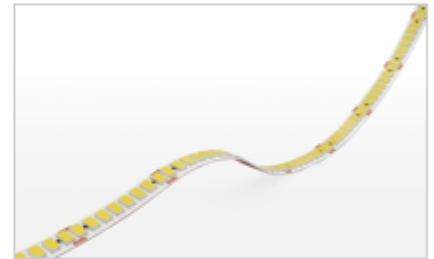


## PRODUCT SPECIFICATION

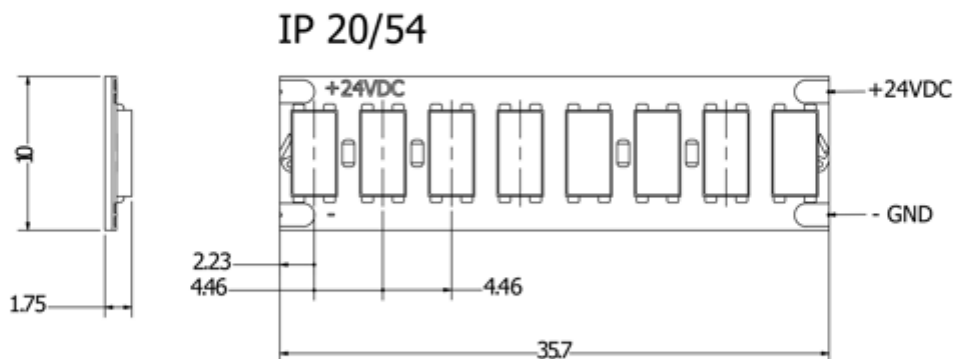
Dimension	L5000/W10mm
PCB increment	Power connection and cut point every 35.7mm
LED pitch	4.46mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	82.8
Lifetime	50000hrs @45o°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



## PERFORMANCE DATA (for 1000mm)

Power consumption	20.86W
Supply voltage	24V DC
Supply current	0.869A
Luminous flux	2884Lm/M

## TECHNICAL DRAWING



## PRODUCT DETAILS

Product name	INTENSE FLEX 224
Stated output	2884lm per metre
Description	Flexible LED Tape, 3000K, 24V, 20.86W/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)	20.86
Input Current (mA DC)	869mA

## LIGHT OUTPUT

Total light output (Lumens)	2884
Luminaire efficacy (lm/W)	138.26
Beam angle	120°

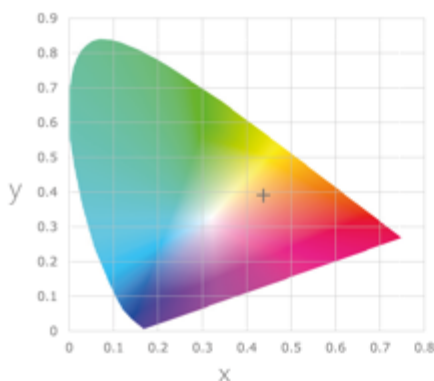
## COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3092K
Colour rendering index (CRI, Ra)	82.8
Chromaticity coordinates (CIE 1931 - x,y)	0.4288, 0.3979

## COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
82	93	94	79	82	91	82	59	9	84	78	70	85	98	75

## CHROMATICITY DIAGRAM



## SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

