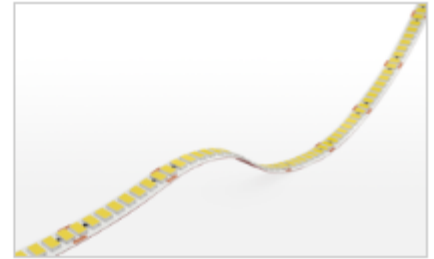


PRODUCT SPECIFICATION

Dimension	L5000/W10mm
PCB increment	Power connection and cut point every 35.7mm
LED pitch	4.46mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	82.9
Lifetime	50000hrs @45o°
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

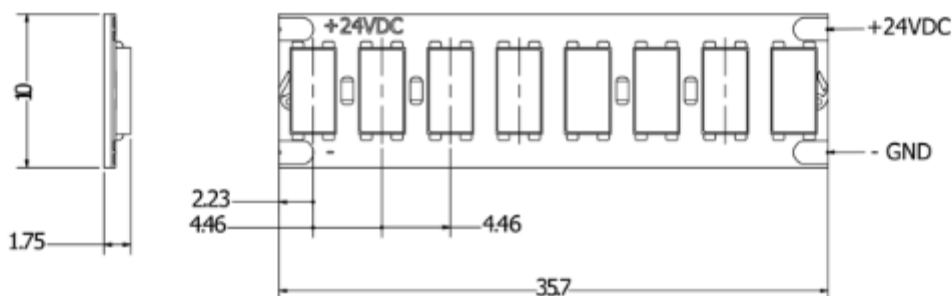


PERFORMANCE DATA (for 1000mm)

Power consumption	22.7W
Supply voltage	24V DC
Supply current	0.946A
Luminous flux	2962Lm/M

TECHNICAL DRAWING

IP 20/54



PRODUCT DETAILS

Product name	INTENSE FLEX 224
Stated output	2962lm per metre
Description	Flexible LED Tape, 2700K, 24V, 22.7W/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)	22.7
Input Current (mA DC)	946mA

LIGHT OUTPUT

Total light output (Lumens)	2962
Luminaire efficacy (lm/W)	130.48
Beam angle	120°

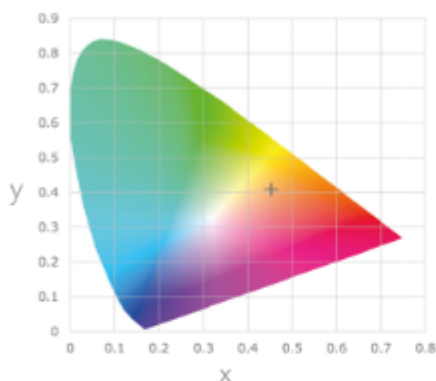
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2760K
Colour rendering index (CRI, Ra)	82.9
Chromaticity coordinates (CIE 1931 - x,y)	0.4568, 0.4127

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
82	94	93	79	82	93	81	59	12	86	78	74	85	97	74

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

