



PRODUCT SPECIFICATION

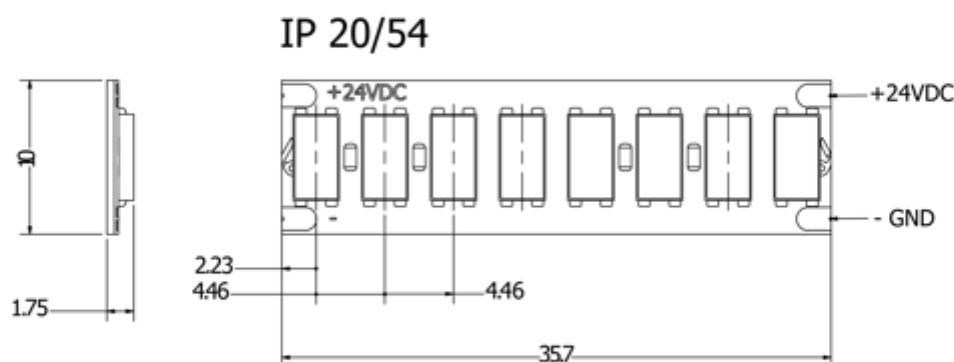
Dimension	L5000/W10mm
PCB increment	Power connection and cut point every 35.7mm
LED pitch	4.46mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	86.4
Lifetime	50000hrs @45o°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	22.11W
Supply voltage	24V DC
Supply current	0.921A
Luminous flux	3040Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	INTENSE FLEX 224
Stated output	3040lm per metre
Description	Flexible LED Tape, 6000K, 24V, 22.11W/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)	22.11
Input Current (mA DC)	921mA

LIGHT OUTPUT

Total light output (Lumens)	3040
Luminaire efficacy (lm/W)	137.49
Beam angle	120°

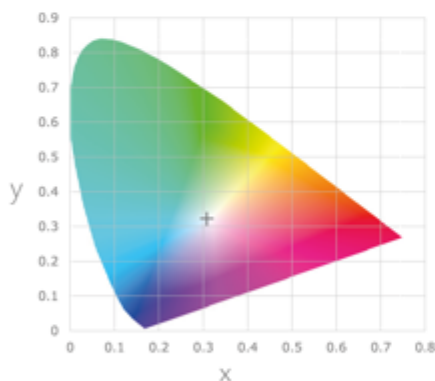
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	6307K
Colour rendering index (CRI, Ra)	86.4
Chromaticity coordinates (CIE 1931 - x,y)	0.3166, 0.3275

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
86	94	94	83	85	87	88	73	27	82	83	58	89	98	83

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

