

# MICRO NEON SIDE - VIEW 3500K

SPECIFICATION SHEET



## ■ PRODUCT SPECIFICATION

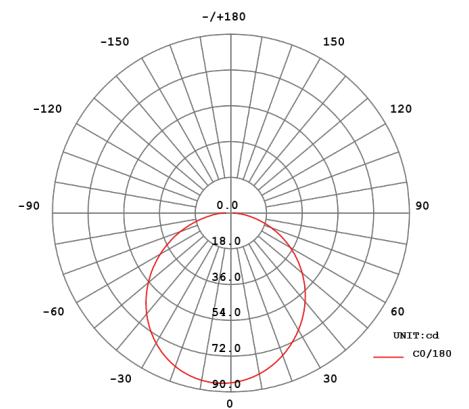
|                     |                                                    |
|---------------------|----------------------------------------------------|
| Dimension           | L1000/W10mm                                        |
| PCB increment       | Power connection and cut point every 83.3mm        |
| 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)

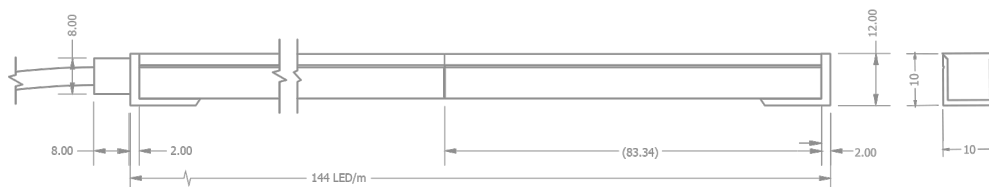
|                   |            |
|-------------------|------------|
| Power consumption | 4.17W      |
| Supply voltage    | 24V DC     |
| Supply current    | 0.174A     |
| Luminous flux     | 171.55Lm/M |



LUMINOUS INTENSITY  
DISTRIBUTION DIAGRAM



## TECHNICAL DRAWING



PRODUCT DETAILS

|                                           |                                        |
|-------------------------------------------|----------------------------------------|
| Product name                              | MICRO NEON SIDE VIEW                   |
| Stated output                             | 171.55lm per metre                     |
| Description                               | Flexible LED Neon, 3500K, 24V, 4.17W/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)     | 4.17  |
| Input Current (mA DC) | 174mA |

LIGHT OUTPUT

|                             |        |
|-----------------------------|--------|
| Total light output (Lumens) | 171.55 |
| Luminaire efficacy (lm/W)   | 41.14  |
| Beam angle                  | 160°   |

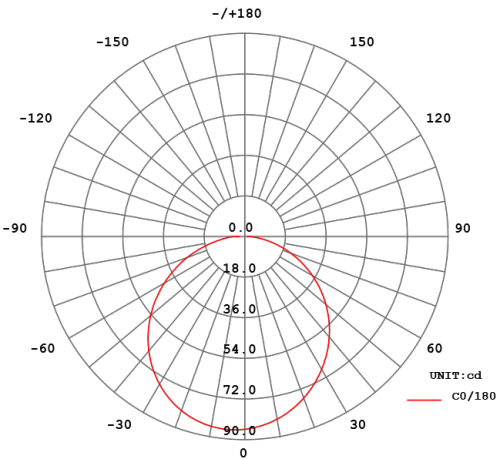
COLOUR CHARACTERISTICS

|                                           |                |
|-------------------------------------------|----------------|
| Correlated colour temperature (CCT)       | 3359K          |
| Colour rendering index (CRI, Ra)          | 80.0           |
| Chromaticity coordinates (CIE 1931 - x,y) | 0.4140, 0.3958 |

COLOUR RENDERING INDEX

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| 81 | 91 | 96 | 80 | 81 | 87 | 84 | 60 | 7  | 78  | 78  | 64  | 83  | 99  | 74  |

LUMINOUS INTENSITY DISTRIBUTION  
DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

