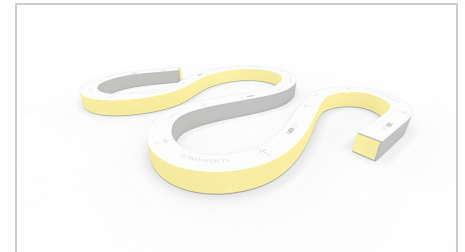


PRODUCT SPECIFICATION

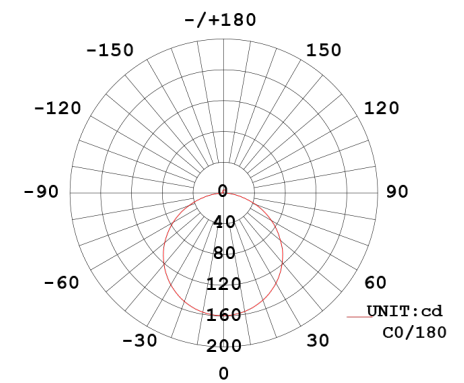
Dimension	H16/W16mm
PCB increment	Power connection and cut point every 55.56mm
LED pitch	9.26mm
Chip	Epistar
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	80.1
Lifetime	50000hrs@45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	150mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

PERFORMANCE DATA (for 1000mm)

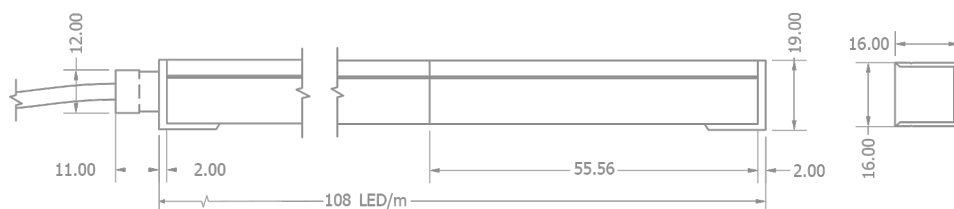
Power consumption	11.08W
Supply voltage	24V DC
Supply current	0.462A
Luminous flux	463.66Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ULTIMO TOP VIEW
Stated output	463.66lm per metre
Description	Flexible LED Neon, 5700K, 24V, 11.08W/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)	11.08
Input Current (mA DC)	462mA

LIGHT OUTPUT

Total light output (Lumens)	463.66
Luminaire efficacy (lm/W)	41.85
Beam angle	160°

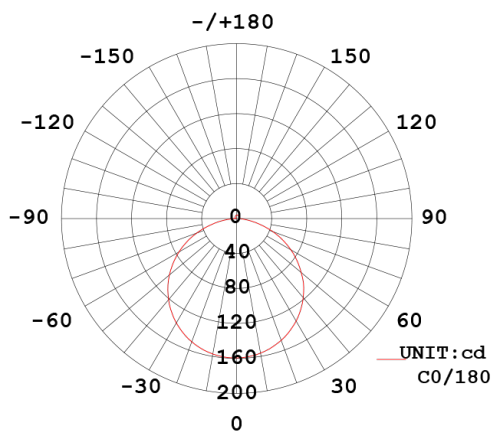
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	5883K
Colour rendering index (CRI, Ra)	80.1
Chromaticity coordinates (CIE 1931 - x,y)	0.3236, 0.3479

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
76	87	93	76	77	81	87	65	0	68	73	52	79	96	71

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

