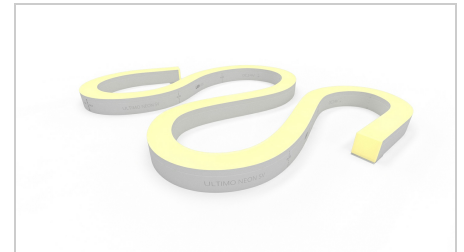


## ■ PRODUCT SPECIFICATION

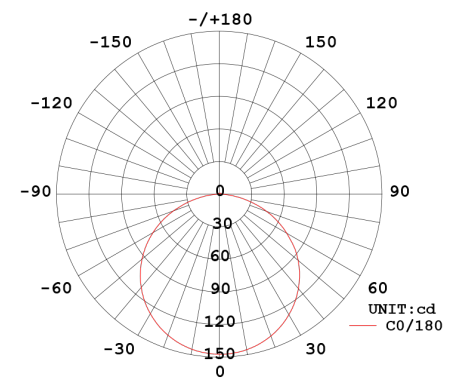
Dimension	H16/W16mm
PCB increment	Power connection and cut point every 55.56mm
LED pitch	9.26mm
Chip	Epistar
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	82.3
Lifetime	50000hrs@45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	150mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

## ■ PERFORMANCE DATA (for 1000mm)

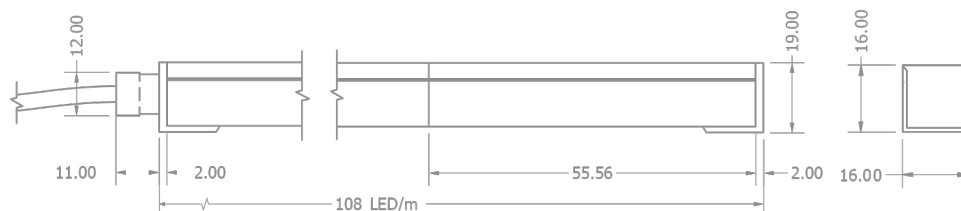
Power consumption	11W
Supply voltage	24V DC
Supply current	0.458A
Luminous flux	535.26Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## TECHNICAL DRAWING



## PRODUCT DETAILS

Product name	ULTIMO SIDE VIEW
Stated output	535.26lm per metre
Description	Flexible LED Neon, 5000K, 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)	535.26
Luminaire efficacy (lm/W)	48.66
Beam angle	160°

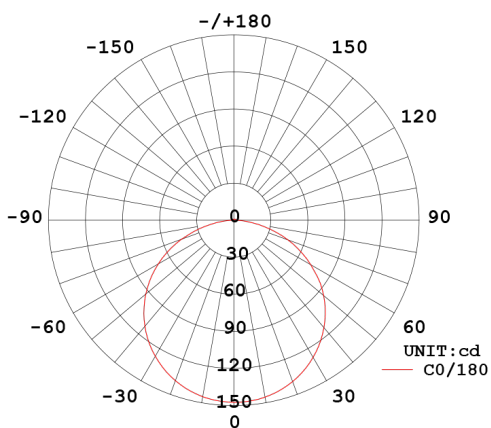
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	5334K
Colour rendering index (CRI, Ra)	82.3
Chromaticity coordinates (CIE 1931 - x,y)	0.3372, 0.3682

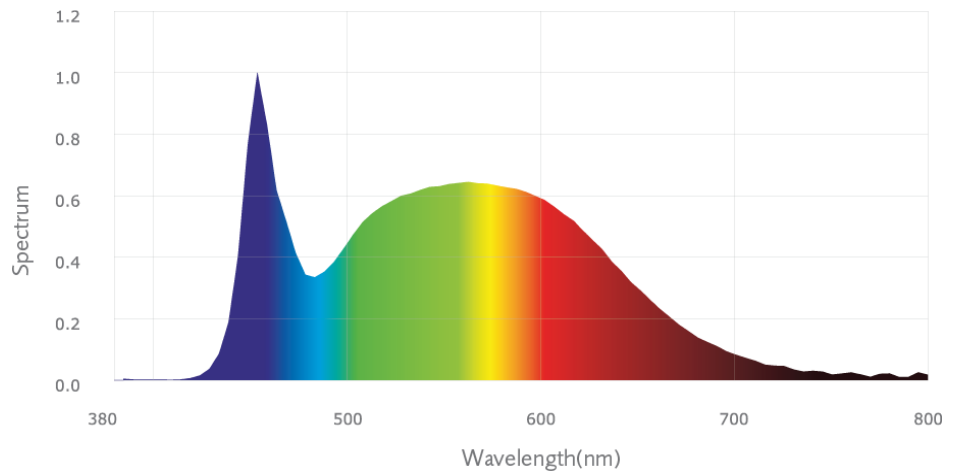
## COLOUR RENDERING INDEX

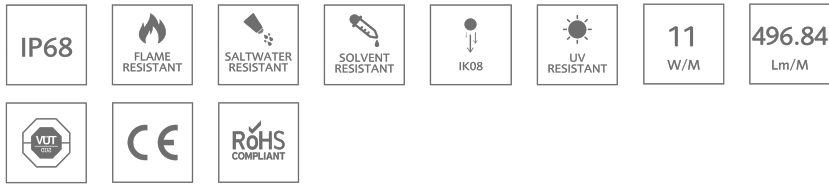
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
78	87	95	81	80	84	88	65	0	71	79	59	81	97	72

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



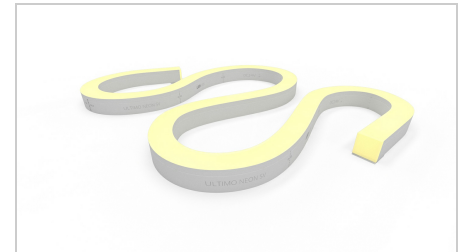


## ■ PRODUCT SPECIFICATION

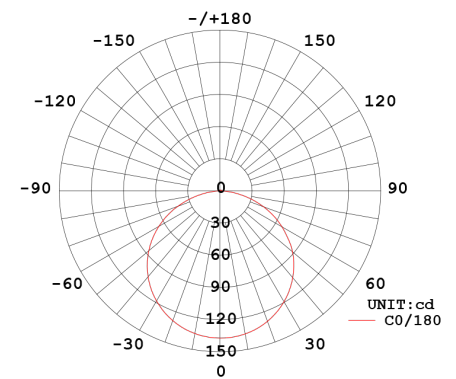
Dimension	H16/W16mm
PCB increment	Power connection and cut point every 55.56mm
LED pitch	9.26mm
Chip	Epistar
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	83.1
Lifetime	50000hrs@45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile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

## ■ PERFORMANCE DATA (for 1000mm)

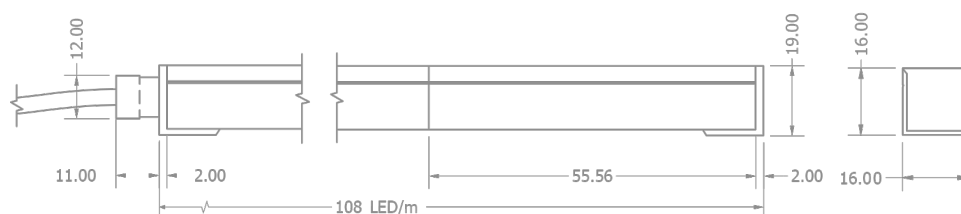
Power consumption	11W
Supply voltage	24V DC
Supply current	0.458A
Luminous flux	496.84Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## TECHNICAL DRAWING



## PRODUCT DETAILS

Product name	ULTIMO SIDE VIEW
Stated output	496.84lm per metre
Description	Flexible LED Neon, 5700K, 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)	496.84
Luminaire efficacy (lm/W)	45.17
Beam angle	160°

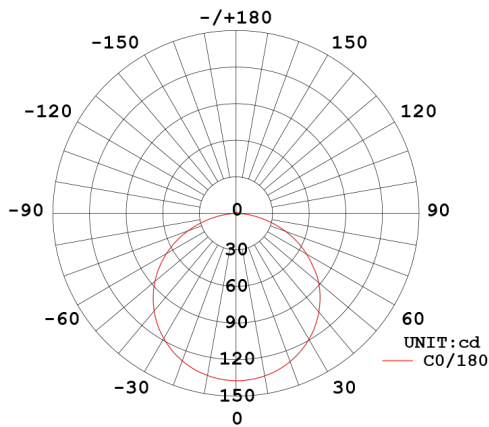
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	5944K
Colour rendering index (CRI, Ra)	83.1
Chromaticity coordinates (CIE 1931 - x,y)	0.3224, 03452

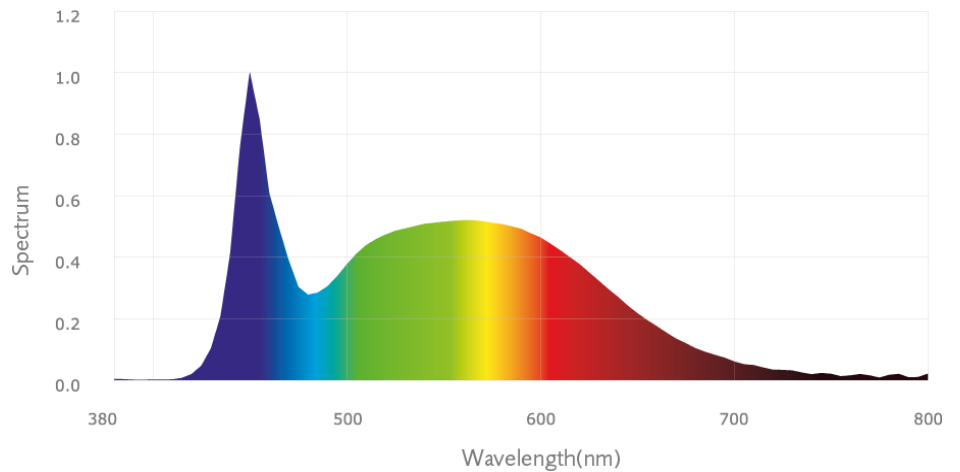
## COLOUR RENDERING INDEX

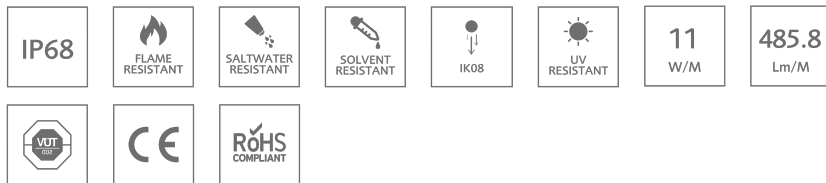
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
80	88	93	82	81	83	88	68	6	72	81	59	82	96	75

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



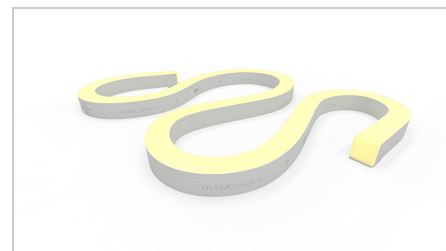


## ■ PRODUCT SPECIFICATION

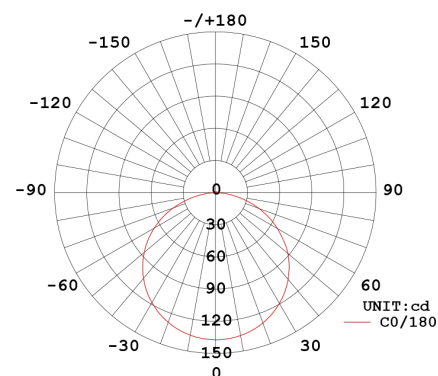
Dimension	H16/W16mm
PCB increment	Power connection and cut point every 55.56mm
LED pitch	9.26mm
Chip	Epistar
Beam angle	160°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	84.7
Lifetime	50000hrs@45°
Operating temp.	0 - 45°C
IP rating	IP68
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	150mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

## ■ PERFORMANCE DATA (for 1000mm)

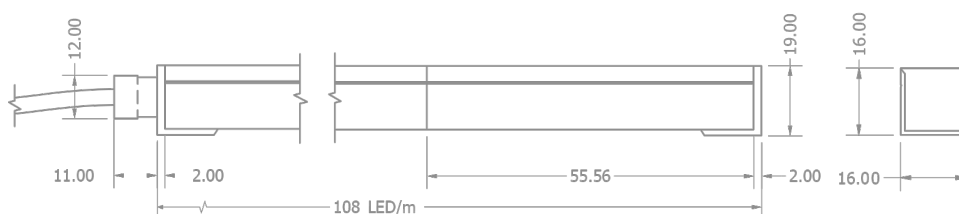
Power consumption	11W
Supply voltage	24V DC
Supply current	0.458A
Luminous flux	485.8Lm/M



LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## TECHNICAL DRAWING



## PRODUCT DETAILS

Product name	ULTIMO SIDE VIEW
Stated output	485.8lm per metre
Description	Flexible LED Neon, 6500K, 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)	485.8
Luminaire efficacy (lm/W)	44.16
Beam angle	160°

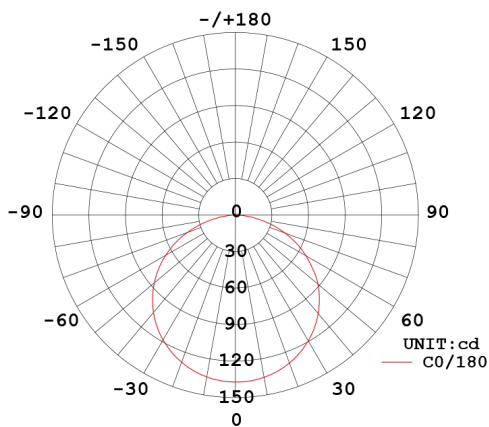
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	6439K
Colour rendering index (CRI, Ra)	84.7
Chromaticity coordinates (CIE 1931 - x,y)	0.3138, 0.3303

## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
83	89	92	84	84	84	89	72	16	74	83	59	85	96	79

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

