



PRODUCT SPECIFICATION

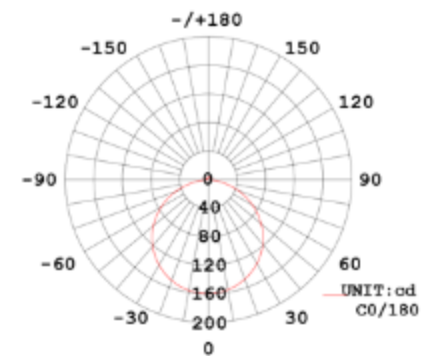
Dimension	H16/W16mm
PCB increment	Power connection and cut point every 55.56mm
LED pitch	9.26mm
Chip	Epistar
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	80.0
Lifetime	50000hrs @45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	150mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

PERFORMANCE DATA (for 1000mm)

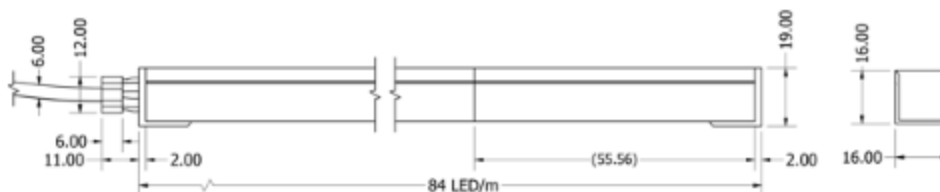
Power consumption	10.7W
Supply voltage	24V DC
Supply current	0.446A
Luminous flux	552.4Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ULTIMO NEON TV
Stated output	552.4lm per metre
Description	Flexible LED Neon, 3000K, 24V, 10.7W/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)	10.7
Input Current (mA DC)	446mA

LIGHT OUTPUT

Total light output (Lumens)	552.4
Luminaire efficacy (lm/W)	51.63
Beam angle	160°

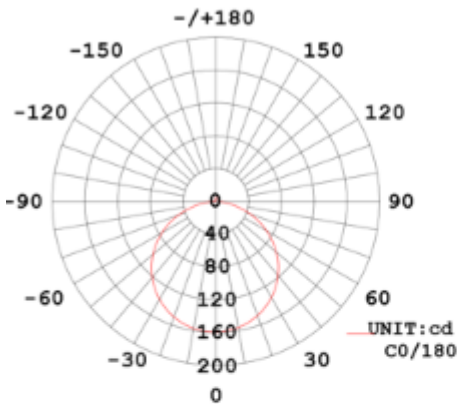
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3063K
Colour rendering index (CRI, Ra)	80.0
Chromaticity coordinates (CIE 1931 - x,y)	0.4368, 0.4116

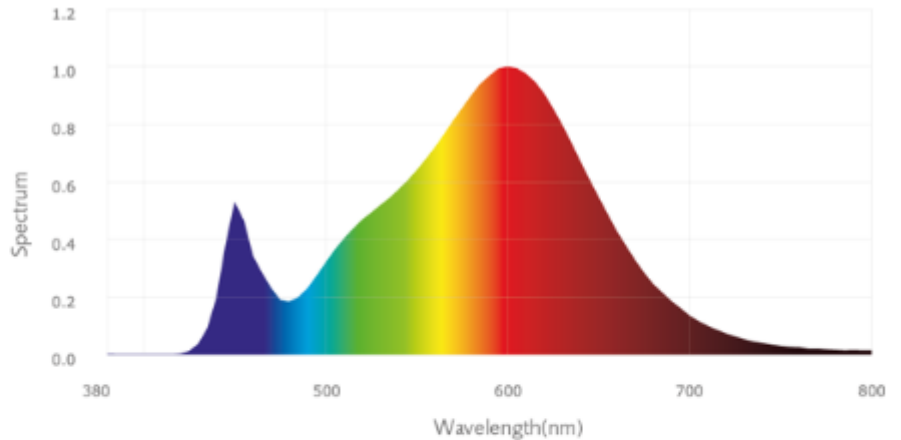
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
77	88	97	77	77	85	82	55	0	74	76	63	80	99	69

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



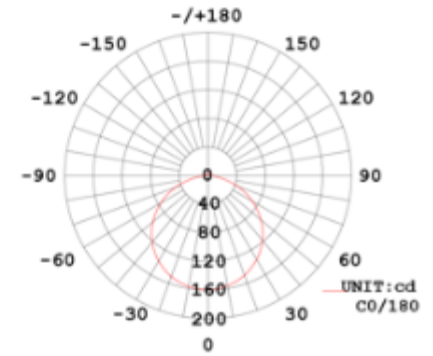


PRODUCT SPECIFICATION

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	80.4
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



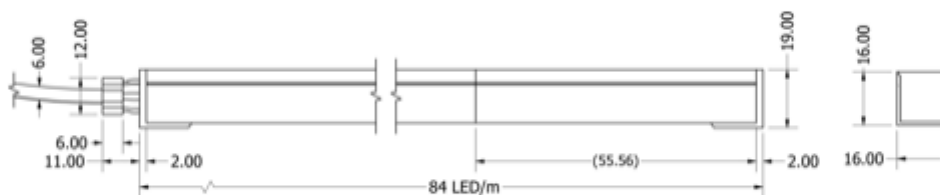
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PERFORMANCE DATA (for 1000mm)

Power consumption	10.9W
Supply voltage	24V DC
Supply current	0.454A
Luminous flux	552.4Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ULTIMO NEON TV
Stated output	552.4lm per metre
Description	Flexible LED Neon, 3500K, 24V, 10.9W/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)	10.9
Input Current (mA DC)	454mA

LIGHT OUTPUT

Total light output (Lumens)	552.4
Luminaire efficacy (lm/W)	50.68
Beam angle	160°

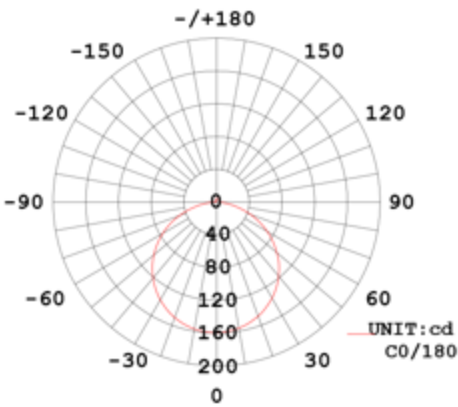
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3419K
Colour rendering index (CRI, Ra)	80.4
Chromaticity coordinates (CIE 1931 - x,y)	0.4163, 0.4093

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
77	87	97	78	77	84	85	58	0	71	76	58	80	98	69

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

