

IP20/54

IP67/68

POWER SUPPLIES

CABLES

PROFILES

CONNECTORS

PCB COLOUR

8.35
W/M

412.9
Lm/M





PRODUCT SPECIFICATION

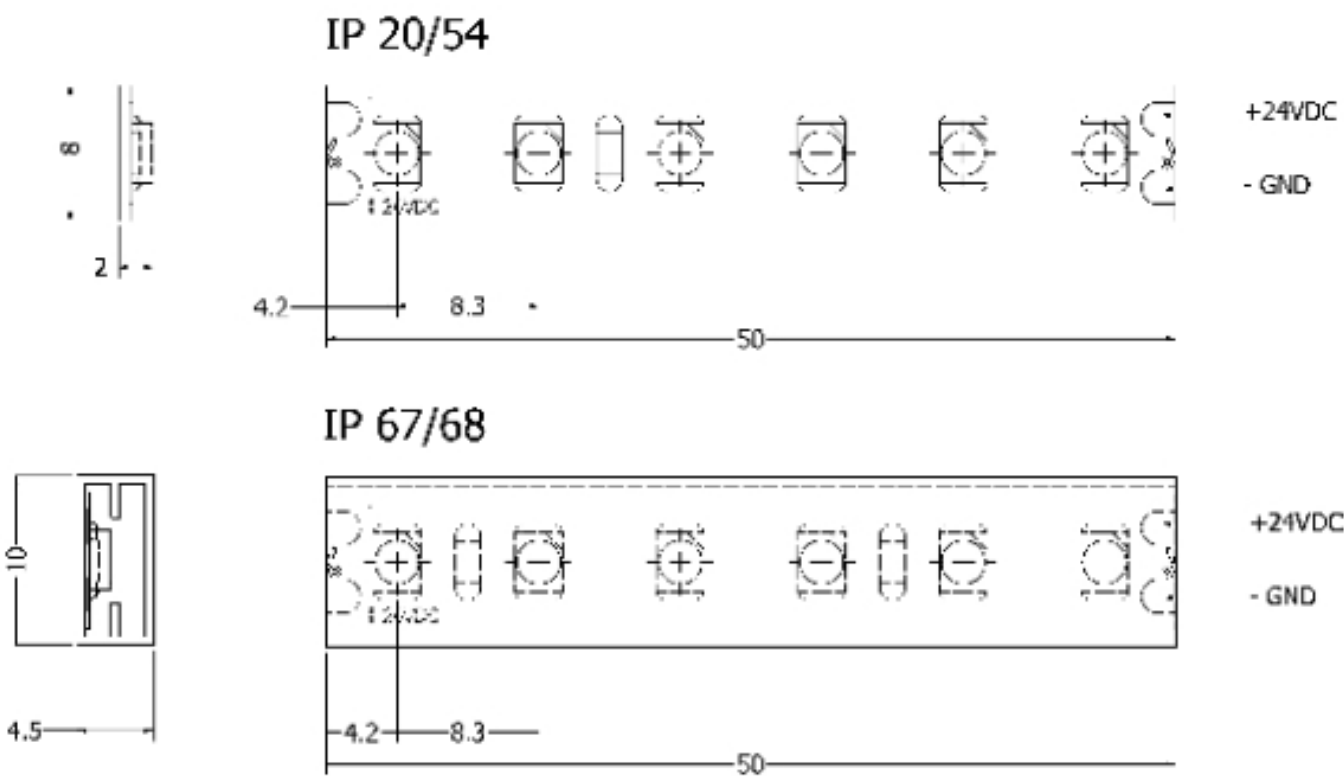
Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 50mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	Green
Bin/step	3 Step MacAdam ellipse
CRI	0
Lifetime	50000hrs @45°
Operating temp.	-20 ~ 45°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm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



PERFORMANCE DATA (for 1000mm)

Power consumption	8.35W
Supply voltage	24V DC
Supply current	0.348A
Luminous flux	412.9Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ECO FLEX COLOUR 120
Stated output	412.9lm per metre
Description	Flexible LED Tape, GREEN, 24V, 8.35W/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)	8.35
Input Current (mA DC)	348mA

LIGHT OUTPUT

Total light output (Lumens)	412.9
Luminaire efficacy (lm/W)	49.45
Beam angle	120°

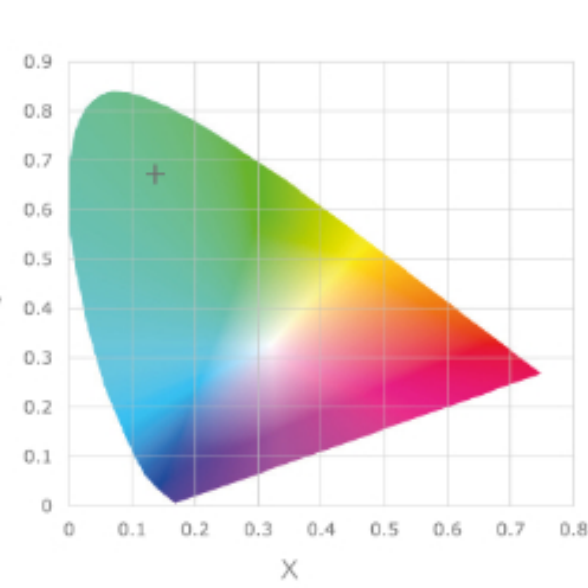
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	8906K
Colour rendering index (CRI, Ra)	0
Chromaticity coordinates (CIE 1931 - x,y)	0.1252, 0.6857

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0	0	0	0	0	0	0	0	0	0	0	0	0	40	0

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

