

OrgaLED® Tunable White - 24V DC

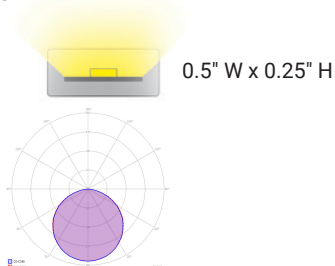
OrgaLED® Tunable White Top



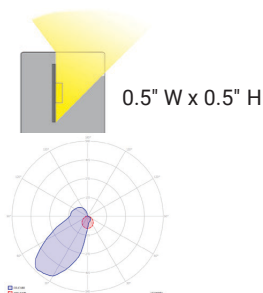
OrgaLED® Tunable White Side (Asymmetric)

- OSRAM Duris E3 (Top) or Nichea (Side)
- 2700K - 6500K Tunable White
- IP40; IP67 Wet location (specify connectors) IP68 with Mirror Welded connectors
- 24V DC
- Field cuttable every 3"
- 12 LED's per cuttable section / 48 per foot
- Up to 29'6" continuous runs, 29'6" 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°



Beam 55°



PART NUMBER & SPECIFICATIONS

OrgaLED Tunable White Top

Part #	Color	Current (A)	CRI	lm/ft	W/ft	Bin
011992	27-65K	350mA	> 80	255	3.3	±50
012468	22-35K	350mA	> 80	244	3.6	±50

OrgaLED Tunable White Side

Part #	Color	Current (A)	CRI	lm/ft	W/ft	Bin
011993	27-65K	350mA	> 80	208	3.2	±50
012469	22-35K	350mA	> 80	198	3.6	±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

ORGANIC LIGHTING®

Project

Type

Date

ACCESSORIES

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



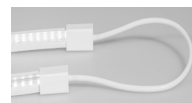
Top Connector 16'L, IP40
#011191



Side Connector 16'L, IP40
#011194



Top Extension, 10" Cord, IP40
#011192



Side Extension, 10" Cord, IP40
#011195



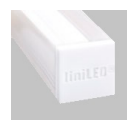
Mirror Welded Top Connector 16'L, IP68
#011290



Mirror Welded Side Connector 16'L, IP68
#011291



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, 120V #011381
60W, 120V #011382
75W, 120V #011383
100W, 120V #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

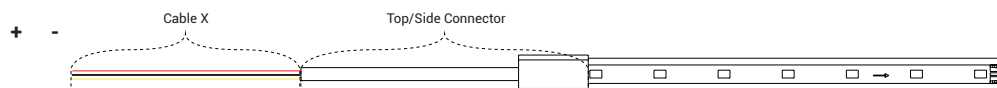


Specifications are correct at the time of publishing, but may be modified or improved in accordance with current electrical, safety or manufacturing methods without notification.

CABLE SELECTION OrgaLED® TUNABLE WHITE

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 2400, 2700, 4000K		Max. Cable Length 3000K		Max. Cable Length 6500K	
		@ 24 VDC	@ 25 VDC	@ 24 VDC	@ 25 VDC	@ 24 VDC	@ 25 VDC
20 AWG x 2	3.28 ft	919 ft	1770 ft	303 ft	587 ft	457 ft	882 ft
	16.4 ft	180 ft	350 ft	57 ft	114 ft	88 ft	173 ft
	32.8 ft	88 ft	173 ft	26 ft	54 ft	41 ft	84 ft
	65.6 ft	41 ft	84 ft	11 ft	25 ft	18 ft	40 ft
18 AWG x 2	3.28 ft	383 ft	289 ft	457 ft	883 ft	688 ft	1328 ft
	16.4 ft	271 ft	527 ft	86 ft	171 ft	132 ft	260 ft
	32.8 ft	132 ft	260 ft	40 ft	82.62 ft	63 ft	127 ft
	65.6 ft	63 ft	127 ft	42 ft	38.14 ft	28 ft	60 ft
16 AWG x 2	3.28 ft	2767 ft	5325 ft	914 ft	1766 ft	1377 ft	2656 ft
	16.4 ft	543 ft	1054 ft	172 ft	343 ft	265 ft	521 ft
	32.8 ft	265 ft	521 ft	80 ft	135 ft	126 ft	254 ft
	65.6 ft	126 ft	254 ft	33 ft	76 ft	56 ft	120 ft
14 AWG x 2	3.28 ft	4606 ft	8863 ft	1521 ft	2940 ft	2292 ft	4420 ft
	16.4 ft	904 ft	1755 ft	287 ft	571 ft	441 ft	867 ft
	32.8 ft	441 ft	867 ft	133 ft	275 ft	210 ft	423 ft
	65.6 ft	210 ft	423 ft	56 ft	126 ft	94 ft	201 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



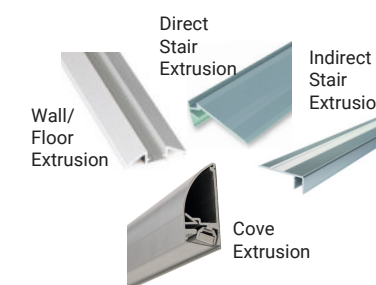
Aeris 1.2" Low
#010730
Aeris 1.2" High
#010734
Aeris 1.2" Frosted Lens
#010820



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



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



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