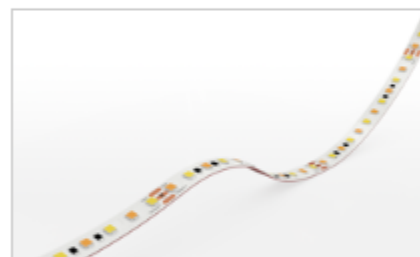




PRODUCT SPECIFICATION

Dimension	L1000/W10mm
PCB increment	Power connection and cut point every 100mm
LED pitch	8.33mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	95.0
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP20/54
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	23W
Supply voltage	24V DC
Supply current	0.958A
Luminous flux	1132Lm/M

TECHNICAL DRAWING

IP 20/54



PRODUCT DETAILS

Product name	LUMEN LINE 120 DC
Stated output	1132lm per metre
Description	Flexible LED Tape, 2100-6500K, 24V, 23W/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)	23
Input Current (mA DC)	958mA

LIGHT OUTPUT

Total light output (Lumens)	1132
Luminaire efficacy (lm/W)	49.22
Beam angle	120°

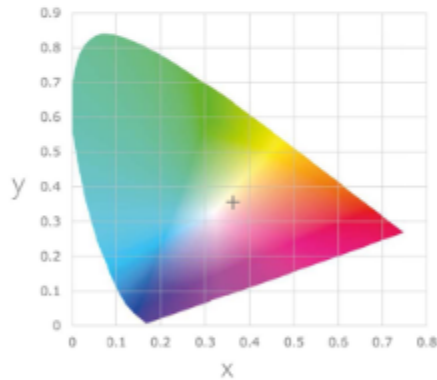
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4100K
Colour rendering index (CRI, Ra)	95.0
Chromaticity coordinates (CIE 1931 - x,y)	0.3740, 0.3655

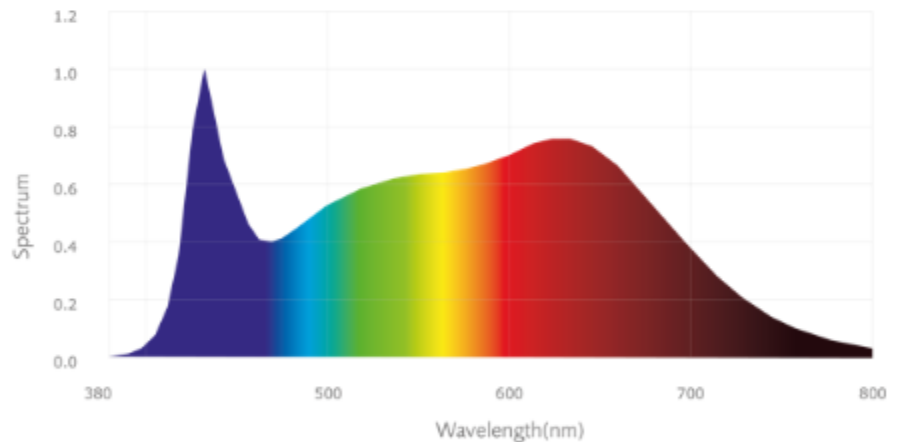
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96	96	98	93	95	94	93	94	96	95	96	72	96	100	94

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



PRODUCT DETAILS

Product name	LUMEN LINE 120 DC
Stated output	560lm per metre
Description	Flexible LED Tape, 2100K, 24V, 11.5W/m
Quantity/length of product tested	1 x 1000
Bin tolerance/#. MacAdams ellipse of chip	-

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (W DC)	11.5
Input Current (mA DC)	479mA

LIGHT OUTPUT

Total light output (Lumens)	560
Luminaire efficacy (lm/W)	48.7
Beam angle	120°

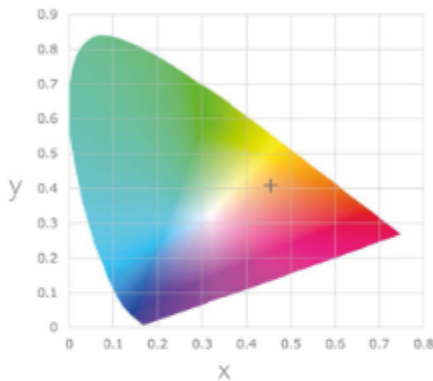
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2723K
Colour rendering index (CRI, Ra)	95.5
Chromaticity coordinates (CIE 1931 - x,y)	0.4607, 0.4150

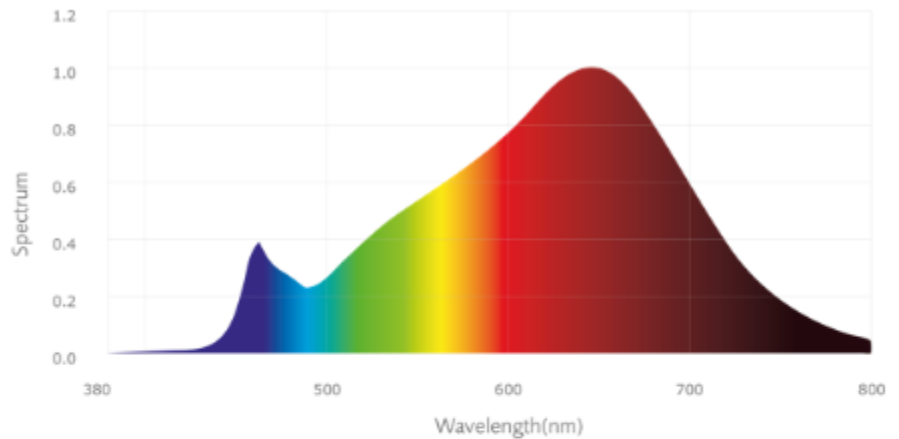
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96	99	99	94	95	98	94	89	76	95	95	81	97	98	93

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



PRODUCT DETAILS

Product name	LUMEN LINE 120 DC
Stated output	615.8lm per metre
Description	Flexible LED Tape, 6500K, 24V, 11.5W/m
Quantity/length of product tested	1 x 1000
Bin tolerance/#. MacAdams ellipse of chip	-

ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	24
Input power (W DC)	11.5
Input Current (mA DC)	479mA

LIGHT OUTPUT

Total light output (Lumens)	615.8
Luminaire efficacy (lm/W)	53.55
Beam angle	120°

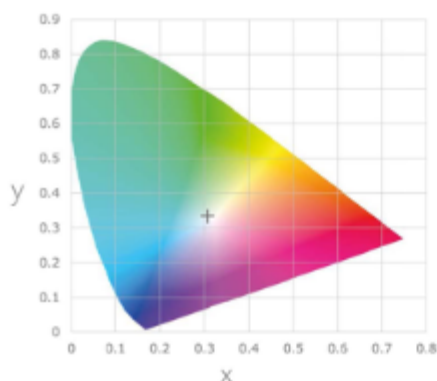
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	6520K
Colour rendering index (CRI, Ra)	93.2
Chromaticity coordinates (CIE 1931 - x,y)	0.3120, 0.3319

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95	99	97	87	91	95	91	90	90	98	89	64	98	99	92

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

