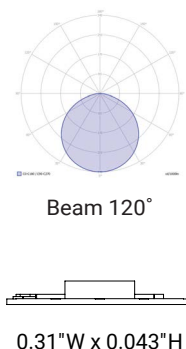


OrgaLED® PCB 24V DC



FEATURES

- Very Flexible (Bend radius >0.2")
- High Efficacy
- High Density
- 24V DC - Low Voltage, Class 2
- Up to 33ft Continuous Runs
- 2700K, 3000K, 3500K, 4000K, 5000K
- Field Cuttable 1.96in
- 8 LEDs per cuttable section
- Dimmable
- IP20
- UL Listed / CE / ROHS
- 5 years / 50,000 hrs warranty

PART NUMBER & SPECIFICATIONS

OrgaLED® Deco PCB

Part #	Color	CRI	lm/ft*	W/ft
040101	2700K	>94	41.4	0.3
040102	3000K	>94	42.6	0.3
040103	3500K	>94	42.6	0.3
040104	4000K	>94	44.1	0.3
040105	5000K	>94	45	0.3

OrgaLED® Power PCB

Part #	Color	CRI	lm/ft*	W/ft
040201	2700K	>94	138	1
040202	3000K	>94	142	1
040203	3500K	>94	142	1
040204	4000K	>94	147	1
040205	5000K	>94	150	1

OrgaLED® High Power PCB

Part #	Color	CRI	lm/ft*	W/ft
040301	2700K	>94	234.6	1.7
040302	3000K	>94	241.4	1.7
040303	3500K	>94	241.4	1.7
040304	4000K	>94	254	1.7
040305	5000K	>94	255	1.7

ORGANIC LIGHTING®

Project

Date

ACCESSORIES

PCB OrgaLED strips offer IP20 a range of connections.



PCB Starter Cable | 16ft
IP20
#040081



PCB Jumper Cable | 8in
IP20
#040082



PCB Inline Connector
IP20
#040083



L Splice Connector
IP20
#040084

Specifications may be modified or improved without notification

Organic Lighting | 12203 Magnolia Avenue, Suite 1, Riverside CA 92503 | 626.969.6140 | www.organiclighting.com | 11/2023 V13



POWER SUPPLIES, MOUNTINGS & EXTRUSIONS



POWER SUPPLIES - 24V

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

Part #	Ingress	Voltage	Wattage	Dimensions (inches)	Description
045001	IP67	100-305V	20W	7.6 x 1.18 x 0.79	Dimmable LED Driver
045002	IP67	100-305V	40W	5.83 x 1.57 x 0.87	Dimmable LED Driver
045003	IP67	120-277V	60W	6.3 x 2.24 x 1.5	Dimmable LED Driver
045004	IP67	120-277V	75W	6.3 x 2.24 x 1.5	Dimmable LED Driver
045005	IP67	120-277V	96W	7.6 x 2.24 x 1.5	Dimmable LED Driver
045006	IP67	120-277V	200W	10.1 x 3.03 x 1.8	Dimmable LED Driver
045007	IP67	120-277V	300W	11.9 x 3.03 x 1.8	Dimmable LED Driver

20W Dimmable Driver



75W Dimmable Driver



ENCLOSURES

Part #	Ingress	Dimensions (inches)	Description
045008	IP67	9.4 x 2.6 x 1.9	20W Enclosure
045009	IP67	11.02 x 4.05 x 2.2	40W Enclosure
045010	IP67	11.02 x 4.05 x 2.2	60W Enclosure
045011	IP67	11.02 x 4.05 x 2.2	75W Enclosure
045012	IP67	11.02 x 4.05 x 2.2	96W Enclosure
045013	IP67	16.7 x 9.8 x 2.3	200W Enclosure
045014	IP67	16.7 x 9.8 x 2.3	300W Enclosure

Mounting & Extrusions

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

Aeris is an aluminum anodized IP68 encapsulated extrusion fixture. Can be suspended with low voltage cable suspension or mounted to surface.

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



Aeris 0.8" Low | 0.8" x 0.75"
#010710
Aeris 0.8" High | 0.8" x 1.48"
#010714
Aeris 0.8" Frosted Lens
#010800



Aeris 1.2" Low | 1.2" x 0.75"
#010730
Aeris 1.2" High | 1.2" x 1.48"
#010734
Aeris 1.2" Frosted Lens
#010820



Aluminum Channel | 0.41" x 0.41"
#012851
Aluminum Channel Clip | 0.55" x 0.31"
#012850

Anodized surface, wall, floor, recess, inverted or suspended mounting.

Anodized surface, wall, floor, recess, inverted or suspended mounting.



1" Line Extrusion | 0.95" x 2"
#010982
1" Line Frosted Walk-over Lens
#010959



2" Line Extrusion | 1.73" x 2"
#010985
2" Line Frosted Walk-over Lens
#010961
2" Line Frosted Decorative Lens
#010962

Specifications may be modified or improved without notification

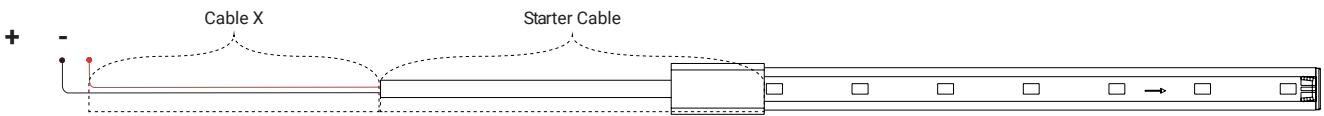


CABLE REQUIREMENT



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 and power supply voltage. The connection between the cable and LED strip is with an OrgaLED® Top starter cable with a cable length of 16ft.

In case the required length is larger than the length mentioned in this cable, 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
		24 V
20 AWG x 2	3.28 ft	303 ft
	16.4 ft	57 ft
	32.8 ft	26 ft
18 AWG x 2	3.28 ft	457 ft
	16.4 ft	86 ft
	32.8 ft	40 ft
16 AWG x 2	3.28 ft	914 ft
	16.4 ft	172 ft
	32.8 ft	80 ft
14 AWG x 2	3.28 ft	1521ft
	16.4 ft	287 ft
	32.8 ft	133 ft