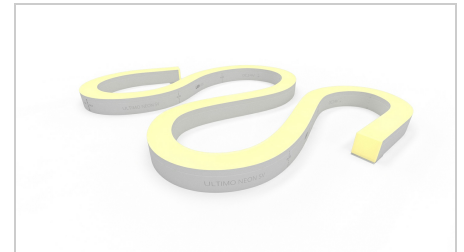


■ PRODUCT SPECIFICATION

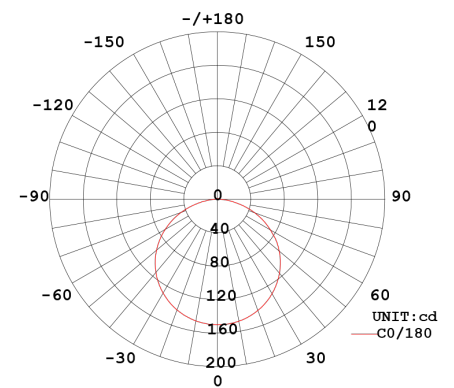
Dimension	H16/W16mm
PCB increment	Power connection and cut point every 55.56mm
LED pitch	9.26mm
Chip	Epistar
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	83.1
Lifetime	50000hrs@45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	150mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

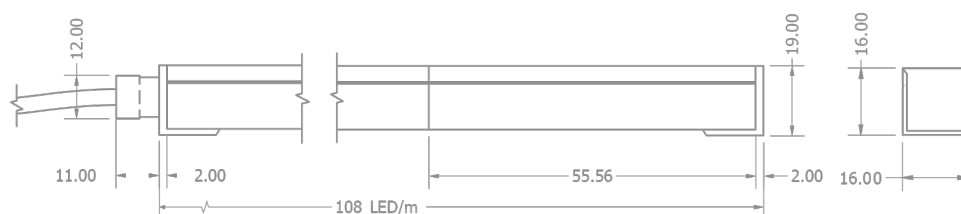
Power consumption	11W
Supply voltage	24V DC
Supply current	0.458A
Luminous flux	545.86Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ULTIMO SIDE VIEW
Stated output	545.86lm per metre
Description	Flexible LED Neon, 4000K, 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 (WDC)	11
Input Current (mA DC)	458mA

LIGHT OUTPUT

Total light output (Lumens)	545.86
Luminaire efficacy (lm/W)	49.62
Beam angle	160°

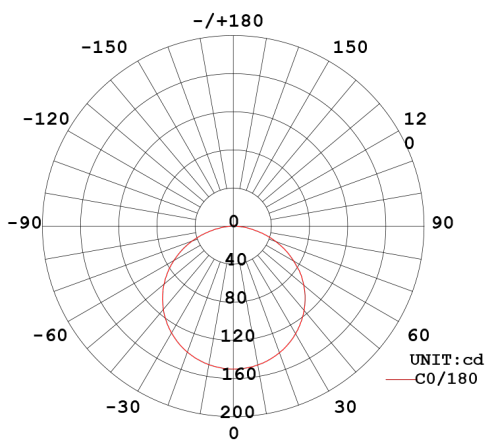
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4322K
Colour rendering index (CRI, Ra)	83.1
Chromaticity coordinates (CIE 1931 - x,y)	0.3711, 0.3865

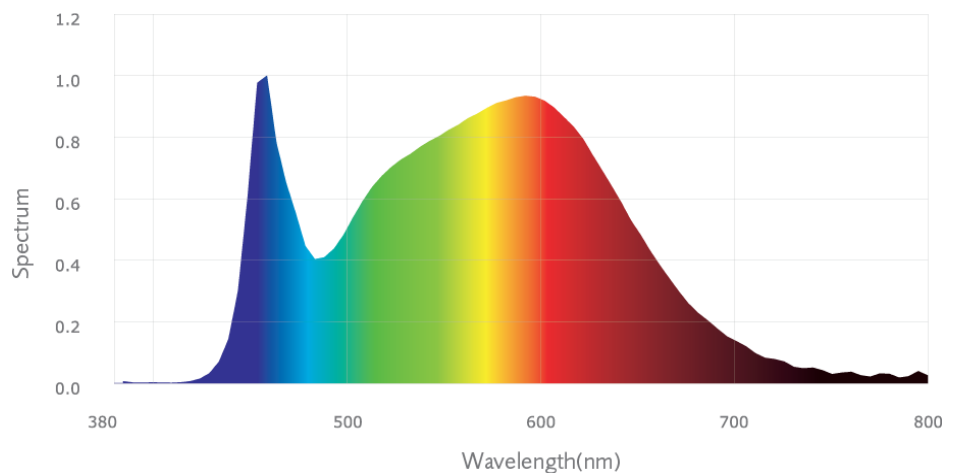
COLOUR RENDERING INDEX

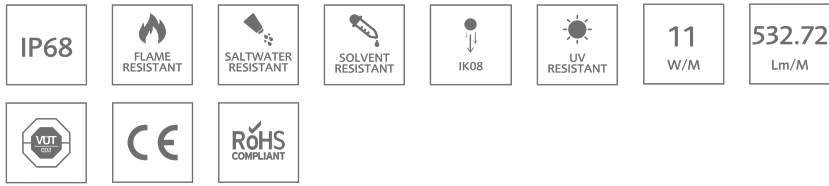
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
81	90	97	80	80	86	87	65	8	76	79	57	83	98	73

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



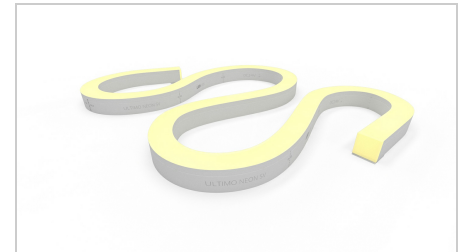


■ PRODUCT SPECIFICATION

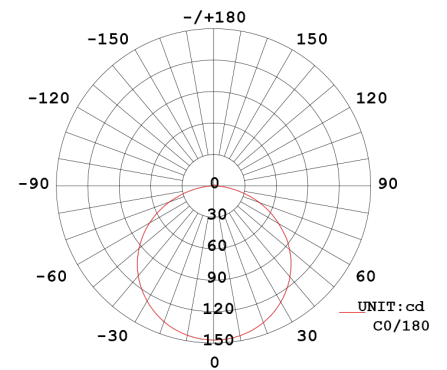
Dimension	H16/W16mm
PCB increment	Power connection and cut point every 55.56mm
LED pitch	9.26mm
Chip	Epistar
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	81.8
Lifetime	50000hrs@45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	150mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

■ PERFORMANCE DATA (for 1000mm)

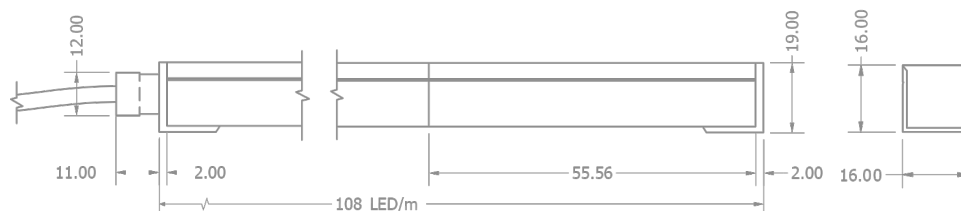
Power consumption	11W
Supply voltage	24V DC
Supply current	0.458A
Luminous flux	532.72Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ULTIMO SIDE VIEW
Stated output	532.72lm per metre
Description	Flexible LED Neon, 4500K, 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 (WDC)	11
Input Current (mA DC)	458mA

LIGHT OUTPUT

Total light output (Lumens)	532.72
Luminaire efficacy (lm/W)	48.43
Beam angle	160°

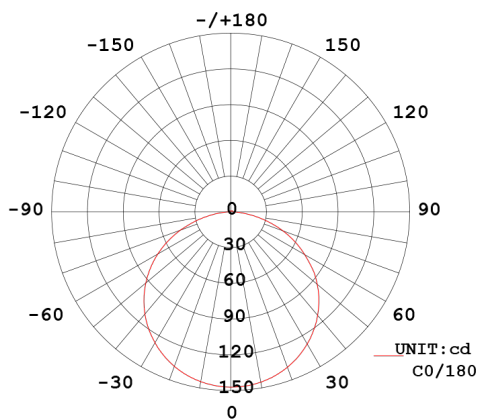
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4759K
Colour rendering index (CRI, Ra)	81.8
Chromaticity coordinates (CIE 1931 - x,y)	0.3456, 0.2087

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
79	87	95	80	79	83	88	65	1	71	78	55	81	97	72

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

