

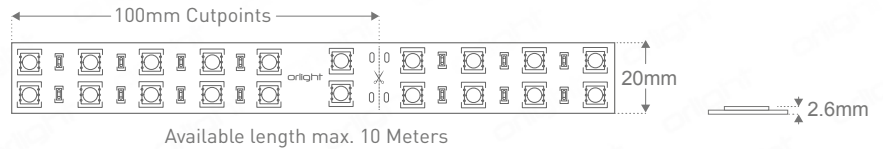
ORLTE6024EVOPL3 - Evolution Plus 3



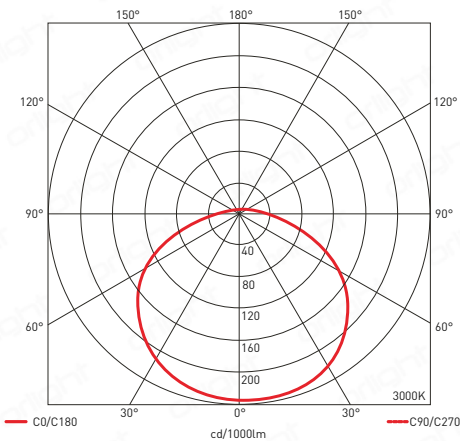
Description

3rd generation high CRI output self adhesive LED strip. Available in 6 colour temperatures within the warm to cool white range. The EvoPlus3 strip is supplied per meter complete with plug and play connections with 3M adhesive backing for simple installation. It can be cut every 10cm, allowing you to tailor the strip to exact needs. A CRI>90 standard ensures enhanced light quality with uncompromising standards. 2 Step MacAdams Ellipse Binning Strategy.

Dimensions



Polar Report



Specification

Chipset	5050 LED chip				
Dimming Options	MAINS / 1-10 / DALI				
Power Consumption	25W / Metre				
Voltage	24V				
Colour Temperature	2400K	2700K	3000K	4000K	6000K
Light Output ~	1135lm/M	1643lm/M	1671lm/M	1872lm/M	1628lm/M
lm Per Watt ~	53lm/W	66lm/W	67lm/W	75lm/W	65lm/W
CRI	97	97	95	92	92
Beam Angle	120°				
Binning	2 Step MacAdams Ellipse				
IP Rating	20				
Cutting Length	100MM				
Maximum Length	5M				

Colourmetrics

2400K

R1	R2	R3	R4	R5	R6	R7	R8
98	97	94	97	97	98	97	94
R9	R10	R11	R12	R13	R14	R15	
83	92	96	89	98	95	95	

2700K

R1	R2	R3	R4	R5	R6	R7	R8
99	97	93	97	97	96	98	96
R9	R10	R11	R12	R13	R14	R15	
88	92	96	85	98	95	97	

3000K

R1	R2	R3	R4	R5	R6	R7	R8
97	96	93	96	96	94	97	95
R9	R10	R11	R12	R13	R14	R15	
86	89	96	79	97	95	96	

4000K

R1	R2	R3	R4	R5	R6	R7	R8
93	94	94	92	91	90	97	90
R9	R10	R11	R12	R13	R14	R15	
74	85	91	67	93	96	91	

6000K

R1	R2	R3	R4	R5	R6	R7	R8
91	95	95	90	90	90	95	89
R9	R10	R11	R12	R13	R14	R15	
69	86	89	66	92	97	90	

Product Coding: Example: ORLTE6024EVOPL3-2700-CRI90

PREFIX	TECH ENHANCED	CODE	COLOUR TEMPERATURE	CRI	LENGTH
ORL	TE	6024EVOPL3	2400K	CRI90	5M MAX
			2700K		
			3000K		
			4000K		
			6000K		

Components

DRIVER	SPECIFICATION	DIMENSIONS (LxWxH)	STRIP LENGTH
ORLRPV2435	LED Driver, DC24V, 35W	145mm x 40mm x 30mm	1M
ORLRPV2460	LED Driver, DC24V, 60W	162mm x 42mm x 30mm	1 - 2M
ORLRPV24100	LED Driver, DC24V, 100W	190mm x 50mm x 37mm	2 - 4M
ORLRPV24150	LED Driver, DC24V, 150W	222mm x 68mm x 39mm	4 - 5M
DIMMABLE INTERFACE / DRIVER INTERFACE			
ORLRPV25-24MD	Main Dimmable Driver, DC24V, 25W	154mm x 54mm x 20mm	1M
ORLRPV50-24MD	Main Dimmable Driver, DC24V, 50W	177mm x 61mm x 24mm	2M
ORLRPV100-24MD	Main Dimmable Driver, DC24V, 100W	230mm x 70mm x 46mm	3-4M
ORLRPV-INTERFACE-MINI	1-10V Interface	100mm x 37mm x 20mm	Up to 10M
ORLDALIINTERFACE-24V	DALI Interface	100mm x 37mm x 20mm	Up to 10M

Dimmable drivers available on request