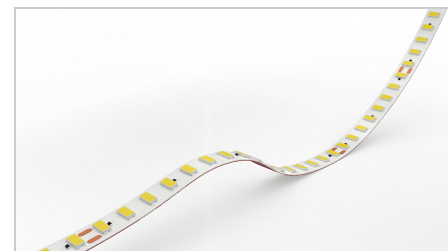


■ PRODUCT SPECIFICATION

Dimension	L5000/W10mm
PCB increment	Power connection and cut point every 100mm
LED pitch	8.92mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse (+/-91K)
CRI	83.9
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

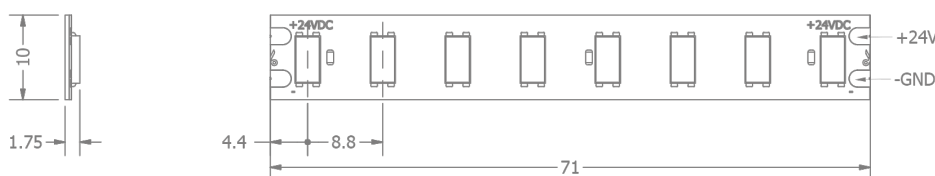


■ PERFORMANCE DATA (for 1000mm)

Power consumption	18.6W
Supply voltage	24V DC
Supply current	0.775A
Luminous flux	2690Lm/M

TECHNICAL DRAWING

IP 20/54



■ PRODUCT DETAILS

Product name	INTENSE FLEX 112
Stated output	2690lm per metre
Description	Flexible LED Tape, 4000K, 24V, 18.6W/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 (WDC)	18.6
Input Current (mA DC)	775mA

■ LIGHT OUTPUT

Total light output (Lumens)	2690
Luminaire efficacy (lm/W)	144.62
Beam angle	120°

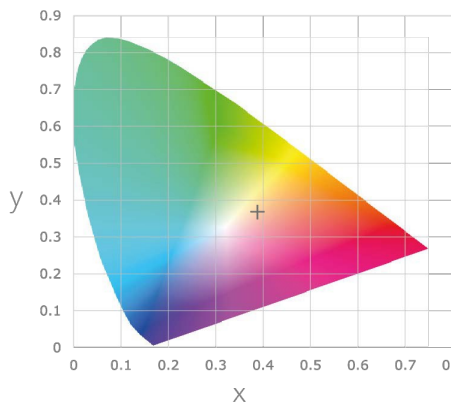
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3946K
Colour rendering index (CRI, Ra)	83.9
Chromaticity coordinates (CIE 1931 - x,y)	0.3824, 0.3765

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
83	92	96	81	83	88	85	64	12	80	80	62	86	98	77

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

