



## PRODUCT SPECIFICATION

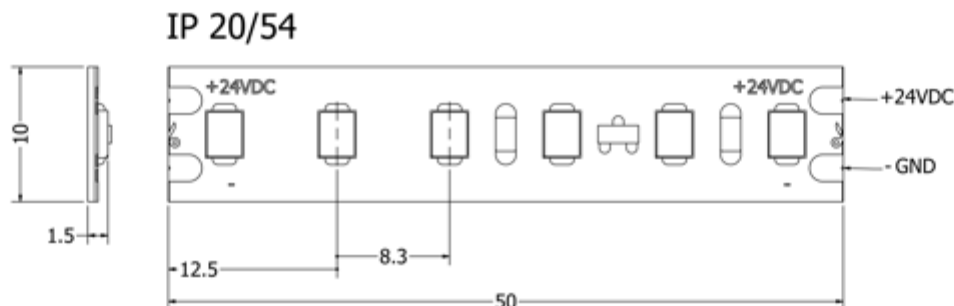
Dimension	L20000/W10mm
PCB increment	Power connection and cut point every 100mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	94.3
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



## PERFORMANCE DATA (for 1000mm)

Power consumption	23.34W
Supply voltage	24V DC
Supply current	0.973A
Luminous flux	1735.9Lm/M

## TECHNICAL DRAWING



## PRODUCT DETAILS

Product name	LUMEN LINE 120 EX
Stated output	1735.9lm per metre
Description	Flexible LED Tape, 4000K, 24V, 23.34W/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)	23.34
Input Current (mA DC)	973mA

## LIGHT OUTPUT

Total light output (Lumens)	1735.9
Luminaire efficacy (lm/W)	74.37
Beam angle	120°

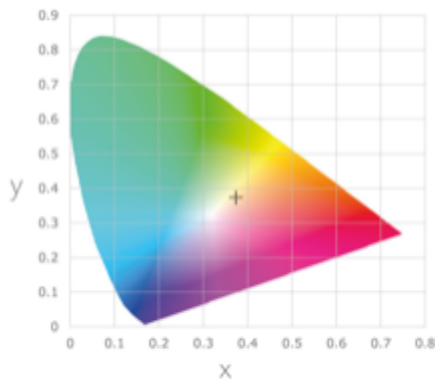
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4122K
Colour rendering index (CRI, Ra)	94.3
Chromaticity coordinates (CIE 1931 - x,y)	0.3749, 0.3721

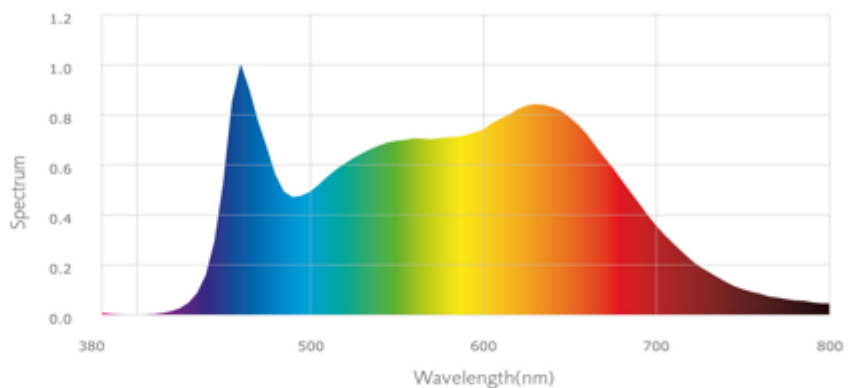
## COLOUR RENDERING INDEX

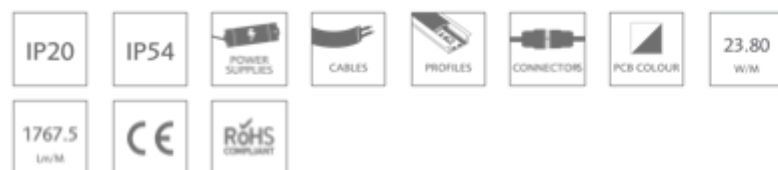
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97	96	97	91	94	95	91	93	95	94	94	72	96	99	94

## CHROMATICITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





## PRODUCT SPECIFICATION

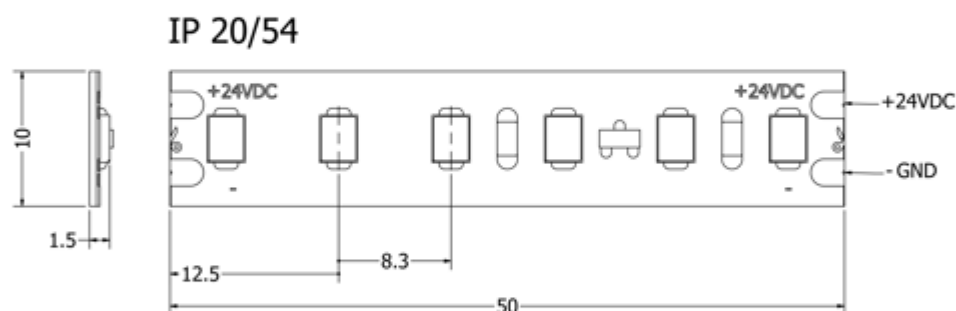
Dimension	L20000/W10mm
PCB increment	Power connection and cut point every 100mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	88.3
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



## PERFORMANCE DATA (for 1000mm)

Power consumption	23.8W
Supply voltage	24V DC
Supply current	0.992A
Luminous flux	1767.5Lm/M

## TECHNICAL DRAWING



## PRODUCT DETAILS

Product name	LUMEN LINE 120 EX
Stated output	1767.5lm per metre
Description	Flexible LED Tape, 6000K, 24V, 23.8W/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)	23.8
Input Current (mA DC)	992mA

## LIGHT OUTPUT

Total light output (Lumens)	1767.5
Luminaire efficacy (lm/W)	74.26
Beam angle	120°

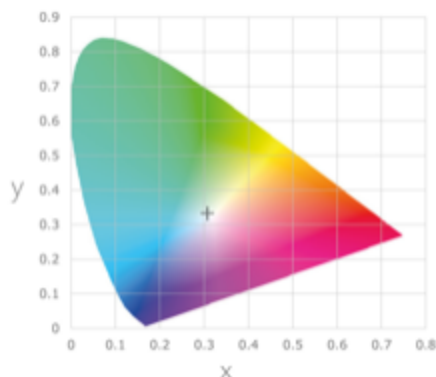
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	6300K
Colour rendering index (CRI, Ra)	88.3
Chromaticity coordinates (CIE 1931 - x,y)	0.3161, 0.3330

## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94	90	90	82	90	91	83	86	82	81	88	68	92	95	88

## CHROMATICITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

