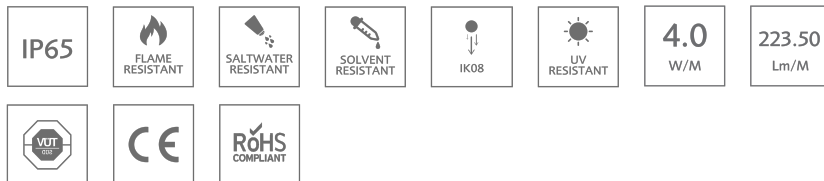


MICRO NEON TOP - VIEW 3000K

SPECIFICATION SHEET



■ PRODUCT SPECIFICATION

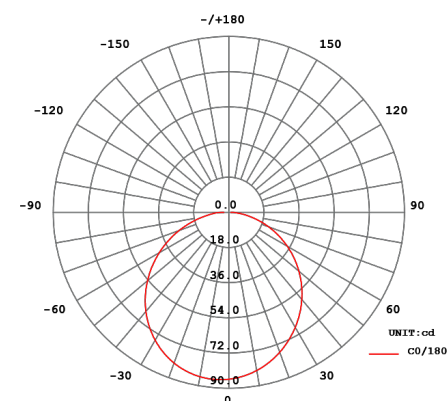
Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 83.3mm
LED pitch	6.94mm
Chip	Epistar
Beam angle	160°
Colours	Warm White
Bin/step	3 Step MacAdam ellipse
CRI	83.6
Lifetime	50000hrs @45o°
Operating temp.	0 - 50°C
IP rating	IP65
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	100mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

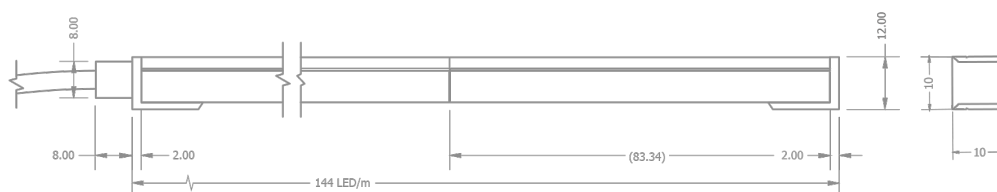
Power consumption	4W
Supply voltage	24V DC
Supply current	0.167A
Luminous flux	223.5Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	MICRO NEON TOP VIEW
Stated output	223.5lm per metre
Description	Flexible LED Neon, 3000K, 24V, 4W/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
Input Current (mA DC)	167mA

LIGHT OUTPUT

Total light output (Lumens)	223.5
Luminaire efficacy (lm/W)	55.88
Beam angle	160°

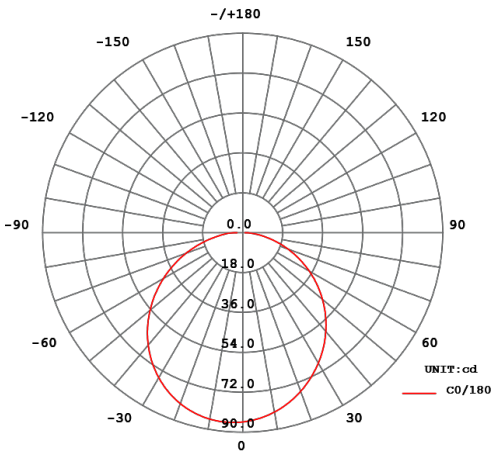
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3109K
Colour rendering index (CRI, Ra)	83.6
Chromaticity coordinates (CIE 1931 - x,y)	0.4307, 0.4042

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
82	92	96	80	81	90	83	60	10	81	78	67	84	98	75

LUMINOUS INTENSITY DISTRIBUTION
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

