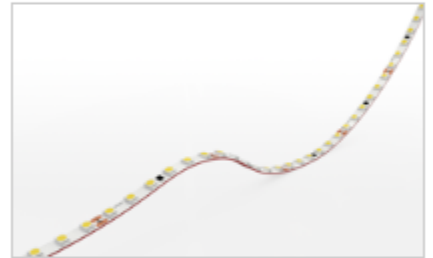


## PRODUCT SPECIFICATION

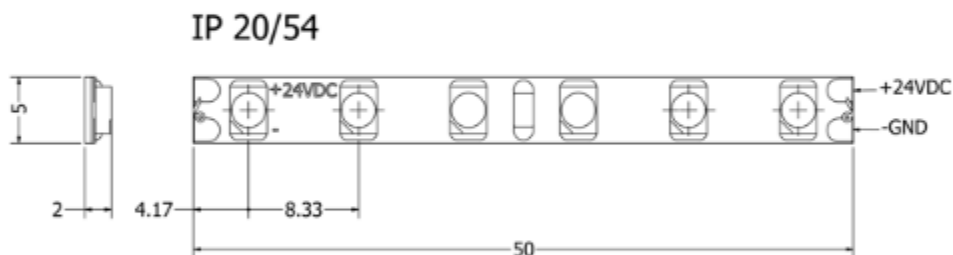
Dimension	L5000/W5mm
PCB increment	Power connection and cut point every 50mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	94.7
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP0.0000812928819
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



## PERFORMANCE DATA (for 1000mm)

Power consumption	9.27W
Supply voltage	24V DC
Supply current	0.386A
Luminous flux	572.4lm/M

## TECHNICAL DRAWING



## PRODUCT DETAILS

Product name	ECO FLEX 120 SL
Stated output	572.4lm per metre
Description	Flexible LED Tape, 2400K, 24V, 9.27W/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)	9.27
Input Current (mA DC)	386mA

## LIGHT OUTPUT

Total light output (Lumens)	572.4
Luminaire efficacy (lm/W)	61.75
Beam angle	120°

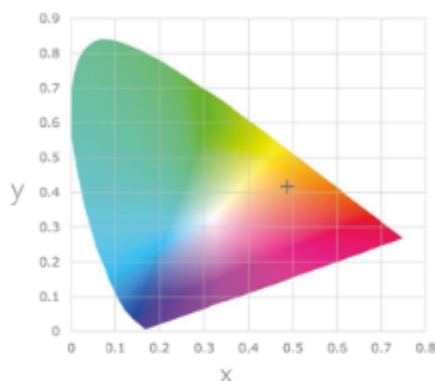
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2350K
Colour rendering index (CRI, Ra)	94.7
Chromaticity coordinates (CIE 1931 - x,y)	0.4926, 0.4156

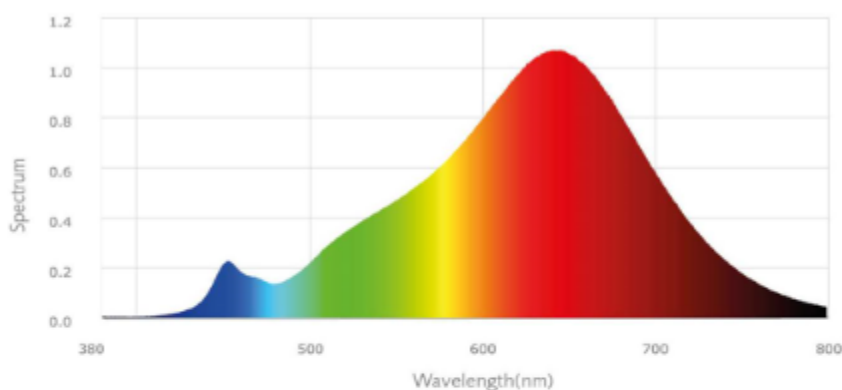
## COLOUR RENDERING INDEX

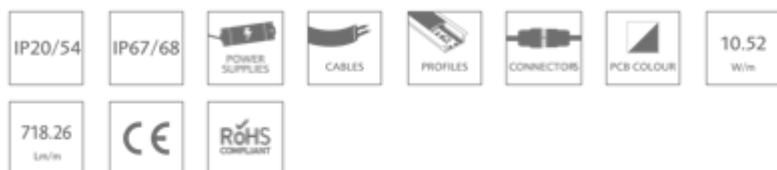
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95	98	99	95	95	98	93	85	68	94	97	89	96	98	91

## CHROMATICITY DIAGRAM



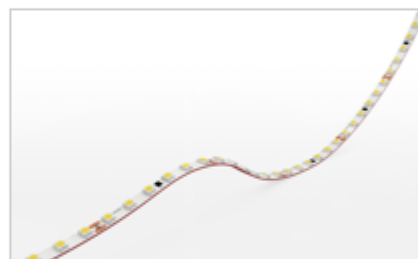
## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





## PRODUCT SPECIFICATION

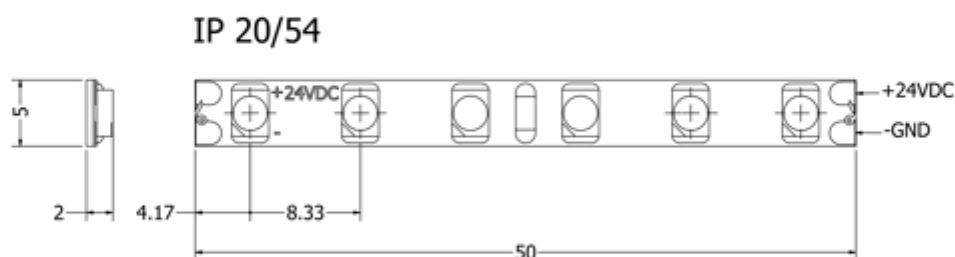
Dimension	L5000/W5mm
PCB increment	Power connection and cut point every 50mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	92.5
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP0.0000812928819
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



## PERFORMANCE DATA (for 1000mm)

Power consumption	10.52W
Supply voltage	24V DC
Supply current	0.438A
Luminous flux	718.26Lm/M

## TECHNICAL DRAWING



## PRODUCT DETAILS

Product name	ECO FLEX 120 SL
Stated output	718.26lm per metre
Description	Flexible LED Tape, 2700K, 24V, 10.52W/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)	10.52
Input Current (mA DC)	438mA

## LIGHT OUTPUT

Total light output (Lumens)	718.26
Luminaire efficacy (lm/W)	68.28
Beam angle	120°

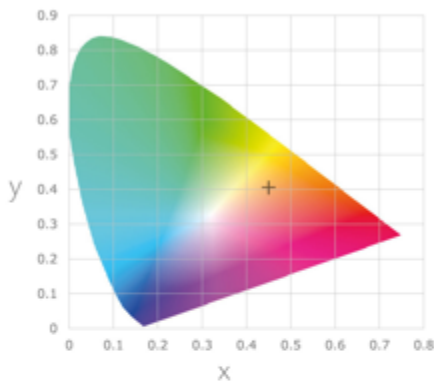
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2751K
Colour rendering index (CRI, Ra)	92.5
Chromaticity coordinates (CIE 1931 - x,y)	0.4551, 0.4084

## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
93	97	99	91	92	97	91	80	58	93	92	82	94	99	89

## CHROMATICITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

