

## ■ PRODUCT SPECIFICATION

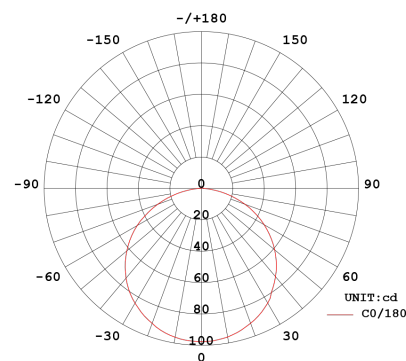
Dimension	H17/W16mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	11.90mm
Chip	Epistar
Beam angle	160°
Colours	RGB
Bin/step	-
CRI	38.9
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP68
Mounting	Self-locking aluminium profile
Minimum bend radius	150mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

## ■ PERFORMANCE DATA (for 1000mm)

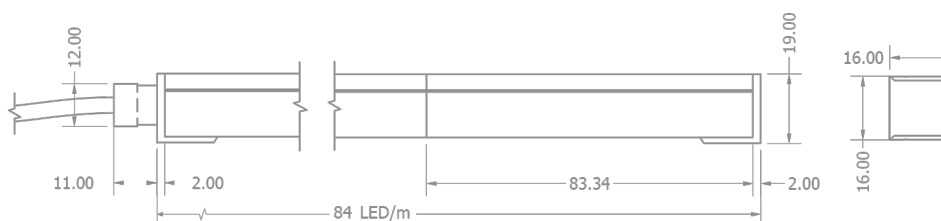
Power consumption	11.35W
Supply voltage	24V DC
Supply current	0.473A
Luminous flux	377.47Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## TECHNICAL DRAWING



## PRODUCT DETAILS

Product name	ULTIMO TOP VIEW RGB
Stated output	377.47lm per metre
Description	Flexible LED Neon, , 24V, 11.35W/m
Quantity/length of product tested	1 x 1000mm
Bin tolerance/#. MacAdams ellipse of chip	-

## ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (WDC)	11.35
Input Current (mA DC)	473mA

## LIGHT OUTPUT

Total light output (Lumens)	377.47
Luminaire efficacy (lm/W)	33.26
Beam angle	160°

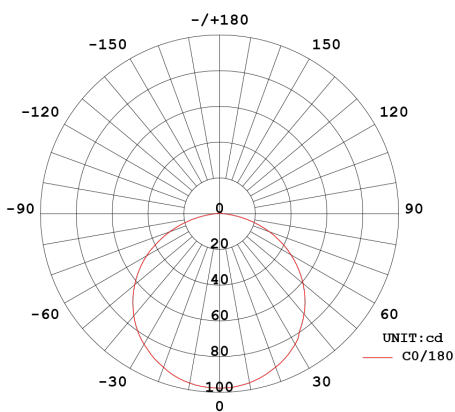
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	10029K
Colour rendering index (CRI, Ra)	38.9
Chromaticity coordinates (CIE 1931 - x,y)	0.2760, 0.2967

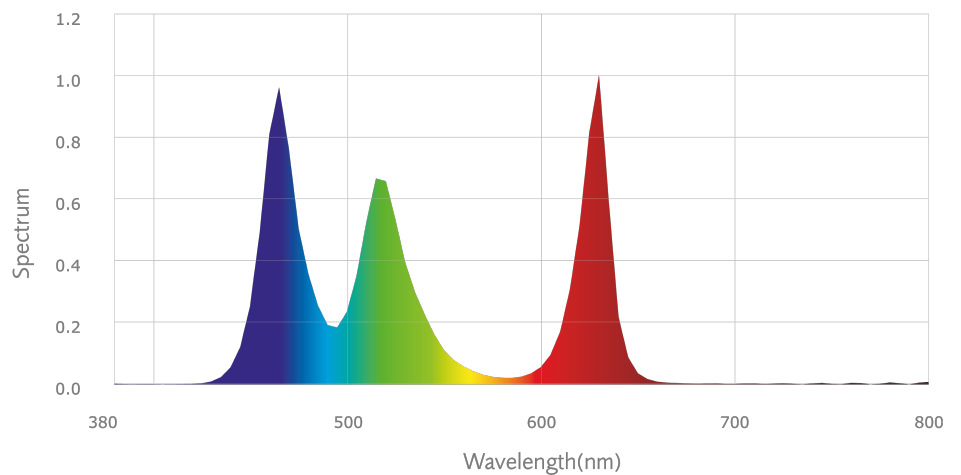
## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
19	56	72	35	40	46	53	0	0	0	19	6	26	79	6

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



## PRODUCT DETAILS

Product name	ULTIMO TOP VIEW RGB
Stated output	73.37lm per metre
Description	Flexible LED Neon, RED, 24V, 3.84W/m
Quantity/length of product tested	1 x 1000mm
Bin tolerance/#. MacAdams ellipse of chip	-

## ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (W DC)	3.84
Input Current (mA DC)	160mA

## LIGHT OUTPUT

Total light output (Lumens)	73.37
Luminaire efficacy (lm/W)	19.11
Beam angle	160°

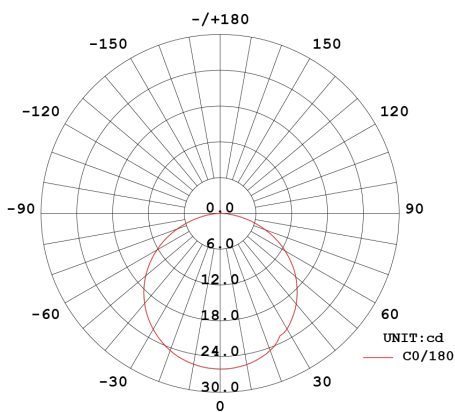
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	1001K
Colour rendering index (CRI, Ra)	13.1
Chromaticity coordinates (CIE 1931 - x,y)	0.6912, 0.3084

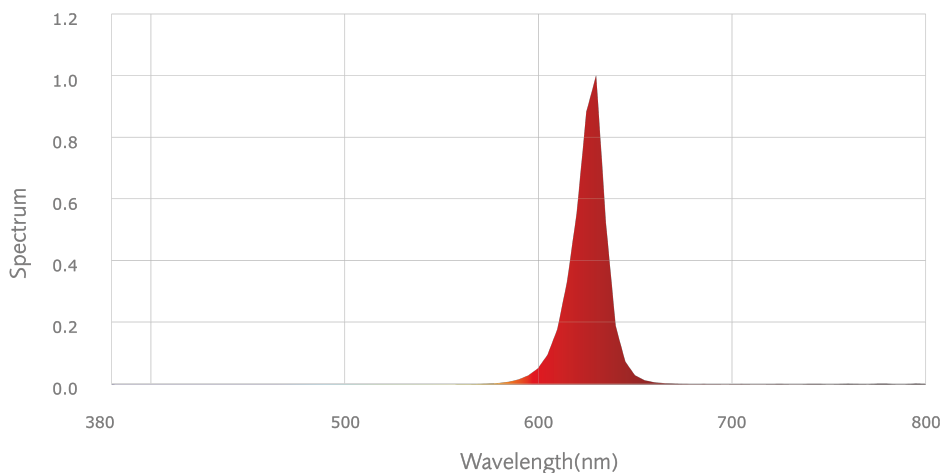
## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
6	78	29	0	0	90	4	0	0	71	0	79	29	59	0

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



## PRODUCT DETAILS

Product name	ULTIMO TOP VIEW RGB
Stated output	271.56lm per metre
Description	Flexible LED Neon, GREEN, 24V, 3.91W/m
Quantity/length of product tested	1 x 1000mm
Bin tolerance/#. MacAdams ellipse of chip	-

## ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (W DC)	3.91
Input Current (mA DC)	163mA

## LIGHT OUTPUT

Total light output (Lumens)	271.56
Luminaire efficacy (lm/W)	69.45
Beam angle	160°

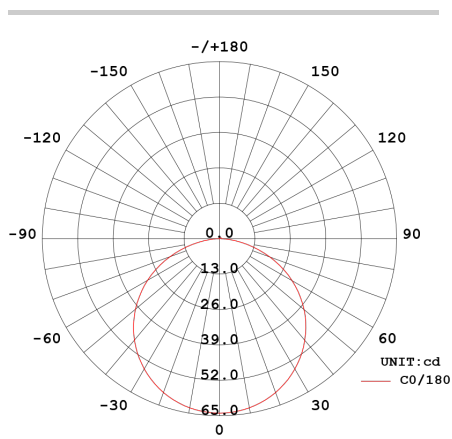
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	8145K
Colour rendering index (CRI, Ra)	0.0
Chromaticity coordinates (CIE 1931 - x,y)	0.1465, 0.7375

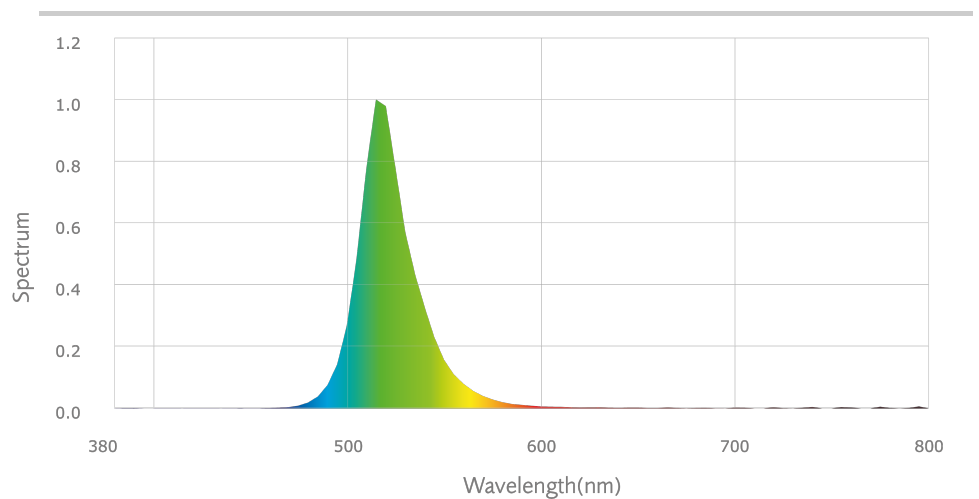
## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0	0	0	0	0	0	0	0	0	0	0	0	0	32	0

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



## ■ PRODUCT DETAILS

Product name	ULTIMO TOP VIEW RGB
Stated output	40.25lm per metre
Description	Flexible LED Neon, BLUE, 24V, 3.84W/m
Quantity/length of product tested	1 x 1000mm
Bin tolerance/#. MacAdams ellipse of chip	-

## ■ ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (WDC)	3.84
Input Current (mA DC)	160mA

## ■ LIGHT OUTPUT

Total light output (Lumens)	40.25
Luminaire efficacy (lm/W)	10.48
Beam angle	160°

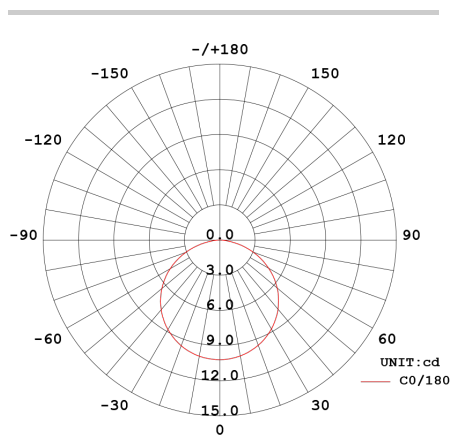
## ■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	100000K
Colour rendering index (CRI, Ra)	0.0
Chromaticity coordinates (CIE 1931 - x,y)	0.1354, 0.0668

## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0	0	0	0	15	0	0	0	0	0	0	0	0	0	9

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

