

IP20/54	IP67/68	POWER SUPPLIES	CABLES	PROFILES	CONNECTORS	PCB COLOUR	9.44 W/m
677.95 Lm/m	CE	ROHS COMPLIANT					

PRODUCT SPECIFICATION

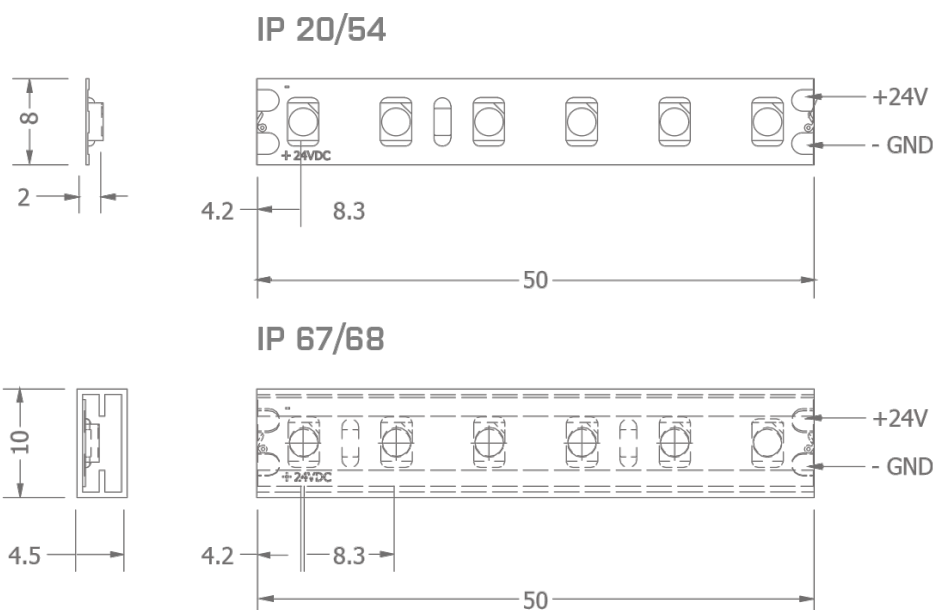
Dimension	L20000/W8mm
PCB increment	Power connection and cut point every 50mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	93.1
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	9.44W
Supply voltage	24V DC
Supply current	0.393A
Luminous flux	677.95Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ECO FLEX 120 EX
Stated output	677.95lm per metre
Description	Flexible LED Tape, 3000K, 24V, 9.44W/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)	9.44
Input Current (mA DC)	393mA

LIGHT OUTPUT

Total light output (Lumens)	677.95
Luminaire efficacy (lm/W)	71.82
Beam angle	120°

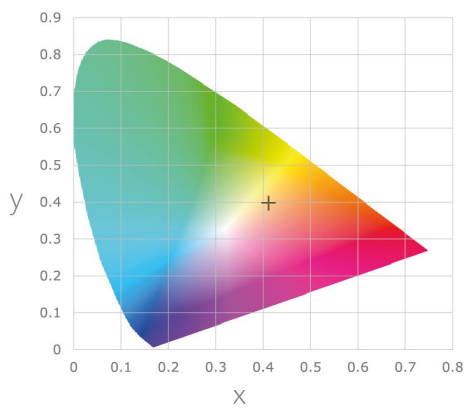
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3096K
Colour rendering index (CRI, Ra)	93.1
Chromaticity coordinates (CIE 1931 - x,y)	0.4286, 0.3981

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94	96	97	93	93	94	93	85	66	90	93	78	94	98	91

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

