



SMD LED STRIP LIGHTS

Standard / High Efficacy / Color / Pixel / Long Run / Specialty

ABOUT WISMART

FOCUSED ON LINEAR LIGHTING

LED STRIP SOLUTIONS FOR OEM/ODM, DISTRIBUTION AND PROJECT SUPPLY



SHENZHEN WISMART LIGHT TECHNOLOGY CO., LTD.

LED STRIP MANUFACTURER & OEM/ODM PARTNER

Wismart Light is a Shenzhen-based LED strip manufacturer serving distributors, lighting brands, contractors and project buyers.

Our team supports product selection, sample approval, customization, quality control, packing and delivery.

Product specifications cover application, model, quantity, voltage, power, color, control method and protection.

01 PRODUCT SPECIFICATIONS

LED package, density, voltage, power, PCB width, color or CCT, control method, IP rating and run length.

02 OEM/ODM CUSTOMIZATION

PCB and strip construction, lead wire, connector, waterproof process, label and packaging options.

03 ORDER & DELIVERY SUPPORT

Samples, quotations, order documents, packing and shipping coordination.

PRODUCT SELECTION / OEM & ODM / QUALITY CONTROL / DELIVERY SUPPORT

FACTORY & QUALITY

MANUFACTURING & QUALITY CONTROL

LED STRIP PRODUCTION, TESTING AND PACKING



LED STRIP PRODUCTION LINE / ORDER PREPARATION



MATERIAL PREPARATION

PCB and material preparation



SOLDER PASTE PRINTING

PCB solder paste application



SMT PLACEMENT

Automatic component placement



OPTICAL TESTING

Integrating-sphere testing



WATERPROOF TESTING

Waterproof testing



PACKING & SHIPPING

Packing and shipment

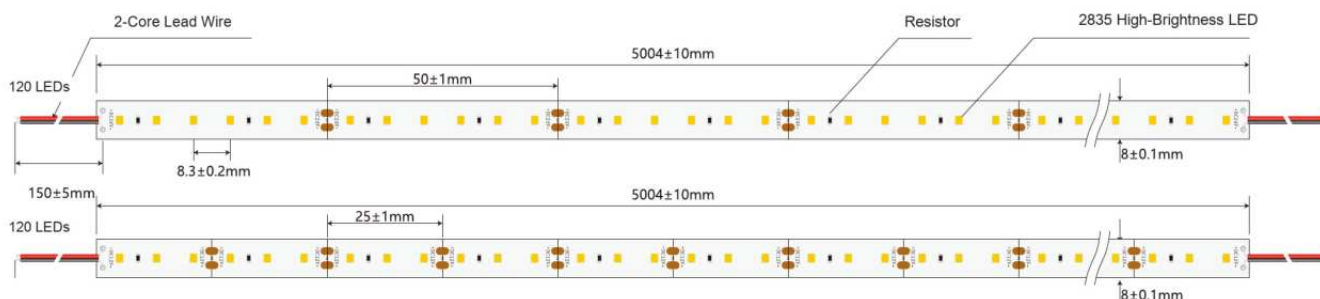
Production and testing follow the selected LED strip configuration and required protection level.

SMD Product Index

SMD LED strip series by LED package, color type and control method.

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2835 SERIES - STANDARD SERIES - HIGH CRI



STANDARD SINGLE-COLOR

SPECIFICATIONS

LED TYPE		MAX. W/m	PCB WIDTH	VOLTAGE		CUTTING POSITION		CCT	CRI	
				DC12V	DC24V	DC12V	DC24V		90	95
2835	60	7.2w/m	6 mm	√	/	50 mm	/	2000K-6500K	√	√
			8 mm	√	√	50 mm	100mm			
			10 mm	/	√	/	100 mm			
	96	12w/m	8 mm	/	√	/	62.5mm			
	120	8w/m	4mm	√	/	25 mm	/			
		8-12w/m	5 6mm	√	√	25 mm	50 mm			
		14.4w/m	8 10 mm	√	√	25 mm	50 mm			
		16w/m	12 mm	/	√	/	50 mm			
	140	8-16w/m	5 6 8 10 12mm	/	√	/	50 mm			
		14.4w/m	8mm	DC48V		50 mm				
			8 10mm	DC48V		100 mm				
	144	16w/m	10mm	/	√	/	41.67 mm			
	168	8-14w/m	5 8 mm	√	√	17.85 mm	35.71 mm			
		10w/m	6 mm	/	√	/	41.67 mm			
	180	18w/m	10 mm	/	√	/	33.33 mm			
240	19.2w/m	10 mm	√	√	12.5 mm	25 mm				
240 DOUBLE ROW	24w/m	15 mm	√	√	25 mm	25 mm				
264 TRIPLE ROW	30w/m	20 30 mm	/	√	/	22.7 mm				
S-TYPE 2835	60	7.2w/m	6 mm	√	√	50 mm	100 mm			
	120	14.4w/m	8 mm	/	√	/	50 mm			
		10w/m	6 mm	/	√	/	50 mm			
ONE LED / CUT	120	8-14w/m	5 6 8 10mm	5 12 24V		8.33mm				
AC220V	120	14w/m	10mm	AC220V		100mm				



Dimmable



LM-80 tested



3-year warranty



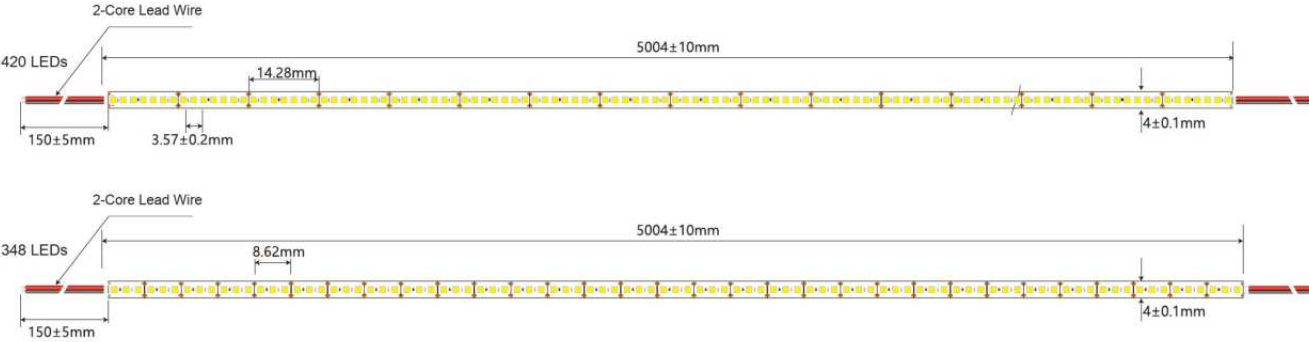
5-year warranty



IP20

1515 SERIES - STANDARD SERIES - HIGH DENSITY

STANDARD SINGLE-COLOR

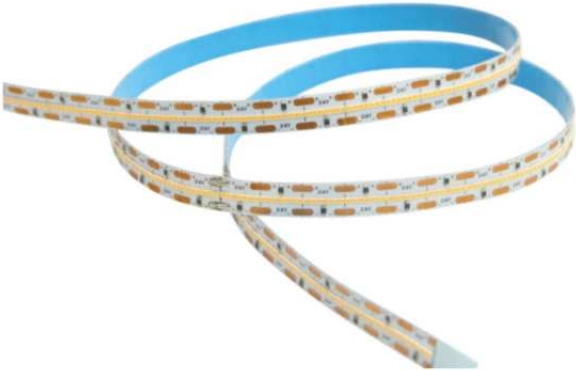


SPECIFICATIONS

LED TYPE		MAX. W/m	PCB WIDTH	VOLTAGE		CUTTING POSITION		CCT	CRI	
				DC12V	DC24V	DC12V	DC24V		90	95
1515	348	8w/m	4 mm	✓	/	8.62 mm	/	2000K-6500K	✓	✓
	350			/	✓	/	20 mm			
	420			✓	/	7.14 mm	/			
	602	20w/m	10 mm	/	✓	/	14.28 mm			
				/	✓	/	11.62 mm			

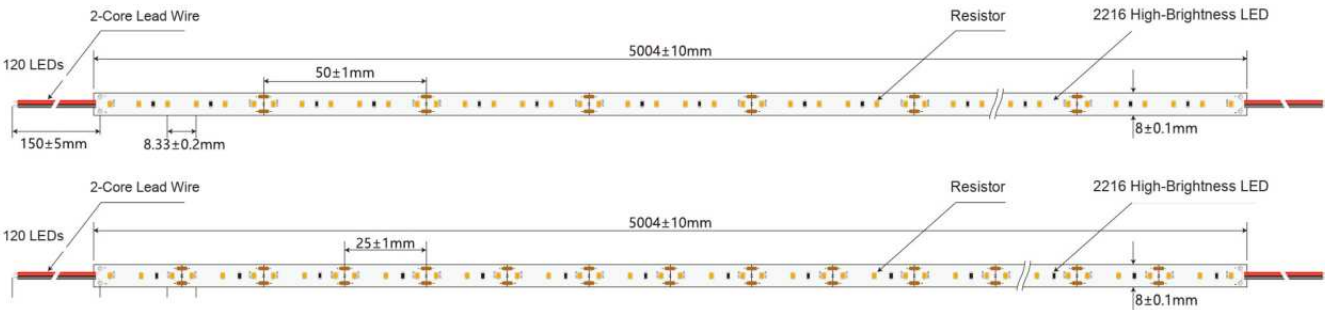
Dimmable LM-80 tested 3-year warranty 5-year warranty IP20



PRODUCT CERTIFICATION / STANDARDS	
Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES

   **CE RoHS** 

2216 SERIES - STANDARD SERIES - HIGH CRI



STANDARD SINGLE-COLOR

SPECIFICATIONS

LED TYPE		MAX. W/m	PCB WIDTH	VOLTAGE		CUTTING POSITION		CCT	CRI	
				DC12V	DC24V	DC12V	DC24V		90	95
2216	150	10w/m	5 mm	5V 12V 24V		6.66 mm		2000K-6500K	✓	✓
	120	9.6w/m	8 mm	✓	✓	25 mm	50 mm			
		7.2w/m	3.5 mm	/	✓	/	50 mm			
	168	7.2w/m	3.5 mm	✓	✓	17.85mm	35.7mm			
	180	9.6w/m	4 mm	✓	✓	16.67mm	33.3mm			
	210	14.4 w/m	10 mm	/	✓	/	33.3 mm			
	240	8w/m	5 mm	✓	✓	12.5 mm	25 mm			
		10w/m	8 mm	/	✓	/	25 mm			
		14.4w/m	10 mm	✓	✓	12.5 mm	25 mm			
	280	8w/m	5 mm	/	✓	/	25 mm			
		14w/m	8 mm	/	✓	/	25 mm			
	300	24w/m	10 mm	/	✓	/	20 mm			

Dimmable LM-80 tested 3-year warranty 5-year warranty IP20

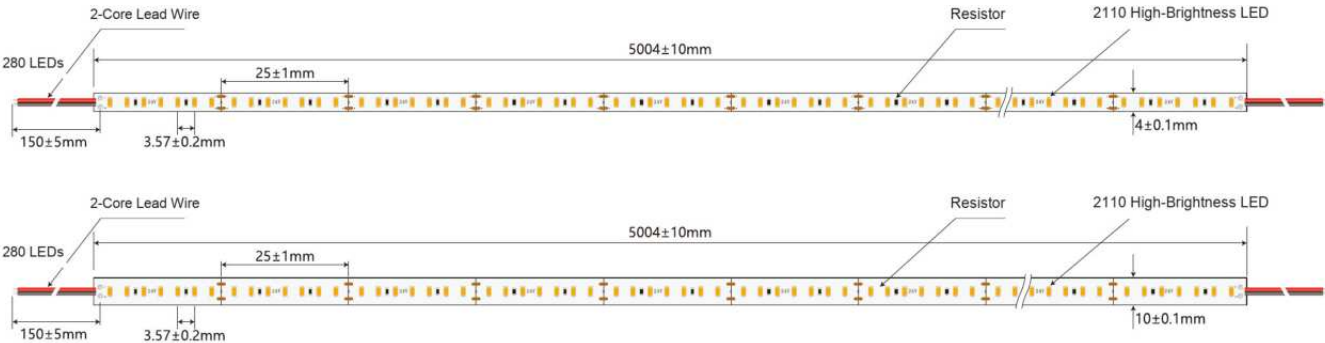


PRODUCT CERTIFICATION / STANDARDS	
Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES

CE RoHS

2110 SERIES - STANDARD SERIES - HIGH DENSITY

STANDARD SINGLE-COLOR



SPECIFICATIONS

LED TYPE		MAX. W/m	PCB WIDTH	VOLTAGE		CUTTING POSITION		CCT	CRI	
				DC12V	DC24V	DC12V	DC24V		90	95
2110	120	9.6w/m	8 mm	✓	✓	25 mm	50 mm	2000K-6500K	✓	✓
	240	16w/m	10 mm	/	✓	/	25 mm			
	280	10W/m	4 mm	/	✓	/	25 mm			
		16w/m	10 mm	/	✓	/	25 mm			
	700	24w/m	12 mm	/	✓	/	10 mm			

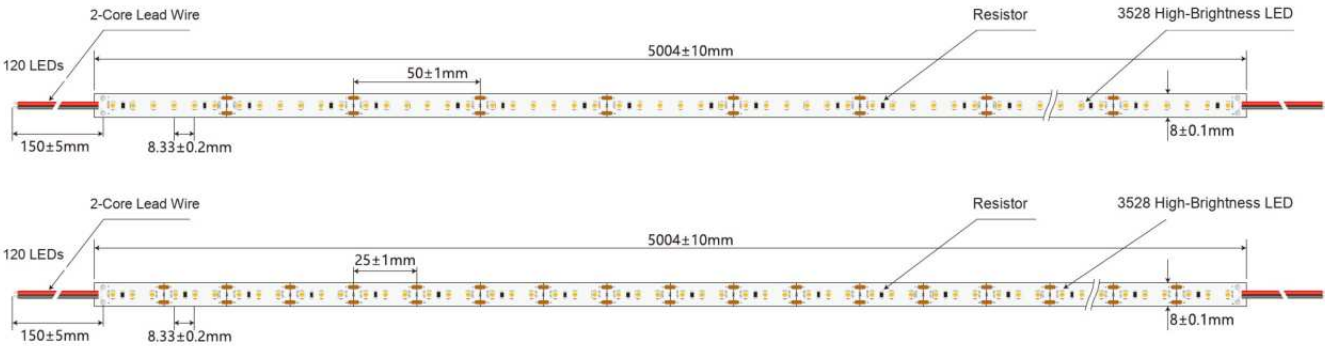
DimmableLM-80 tested3-year warranty5-year warrantyIP20



PRODUCT CERTIFICATION / STANDARDS	
Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES

CE RoHS

3528 SERIES - STANDARD SERIES - HIGH CRI



STANDARD SINGLE-COLOR

SPECIFICATIONS

LED TYPE		MAX. W/m	PCB WIDTH	VOLTAGE		CUTTING POSITION		CCT	CRI	
				DC12V	DC24V	DC12V	DC24V		90	95
3528	60	4.8w/m	8 mm	✓	✓	50 mm	100 mm	2000K-6500K	✓	✓
	120	9.6w/m	8 mm	✓	✓	25 mm	50 mm			
	240	19.2w/m	10 mm	✓	✓	12.5 mm	25 mm			
	240 DOUBLE ROW	19.2w/m	15 mm	✓	✓	25 mm	25 mm			

DimmableLM-80 tested3-year warranty5-year warrantyIP20

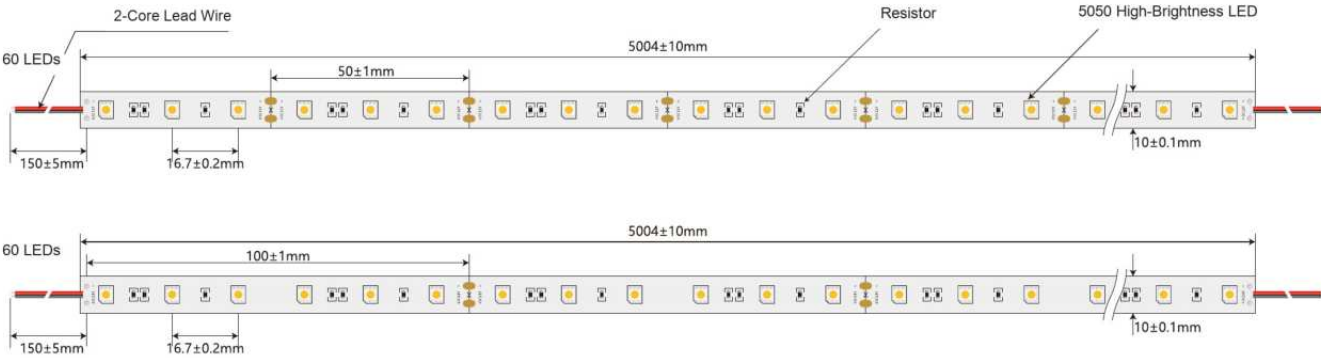
PRODUCT CERTIFICATION / STANDARDS	
Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES

CE RoHS



5050 SERIES - STANDARD SERIES - HIGH CRI

STANDARD SINGLE-COLOR



SPECIFICATIONS

LED TYPE		MAX. W/m	PCB WIDTH	VOLTAGE		CUTTING POSITION		CCT	CRI	
				DC12V	DC24V	DC12V	DC24V		90	95
5050	30	7.2w/m	10 mm	✓	✓	100 mm	200 mm	2000K-6500K	✓	✓
	60	14.4w/m				50 mm	100 mm			
	120 DOUBLE ROW	28.8w/m	15 mm			50 mm	50 mm			

Dimmable LM-80 tested 3-year warranty 5-year warranty IP20

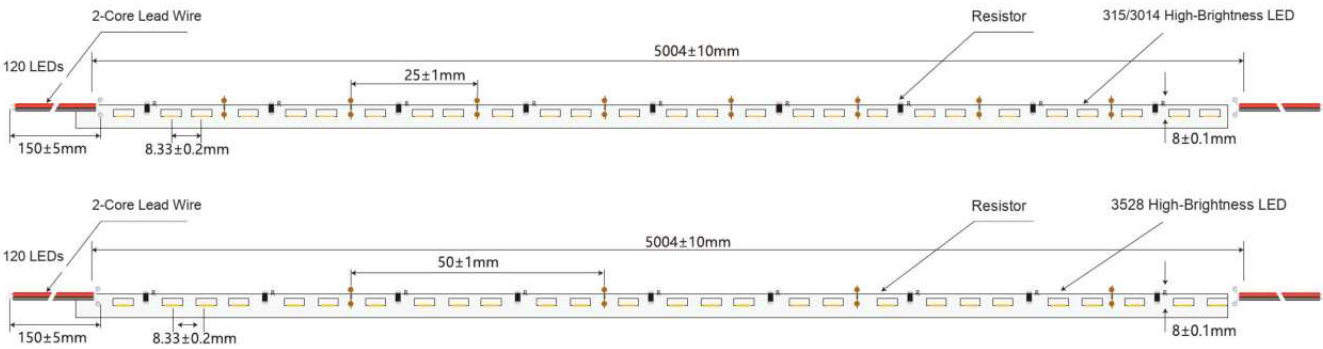


PRODUCT CERTIFICATION / STANDARDS	
Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES

 **RoHS** 

SIDE-EMITTING SERIES - STANDARD SERIES - HIGH CRI



SIDE-EMITTING

SPECIFICATIONS

LED TYPE		MAX. W/m	PCB WIDTH	VOLTAGE		CUTTING POSITION		CCT	CRI	
				DC12V	DC24V	DC12V	DC24V		90	95
3014	120	10w/m	5 mm	✓	✓	25 mm	50 mm	2000K-6500K	✓	✓
			8 mm	✓	✓					
			10 mm	/	✓	/	50 mm			



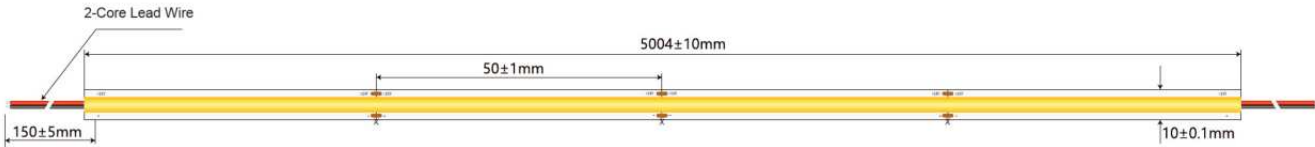
Dimmable LM-80 tested 3-year warranty 5-year warranty IP20



PRODUCT CERTIFICATION / STANDARDS	
Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES



SOB HIGH-CRI LED STRIP SERIES



SPECIFICATIONS

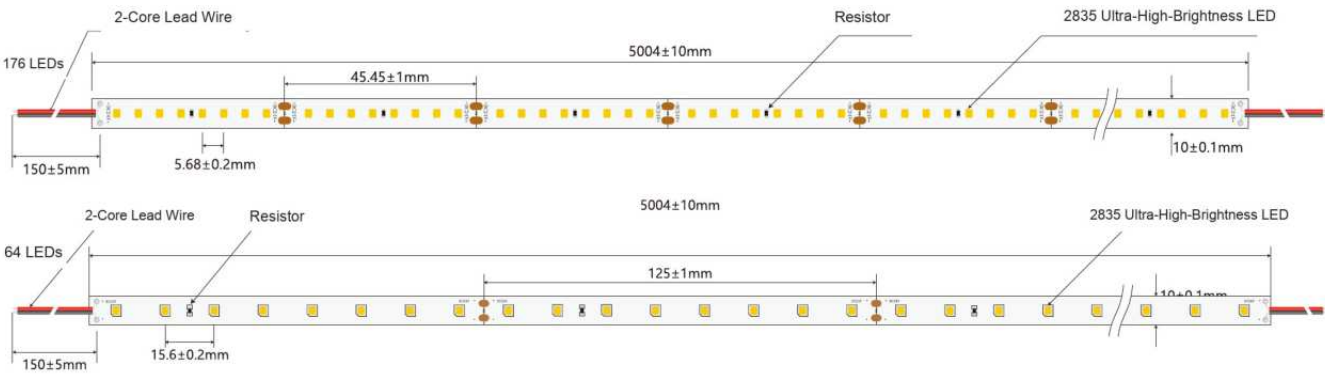
LED TYPE		MAX. W/m	PCB WIDTH	VOLTAGE		CUTTING POSITION		CCT / COLOR	CRI	
				DC12V	DC24V	DC12V	DC24V		80	90
SOB	256	10w/m	8mm	✓	✓	31.4mm	31.4mm	2700K / 3000K / 4000K 6500K / 10000K RED / GREEN / PINK YELLOW / BLUE / ICE BLUE	✓	✓
	264	9w/m	8mm	✓	✓	11mm	11mm			
	256 2-WIRE CCT	10w/m	8mm	✓	✓	31.4mm	31.4mm	2700K-6500K	✓	✓
	280 3-WIRE CCT	9.5w/m	8mm	/	✓	/	25mm			
	280 RGB	12w/m	10mm	/	✓	/	25mm	RGB	/	—



PRODUCT CERTIFICATION / STANDARDS	
Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES



2835 ULTRA-HIGH-EFFICACY SERIES - HIGH CRI



HIGH EFFICACY

SPECIFICATIONS

LED TYPE		MAX. W/m	PCB WIDTH	VOLTAGE		CUTTING POSITION		CCT	CRI	
				DC12V	DC24V	DC12V	DC24V		80	90
2835	64	4.8w/m	8 mm	/	✓	/	125 mm	2000K-6500K	✓	✓
	80	10w/m	6 mm	✓	/	50 mm	/			
	128	6-14w/m	10 mm	/	✓	/	62.5 mm			
	160	8-20w/m	5 6 8 10 12 mm	/	✓	/	50 mm			
	176	8-20w/m	10 mm	/	✓	/	45.45 mm			
	180 170-180 lm/W	8w/m	5 mm	/	✓	/	50 mm			
		10w/m	10 mm	/	✓	/	50 mm			
	256 DOUBLE ROW	10-24w/m	15 mm	/	✓	/	31.25 mm			
	224	10-20w/m	10 mm	/	✓	/	35.71 mm			
	240	10-20w/m		/	✓	/	33.33 mm			

Dimmable LM-80 tested 3-year warranty 5-year warranty IP20

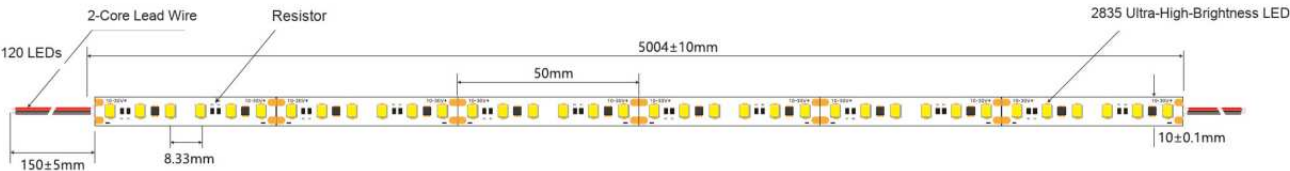


PRODUCT CERTIFICATION / STANDARDS	
Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES

CE RoHS

2835 WIDE-VOLTAGE CONSTANT-CURRENT LED STRIP

WIDE-VOLTAGE



SPECIFICATIONS

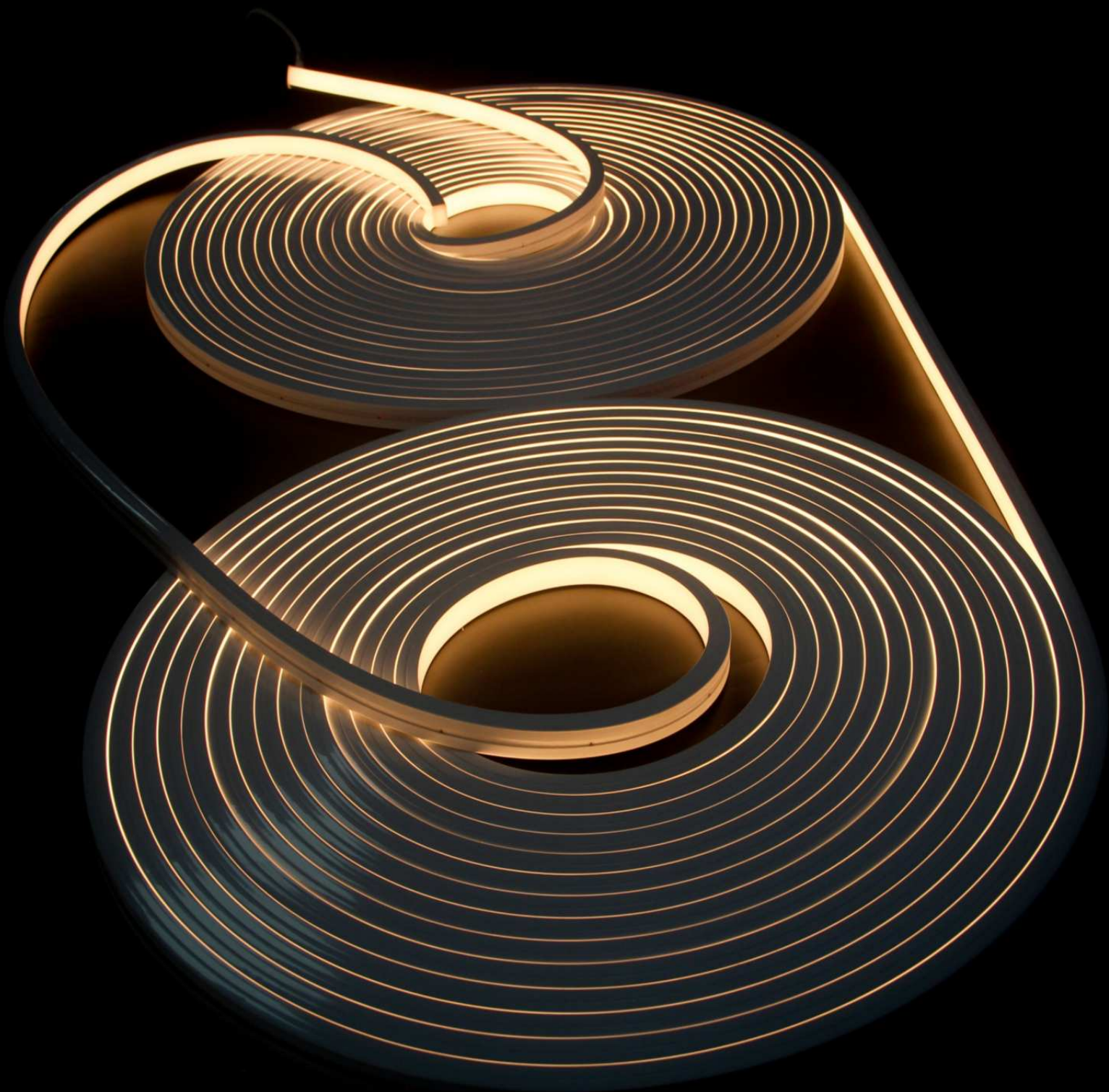
LED TYPE		MAX. W/m	PCB WIDTH	VOLTAGE	CUTTING POSITION	CCT	CRI	
							90	95
2835	120	2-14w/m	10 mm	6.5-18V	33.33 mm	2000K-6500K	√	√
				10-30V	50 mm			
			8 mm	10-30V	50 mm			
	60	2-8w/m	10 mm	18-30V	83.33 mm			
	120	2-12w/m	8 mm	18-30V	41.66 mm			
			10 mm	18-30V	41.66 mm			



Dimmable LM-80 tested 3-year warranty 5-year warranty IP20



PRODUCT CERTIFICATION / STANDARDS	
Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES



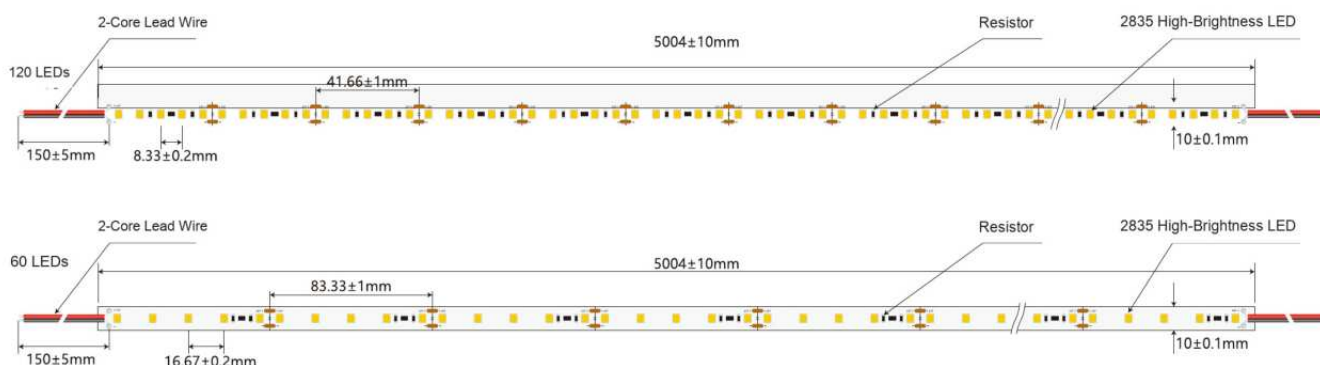
Wismart Light

LONG-RUN SERIES

IC constant-current configurations for extended strip runs

LONG-RUN IC CONSTANT-CURRENT SERIES (20-50 m), HIGH CRI

LONG RUN



SPECIFICATIONS

LED TYPE		MAX. W/m	PCB WIDTH	VOLTAGE		CUTTING POSITION		CCT	CRI	
				DC12V	DC24V	DC12V	DC24V		90	95
2835	60	2-8w/m	10 mm	/	√	/	83.33 mm	2000K-6500K	√	√
	120	2-12w/m	8 mm	/	√	/	41.66 mm			
			10 mm	/	√	/	41.66mm			
			8 10 mm	48V		/	100 mm			
			10 mm	/	√	/	83.33 mm	TUNABLE WHITE		
5050	70	6-14.4w/m	12 mm	/	√	/	71.43 mm	RGBW		



Dimmable LM-80 tested 3-year warranty 5-year warranty IP20



PRODUCT CERTIFICATION / STANDARDS

Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES



CE RoHS





TUNABLE WHITE SERIES

CCT | CW + NW | WW + NW | WW + CW

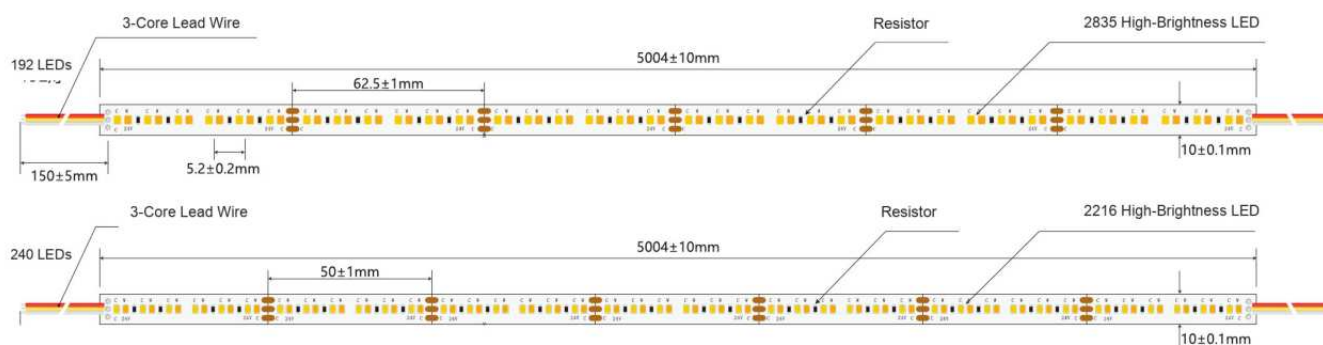


Wismart Light

TUNABLE WHITE SERIES

2-wire, 3-wire, Separate LEDs and 2-in-1 LED configurations

TUNABLE WHITE SERIES



SPECIFICATIONS

LED TYPE		MAX. W/m	PCB WIDTH	VOLTAGE		CUTTING POSITION		CCT	CRI	
				DC12V	DC24V	DC12V	DC24V		90	95
2216 TUNABLE WHITE SEPARATE LEDS / 2-WIRE	240	8W/m	5mm	✓	/	25 mm	/	2300K-6500K	✓	✓
2835 TUNABLE WHITE SEPARATE LEDS / 2-WIRE	168	10W/m	5mm	✓	/	35.71 mm	/			
	192	10-12W/m	10mm	/	✓	/	62.5 mm			
1515 TUNABLE WHITE SEPARATE LEDS / 2-WIRE	392	8W/m	3.5mm	/	✓	/	35.71 mm			
1515 TUNABLE WHITE 3-WIRE	360	8W/m	5mm	/	✓	/	33.33 mm			
2835 TUNABLE WHITE SEPARATE LEDS / 3-WIRE COMMON ANODE	120	14.4W/m	10mm	✓	✓	50 mm	100 mm			
	168	12-14W/m	5 8 mm	/	✓	/	71.43 mm			
	192	16W/m	8mm	/	✓	/	62.5 mm			
		20W/m	10mm	/	✓	/	71.43 mm			
	224 HIGH EFFICACY	22W/m	10mm	/	✓	/	71.43 mm			
2216 TUNABLE WHITE SEPARATE LEDS / 3-WIRE COMMON ANODE	240	24W/m	10mm	/	✓	/	50 mm			
	240	12W/m	5mm	✓	✓	25 mm	50 mm			
		16W/m	6mm	/	✓	/	50 mm			
		19.2W/m	8mm	✓	✓	25 mm	50 mm			
		19.2W/m	10mm	/	✓	/	50 mm			
	280	19.2W/m	8mm	/	✓	/	50 mm			
2210 TUNABLE WHITE SEPARATE LEDS / 3-WIRE COMMON ANODE	308	20W/m	10mm	/	✓	/	45 mm			
2835 TUNABLE WHITE 2-IN-1 LED / 2-WIRE	168	10W/m	5mm	✓	✓	17.85mm	35.71mm			
3527 TUNABLE WHITE 2-IN-1 LED / 3-WIRE COMMON ANODE	120	19.2W/m	8mm	/	✓	/	50 mm			
5050 TUNABLE WHITE 2-IN-1 LED / 3-WIRE COMMON ANODE	60	10W/m	10mm	✓	✓	50 mm	100 mm			
	72	12W/m	10mm	✓	✓	41.66 mm	83.33 mm			
	84	13.5W/m	10mm	/	✓	/	71.43 mm			
	96	15.4W/m	10mm	✓	✓	31.25mm	62.5 mm			



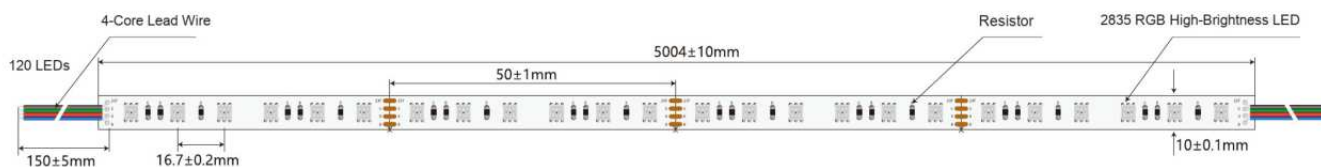


Wismart Light

RGB / RGBW / RGBCWW SERIES

RGB, RGBW and RGBCWW configurations

RGB / RGBW / RGBCWW SERIES



SPECIFICATIONS

LED TYPE		MAX. W/m	PCB WIDTH	VOLTAGE		CUTTING POSITION		COLOR
				DC12V	DC24V	DC12V	DC24V	
2835 RGB	120	16w/m	8 mm	✓	✓	25 mm	50 mm	RGB
		18w/m	10 mm	✓	✓	25 mm	50 mm	
3535 RGB	120	16w/m	8 mm	✓	✓	25 mm	50 mm	
		20w/m	10 mm	/	✓	/	50 mm	
5050 RGB	30	7.2w/m	10 mm	✓	✓	100 mm	166.6 mm	
	60	14.4w/m	10 mm	✓	✓	50 mm	100 mm	
	72	17.3w/m	10 mm	✓	✓	41.67 mm	83.33 mm	
	84	20w/m	10 mm	/	✓	/	71.43 mm	
	96	23w/m	10 mm	✓	✓	31.25 mm	62.5 mm	
5050 RGB DOUBLE ROW	120	24w/m	15 mm	✓	✓	50 mm	50 mm	
5050 4-IN-1	30	9.6w/m	10 mm	✓	✓	100 mm	166.6 mm	RGBW
	60	14.4w/m	10 mm	/	✓	/	100 mm	
	96	20w/m	10 mm	/	✓	/	62.5 mm	
	60	19.2w/m	12 mm	✓	✓	50 mm	100 mm	
	84	22w/m	12 mm	/	✓	/	71.43 mm	
	96	24w/m	12 mm	/	✓	/	62.5 mm	
	120 SINGLE ROW	28.8w/m	14 mm	/	✓	/	50 mm	
	168 DOUBLE ROW	30w/m	20mm	/	✓	/	35.71 mm	
5050 RGB+2835W	120	22.4w/m	12 mm	/	✓	/	100 mm	RGBCWW
3535 RGB+2835W	168	23w/m	12 mm	/	✓	/	83.33 mm	
5050 5-IN-1	30	10w/m	12 mm	✓	/	100 mm	/	
	60	22w/m	12 mm	✓	✓	50 mm	100 mm	
	96	24w/m	12 mm	/	✓	/	62.5 mm	



Dimmable LM-80 tested 3-year warranty 5-year warranty IP20



PRODUCT CERTIFICATION / STANDARDS

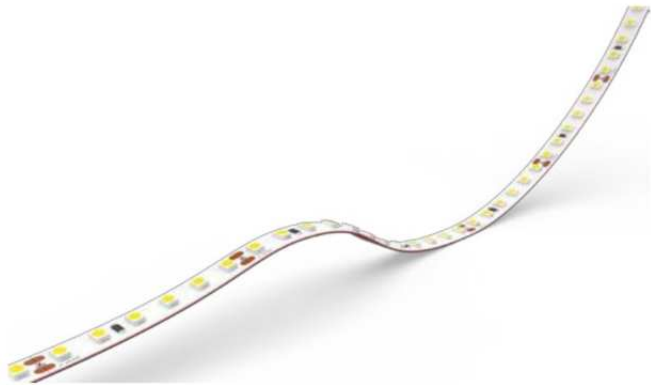
Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES



CE RoHS



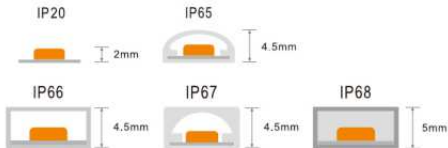
FULL-SPECTRUM SERIES



● 2700K ● 3000K ● 4000K ● 6500K



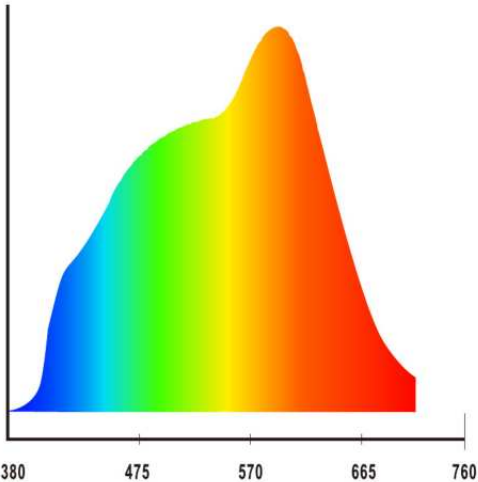
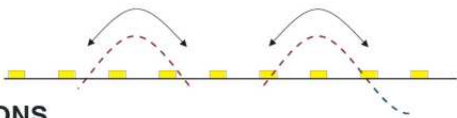
IP OPTIONS



PRODUCT CERTIFICATION / STANDARDS	
Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES

FULL SPECTRUM

Full-spectrum LED light is designed to reproduce a broad visible-light spectrum with smooth spectral continuity and strong color fidelity. General full-spectrum performance: Ra >95 and R1-R15 >90. Product configurations on this page are specified at CRI >98.



SPECIFICATIONS

LED TYPE		MAX. W/m	PCB WIDTH (mm)	VOLTAGE		CUTTING POSITION		CCT	CRI
				DC12V	DC24V	DC12V	DC24V		98
2835	60	9.6w/m	5/6/8/10mm	✓	✓	25mm	50mm	SINGLE COLOR	✓
	120	9.6-14.4w/m	5/6/8/10mm	✓	✓	25mm	50mm		✓

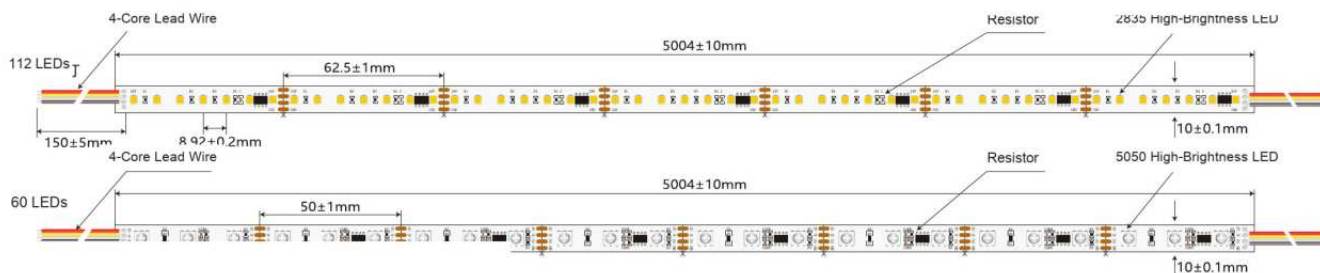


SPI ADDRESSABLE LED STRIPS WITH OPTIONAL SIGNAL BACKUP

Programmable chase, gradient and dynamic effects



SPI ADDRESSABLE COLOR SERIES



SPECIFICATIONS

LED TYPE			MAX. W/m	PCB WIDTH	VOLTAGE		CUTTING POSITION		COLOR	SEGMENT CONTROL		CONTROL IC / SIGNAL BACKUP
					DC12V	DC24V	DC12V	DC24V		DC12V	DC24V	
EXTERNAL IC	2216	120	12-23W/m	10 mm	✓	✓	25 mm	25 mm	SINGLE	40 IC	40 IC	WS2811G INDIVIDUALLY ADDRESSABLE
	2835	126	8W/m	6 mm	✓	/	71.4 mm	/		14 IC	/	WS2811F EXTERNAL IC / NO
		120	10W/m	6 8 10 mm	/	✓	/	125 mm		/	8 IC	WS2811F / WS2811 / SM16703 EXTERNAL IC / NO
	5050	30	6.5W/m	10 mm	✓	/	100 mm	/	RGB	10 IC	/	WS2811 / SM16703 EXTERNAL IC / NO
		60	12W/m		✓	✓	50 mm	100 mm		20 IC	10 IC	WS2811 / SM16703 EXTERNAL IC / NO
		72	14.4W/m		✓	/	41.66 mm	/		24 IC	/	WS2818B / TM1934 EXTERNAL IC / YES
		84	16W/m		✓	/	35.7 mm	/		28 IC	/	
	3535	114	11-22W/m	6 mm	✓	/	26.3 mm	/		38 IC	/	WS2811-G / WS2811-F EXTERNAL IC / NO
		120	12W/m 23W/m	6 mm	/	✓	/	50 mm		/	20 IC	WS2811-G / WS2811-F EXTERNAL IC / NO
				8 mm	✓	✓	25 mm			40 IC		WS2818-F EXTERNAL IC / YES
				8 mm	/	✓	/			/		WS2818-F EXTERNAL IC / YES
			12W/m	10mm	/	✓	/			/	10 IC	WS2811 / SM16703 EXTERNAL IC / NO
	112	18W/m	10mm	/	✓	/	62.5 mm	/		16 IC	WS2818B / TM1934 EXTERNAL IC / YES	
	5050	60	16W/m	10 mm	✓	✓	50 mm	100 mm	RGBW	20 IC	10 IC	WS2814A / TM1824 EXTERNAL IC / NO
		60	16W/m	10 mm	✓	✓	50 mm	100 mm		28 IC	14 IC	WS2814B / TM1834 EXTERNAL IC / YES
		84	22W/m	10 mm	✓	✓	35.7 mm	71.4 mm			WS2814A / TM1824 EXTERNAL IC / NO	
		84	22W/m	10 mm	/	✓	/	71.4 mm			/	14 IC
		60	15W/m	12 mm	/	✓	/	100 mm	RGBWCW	/	10 IC	WS2805 8-OUTPUT EXTERNAL IC / YES
BUILT-IN IC, INDIVIDUALLY ADDRESSABLE	2427	120	9-21W/m	4 mm	5V		8.33 mm		RGB	120 IC		WS2812C / WS2812E BUILT-IN IC / NO
	5050	60	12W/m	10 mm	5V		16.66 mm			60 IC		WS2812B BUILT-IN IC / NO
			10W/m	10 mm	12V		16.66 mm			60 IC		WS2815B BUILT-IN IC / YES
			10W/m	10 mm	12V		16.66 mm		RGBW	60 IC		WS2815B-RGBW BUILT-IN IC / YES



PRODUCT CERTIFICATION / STANDARDS

Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES

Wismart Light

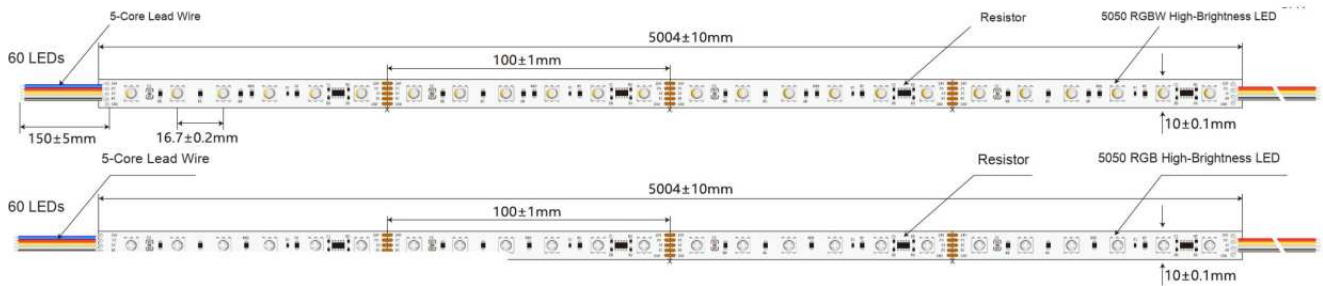


Wismart Light

DMX512 SERIES

DMX512-addressable single-color, RGB and RGBW strips

DMX512 SERIES



SPECIFICATIONS

LED TYPE		MAX. W/m	SEGMENT CONTROL	PCB WIDTH	VOLTAGE	CUTTING POSITION	COLOR	CRI	
					DC24V	DC24V		90	95
2835	112	8-9w/m	4 IC / 4,8,16 SEG	10 mm	√	250 mm	SINGLE	√	√
	120	12w/m	6 IC / 3,4,6,8,12,24 SEG	10 12 mm		167 mm			
	112	15-16w/m	8 IC / 4,8,16 SEG			125 mm			
	120	17-18w/m	10 IC / 5,10,20 SEG			100 mm			
	240 DOUBLE ROW	17-18w/m	10 IC / 10,20 SEG	20 mm		83.3 mm			
	288 FOUR ROW	21-22w/m	12 IC / 6,12 SEG	30mm					
5050	60	13-14.4w/m	10 IC / 5,10 SEG	10 12 mm	√	100 mm	RGB / SINGLE / CCT		
	70	13-14.4w/m	10 IC / 5,10 SEG	12 mm		125 mm			
	80	12w/m	8 IC / 4,8 SEG	10 12 mm		62.5 mm			
	80	12w/m	16 IC / 4,8 SEG	12 mm		83.4 mm			
	84	16-17w/m	12 IC / 6,12 SEG	10 12 mm		100 mm			
3527	120	17-18w/m	10 IC / 5,10,20 SEG	10 12 mm		100 mm	CCT		
5050	56	14-15w/m	8 IC / 4,8 SEG	12 mm	√	125 mm	RGBW		
	60	17-18w/m	10 IC / 5,10 SEG	12 mm		100 mm			
	70	17-18w/m	10 IC / 5,10 SEG	10 12 mm		83.4 mm			
	72	21-22w/m	12 IC / 6,12 SEG	12 mm		125 mm			
	80	15w/m	8 IC / 4,8 SEG	10 12 mm		62.5 mm			
		28w/m	16 IC / 8,16 SEG	12 mm		83.4 mm			
	84	21-22w/m	12 IC / 6,12 SEG	10 12 mm		100 mm			
	120 DOUBLE ROW	17-18w/m	10 IC / 10 SEG	20 mm		125 mm			
	80	21w/m	8 IC / 4,8 SEG	12 mm	36 V	125 mm			
5050RGB + 2835W	168	27-36w/m	14 IC / 14 SEG	12 mm	√	71.42 mm	RGB+W		



Dimmable LM-80 tested 3-year warranty 5-year warranty IP20



SMD / 25

PRODUCT CERTIFICATION / STANDARDS

Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES





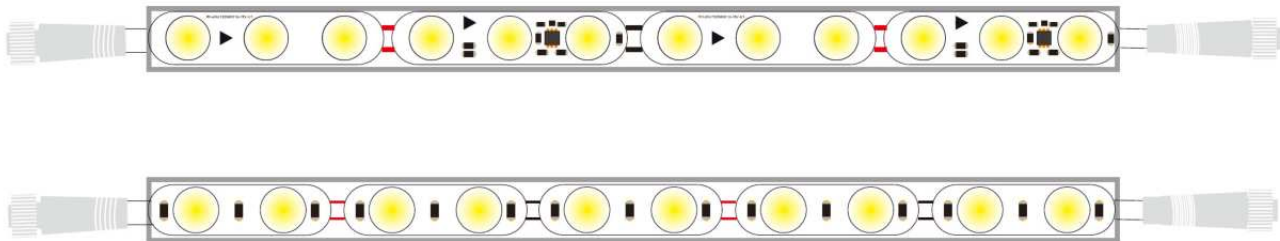
Wismart Light

Wismart Light

FLEXIBLE WALL-WASHER SERIES

Flexible linear optics for wall-washing applications

FLEXIBLE WALL-WASHER SERIES



FLEXIBLE WALL-WASHER

SPECIFICATIONS

PRODUCT / LED		LEDs/m	W/m	SEG/m	CCT	VOLTAGE	CUTTING POSITION	BEAM ANGLE	CRI
						DC24V	DC24V		90
1616	2835	48	16w/m	/	2700-6500K	√	41.67 mm	30°	√
2422	5054	24	20w/m	/	2700-6500K		125 mm	20° / 30° / 25*45°	
		24	18-24w/m	8 IC / 8 SEG	2700-6500K		125 mm	20° / 30° / 25*45°	
		24	18-24w/m	8 IC / 8 SEG	RGBW		125 mm	30° / 25*45°	
		36	24w/m	/	2700-6500K		166.67 mm	20° / 30° / 25*45°	
		36	18-24w/m	6 IC / 6 SEG	2700-6500K		166.67 mm	20° / 30° / 25*45°	
		36	18-24w/m	6 IC / 6 SEG	RGBW		166.67 mm	30° / 25*45°	

DimmableLM-80 tested3-year warranty5-year warrantyIP65



PRODUCT CERTIFICATION / STANDARDS	
Eye safety	IEC 62471
Protection	EN 60529
Safety	EN 60529
EMC / Radio interference	EN 62031 / IEC 60598-1
RoHS	EN 55015
TUV-CE	YES
ETL	YES

CE RoHS



Wismart Light

SPECIALTY SMD SERIES

High-temperature-resistant, dark-spot-free, multi-row, UV, horticulture and pixel series

2835 HIGH-TEMPERATURE-RESISTANT & PLATED-PCB LED STRIPS

High-Temperature-Resistant and Plated-PCB LED Strip Series



WS MODEL	LEDs/m	V	W/m	PCB	PCB TYPE / COPPER SPEC.	LUMINOUS FLUX / CRI	CUT LENGTH / MAX. RUN	COLOR / IP RATING
WS-SMD-07-035	120	24V	11	5	High-temperature PCB / 18/50 copper	24-26 lm/LED / CRI 80	Free cut / 10m	White / Warm / Natural / IP20
WS-SMD-07-036	120	24V	11	8	High-temperature PCB / 18/50 copper	24-26 lm/LED / CRI 80	Free cut / 10m	White / Warm / Natural / IP20
WS-SMD-07-049	120	24V	11	8	High-temperature PCB / 18/50 copper	24-26 lm	10m	White / Warm / Natural / IP20
WS-SMD-07-053	120	24V	11	5	High-temperature PCB / 18/50 copper	24-26 lm/LED	10m	White / Warm / Natural / IP20
WS-SMD-07-054	120	24V	11	8	High-temperature PCB / 18/50 copper	26-28 lm/LED / CRI 80	10m	White / Warm / Natural / IP20
WS-SMD-07-059	120	24V	6	8	High-temperature PCB / 18/50 copper	24-26 lm	20m	White / Warm / Natural / IP20
WS-SMD-07-037	120	24V	11	5	Plated PCB / 18/50 copper	24-26 lm/LED / CRI 80	Free cut / 10m	White / Warm / Natural / IP20
WS-SMD-07-038	120	24V	11	8	Plated PCB / 18/50 copper	24-26 lm/LED / CRI 80	Free cut / 10m	White / Warm / Natural / IP20
WS-SMD-07-050	120	12/24V	11	5	Plated PCB / 25/25 copper	24-26 lm/LED	10m	White/Warm/Natural + extended colors / IP20
WS-SMD-07-051	180	12/24V	15	5	Plated PCB / 2 oz copper	24-26 lm/LED	10m	White / Warm / Natural / IP20
WS-SMD-07-052	180	12/24V	15	3	Plated PCB / 2 oz copper	24-26 lm/LED	10m	White / Warm / Natural / IP20
WS-SMD-07-055	180	24V	15	8	Plated PCB / 25/25 copper	24-26 lm/LED	10m	White / Warm / Natural / IP20
WS-SMD-07-056	240	24V	18	10	Plated PCB / 25/25 copper	24-26 lm/LED	10m	White / Warm / Natural / IP20
WS-SMD-07-060	120	24V	6	8	Plated PCB / 25/50 copper	24-26 lm/LED / CRI 80	20m	White / Warm / Natural / IP20

ADDITIONAL CONFIGURATION OPTIONS

Available plated-PCB colors include red, green, blue, golden yellow, ice blue, pink, 2700K, 3500K, 5000K, purple, Mars green, lemon yellow and orange yellow.

2025-PACKAGE DARK-SPOT-FREE & SILICONE-PROTECTED LED STRIPS

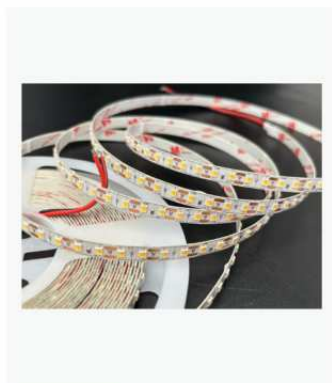
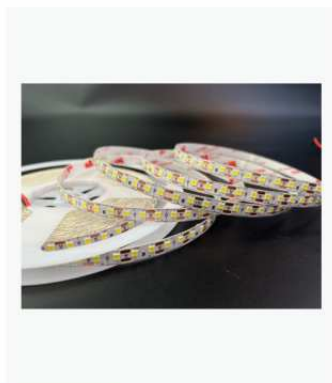
2025-Package Dark-Spot-Free and Silicone-Protected LED Strips



WS MODEL	PACKAGE / LEDs/m	V	W/m	PCB / COPPER	FLUX / CRI	COLOR	CONSTRUCTION / RUN / IP
WS-SMD-07-066	2025	24/12V	11	8 / 18/35 copper	24-26 lm/LED	White / Warm / Natural	Silicone-protected strip / IP20
WS-SMD-07-047	2025 / 280	24V	14	8 / 18/50 copper	24-26 lm/LED / CRI 90	White / Warm / Natural	Dark-spot-free / 10m / IP20

3535 FREE-CUT LED STRIP SERIES

Single-color, tunable white, full-spectrum and RGB options



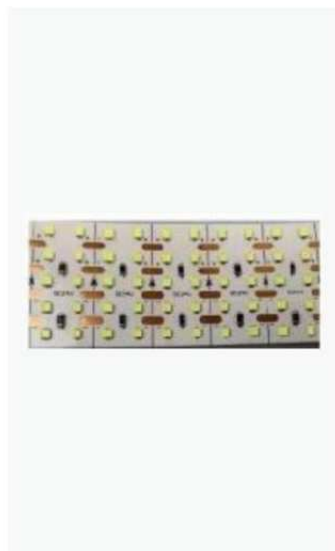
WS MODEL	LIGHT TYPE	LEDs/m	V	W/m	PCB / COPPER	FLUX / CRI	CUT / RUN	COLOR / IP
WS-SMD-07-033	SINGLE	120	24V	11	8 / 18/50 copper	24-26 lm/LED / CRI 80	Free cut / 10m	White / Warm / Natural / IP20
WS-SMD-07-034	SINGLE	180	24V	15	8 / 18/50 copper	24-26 lm/LED / CRI 80	Free cut / 10m	White / Warm / Natural / IP20
WS-SMD-04-021	CCT	120	24V	12	8 / 18/50 copper	24-26 lm/LED / CRI 90	Free cut / 10m	White + Warm / IP20
WS-SMD-04-022	CCT	180	24V	15	8 / 18/50 copper	24-26 lm/LED / CRI 90	Free cut / 10m	White + Warm / IP20
WS-SMD-04-023	CCT	120	24V	12	5 / 18/35 copper	24-26 lm/LED / CRI 90	Free cut / 10m	White + Warm / IP20
WS-SMD-03-011	FULL SPECTRUM	120	24V	11	8 / 18/50 copper	24-26 lm/LED / CRI 98	Free cut / 10m	White/Warm/Natural + 2700K/3500K / IP20
WS-SMD-03-012	FULL SPECTRUM	180	24V	15	8 / 18/50 copper	24-26 lm/LED / CRI 98	Free cut / 10m	White/Warm/Natural + 2700K/3500K / IP20
WS-SMD-05-029	RGB	120	12/24V	16	8 / 2 oz copper	24-26 lm/LED	10m	RGB / IP20

ADDITIONAL CONFIGURATION OPTIONS

Full-spectrum 3535 configurations are available in white, warm white, natural white, 2700K and 3500K.

EXTRA-WIDE MULTI-ROW LED STRIP SERIES

3-row, 4-row, 5-row and 6-row options



WS MODEL	ROWS	LEDs/m	V	W/m	PCB	COPPER	CUT	CRI	MAX RUN	CCT
WS-SMD-01-017	3	360	DC24V	25	20	25/32 copper	16.67mm	CRI >70	Up to 10m	W/6500K / NW/4000K / WW/3000K
WS-SMD-01-018	4	480	DC24V	32	30	25/32 copper	25mm	CRI >70	Up to 8m	W/6500K / NW/4000K / ww/3000K
WS-SMD-01-019	5	600	DC24V	40	40	25/32 copper	16.67mm	CRI >70	Up to 6m	W/6500K / NW/4000K / wW/3000K
WS-SMD-01-020	6	720	DC24V	50	50	25/32 copper	16.67mm	CRI >70	Up to 5m	W/6500K / NW/4000K / ww/3000K

3528 / 4848 / 5025 RGB & CCT LED STRIPS

3528, 4848, 5025 and mixed-package RGB / CCT series



WS MODEL	PACKAGE	LEDs/m	V	W/LED	PCB WIDTH	PCB CONSTRUCTION / COLOR	COLOR / CONTROL	BEAM / IP	WARRANTY
WS-SMD-05-023	3528	120	DC12V / 24V	0.2W/LED	8MM/5MM	2-layer PCB	RGB / PWM	120° / IP20	2 years
WS-SMD-04-006	5050+2835	90	DC12V / 24V	0.2W/LED	12MM	2-layer PCB	RGB+CCT / PWM	120° / IP20/65/67/68	2 years
WS-SMD-04-007	5050+5025	60	DC12V / 24V	0.2W/LED	12MM	2-layer PCB	RGB+CCT / PWM	120° / IP20/65/67/68	2 years
WS-SMD-04-008	5025	60	DC12V / 24V	0.2W/LED	10MM	2-layer PCB / Black / White	W+WW / CCT	120° / IP20/65/67/68	2 years
WS-SMD-04-009	5025	120	DC12V / 24V	0.2W/LED	10MM	2-layer PCB / White	W+WW / White PCB / CCT	120° / IP20/65/67/68	2 years
WS-SMD-04-010	5025	60	DC5V	0.2W/LED	10MM	2-layer PCB / White	W+WW / White PCB / CCT	120° / IP20/65/67/68	2 years

4848 RGB CONFIGURATION

WS MODEL	PACKAGE	LEDs/m	V	PCB WIDTH	COLOR / CONTROL	ROLL LENGTH	BACKING
WS-SMD-05-038	4848	56	12V	10MM	RGB / PWM	5m	Self-adhesive backing

ADDITIONAL CONFIGURATION OPTIONS

5025 CCT configurations are available with white or black PCB options by configuration.

UV / PURPLE & HORTICULTURE LED STRIPS

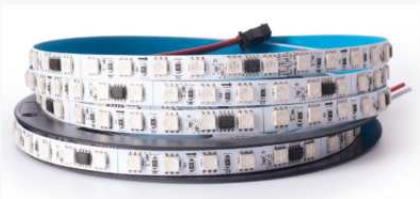
UV / Purple LED Strip and Red/Blue Horticulture LED Strip



WS MODEL	APPLICATION	PACKAGE	LEDs/m	V	W/LED	FLUX/LED	PCB	SPECTRUM	BEAM / IP	WARRANTY
WS-SMD-07-023	UV / PURPLE	5050	60	DC12V	0.24W/LED	12-14 lm/LED	10MM	Purple	120° / IP20/67/68	2 years
WS-SMD-07-027	HORTICULTURE	5050	60	DC12V	0.24W/LED	12-14 lm/LED	10MM	3R:1B / 4R:1B / 5R:1B	120° / IP20/65/67/68	2 years
WS-SMD-07-028	HORTICULTURE	5050	60	DC5V	0.24W/LED	12-14 lm/LED	10MM	3R:1B / 4R:1B / 5R:1B	120° / IP20/65/67/68	2 years

1903 ADDRESSABLE PIXEL LED STRIPS

5050 and 3535 RGB IC LED strips with 1903 control IC



WS MODEL	PACKAGE	LEDs/m	V	W/LED	PCB	IC	CONTROL	COLOR	BEAM / IP	WARRANTY
WS-SMD-06-022	5050	60	DC12V	0.24W/LED	8MM	1903	SPI pixel	RGB IC	120° / IP20/65/67/68	2 years
WS-SMD-06-024	3535	84	DC12-24V	0.24W/LED	8MM	1903	SPI pixel	RGB IC	120° / IP20/65/67/68	2 years
WS-SMD-06-025	3535	96	DC12-24V	0.24W/LED	8MM	1903	SPI pixel	RGB IC	120° / IP20/65/67/68	2 years

SK6812 RGBW / WWA & SK9822 / APA102 LED STRIPS

SK6812 RGBW / WWA and SK9822 / APA102 addressable pixel series



SK6812 RGBW / WWA



SK9822 / APA102

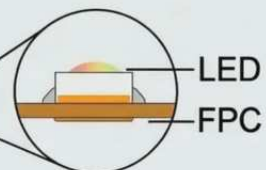
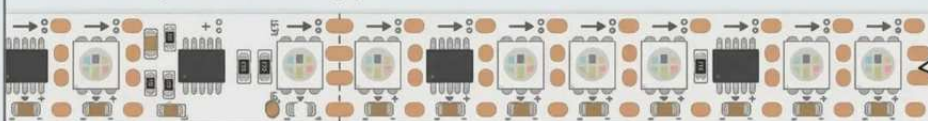
WS MODEL	LED / IC	LEDs/m	W/m	lm/m	PCB WIDTH ROLL LENGTH	CUT LENGTH (mm)	V	COLOR	PROTECTION
WS-SMD-06-226	5050 RGBW / SK6812	30	7.2	324	10 mm / 5 m	33.3	DC5V	RGBW	IP20
WS-SMD-06-227	5050 RGBW / SK6812	60	14.4	648	10 mm / 5 m	16.7	DC5V	RGBW	IP20
WS-SMD-06-228	5050 RGBW / SK6812	72	17.3	779	10 mm / 5 m	13.9	DC5V	RGBW	IP20
WS-SMD-06-229	5050 RGBW / SK6812	96	19.2	864	10 mm / 5 m	10.4	DC5V	RGBW	IP20
WS-SMD-06-230	5050 RGBW / SK6812	144	28.8	1296	12 mm / 5 m	6.9	DC5V	RGBW	IP20
WS-SMD-06-231	5050 WWA / SK6812	30	7.2	612	10 mm / 5 m	33.3	DC5V	WWA	IP20
WS-SMD-06-232	5050 WWA / SK6812	60	14.4	1224	10 mm / 5 m	16.7	DC5V	WWA	IP20
WS-SMD-06-233	5050 WWA / SK6812	72	17.3	1471	10 mm / 5 m	13.9	DC5V	WWA	IP20
WS-SMD-06-234	5050 WWA / SK6812	96	19.2	1632	10 mm / 5 m	10.4	DC5V	WWA	IP20
WS-SMD-06-235	5050 WWA / SK6812	144	28.8	2448	12 mm / 5 m	6.9	DC5V	WWA	IP20
WS-SMD-06-281	5050 RGB / SK9822	30	7.2	252	10 mm / 5 m	33.3	DC5V	RGB	IP20
WS-SMD-06-282	5050 RGB / SK9822	60	14.4	504	10 mm / 5 m	16.7	DC5V	RGB	IP20
WS-SMD-06-283	5050 RGB / SK9822	96	23	805	10 mm / 5 m	10.4	DC5V	RGB	IP20
WS-SMD-06-284	5050 RGB / SK9822	144	28.8	1008	10 mm / 5 m	6.9	DC5V	RGB	IP20

Waterproof Construction Options

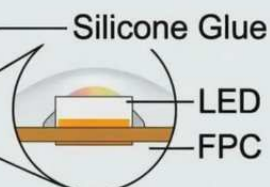


IP PROTECTION COMPARISON & CONSTRUCTION DIAGRAM

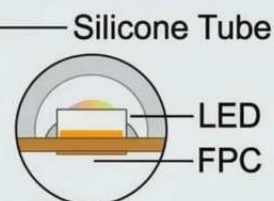
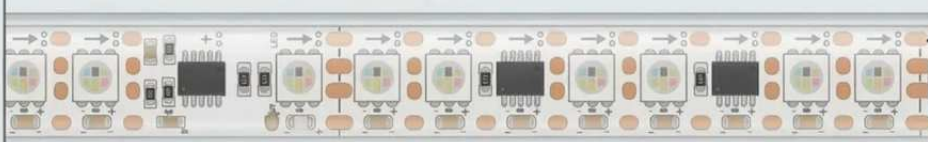
IP20 (Bare Strip)



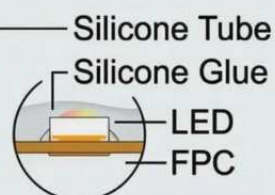
IP65 (Silicone Coated)



IP67 (Silicone Tube)



IP68 (Tube & Glue / Fully Enclosed)



IP20 BARE / IP65 COATED / IP67 SLEEVE / IP68 FULLY ENCLOSED

Final protection depends on the selected model, end sealing and cable exit.

Installation & Connection



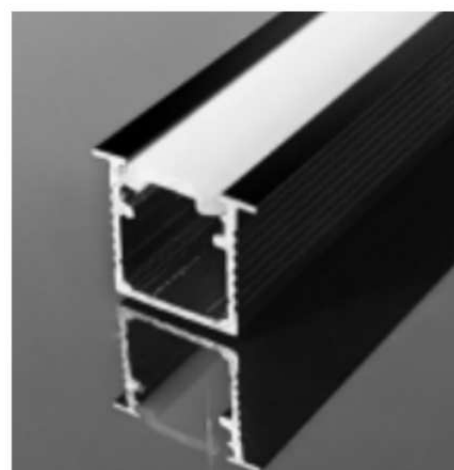
PCB WIDTH



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SMD LED STRIP LIGHTS

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