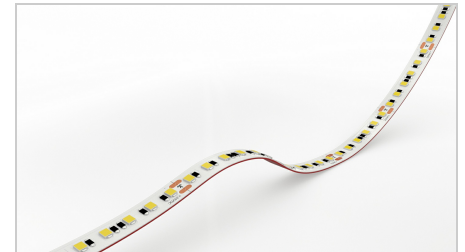


■ PRODUCT SPECIFICATION

| | |
|---------------------|--|
| Dimension | L5000/W12mm |
| PCB increment | Power connection and cut point every 100mm |
| LED pitch | 8.33mm |
| Chip | Epistar |
| Beam angle | 120° |
| Colours | White |
| Bin/step | 3 Step MacAdam ellipse |
| CRI | 96.4 |
| Lifetime | 50000hrs@45° |
| Operating temp. | 0 - 50°C |
| IP rating | IP20/65 |
| Mounting | 3M VHB backing tape |
| Minimum bend radius | 10mm |
| Connection | Hardwire tails or male/female connectors |
| Control | 0-10V/1-10V/DMX/DALI |

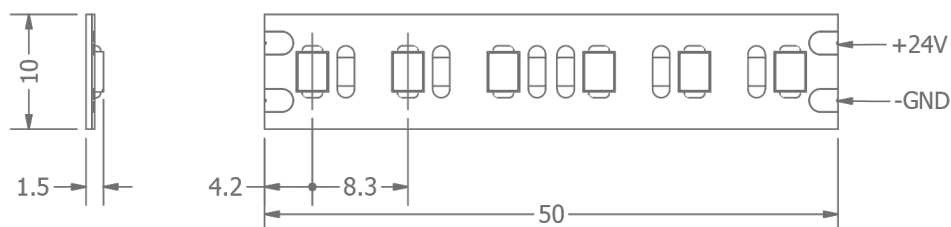


■ PERFORMANCE DATA (for 1000mm)

| | |
|-------------------|-------------|
| Power consumption | 23W |
| Supply voltage | 24V DC |
| Supply current | 0.958A |
| Luminous flux | 1502.32Lm/M |

TECHNICAL DRAWING

IP 20/54



■ PRODUCT DETAILS

| | |
|---|--------------------------------------|
| Product name | LUMEN LINE 120 |
| Stated output | 1502.32lm per metre |
| Description | Flexible LED Tape, 2700K, 24V, 23W/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) | 23 |
| Input Current (mA DC) | 958mA |

■ LIGHT OUTPUT

| | |
|-----------------------------|---------|
| Total light output (Lumens) | 1502.32 |
| Luminaire efficacy (lm/W) | 65.32 |
| Beam angle | 120° |

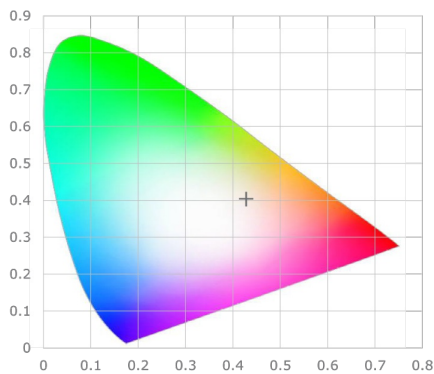
■ COLOUR CHARACTERISTICS

| | |
|---|----------------|
| Correlated colour temperature (CCT) | 2706K |
| Colour rendering index (CRI, Ra) | 96.4 |
| Chromaticity coordinates (CIE 1931 - x,y) | 0.4383, 0.4074 |

COLOUR RENDERING INDEX

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| 99 | 98 | 99 | 94 | 96 | 97 | 94 | 94 | 91 | 98 | 96 | 81 | 99 | 99 | 97 |

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

