

IP20/54	IP67/68	POWER SUPPLIES	CABLES	PROFILES	CONNECTORS	PCB COLOUR	4.97 W/m
357.84 Lm/m	CE	RoHS COMPLIANT					

■ PRODUCT SPECIFICATION

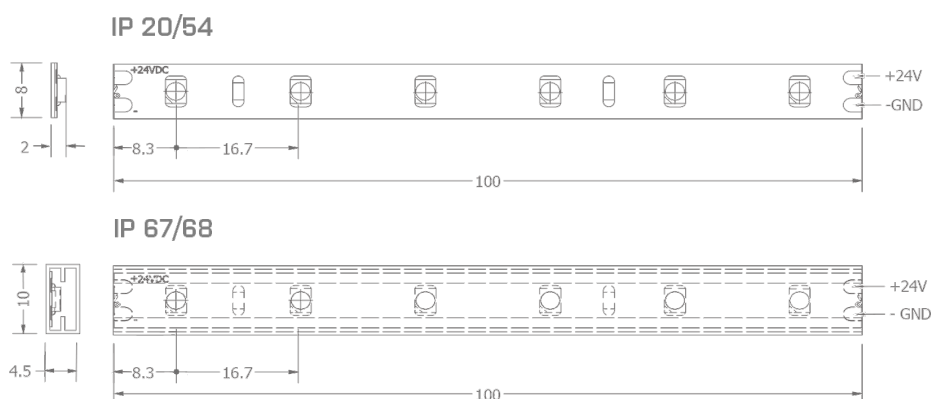
Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 100mm
LED pitch	16.77mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	92.4
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



■ PERFORMANCE DATA (for 1000mm)

Power consumption	4.97W
Supply voltage	24V DC
Supply current	0.207A
Luminous flux	357.84Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ECO FLEX 60
Stated output	357.84lm per metre
Description	Flexible LED Tape, 3000K, 24V, 4.97W/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)	4.97
Input Current (mA DC)	207mA

LIGHT OUTPUT

Total light output (Lumens)	357.84
Luminaire efficacy (lm/W)	72
Beam angle	120°

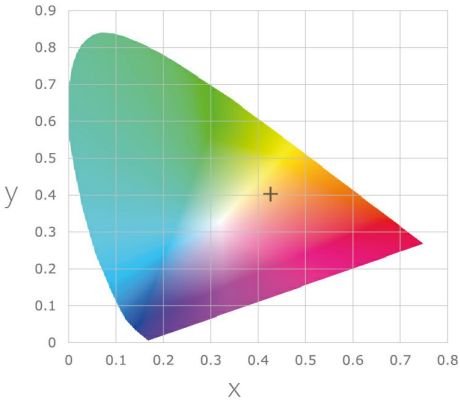
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3097K
Colour rendering index (CRI, Ra)	92.4
Chromaticity coordinates (CIE 1931 - x,y)	0.4307, 0.4027

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93	95	96	93	92	93	94	85	64	87	92	76	93	97	90

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

