DURO FLEX - 72 2700K

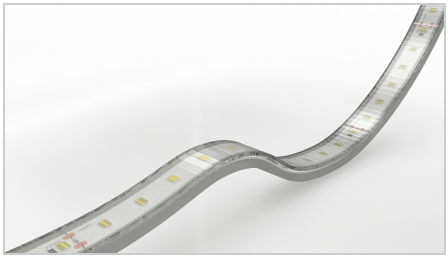
SPECIFICATION SHEET

IP67 | FLAME RESISTANT | SALTWATER RESISTANT | SOLVENT RESISTANT | IK08 | UV RESISTANT | 11.16 W/M | 981.3 Lm/M

VDE | CE | RoHS COMPLIANT

PRODUCT SPECIFICATION

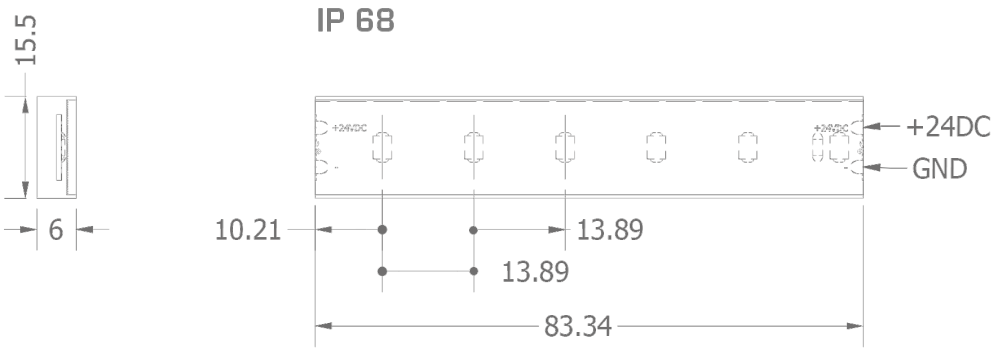
Dimension	L5000/W6mm
PCB increment	Power connection and cut point every 83.334mm
LED pitch	13.80mm
Chip	Epistar
Beam angle	150°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	83.0
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP67
Mounting	Aluminium profile
Minimum bend radius	25mm
Connection	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	981.3Lm/M

TECHNICAL DRAWING



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DURO FLEX - 72 2700K

PHOTOMETRIC TEST REPORT

PRODUCT DETAILS

Product name	DURO FLEX 72
Stated output	981.3lm per metre
Description	Flexible LED Tape, 2700K, 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)	981.3
Luminaire efficacy (lm/W)	87.93
Beam angle	150°

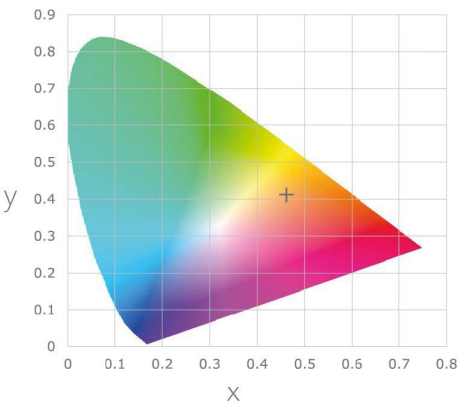
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2616K
Colour rendering index (CRI, Ra)	83.0
Chromaticity coordinates (CIE 1931 - x,y)	0.4668, 0.4120

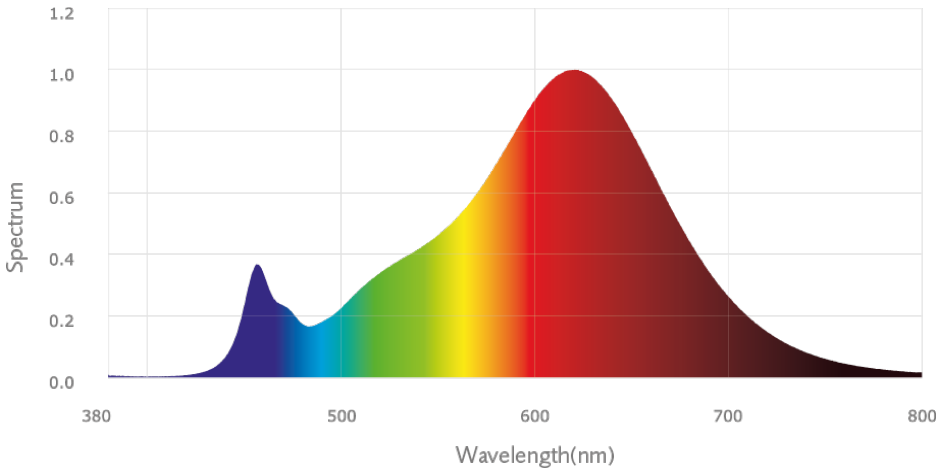
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
82	93	94	80	82	93	81	58	10	85	80	78	85	97	74

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



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