



PRODUCT SPECIFICATION

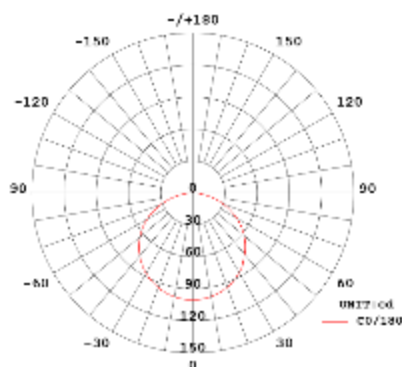
Dimension	H17/W16mm
PCB increment	Power connection and cut point every 83.34mm
LED pitch	11.90mm
Chip	Epistar
Beam angle	160°
Colours	RGBW
Bin/step	-
CRI	45.5
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP68
Mounting	Self-locking aluminium profile
Minimum bend radius	150mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

PERFORMANCE DATA (for 1000mm)

Power consumption	11.016W
Supply voltage	24V DC
Supply current	0.459A
Luminous flux	383.81Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ULTIMO NEON TV RGBW
Stated output	383.81lm per metre
Description	Flexible LED Neon, 2700K, 24V, 11.016W/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)	11.016
Input Current (mA DC)	459mA

LIGHT OUTPUT

Total light output (Lumens)	383.81
Luminaire efficacy (lm/W)	34.84
Beam angle	160°

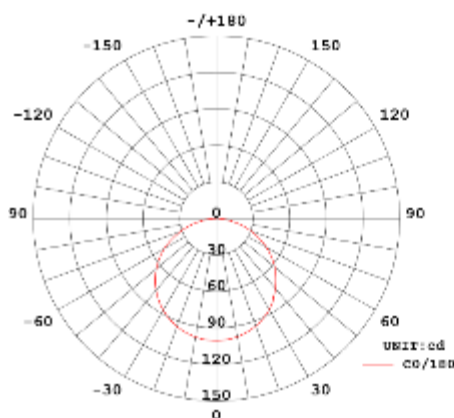
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	10416K
Colour rendering index (CRI, Ra)	45.5
Chromaticity coordinates (CIE 1931 - x,y)	0.2740, 0.2939

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
27	61	76	43	48	54	57	0	0	10	30	60	33	82	13

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

