

## PRODUCT SPECIFICATION

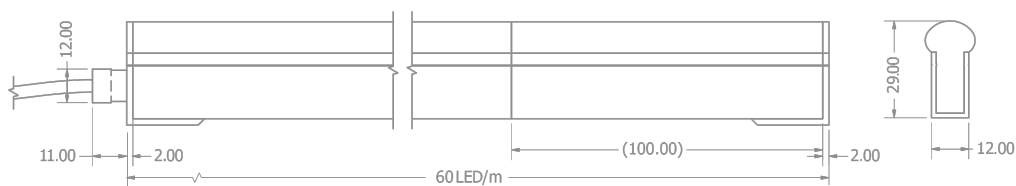
|                     |   |
|---------------------|---|
| Dimension           |   |
| PCB increment       | Power connection and cut point every mm |
| LED pitch           | mm                                      |
| Chip                | -                                       |
| Beam angle          | 320°                                    |
| Colours             |   |
| Bin/step            | -                                       |
| CRI                 | 1.4                                     |
| Lifetime            | °                                       |
| Operating temp.     | °C                                      |
| IP rating           | IP68                                    |
| Mounting            |   |
| Minimum bend radius | 60mm                                    |
| Connection          |   |
| Control             |   |



## PERFORMANCE DATA (for 1000mm)

|                   |           |
|-------------------|-----------|
| Power consumption | 4.32W     |
| Supply voltage    | 24V DC    |
| Supply current    | 0.18A     |
| Luminous flux     | 32.53Lm/M |

## TECHNICAL DRAWING



## PRODUCT DETAILS

|   |  |
|---|--|
| Product name                              | DOMED NEON RGBW                        |
| Stated output                             | 32.53lm per metre                      |
| Description                               | Flexible LED Neon, 2700K, 24V, 4.32W/m |
| Quantity/length of product tested         | 1 x 1000mm                             |
| Bin tolerance/#. MacAdams ellipse of chip | -                                      |

## ELECTRICAL CHARACTERISTICS

|                       |       |
|-----------------------|-------|
| Input Voltage (V DC)  | 24    |
| Input power (W DC)    | 4.32  |
| Input Current (mA DC) | 180mA |

## LIGHT OUTPUT

|                             |       |
|-----------------------------|-------|
| Total light output (Lumens) | 32.53 |
| Luminaire efficacy (lm/W)   | 7.53  |
| Beam angle                  | 320°  |

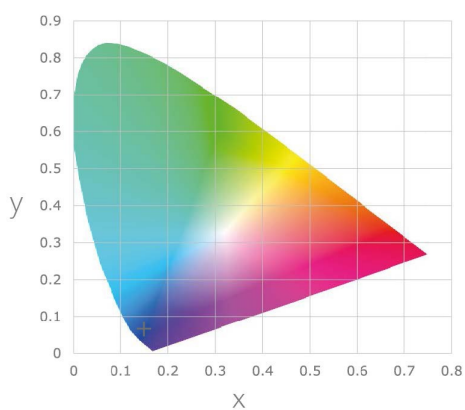
## COLOUR CHARACTERISTICS

|   |                |
|---|----------------|
| Correlated colour temperature (CCT)       | K              |
| Colour rendering index (CRI, Ra)          | 1.4            |
| Chromaticity coordinates (CIE 1931 - x,y) | 0.1337, 0.0698 |

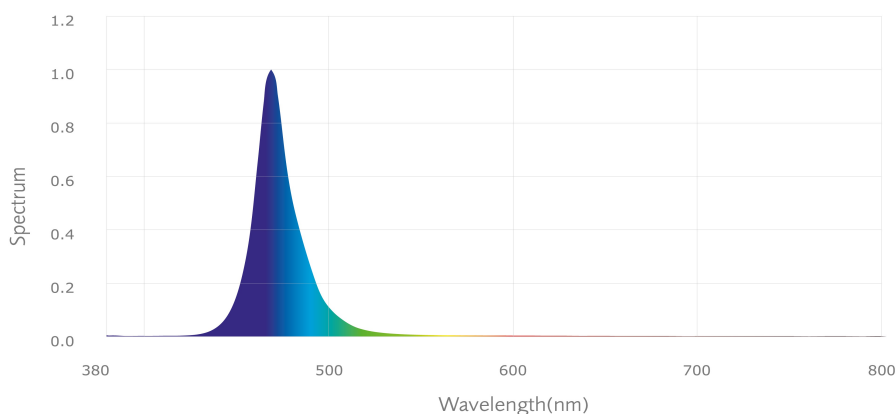
## COLOUR RENDERING INDEX

|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
| 0  | 0  | 0  | 0  | 12 | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 6   |

## CHROMATICITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



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| 0  | 0  | 0  | 0  | 12 | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0   | 0   | 6   |

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