

IP20/54

IP67/68

POWER SUPPLIES

CABLES

PROFILES

CONNECTORS

PCB COLOUR

8.23
W/M

98.72
Lm/M





PRODUCT SPECIFICATION

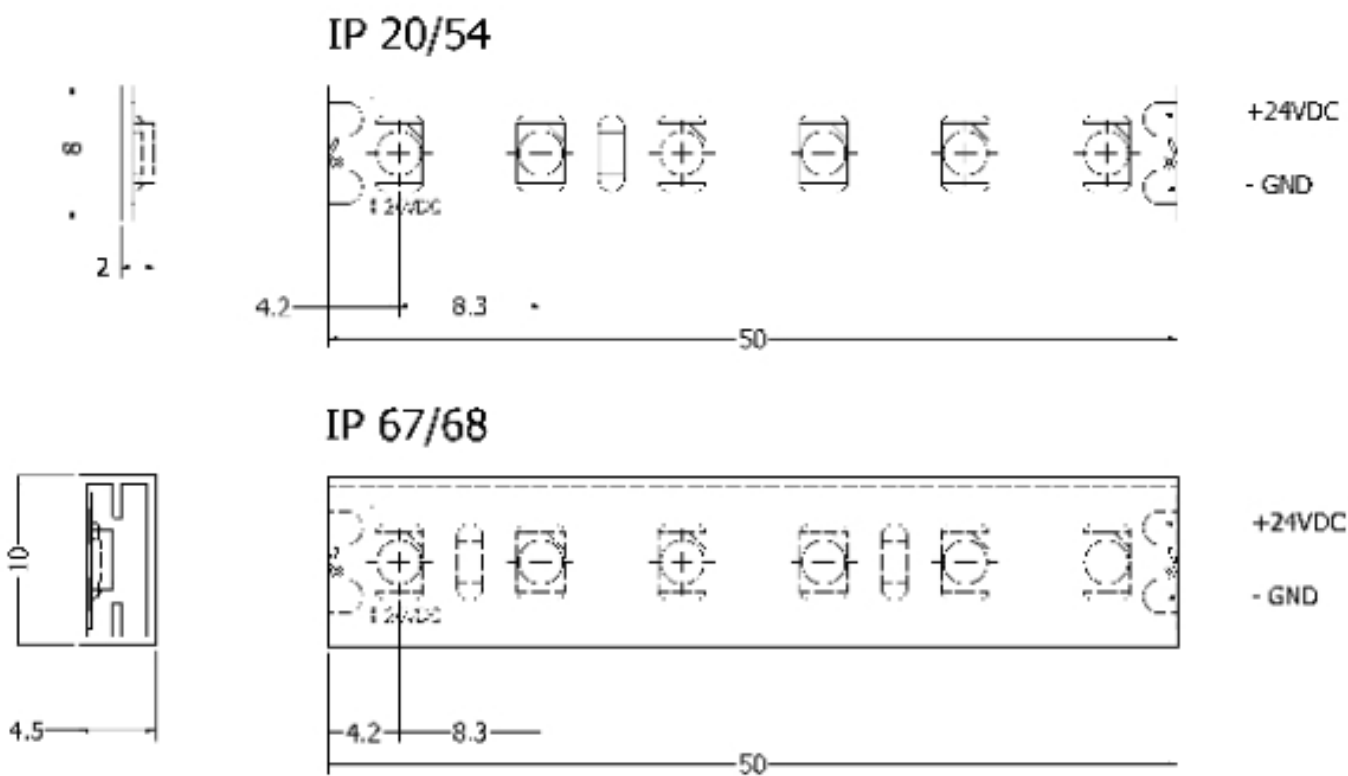
Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 50mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	Blue
Bin/step	3 Step MacAdam ellipse
CRI	0.2
Lifetime	50000hrs @45°
Operating temp.	-20 ~ 45°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	8.23W
Supply voltage	24V DC
Supply current	0.343A
Luminous flux	98.72Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ECO FLEX COLOUR 120
Stated output	98.72lm per metre
Description	Flexible LED Tape, BLUE, 24V, 8.23W/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)	8.23
Input Current (mA DC)	343mA

LIGHT OUTPUT

Total light output (Lumens)	98.72
Luminaire efficacy (lm/W)	12
Beam angle	120°

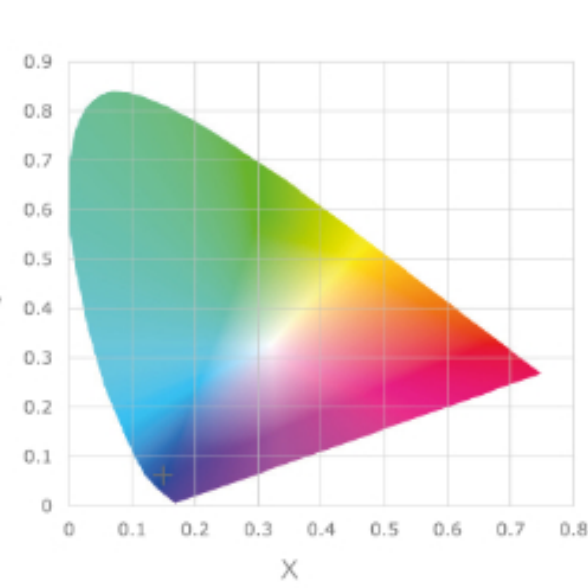
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	100000K
Colour rendering index (CRI, Ra)	0.2
Chromaticity coordinates (CIE 1931 - x,y)	0.1357, 0.0558

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0	0	0	0	2	0	0	0	0	0	0	0	0	0	0

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

