

IP68	FLAME RESISTANT	SALTWATER RESISTANT	SOLVENT RESISTANT	IK08	UV RESISTANT	11.52 W/M	318.62 Lm/M
VDE	CE	RoHS COMPLIANT					

■ PRODUCT SPECIFICATION

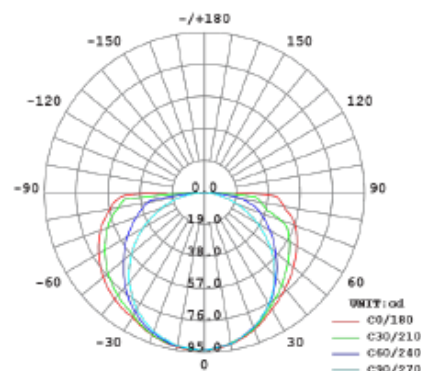
Dimension	H29/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	Epistar
Beam angle	320°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	69.5
Lifetime	50000hrs @45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

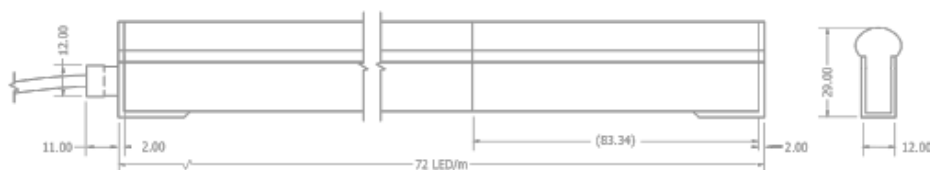
Power consumption	11.52W
Supply voltage	24V DC
Supply current	0.48A
Luminous flux	318.62Lm/M



LUMINOUS INTENSITY
DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	DOMED NEON
Stated output	318.62lm per metre
Description	Flexible LED Neon, 2500K, 24V, 11.52W/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)	11.52
Input Current (mA DC)	480mA

LIGHT OUTPUT

Total light output (Lumens)	318.62
Luminaire efficacy (lm/W)	27.66
Beam angle	320°

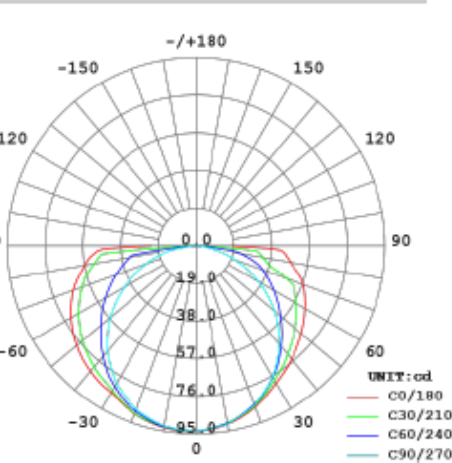
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2468K
Colour rendering index (CRI, Ra)	69.5
Chromaticity coordinates (CIE 1931 - x,y)	0.4935, 0.4216

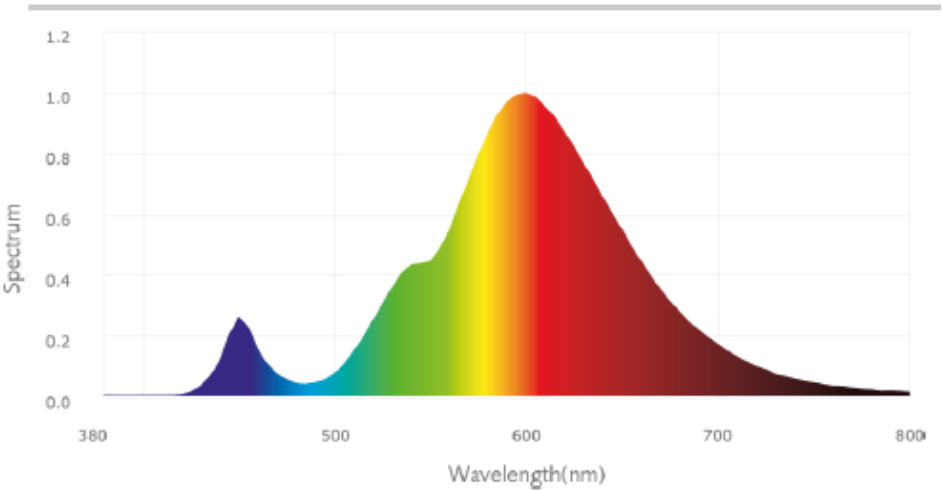
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
64	81	96	61	61	73	75	36	0	57	54	42	67	98	56

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



IP68

FLAME
RESISTANT

SALTWATER
RESISTANT

SOLVENT
RESISTANT

IK08

UV
RESISTANT

11.1
W/M

477.17
Lm/M

VOL

CE

RoHS
COMPLIANT

PRODUCT SPECIFICATION

Dimension	H29/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	Epistar
Beam angle	320°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	81.4
Lifetime	50000hrs @45°
Operating temp.	0 - 45° C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

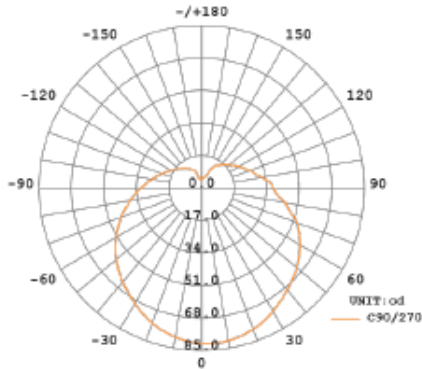
PERFORMANCE DATA (for 1000mm)

Power consumption	11.1W
Supply voltage	24V DC
Supply current	0.463A
Luminous flux	477.17Lm/M

TECHNICAL DRAWING



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PRODUCT DETAILS

Product name	DOMED NEON
Stated output	477.17lm per metre
Description	Flexible LED Neon, 2700K, 24V, 11.1W/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)	11.1
Input Current (mA DC)	463mA

LIGHT OUTPUT

Total light output (Lumens)	477.17
Luminaire efficacy (lm/W)	42.99
Beam angle	320°

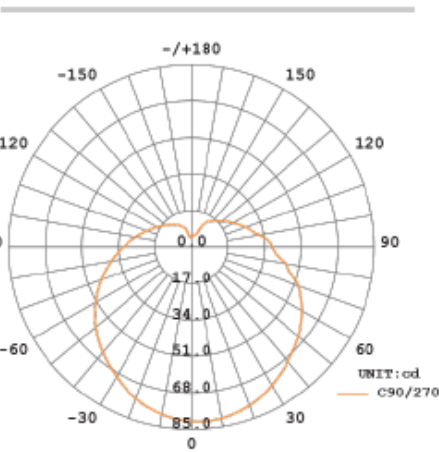
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2756K
Colour rendering index (CRI, Ra)	81.4
Chromaticity coordinates (CIE 1931 - x,y)	0.4585, 0.4154

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
80	91	96	78	80	90	82	56	4	80	77	71	82	98	71

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

