

■ PRODUCT SPECIFICATION

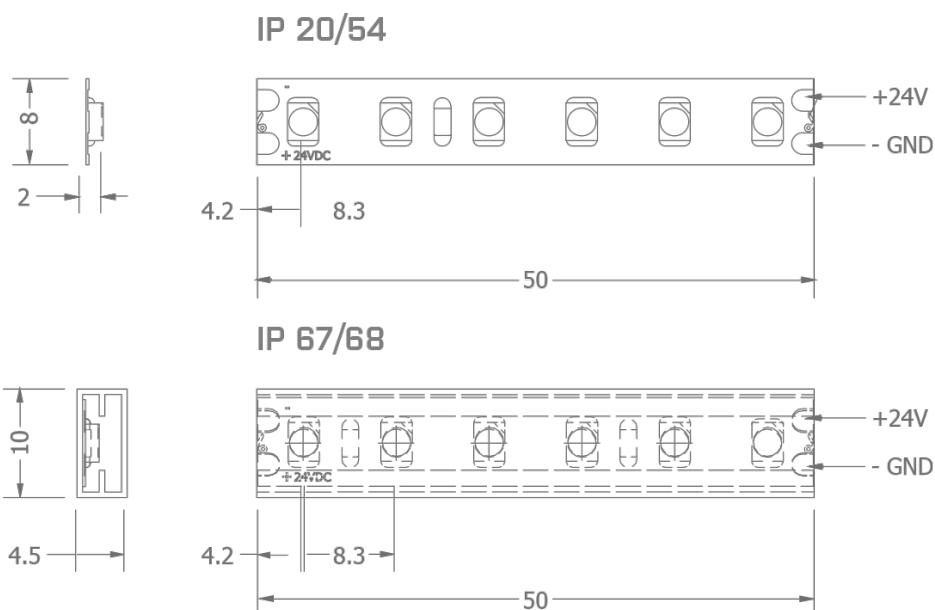
Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 50mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	95.4
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



■ PERFORMANCE DATA (for 1000mm)

Power consumption	9.32W
Supply voltage	24V DC
Supply current	0.388A
Luminous flux	663.12Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	ECO FLEX 120
Stated output	663.12lm per metre
Description	Flexible LED Tape, 4000K, 24V, 9.32W/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)	9.32
Input Current (mA DC)	388mA

■ LIGHT OUTPUT

Total light output (Lumens)	663.12
Luminaire efficacy (lm/W)	71.15
Beam angle	120°

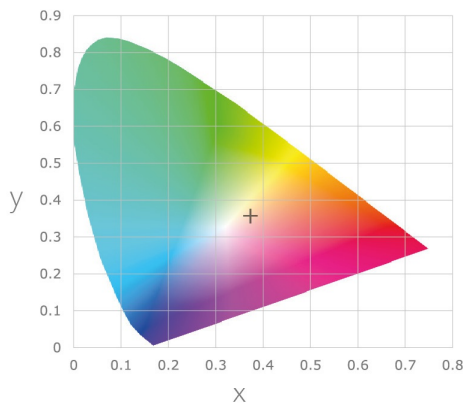
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4092K
Colour rendering index (CRI, Ra)	95.4
Chromaticity coordinates (CIE 1931 - x,y)	0.3749, 0.3683

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97	97	94	95	95	92	98	96	90	90	94	70	97	96	97

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

