

IP20	IP67	POWER SUPPLIES	CABLES	PROFILES	CONNECTORS	PCB COLOUR	608.87 Lm/M
6.85 W/M	CE	RoHS COMPLIANT					

PRODUCT SPECIFICATION

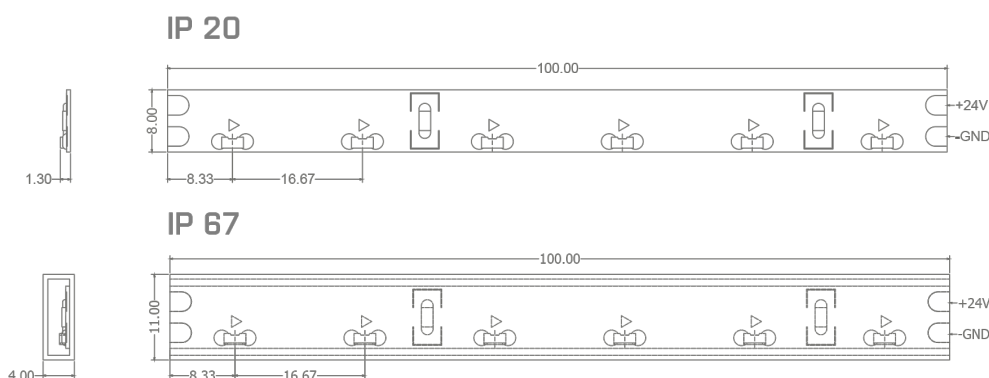
Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 100mm
LED pitch	16.67mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	80.3
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP20/67
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	6.85W
Supply voltage	24V DC
Supply current	0.285A
Luminous flux	608.87Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	SIDE EMITTING 60
Stated output	608.87lm per metre
Description	Flexible LED Tape, 2700K, 24V, 6.85W/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 (WDC)	6.85
Input Current (mA DC)	285mA

LIGHT OUTPUT

Total light output (Lumens)	608.87
Luminaire efficacy (lm/W)	88.89
Beam angle	120°

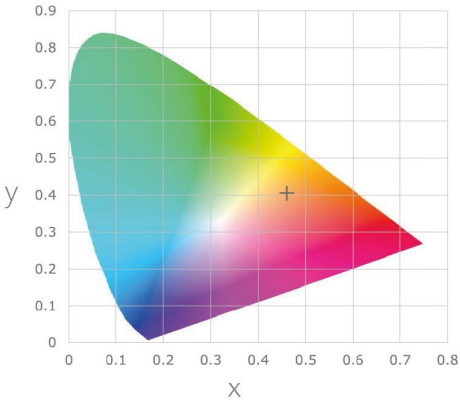
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	2703K
Colour rendering index (CRI, Ra)	80.3
Chromaticity coordinates (CIE 1931 - x,y)	0.4581, 0.4079

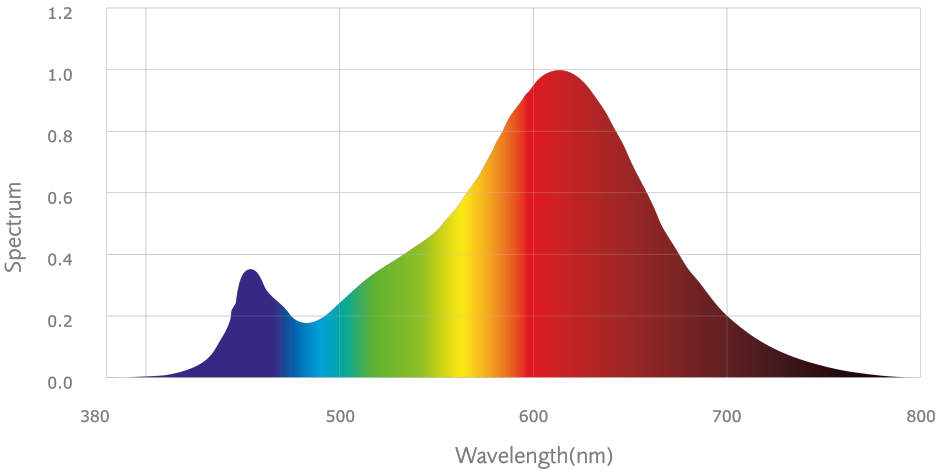
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
78	91	94	78	80	91	78	51	-3	81	76	77	81	97	69

CHROMATICITY DIAGRAM



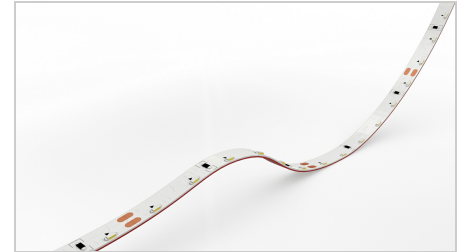
SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



IP20	IP67	POWER SUPPLIES	CABLES	PROFILES	CONNECTORS	PCB COLOUR	666.76 Lm/M
6.94 W/M	CE	RoHS COMPLIANT					

■ PRODUCT SPECIFICATION

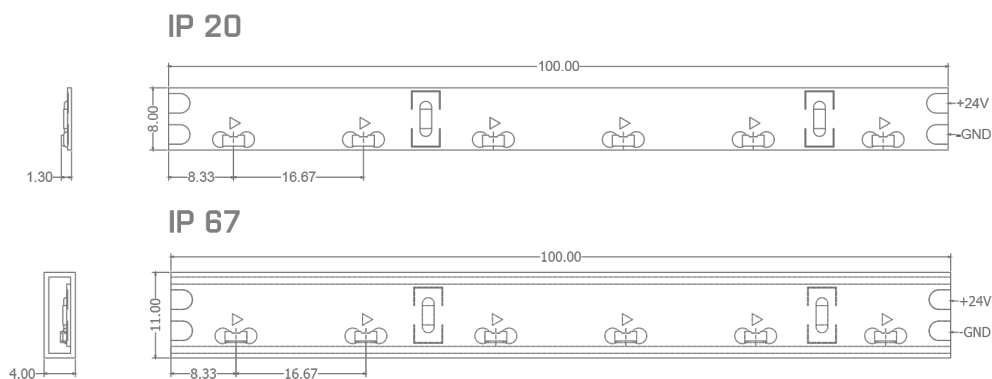
Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 100mm
LED pitch	16.67mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	83.9
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP20/67
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



■ PERFORMANCE DATA (for 1000mm)

Power consumption	6.94W
Supply voltage	24V DC
Supply current	0.289A
Luminous flux	666.76Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	SIDE EMITTING 60
Stated output	666.76lm per metre
Description	Flexible LED Tape, 4000K, 24V, 6.94W/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 (WDC)	6.94
Input Current (mA DC)	289mA

LIGHT OUTPUT

Total light output (Lumens)	666.76
Luminaire efficacy (lm/W)	96.07
Beam angle	120°

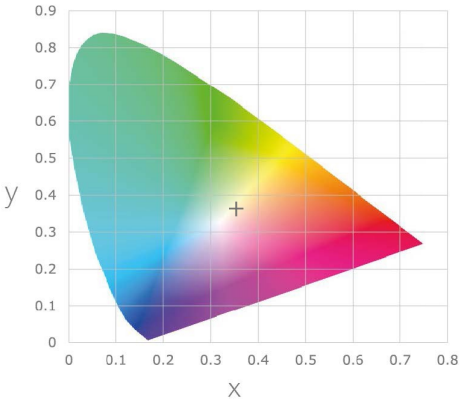
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	4291K
Colour rendering index (CRI, Ra)	83.9
Chromaticity coordinates (CIE 1931 - x,y)	0.3694, 0.3735

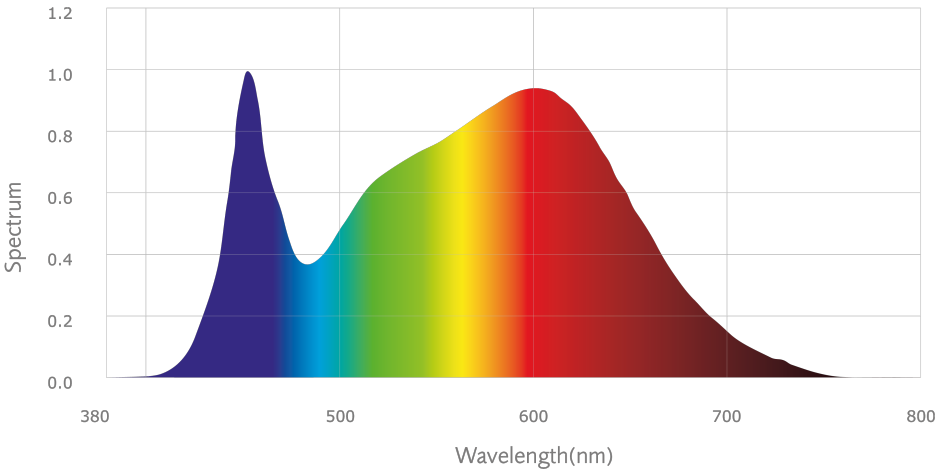
COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
82	90	96	83	83	87	86	65	8	76	82	66	84	98	75

CHROMATICITY DIAGRAM



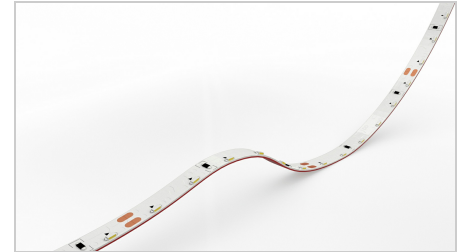
SPECTRAL RADIANT FLUX VERSUS WAVELENGTH



IP20	IP67	POWER SUPPLIES	CABLES	PROFILES	CONNECTORS	PCB COLOUR	658.93 Lm/M
6.87 W/M	CE	RoHS COMPLIANT					

PRODUCT SPECIFICATION

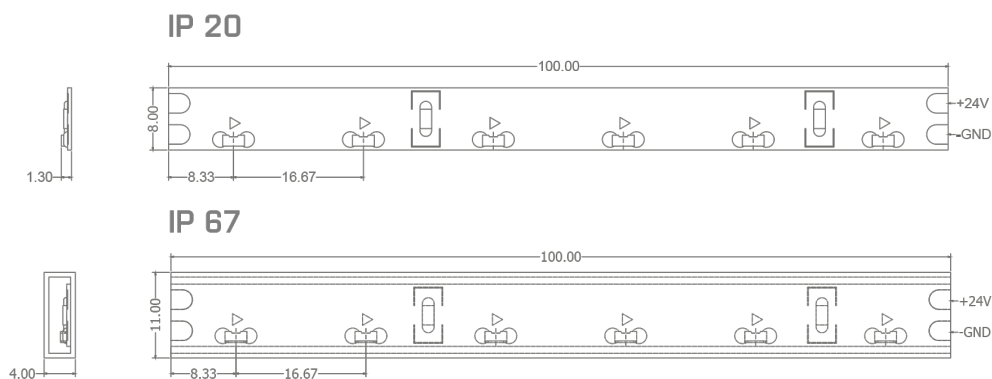
Dimension	L5000/W8mm
PCB increment	Power connection and cut point every 100mm
LED pitch	16.67mm
Chip	Epistar
Beam angle	120°
Colours	White
Bin/step	3 Step MacAdam ellipse
CRI	84.1
Lifetime	50000hrs @45°
Operating temp.	0 - 50°C
IP rating	IP20/67
Mounting	3M VHB backing tape
Minimum bend radius	10mm
Connection	Hardwire tails or male/female connectors
Control	0-10V/1-10V/DMX/DALI



PERFORMANCE DATA (for 1000mm)

Power consumption	6.87W
Supply voltage	24V DC
Supply current	0.286A
Luminous flux	658.93Lm/M

TECHNICAL DRAWING



PRODUCT DETAILS

Product name	SIDE EMITTING 60
Stated output	658.93lm per metre
Description	Flexible LED Tape, 6000K, 24V, 6.87W/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 (WDC)	6.87
Input Current (mA DC)	286mA

LIGHT OUTPUT

Total light output (Lumens)	658.93
Luminaire efficacy (lm/W)	95.91
Beam angle	120°

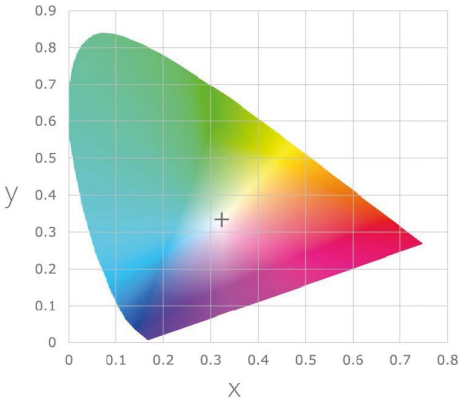
COLOUR CHARACTERISTICS

Correlated colour temperature (CCT)	6465K
Colour rendering index (CRI, Ra)	84.1
Chromaticity coordinates (CIE 1931 - x,y)	0.3132, 0.3311

COLOUR RENDERING INDEX

R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
82	88	92	84	83	83	88	70	9	72	83	61	84	96	77

CHROMATICITY DIAGRAM



SPECTRAL RADIANT FLUX VERSUS WAVELENGTH

