

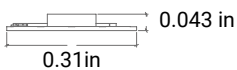
# OrgaLED® PCB Deco - 24V DC



- OSRAM TopLED LED's
- 2400K, 2700K, 3000K, 4000K, 6500K Red, Green, Blue, Amber
- IP20
- 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
- Equipped with 3M double sided tape
- Ideal for small (indoor) spaces

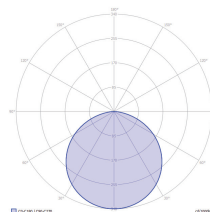
Beam 120°



PCB Mono White



PCB Mono Color



## PART NUMBER & SPECIFICATIONS

### OrgaLED PCB Deco

Part #	Color	Current (A)	CRI	lm/ft	W/ft	Bin
012197	2400K	350mA	> 80	27	0.33	±50
012174	2700K	350mA	> 80	32	0.33	±50
012141	3000K	350mA	> 80	31	0.33	±50
012142	4000K	350mA	> 80	34	0.33	±50
012185	6500K	350mA	> 80	34	0.67	±50
012181	Amber	350mA		12	1.34	±50
012182	Red	350mA		15	1.34	±50
012183	Green	350mA		37	0.76	±50
012184	Blue	350mA		8	0.51	±50

## ORGANIC LIGHTING®

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



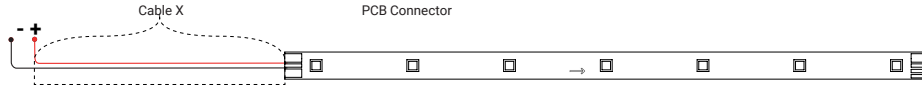
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# OrgaLED® PCB Deco - 24V DC

## CABLE SELECTION OrgaLED® PCB 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® 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 2400, 2700, 4000K		Max. Cable Length 3000K		Max. Cable Length 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

## ORGANIC LIGHTING®

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## MOUNTING AND EXTRUSIONS

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



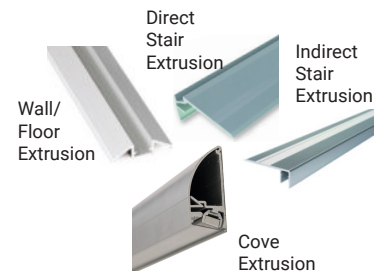
1" Line Extrusion  
#010982



2" Line Extrusion  
#010985

1" Line Frosted Lens  
#010959

2" Line Frosted Lens  
#010961



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