

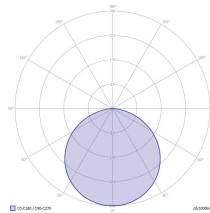
OrgaLED® PCB High Power - 24V DC



- OSRAM Duris E3
- 2400K, 2700K, 3000K, 4000K, 6500K
- IP20
- 24V DC
- Field cuttable every 2" for White
- 6 LED's per cuttable section /37 per foot
- Up to 33' 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
- Equipped with 3M double sided tape
- Ideal for small (indoor) spaces

Beam 120°



PART NUMBER & SPECIFICATIONS

| OrgaLED PCB High Power | | | | | | |
|------------------------|-------|-------------|------|-------|------|-----|
| Part # | Color | Current (A) | CRI | lm/ft | W/ft | Bin |
| 012199 | 2400K | 350mA | > 80 | 223 | 2.77 | ±50 |
| 012192 | 2700K | 350mA | > 80 | 254 | 2.92 | ±50 |
| 012193 | 3000K | 350mA | > 80 | 228 | 2.74 | ±50 |
| 012194 | 4000K | 350mA | > 80 | 263 | 2.74 | ±50 |
| 012195 | 6500K | 350mA | > 80 | 251 | 2.74 | ±50 |

Project

Type

Date

ACCESSORIES

PCB OrgaLED offers IP20 a range of connections.



PCB Extension IP20 #011750



PCB Extension 1"L, IP20 #010897



PCB Extension 1'L IP20 #011795



PCB Inline Connector IP20 #011797

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

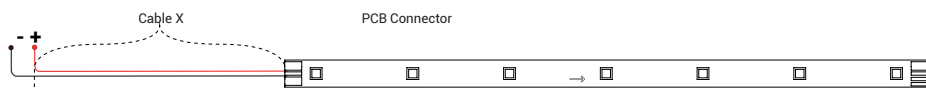


Specifications are correct at the time of publishing, but may be modified or improved in accordance with current electrical, safety or manufacturing methods without notification.

CABLE SELECTION OrgaLED® PCB High Power

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® PCB connector with a cable length of 1ft (Product code: 011750).

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 2400K-6500K | |
|---------------------|-----------|----------------------------------|----------|
| | | @ 24 VDC | @ 25 VDC |
| 20 AWG x 2 | 3.28 ft | 110 ft | 215 ft |
| | 16.4 ft | 18 ft | 39 ft |
| | 32.8 ft | 7 ft | 17 ft |
| 18 AWG x 2 | 3.28 ft | 165 ft | 323 ft |
| | 16.4 ft | 28 ft | 59 ft |
| | 32.8 ft | 10 ft | 26 ft |
| 16 AWG x 2 | 3.28 ft | 331 ft | 647 ft |
| | 16.4 ft | 56 ft | 119 ft |
| | 32.8 ft | 21 ft | 53 ft |
| 14 AWG x 2 | 3.28 ft | 550 ft | 1077 ft |
| | 16.4 ft | 93 ft | 198 ft |
| | 32.8 ft | 36 ft | 88 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.



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



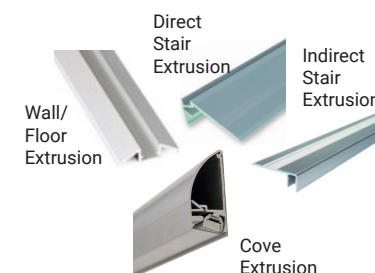
1" Line Extrusion
#010982

1" Line Frosted Lens
#010959



2" Line Extrusion
#010985

2" Line Frosted Lens
#010961



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