | 5.8     | <b>78</b>           | 77 5/16       | 7.7   | 17.8   | 10.1  | 19.3 | 9.4  | 17.1    |
| <b>29</b>           | 28 2/16       | 2.9   | 6.5    | 3.6   | 7.0  | 3.3  | 6.3     | <b>80</b>           | 79 5/16       | 7.7   | 18.1   | 10.4  | 19.8 | 9.6  | 17.6    |
| <b>31</b>           | 30 1/16       | 3.1   | 7.0    | 3.8   | 7.5  | 3.6  | 6.7     | <b>82</b>           | 81 4/16       | 8.2   | 18.3   | 10.6  | 20.2 | 9.9  | 18.1    |
| <b>33</b>           | 32 1/16       | 3.1   | 7.2    | 4.1   | 8.2  | 3.8  | 7.0     | <b>84</b>           | 83 4/16       | 8.4   | 19.1   | 10.8  | 21.0 | 10.1 | 18.3    |
| <b>35</b>           | 34            | 3.3   | 7.7    | 4.6   | 8.7  | 4.1  | 7.5     | <b>86</b>           | 85 3/16       | 8.4   | 19.3   | 10.8  | 21.2 | 10.4 | 18.8    |
| <b>36</b>           | 36            | 3.6   | 8.4    | 4.8   | 9.1  | 4.6  | 8.2     | <b>88</b>           | 87 3/16       | 8.7   | 19.8   | 11.1  | 21.7 | 10.6 | 19.0    |
| <b>38</b>           | 37 15/16      | 3.8   | 8.9    | 5.0   | 9.7  | 4.8  | 8.4     | <b>90</b>           | 89 2/16       | 8.9   | 20.0   | 11.6  | 21.9 | 10.8 | 19.5    |
| <b>40</b>           | 39 15/16      | 3.8   | 9.2    | 5.3   | 10.1 | 4.8  | 8.9     | <b>92</b>           | 91 2/16       | 9.2   | 21.0   | 11.8  | 22.9 | 11.1 | 20.0    |
| <b>42</b>           | 41 14/16      | 4.1   | 9.9    | 5.3   | 10.6 | 5.0  | 9.4     | <b>94</b>           | 93 1/16       | 9.2   | 21.0   | 11.8  | 23.1 | 11.1 | 20.3    |
| <b>44</b>           | 43 14/16      | 4.6   | 10.1   | 5.5   | 11.1 | 5.3  | 9.9     | <b>96</b>           | 95 1/16       | 9.2   | 21.0   | 11.8  | 23.2 | 11.6 | 20.7    |
| <b>46</b>           | 45 13/16      | 4.6   | 10.6   | 6.1   | 11.8 | 5.5  | 10.4    |                     |               |       |        |       |      |      |         |
| <b>48</b>           | 47 13/16      | 4.8   | 11.1   | 6.3   | 12.3 | 5.8  | 10.6    |                     |               |       |        |       |      |      |         |
| <b>50</b>           | 49 12/16      | 5.0   | 11.6   | 6.5   | 12.5 | 6.3  | 11.1    |                     |               |       |        |       |      |      |         |
| <b>52</b>           | 51 12/16      | 5.3   | 12.1   | 6.7   | 13.0 | 6.5  | 11.6    |                     |               |       |        |       |      |      |         |



## Voltage Drop Calculator

The below chart assumes nominal voltage of 24 Volts and a Voltage Drop Allowance of 3% through the wire

| Wattage<br>[W] | Maximum Wire Length From Power Supply to Start of Run [ft] |        |        |        |        |        |        |
|----------------|------------------------------------------------------------|--------|--------|--------|--------|--------|--------|
|                | 12 AWG                                                     | 14 AWG | 16 AWG | 18 AWG | 20 AWG | 22 AWG | 24 AWG |
| <b>5</b>       | 1088.2                                                     | 684.4  | 430.3  | 270.6  | 170.2  | 107.1  | 67.3   |
| <b>10</b>      | 544.1                                                      | 342.2  | 215.1  | 135.3  | 85.1   | 53.5   | 33.7   |
| <b>15</b>      | 362.7                                                      | 228.1  | 143.4  | 90.2   | 56.7   | 35.7   | 22.4   |
| <b>20</b>      | 272.0                                                      | 171.1  | 107.6  | 67.7   | 42.6   | 26.8   | 16.8   |
| <b>25</b>      | 217.6                                                      | 136.9  | 86.1   | 54.1   | 34.0   | 21.4   | 13.5   |
| <b>30</b>      | 181.4                                                      | 114.1  | 71.7   | 45.1   | 28.4   | 17.8   | 11.2   |
| <b>35</b>      | 155.5                                                      | 97.8   | 61.5   | 38.7   | 24.3   | 15.3   | 9.6    |
| <b>40</b>      | 136.0                                                      | 85.5   | 53.8   | 33.8   | 21.3   | 13.4   | 8.4    |
| <b>45</b>      | 120.9                                                      | 76.0   | 47.8   | 30.1   | 18.9   | 11.9   | 7.5    |
| <b>50</b>      | 108.8                                                      | 68.4   | 43.0   | 27.1   | 17.0   | 10.7   | 6.7    |
| <b>55</b>      | 98.9                                                       | 62.2   | 39.1   | 24.6   | 15.5   | 9.7    | 6.1    |
| <b>60</b>      | 90.7                                                       | 57.0   | 35.9   | 22.6   | 14.2   | 8.9    | 5.6    |
| <b>65</b>      | 83.7                                                       | 52.6   | 33.1   | 20.8   | 13.1   | 8.2    | 5.2    |
| <b>70</b>      | 77.7                                                       | 48.9   | 30.7   | 19.3   | 12.2   | 7.6    | 4.8    |
| <b>75</b>      | 72.5                                                       | 45.6   | 28.7   | 18.0   | 11.3   | 7.1    | 4.5    |
| <b>80</b>      | 68.0                                                       | 42.8   | 26.9   | 16.9   | 10.6   | 6.7    | 4.2    |
| <b>85</b>      | 64.0                                                       | 40.3   | 25.3   | 15.9   | 10.0   | 6.3    | 4.0    |
| <b>90</b>      | 60.5                                                       | 38.0   | 23.9   | 15.0   | 9.5    | 5.9    | 3.7    |
| <b>96</b>      | 56.7                                                       | 35.6   | 22.4   | 14.1   | 8.9    | 5.6    | 3.5    |

# Plexineon Surface Mount

Static White and Monochrome Colors



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## Common Applications

Custom Indoor Designs | Coves | Signs | Building Facades | Lobbies | Hallways | Statement Pieces | Restaurants  
Corporate Offices | Schools | Residential Towers | Parking Garages | Hotels | Bridges | Benches | Airports



### Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

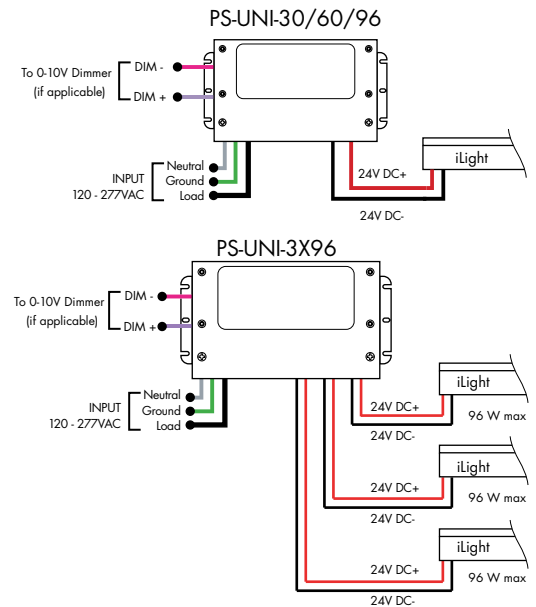
#### Ordering Code - Universal Dimming Power Supplies 0.1% 120VAC - 277VAC

| MODEL                         | INPUT CONTROL                                    | WATTAGE                                                              | OUTPUT      |
|-------------------------------|--------------------------------------------------|----------------------------------------------------------------------|-------------|
| PS - Power Supply, 120-277VAC | UNI - 0-10V Dimming (0.1%), Phase Dimming (0.1%) | 30 - 30 Watts<br>60 - 60 Watts<br>96 - 96 Watts<br>3x96 - 3x96 Watts | 24 - 24 VDC |

Compatibility: View a complete list of compatible dimmers on the PS-UNI product page.

0-10V - 0.1% dimming  
MLV/ELV/TRIAC - 0.1% dimming, consult dimming compatibility chart

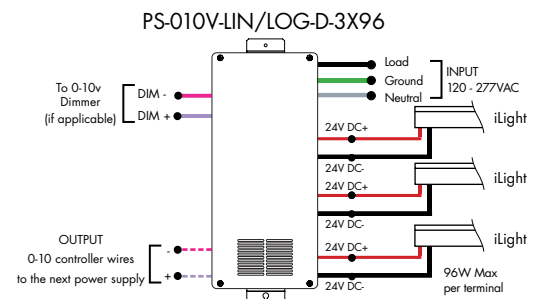
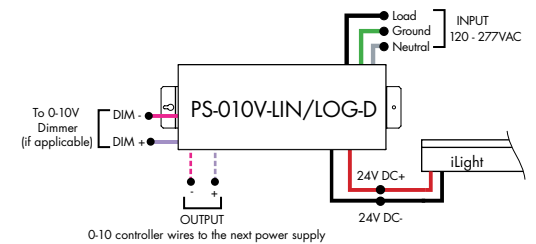
| MODELS | PS-UNI-30W | PS-UNI-60W | PS-UNI-96W | PS-UNI-3X96W |
|--------|------------|------------|------------|--------------|
| Length | 6.50"      | 7.40"      | 8.66"      | 11.85"       |
| Width  | 3.73"      | 3.73"      | 3.73"      | 4.32"        |
| Depth  | 1.61"      | 1.61"      | 1.61"      | 1.81"        |



#### Ordering Code - 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

| MODEL                         | INPUT CONTROL                                                                           | ENVIRONMENT | WATTAGE                            | OUTPUT      |
|-------------------------------|-----------------------------------------------------------------------------------------|-------------|------------------------------------|-------------|
| PS - Power Supply, 120-277VAC | 010V-LIN - 0-10V Dimming (0.1%), Linear<br>010V-LOG - 0-10V Dimming (0.1%), Logarithmic | D - Dry     | 96 - 96 Watts<br>3x96 - 3x96 Watts | 24 - 24 VDC |

| MODELS | 96W    | 3X96   |
|--------|--------|--------|
| Length | 14.40" | 15.00" |
| Width  | 5.20"  | 6.62"  |
| Depth  | 2.60"  | 4.45"  |



# Plexineon Surface Mount

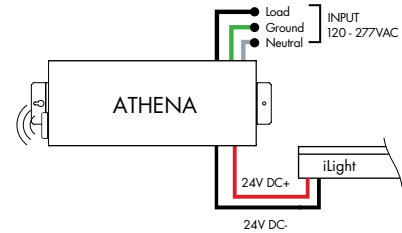
Static White and Monochrome Colors

## Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

### Ordering Code - Athena 0-10V LED Driver

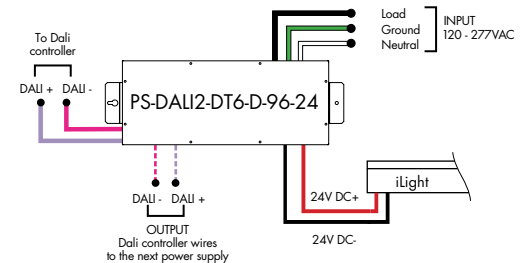
| MODEL                         | INPUT CONTROL                                                                           | ENVIRONMENT | WATTAGE     | OUTPUT    | FEATURE      |
|-------------------------------|-----------------------------------------------------------------------------------------|-------------|-------------|-----------|--------------|
| PS - Power Supply, 120-277VAC | 010V-LIN - 0-10V Dimming (0.1%), linear<br>010V-LOG - 0-10V Dimming (0.1%), Logarithmic | D-Dry       | 96-96 Watts | 24-24 VDC | AWN - Athena |



| MODELS | 96W    |
|--------|--------|
| Length | 14.40" |
| Width  | 5.20"  |
| Depth  | 2.60"  |

### Ordering Code - DALI 2 Dimming Power Supplies 0.1% 120VAC - 277VAC

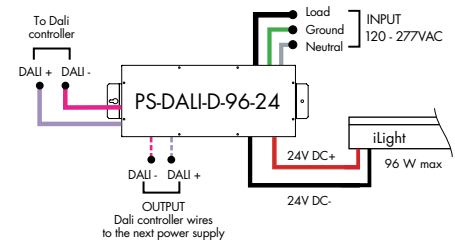
| MODEL                         | INPUT CONTROL                | ENVIRONMENT | WATTAGE     | OUTPUT    |
|-------------------------------|------------------------------|-------------|-------------|-----------|
| PS - Power Supply, 120-277VAC | DALI2-DT6 - DALI2 DT6 (0.1%) | D-Dry       | 96-96 Watts | 24-24 VDC |



| Model  | 96W    |
|--------|--------|
| Length | 14.40" |
| Width  | 5.20"  |
| Depth  | 2.60"  |

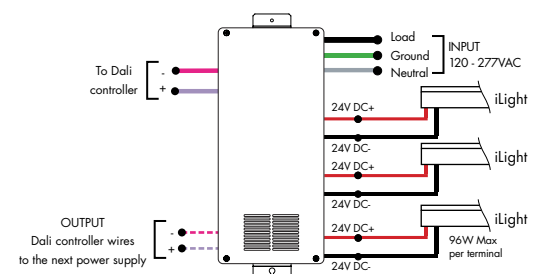
### Ordering Code - DALI Dimming Power Supplies 0.1% 120VAC - 277VAC

| MODEL                         | INPUT CONTROL      | ENVIRONMENT | WATTAGE                        | OUTPUT    |
|-------------------------------|--------------------|-------------|--------------------------------|-----------|
| PS - Power Supply, 120-277VAC | DALI - DALI (0.1%) | D-Dry       | 96-96 Watts<br>3x96-3x96 Watts | 24-24 VDC |



| Model  | 96W    | 3X96   |
|--------|--------|--------|
| Length | 14.40" | 15.00" |
| Width  | 5.20"  | 6.62"  |
| Depth  | 2.60"  | 4.56"  |

PS-DALI-D-3X96-24



# Plexineon Surface Mount

Static White and Monochrome Colors



## Power Supplies

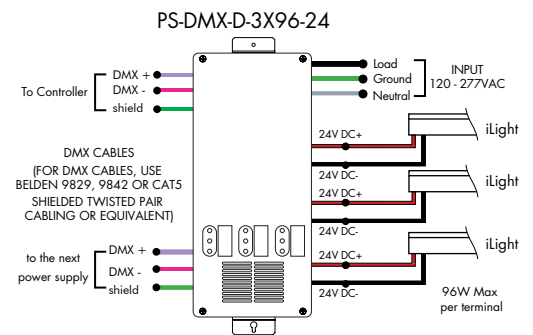
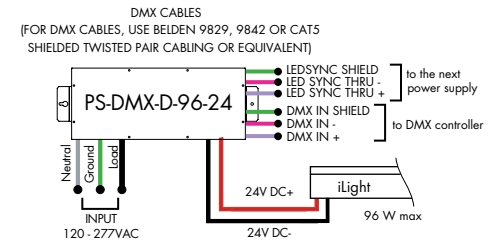
See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

### Ordering Code - DMX Dimming Power Supplies 0.1% 120VAC - 277VAC

| MODEL                         | INPUT CONTROL    | ENVIRONMENT | WATTAGE                            | OUTPUT      |
|-------------------------------|------------------|-------------|------------------------------------|-------------|
| PS - Power Supply, 120-277VAC | DMX - DMX (0.1%) | D - Dry     | 96 - 96 Watts<br>3x96 - 3x96 Watts | 24 - 24 VDC |

| MODELS | 96W    | 3X96   |
|--------|--------|--------|
| Length | 14.40" | 15.00" |
| Width  | 5.20"  | 6.62"  |
| Depth  | 2.60"  | 4.56"  |

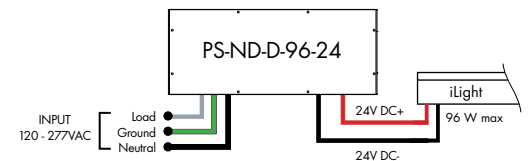
ZONAL CONTROL POWER SUPPLIES.  
CONTROL MULTIPLE TAPES/ZONES USING DMX CHANNELS.



### Ordering Code - Non-Dimming Power Supply, 120VAC - 277VAC

| MODEL                         | INPUT CONTROL    | ENVIRONMENT | WATTAGE       | OUTPUT      |
|-------------------------------|------------------|-------------|---------------|-------------|
| PS - Power Supply, 120-277VAC | ND - Non Dimming | D - Dry     | 96 - 96 Watts | 24 - 24 VDC |

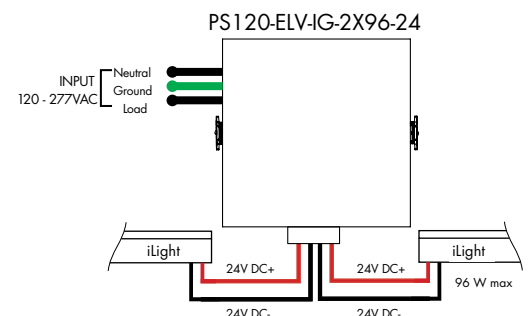
| MODELS | 96W    |
|--------|--------|
| Length | 14.40" |
| Width  | 5.20"  |
| Depth  | 2.60"  |



### Ordering Code - In-Ground Power Supplies

| MODEL                                                                                        | INPUT CONTROL          | ENVIRONMENT    | WATTAGE           | OUTPUT      |
|----------------------------------------------------------------------------------------------|------------------------|----------------|-------------------|-------------|
| PS120 - Power Supply, 120VAC<br>PS240 - Power Supply, 240VAC<br>PS277 - Power Supply, 277VAC | ELV - ELV Dimming (1%) | IG - In Ground | 2X96 - 2X96 Watts | 24 - 24 VDC |

| MODELS | 2X96W |
|--------|-------|
| Length | 8.40" |
| Width  | 8.30" |
| Depth  | 8.10" |



# Plexineon Surface Mount

Static White and Monochrome Colors

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## Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.



Luminii is a Lutron OEM Advantage Partner

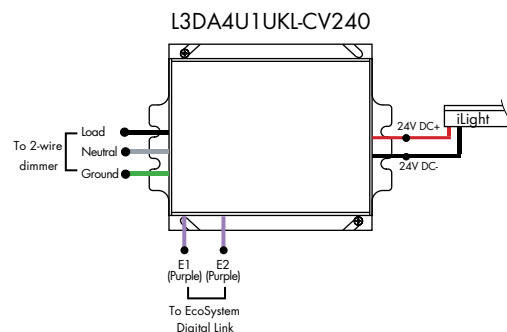
Lutron Power Supplies 1%

MODEL

**L3DA4U1UKL-CV240**

HiLume™ 1% EcoSystem Voltage LED driver  
40W max

| MODELS | L3DA4U1UKL-CV240 |
|--------|------------------|
| Length | 4.98"            |
| Width  | 4.00"            |
| Depth  | 2.62"            |



Luminii is a Lutron OEM Advantage Partner

Lutron Power Supplies 0.1%

MODEL

**L3D0-96W24V-U**

HiLume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black™  
96W max

| MODELS | L3D0   |
|--------|--------|
| Length | 10.50" |
| Width  | 5.50"  |
| Depth  | 2.00"  |

