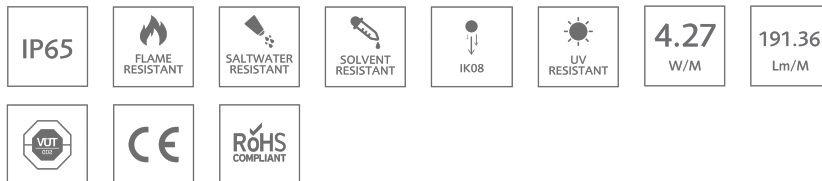


# MICRO NEON TOP - VIEW 4000K

SPECIFICATION SHEET



## ■ PRODUCT SPECIFICATION

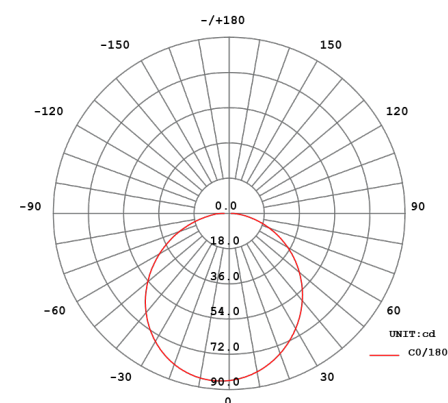
|                     |                                                    |
|---------------------|----------------------------------------------------|
| Dimension           | L1000/W10mm                                        |
| PCB increment       | Power connection and cut point every 83.3mm        |
| LED pitch           | 6.94mm                                             |
| Chip                | Epistar                                            |
| Beam angle          | 160°                                               |
| Colours             | Warm White                                         |
| Bin/step            | 3 Step MacAdam ellipse                             |
| CRI                 | 81.8                                               |
| 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)

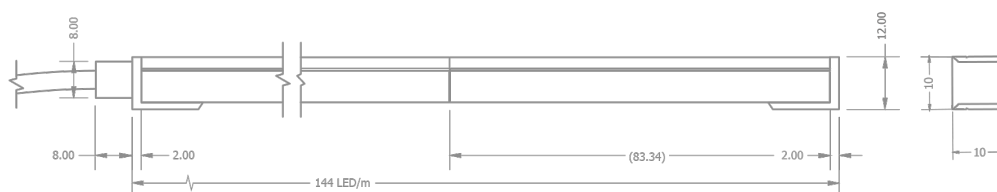
|                   |            |
|-------------------|------------|
| Power consumption | 4.27W      |
| Supply voltage    | 24V DC     |
| Supply current    | 0.178A     |
| Luminous flux     | 191.36Lm/M |



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## TECHNICAL DRAWING



# MICRO NEON TOP - VIEW 4000K

PHOTOMETRIC TEST REPORT

## PRODUCT DETAILS

|                                           |                                        |
|-------------------------------------------|----------------------------------------|
| Product name                              | MICRO NEON TOP VIEW                    |
| Stated output                             | 191.36lm per metre                     |
| Description                               | Flexible LED Neon, 4000K, 24V, 4.27W/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)     | 4.27  |
| Input Current (mA DC) | 178mA |

## LIGHT OUTPUT

|                             |        |
|-----------------------------|--------|
| Total light output (Lumens) | 191.36 |
| Luminaire efficacy (lm/W)   | 44.81  |
| Beam angle                  | 160°   |

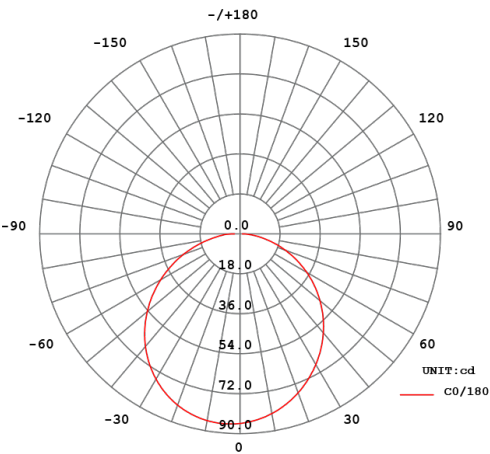
## COLOUR CHARACTERISTICS

|                                           |                |
|-------------------------------------------|----------------|
| Correlated colour temperature (CCT)       | 4060K          |
| Colour rendering index (CRI, Ra)          | 81.8           |
| Chromaticity coordinates (CIE 1931 - x,y) | 0.3812, 0.3881 |

## COLOUR RENDERING INDEX

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| 79 | 89 | 96 | 79 | 79 | 85 | 86 | 62 | 3  | 74  | 77  | 56  | 82  | 98  | 73  |

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

