



PRODUCT SPECIFICATION

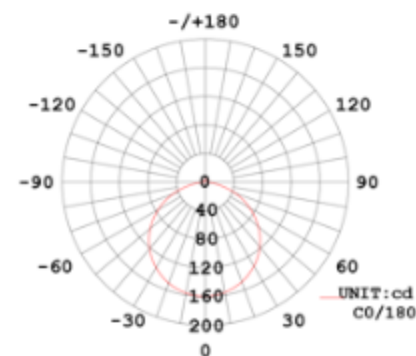
Dimension	H16/W16mm
PCB increment	Power connection and cut point every 55.56mm
LED pitch	9.26mm
Chip	Epistar
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	80.7
Lifetime	50000hrs @45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	150mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

PERFORMANCE DATA (for 1000mm)

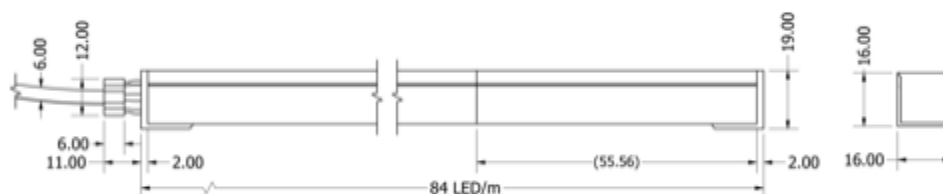
Power consumption	10.97W
Supply voltage	24V DC
Supply current	0.457A
Luminous flux	565.4Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ULTIMO NEON TV
Stated output	565.4lm per metre
Description	Flexible LED Neon, 4000K, 24V, 10.97W/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)	10.97
Input Current (mA DC)	457mA

LIGHT OUTPUT

Total light output (Lumens)	565.4
Luminaire efficacy (lm/W)	51.54
Beam angle	160°

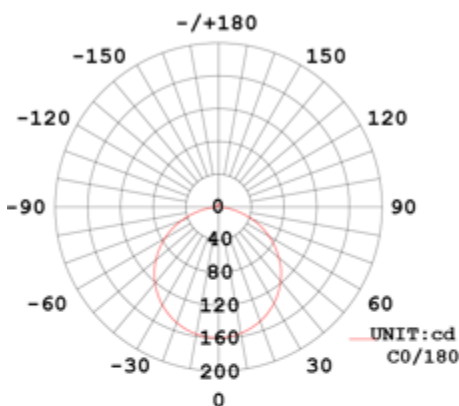
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4098K
Colour rendering index (CRI, Ra)	80.7
Chromaticity coordinates (CIE 1931 - x,y)	0.3804, 0.3906

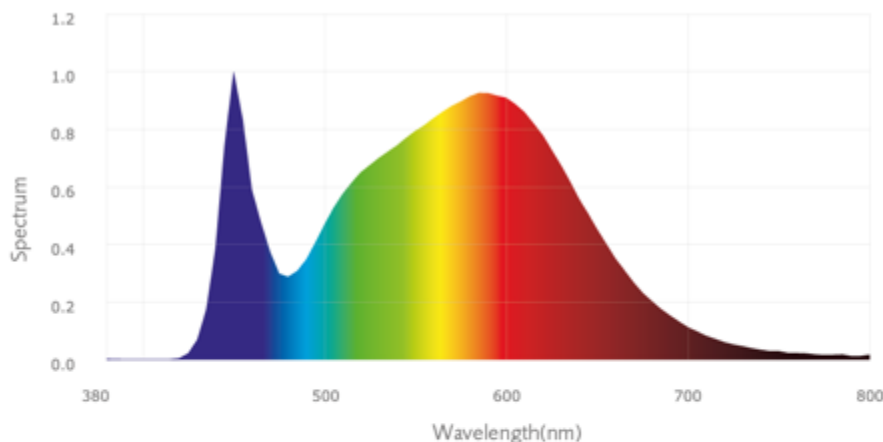
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
75	87	95	79	78	82	86	62	0	69	77	55	80	97	70

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



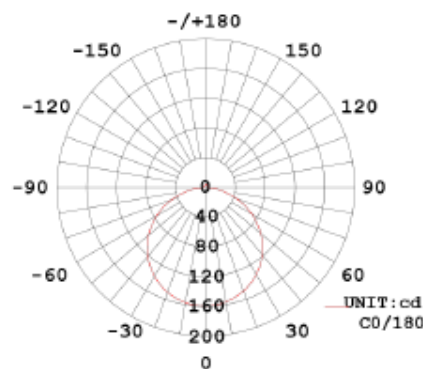


PRODUCT SPECIFICATION

Dimension	H16/W16mm
PCB increment	Power connection and cut point every 55.56mm
LED pitch	9.26mm
Chip	Epistar
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	79.0
Lifetime	50000hrs@45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	150mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PERFORMANCE DATA (for 1000mm)

Power consumption	10.85W
Supply voltage	24V DC
Supply current	0.452A
Luminous flux	519.5Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	ULTIMO TOP VIEW
Stated output	519.5lm per metre
Description	Flexible LED Neon, 4500K, 24V, 10.85W/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)	10.85
Input Current (mA DC)	452mA

■ LIGHT OUTPUT

Total light output (Lumens)	519.5
Luminaire efficacy (lm/W)	47.88
Beam angle	160°

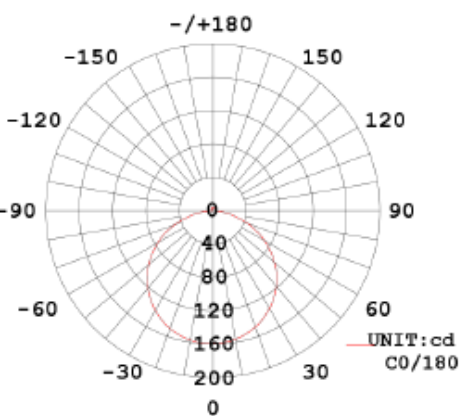
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4642K
Colour rendering index (CRI, Ra)	79.0
Chromaticity coordinates (CIE 1931 - x,y)	0.3582, 0.3747

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
75	87	95	75	76	81	85	58	0	69	73	52	78	97	68

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

