

■ PRODUCT SPECIFICATION

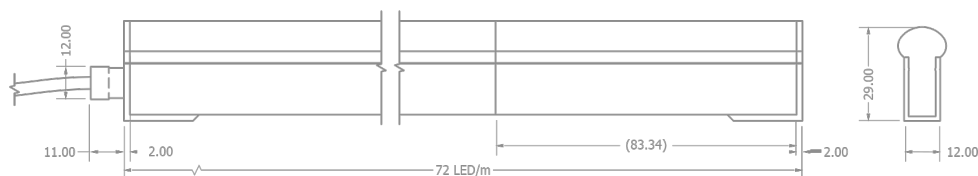
Dimension	H29/W11.5mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	13.89mm
Chip	Epistar
Beam angle	320°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	14.9
Lifetime	50000hrs@45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	60mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



■ PERFORMANCE DATA (for 1000mm)

Power consumption	7.2W
Supply voltage	24V DC
Supply current	0.3A
Luminous flux	173.68Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	DOMED NEON
Stated output	173.68lm per metre
Description	Flexible LED Neon, RED, 24V, 7.2W/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)	7.2
Input Current (mA DC)	300mA

■ LIGHT OUTPUT

Total light output (Lumens)	173.68
Luminaire efficacy (lm/W)	24.12
Beam angle	320°

■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	1001K
Colour rendering index (CRI, Ra)	14.9
Chromaticity coordinates (CIE 1931 - x,y)	0.6935, 0.3060

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
7	78	31	0	2	90	6	0	0	72	0	79	30	60	0

SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

