

■ PRODUCT SPECIFICATION

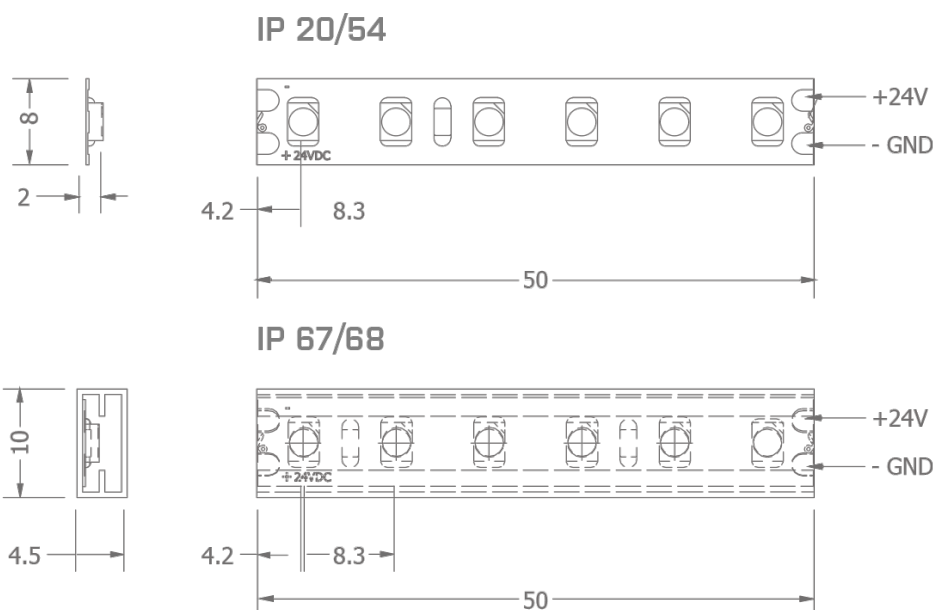
Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 50mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	92.5
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



■ PERFORMANCE DATA (for 1000mm)

Power consumption	10.52W
Supply voltage	24V DC
Supply current	0.438A
Luminous flux	718.26Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ECO FLEX 120
Stated output	718.26lm per metre
Description	Flexible LED Tape, 2700K, 24V, 10.52W/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)	10.52
Input Current (mA DC)	438mA

LIGHT OUTPUT

Total light output (Lumens)	718.26
Luminaire efficacy (lm/W)	68.28
Beam angle	120°

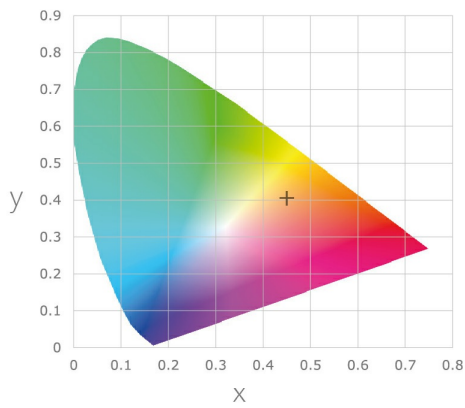
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2751K
Colour rendering index (CRI, Ra)	92.5
Chromaticity coordinates (CIE 1931 - x,y)	0.4551, 0.4084

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93	97	99	91	92	97	91	80	58	93	92	82	94	99	89

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

