



PRODUCT SPECIFICATION

Dimension	H6/W15.5mm
PCB increment	Power connection and cut point every 167mm
LED pitch	27.80mm
Chip	Epistar
Beam angle	150°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	71.1
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	5.26W
Supply voltage	24V DC
Supply current	0.219A
Luminous flux	463.96lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	DURO FLEX 36
Stated output	463.96lm per metre
Description	Flexible LED Tape, 2700K, 24V, 5.26W/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)	5.26
Input Current (mA DC)	219mA

LIGHT OUTPUT

Total light output (Lumens)	463.96
Luminaire efficacy (lm/W)	88.21
Beam angle	150°

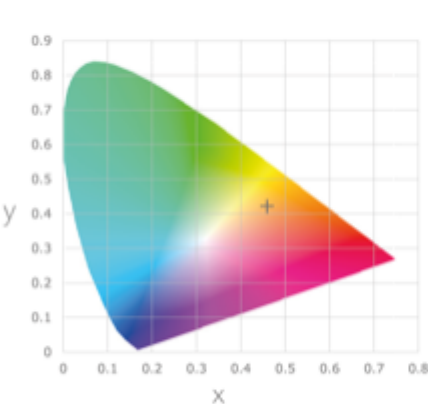
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2714K
Colour rendering index (CRI, Ra)	71.1
Chromaticity coordinates (CIE 1931 - x,y)	0.4631, 0.4182

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
68	80	91	68	65	71	79	46	0	54	61	41	70	95	61

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

