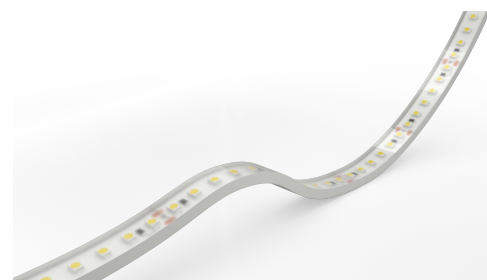


## PRODUCT SPECIFICATION

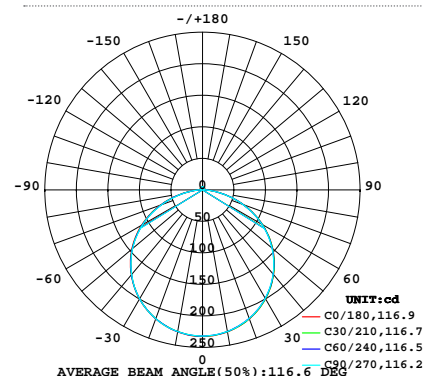
Dimension	H6/W13mm
PCB increment	Power connection and cut point every 50mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	97.9
Lifetime	50,000 hours @ 45°
Operating temp.	-20 - 45°C
IP rating	IP68
Mounting	Mounting clips
Minimum bend radius	50mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/DMX/DALI



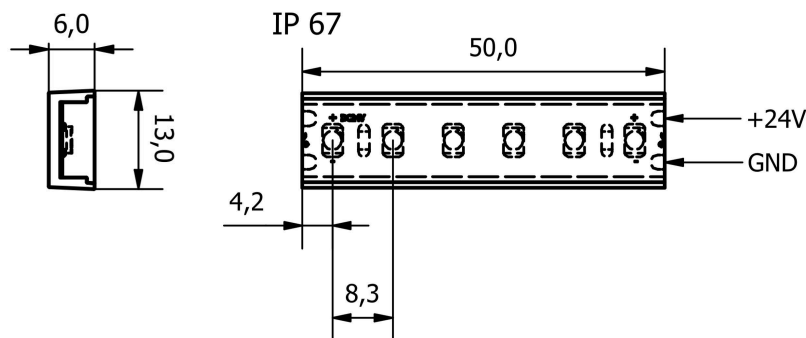
## PERFORMANCE DATA (for 1000mm)

Power consumption	10 W
Supply voltage	24V DC
Supply current	0.417A
Luminous flux	716 lm/m

## LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



## TECHNICAL DRAWING



## PRODUCT DETAILS

Product name	HYDRO LINE
Stated output	716 lm per metre
Description	Flexible LED tape, 3000K, 24V, 10W/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)	10
Input Current (mA DC)	417mA

## LIGHT OUTPUT

Total light output (Lumens)	716
Luminaire efficacy (lm/W)	87.41
Beam angle	120°

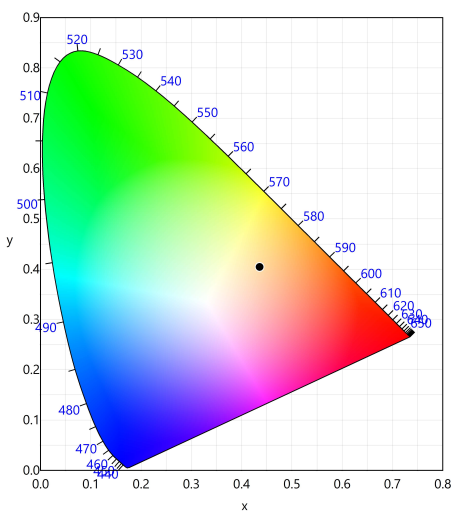
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3020K
Colour rendering index (CRI, Ra)	97.9
Chromaticity coordinates (CIE 1931 - x,y)	0.4358, 0.4042

## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98	99	96	99	98	98	98	97	97	99	98	82	98	97	97

## CHROMACITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

