



## PRODUCT SPECIFICATION

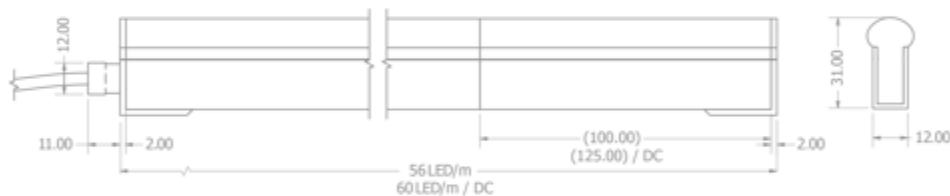
Dimension	H29/W12
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	Epistar
Beam angle	320°
Colours	RGB
Bin/step	3 Step MacAdam ellipse
CRI	40.9
Lifetime	50000hrs @45o°
Operating temp.	0 - 50°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



## PERFORMANCE DATA (for 1000mm)

Power consumption	11.09W
Supply voltage	24V DC
Supply current	0.462A
Luminous flux	266Lm/M

## TECHNICAL DRAWING



## PRODUCT DETAILS

Product name	DOMED NEON PIXEL
Stated output	266lm per metre
Description	Flexible LED Neon, RGB, 24V, 11.09W/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 (W DC)	11.09
Input Current (mA DC)	462mA

## LIGHT OUTPUT

Total light output (Lumens)	266
Luminaire efficacy (lm/W)	23.99
Beam angle	320°

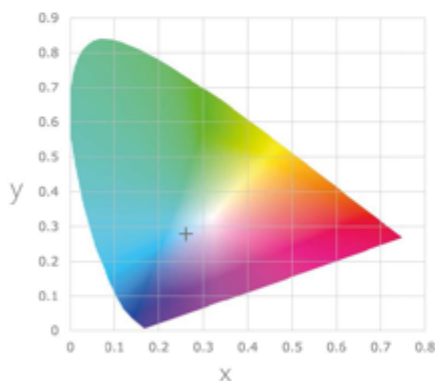
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	10430K
Colour rendering index (CRI, Ra)	40.9
Chromaticity coordinates (CIE 1931 - x,y)	0.2748, 0.2922

## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
19	56	73	37	41	49	52	0	0	0	23	57	26	80	2

## CHROMATICITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

