



■ PRODUCT SPECIFICATION

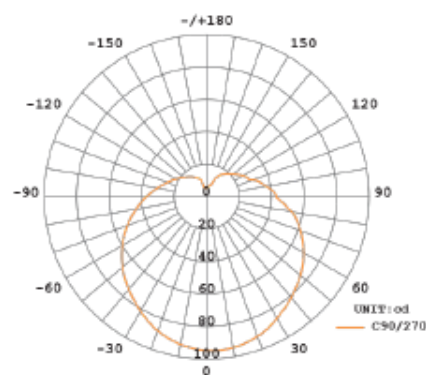
Dimension	H29/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	Epistar
Beam angle	320°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	81.5
Lifetime	50000hrs @45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

Power consumption	11.5W
Supply voltage	24V DC
Supply current	0.479A
Luminous flux	521.31Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	DOMED NEON
Stated output	521.31lm per metre
Description	Flexible LED Neon, 4000K, 24V, 11.5W/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)	11.5
Input Current (mA DC)	479mA

LIGHT OUTPUT

Total light output (Lumens)	521.31
Luminaire efficacy (lm/W)	45.33
Beam angle	320°

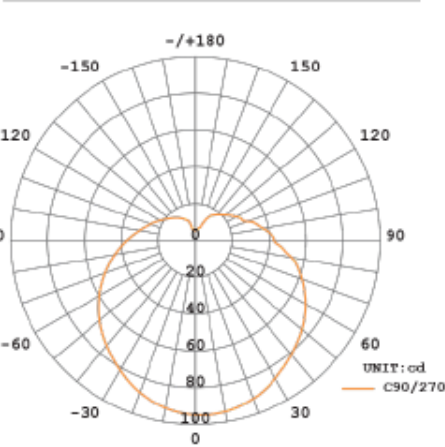
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4224K
Colour rendering index (CRI, Ra)	81.5
Chromaticity coordinates (CIE 1931 - x,y)	0.3745, 0.3857

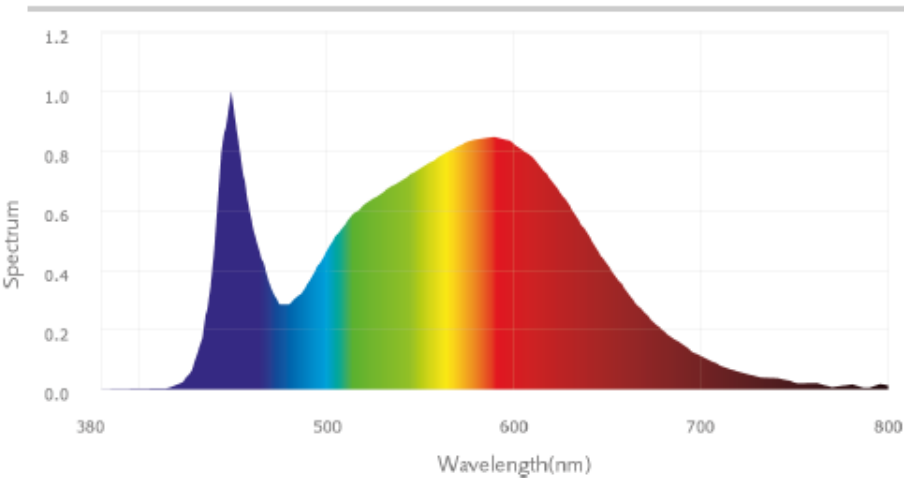
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
79	87	95	80	79	83	87	63	1	70	78	56	81	97	72

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



IP68



11.52
W/M

386.31
Lm/M



PRODUCT SPECIFICATION

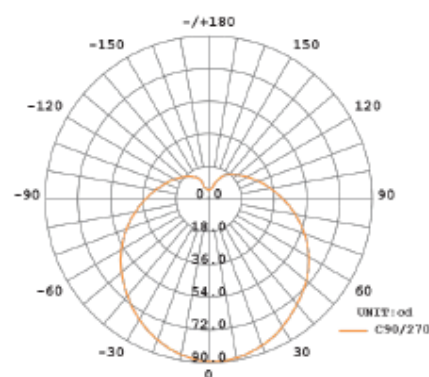
Dimension	H29/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	Epistar
Beam angle	320°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	71.4
Lifetime	50000hrs @45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
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	386.31Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	DOMED NEON
Stated output	386.31lm per metre
Description	Flexible LED Neon, 4500K, 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)	386.31
Luminaire efficacy (lm/W)	33.53
Beam angle	320°

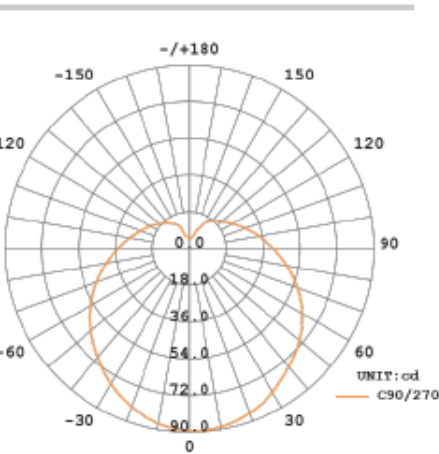
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4509K
Colour rendering index (CRI, Ra)	71.4
Chromaticity coordinates (CIE 1931 - x,y)	0.3646, 0.3870

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
67	78	85	68	66	67	85	56	0	46	61	29	69	92	61

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

