



■ 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	72.0
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	5.29W
Supply voltage	24V DC
Supply current	0.22A
Luminous flux	520.2Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	DURO FLEX 36
Stated output	520.2lm per metre
Description	Flexible LED Tape, 4000K, 24V, 5.29W/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)	5.29
Input Current (mA DC)	220mA

LIGHT OUTPUT

Total light output (Lumens)	520.2
Luminaire efficacy (lm/W)	98.34
Beam angle	150°

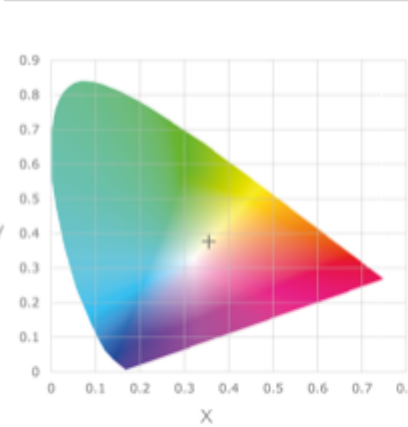
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4163K
Colour rendering index (CRI, Ra)	72.0
Chromaticity coordinates (CIE 1931 - x,y)	0.3578, 0.3822

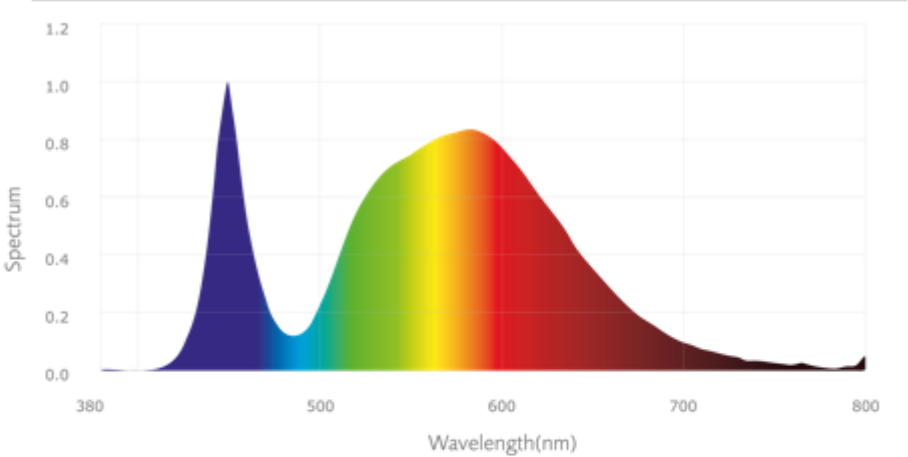
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
69	78	85	71	68	68	83	55	0	47	65	36	70	91	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	70.8
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	504lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	DURO FLEX 36
Stated output	504lm per metre
Description	Flexible LED Tape, 4500K, 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)	504
Luminaire efficacy (lm/W)	92.65
Beam angle	150°

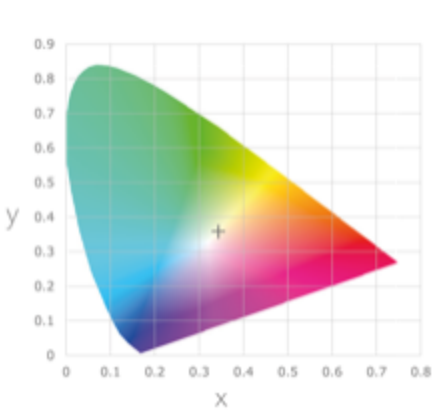
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4796K
Colour rendering index (CRI, Ra)	70.8
Chromaticity coordinates (CIE 1931 - x,y)	0.3526, 0.3685

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
68	74	78	72	68	64	81	59	0	39	68	35	69	88	64

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

