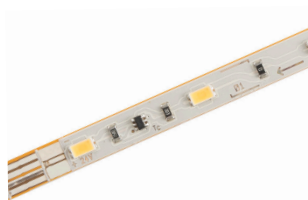


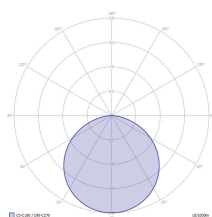
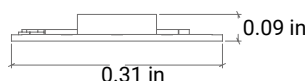
OrgaLED® PCB RGB 160, 240 - 24V DC



- OSRAM MULTILED
- RGB
- IP20
- 24V DC
- Field cuttable every 8"
- 7 LED's per cuttable section / 11 per foot
- Up to 33' RGB 160 continuous runs and up to 16' RGB 240 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 RGB

Part #	Color	Current (A)	CRI	lm/ft	W/ft	Bin
012187	RGB 160	350mA	> 80	48	1.5	±50
012139	RGB 240	350mA	> 80	71	2.2	±50

RGB DMX Controllers

DMX /DALI/0-10V Color Control, 4 control channels.



Digital Controller
100W #011343
180W #011344
720W #011345



Digital Controller & Power Supply Combination
100W #011341



Dimwheel Controller
100W #011342

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

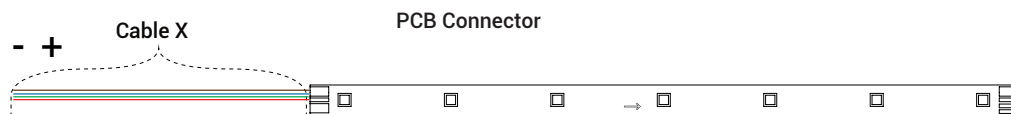


Specifications are correct at the time of publishing, but may be modified or improved in accordance with current electrical, safety or manufacturing methods without notification.

CABLE SELECTION OrgaLED® PCB RGB

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 RGB 160		Max. Cable Length RGB 240	
		@ 24 VDC	@ 25 VDC	@ 24 VDC	@ 25 VDC
20 AWG x 2	3.28 ft	206 ft	399 ft	134 ft	262 ft
	6.56 ft	101 ft	197 ft	65 ft	129 ft
	16.4 ft	38 ft	76 ft	23 ft	49 ft
	32.8 ft	17 ft	36 ft	-	-
18 AWG x 2	3.28 ft	441 ft	855 ft	282 ft	550 ft
	6.56 ft	141 ft	279 ft	88 ft	178 ft
	16.4 ft	81 ft	164 ft	49 ft	103 ft
	32.8 ft	36 ft	77 ft	-	-
16 AWG x 2	3.28 ft	882 ft	1710 ft	565 ft	1160 ft
	6.56 ft	432 ft	846 ft	274 ft	542 ft
	16.4 ft	163 ft	328 ft	99 ft	207 ft
	32.8 ft	73 ft	155 ft	-	-
14 AWG x 2	3.28 ft	1468 ft	2846 ft	941 ft	1833 ft
	6.56 ft	720 ft	1409 ft	457 ft	903 ft
	16.4 ft	271 ft	546 ft	166 ft	344 ft
	32.8 ft	121 ft	259 ft	-	-

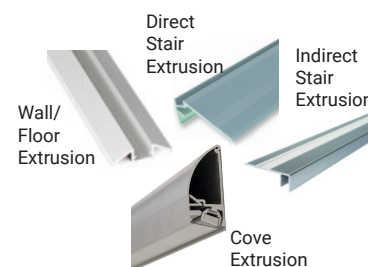
Project

Type

Date

MOUNTING AND EXTRUSIONS

Mounts directly with brackets, self adhesive transparent channels, or in aluminum extrusions. For more extrusions, visit organiclighting.com.



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