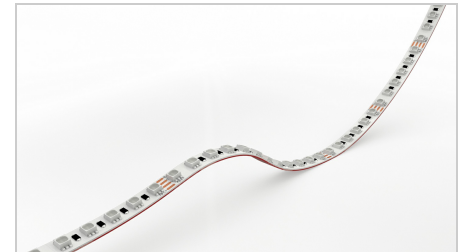


## ■ PRODUCT SPECIFICATION

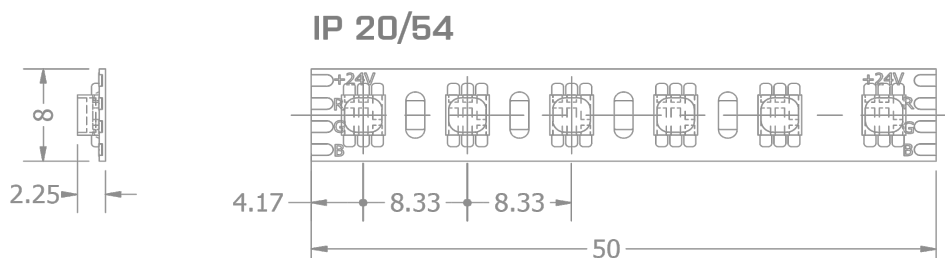
Dimension	L1000/W8mm
PCB increment	Power connection and cut point every 50mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	RGB
Bin/step	3 Step MacAdam ellipse
CRI	68.2
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54/65
Mounting	3M adhesive tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



## ■ PERFORMANCE DATA (for 1000mm)

Power consumption	14.81W
Supply voltage	24V DC
Supply current	0.617A
Luminous flux	582.93Lm/M

## TECHNICAL DRAWING



## ■ PRODUCT DETAILS

Product name	RGB 120 ULTRA BRIGHT SL
Stated output	582.93lm per metre
Description	Flexible LED Tape, , 24V, 14.81W/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)	14.81
Input Current (mA DC)	617mA

## ■ LIGHT OUTPUT

Total light output (Lumens)	582.93
Luminaire efficacy (lm/W)	39.36
Beam angle	120°

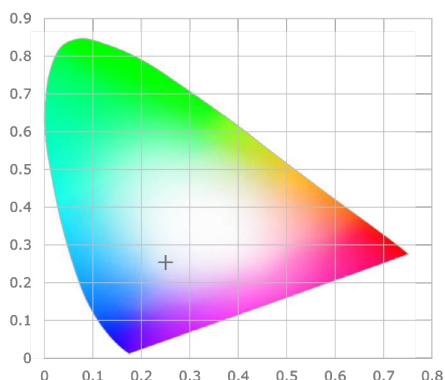
## ■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	19224K
Colour rendering index (CRI, Ra)	68.2
Chromaticity coordinates (CIE 1931 - x,y)	0.2242, 0.2932

## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
81	69	73	62	91	69	56	45	-68	38	73	65	63	85	57

## CHROMATICITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

