

IP20/54	IP67/68	POWER SUPPLIES	CABLES	PROFILES	CONNECTORS	PCB COLOUR	8.41 W/M
89.32 Lm/M	CE	RoHS COMPLIANT					

PRODUCT SPECIFICATION

Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 50mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	Red
Bin/step	3 Step MacAdam ellipse
CRI	30.2
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

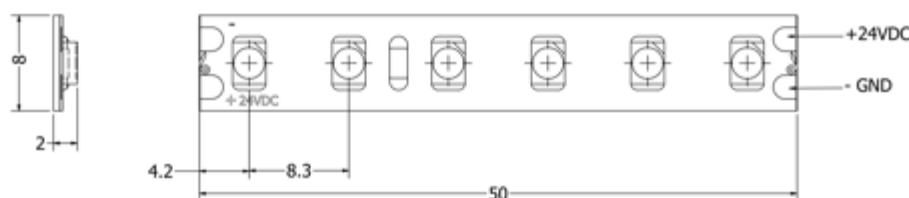


PERFORMANCE DATA (for 1000mm)

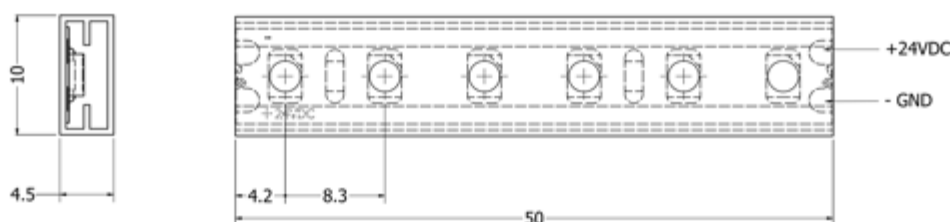
Power consumption	8.41W
Supply voltage	24V DC
Supply current	0.35A
Luminous flux	89.32Lm/M

TECHNICAL DRAWING

IP 20/54



IP 67/68



PRODUCT DETAILS

Product name	ECO FLEX COLOUR 120
Stated output	89.32lm per metre
Description	Flexible LED Tape, RED, 24V, 8.41W/m
Quantity/length of product tested	1 x 1000mm
Bin tolerance/#. MacAdams ellipse of chip	3 Step MacAdam ellipse

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (W DC)	8.41
Input Current (mA DC)	350mA

LIGHT OUTPUT

Total light output (Lumens)	89.32
Luminaire efficacy (lm/W)	10.62
Beam angle	120°

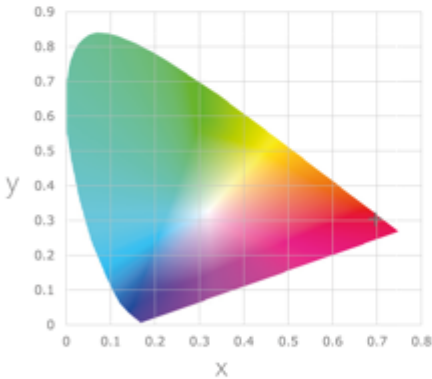
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	1001K
Colour rendering index (CRI, Ra)	30.2
Chromaticity coordinates (CIE 1931 - x,y)	0.6936, 0.3054

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
13	79	37	0	9	90	13	0	0	73	0	79	34	64	0

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

