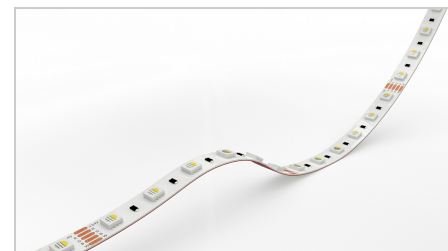


IP20	IP67	POWER SUPPLIES	CABLES	PROFILES	CONNECTORS	PCB COLOUR	13 W/M
508.6 Lm/M	CE	ROHS COMPLIANT					

## PRODUCT SPECIFICATION

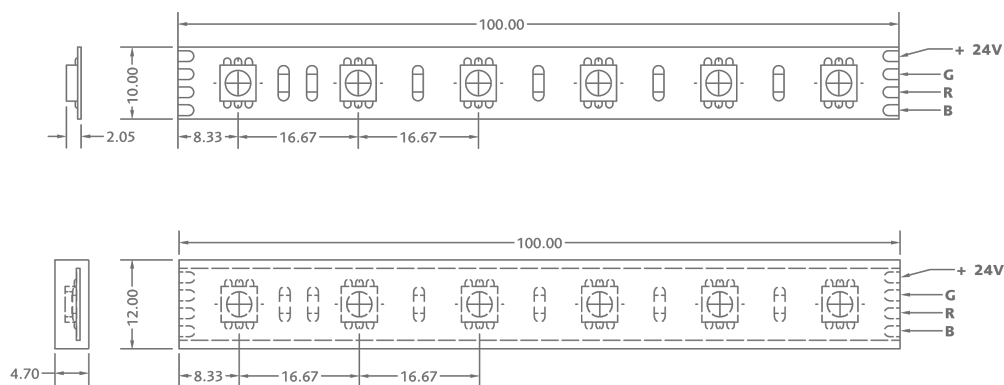
Dimension	L5000/W10mm
PCB increment	Power connection and cut point every 100mm
LED pitch	16.67mm
Chip	Epistar
Beam angle	120°
Colours	RGB
Bin/step	3 Step MacAdam ellipse
CRI	48.2
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/67
Mounting	3M adhesive tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



## PERFORMANCE DATA (for 1000mm)

Power consumption	13W
Supply voltage	24V DC
Supply current	0.542A
Luminous flux	508.6Lm/M

## TECHNICAL DRAWING



## ■ PRODUCT DETAILS

Product name	RGB 60 ULTRA BRIGHT
Stated output	508.6lm per metre
Description	Flexible LED Tape, , 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)	508.6
Luminaire efficacy (lm/W)	39.12
Beam angle	120°

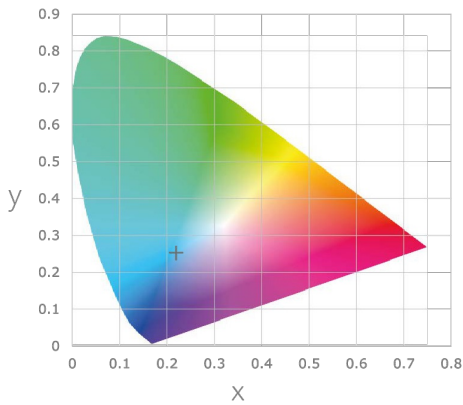
## ■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	32725K
Colour rendering index (CRI, Ra)	48.2
Chromaticity coordinates (CIE 1931 - x,y)	0.2232, 0.2696

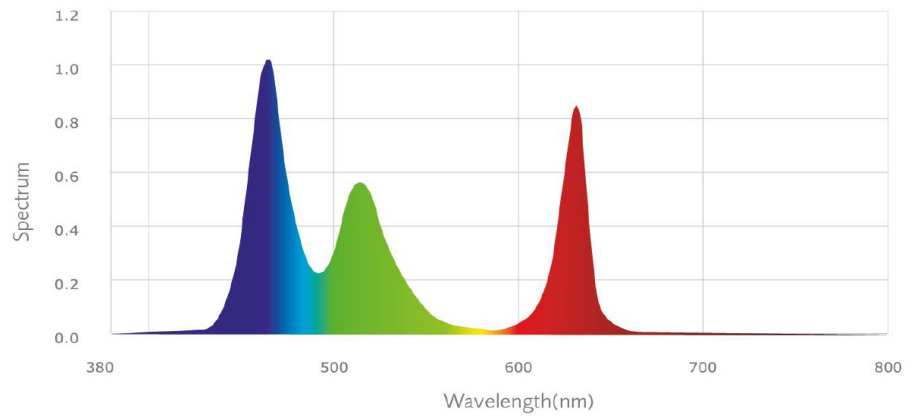
## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
49	54	48	63	66	48	49	9	-19	-20	64	64	44	68	29

## CHROMATICITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



## ■ PRODUCT DETAILS

Product name	RGB 60 ULTRA BRIGHT
Stated output	108.7lm per metre
Description	Flexible LED Tape, RED, 24V, 4.27W/m
Quantity/length of product tested	1 x 1000
Bin tolerance/#. MacAdams ellipse of chip	-

## ■ ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (WDC)	4.27
Input Current (mA DC)	178mA

## ■ LIGHT OUTPUT

Total light output (Lumens)	108.7
Luminaire efficacy (lm/W)	25.46
Beam angle	120°

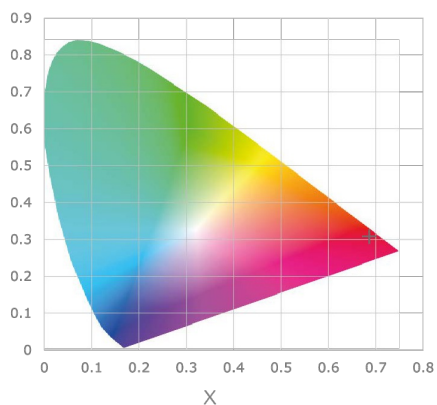
## ■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	1000K
Colour rendering index (CRI, Ra)	15.3
Chromaticity coordinates (CIE 1931 - x,y)	0.6965, 0.3032

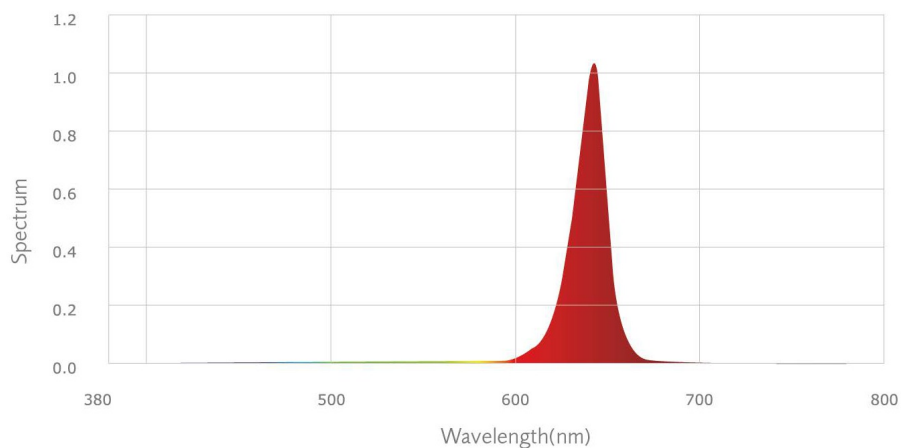
## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
-51	42	31	-53	-20	59	-3	-91	-30	25	-74	23	-32	52	-73

## CHROMATICITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



## ■ PRODUCT DETAILS

Product name	RGB 60 ULTRA BRIGHT
Stated output	71.7lm per metre
Description	Flexible LED Tape, GREEN, 24V, 4.9W/m
Quantity/length of product tested	1 x 1000
Bin tolerance/#. MacAdams ellipse of chip	-

## ■ ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (WDC)	4.9
Input Current (mA DC)	204mA

## ■ LIGHT OUTPUT

Total light output (Lumens)	71.7
Luminaire efficacy (lm/W)	14.63
Beam angle	120°

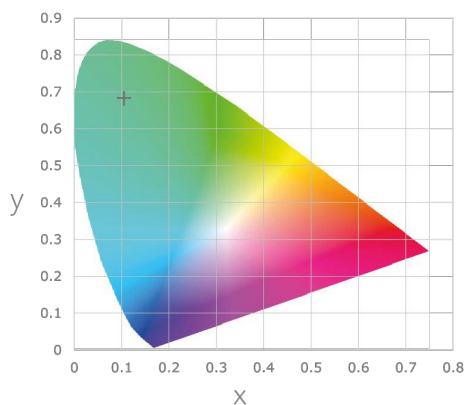
## ■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	9062K
Colour rendering index (CRI, Ra)	-24.9
Chromaticity coordinates (CIE 1931 - x,y)	0.1143, 0.6969

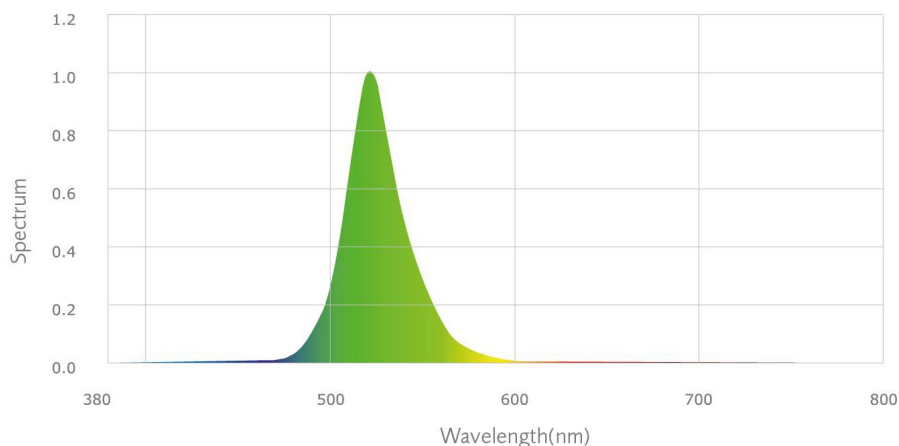
## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
-37	-12	-31	-68	-11	-16	1	-24	-33	-11	-94	-32	-46	34	-31

## CHROMATICITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



## ■ PRODUCT DETAILS

Product name	RGB 60 ULTRA BRIGHT
Stated output	19.67lm per metre
Description	Flexible LED Tape, BLUE, 24V, 4.6W/m
Quantity/length of product tested	1 x 1000
Bin tolerance/#. MacAdams ellipse of chip	-

## ■ ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (WDC)	4.6
Input Current (mA DC)	192mA

## ■ LIGHT OUTPUT

Total light output (Lumens)	19.67
Luminaire efficacy (lm/W)	4.28
Beam angle	120°

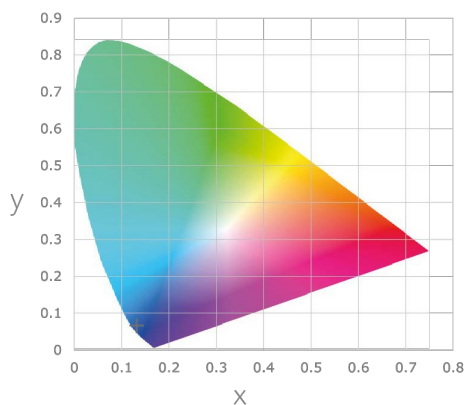
## ■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	100000K
Colour rendering index (CRI, Ra)	19.7
Chromaticity coordinates (CIE 1931 - x,y)	0.1292, 0.0694

## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
-19	-40	-12	-77	-10	-61	-39	-29	-29	-22	-11	-10	-35	-25	2

## CHROMATICITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

