

OrgaLED® High Power - 24V DC

OrgaLED® High Power Top

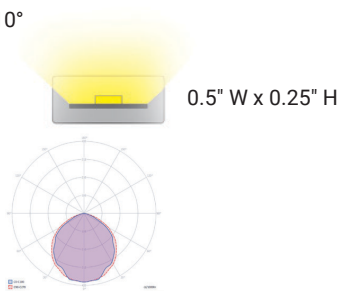


OrgaLED® High Power Side (Asymmetric)

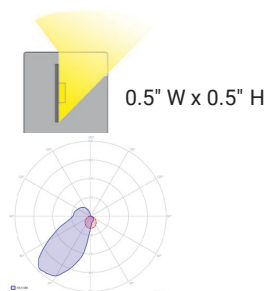
- OSRAM Duris E3
- 2400K, 2700K, 3000K, 4000K, 6500K
- IP40; IP67 Wet location (specify connectors) IP68 with Mirror Welded connectors
- 24V DC
- Field cuttable every 2" for White
- 6 LED's per cuttable section / 37 per foot
- Up to 33' continuous runs, 164' spool length
- Bend Radius 1.2"

- Made in EU/USA
- ETL / CE
- 5 year limited warranty; 50,000hrs white, 100,000hrs color
- Dimmable 0-10V or Pulse Width Modulation
- UV/IR protected PVC encapsulation
- Hollow chamber extrusion protects phosphors

Top Beam 110°



Side Beam 55°



PART NUMBER & SPECIFICATIONS

OrgaLED High Power Top

Part #	Color	Current (A)	CRI	lm/ft	W/ft	Bin
011858	2400K	350mA	> 80	190	2.77	±50
011731	2700K	350mA	> 80	214	2.92	±50
011732	3000K	350mA	> 80	188	2.74	±50
011733	4000K	350mA	> 80	216	2.74	±50
011734	6500K	350mA	> 80	211	2.74	±50

OrgaLED High Power Side

Part #	Color	Current (A)	CRI	lm/ft	W/ft	Bin
011877	2400K	350mA	> 80	152	2.77	±50
011735	2700K	350mA	> 80	166	2.92	±50
011736	3000K	350mA	> 80	154	2.74	±50
011737	4000K	350mA	> 80	170	2.74	±50
011738	6500K	350mA	> 80	170	2.74	±50

ORGANIC LIGHTING®

Project

Type

Date

ACCESSORIES

Standard LED strips offer a range of 'Plug & Play' IP40, IP67 and factory IP68 connections.



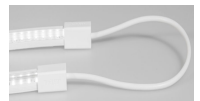
Top Connector 16'L, IP40 #011201



Side Connector 16'L, IP40 #011203



Top Extension, 10" Cord IP40 #011208



Side Extension, 10" Cord IP40 #011209



Mirror Welded Top Connector 16'L, IP68 #011290



Mirror Welded Side Connector 16'L, IP68 #011203



Top End Cap #011503



Side End Cap #011504

POWER SUPPLIES

24V DC; 0-10V and Magnetic Power Supplies options ranging from 25W-300W.



0-10V; 120-277V
25W, 120V #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

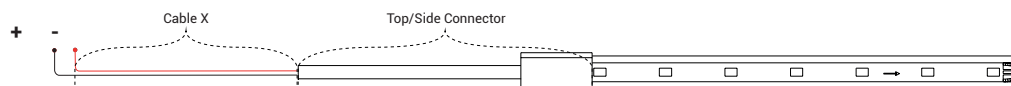


Specifications are correct at the time of publishing, but may be modified or improved in accordance with current electrical, safety or manufacturing methods without notification.

CABLE SELECTION OrgaLED® HIGH POWER

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® Top connector with a cable length of 3ft (Product code: 11200).

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 2400K-6500K	
		@ 24 VDC	@ 25 VDC
20 AWG x 2	3.28 ft	110 ft	215 ft
	16.4 ft	18 ft	39 ft
	32.8 ft	7 ft	17 ft
18 AWG x 2	3.28 ft	165 ft	323 ft
	16.4 ft	28 ft	59 ft
	32.8 ft	10 ft	26 ft
16 AWG x 2	3.28 ft	331 ft	647 ft
	16.4 ft	56 ft	119 ft
	32.8 ft	21 ft	53 ft
14 AWG x 2	3.28 ft	550 ft	1077 ft
	16.4 ft	93 ft	198 ft
	32.8 ft	36 ft	88 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.



PET Channel
#011369



SS Clips Top
#011378
SS Clips Side
#011373



Aluminum Channel
#012851
Aluminum Channel Clip
#012850



Aeris 0.8" Low
#010710
Aeris 0.8" High
#010714
Aeris 0.8" Frosted Lens
#010800



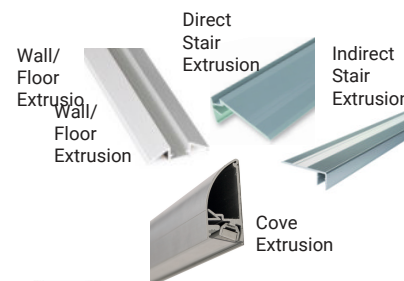
Aeris 1.2" Low
#010730
Aeris 1.2" High
#010734
Aeris 1.2" Frosted Lens
#010820



1" Line Extrusion
#010982
1" Line Frosted Lens
#010959



2" Line Extrusion
#010985
2" Line Frosted Lens
#010961



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