MAXI NEON - RGBW 2700K

SPECIFICATION SHEET

IP68 | FLAME RESISTANT | SALTWATER RESISTANT | SOLVENT RESISTANT | IK08 | UV RESISTANT | 11.37 W/M | 230.59 Lm/M

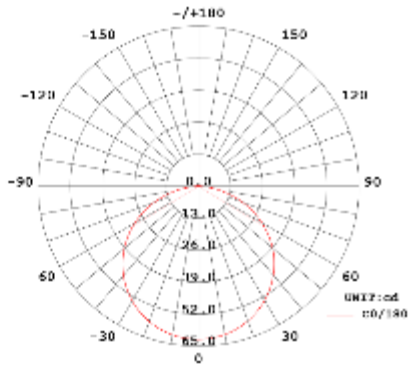
PRODUCT SPECIFICATION

Dimension	H21/W11.5mm
PCB increment	Power connection and cut point every 100mm
LED pitch	17.80mm
Chip	SMD
Beam angle	160°
Colours	RGBW
Bin/step	3 Step MacAdam ellipse
CRI	45.1
Lifetime	50000hrs @45°
Operating temp.	0 - 45°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

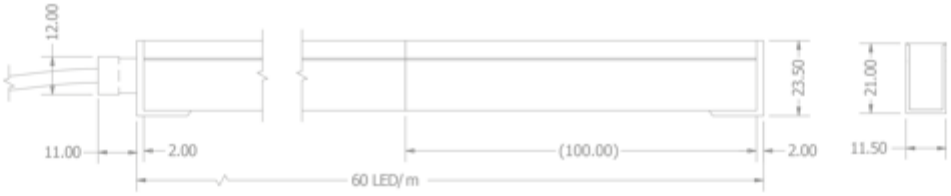
PERFORMANCE DATA (for 1000mm)

Power consumption	11.37W
Supply voltage	24V DC
Supply current	0.474A
Luminous flux	230.59Lm/M

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



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MAXI NEON - RGBW 2700K

PHOTOMETRIC TEST REPORT

PRODUCT DETAILS

Product name	MAXI NEON RGBW
Stated output	230.59lm per metre
Description	Flexible LED Neon, 2700K, 24V, 11.37W/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)	11.37
Input Current (mA DC)	474mA

LIGHT OUTPUT

Total light output (Lumens)	230.59
Luminaire efficacy (lm/W)	20.28
Beam angle	160°

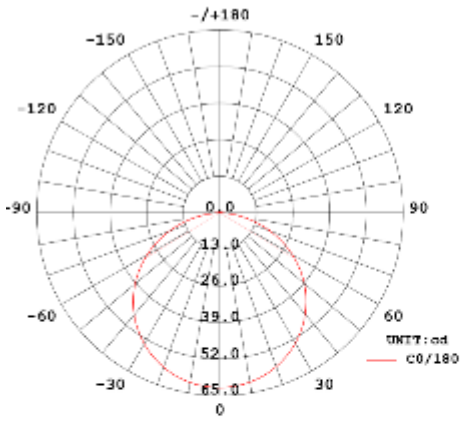
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	9411K
Colour rendering index (CRI, Ra)	45.1
Chromaticity coordinates (CIE 1931 - x,y)	0.2783, 0.3050

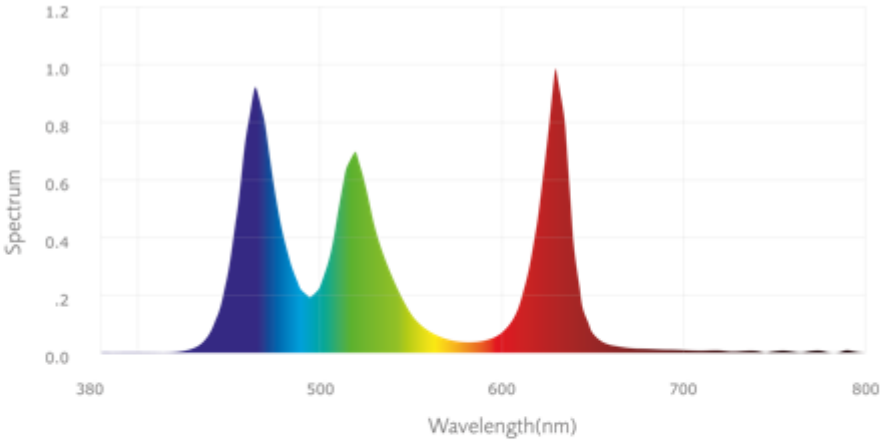
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
28	62	75	43	48	54	55	0	0	11	31	62	34	82	14

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



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MAXI NEON - WHITE

PHOTOMETRIC TEST REPORT

PRODUCT DETAILS

Product name	MAXI NEON RGBW
Stated output	136.54lm per metre
Description	Flexible LED Neon, WHITE, 24V, 3.86W/m
Quantity/length of product tested	1 x 1000mm
Bin tolerance/#. MacAdams ellipse of chip	-

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (W DC)	3.86
Input Current (mA DC)	161mA

LIGHT OUTPUT

Total light output (Lumens)	136.54
Luminaire efficacy (lm/W)	35.37
Beam angle	160°

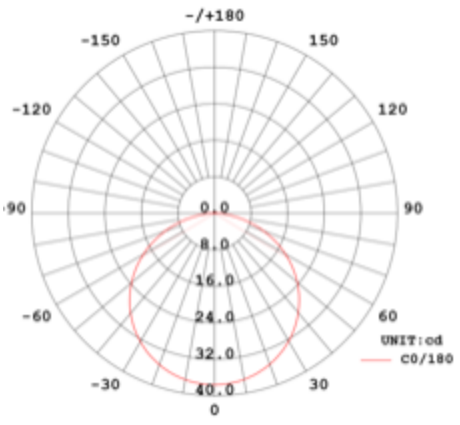
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2667K
Colour rendering index (CRI, Ra)	71.1
Chromaticity coordinates (CIE 1931 - x,y)	0.4668, 0.4186

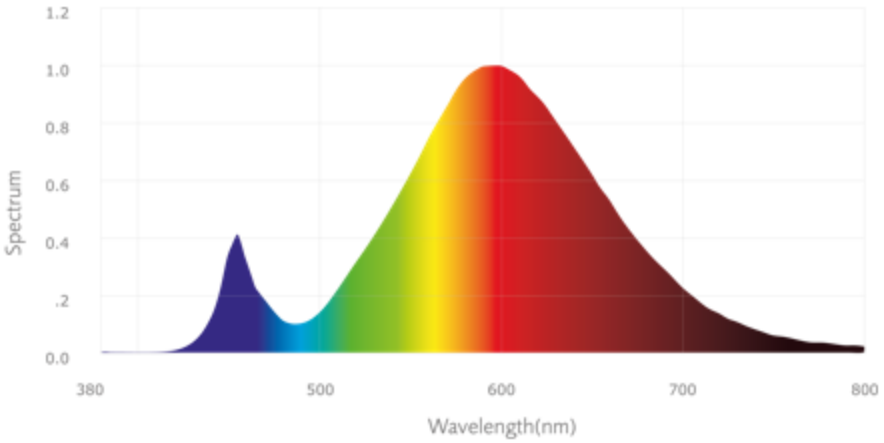
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
67	82	95	63	64	73	79	46	0	58	54	43	69	97	61

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



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