

■ PRODUCT SPECIFICATION

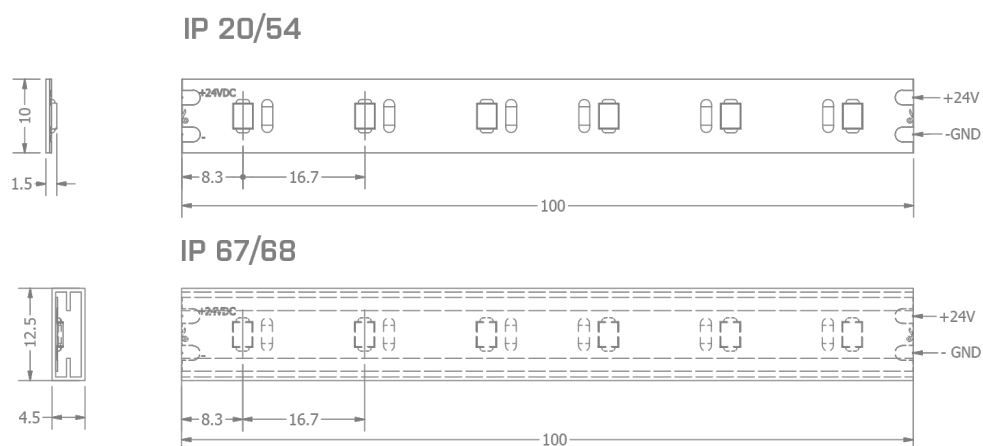
Dimension	L5000/W10mm
PCB increment	Power connection and cut point every 100mm
LED pitch	16.67mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	97.5
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



■ PERFORMANCE DATA (for 1000mm)

Power consumption	13W
Supply voltage	24V DC
Supply current	0.542A
Luminous flux	736.6Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	LUMEN LINE 60
Stated output	736.6lm per metre
Description	Flexible LED Tape, 2300K, 24V, 13W/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)	13
Input Current (mA DC)	542mA

■ LIGHT OUTPUT

Total light output (Lumens)	736.6
Luminaire efficacy (lm/W)	56.66
Beam angle	120°

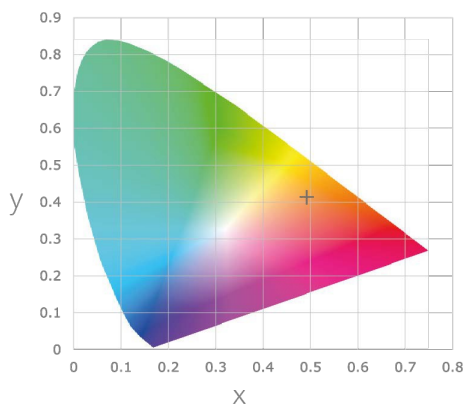
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2317K
Colour rendering index (CRI, Ra)	97.5
Chromaticity coordinates (CIE 1931 - x,y)	0.4992, 0.4229

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99	98	96	98	98	99	97	95	89	99	98	86	99	96	96

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

