

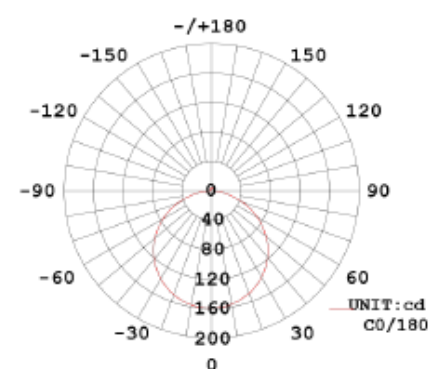


PRODUCT SPECIFICATION

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	79.6
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	537.16Lm/M

TECHNICAL DRAWING



■ PRODUCT DETAILS

Product name	ULTIMO TOP VIEW
Stated output	537.16lm per metre
Description	Flexible LED Neon, 2500K, 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 (WDC)	10.85
Input Current (mA DC)	452mA

■ LIGHT OUTPUT

Total light output (Lumens)	537.16
Luminaire efficacy (lm/W)	49.51
Beam angle	160°

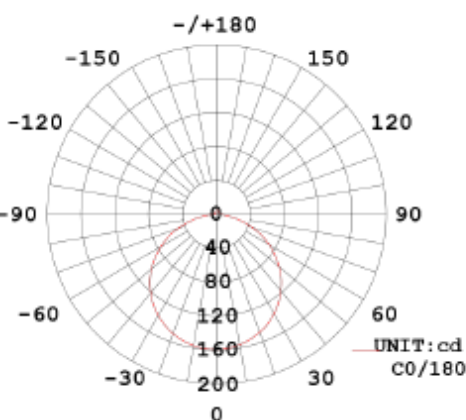
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2466K
Colour rendering index (CRI, Ra)	79.6
Chromaticity coordinates (CIE 1931 - x,y)	0.4871, 0.4254

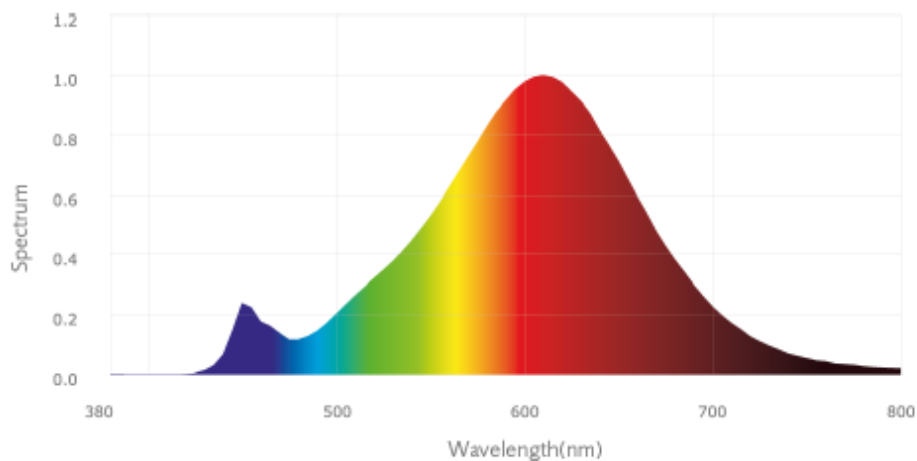
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
77	88	98	75	76	85	82	56	5	74	71	64	79	99	70

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



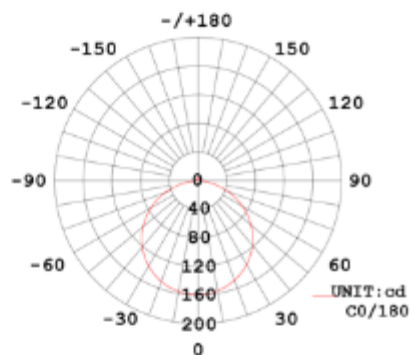


PRODUCT SPECIFICATION

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	79.3
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



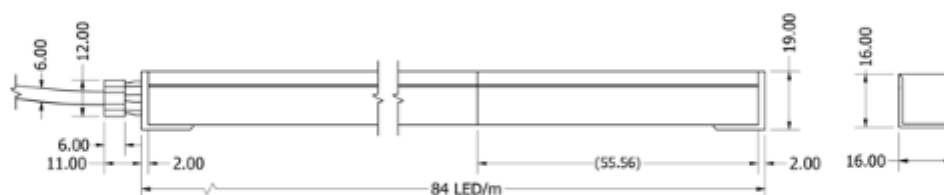
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PERFORMANCE DATA (for 1000mm)

Power consumption	11W
Supply voltage	24V DC
Supply current	0.458A
Luminous flux	534.5Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ULTIMO NEON TV
Stated output	534.5lm per metre
Description	Flexible LED Neon, 2700K, 24V, 11W/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)	11
Input Current (mA DC)	458mA

LIGHT OUTPUT

Total light output (Lumens)	534.5
Luminaire efficacy (lm/W)	48.59
Beam angle	160°

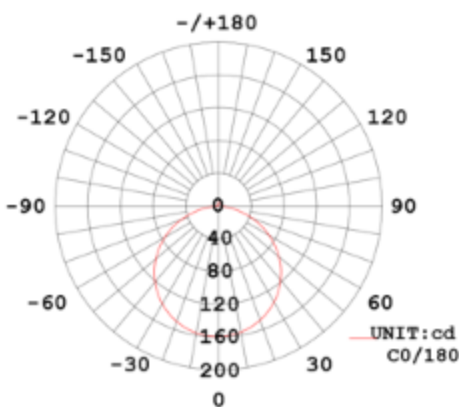
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2710K
Colour rendering index (CRI, Ra)	79.3
Chromaticity coordinates (CIE 1931 - x,y)	0.4650, 0.4213

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
77	89	97	76	76	87	81	52	0	75	75	65	79	99	68

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

