



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	72.3
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	5.37W
Supply voltage	24V DC
Supply current	0.224A
Luminous flux	480.25Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	DURO FLEX 36
Stated output	480.25lm per metre
Description	Flexible LED Tape, 3000K, 24V, 5.37W/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)	5.37
Input Current (mA DC)	224mA

LIGHT OUTPUT

Total light output (Lumens)	480.25
Luminaire efficacy (lm/W)	89.43
Beam angle	150°

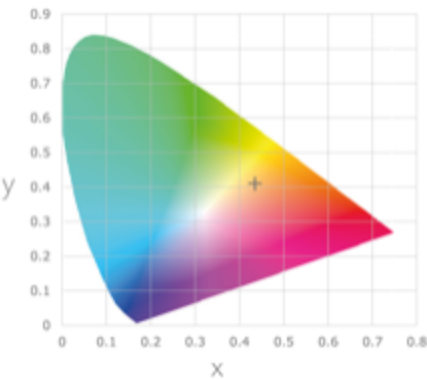
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3026K
Colour rendering index (CRI, Ra)	72.3
Chromaticity coordinates (CIE 1931 - x,y)	0.4384, 0.4104

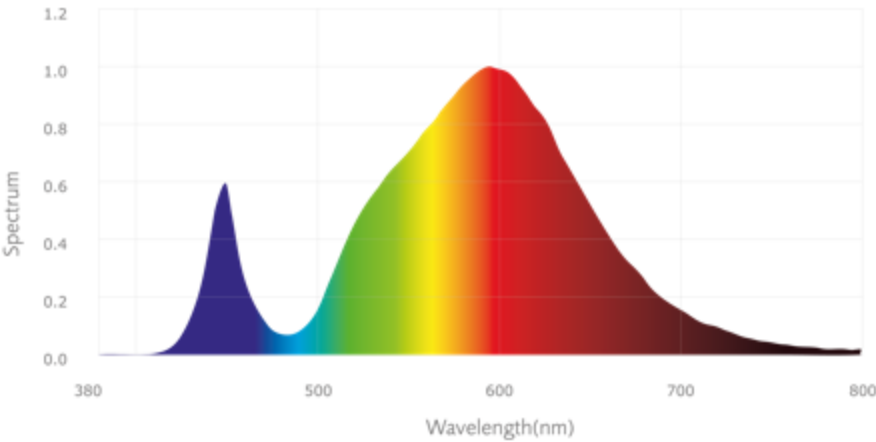
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
70	80	89	70	67	71	81	50	0	53	64	41	71	93	63

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH





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	72.3
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	5.44W
Supply voltage	24V DC
Supply current	0.227A
Luminous flux	529.98Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	DURO FLEX 36
Stated output	529.98lm per metre
Description	Flexible LED Tape, 3500K, 24V, 5.44W/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)	5.44
Input Current (mA DC)	227mA

LIGHT OUTPUT

Total light output (Lumens)	529.98
Luminaire efficacy (lm/W)	97.42
Beam angle	150°

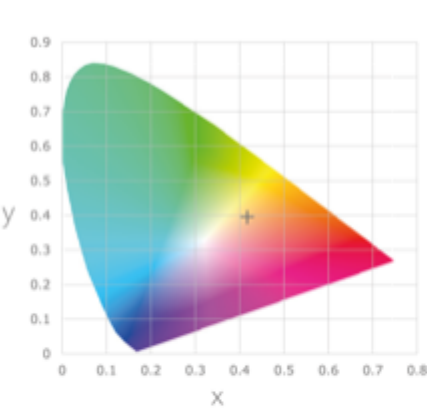
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	3403K
Colour rendering index (CRI, Ra)	72.3
Chromaticity coordinates (CIE 1931 - x,y)	0.4131, 0.3990

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
69	80	88	70	68	71	82	51	0	52	64	40	71	93	63

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

