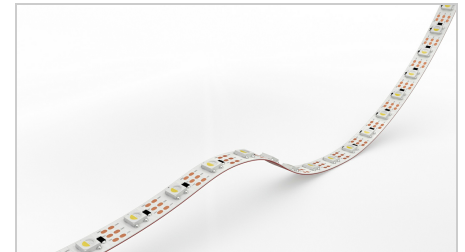


■ PRODUCT SPECIFICATION

Dimension	L5000/W12.50mm
PCB increment	Power connection and cut point every 16.50mm
LED pitch	16.50mm
Chip	Epistar
Beam angle	120°
Colours	RGBW
Bin/step	3 Step MacAdam ellipse
CRI	42.2
Lifetime	50000hrs@45°
Operating temp.	0 - 50°C
IP rating	IP20/67
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI

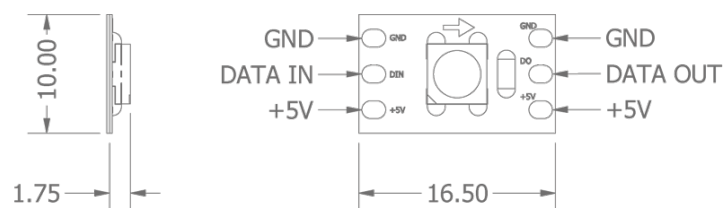


■ PERFORMANCE DATA (for 1000mm)

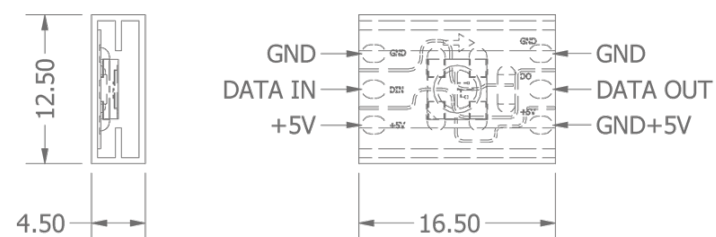
Power consumption	13.13W
Supply voltage	5V DC
Supply current	2.626A
Luminous flux	480.28Lm/M

TECHNICAL DRAWING

IP 20



IP 67



■ PRODUCT DETAILS

Product name	DMX FLEX RGBW 60
Stated output	480.28lm per metre
Description	Flexible LED Tape, , 5V, 13.13W/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)	5
Input power (WDC)	13.13
Input Current (mA DC)	2626mA

■ LIGHT OUTPUT

Total light output (Lumens)	480.28
Luminaire efficacy (lm/W)	36.58
Beam angle	120°

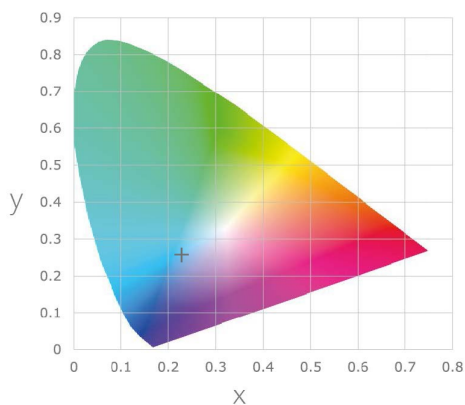
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	26322K
Colour rendering index (CRI, Ra)	42.2
Chromaticity coordinates (CIE 1931 - x,y)	0.2313, 0.2699

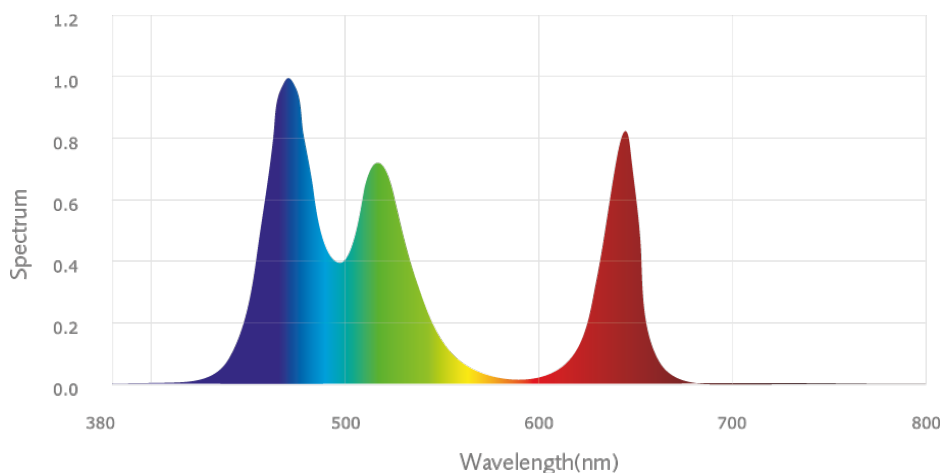
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
38	51	49	56	57	44	46	-1	-217	-30	52	59	36	68	19

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



■ PRODUCT DETAILS

Product name	DMX FLEX RGBW 60
Stated output	105.77lm per metre
Description	Flexible LED Tape, RED, 5V, 4.24W/m
Quantity/length of product tested	1 x 1000
Bin tolerance/#. MacAdams ellipse of chip	-

■ ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	5
Input power (WDC)	4.24
Input Current (mA DC)	848mA

■ LIGHT OUTPUT

Total light output (Lumens)	105.77
Luminaire efficacy (lm/W)	24.95
Beam angle	120°

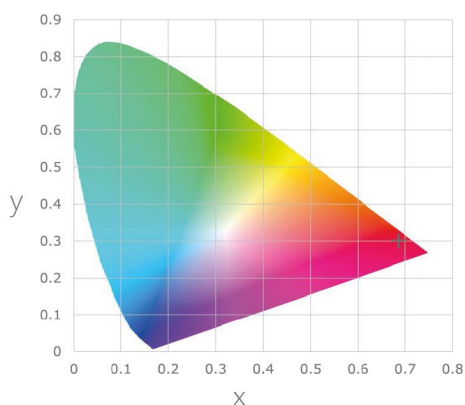
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	1365K
Colour rendering index (CRI, Ra)	-14.2
Chromaticity coordinates (CIE 1931 - x,y)	0.6964, 0.3033

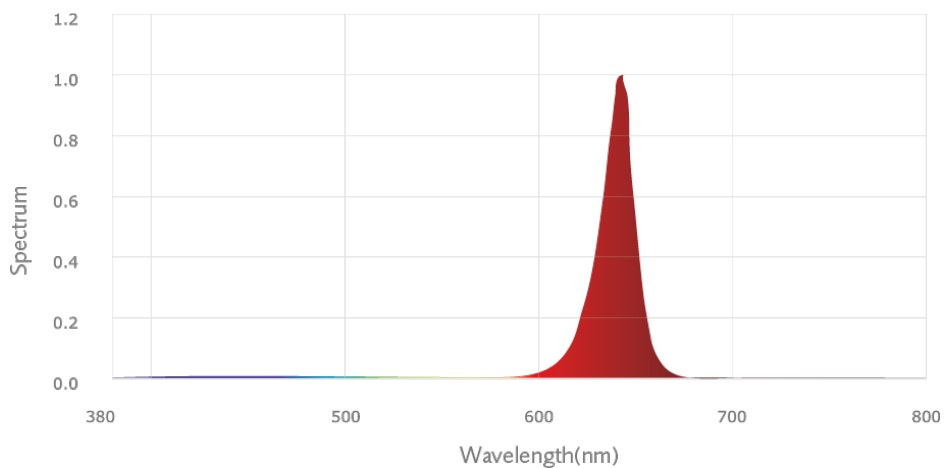
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
-41	55	14	-71	-37	46	6	-85	-306	42	-89	16	-16	42	-66

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



■ PRODUCT DETAILS

Product name	DMX FLEX RGBW 60
Stated output	315.31lm per metre
Description	Flexible LED Tape, GREEN, 5V, 4.43W/m
Quantity/length of product tested	1 x 1000
Bin tolerance/#. MacAdams ellipse of chip	-

■ ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	5
Input power (WDC)	4.43
Input Current (mA DC)	886mA

■ LIGHT OUTPUT

Total light output (Lumens)	315.31
Luminaire efficacy (lm/W)	71.18
Beam angle	120°

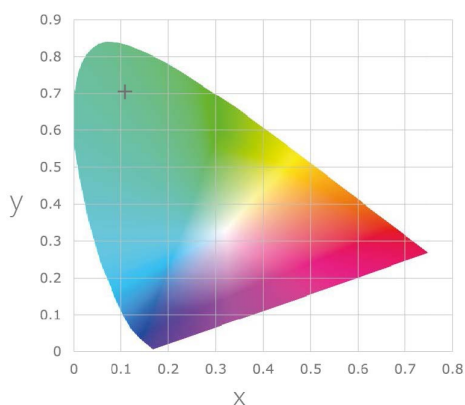
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	9049K
Colour rendering index (CRI, Ra)	-26.0
Chromaticity coordinates (CIE 1931 - x,y)	0.1117, 0.7025

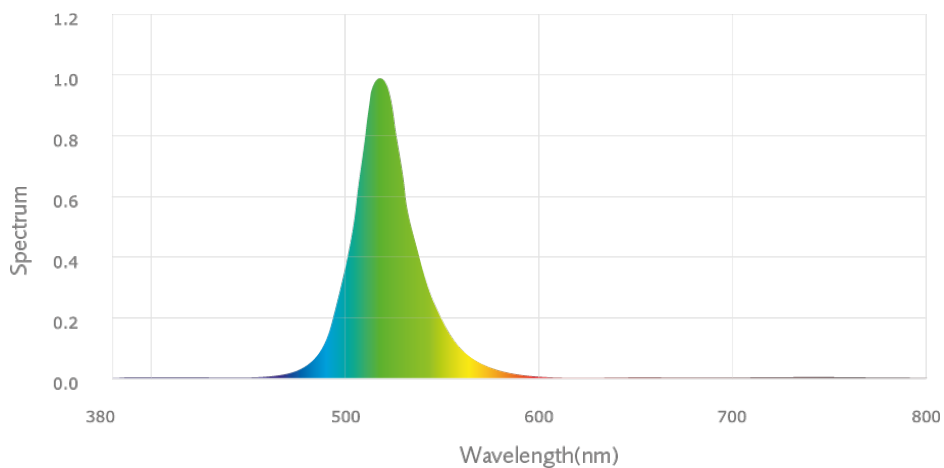
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
-37	-14	-34	-72	-13	-17	1	-23	-356	-117	-98	-33	-47	32	-31

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



■ PRODUCT DETAILS

Product name	DMX FLEX RGBW 60
Stated output	81.34lm per metre
Description	Flexible LED Tape, BLUE, 5V, 4.53W/m
Quantity/length of product tested	1 x 1000
Bin tolerance/#. MacAdams ellipse of chip	-

■ ELECTRICAL CHARACTERISTICS

Input Voltage (V DC)	5
Input power (WDC)	4.53
Input Current (mA DC)	906mA

■ LIGHT OUTPUT

Total light output (Lumens)	81.34
Luminaire efficacy (lm/W)	17.96
Beam angle	120°

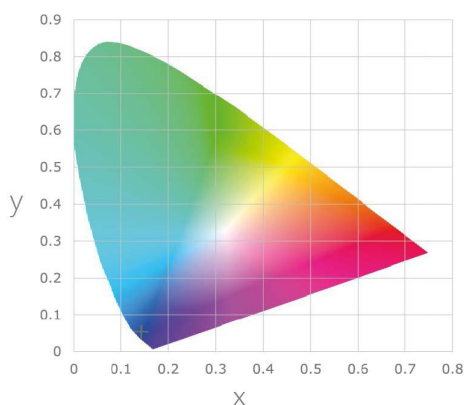
■ COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	100000K
Colour rendering index (CRI, Ra)	-49.7
Chromaticity coordinates (CIE 1931 - x,y)	0.1292, 0.0693

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
-20	-42	-123	-77	-8	-60	-39	-29	-298	-230	-111	-107	-37	-25	0

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

