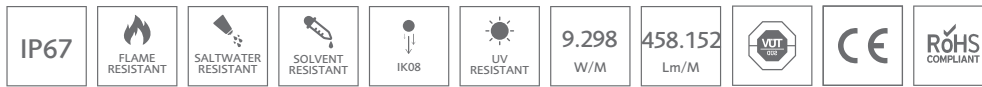


ULTIMO NEON - 3D 2700K

SPECIFICATION SHEET



PRODUCT SPECIFICATION

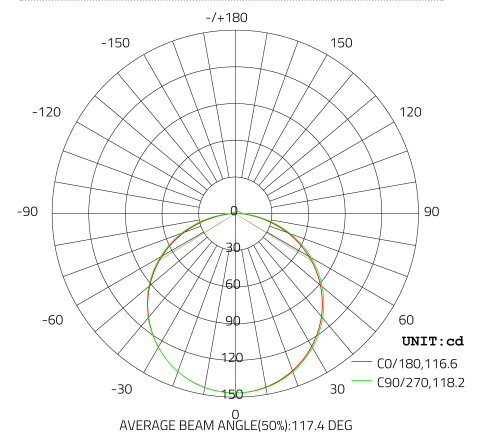
Dimension	H15/W16mm
PCB increment	Power connection and cut point every 83.34mm.
LED pitch	8.34mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	82.3
Lifetime	50,000 hours @ 45°
Operating temp.	-20 - 50°C
IP rating	IP67
Mounting	Aluminium profile / self locking aluminium profile
Minimum bend radius	60 mm / 360° twist angle
Connection	Hardwire tails or male/female connectors
Control	0-10V/DALI/DMX



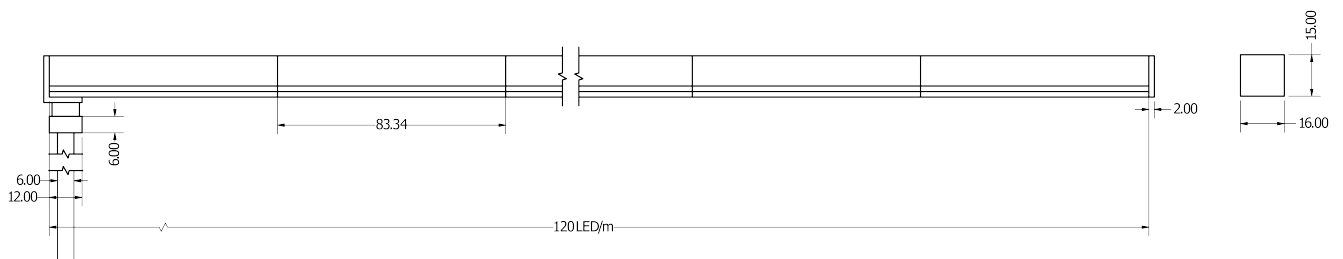
PERFORMANCE DATA (for 1000mm)

Power consumption	9.298 W
Supply voltage	24V DC
Supply current	0.3874A
Luminous flux	458.152lm/M

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ULTIMO NEON 3D PVC 2700K
Stated output	458.152lm per metre
Description	Flexible self addressable LED tape, 2700K, 24V, 9.298 W/m
Quantity/length of product tested	1 x 1000mm
Bin tolerance/#. MacAdams ellipse of chip	3 Step MacAdam ellipse (+/- 91K)

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (W DC)	9.298
Input Current (mA DC)	387

LIGHT OUTPUT

Total light output (Lumens)	458.152
Luminaire efficacy (lm/W)	49.27
Beam angle	120°

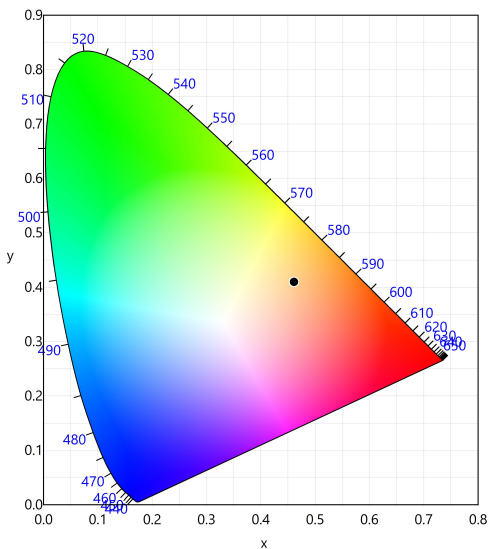
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2676K
Colour rendering index (CRI, Ra)	82.3
Chromaticity coordinates (CIE 1931 - x,y)	0.4611, 0.4097

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
81	93	93	79	82	93	80	57	8	85	78	76	84	97	73

CHROMACITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

