

IP20/54	IP67/68	POWER SUPPLIES	CABLES	PROFILES	CONNECTORS	PCB COLOUR	9.27 W/m
572.4 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	White
Bin/step	3 Step MacAdam ellipse
CRI	94.7
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

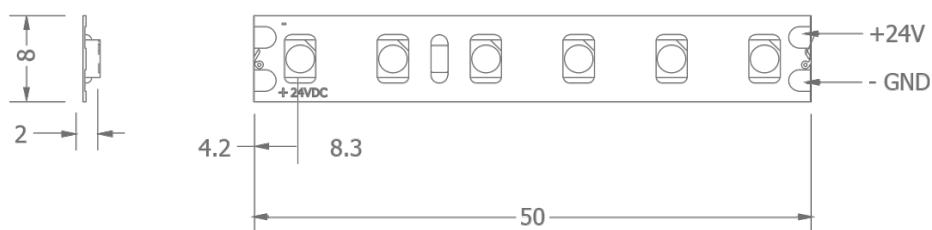


■ PERFORMANCE DATA (for 1000mm)

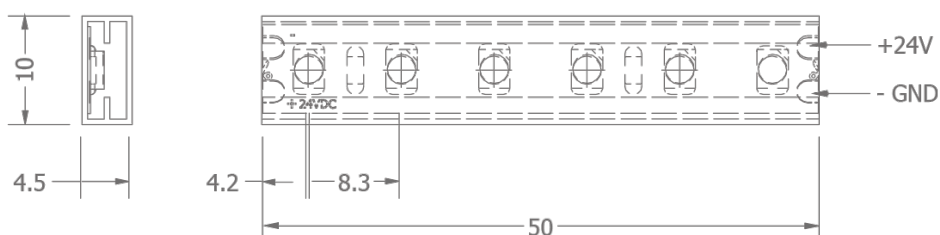
Power consumption	9.27W
Supply voltage	24V DC
Supply current	0.386A
Luminous flux	572.4Lm/M

TECHNICAL DRAWING

IP 20/54



IP 67/68



PRODUCT DETAILS

Product name	ECO FLEX 120
Stated output	572.4lm per metre
Description	Flexible LED Tape, 2400K, 24V, 9.27W/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 (WDC)	9.27
Input Current (mA DC)	386mA

LIGHT OUTPUT

Total light output (Lumens)	572.4
Luminaire efficacy (lm/W)	61.75
Beam angle	120°

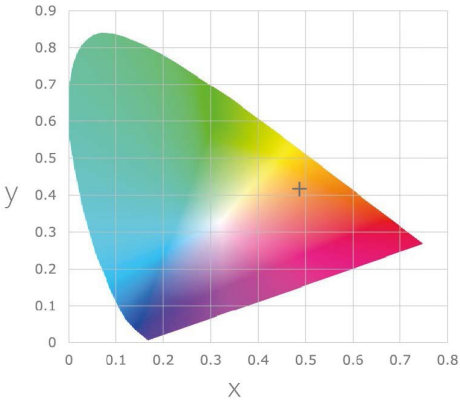
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2350K
Colour rendering index (CRI, Ra)	94.7
Chromaticity coordinates (CIE 1931 - x,y)	0.4926, 0.4156

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95	98	99	95	95	98	93	85	68	94	97	89	96	98	91

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

