

■ PRODUCT SPECIFICATION

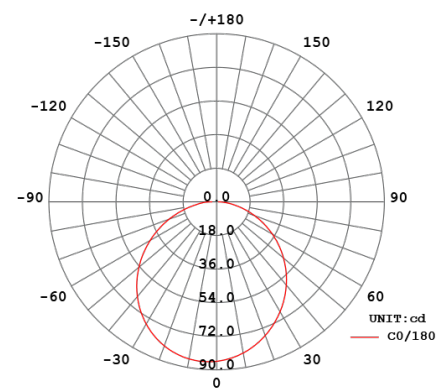
Dimension	H21/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	SMD
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	0.0
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP68
Mounting	Self-locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

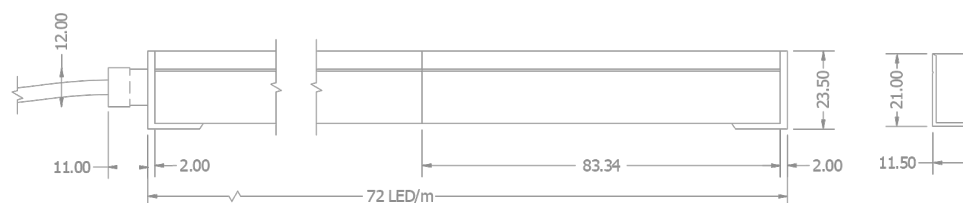
Power consumption	11.23W
Supply voltage	24V DC
Supply current	0.468A
Luminous flux	64.21Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MAXI NEON
Stated output	64.21lm per metre
Description	Flexible LED Neon, BLUE, 24V, 11.23W/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)	11.23
Input Current (mA DC)	468mA

LIGHT OUTPUT

Total light output (Lumens)	64.21
Luminaire efficacy (lm/W)	5.72
Beam angle	160°

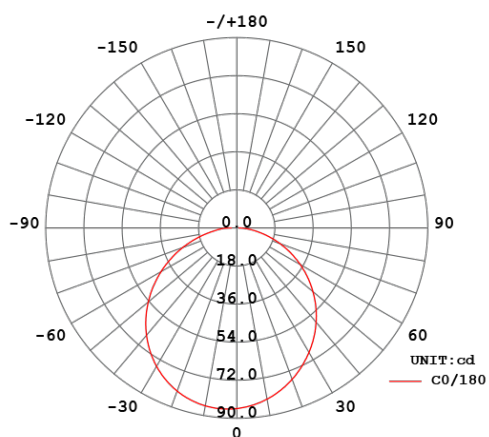
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	100000K
Colour rendering index (CRI, Ra)	0.0
Chromaticity coordinates (CIE 1931 - x,y)	0.1361, 0.0586

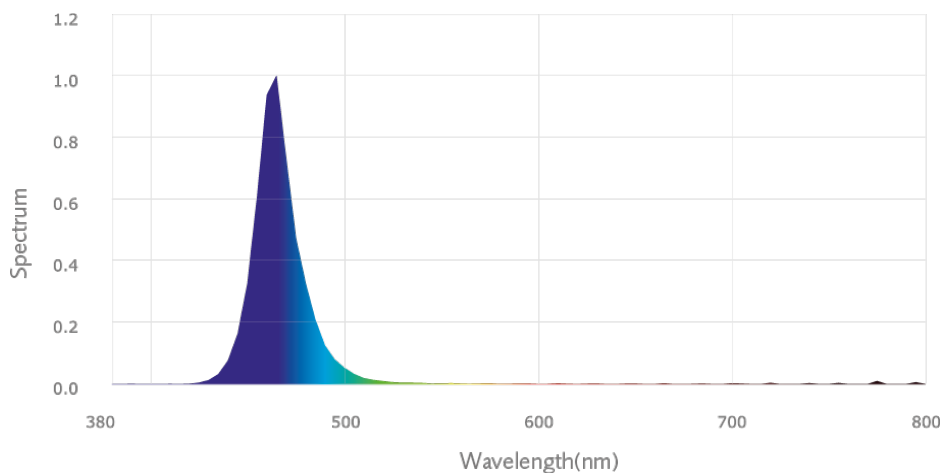
COLOUR RENDERING INDEX

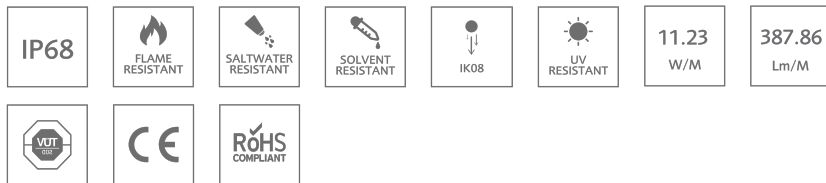
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0	0	0	0	7	0	0	0	0	0	0	0	0	0	3

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





■ PRODUCT SPECIFICATION

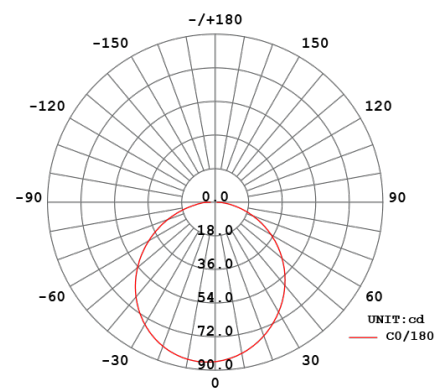
Dimension	H21/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	SMD
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	0.0
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP68
Mounting	Self-locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

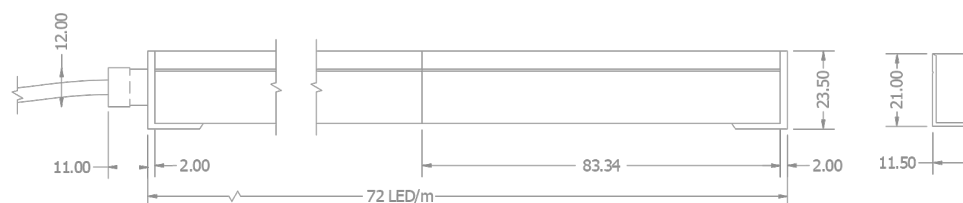
Power consumption	11.23W
Supply voltage	24V DC
Supply current	0.468A
Luminous flux	387.86Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MAXI NEON
Stated output	387.86lm per metre
Description	Flexible LED Neon, GREEN, 24V, 11.23W/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)	11.23
Input Current (mA DC)	468mA

LIGHT OUTPUT

Total light output (Lumens)	387.86
Luminaire efficacy (lm/W)	34.54
Beam angle	160°

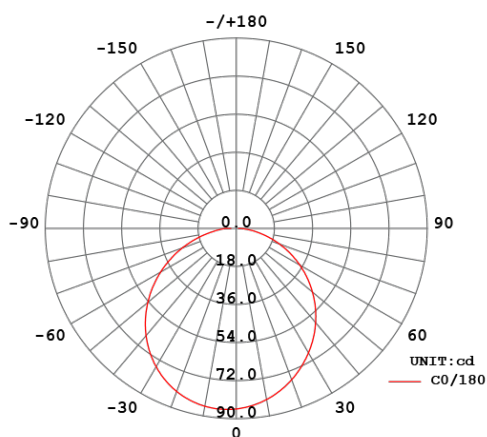
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	8211K
Colour rendering index (CRI, Ra)	0.0
Chromaticity coordinates (CIE 1931 - x,y)	0.1441, 0.7332

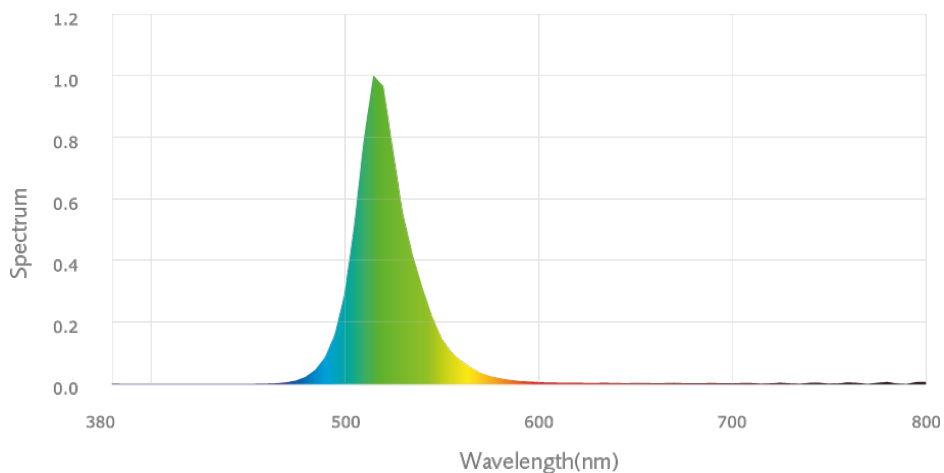
COLOUR RENDERING INDEX

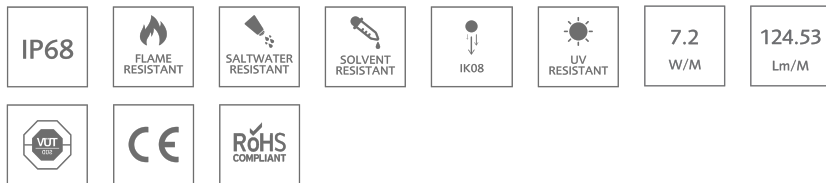
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
0	0	0	0	0	0	0	0	0	0	0	0	0	33	0

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





■ PRODUCT SPECIFICATION

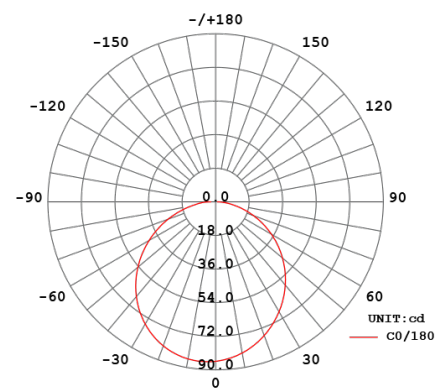
Dimension	H21/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	SMD
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	15.4
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP68
Mounting	Self-locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

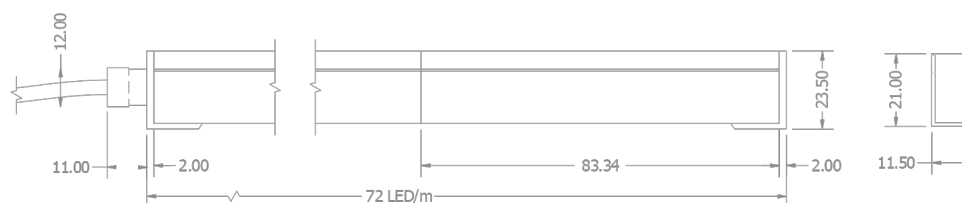
Power consumption	7.2W
Supply voltage	24V DC
Supply current	0.3A
Luminous flux	124.53Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MAXI NEON
Stated output	124.53lm per metre
Description	Flexible LED Neon, RED, 24V, 7.2W/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)	7.2
Input Current (mA DC)	300mA

LIGHT OUTPUT

Total light output (Lumens)	124.53
Luminaire efficacy (lm/W)	17.3
Beam angle	160°

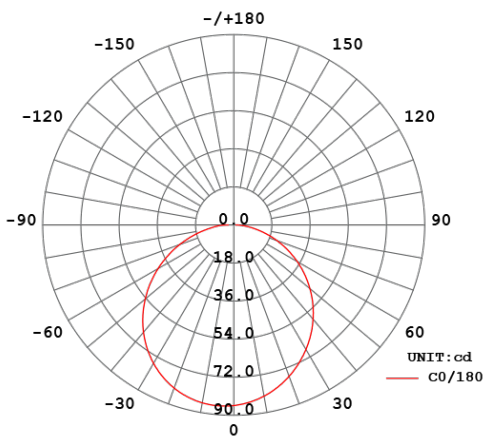
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	1001K
Colour rendering index (CRI, Ra)	15.4
Chromaticity coordinates (CIE 1931 - x,y)	0.6939, 0.3058

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
7	78	32	0	2	89	8	0	0	71	0	79	30	60	0

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

