

MICRO NEON SIDE - VIEW 2700K

SPECIFICATION SHEET



■ PRODUCT SPECIFICATION

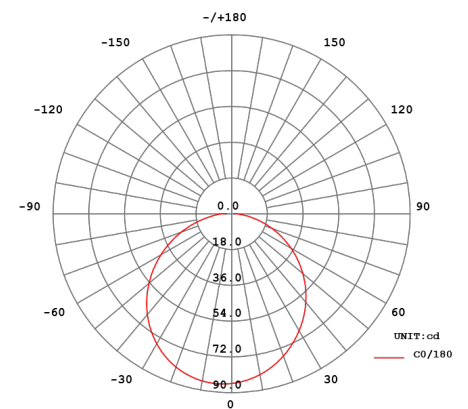
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	80.0
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

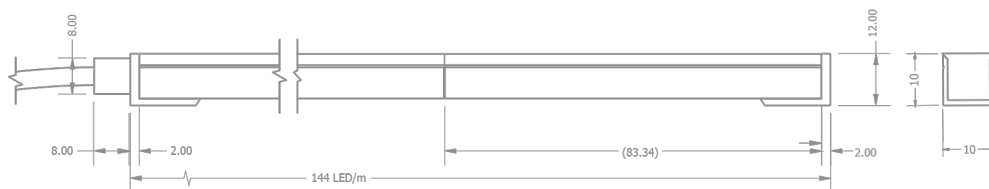
Power consumption	4.22W
Supply voltage	24V DC
Supply current	0.176A
Luminous flux	170.83Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MICRO NEON SIDE VIEW
Stated output	170.83lm per metre
Description	Flexible LED Neon, 2700K, 24V, 4.22W/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)	4.22
Input Current (mA DC)	176mA

LIGHT OUTPUT

Total light output (Lumens)	170.83
Luminaire efficacy (lm/W)	40.48
Beam angle	160°

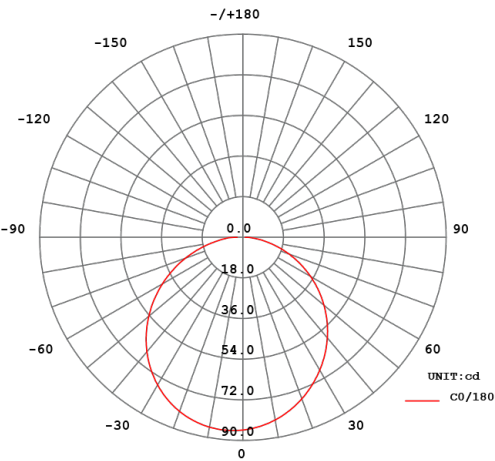
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2605K
Colour rendering index (CRI, Ra)	80.0
Chromaticity coordinates (CIE 1931 - x,y)	0.4703, 0.4165

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
78	91	95	76	78	89	80	53	0	79	75	71	81	98	70

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

