



PRODUCT SPECIFICATION

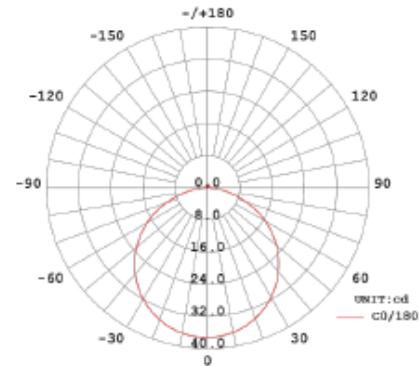
Dimension	H18.5/W9.5mm
PCB increment	Power connection and cut point every 83.33mm
LED pitch	13.90mm
Chip	Epistar
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	80.4
Lifetime	50000hrs @45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	45mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

PERFORMANCE DATA (for 1000mm)

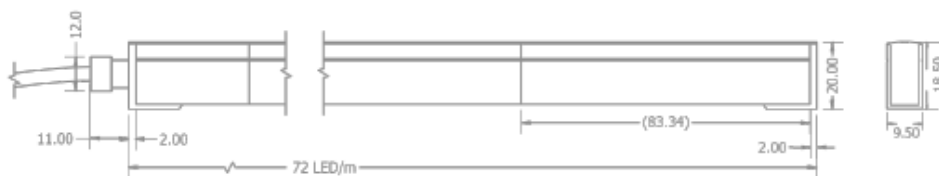
Power consumption	5W
Supply voltage	24V DC
Supply current	0.208A
Luminous flux	128.24Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MINI NEON
Stated output	128.24lm per metre
Description	Flexible LED Neon, 2700K, 24V, 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)	5
Input Current (mA DC)	208mA

LIGHT OUTPUT

Total light output (Lumens)	128.24
Luminaire efficacy (lm/W)	25.65
Beam angle	160°

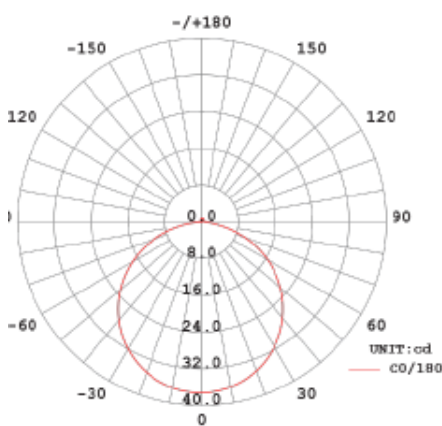
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2711K
Colour rendering index (CRI, Ra)	80.4
Chromaticity coordinates (CIE 1931 - x,y)	0.4637, 0.4189

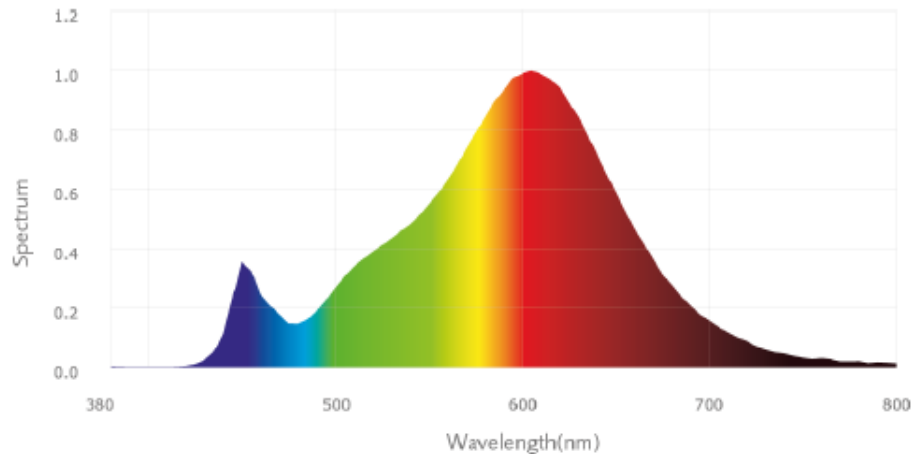
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
78	90	96	77	78	88	81	54	0	78	76	68	81	98	70

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





PRODUCT SPECIFICATION

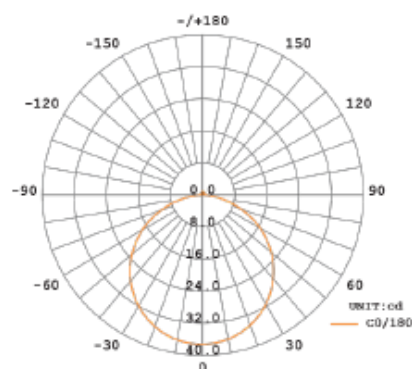
Dimension	H18.5/W9.5mm
PCB increment	Power connection and cut point every 83.33mm
LED pitch	13.90mm
Chip	Epistar
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	81.1
Lifetime	50000hrs @45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	45mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

PERFORMANCE DATA (for 1000mm)

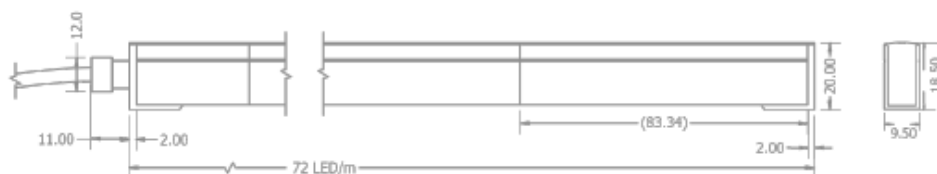
Power consumption	5W
Supply voltage	24V DC
Supply current	0.208A
Luminous flux	140Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	MINI NEON
Stated output	140lm per metre
Description	Flexible LED Neon, 3000K, 24V, 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)	5
Input Current (mA DC)	208mA

■ LIGHT OUTPUT

Total light output (Lumens)	140
Luminaire efficacy (lm/W)	28
Beam angle	160°

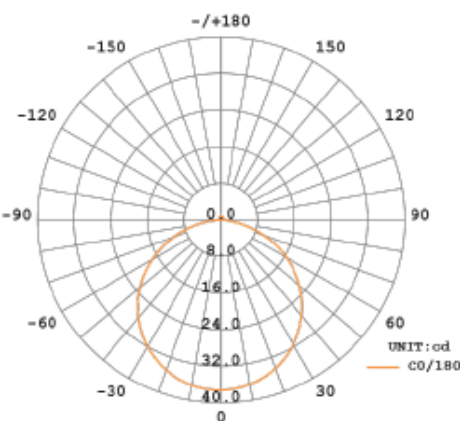
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3068K
Colour rendering index (CRI, Ra)	81.1
Chromaticity coordinates (CIE 1931 - x,y)	0.4365, 0.4115

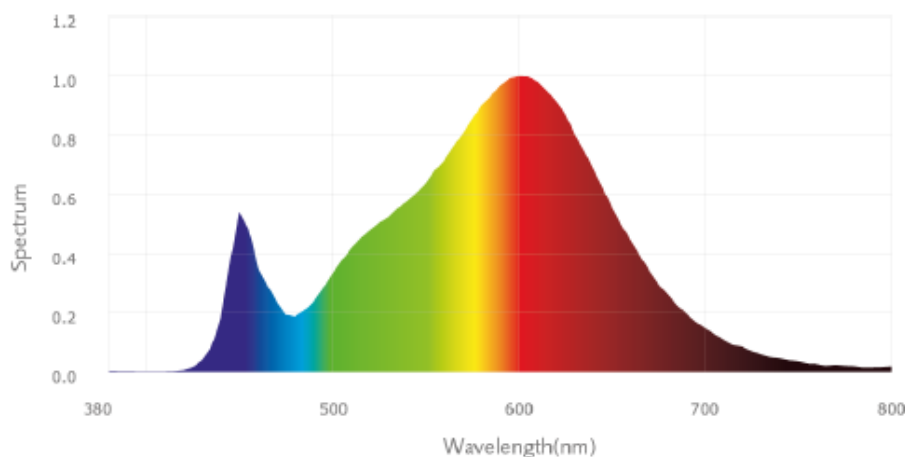
COLOUR RENDERING INDEX

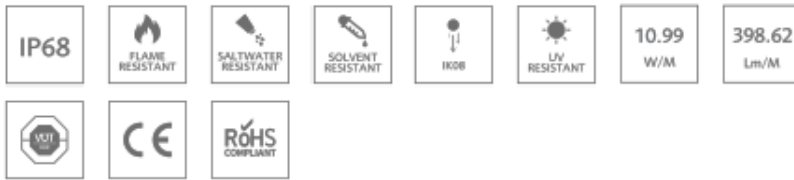
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
79	89	97	79	79	87	83	57	0	75	77	64	81	99	71

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





PRODUCT SPECIFICATION

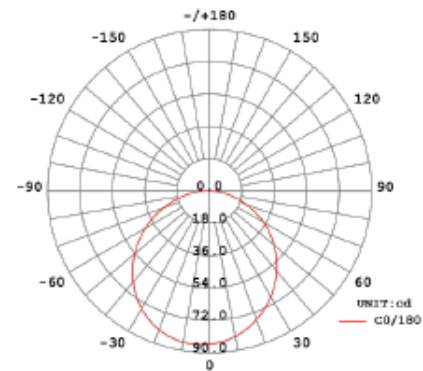
Dimension	H21/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	SMD
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	82.5
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP68
Mounting	Self-locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

PERFORMANCE DATA (for 1000mm)

Power consumption	10.99W
Supply voltage	24V DC
Supply current	0.458A
Luminous flux	398.62Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MINI NEON
Stated output	142.3lm per metre
Description	Flexible LED Neon, 3500K, 24V, 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)	5
Input Current (mA DC)	208mA

LIGHT OUTPUT

Total light output (Lumens)	142.3
Luminaire efficacy (lm/W)	28.46
Beam angle	160°

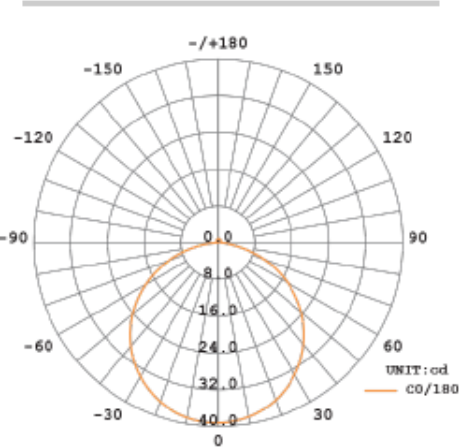
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3462K
Colour rendering index (CRI, Ra)	81.7
Chromaticity coordinates (CIE 1931 - x,y)	0.4127, 0.4054

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
79	89	97	80	79	85	85	60	2	74	78	60	81	98	71

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

