MAXI - NEON 2500K

SPECIFICATION SHEET

IP68 | FLAME RESISTANT | SALTWATER RESISTANT | SOLVENT RESISTANT | IK08 | UV RESISTANT | 11.13 W/M | 306.96 Lm/M

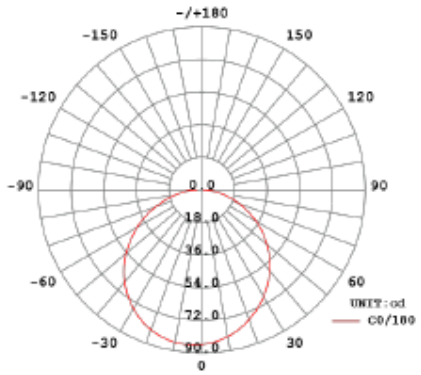
PRODUCT SPECIFICATION

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	55.8
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	11.13W
Supply voltage	24V DC
Supply current	0.464A
Luminous flux	306.96Lm/M

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING

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MAXI - NEON 2500K

PHOTOMETRIC TEST REPORT

PRODUCT DETAILS

Product name	MAXI NEON
Stated output	306.96lm per metre
Description	Flexible LED Neon, 2500K, 24V, 11.13W/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)	11.13
Input Current (mA DC)	464mA

LIGHT OUTPUT

Total light output (Lumens)	306.96
Luminaire efficacy (lm/W)	27.58
Beam angle	160°

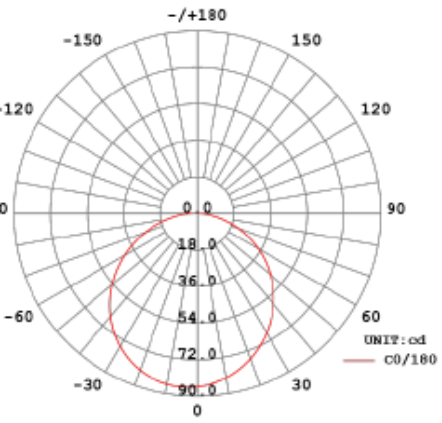
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2339K
Colour rendering index (CRI, Ra)	55.8
Chromaticity coordinates (CIE 1931 - x,y)	0.5014, 0.4296

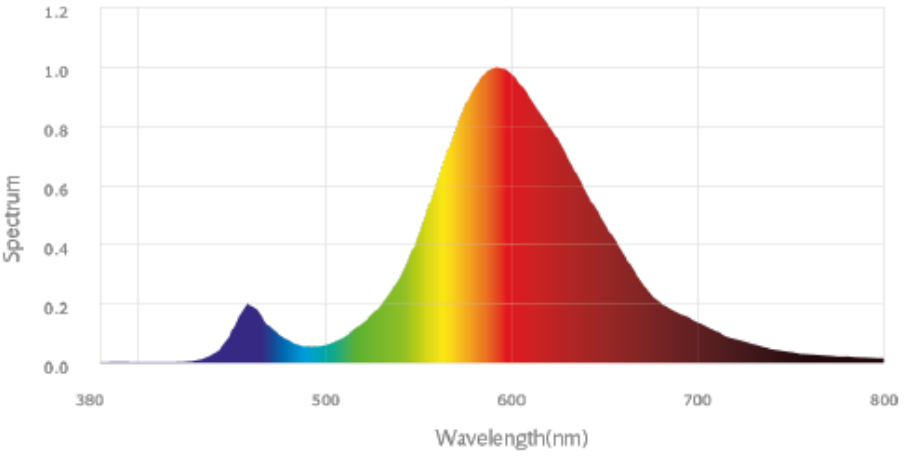
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
48	74	93	40	44	61	68	18	0	44	22	22	52	96	42

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



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MAXI - NEON 2700K

IP68 | FLAME RESISTANT | SALTWATER RESISTANT | SOLVENT RESISTANT | IK08 | UV RESISTANT | 11.13 W/M | 369.84 Lm/M

VDE | CE | RoHS COMPLIANT

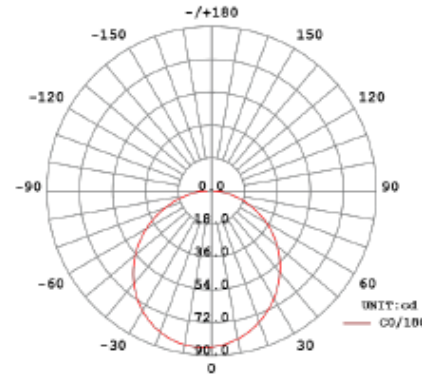
PRODUCT SPECIFICATION

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	81.8
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	11.13W
Supply voltage	24V DC
Supply current	0.464A
Luminous flux	369.84Lm/M

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING

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MAXI - NEON 2700K

PRODUCT DETAILS

Product name	MAXI NEON
Stated output	369.84lm per metre
Description	Flexible LED Neon, 2700K, 24V, 11.13W/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)	11.13
Input Current (mA DC)	464mA

LIGHT OUTPUT

Total light output (Lumens)	369.84
Luminaire efficacy (lm/W)	33.23
Beam angle	160°

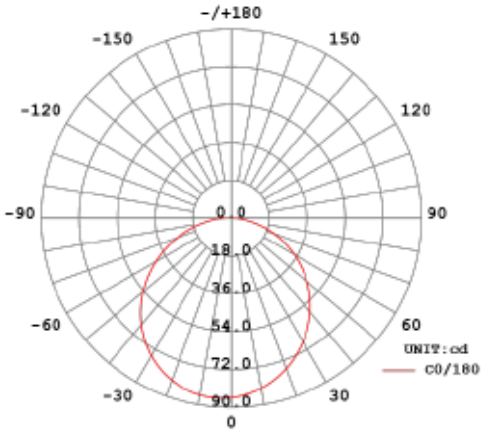
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2752K
Colour rendering index (CRI, Ra)	81.8
Chromaticity coordinates (CIE 1931 - x,y)	0.4579, 0.4137

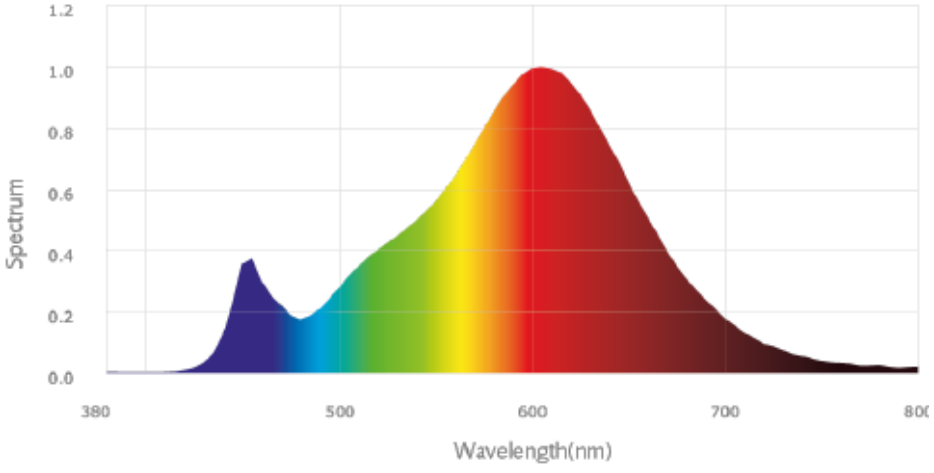
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
80	91	96	79	80	90	82	57	6	80	78	71	83	98	72

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



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MAXI - NEON 3000K

IP68 | FLAME RESISTANT | SALTWATER RESISTANT | SOLVENT RESISTANT | IK08 | UV RESISTANT | 11.04 W/M | 367.19 Lm/M

VDE | CE | RoHS COMPLIANT

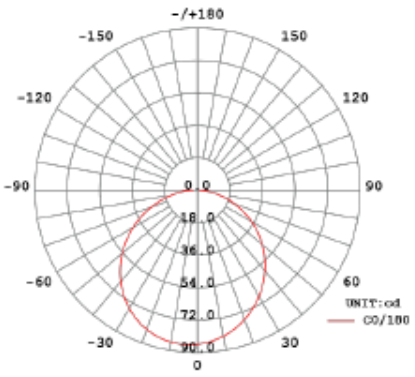
PRODUCT SPECIFICATION

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	81.4
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	11.04W
Supply voltage	24V DC
Supply current	0.46A
Luminous flux	367.19Lm/M

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING

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MAXI - NEON 3000K

PHOTOMETRIC TEST REPORT

PRODUCT DETAILS

Product name	MAXI NEON
Stated output	367.19lm per metre
Description	Flexible LED Neon, 3000K, 24V, 11.04W/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)	11.04
Input Current (mA DC)	460mA

LIGHT OUTPUT

Total light output (Lumens)	367.19
Luminaire efficacy (lm/W)	33.26
Beam angle	160°

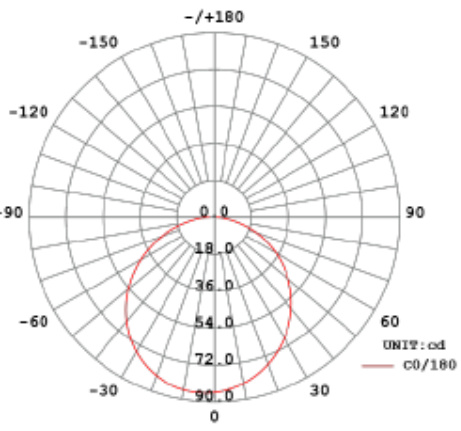
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3241K
Colour rendering index (CRI, Ra)	81.4
Chromaticity coordinates (CIE 1931 - x,y)	0.4257, 0.4095

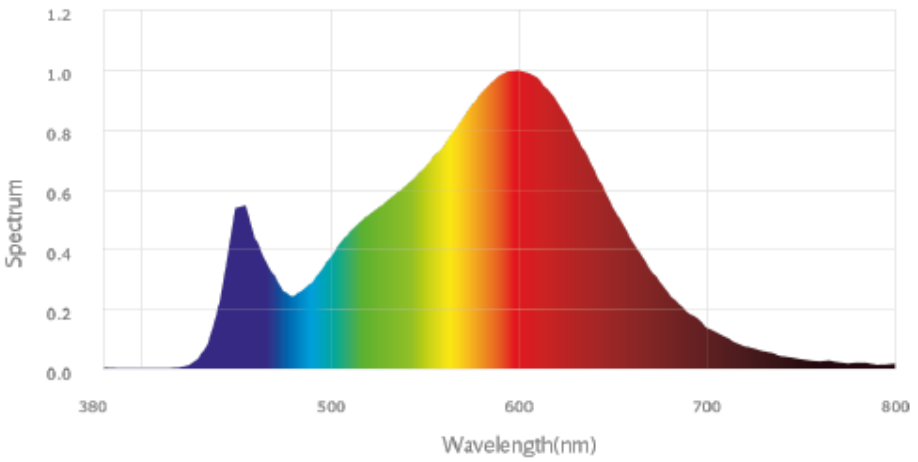
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
79	90	97	78	79	87	83	58	0	77	77	64	82	99	71

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



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