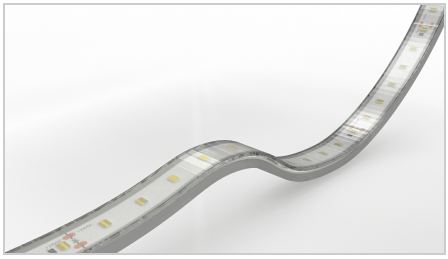
DURO FLEX - 72 5000K

IP67 | FLAME RESISTANT | SALTWATER RESISTANT | SOLVENT RESISTANT | IK08 | UV RESISTANT | 11.16 W/M | 1054 Lm/M

VDE | CE | RoHS COMPLIANT

PRODUCT SPECIFICATION

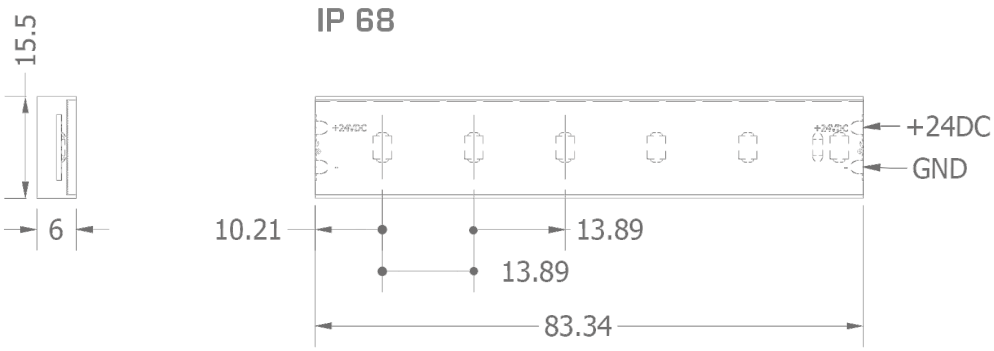
Dimension	L1000/W6mm
PCB increment	Power connection and cut point every 83.334mm
LED pitch	13.80mm
Chip	Epistar
Beam angle	150°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	85.2
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP67
Mounting	Aluminium profile
Minimum bend radius	25mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	11.16W
Supply voltage	24V DC
Supply current	0.465A
Luminous flux	1054Lm/M

TECHNICAL DRAWING



+44 (0) 203 137 7305
info@led-flex.co.uk
www.led-flex.co.uk

DURO FLEX - 72 5000K

PHOTOMETRIC TEST REPORT

PRODUCT DETAILS

Product name	DURO FLEX 72
Stated output	1054lm per metre
Description	Flexible LED Tape, 5000K, 24V, 11.16W/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)	11.16
Input Current (mA DC)	465mA

LIGHT OUTPUT

Total light output (Lumens)	1054
Luminaire efficacy (lm/W)	94.44
Beam angle	150°

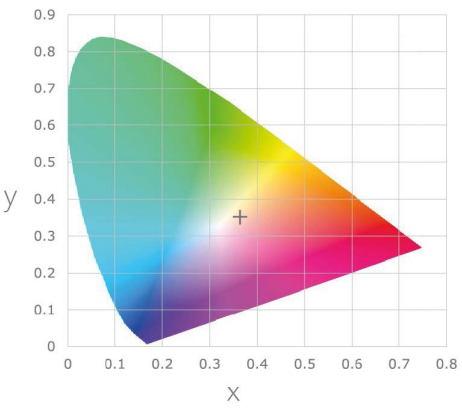
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4782K
Colour rendering index (CRI, Ra)	85.2
Chromaticity coordinates (CIE 1931 - x,y)	0.3526, 0.3650

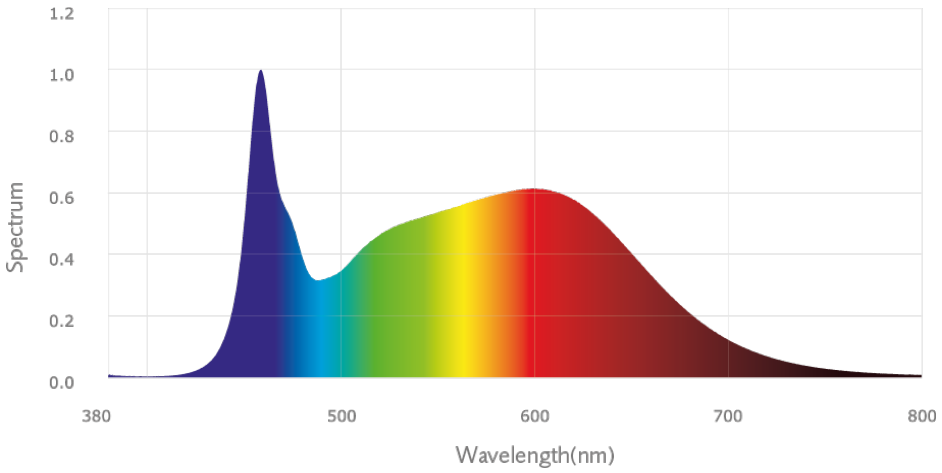
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
84	94	96	80	83	89	86	69	19	84	80	58	88	98	78

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



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