

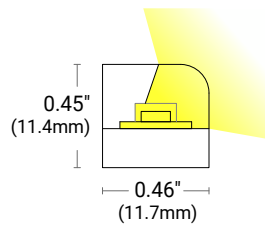
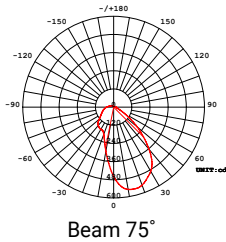
# OrgaLED® Side DECO, POWER & HIGH POWER

24V DC



## FEATURES

- Very Flexible (Bend radius > 1.2" (30.5mm))
- High Efficacy- 91.7 lm/W
- High Density- 8 LEDs per cuttable section
- 24V DC - Low Voltage, Class 2
- Up to 33ft(10m) Continuous Runs
- 2700K, 3000K, 3500K, 4000K, 5000K
- Field Cuttable 3.94in (100mm)
- 0-10V , TRIAC, Reverse Phase
- UV/IR protected PVC encapsulation
- IP40 or IP67 Wet Location
- UL Listed / CE /ROHS
- 5 years / 50,000 hrs warranty



## PART NUMBER & SPECIFICATIONS

Part #	Color	CRI	lm/ft	lm/m	W/ft	W/m
<b>OrgaLED® Deco Side</b>						
042101	2700K	>94	33.8	110.9	0.4	1.3
042102	3000K	>94	34.7	113.8	0.4	1.3
042103	3500K	>94	34.7	113.8	0.4	1.3
042104	4000K	>94	36.7	120.4	0.4	1.3
042105	5000K	>94	36.7	120.4	0.4	1.3
<b>OrgaLED® Power Side</b>						
042201	2700K	>94	118.1	387.4	1.4	4.6
042202	3000K	>94	121.5	398.5	1.4	4.6
042203	3500K	>94	121.5	398.5	1.4	4.6
042204	4000K	>94	128.4	421.2	1.4	4.6
042205	5000K	>94	128.4	421.2	1.4	4.6
<b>OrgaLED® High Power Side</b>						
042301	2700K	>94	202.5	664.2	2.4	7.9
042302	3000K	>94	208.2	682.9	2.4	7.9
042303	3500K	>94	208.2	682.9	2.4	7.9
042304	4000K	>94	220.1	721.9	2.4	7.9
042305	5000K	>94	220.1	721.9	2.4	7.9

Specifications may be modified or improved without notification

ORGANIC LIGHTING®

Project

Date

## Accessories

OrgaLED strips offer a range of 'Plug & Play' IP40 and IP67 field installable connectors.



**Side Starter Cable**  
16ft (4.88m)  
IP40 | IP67  
#042002



**Side White Jumper Cable**  
8" (203.2mm)  
IP40 | IP67  
#042004



**Side End Cap | IP40 / IP67**  
#042001



**PVC IP67 Waterproofing Kit**  
#011511



**IP67 Factory Waterproofing**  
#011508



# Power Supplies, Mountings & Extrusions

## POWER SUPPLIES - 24V

Forward Phase, Reverse Phase, & 0-10V Dimming Drivers. Outdoor enclosures available.

Part #	Ingress	Voltage	Wattage	Dimensions (inches / mm)	Description
045001	IP67	100-305V	20W	7.6 x 1.18 x 0.79 / 193 x 30 x 20	Dimmable LED Driver
045002	IP67	100-305V	40W	5.83 x 1.58 x 0.87/148 x 40 x 22	Dimmable LED Driver
045003	IP67	120-277V	60W	6.3 x 2.24 x 1.5/160 x 57 x 38	Dimmable LED Driver
045004	IP67	120-277V	75W	6.3 x 2.24 x 1.5/160 x 57 x 38	Dimmable LED Driver
045005	IP67	120-277V	96W	7.6 x 2.24 x 1.5/193 x 57 x 38	Dimmable LED Driver
045006	IP67	120-277V	200W	10.1 x 3.03 x 1.8/257 x 77 x 46	Dimmable LED Driver
045007	IP67	120-277V	300W	11.9 x 3.03 x 1.8/302 x 77 x 46	Dimmable LED Driver

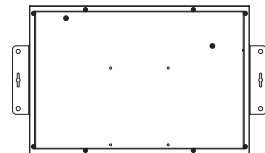
20W Dimmable Driver



75W Dimmable Driver



200W / 300W Enclosure



## ENCLOSURES

Part #	Ingress	Dimensions (inches / mm)	Description
045008	IP67	9.4 x 2.6 x 1.9 / 239 x 66 x 48	20W Enclosure
045009	IP67	11.02 x 4.05 x 2.2 / 280 x 103 x 56	40W Enclosure
045010	IP67	11.02 x 4.05 x 2.2 / 280 x 103 x 56	60W Enclosure
045011	IP67	11.02 x 4.05 x 2.2 / 280 x 103 x 56	75W Enclosure
045012	IP67	11.02 x 4.05 x 2.2 / 280 x 103 x 56	96W Enclosure
045013	IP67	16.7 x 9.8 x 2.3 / 424 x 249 x 58	200W Enclosure
045014	IP67	16.7 x 9.8 x 2.3 / 424 x 249 x 58	300W Enclosure

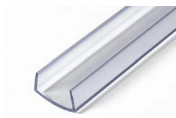
## Mounting & Extrusions

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



Aluminum Channel with an internal groove allows for a flathead screw. OrgaLED sits flush in channel.

**Aluminum Channel**  
0.41" x 0.41" (10.4 x 10.4mm)  
#012851  
**Aluminum Channel Clip**  
0.55" x 0.31" (14 x 7.9mm)  
#012850



PVC Clear Channel is lightweight and self adhesive.

**PVC Clear Channel 3.3ft (1m)**  
.57"W x .31"H (14.5 x 7.9mm)  
#041007

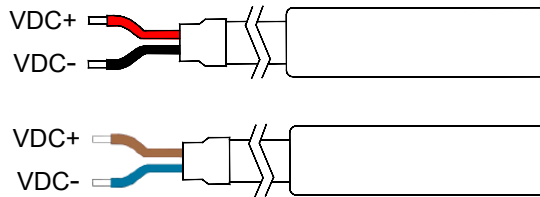


**SS Clip Side**  
0.97" x 0.75" x 0.51" (24.6 x 19.1 x 13mm)  
#011373

## Cable Requirement

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. The standard OrgaLED® starter cable (20 AWG) has a cable length of 16ft (4.88m).

In case the required length is longer than the length mentioned in this cable, it is recommended to cut the starter cable down to 1ft and splice a larger gauge cable. Please contact your distributor for a detailed cable calculation.



Cable X Information	LED Strip	Max. Cable Length
		24V
20 AWG x 2	3.28 ft /1m	303 ft /92.35m
	16.4 ft /5m	57 ft /17.37m
	32.8 ft /10m	36 ft /11m
18 AWG x 2	3.28 ft /1m	457 ft /139.3m
	16.4 ft /5m	86 ft /26.21m
	32.8 ft /10m	56 ft /17.07m
16 AWG x 2	3.28 ft /1m	914 ft /278.59m
	16.4 ft /5m	172 ft /52.43m
	32.8 ft /10m	90 ft /27.43m
14 AWG x 2	3.28 ft /1m	1521 ft /463.60
	16.4 ft /5m	287 ft /87.48m
	32.8 ft /10m	140 ft /42.67m