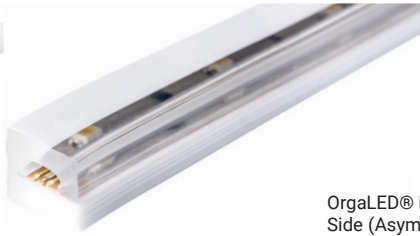


# OrgaLED® Deco - 24V DC

OrgaLED® Deco Top

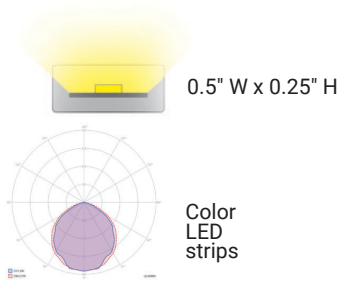


OrgaLED® Deco Side (Asymmetric)

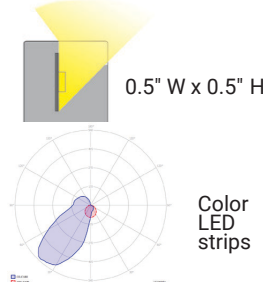
- OSRAM TopLED LED's
- 2400K, 2700K, 3000K, 4000K, 6500K Red, Green, Blue, Amber
- IP40; IP67 Wet location (specify connectors) IP68 with Mirror Welded connectors
- 24V DC
- Field cuttable every 8"
- 7 LED's per cuttable section / 11 per foot
- Up to 66' continuous runs, 164' spool length
- Bend radius 1.2"

- Made in EU/USA
- ETL / CE
- 5 year limited warranty; 50,000hrs white, 100,000hrs color
- Dimmable 0-10V or Pulse Width Modulation
- UV/IR protected PVC encapsulation
- Hollow chamber extrusion protects phosphors

Beam 110°



Beam 55°



## PART NUMBER & SPECIFICATIONS

### OrgaLED Deco Top

| Part # | Color | Current (A) | CRI  | lm/ft | W/ft | Bin |
|--------|-------|-------------|------|-------|------|-----|
| 011856 | 2400K | 350mA       | > 80 | 27    | 0.33 | ±50 |
| 011859 | 2700K | 350mA       | > 80 | 32    | 0.33 | ±50 |
| 011601 | 3000K | 350mA       | > 80 | 31    | 0.33 | ±50 |
| 011608 | 4000K | 350mA       | > 80 | 34    | 0.33 | ±50 |
| 011607 | 6500K | 350mA       | > 80 | 34    | 0.67 | ±50 |
| 011603 | Amber | 350mA       |      | 12    | 1.34 | ±50 |
| 011604 | Red   | 350mA       |      | 15    | 1.34 | ±50 |
| 011605 | Green | 350mA       |      | 37.49 | 0.76 | ±50 |
| 011606 | Blue  | 350mA       |      | 8     | 0.51 | ±50 |

### OrgaLED Deco Side

| Part # | Color | Current (A) | CRI  | lm/ft | W/ft | Bin |
|--------|-------|-------------|------|-------|------|-----|
| 011875 | 2400K | 350mA       | > 80 | 24    | 0.33 | ±50 |
| 011878 | 2700K | 350mA       | > 80 | 25    | 0.33 | ±50 |
| 011766 | 3000K | 350mA       | > 80 | 24    | 0.33 | ±50 |
| 011740 | 4000K | 350mA       | > 80 | 28    | 0.33 | ±50 |
| 011765 | 6500K | 350mA       | > 80 | 28    | 0.67 | ±50 |
| 011761 | Amber | 350mA       |      | 11.59 | 1.34 | ±50 |
| 011762 | Red   | 350mA       |      | 28.35 | 1.34 | ±50 |
| 011763 | Green | 350mA       |      | 3.96  | 0.76 | ±50 |
| 011764 | Blue  | 350mA       |      | 9.14  | 0.51 | ±50 |

ORGANIC LIGHTING®

Project

Type

Date

## ACCESSORIES

Standard LED strips offer a range of 'Plug & Play' IP40, IP67 and factory IP68 connections.



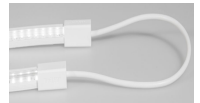
Top Connector 16'L, IP40 #011201



Side Connector 16'L, IP40 #011203



Top Extension, 10" Cord IP40 #011208



Side Extension, 10" Cord IP40 #011209



Mirror Welded Top Connector 16'L, IP68 #011290



Mirror Welded Side Connector 16'L, IP68 #011291



Top End Cap #011503



Side End Cap #011504

## POWER SUPPLIES

24V DC; 0-10V and Magnetic Power Supplies options ranging from 25W-300W.



0-10V; 120-277V  
25W, IP20 #011380  
40W, IP20 #011381  
60W, IP67 #011382  
75W, IP67 #011383  
100W, IP67 #011384



Magnetic 0-10V; IP67  
20W, 120V #011350  
40W, 120V #011351  
50W, 120V #011352  
60W, 120V #011353  
96W, 120V #011354  
100W, 120V #011355  
150W, 120V #011356  
200W, 120V #011357  
300W, 120V #011358  
60W, 277V #011359  
150W, 277V #011360

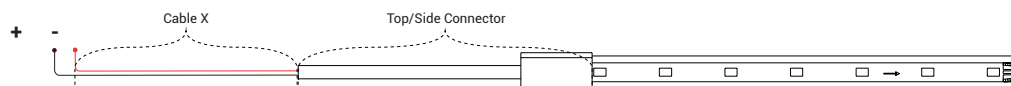


Specifications are correct at the time of publishing, but may be modified or improved in accordance with current electrical, safety or manufacturing methods without notification.

## CABLE SELECTION OrgaLED® DECO

The OrgaLED® LED strips need a minimum voltage at the beginning of the LED strip to function according to the specifications. The table below gives an indication of the maximum cable length based on the cable thickness and power supply voltage. The connection between the cable and LED strip is with a OrgaLED® Top connector with a cable length of 3ft (Product code: 11200).

In case the required length is larger than the length mentioned in this table, the supply voltage is different or if a detailed wire plan with branches is planned, please contact your distributor for a detailed cable calculation.



| Cable X Information | LED Strip | Max. Cable Length<br>2400, 2700, 4000K |          | Max. Cable Length<br>3000K |          | Max. Cable Length<br>6500K |          |
|---------------------|-----------|----------------------------------------|----------|----------------------------|----------|----------------------------|----------|
|                     |           | @ 24 VDC                               | @ 25 VDC | @ 24 VDC                   | @ 25 VDC | @ 24 VDC                   | @ 25 VDC |
| 20 AWG x 2          | 3.28 ft   | 919 ft                                 | 1770 ft  | 303 ft                     | 587 ft   | 457 ft                     | 882 ft   |
|                     | 16.4 ft   | 180 ft                                 | 350 ft   | 57 ft                      | 114 ft   | 88 ft                      | 173 ft   |
|                     | 32.8 ft   | 88 ft                                  | 173 ft   | 26 ft                      | 54 ft    | 41 ft                      | 84 ft    |
|                     | 65.6 ft   | 41 ft                                  | 84 ft    | 11 ft                      | 25 ft    | 18 ft                      | 40 ft    |
| 18 AWG x 2          | 3.28 ft   | 383 ft                                 | 289 ft   | 457 ft                     | 883 ft   | 688 ft                     | 1328 ft  |
|                     | 16.4 ft   | 271 ft                                 | 527 ft   | 86 ft                      | 171 ft   | 132 ft                     | 260 ft   |
|                     | 32.8 ft   | 132 ft                                 | 260 ft   | 40 ft                      | 82.62 ft | 63 ft                      | 127 ft   |
|                     | 65.6 ft   | 63 ft                                  | 127 ft   | 42 ft                      | 38.14 ft | 28 ft                      | 60 ft    |
| 16 AWG x 2          | 3.28 ft   | 2767 ft                                | 5325 ft  | 914 ft                     | 1766 ft  | 1377 ft                    | 2656 ft  |
|                     | 16.4 ft   | 543 ft                                 | 1054 ft  | 172 ft                     | 343 ft   | 265 ft                     | 521 ft   |
|                     | 32.8 ft   | 265 ft                                 | 521 ft   | 80 ft                      | 135 ft   | 126 ft                     | 254 ft   |
|                     | 65.6 ft   | 126 ft                                 | 254 ft   | 33 ft                      | 76 ft    | 56 ft                      | 120 ft   |
| 14 AWG x 2          | 3.28 ft   | 4606 ft                                | 8863 ft  | 1521 ft                    | 2940 ft  | 2292 ft                    | 4420 ft  |
|                     | 16.4 ft   | 904 ft                                 | 1755 ft  | 287 ft                     | 571 ft   | 441 ft                     | 867 ft   |
|                     | 32.8 ft   | 441 ft                                 | 867 ft   | 133 ft                     | 275 ft   | 210 ft                     | 423 ft   |
|                     | 65.6 ft   | 210 ft                                 | 423 ft   | 56 ft                      | 126 ft   | 94 ft                      | 201 ft   |

Project

Type

Date

## MOUNTING AND EXTRUSIONS

Mounts directly with brackets, self adhesive transparent channels, or in aluminum extrusions. For more extrusions, visit [organiclighting.com](http://organiclighting.com).



PET Channel  
#011369



SS Clips Top  
#011378  
SS Clips Side  
#011373



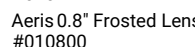
Aluminum Channel  
#012851  
Aluminum Channel Clip  
#012850



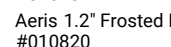
Aeris 0.8" Low  
#010710  
Aeris 0.8" High  
#010714



Aeris 1.2" Low  
#010730  
Aeris 1.2" High  
#010734



Aeris 0.8" Frosted Lens  
#010800



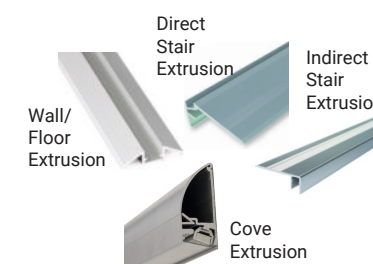
Aeris 1.2" Frosted Lens  
#010820



1" Line Extrusion  
#010982  
1" Line Frosted Lens  
#010959



2" Line Extrusion  
#010985  
2" Line Frosted Lens  
#010961



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