

IP68	FLAME RESISTANT	SALTWATER RESISTANT	SOLVENT RESISTANT	IK08	UV RESISTANT	10.92 W/M	508.78 Lm/M
IP68	CE	ROHS COMPLIANT					

PRODUCT SPECIFICATION

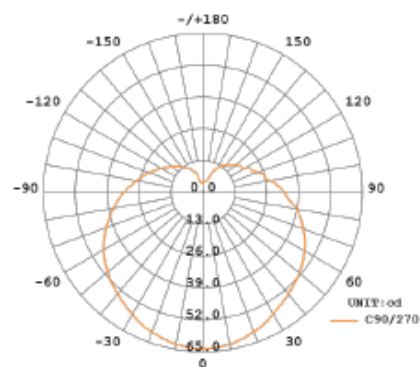
Dimension	H29/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	Epistar
Beam angle	320°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	81.3
Lifetime	50000hrs @45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

PERFORMANCE DATA (for 1000mm)

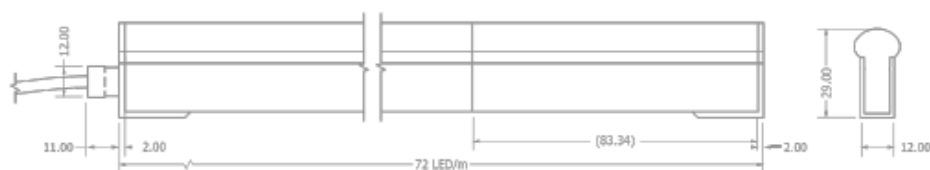
Power consumption	10.92W
Supply voltage	24V DC
Supply current	0.455A
Luminous flux	508.78Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	DOMED NEON
Stated output	508.78lm 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 (W DC)	10.92
Input Current (mA DC)	455mA

LIGHT OUTPUT

Total light output (Lumens)	508.78
Luminaire efficacy (lm/W)	46.59
Beam angle	320°

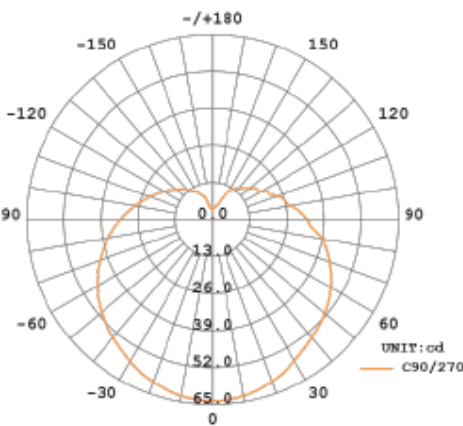
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	5159K
Colour rendering index (CRI, Ra)	81.3
Chromaticity coordinates (CIE 1931 - x,y)	0.3424, 0.3743

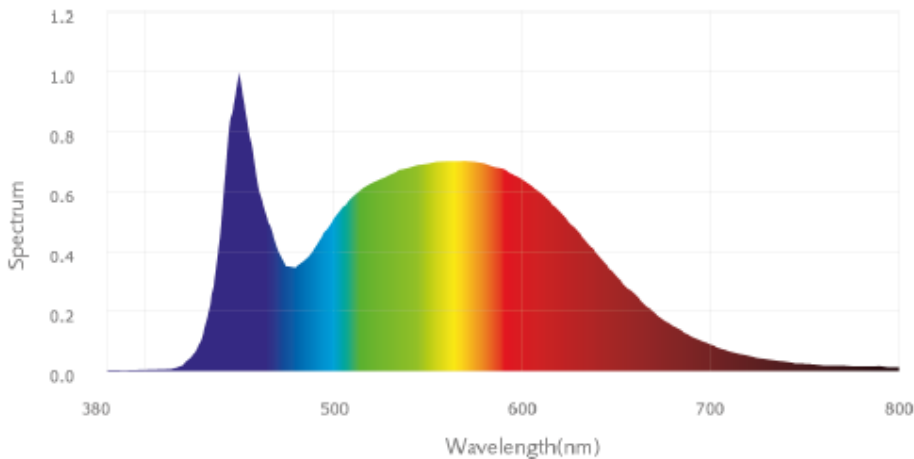
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
77	86	95	80	78	83	88	64	0	69	78	59	79	97	70

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



IP68

FLAME
RESISTANT

SALTWATER
RESISTANT

SOLVENT
RESISTANT

IK08

UV
RESISTANT

11.04
W/M

503.44
Lm/M

CE

ROHS
COMPLIANT

PRODUCT SPECIFICATION

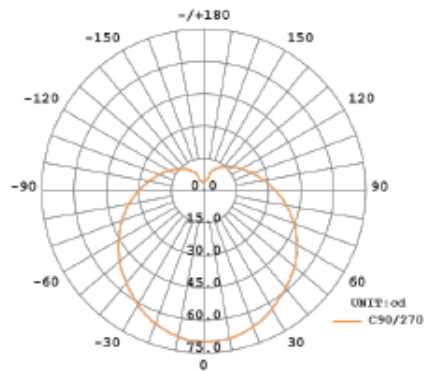
Dimension	H29/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	Epistar
Beam angle	320°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	81.2
Lifetime	50000hrs @45°
Operating temp.	0 - 45° C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

PERFORMANCE DATA (for 1000mm)

Power consumption	11.04W
Supply voltage	24V DC
Supply current	0.46A
Luminous flux	503.44Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	DOMED NEON
Stated output	503.44lm per metre
Description	Flexible LED Neon, 5700K, 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 (WDC)	11.04
Input Current (mA DC)	460mA

LIGHT OUTPUT

Total light output (Lumens)	503.44
Luminaire efficacy (lm/W)	45.6
Beam angle	320°

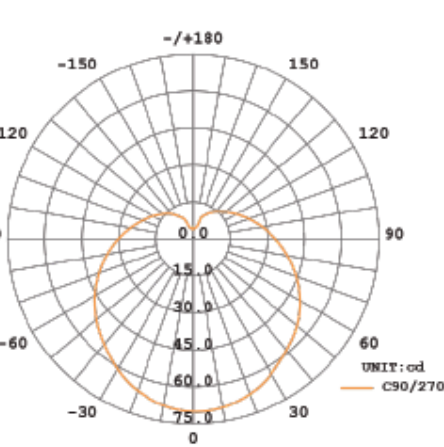
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	5622K
Colour rendering index (CRI, Ra)	81.2
Chromaticity coordinates (CIE 1931 - x,y)	0.3296, 0.3553

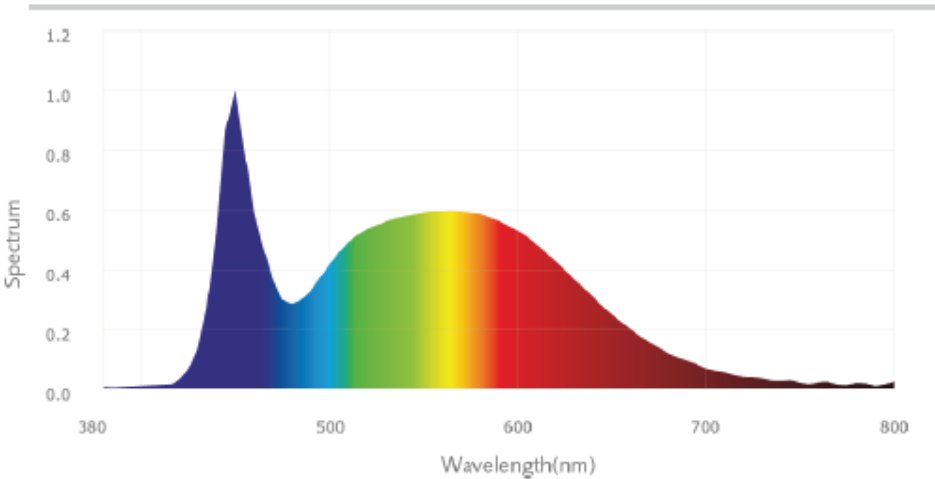
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
78	86	92	81	79	81	88	66	0	67	79	58	80	96	71

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





■ PRODUCT SPECIFICATION

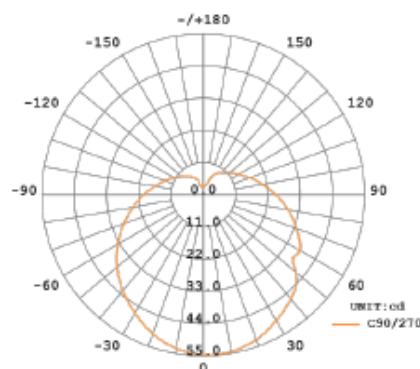
Dimension	H29/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	Epistar
Beam angle	320°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	81.4
Lifetime	50000hrs @45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile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

■ PERFORMANCE DATA (for 1000mm)

Power consumption	11.52W
Supply voltage	24V DC
Supply current	0.48A
Luminous flux	441.58Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	DOMED NEON
Stated output	441.58lm per metre
Description	Flexible LED Neon, 6500K, 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 (W DC)	11.52
Input Current (mA DC)	480mA

■ LIGHT OUTPUT

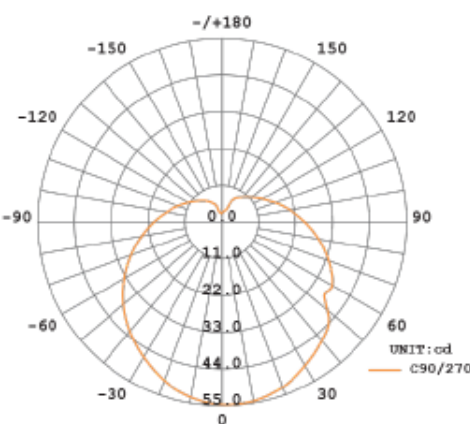
Total light output (Lumens)	441.58
Luminaire efficacy (lm/W)	38.33
Beam angle	320°

■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	6720K
Colour rendering index (CRI, Ra)	81.4
Chromaticity coordinates (CIE 1931 - x,y)	0.3080, 0.3337

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
78	87	92	78	79	81	88	69	3	69	76	52	80	96	73

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM

SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

