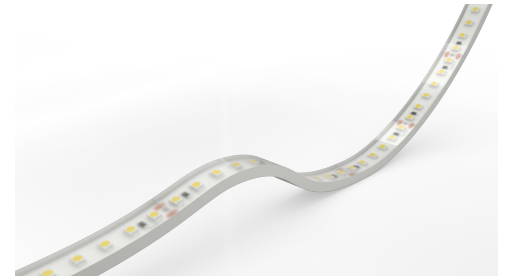


PRODUCT SPECIFICATION

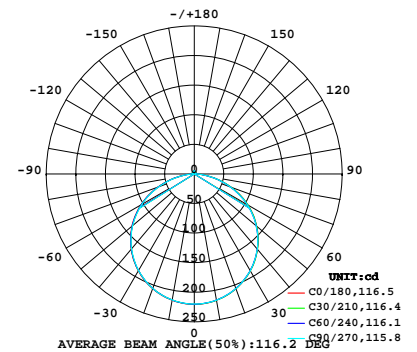
Dimension	H6/W13mm
PCB increment	Power connection and cut point every 50mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	97.7
Lifetime	50,000 hours @ 45°
Operating temp.	-20 - 45°C
IP rating	IP67
Mounting	Mounting clips
Minimum bend radius	50mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/DMX/DALI



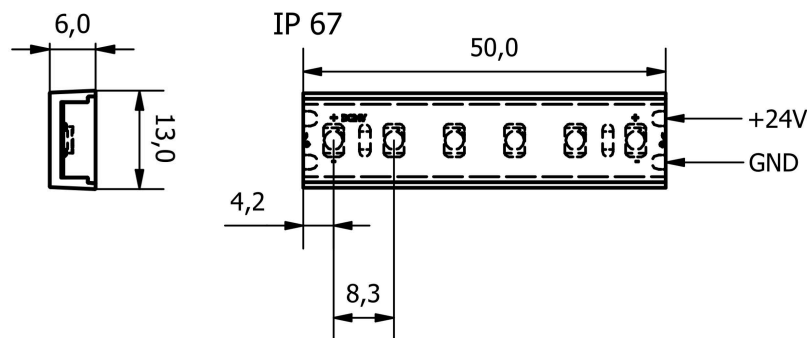
PERFORMANCE DATA (for 1000mm)

Power consumption	9.70 W
Supply voltage	24V DC
Supply current	0.4043 A
Luminous flux	676.71 lm/m

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



TECHNICAL DRAWING



PRODUCT DETAILS

Product name	HYDRO LINE
Stated output	676.71 lm per metre
Description	Flexible LED tape, 2700K, 24V, 9.7W/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)	9.7
Input Current (mA DC)	404mA

LIGHT OUTPUT

Total light output (Lumens)	676.71
Luminaire efficacy (lm/W)	85.13
Beam angle	120°

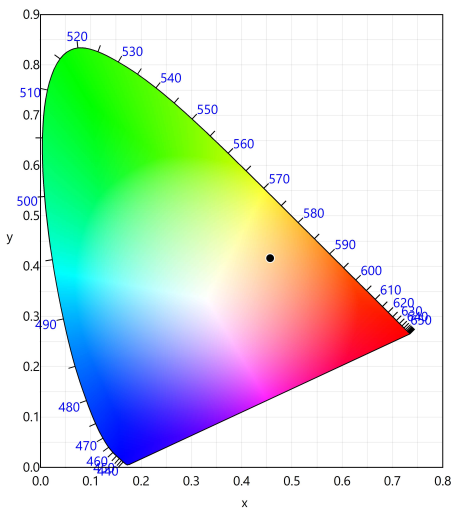
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2785K
Colour rendering index (CRI, Ra)	97.7
Chromaticity coordinates (CIE 1931 - x,y)	0.4567, 0.4157

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
99	98	93	97	99	97	98	99	98	93	95	86	99	95	99

CHROMACITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

