

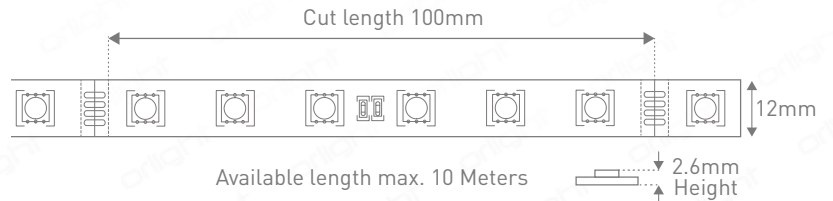
ORLTE6024EV03 - Technically Enhanced EV03



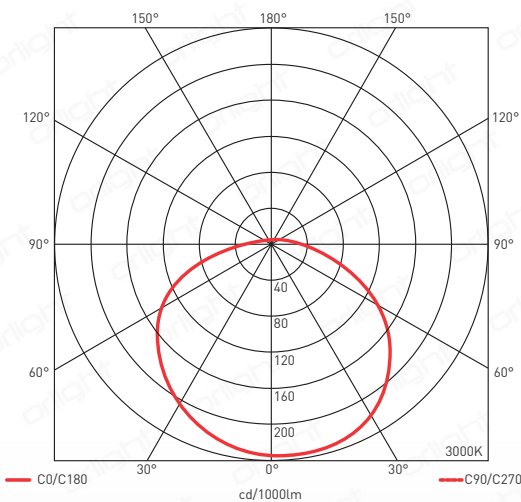
Description

Self adhesive LED strip for accent and task lighting. Available in 5 high CRI colour temperatures between 2400K and 6000K. The Evolution3 strip is supplied per meter complete with plug and play connections and a 3M adhesive backing for simple installation. It can be cut every 100mm, allowing you to tailor the strip to your exact needs and be configured to any length. A low energy and easy method of lighting. A 2 Step Binning strategy and CRI>90 standard ensures colour consistency and enhanced light quality with uncompromising standards .

Dimensions



Polar Report



Specification

Chipset	5050 LED chip			
Dimming Options	MAINS / 1-10 / DALI			
Power Consumption	14W / Meter			
Voltage	24V			
Colour Temperature	2400K	2700K	3000K	4000K
Light Output ~	702lm	1089lm	1019lm	1024lm
lm Per Watt ~	50lm/W	77lm/W	72lm/W	73lm/W
CRI	98	97	96	94
Beam Angle	120°			
Binning	2 Step MacAdams Ellipse			
IP Rating	20			
Cutting Length	100mm			
Maximum Length	10m (20m Both Ends Feed)			

Colourmetrics

2400K

R1	R2	R3	R4	R5	R6	R7	R8
100	98	94	98	99	99	98	96
R9	R10	R11	R12	R13	R14	R15	
87	94	95	93	99	95	96	

2700K

R1	R2	R3	R4	R5	R6	R7	R8
99	97	93	97	98	96	97	97
R9	R10	R11	R12	R13	R14	R15	
90	92	96	86	98	95	98	

3000K

R1	R2	R3	R4	R5	R6	R7	R8
98	97	93	96	96	94	97	96
R9	R10	R11	R12	R13	R14	R15	
89	90	96	82	97	95	97	

4000K

R1	R2	R3	R4	R5	R6	R7	R8
94	95	93	93	92	91	97	93
R9	R10	R11	R12	R13	R14	R15	
81	86	92	69	94	96	94	

Product Coding: Example: ORLTE6024EV03-2700-CRI90

PREFIX	TECH ENHANCED	CODE	COLOUR TEMPERATURE	CRI STANDARD	LENGTH
ORL	TE	6024EV03	2400K	CRI 90	10M MAX
			2700K		
			3000K		
			4000K		

Components

DRIVER	SPECIFICATION	DIMENSIONS (LxWxH)	STRIP LENGTH
ORLRPV2435	LED Driver, DC24V, 35W	145mm x 40mm x 30mm	1 - 2M
ORLRPV2460	LED Driver, DC24V, 60W	162mm x 42mm x 32mm	3 - 4M
ORLRPV24100	LED Driver, DC24V, 100W	190mm x 50mm x 37mm	5 - 7M
ORLRPV24150	LED Driver, DC24V, 150W	222mm x 68mm x 39mm	8 - 10M
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	2-3M
ORLRPV100-24MD	Main Dimmable Driver, DC24V, 100W	230mm x 70mm x 46mm	4-7M
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