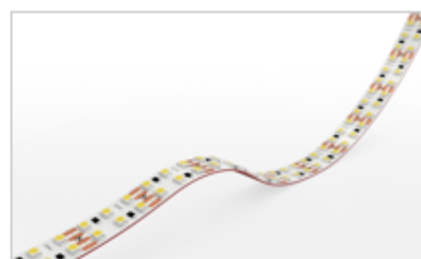




PRODUCT SPECIFICATION

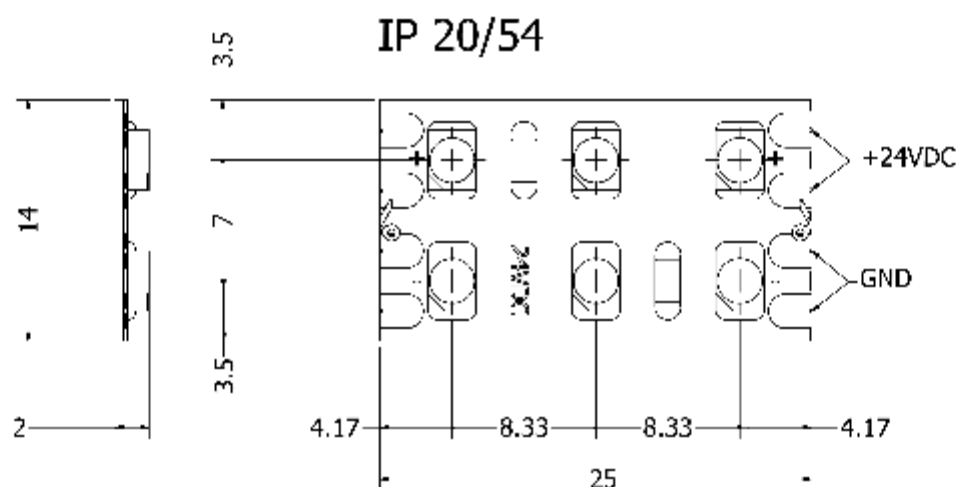
Dimension	L5000/W14mm
PCB increment	Power connection and cut point every 25mm
LED pitch	4.17mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	94.8
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP0.3/03/03/0
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	19.55W
Supply voltage	24V DC
Supply current	0.815A
Luminous flux	1371.4lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	ECO FLEX 240 DL
Stated output	1371.4lm per metre
Description	Flexible LED Tape, 6000K, 24V, 19.55W/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)	19.55
Input Current (mA DC)	815mA

LIGHT OUTPUT

Total light output (Lumens)	1371.4
Luminaire efficacy (lm/W)	70.15
Beam angle	120°

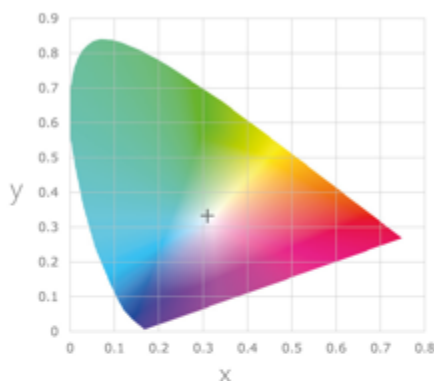
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	6331K
Colour rendering index (CRI, Ra)	94.8
Chromaticity coordinates (CIE 1931 - x,y)	0.3157, 0.3314

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96	98	96	92	93	93	95	94	90	93	93	67	97	98	94

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

