

IP68	FLAME RESISTANT	SALTWATER RESISTANT	SOLVENT RESISTANT	IK08	UV RESISTANT	10.92 W/M	390.37 Lm/M
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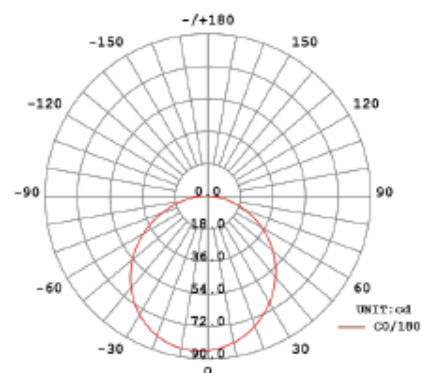


PRODUCT SPECIFICATION

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	82.2
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	10.92W
Supply voltage	24V DC
Supply current	0.455A
Luminous flux	390.37Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MAXI NEON
Stated output	390.37lm per metre
Description	Flexible LED Neon, 5000K, 24V, 10.92W/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)	10.92
Input Current (mA DC)	455mA

LIGHT OUTPUT

Total light output (Lumens)	390.37
Luminaire efficacy (lm/W)	35.75
Beam angle	160°

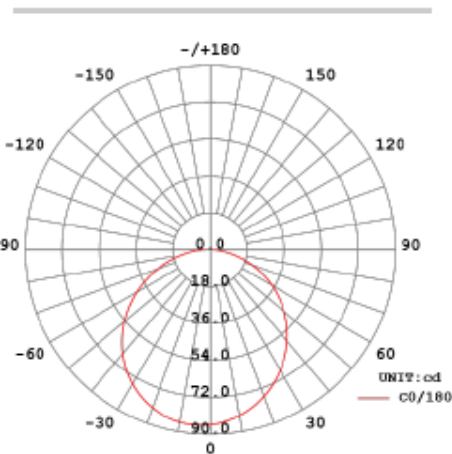
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	5211K
Colour rendering index (CRI, Ra)	82.2
Chromaticity coordinates (CIE 1931 -x,y)	0.3407, 0.3699

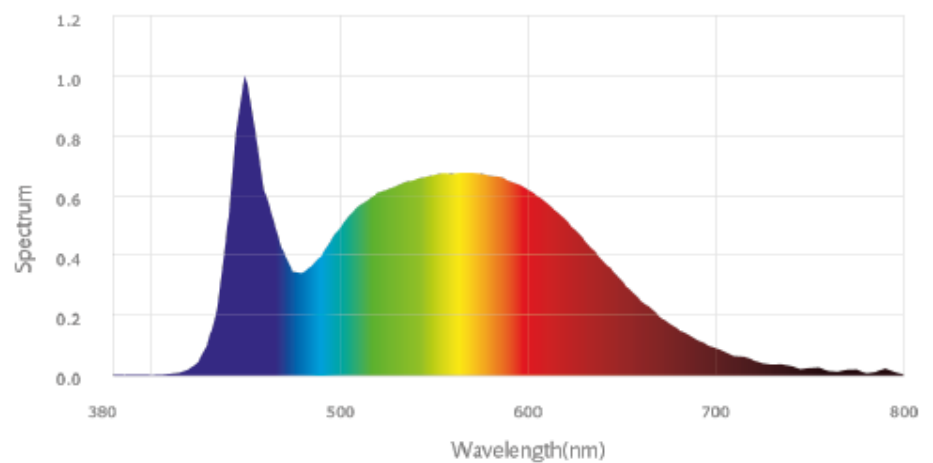
COLOUR RENDERING INDEX

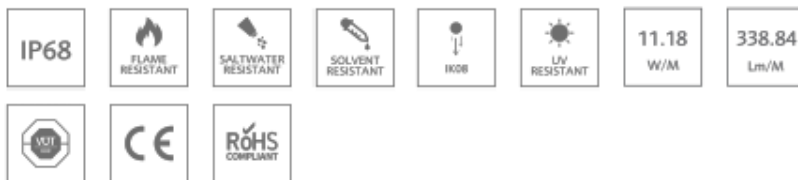
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
78	87	95	81	80	83	88	66	1	71	80	60	80	97	72

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



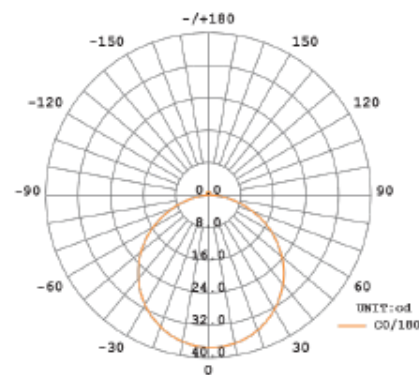


PRODUCT SPECIFICATION

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	81.0
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	11.18W
Supply voltage	24V DC
Supply current	0.466A
Luminous flux	338.84Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	MAXI NEON
Stated output	338.84lm per metre
Description	Flexible LED Neon, 6500K, 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 (WDC)	11.18
Input Current (mA DC)	466mA

■ LIGHT OUTPUT

Total light output (Lumens)	338.84
Luminaire efficacy (lm/W)	30.31
Beam angle	160°

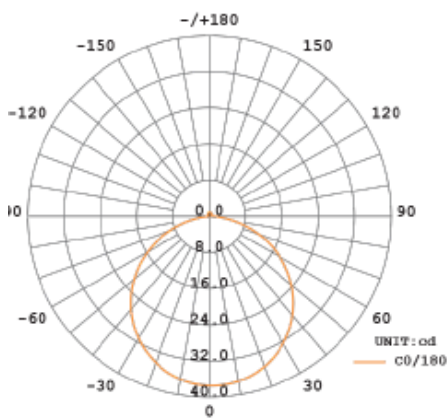
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	6405K
Colour rendering index (CRI, Ra)	81.0
Chromaticity coordinates (CIE 1931 - x,y)	0.3132, 0.3400

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
77	87	92	78	78	81	88	68	2	68	75	52	80	96	72

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

