

PRODUCT SPECIFICATION

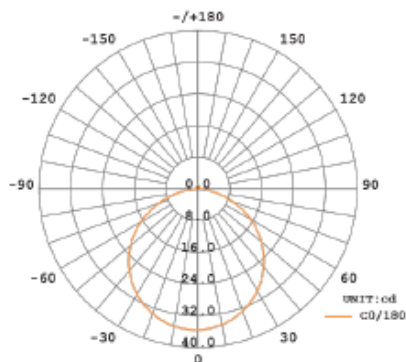
Dimension	H18.5/W9.5mm
PCB increment	Power connection and cut point every 83.33mm
LED pitch	13.90mm
Chip	Epistar
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	81.9
Lifetime	50000hrs @45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	45mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

PERFORMANCE DATA (for 1000mm)

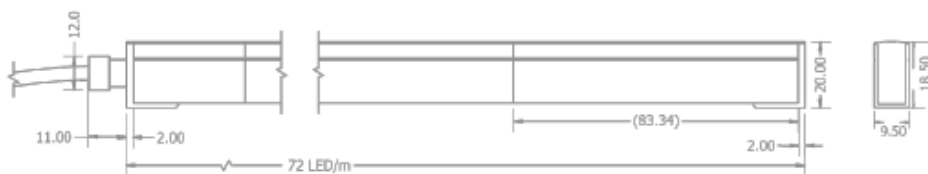
Power consumption	5W
Supply voltage	24V DC
Supply current	0.208A
Luminous flux	137.9Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	MINI NEON
Stated output	137.9lm per metre
Description	Flexible LED Neon, 5000K, 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)	137.9
Luminaire efficacy (lm/W)	27.58
Beam angle	160°

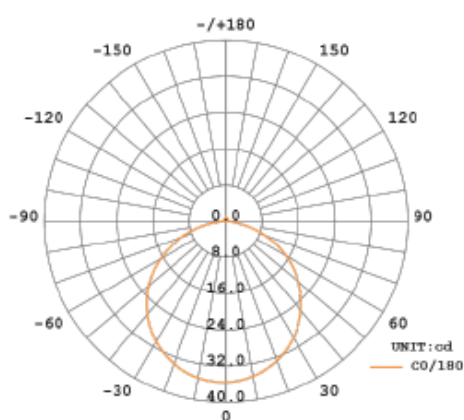
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	5144K
Colour rendering index (CRI, Ra)	81.9
Chromaticity coordinates (CIE 1931 - x,y)	0.3429, 0.3748

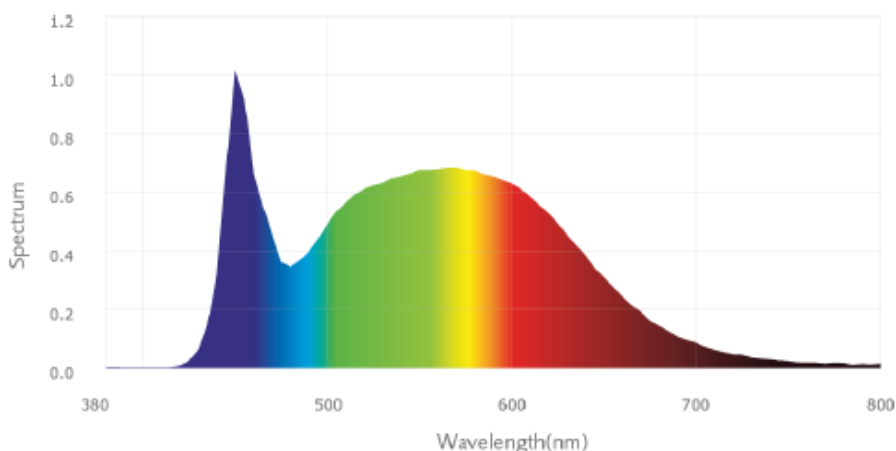
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
78	88	96	79	79	84	88	64	0	72	78	58	80	98	71

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



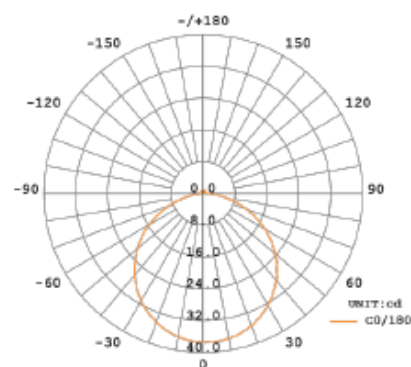


■ PRODUCT SPECIFICATION

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	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



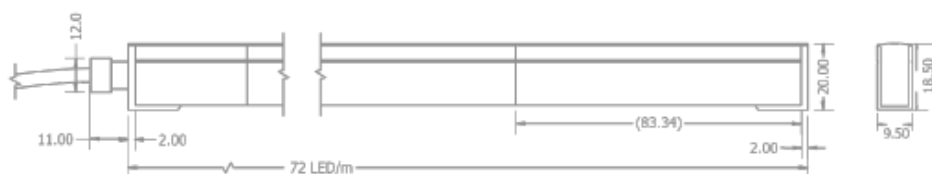
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



■ PERFORMANCE DATA (for 1000mm)

Power consumption	5W
Supply voltage	24V DC
Supply current	0.208A
Luminous flux	144Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	MINI NEON
Stated output	144lm per metre
Description	Flexible LED Neon, 6500K, 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 (WDC)	5
Input Current (mA DC)	208mA

■ LIGHT OUTPUT

Total light output (Lumens)	144
Luminaire efficacy (lm/W)	28.8
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	81	70

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

