

■ PRODUCT SPECIFICATION

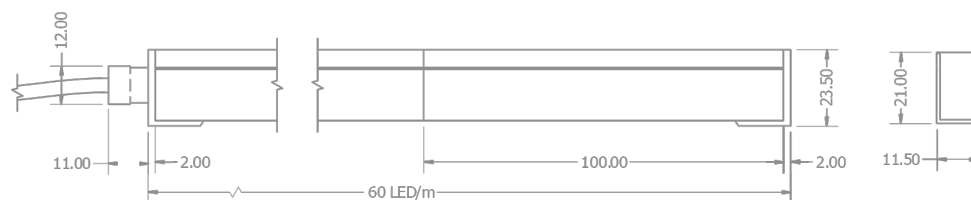
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.33mm
LED pitch	17.80mm
Chip	SMD
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	80.4
Lifetime	50000hrs@45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Self-locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



■ PERFORMANCE DATA (for 1000mm)

Power consumption	5W
Supply voltage	24V DC
Supply current	0.208A
Luminous flux	160.2Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	MAXI NEON RGB
Stated output	160.2lm per metre
Description	Flexible LED Neon, , 24V, 5W/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)	5
Input Current (mA DC)	208mA

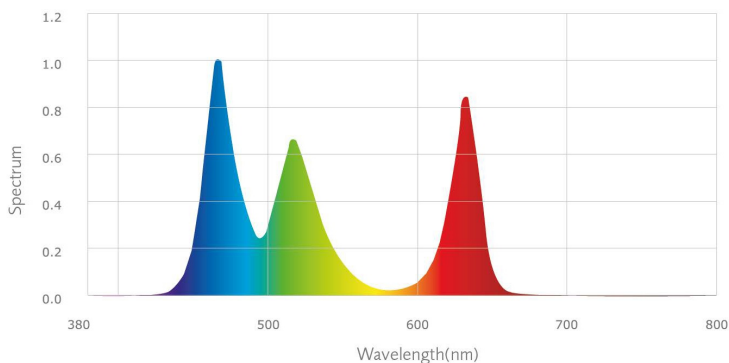
■ LIGHT OUTPUT

Total light output (Lumens)	160.2
Luminaire efficacy (lm/W)	32.04
Beam angle	160°

■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	10911K
Colour rendering index (CRI, Ra)	80.4
Chromaticity coordinates (CIE 1931 - x,y)	0.2628, 0.3055

SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



■ PRODUCT DETAILS

Product name	MAXI NEON RGB
Stated output	34.3lm per metre
Description	Flexible LED Neon, RED, 24V, 8.6W/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)	8.6
Input Current (mA DC)	358mA

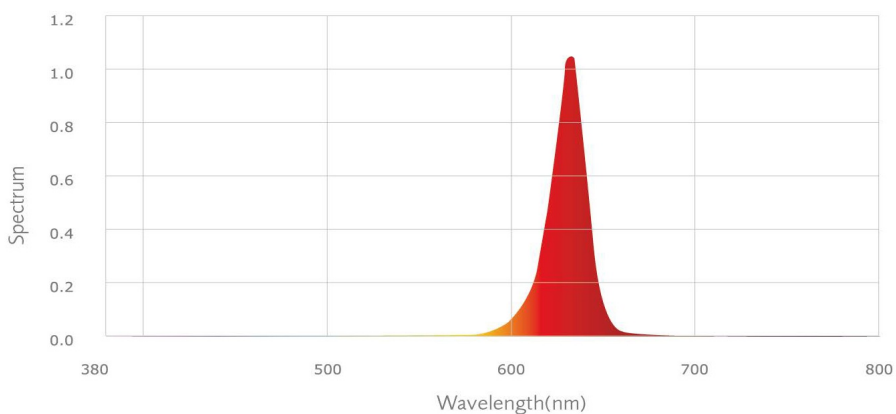
■ LIGHT OUTPUT

Total light output (Lumens)	34.3
Luminaire efficacy (lm/W)	3.99
Beam angle	120°

■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	1001K
Colour rendering index (CRI, Ra)	15.3
Chromaticity coordinates (CIE 1931 - x,y)	0.6953, 0.3040

SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



PRODUCT DETAILS

Product name	MAXI NEON RGB
Stated output	34.3lm per metre
Description	Flexible LED Neon, GREEN, 24V, 3.7W/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)	3.7
Input Current (mA DC)	154mA

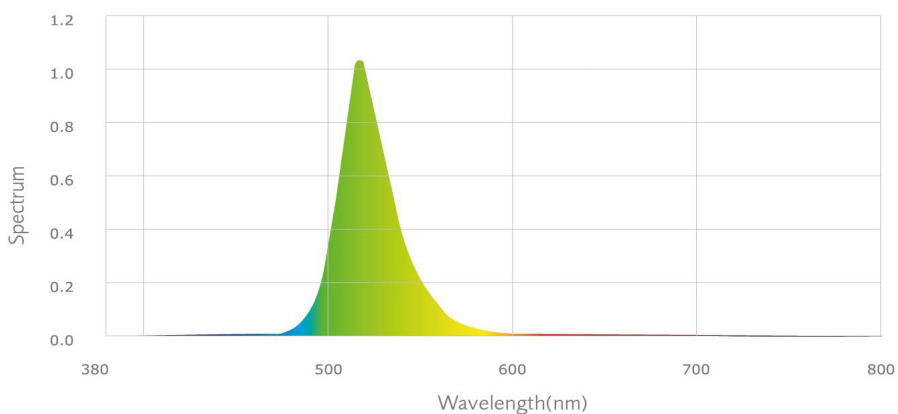
LIGHT OUTPUT

Total light output (Lumens)	34.3
Luminaire efficacy (lm/W)	9.27
Beam angle	120°

COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	7915K
Colour rendering index (CRI, Ra)	-24.8
Chromaticity coordinates (CIE 1931 - x,y)	0.2628, 0.3055

SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



■ PRODUCT DETAILS

Product name	MAXI NEON RGB
Stated output	19lm per metre
Description	Flexible LED Neon, BLUE, 24V, 3.5W/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)	3.5
Input Current (mA DC)	146mA

■ LIGHT OUTPUT

Total light output (Lumens)	19
Luminaire efficacy (lm/W)	5.43
Beam angle	120°

■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	100000K
Colour rendering index (CRI, Ra)	-52.8
Chromaticity coordinates (CIE 1931 - x,y)	0.1265, 0.0791

SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

