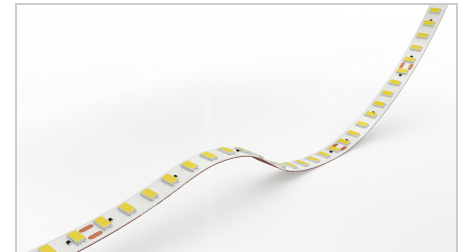


## ■ PRODUCT SPECIFICATION

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	82.1
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

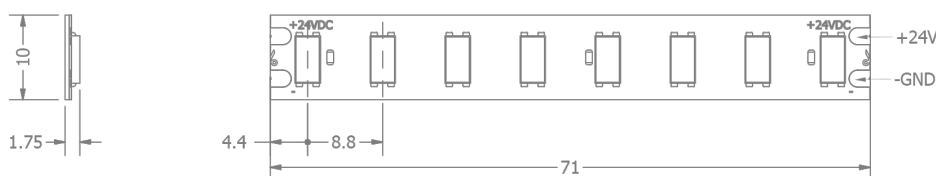


## ■ PERFORMANCE DATA (for 1000mm)

Power consumption	19.6W
Supply voltage	24V DC
Supply current	0.817A
Luminous flux	2575Lm/M

## TECHNICAL DRAWING

### IP 20/54



## ■ PRODUCT DETAILS

Product name	INTENSE FLEX 112
Stated output	2575lm per metre
Description	Flexible LED Tape, 2700K, 24V, 19.6W/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)	19.6
Input Current (mA DC)	817mA

## ■ LIGHT OUTPUT

Total light output (Lumens)	2575
Luminaire efficacy (lm/W)	131.38
Beam angle	120°

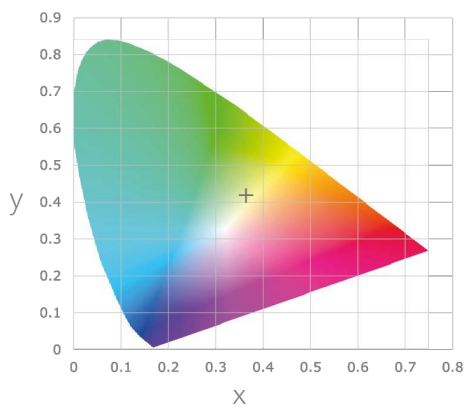
## ■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2745K
Colour rendering index (CRI, Ra)	82.1
Chromaticity coordinates (CIE 1931 - x,y)	0.4625, 0.4214

## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
80	92	96	78	80	90	82	58	8	81	77	69	83	98	72

## CHROMATICITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

