

MICRO NEON TOP - VIEW 5000K

SPECIFICATION SHEET



■ PRODUCT SPECIFICATION

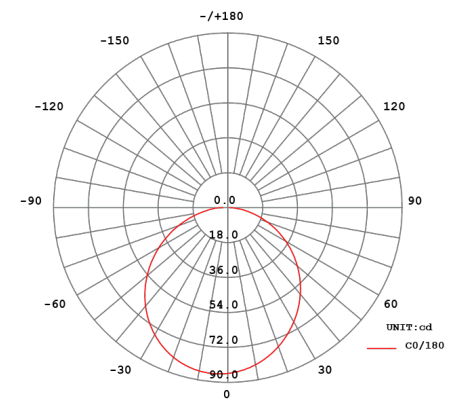
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	82.4
Lifetime	50000hrs @45o°
Operating temp.	0 - 50°C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	100mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

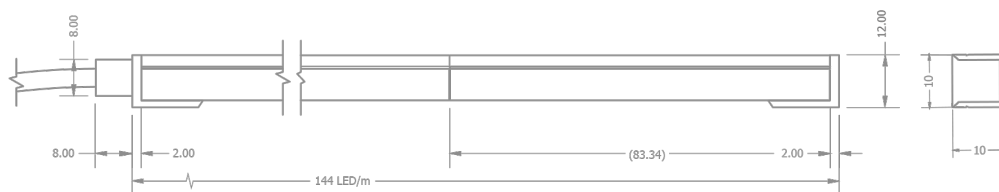
Power consumption	4.22W
Supply voltage	24V DC
Supply current	0.176A
Luminous flux	176.67Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MICRO NEON TOP VIEW
Stated output	176.67lm per metre
Description	Flexible LED Neon, 5000K, 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)	176.67
Luminaire efficacy (lm/W)	41.86
Beam angle	160°

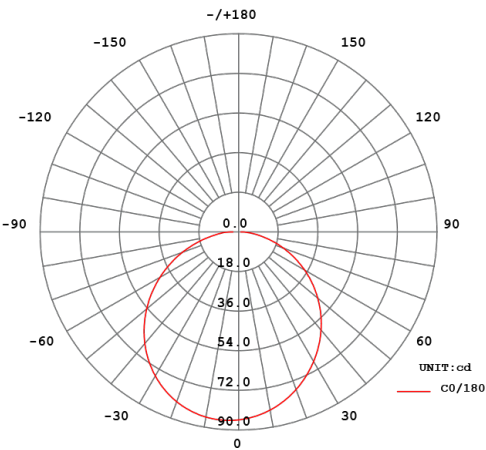
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	5021K
Colour rendering index (CRI, Ra)	82.4
Chromaticity coordinates (CIE 1931 - x,y)	0.3462, 0.3710

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
79	89	95	79	80	85	87	65	3	75	77	58	82	98	73

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

