

## ■ PRODUCT SPECIFICATION

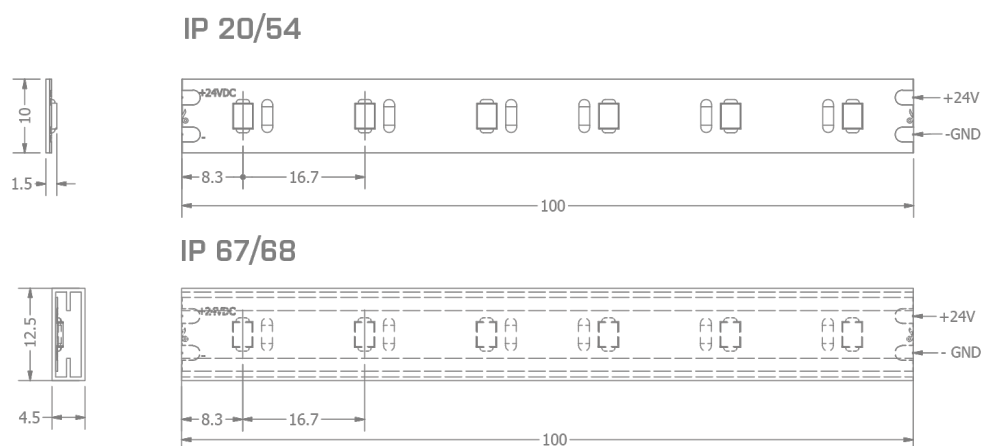
|                     |  |
|---------------------|--|
| Dimension           | L5000/W10mm                                |
| PCB increment       | Power connection and cut point every 100mm |
| LED pitch           | 16.67mm                                    |
| Chip                | Epistar                                    |
| Beam angle          | 120°                                       |
| Colours             | White                                      |
| Bin/step            | 3 Step MacAdam ellipse                     |
| CRI                 | 95.3                                       |
| Lifetime            | 50000hrs@45°                               |
| Operating temp.     | 0 - 50°C                                   |
| IP rating           | IP20/54/67/68                              |
| 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 | 13.98W   |
| Supply voltage    | 24V DC   |
| Supply current    | 0.583A   |
| Luminous flux     | 1053Lm/M |

## TECHNICAL DRAWING



## ■ PRODUCT DETAILS

|   |   |
|---|---|
| Product name                              | LUMEN LINE 60                           |
| Stated output                             | 1053lm per metre                        |
| Description                               | Flexible LED Tape, 4000K, 24V, 13.98W/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)     | 13.98 |
| Input Current (mA DC) | 583mA |

## ■ LIGHT OUTPUT

|                             |       |
|-----------------------------|-------|
| Total light output (Lumens) | 1053  |
| Luminaire efficacy (lm/W)   | 75.32 |
| Beam angle                  | 120°  |

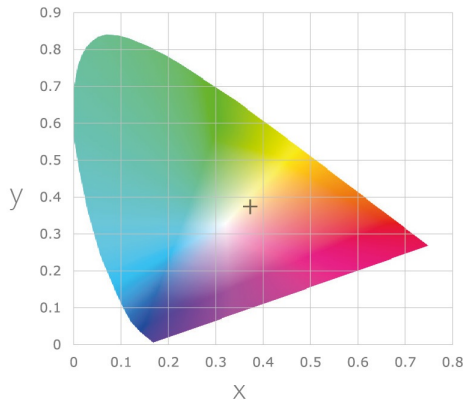
## ■ COLOUR CHARACTERISTICS

|   |                |
|---|----------------|
| Correlated colour temperature (CCT)       | 4132K          |
| Colour rendering index (CRI, Ra)          | 95.3           |
| Chromaticity coordinates (CIE 1931 - x,y) | 0.3750, 0.3742 |

## COLOUR RENDERING INDEX

| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| 98 | 97 | 99 | 92 | 94 | 96 | 92 | 94 | 97 | 97  | 94  | 71  | 98  | 99  | 94  |

## CHROMATICITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

