

## ■ PRODUCT SPECIFICATION

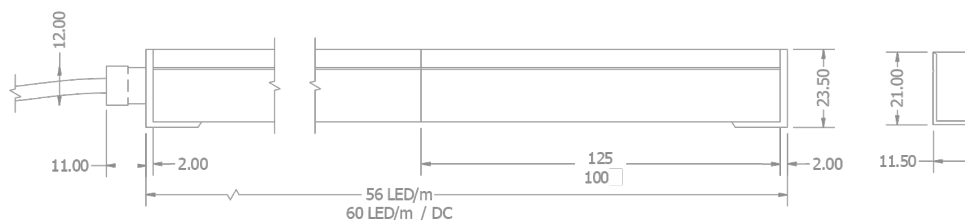
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 125mm
LED pitch	17.88mm
Chip	SMD
Beam angle	160°
Colours	RGB + Neutral White
Bin/step	3 Step MacAdam ellipse
CRI	48.8
Lifetime	50000hrs@45o°
Operating temp.	0 - 50° C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	120mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



## ■ PERFORMANCE DATA (for 1000mm)

Power consumption	11.3W
Supply voltage	24V DC
Supply current	0.471A
Luminous flux	219.2Lm/M

## TECHNICAL DRAWING



## ■ PRODUCT DETAILS

Product name	MAXI NEON PIXEL
Stated output	219.2lm per metre
Description	Flexible LED Neon, RGBW 4000K, 24V, 11.3W/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)	11.3
Input Current (mA DC)	471mA

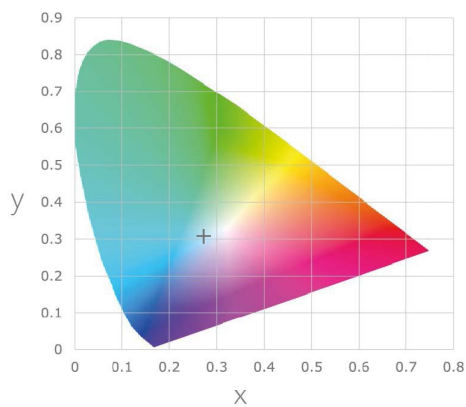
## ■ LIGHT OUTPUT

Total light output (Lumens)	219.2
Luminaire efficacy (lm/W)	19.4
Beam angle	160°

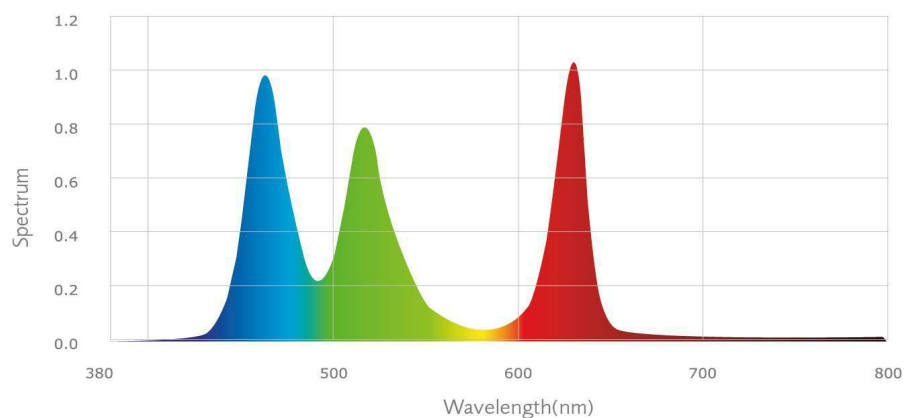
## ■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	9418K
Colour rendering index (CRI, Ra)	48.8
Chromaticity coordinates (CIE 1931 - x,y)	0.2758, 0.3102

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



## ■ PRODUCT DETAILS

Product name	MAXI NEON PIXEL
Stated output	53.2lm per metre
Description	Flexible LED Neon, RED, 24V, 3.6W/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)	3.6
Input Current (mA DC)	150mA

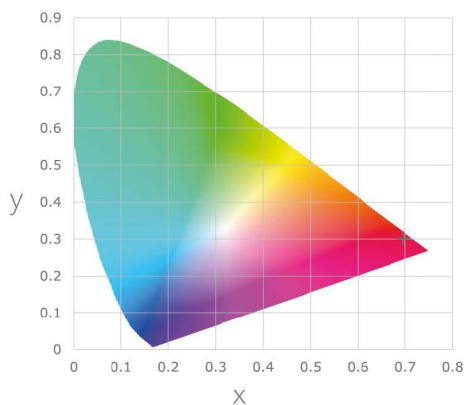
## ■ LIGHT OUTPUT

Total light output (Lumens)	53.2
Luminaire efficacy (lm/W)	14.78
Beam angle	160°

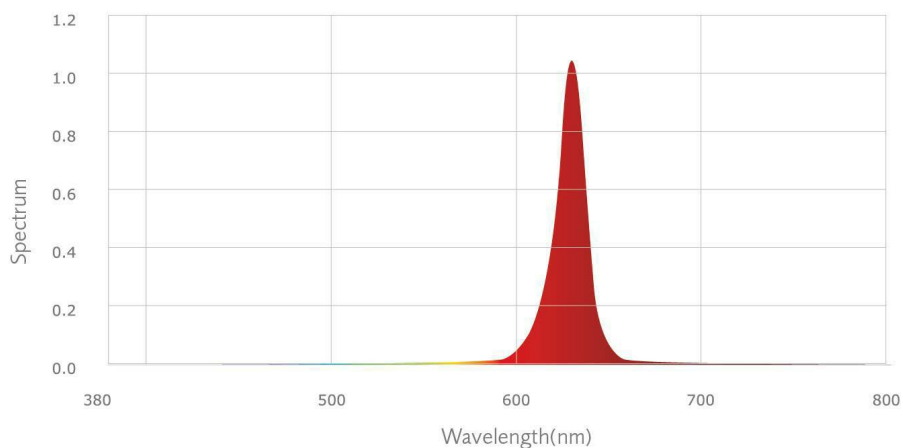
## ■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	1001K
Colour rendering index (CRI, Ra)	13.8
Chromaticity coordinates (CIE 1931 - x,y)	0.6943, 0.3054

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



## PRODUCT DETAILS

Product name	MAXI NEON PIXEL
Stated output	143.7lm per metre
Description	Flexible LED Neon, GREEN, 24V, 3.9W/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)	3.9
Input Current (mA DC)	160mA

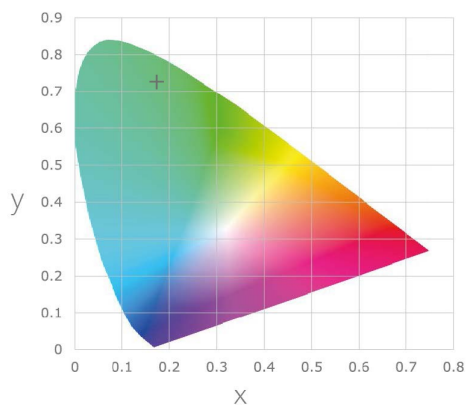
## LIGHT OUTPUT

Total light output (Lumens)	143.7
Luminaire efficacy (lm/W)	36.85
Beam angle	160°

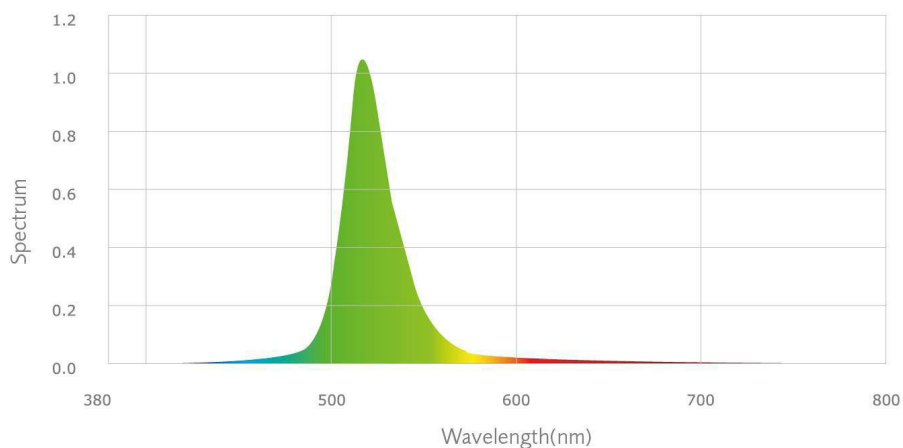
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	7791K
Colour rendering index (CRI, Ra)	0.0
Chromaticity coordinates (CIE 1931 - x,y)	0.1664, 0.7340

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



## PRODUCT DETAILS

Product name	MAXI NEON PIXEL
Stated output	29.5lm per metre
Description	Flexible LED Neon, BLUE, 24V, 3.9W/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)	3.9
Input Current (mA DC)	160mA

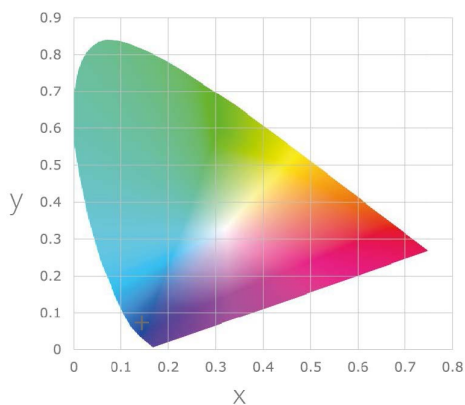
## LIGHT OUTPUT

Total light output (Lumens)	29.5
Luminaire efficacy (lm/W)	7.56
Beam angle	160°

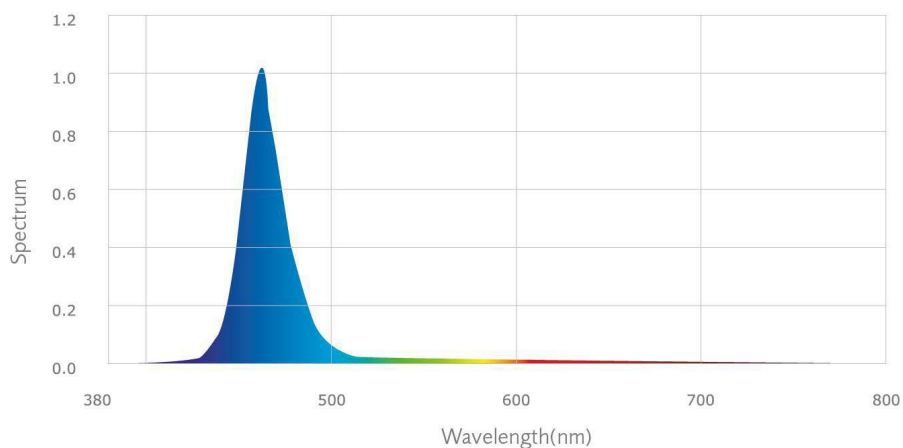
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	100000K
Colour rendering index (CRI, Ra)	0.0
Chromaticity coordinates (CIE 1931 - x,y)	0.1473, 0.0889

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



## ■ PRODUCT DETAILS

Product name	MAXI NEON PIXEL
Stated output	146.6lm per metre
Description	Flexible LED Neon, WHITE, 24V, 3.8W/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)	3.8
Input Current (mA DC)	160mA

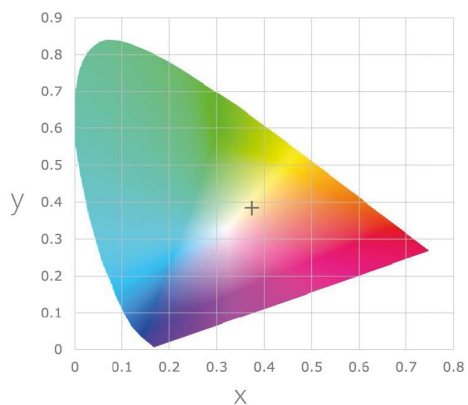
## ■ LIGHT OUTPUT

Total light output (Lumens)	146.6
Luminaire efficacy (lm/W)	38.58
Beam angle	160°

## ■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2864K
Colour rendering index (CRI, Ra)	70.7
Chromaticity coordinates (CIE 1931 - x,y)	0.3798, 0.3903

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

