

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 DC
Stated output	32.53lm per metre
Description	Flexible LED Neon, 2500-5000K, 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°

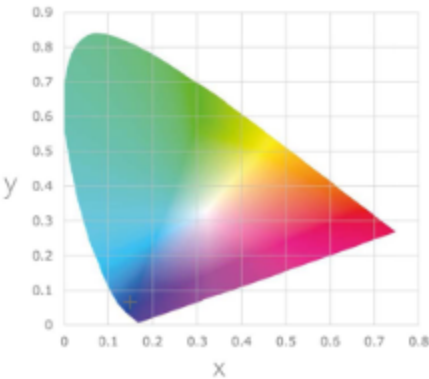
COLOUR CHARACTERISTICS

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

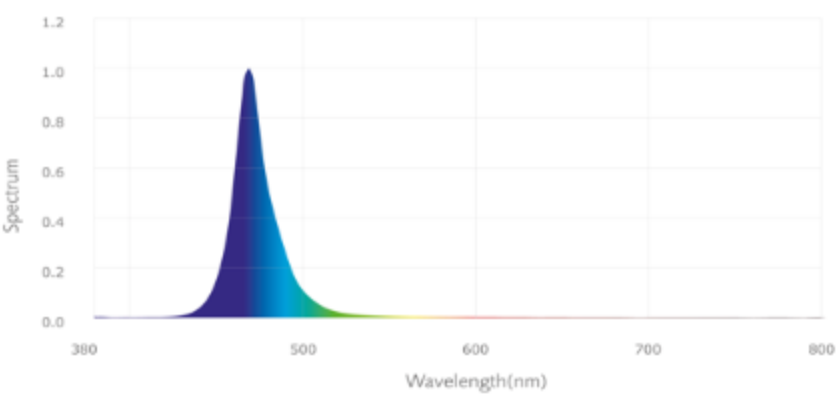
COLOUR RENDERING INDEX

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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