

PRODUCT SPECIFICATION

Dimension	L20000/W10mm
PCB increment	Power connection and cut point every 100mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	97.1
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

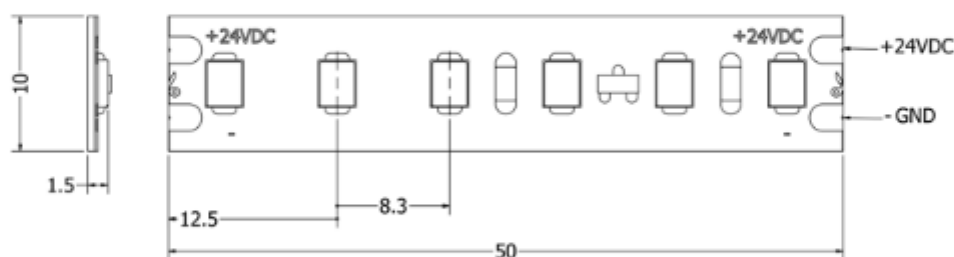


PERFORMANCE DATA (for 1000mm)

Power consumption	23.7W
Supply voltage	24V DC
Supply current	0.988A
Luminous flux	1323Lm/M

TECHNICAL DRAWING

IP 20/54



PRODUCT DETAILS

Product name	LUMEN LINE 120 EX
Stated output	1323lm per metre
Description	Flexible LED Tape, 2100K, 24V, 23.7W/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)	23.7
Input Current (mA DC)	988mA

LIGHT OUTPUT

Total light output (Lumens)	1323
Luminaire efficacy (lm/W)	55.82
Beam angle	120°

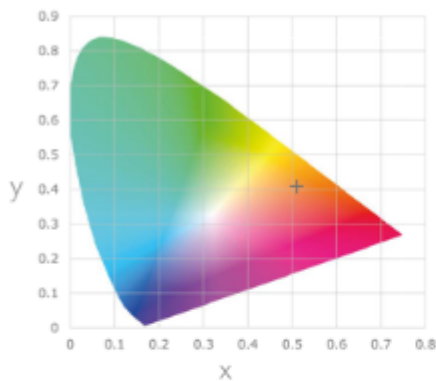
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2104K
Colour rendering index (CRI, Ra)	97.1
Chromaticity coordinates (CIE 1931 - x,y)	0.5149, 0.4137

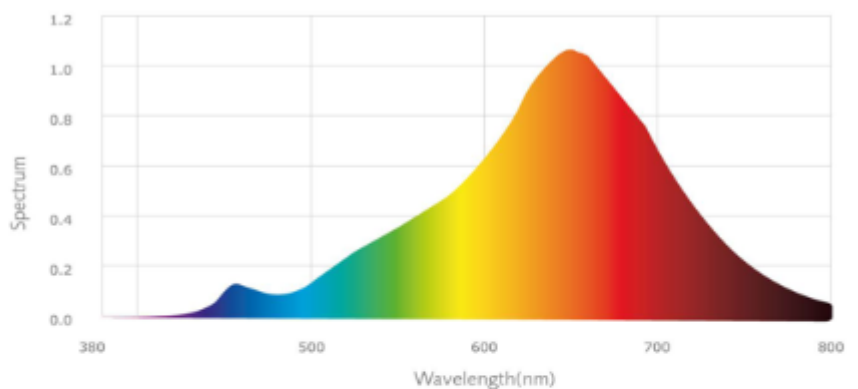
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99	100	98	99	99	97	95	91	81	97	96	93	100	97	95

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





■ PRODUCT SPECIFICATION

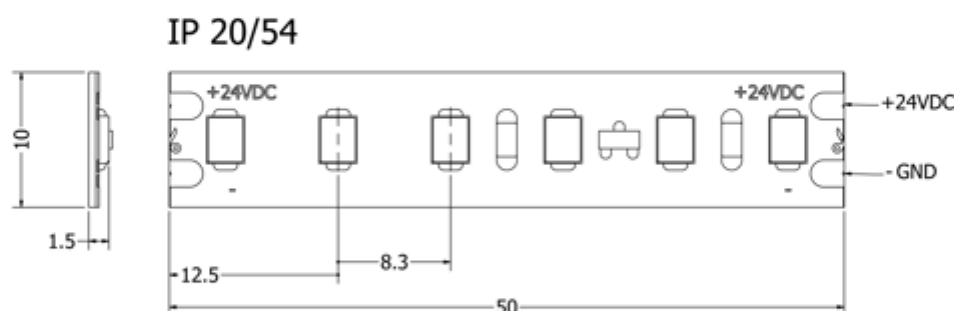
Dimension	L20000/W10mm
PCB increment	Power connection and cut point every 100mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	97.1
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



■ PERFORMANCE DATA (for 1000mm)

Power consumption	23.4W
Supply voltage	24V DC
Supply current	0.975A
Luminous flux	1350lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	LUMEN LINE 120 EX
Stated output	1350lm per metre
Description	Flexible LED Tape, 2300K, 24V, 23.4W/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)	23.4
Input Current (mA DC)	975mA

LIGHT OUTPUT

Total light output (Lumens)	1350
Luminaire efficacy (lm/W)	57.69
Beam angle	120°

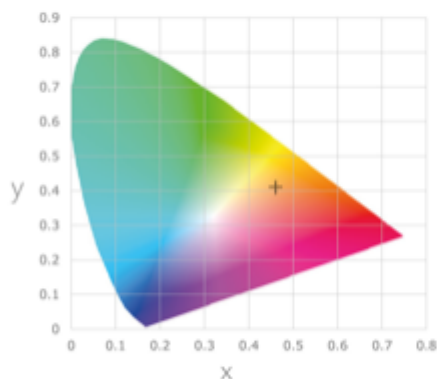
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2293K
Colour rendering index (CRI, Ra)	97.1
Chromaticity coordinates (CIE 1931 - x,y)	0.4601, 0.4103

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99	98	100	98	98	95	95	94	89	98	98	85	98	99	98

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

