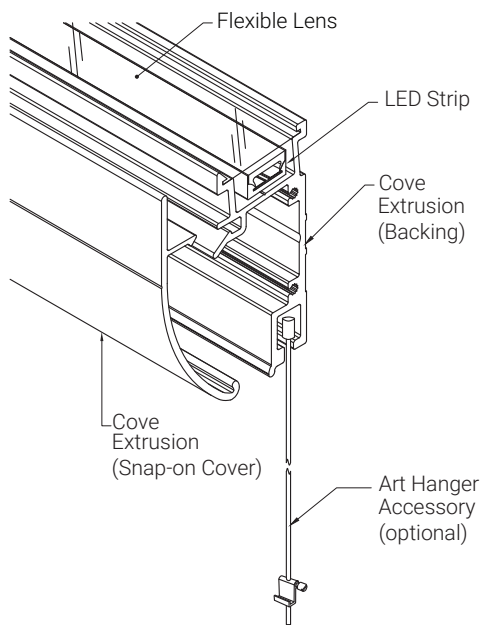


OrgaLED® Cove System

24V DC



SYSTEM OVERVIEW



- Aluminum 6061 Extrusion, Anodized
- Snap-on Cover for a Seamless Design
- Available in 8'3"(2.5M) Standard Lengths
- IK10 Rated
- Polycarbonate Snap-in Lens
- Optional Art Hanger Accessory
- Custom Powder Coat Finish Available
- Simple Slide-Fed Installation

PART NUMBER & SPECIFICATIONS

Part #	Description
011580-C	Cove Extrusion Cover
011580-B	Cove Extrusion Backing
011591-C	Snap-in Cove Clear Lens
011580-ECLS	Cove Left End Cap
011580-ECRS	Cove Right End Cap
011580-CB	Cove Art Hanging Accessory



Specifications may be modified or improved without notification.

ORGANIC LIGHTING®

Project

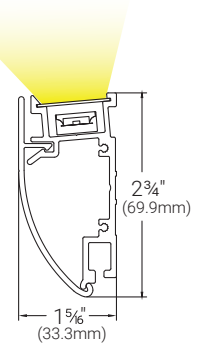
Date

APPLICATIONS

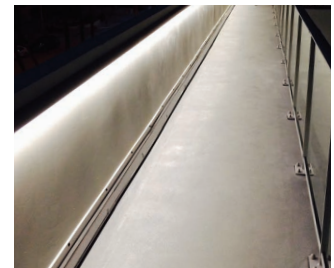
Cove System - UpLight



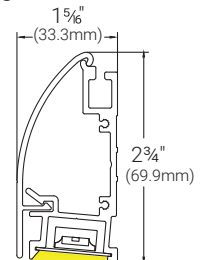
Uplight - Profile View



Cove System - DownLight



Downlight - Profile View



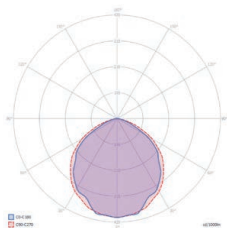
OrgaLED® Cove System

LED STRIPS - 24V | CONNECTORS



FEATURES

- Very Flexible (Bend radius >1.2"/30.5mm)
- High Efficacy- 127 lm/W
- High Density- 8 LEDs per cuttable section
- 24V DC - Low Voltage, Class 2
- 66ft(20m) Continuous Runs
- 2700K, 3000K, 3500K, 4000K, 5000K
- Field Cuttable 1.96in (49.8mm)
- Dimmable
- UV/IR protected PVC encapsulation
- IP40 or IP67 Wet Location
- UL Listed / CE / ROHS
- 5 years / 50,000 hrs warranty



110°



0.5"W x 0.25"H
(12.7mm x 6.35mm)

PART NUMBER & SPECIFICATIONS

OrgaLED® Power Top

Part #	Color	CRI	lm/ft	lm/m	Max Run	W/ft	W/m
041201	2700K	>94	116.8	383.1	66ft 20.1m	1	3.28
041202	3000K	>94	120.1	393.9	66ft 20.1m	1	3.28
041203	3500K	>94	120.1	393.9	66ft 20.1m	1	3.28
041204	4000K	>94	127	416.6	66ft 20.1m	1	3.28
041205	5000K	>94	127	416.6	66ft 20.1m	1	3.28

OrgaLED® High Power Top

Part #	Color	CRI	lm/ft	lm/m	Max Run	W/ft	W/m
041301	2700K	>94	198.6	651.4	66ft 20.1m	1.7	5.58
041302	3000K	>94	204.2	669.8	66ft 20.1m	1.7	5.58
041303	3500K	>94	204.2	669.8	66ft 20.1m	1.7	5.58
041304	4000K	>94	215.9	708.2	66ft 20.1m	1.7	5.58
041305	5000K	>94	215.9	708.2	66ft 20.1m	1.7	5.58

Specifications may be modified or improved without notification.

ORGANIC LIGHTING®

ACCESSORIES

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



Straight Connector Cable
16ft (4.88m) | IP40 / IP67
#041002



Bottom Feed Connector Cable
16ft (4.88m) | IP40 / IP67
#041003



Jumper Cable 8in (203.2mm)
IP40 / IP67
#041004



Top End Cap | IP40 / IP67
#041001



L-Splice Connector | IP40 / IP67
#041005



Inline Connector | IP40 / IP67
#041006



PVC IP67 Waterproofing Kit
#011511



IP67 Factory Waterproofing
#011508

OrgaLED® Cove System

POWER SUPPLIES | ENCLOSURES | ELECTRICAL DETAILS



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

ENCLOSURES

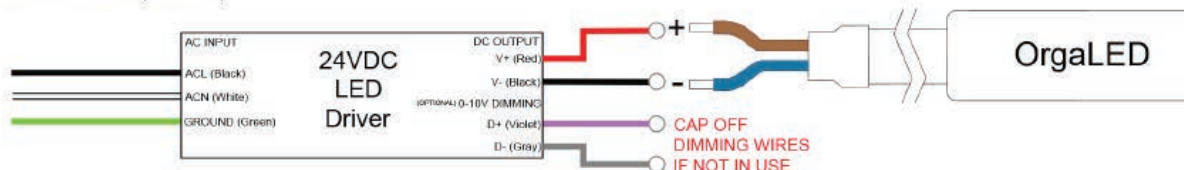
Part #	Ingress	Dimensions (inches / mm)	Description
045008	IP67	9.4 x 2.6 x 1.9 / 239 x 66 x 48	20W Enclosure
045009	IP67	11.02 x 4.05 x 2.2 / 280 x 103 x 56	40W Enclosure
045010	IP67	11.02 x 4.05 x 2.2 / 280 x 103 x 56	60W Enclosure
045011	IP67	11.02 x 4.05 x 2.2 / 280 x 103 x 56	75W Enclosure
045012	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



75W Dimmable Driver

ELECTRICAL DETAILS

*Regular Connection (Mono)

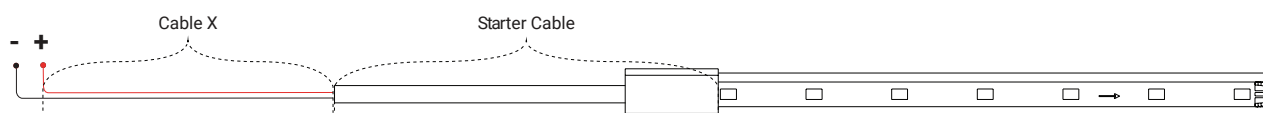


Specifications may be modified or improved without notification.

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
		24 V
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 / 10.98m
	49.2 ft / 15m	20 ft / 6.1m
	65.6 ft / 20m	16 ft / 4.9m
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
	49.2 ft / 15m	35 ft / 10.67m
	65.6 ft / 20m	25 ft / 7.62m
16 AWG x 2	3.28 ft / 1m	914 ft / 278.6m
	16.4 ft / 5m	172 ft / 52.43m
	32.8 ft / 10m	90 ft / 27.43m
	49.2 ft / 15m	60 ft / 18.3m
	65.6 ft / 20m	40 ft / 12.2m
14 AWG x 2	3.28 ft / 1m	1521 ft / 463.6m
	16.4 ft / 5m	287 ft / 87.5m
	32.8 ft / 10m	140 ft / 42.67m
	49.2 ft / 15m	96 ft / 29.26m
	65.6 ft / 20m	70 ft / 21.34m

Specifications may be modified or improved without notification.