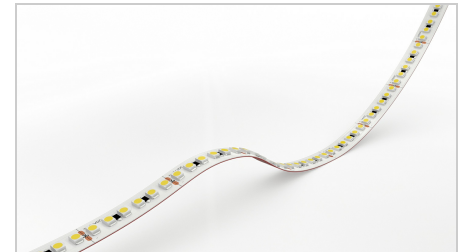


■ PRODUCT SPECIFICATION

Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 33.33mm
LED pitch	5.60mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	93.7
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/54/67/68
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

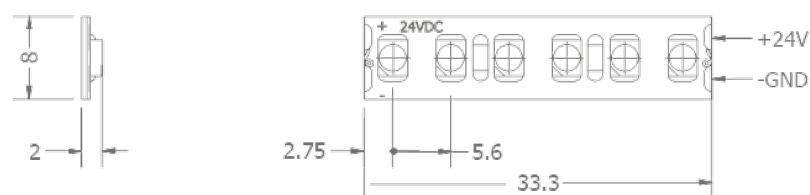


■ PERFORMANCE DATA (for 1000mm)

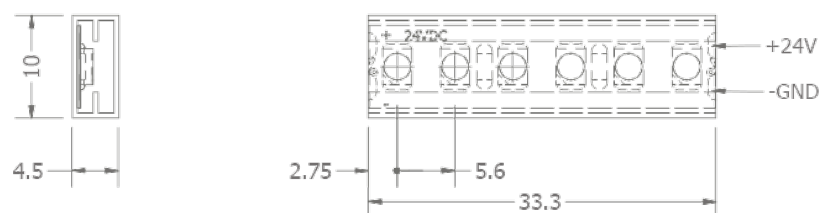
Power consumption	15.1W
Supply voltage	24V DC
Supply current	0.629A
Luminous flux	965.4Lm/M

TECHNICAL DRAWING

IP 20/54



IP 67/68



PRODUCT DETAILS

Product name	ECO FLEX 180
Stated output	965.4lm per metre
Description	Flexible LED Tape, 2400K, 24V, 15.1W/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 (WDC)	15.1
Input Current (mA DC)	629mA

LIGHT OUTPUT

Total light output (Lumens)	965.4
Luminaire efficacy (lm/W)	63.93
Beam angle	120°

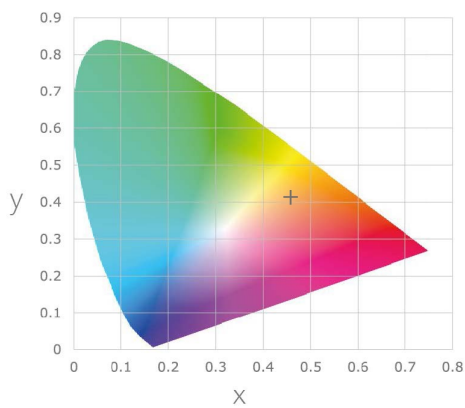
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2321K
Colour rendering index (CRI, Ra)	93.7
Chromaticity coordinates (CIE 1931 - x,y)	0.4951, 0.4173

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94	97	99	93	94	98	92	83	64	93	95	87	95	98	89

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

