

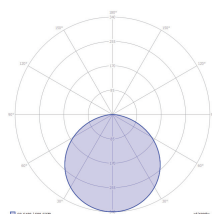
OrgaLED® PCB Photon - 24V DC



- Nichea
- 2000K, 2400K, 2700K, 3000K, 4000K, 6500K
- IP20
- 24V DC
- Field cuttable every 3.93"
- 5 LED's per cuttable section /21 per foot
- 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
- Equipped with 3M double sided tape
- Ideal for small (indoor) spaces

Beam 120°



PART NUMBER & SPECIFICATIONS

OrgaLED PCB Photon 1200

Part #	Color	Max Length	Current (A)	CRI	lm/ft	W/ft	Bin
012147	2000K	29.5'	350mA	> 80	305	3.2	±50
012148	2400K	29.5'	350mA	> 80	356	3.2	±50
012149	2700K	29.5'	350mA	> 80	368	2.7	±50
012150	3000K	29.5'	350mA	> 80	375	2.7	±50
012151	4000K	29.5'	350mA	> 80	372	2.5	±50
012152	6500K	29.5'	350mA	> 80	372	2.5	±50

OrgaLED PCB Photon 2000

012153	2000K	14.8'	350mA	> 80	468	5.5	±50
012154	2400K	14.8'	350mA	> 80	521	5.5	±50
012155	2700K	14.8'	350mA	> 80	531	4.6	±50
012156	3000K	14.8'	350mA	> 80	548	4.6	±50
012157	4000K	14.8'	350mA	> 80	558	4.1	±50
012158	6500K	14.8'	350mA	> 80	558	4.1	±50

OrgaLED PCB Photon 3000

012159	2000K	9.8'	350mA	> 80	699	8.8	±50
012160	2400K	9.8'	350mA	> 80	776	8.8	±50
012161	2700K	9.8'	350mA	> 80	802	7.2	±50
012162	3000K	9.8'	350mA	> 80	849	7.2	±50
012163	4000K	9.8'	350mA	> 80	812	6.6	±50
012164	6500K	9.8'	350mA	> 80	797	6.6	±50

OrgaLED PCB Photon 4000

012167	2000K	9.8'	350mA	> 80	1006	8.8	±50
012168	3000K	9.8'	350mA	> 80	1037	8.8	±50
012169	4000K	9.8'	350mA	> 80	1041	8.8	±50
012170	6500K	9.8'	350mA	> 80	1038	8.8	±50

Project

Type

Date

ACCESSORIES

PCB OrgaLED® offers IP20 a range of connections.



PCB Connector IP20
#011750



PCB Extension 1"L,
IP20 #010897



PCB Extension 1"L
IP20 #011795



PCB Inline Connector IP20
#011797

POWER SUPPLIES

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



0-10V; 120-277V
25W, IP20 #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

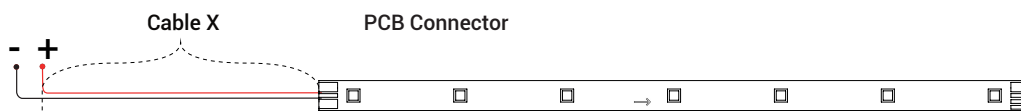


Specifications are correct at the time of publishing, but may be modified or improved in accordance with current electrical, safety or manufacturing methods without notification.

CABLE SELECTION OrgaLED® PCB PHOTON

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® PCB connector with a cable length of 1ft (Product code: 11750).

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	91 ft	179 ft
	16.4 ft	14 ft	32 ft
	29.5 ft	6 ft	16 ft
18 AWG x 2	3.28 ft	137 ft	270 ft
	16.4 ft	22 ft	49 ft
	29.5 ft	9 ft	24 ft
16 AWG x 2	3.28 ft	275 ft	541 ft
	16.4 ft	45 ft	98 ft
	29.5 ft	19 ft	48 ft
14 AWG x 2	3.28 ft	459 ft	901 ft
	16.4 ft	74 ft	163 ft
	29.5 ft	32 ft	81 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.



Aeris 0.8" Low
#010710
Aeris 0.8" High
#010714



Aeris 1.2" Low
#010730
Aeris 1.2" High
#010734

Aeris 0.8" Frosted Lens
#010800

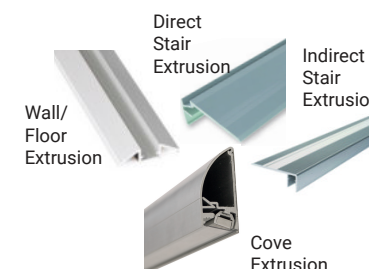
Aeris 1.2" Frosted Lens
#010820



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



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



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