

## PRODUCT SPECIFICATION

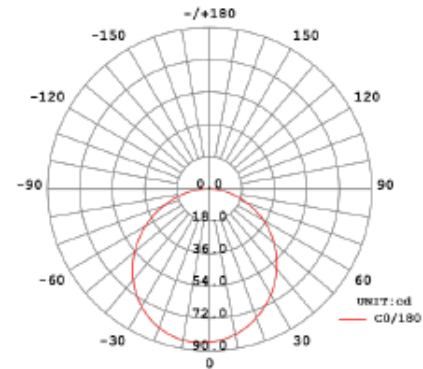
Dimension	H21/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	SMD
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	82.5
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP68
Mounting	Self-locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

## PERFORMANCE DATA (for 1000mm)

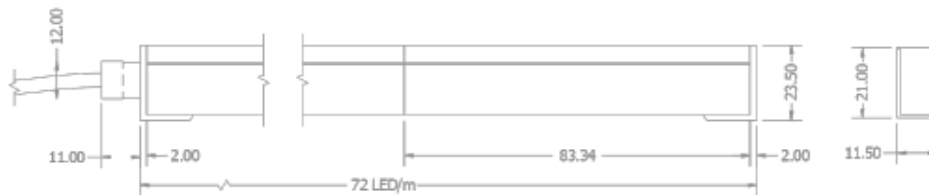
Power consumption	10.99W
Supply voltage	24V DC
Supply current	0.458A
Luminous flux	398.62Lm/M



## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## TECHNICAL DRAWING



## ■ PRODUCT DETAILS

Product name	MAXI NEON
Stated output	398.62lm per metre
Description	Flexible LED Neon, 3500K, 24V, 10.99W/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 (W DC)	10.99
Input Current (mA DC)	458mA

## ■ LIGHT OUTPUT

Total light output (Lumens)	398.62
Luminaire efficacy (lm/W)	36.27
Beam angle	160°

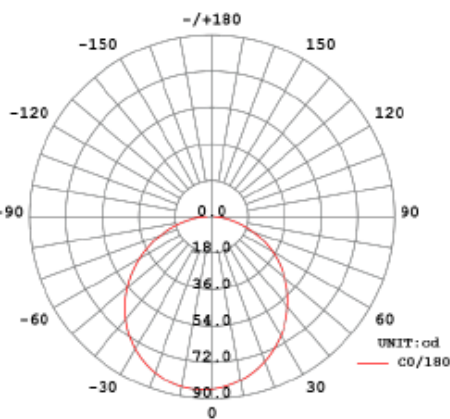
## ■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3485K
Colour rendering index (CRI, Ra)	82.5
Chromaticity coordinates (CIE 1931 - x,y)	0.4097, 0.4005

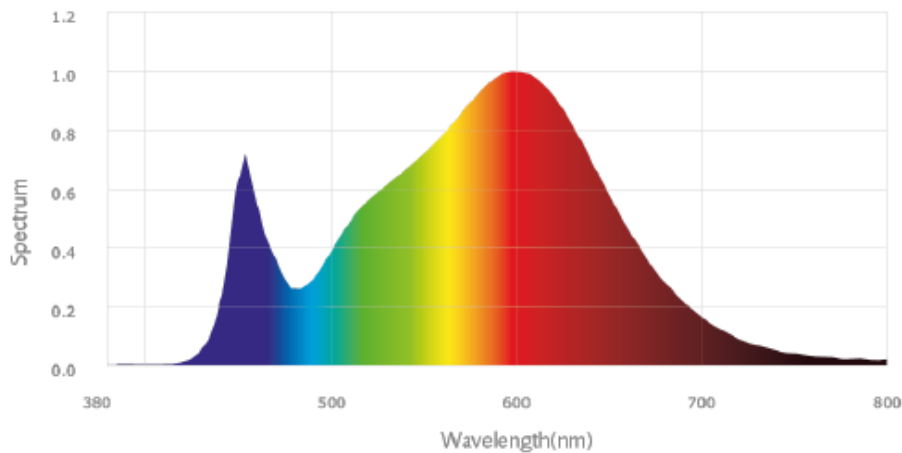
## COLOUR RENDERING INDEX

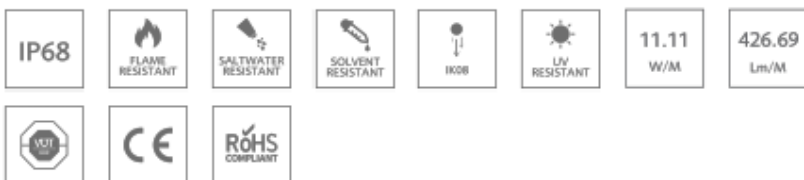
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
80	89	97	81	80	86	86	62	6	75	79	64	82	98	73

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



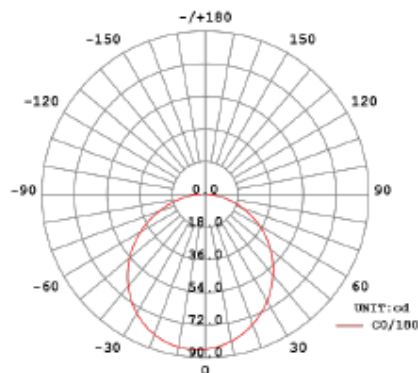


## PRODUCT SPECIFICATION

Dimension	H21/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	SMD
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	82.0
Lifetime	50000hrs @45°
Operating temp.	0 - 50°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



## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## PERFORMANCE DATA (for 1000mm)

Power consumption	11.11W
Supply voltage	24V DC
Supply current	0.463A
Luminous flux	426.69Lm/M

## TECHNICAL DRAWING



## PRODUCT DETAILS

Product name	MAXI NEON
Stated output	426.69lm per metre
Description	Flexible LED Neon, 4000K, 24V, 11.11W/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 (W DC)	11.11
Input Current (mA DC)	463mA

## LIGHT OUTPUT

Total light output (Lumens)	426.69
Luminaire efficacy (lm/W)	38.41
Beam angle	160°

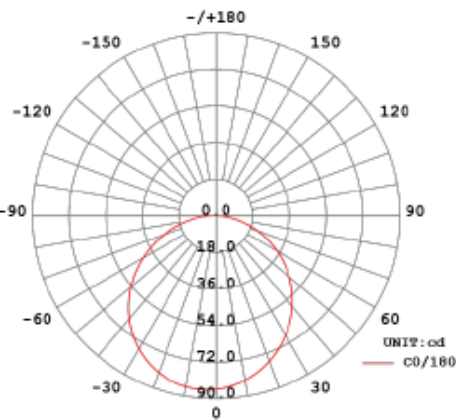
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4460K
Colour rendering index (CRI, Ra)	82.0
Chromaticity coordinates (CIE 1931 - x,y)	0.3653, 0.3814

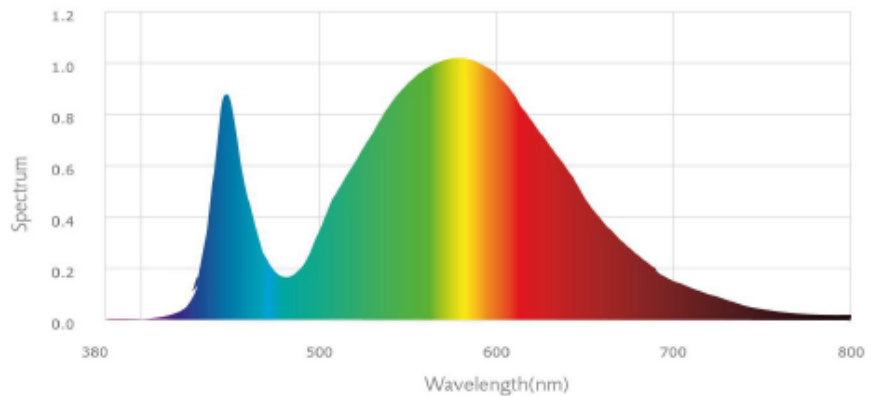
## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
79	88	95	80	79	83	87	64	1	71	79	55	81	97	72

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





## ■ PRODUCT SPECIFICATION

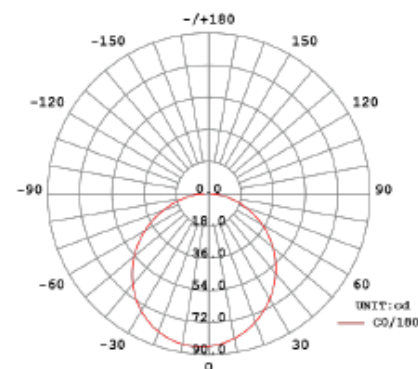
Dimension	H21/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	SMD
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	82.0
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP68
Mounting	Self-locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

## ■ PERFORMANCE DATA (for 1000mm)

Power consumption	11.18W
Supply voltage	24V DC
Supply current	0.466A
Luminous flux	429.03Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## TECHNICAL DRAWING



## PRODUCT DETAILS

Product name	MAXI NEON
Stated output	429.03lm per metre
Description	Flexible LED Neon, 4500K, 24V, 11.18W/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 (W DC)	11.18
Input Current (mA DC)	466mA

## LIGHT OUTPUT

Total light output (Lumens)	429.03
Luminaire efficacy (lm/W)	38.37
Beam angle	160°

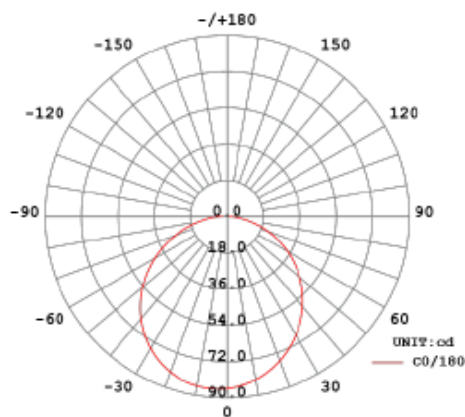
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4462K
Colour rendering index (CRI, Ra)	82.0
Chromaticity coordinates (CIE 1931 - x,y)	0.3652, 0.3813

## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
79	88	95	80	79	83	87	64	1	71	79	56	81	97	72

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

