LUMUL

Flex Strip

- Premium 5 year and Economy 2 year warranty flexible strips
- Premium flexible strips designed to run 24 hours a day without premature ageing
- Unique LUMUL flexible strip customization service
- Strict 3 step ellipse Macadam single bin colour control
- Consistent colour between orders guaranteed
- CRI of 80Ra, 90Ra and 95Ra available
- Single colour, RGB, digital RGB, CCT colour tunable, high efficiency, temperature sensing, long running lengths, grow lights, cob strips, high density
- Cutting units from as low as 1cm / 1 LED available
- Top view & side view LED options
- Dimmable with appropriate controllers
- IP20 bare, IP67 hollow silicone sleeve & IP68 extruded solid silicone sleeve
- 5V, 12V, 24V, 36V & 48V power options

Applications

- Signage, light boxes & backlighting
- Cove lighting
- Under-cabinet lighting
- Shelf side-lighting
- Passage & walkway lighting
- Architectural lighting
- Boat & caravan lighting
- Mirror lighting

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LUMUL Flex Strip

Quality starts with quality materials

Only the highest quality materials and components are used in the manufacture of LUMUL LED flexible strips:

Double-sided adhesive tape

Only genuine imported 3M adhesive backing tape is used in the manufacture of LUMUL LED flexible strips. Our standard backing tape is 3M 200MP but we also offer 3M 300LSE and 3M VHB tape where a project requires extra adhesion.

Extruded silicone sleeves

Only genuine silicone is used in our extruded IP67 and IP68 sleeves, ensuring the sleeve will never yellow over time, irrespective if it is placed in direct sunlight or not. Silicone has incredible UV protection qualities making our IP67 and IP68 flexible strips ideal for outdoor use in South Africa.

Thick copper FPC

Our flexible strips are made with either a 2oz or 3oz double layer copper FPC. Our premium flexible strips are made with a 3oz double layer copper FPC except for our S-Strip which is 2oz to facilitate the tight bending of the strip. Our economy flexible strips are usually made of a 2oz double layer copper FPC.

A thicker and / or wider FPC conducts the heat away from the LEDs more effectively and conducts electricity far better. A thicker FPC will also not burn with higher current draws.

Quality Epistar chip packaging

Our Epistar SMD chips are packaged using genuine gold wire, ensuring perfect conductivity within the sensitive chip package. The phosphor used in our chip packaging is sourced from the leading scientific university in China, ensuring perfect quality and consistency across batches. The phosphor mix ensures a high-quality colour rendering of our LED chips.

Genuine imported silicone

Only high-quality, imported silicone is used in the manufacture of LUMUL flexible strips as this will not yellow or crack over time. A high-quality silicone glue dripping is used in our IP65 flexible strips and high-quality silicone is used for our IP67 hollow silicone sleeves and extruded silicone sleeves.

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LUMUL Flex Strip

Expert LED flexible strip suppliers

We have an intimate understanding of flexible strips, and their manufacturing process. We have personally vetted and regularly visit our manufacturing partners' factories and manufacturing processes and are well-suited to guiding clients through the product selection process.

Custom strip packaging lengths

Wasting short cut-off pieces from 5m reels on a large project will become expensive, which is why LUMUL offers low voltage flexible strips packaged in lengths up to 50m. This applies to IP20, IP67 with an extruded sleeve and IP68 with a solid extruded sleeve. An IP67 flexible strip with the regular silicone sleeve can only be packaged in a maximum length of 10m and an IP65 flexible strip in a maximum length of 5m.

Turnaround time

We are usually able to deliver a custom flexible strip order within 3-4 weeks from the time an order and payment are received. There are occasions when it might take longer, for example when a custom FPC is being designed or when there are Chinese holidays.

Running hours

Most LED flexible strips on the market are not designed to be lit 24 hours per day – they produce excessive heat with insufficient heat dissipation which speeds up their lumen decay. LUMUL Premium flexible strips are designed to not only maintain their brightness and CRI for at least 5 years, but to also be lit for 24 hours a day without any premature lumen decay.

Quality controls

All LUMUL flexible strips are manufactured in an ISO9001 certified production environment with strict and frequent quality checks throughout the production process. Together with quality components, this is how we can guarantee you a quality end product.

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CUSTOMISATION OF FLEXIBLE STRIPS

Whilst LUMUL offers a diverse range of flexible strip models some installations may require a very specific flexible strip with unique parameters. We are able to customise a flexible strip to meet your very specific project needs. Some of the more common parameter requests we receive include:

- A specific brightness e.g. 2500 lumen per meter
- A specific colour temperature e.g. 2700K
- A specific power consumption e.g. no more than 17 watts per meter
- A specific pitch between LEDs e.g. no more than 8mm between LEDs
- The number of meters of strip packaged onto reels e.g. 22m per reel

Over and above these more common requests we also have complete control over:

- The number of LEDs per meter e.g. 30, 40, 60, 90, 120, 180, 240, 420 LEDs per meter
- The LED package size used e.g. 2216, 020, 2835, 2538, 5050, 3030, 3014, 3020
- The LED brand used e.g. Epistar, Nichia, Bridgelux, Cree, Samsung, Lumileds
- The efficiency of the strip e.g. 140 lumen per watt
- The width of the FPC e.g. 4mm, 5mm, 8mm, 10mm, 12mm, 14mm
- The thickness of the FPC e.g. 1oz top layer, 2oz bottom layer
- The colour of the FPC e.g. white, black & brown
- The model of 3M adhesive backing tape used e.g. 3M VHB, 3M 200MP, 3M 300LSE
- The maximum running length of the strip
- The voltage of the strip e.g. 5V, 12V, 24V, 36V, 48V
- The cutting unit e.g. 5cm, 10cm

If the customisation is a simple change of a standard strip, we can usually accommodate the change with a minimum order quantity (MOQ) of 50m however if a customisation requires a custom FPC to be designed and manufactured the MOQ may rise to 1000m.

The general turnaround time for a simple customisation not requiring a custom FPC is 3-4 weeks.

LUMUL Flex Strip

PREMIUM 5YR

LUMUL PREMIUM STRIPS

Model number	Voltage	Description	Power W	Cut cm	CRI Ra
FP-2835-60	24V	2835 60 led single colour	12	10	90
FP-2835-120	24V	2835 120 led single colour	24	5	90
FPB-2835-80-HE	24V	2835 80 led high efficiency single colour	9.6	10	80
FP-2835-80-HE	24V	2835 80 led high efficiency + brightness single colour	12	10	90
FP-2835-120-CRI	24V	2835 120 led high CRI single colour	24	5	95
FP-2835-112-DC	24V	2835 112 led CCT tunable	20	12.5	90
FP-2835-120-DC-CRI	24V	2835 120 led high CRI CCT tunable	18	5	95
FP-2835-120-TC	24V	2835 120 led temperature control single colour	24	5	90
FPB-2835-60-LRA	24V	2835 60 led super length 21m single colour	5	10	80
FP-2835-60-SL	24V	2835 60 led super length 20m single colour	9	10	90
FP-2835-120-SC	24V	2835 120 led single led cut single colour	18	0.8	90
FP-2835-60-S	24V	2835 S-strip 60 led single colour	12	10	90
FP-3528-240	24V	3528 240 led high density single colour	19	2.5	90
FP-3528-120-CRI	24V	3528 120 led high CRI single colour	9	5	95
FP-3528-120-DC-2IN1	24V	3528 120 led 2-in-1 CCT tunable	19	5	80
FP-3014-60-SV	24V	3014 60 led single colour	6	10	90
FP-3014-120	24V	3014 120 led single colour	11	5	90
FP-5050-60-CRI	24V	5050 60 led high CRI single colour	13	10	95
FP-5050-60-RGB	24V	5050 60 led RGB	13	10	
FP-5050-60-RGBBPR	24V	5050 60 led breakpoint resume RGB		10	
FP-5050-60-RGBW	24V	5050 60 led 4-in-1 RGBW	11	10	
FP-5050-60-5IN1	24V	5050 60 led 5-in-1 RGBWWW	17	10	
FP-5050-60-RGB+W	24V	5050 60 led RGBW	16	16.7	
FP-5050-60-CCT-TC	24V	5050 60 led temperature control CCT tunable	12	10	90
FP-5050-60-SL-5IN1	24V	5050 60 led 5-in-1 super length 15m RGBWWW	12.5	10	
FP-5050-60-SL-RGB	24V	5050 60 led super length 15m RGB	11	10	
FP-5050-60-SL-RGBW	24V	5050 60 led 4-in-1 super length 15m RGBW	19	10	
FP-2216-240	24V	2216 240 led narrow single colour	10	2.5	90
FP-2216-420	24V	2216 420 led single colour	24.4	1.43	90
FP-5630-60	24V	5630 single colour 60 led	15	10	90
FP-3030-70	24V	3030 single colour 70 led	16	10	80
FP-020-60-RGBSV	24V	Side view 020 RGB 60 led	11	5	
FP-COB-384-8	24V	COB 384 led	8	8.33	90
FP-COB-384-10	24V	COB 384 led High Brightness	12	8.33	90
FP-COB-480-5	24V	COB 480 led Narrow Strip	7	5	90
FP-COB-480-8	24V	COB 480 led	9	5	90
FP-COB-480-10	24V	COB 480 led High Brightness	12	5	90
FP-COB-512-8	24V	COB 512 led	10	6.25	90
FP-COB-512-10	24V	COB 512 led High Brightness	14	6.25	90

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2835 60 LED

EPISTAR™ 2835

Model No	FP-2835-60	**LEDs / m**	60
Input voltage	DC 24V	**SMD**	2835
Voltage type	Constant voltage	**LED spacing**	16.6mm
Power per m	12W	**LED placement**	Single
Max current / LED	55mA	**Cutting unit**	100mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
CRI (Ra)	90	**FPC width**	8mm
		FPC thickness	3oz
		FPC type	Straight
2700K **3000K** **4000K** **6000K**	984 lm 991 lm 1092 lm 1146 lm	**Max length**	8m (1 feed)
			16m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	100 lm/W	**Warranty**	5 years

Also available in 64, 80, 120, 128, 160 and 240 LEDs per meter.

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2835 120 LED

EPISTAR™ 2835

Model No	FP-2835-120	**LEDs / m**	120
Input voltage	DC 24V	**SMD**	2835
Voltage type	Constant voltage	**LED spacing**	8.3mm
Power per m	24W	**LED placement**	Single
Max current / LED	55mA	**Cutting unit**	50mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
CRI (Ra)	90	**FPC width**	10mm
		FPC thickness	3oz
		FPC type	Straight
2700K **3000K** **4000K** **6000K**	1913 lm 1927 lm 2123 lm 2229 lm	**Max length**	8m (1 feed)
			16m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	93 lm/W	**Warranty**	5 years

Also available in 60, 64, 80, 128, 160 and 240 LEDs per meter.

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2835 80 LED HIGH EFFICIENCY

EPISTAR™ 2835

MODEL NO	FPB-2835-80-HE	**LEDS / M**	80
INPUT VOLTAGE	DC 24V	**SMD**	2835
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	7.8MM
POWER PER M	9.6W	**LED PLACEMENT**	SINGLE
		CUTTING UNIT	100MM
BEAM ANGLE	120°	**WORKING HOURS**	54000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 60°C
CRI (RA)	80	**FPC WIDTH**	10MM
WAVELENGTH / TEMPERATURE	2700K - 6000K	**FPC THICKNESS**	3OZ
		FPC TYPE	STRAIGHT
2800-3200K **4000-4500K** **5000-5500K** **6500-7000K**	1507 LM/M 1680 LM/M 1728 LM/M 1737 LM/M	**MAX LENGTH**	5M (1 FEED)
			10M (2 FEEDS)
		IP OPTIONS	IP20, IP67, IP68
MAX LUMEN EFFICIENCY	181 LM/W	**WARRANTY**	5 YEARS

Also available in 64, 128, 160, 240, 288, 416 and 432 LEDs per meter.

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2835 80 LED HIGH EFFICIENCY HIGH BRIGHTNESS

EPISTAR™ 2835

MODEL NO	FP-2835-80-HE	**LEDS / M**	80
INPUT VOLTAGE	DC 24V	**SMD**	2835
VOLTAGE TYPE	CONSTANT CURRENT	**LED SPACING**	12.5MM
POWER PER M	12W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	55MA	**CUTTING UNIT**	100MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	90	**FPC WIDTH**	10MM
		FPC THICKNESS	3OZ
		FPC TYPE	STRAIGHT
2700K **3000K** **4000K** **6000K**	1932 LM 1972 LM 2023 LM 1987 LM	**MAX LENGTH**	8M (1 FEED)
			16M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	163 LM/W	**WARRANTY**	5 YEARS

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2835 120 LED HIGH CRI

EPISTAR™ 2835

MODEL NO	FP-2835-120-CRI	**LEDS / M**	120
INPUT VOLTAGE	DC 24V	**SMD**	2835
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	8.3MM
POWER PER M	24W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	56MA	**CUTTING UNIT**	50MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	95	**FPC WIDTH**	10MM
		FPC THICKNESS	3OZ
		FPC TYPE	STRAIGHT
2700K **3000K** **4000K** **6000K**	1913 LM 1927 LM 2123 LM 2229 LM	**MAX LENGTH**	8M (1 FEED)
			16M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	91 LM/W	**WARRANTY**	5 YEARS

A fantastic high brightness strip with a CRI exceeding 95Ra. With the LEDs being 8.3mm apart you won't readily see hot spots or dark spots with this strip.

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2835 112 LED CCT TUNABLE

EPISTAR™ 2835

Model No	FP-2835-112-DC	**LEDs / m**	112
Input voltage	DC 24V	**SMD**	2835
Voltage type	Constant voltage	**LED spacing**	8.9mm
Power per m	20W	**LED placement**	Single
Max current / LED	105mA	**Cutting unit**	125mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
CRI (Ra)	90	**FPC width**	10mm
		FPC thickness	3oz
		FPC type	Straight
2700K **3000K** **4000K** **6000K**	TBC	**Max length**	8m (1 feed)
			16m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	TBC	**Warranty**	5 years

The strip contains two white temperature chips. By adjusting the brightness of each colour you can achieve a good representation of any white temperature between the two chips. The dual colours are usually (but not limited to) 2700K and 6000K.

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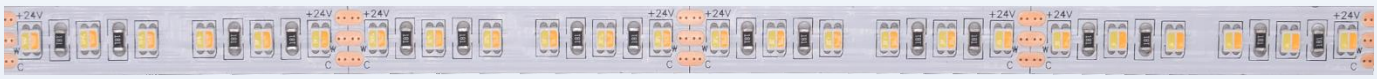
LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2835 120 LED CCT TUNABLE HIGH CRI

EPISTAR™ 2835



MODEL NO	FP-2835-120-DC-CRI	**LEDS / M**	120
INPUT VOLTAGE	DC 24V	**SMD**	2835
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	8.3MM
POWER PER M	18W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	15MA	**CUTTING UNIT**	50MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	95	**FPC WIDTH**	10MM
		FPC THICKNESS	3OZ
		FPC TYPE	STRAIGHT
2700K **3000K** **4000K** **6000K**		**MAX LENGTH**	8M (1 FEED)
			16M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY		**WARRANTY**	5 YEARS

The dual colours on this strip are usually a warm white and a cool white.

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2835 120 LED TEMPERATURE CONTROL

EPISTAR™ 2835

MODEL NO	FP-2835-120-TC	**LEDS / M**	120
INPUT VOLTAGE	DC 24V	**SMD**	2835
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	8.3MM
POWER PER M	23.76W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	50MA	**CUTTING UNIT**	50MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	TBC	**FPC WIDTH**	10MM
		FPC THICKNESS	3OZ
		FPC TYPE	STRAIGHT
2700K **3000K** **4000K** **6000K**	1840 LM 1900 LM 1965 LM 2060 LM	**MAX LENGTH**	8M (1 FEED)
			16M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	87 LM/W	**WARRANTY**	5 YEARS

Excessive heat can speed up the lumen decay of an LED. This temperature control strip monitors the temperature of the strip : if it exceeds 60°C the current will automatically reduce and if the temperature exceeds 85°C the strip will shut down so as not to damage the LEDs.

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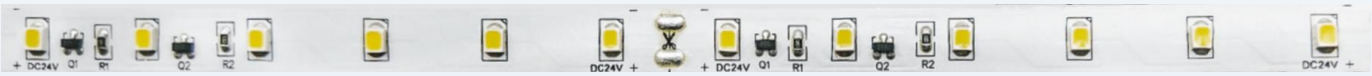
LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2835 60 LED SUPER LENGTH 21M

EPISTAR™ 2835



MODEL NO	FPB-2835-60-LRA	**LEDS / M**	60
INPUT VOLTAGE	DC 24V	**SMD**	2835
VOLTAGE TYPE	CONSTANT CURRENT	**LED SPACING**	16.67MM
POWER PER M	5.04W	**LED PLACEMENT**	SINGLE
		CUTTING UNIT	100MM
BEAM ANGLE	120°	**WORKING HOURS**	54000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 60°C
CRI (RA)	80	**FPC WIDTH**	10MM
		FPC THICKNESS	3OZ
		FPC TYPE	STRAIGHT
2800-3200K **4000-4500K** **5000-5500K** **6500-7000K** **8000-9500K**	423 LM/M 431 LM/M 438 LM/M 438 LM/M 448 LM/M	**MAX LENGTH**	21M (1 FEED)
			42M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	89 LM/W	**WARRANTY**	5 YEARS

Available in this series:

- 60 & 120 LEDs per meter
- Low, medium & high wattage & brightness

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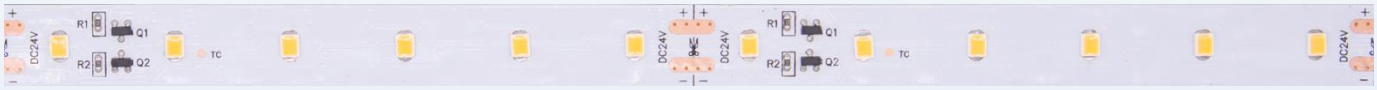
LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2835 60 LED SUPER LENGTH 20M

EPISTAR™ 2835



MODEL NO	FP-2835-60-SL	**LEDS / M**	60
INPUT VOLTAGE	DC 24V	**SMD**	2835
VOLTAGE TYPE	CONSTANT CURRENT	**LED SPACING**	16.6MM
POWER PER M	8.6W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	40MA	**CUTTING UNIT**	100MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	90	**FPC WIDTH**	12MM
		FPC THICKNESS	3OZ
		FPC TYPE	STRAIGHT
2700K **3000K** **4000K** **6000K**	995 LM 995 LM 1120 LM 1075 LM	**MAX LENGTH**	20M (1 FEED)
			40M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	124 LM/W	**WARRANTY**	5 YEARS

LUMUL super length / long run series flexible strips can be run for very long lengths with only one power feed, without any voltage drop along the length of the strip. The running length can be doubled by feeding a second power source into the other end of the strip.

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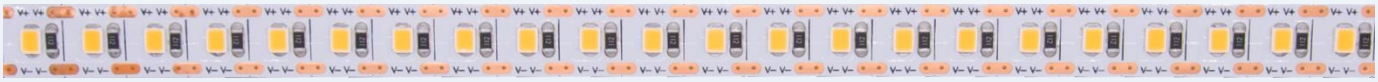
LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2835 120 LED SINGLE LED CUT

EPISTAR™ 2835



MODEL NO	FP-2835-120-SC	**LEDS / M**	120
INPUT VOLTAGE	DC 24V	**SMD**	2835
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	8.3MM
POWER PER M	17.86W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	18MA	**CUTTING UNIT**	8.3MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	90	**FPC WIDTH**	10MM
		FPC THICKNESS	3OZ
		FPC TYPE	STRAIGHT
2700K **3000K** **4000K** **6000K**	753 LM 759 LM 836 LM 878 LM	**MAX LENGTH**	8M (1 FEED)
			16M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	49 LM/W	**WARRANTY**	5 YEARS

With an 8mm cutting unit on a 24V strip, this strip is ideal for projects where a precision cut is required whilst containing 120 2835 LEDs per meter helps to reduce the visibility of individual LEDs and hot spots.

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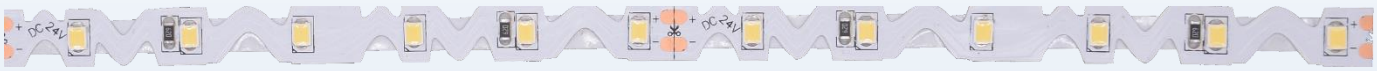
LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2835 60 LED S STRIP

EPISTAR™ 2835



MODEL NO	FP-2835-60-S	**LEDS / M**	60
INPUT VOLTAGE	DC 24V	**SMD**	2835
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	14.2MM
POWER PER M	11.7W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	55MA	**CUTTING UNIT**	100MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	90	**FPC WIDTH**	8MM
		FPC THICKNESS	2OZ
		FPC TYPE	S-STRIP
2700K **3000K** **4000K** **6000K**	774 LM 774 LM 853 LM 895 LM	**MAX LENGTH**	8M (1 FEED)
			16M (2 FEEDS)
		IP OPTIONS	IP20
MAX LUMEN EFFICIENCY	76 LM/W	**WARRANTY**	5 YEARS

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PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

3528 240 LED

EPISTAR™ 3528

Model No	FP-3528-240	**LEDs / m**	240
Input voltage	DC 24V	**SMD**	3528
Voltage type	Constant voltage	**LED spacing**	8.3mm
Power per m	19W	**LED placement**	Single
Max current / LED	32.9mA	**Cutting unit**	25mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
CRI (Ra)	90	**FPC width**	10mm
		FPC thickness	3oz
		FPC type	Straight
2700K **3000K** **4000K** **6000K**	1135 lm 1208 lm 1377 lm 1459 lm	**Max length**	8m (1 feed)
			16m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	77 lm/W	**Warranty**	5 years

Also available in 60, 120 and 180 LEDs per meter.

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PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

3528 120 LED HIGH CRI

EPISTAR™ 3528

MODEL NO	FP-3528-120-CRI	**LEDS / M**	120
INPUT VOLTAGE	DC 24V	**SMD**	3528
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	8.3MM
POWER PER M	9W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	19MA	**CUTTING UNIT**	50MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	95	**FPC WIDTH**	8MM
		FPC THICKNESS	3OZ
		FPC TYPE	STRAIGHT
2700K **3000K** **4000K** **6000K**	568 LM 605 LM 689 LM 730 LM	**MAX LENGTH**	8M (1 FEED)
			16M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	82 LM/W	**WARRANTY**	5 YEARS

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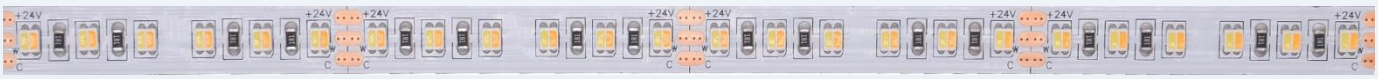
LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

3528 120 LED CCT TUNABLE 2-IN-1

EPISTAR™ 3528



MODEL NO	FP-3528-120-DC-2IN1	**LEDS / M**	120
INPUT VOLTAGE	DC 24V	**SMD**	3528
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	8.3MM
POWER PER M	18.72W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	45MA	**CUTTING UNIT**	50MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	>85	**FPC WIDTH**	10MM
WAVELENGTH / TEMPERATURE	WW: 3000K CW: 6000K	**FPC THICKNESS**	3OZ
		FPC TYPE	STRAIGHT
WW **CW** **WW+CW**	801 LM 813 LM 1569 LM	**MAX LENGTH**	8M (1 FEED)
			16M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	83.8 LM/W	**WARRANTY**	5 YEARS

The dual colours are usually two white colours such as 3000K and 6000K

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PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

3014 60 LED SIDE VIEW

EPISTAR™ 3014

MODEL NO	FP-3014-60-SV	**LEDS / M**	60
INPUT VOLTAGE	DC 24V	**SMD**	3014
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	16.6MM
POWER PER M	6W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	26.5MA	**CUTTING UNIT**	100MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	SIDE VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	80	**FPC WIDTH**	8MM
		FPC THICKNESS	3OZ
		FPC TYPE	STRAIGHT
2700K **3000K** **4000K** **6000K**	525 LM 525 LM 556 LM 535 LM	**MAX LENGTH**	8M (1 FEED)
			16M (2 FEEDS)
		IP OPTIONS	IP20, IP67, IP68
MAX LUMEN EFFICIENCY	88 LM/W	**WARRANTY**	5 YEARS

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

3014 120 LED

EPISTAR™ 3014

Model No	FP-3014-120	**LEDs / m**	120
Input voltage	DC 24V	**SMD**	3014
Voltage type	Constant voltage	**LED spacing**	8.3mm
Power per m	10.5W	**LED placement**	Single
Max current / LED	43.5mA	**Cutting unit**	50mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
CRI (Ra)	90	**FPC width**	8mm
		FPC thickness	3oz
		FPC type	Straight
2700K **3000K** **4000K** **6000K**	942 lm 998 lm 1057 lm 1108 lm	**Max length**	8m (1 feed)
			16m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	106 W	**Warranty**	5 years

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

5050 60 LED HIGH CRI

EPISTAR™ 5050

MODEL NO	FP-5050-60-CRI	**LEDS / M**	60
INPUT VOLTAGE	DC 24V	**SMD**	5050
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	16.6MM
POWER PER M	12.72W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	56.5MA	**CUTTING UNIT**	100MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	95	**FPC WIDTH**	10MM
		FPC THICKNESS	3OZ
		FPC TYPE	STRAIGHT
2700K **3000K** **4000K** **6000K**	934 LM 944 LM 1122 LM 1263 LM	**MAX LENGTH**	8M (1 FEED)
			16M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	99 LM/W	**WARRANTY**	5 YEARS

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

5050 60 LED RGB

EPISTAR™ 5050

Model No	FP-5050-60-RGB	**LEDs / m**	60
Input voltage	DC 24V	**SMD**	5050 RGB
Voltage type	Constant voltage	**LED spacing**	16.6mm
Power per m	13.2W	**LED placement**	Single
Max current / LED	43.5mA	**Cutting unit**	100mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
		FPC width	8mm
Wavelength / Temperature	Red: 620-630nm Green: 520-530nm Blue: 465-475nm	**FPC thickness**	3oz
		FPC type	Straight
		Max length	8m (1 feed)
			16m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency		**Warranty**	5 years

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

5050 60 LED RGB BREAKPOINT RESUME

EPISTAR™ 5050

MODEL NO	FP-5050-60-RGBBPR	**LEDS / M**	60
INPUT VOLTAGE	DC 24V	**SMD**	5050 RGB
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	16.6MM
POWER PER M	TBC	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	TBC	**CUTTING UNIT**	100MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
		FPC WIDTH	10MM
WAVELENGTH / TEMPERATURE	RED: 620-630NM GREEN: 520-530NM BLUE: 465-475NM	**FPC THICKNESS**	3OZ
		FPC TYPE	STRAIGHT
2700K **3000K** **4000K** **6000K**		**MAX LENGTH**	8M (1 FEED)
			ONLY 1 FEED ALLOWED
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	TBC	**WARRANTY**	5 YEARS

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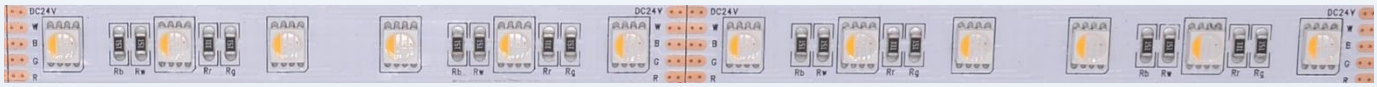
LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

5050 60 LED RGBW 4-IN-1

EPISTAR™ 5050



Model No	FP-5050-60-RGBW	**LEDs / m**	60
Input voltage	DC 24V	**SMD**	5050 RGBW
Voltage type	Constant voltage	**LED spacing**	16.6mm
Power per m	19.2W	**LED placement**	Single
Max current / LED	85mA	**Cutting unit**	100mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
		FPC width	12mm
Wavelength / Temperature	Red: 620-630nm Green: 520-530nm Blue: 465-475nm	**FPC thickness**	3oz
		FPC type	Straight
RGB+CW **RGB+NW** **RGB+WW**	880-920 lm 850-880 lm 750-850 lm	**Max length**	8m (1 feed)
			16m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	47.9 lm/W	**Warranty**	5 years

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

5050 60 LED RGBW 5-IN-1

EPISTAR™ 5050

Model No	FP-5050-60-5in1	**LEDs / m**	60
Input voltage	DC 24V	**SMD**	5050 RGB + W + WW
Voltage type	Constant voltage	**LED spacing**	16.6mm
Power per m	17W	**LED placement**	Single
Max current / LED	77mA	**Cutting unit**	100mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
		FPC width	12mm
Wavelength / Temperature	Red: 620-630nm Green: 520-530nm Blue: 465-475nm	**FPC thickness**	3oz
		FPC type	Straight
RGB+CW **RGB+WW** **RGB+CW+WW**	685-715 lm 620-645 lm 930-965 lm	**Max length**	8m (1 feed)
			16m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	TBC	**Warranty**	5 years

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

5050 60 LED RGB + W

EPISTAR™ 5050

Model No	FP-5050-60-RGB+W	**LEDs / m**	60
Input voltage	DC 24V	**SMD**	5050 RGB + 5050
Voltage type	Constant voltage	**LED spacing**	16.6mm
Power per m	16W	**LED placement**	Single
Max current / LED	120mA	**Cutting unit**	166.7mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
		FPC width	10mm
Wavelength / Temperature	Red: 620-630nm Green: 520-530nm Blue: 465-475nm White: 2700-6500K	**FPC thickness**	3oz
		FPC type	Straight
		Max length	8m (1 feed)
White	488-560 lm		16m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	TBC	**Warranty**	5 years

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

5050 60 LED CCT TUNABLE TEMPERATURE CONTROL

EPISTAR™ 5050

MODEL NO	FP-5050-60-CCT-TC	**LEDS / M**	60
INPUT VOLTAGE	DC 24V	**SMD**	5050
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	16.6MM
POWER PER M	12.27W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	58MA	**CUTTING UNIT**	100MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI	90	**FPC WIDTH**	10MM
WAVELENGTH / TEMPERATURE	2200K-9000K	**FPC THICKNESS**	3OZ
		FPC TYPE	STRAIGHT
2700K **3000K** **4000K** **6000K**	762 LM 808 LM 895 LM 915 LM	**MAX LENGTH**	8M (1 FEED)
			16M (2 FEEDS)
		IP OPTIONS	IP20, IP67, IP68
MAX LUMEN EFFICIENCY	72 LM/W	**WARRANTY**	5 YEARS

Excessive heat can speed up the lumen decay of an LED. This temperature control strip monitors the temperature of the strip : if it exceeds 60°C the current will automatically reduce and if the temperature exceeds 85°C the strip will shut down so as not to damage the LEDs.

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

5050 60 LED RGBW WW 5-IN-1 SLCC 15M

EPISTAR™ 5050

MODEL NO	FP-5050-60-SL-5IN1	**LEDS / M**	60
INPUT VOLTAGE	DC 24V	**SMD**	5050 RGBW WW
VOLTAGE TYPE	CONSTANT CURRENT	**LED SPACING**	16.6MM
POWER PER M	12.5W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	77MA	**CUTTING UNIT**	166.7MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
		FPC WIDTH	15MM
WAVELENGTH / TEMPERATURE	W: 6000-6500L WW: 2700-3000K RED: 620-630NM GREEN: 520-530NM BLUE: 465-475NM	**FPC THICKNESS**	3OZ
		FPC TYPE	STRAIGHT
WW+CW **RGB+WW** **RGB+CW** **RGB+WW+CW**	595-625 LM 620-645 LM 685-715 LM 930-965 LM	**MAX LENGTH**	15M (1 FEED)
			30M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	TBC	**WARRANTY**	5 YEARS

LUMUL super length / long run series flexible strips can be run for very long lengths with only one power feed, without any voltage drop along the length of the strip. The running length can be doubled by feeding a second power source into the other end of the strip.

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

5050 60 LED RGB SLCC 15M

EPISTAR™ 5050

Model No	FP-5050-60-SL-RGB	**LEDs / m**	60
Input voltage	DC 24V	**SMD**	5050 RGB
Voltage type	Constant current	**LED spacing**	16.6mm
Power per m	11W	**LED placement**	Single
Max current / LED	50mA	**Cutting unit**	100mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
		FPC width	12mm
Wavelength / Temperature	Red: 620-630nm Green: 520-530nm Blue: 465-475nm	**FPC thickness**	3oz
		FPC type	Straight
		Max length	15m (1 feed)
			30m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	TBC	**Warranty**	5 years

LUMUL super length / long run series flexible strips can be run for very long lengths with only one power feed, without any voltage drop along the length of the strip. The running length can be doubled by feeding a second power source into the other end of the strip.

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

5050 60 LED RGBW 4-IN-1 SLCC 15M

EPISTAR™ 5050

Model No	FP-5050-60-SL-RGBW	**LEDs / m**	60
Input voltage	DC 24V	**SMD**	5050 RGB
Voltage type	Constant current	**LED spacing**	16.6mm
Power per m	11.18	**LED placement**	Single
Max current / LED	TBC	**Cutting unit**	100mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
		FPC width	12mm
Wavelength / Temperature	Red: 620-630nm Green: 520-530nm Blue: 465-475nm	**FPC thickness**	3oz
		FPC type	Straight
2700K 3000K 4000K 6000K	N/A	**Max length**	15m (1 feed)
			30m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	TBC	**Warranty**	5 years

LUMUL super length / long run series flexible strips can be run for very long lengths with only one power feed, without any voltage drop along the length of the strip. The running length can be doubled by feeding a second power source into the other end of the strip.

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2216 240 LED NARROW STRIP

EPISTAR™ 2216

MODEL NO	FP-2216-240	**LEDS / M**	240
INPUT VOLTAGE	DC 24V	**SMD**	2216
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	4.16MM
POWER PER M	10.2W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	17.8MA	**CUTTING UNIT**	25MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	90	**FPC WIDTH**	5MM
WAVELENGTH / TEMPERATURE	2700K, 3000K, 4000K, 6000K	**FPC THICKNESS**	3OZ
		FPC TYPE	STRAIGHT
2700K **3000K** **4000K** **6000K**	1523 LM 1523 LM 1553 LM 1620 LM	**MAX LENGTH**	8M (1 FEED)
			16M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	159 LM/W	**WARRANTY**	5 YEARS

Only available in a 240 LEDs per meter configuration.

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2216 420 LED

EPISTAR™ 2216

Model No	FP-2216-420	**LEDs / m**	420
Input voltage	DC 24V	**SMD**	2216
Voltage type	Constant voltage	**LED spacing**	8.3mm
Power per m	24.4W	**LED placement**	Single
Max current / LED	18.6mA	**Cutting unit**	14.28mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
CRI (Ra)	90	**FPC width**	10mm
Wavelength / Temperature	2700K-6000K	**FPC thickness**	3oz
		FPC type	Straight
2700K **3000K** **4000K** **6000K**	2681 lm 2681 lm 2734 lm 2852 lm	**Max length**	8m (1 feed)
			16m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	117 lm/W	**Warranty**	5 years

Also available in 120, 180, 240 and 300 LEDs per meter.

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

5630 60 LED

EPISTAR™ 5630

Model No	FP-5630-60	**LEDs / m**	60
Input voltage	DC 24V	**SMD**	5630
Voltage type	Constant voltage	**LED spacing**	16.6mm
Power per m	15W	**LED placement**	Single
Max current / LED	79.25mA	**Cutting unit**	100mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
CRI (Ra)	90	**FPC width**	10mm
Wavelength / Temperature	2700K-6000K	**FPC thickness**	3oz
		FPC type	Straight
2700K **3000K** **4000K** **6000K**	1206 lm 1234 lm 1250 lm 1293 lm	**Max length**	8m (1 feed)
			16m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	85 lm/W	**Warranty**	5 years

Also available in 72 and 120 LEDs per meter.

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

3030 70 LED HIGH EFFICIENCY

NICHIA™ 3030

MODEL NO	FP-3030-70	**LEDS / M**	70
INPUT VOLTAGE	DC 24V	**SMD**	3030 (NICHIA)
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	14.2MM
POWER PER M	12.6W	**LED PLACEMENT**	SINGLE
MAX CURRENT / LED	58MA	**CUTTING UNIT**	100MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
CRI (RA)	80	**FPC WIDTH**	9MM
WAVELENGTH / TEMPERATURE	2700K-6000K	**FPC THICKNESS**	3OZ
		FPC TYPE	STRAIGHT
2700K **3000K** **4000K** **6000K**	1510 LM 1566 LM 1625 LM 1676 LM	**MAX LENGTH**	8M (1 FEED)
			16M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	133 LM/W	**WARRANTY**	5 YEARS

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020 60 LED RGB SIDE VIEW

EPISTAR™ 020

Model No	FP-020-60-RGBSV	**LEDs / m**	60
Input voltage	DC 24V	**SMD**	020 RGB 3-in-1
Voltage type	Constant voltage	**LED spacing**	16.7mm
Power per m	11W	**LED placement**	Single
Max current / LED	54mA	**Cutting unit**	50mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Side view	**Working temperature**	-25° to 45°C
		FPC width	10mm
Wavelength / Temperature	Red: 620-630nm Green: 520-530nm Blue: 465-475nm	**FPC thickness**	3oz
		FPC type	Straight
		Max length	8m (1 feed)
			16m (2 feeds)
		IP options	IP20, IP67, IP68
Max lumen efficiency		**Warranty**	5 years

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COB 384 LED

EPISTAR™ COB

Model No	FP-COB-384-8	**LEDs / m**	384
Input voltage	DC 24V	**SMD**	COB
Voltage type	Constant voltage	**LED spacing**	2.6mm
Power per m	8W	**LED placement**	Single
Beam angle	120°	**Cutting unit**	83.33mm
Beam direction	Top view	**Working hours**	50000 hours
CRI (Ra)	>90	**Working temperature**	-25° to 45°C
3000K **4000K** **6000K**	720 lm 880 lm 960 lm	**FPC width**	8mm
		FPC thickness	2oz
		FPC type	Straight
Max lumen efficiency	120 lm/W	**Max length**	8m (1 feed)
Colours	2700K, 3000K, 3200K, 3500K, 4000K, 5000K, 6000K, 6500K		16m (2 feeds)
		IP options	IP20, IP67
		Warranty	5 years

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

COB 384 LED HIGH BRIGHTNESS

EPISTAR™ COB

MODEL NO	FP-COB-384-10	**LEDS / M**	384
INPUT VOLTAGE	DC 24V	**SMD**	COB
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	2.6MM
POWER PER M	12W	**LED PLACEMENT**	SINGLE
BEAM ANGLE	120°	**CUTTING UNIT**	83.33MM
BEAM DIRECTION	TOP VIEW	**WORKING HOURS**	50000 HOURS
CRI (RA)	>90	**WORKING TEMPERATURE**	-25° TO 45°C
3000K **4000K** **6000K**	1080 LM 1200 LM 1440 LM	**FPC WIDTH**	10MM
		FPC THICKNESS	2OZ
		FPC TYPE	STRAIGHT
MAX LUMEN EFFICIENCY	120 LM/W	**MAX LENGTH**	8M (1 FEED)
COLOURS	2700K, 3000K, 3200K, 3500K, 4000K, 5000K, 6000K, 6500K		16M (2 FEEDS)
		IP OPTIONS	IP20, IP67
		WARRANTY	5 YEARS

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LUMUL Flex Strip

PREMIUM 5YR

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COB 480 LED NARROW STRIP

EPISTAR™ COB

MODEL NO	FP-COB-480-5	**LEDS / M**	480
INPUT VOLTAGE	DC 24V	**SMD**	COB
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	2.08MM
POWER PER M	7W	**LED PLACEMENT**	SINGLE
BEAM ANGLE	120°	**CUTTING UNIT**	50MM
BEAM DIRECTION	TOP VIEW	**WORKING HOURS**	50000 HOURS
CRI (RA)	>90	**WORKING TEMPERATURE**	-25° TO 45°C
3000K **4000K** **6000K**	620 LM 700 LM 770 LM	**FPC WIDTH**	5MM
		FPC THICKNESS	2OZ
		FPC TYPE	STRAIGHT
MAX LUMEN EFFICIENCY	110 LM/W	**MAX LENGTH**	8M (1 FEED)
COLOURS	2700K, 3000K, 3200K, 3500K, 4000K, 5000K, 6000K, 6500K		16M (2 FEEDS)
		IP OPTIONS	IP20, IP67
		WARRANTY	5 YEARS

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

COB 480 LED

EPISTAR™ COB

Model No	FP-COB-480-8	**LEDs / m**	480
Input voltage	DC 24V	**SMD**	COB
Voltage type	Constant voltage	**LED spacing**	2.08mm
Power per m	9W	**LED placement**	Single
Beam angle	120°	**Cutting unit**	50mm
Beam direction	Top view	**Working hours**	50000 hours
CRI (Ra)	>90	**Working temperature**	-25° to 45°C
3000K **4000K** **6000K**	900 lm 990 lm 1080 lm	**FPC width**	8mm
		FPC thickness	2oz
		FPC type	Straight
Max lumen efficiency	120 lm/W	**Max length**	8m (1 feed)
Colours	2700K, 3000K, 3200K, 3500K, 4000K, 5000K, 6000K, 6500K		16m (2 feeds)
		IP options	IP20, IP67
		Warranty	5 years

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

COB 480 LED HIGH BRIGHTNESS

EPISTAR™ COB

MODEL NO	FP-COB-480-10	**LEDS / M**	480
INPUT VOLTAGE	DC 24V	**SMD**	COB
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	2.08MM
POWER PER M	12W	**LED PLACEMENT**	SINGLE
BEAM ANGLE	120°	**CUTTING UNIT**	50MM
BEAM DIRECTION	TOP VIEW	**WORKING HOURS**	50000 HOURS
CRI (RA)	>90	**WORKING TEMPERATURE**	-25° TO 45°C
3000K **4000K** **6000K**	900 LM 1100 LM 1200 LM	**FPC WIDTH**	10MM
		FPC THICKNESS	2OZ
		FPC TYPE	STRAIGHT
MAX LUMEN EFFICIENCY	100 LM/W	**MAX LENGTH**	8M (1 FEED)
COLOURS	2700K, 3000K, 3200K, 3500K, 4000K, 5000K, 6000K, 6500K		16M (2 FEEDS)
		IP OPTIONS	IP20, IP67
		WARRANTY	5 YEARS

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

COB 512 LED

EPISTAR™ COB

Model No	FP-COB-512-8	**LEDs / m**	512
Input voltage	DC 24V	**SMD**	COB
Voltage type	Constant voltage	**LED spacing**	1.95mm
Power per m	10W	**LED placement**	Single
Beam angle	120°	**Cutting unit**	62.5mm
Beam direction	Top view	**Working hours**	50000 hours
CRI (Ra)	>90	**Working temperature**	-25° to 45°C
3000K **4000K** **6000K**	900 lm 1100 lm 1200 lm	**FPC width**	8mm
		FPC thickness	2oz
		FPC type	Straight
Max lumen efficiency	120 lm/W	**Max length**	8m (1 feed)
Colours	2700K, 3000K, 3200K, 3500K, 4000K, 5000K, 6000K, 6500K		16m (2 feeds)
		IP options	IP20, IP67
		Warranty	5 years

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LUMUL Flex Strip

PREMIUM 5YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

COB 512 LED HIGH BRIGHTNESS

EPISTAR™ COB

MODEL NO	FP-COB-512-10	**LEDS / M**	512
INPUT VOLTAGE	DC 24V	**SMD**	COB
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	1.95MM
POWER PER M	14W	**LED PLACEMENT**	SINGLE
BEAM ANGLE	120°	**CUTTING UNIT**	62.5MM
BEAM DIRECTION	TOP VIEW	**WORKING HOURS**	50000 HOURS
CRI (RA)	>90	**WORKING TEMPERATURE**	-25° TO 45°C
3000K **4000K** **6000K**	1260 LM 1540 LM 1680 LM	**FPC WIDTH**	10MM
		FPC THICKNESS	2OZ
		FPC TYPE	STRAIGHT
MAX LUMEN EFFICIENCY	120 LM/W	**MAX LENGTH**	8M (1 FEED)
COLOURS	2700K, 3000K, 3200K, 3500K, 4000K, 5000K, 6000K, 6500K		16M (2 FEEDS)
		IP OPTIONS	IP20, IP67
		WARRANTY	5 YEARS

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LUMUL ECONOMY STRIPS

Model number	Voltage	Description	Power W	Cut cm	CRI Ra
FE-2835-60	12V	2835 single colour 60 led	12	5	80
FE-5050-60-RGB	12V	5050 RGB 60 led	14.4	5	
FE-5050-60-WS2811	12V	5050 RGB WS2811 60 LED	14.4	5	

Not all of the LUMUL Economy flexible strips listed above are held in stock with the non-stock items ordered from the factory as customised strip orders with an MOQ. Since we offer a strip customisation service, the above list of Economy strips also represents a small sample of what is available and possible as an economy strip.

The economy strip range is *generally* (but not always) defined by the following:

- A 2oz double copper FPC
- An 8mm FPC for 2835 single colour strips and 10mm FPC for 5050 strips
- High brightness Epistar LED chips
- A standard 2 year warranty
- 12 hour per day use in order to achieve the stated L70 value

LUMUL Flex Strip

ECONOMY 2YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

2835 60 LED

EPISTAR™ 2835

Model No	FE-2835-60	**LEDs / m**	60
Input voltage	DC 12V	**SMD**	2835
Voltage type	Constant voltage	**LED spacing**	16.7mm
Power per m	12W	**LED placement**	Single
		Cutting unit	50mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
CRI (Ra)	80	**FPC width**	8mm
		FPC thickness	2oz
		FPC type	Straight
		Max length	5m (1 feed)
			10m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	120 lm/W	**Warranty**	2 years

A wonderfully versatile single colour flexible strip. This strip is extremely bright and reliable and ideal for bulkheads and other concealed lighting. It is designed for 12 hour a day use – should you require a strip to run 24 hours a day please explore our premium range.

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LUMUL Flex Strip

ECONOMY 2YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

5050 60 LED RGB

EPISTAR™ 5050

Model No	FE-5050-60-RGB	**LEDs / m**	60
Input voltage	DC 12V	**SMD**	5050 RGB
Voltage type	Constant voltage	**LED spacing**	16.7mm
Power per m	14.4W	**LED placement**	Single
		Cutting unit	50mm
Beam angle	120°	**Working hours**	30000 hours
Beam direction	Top view	**Working temperature**	-25° to 45°C
		FPC width	10mm
		FPC thickness	2oz
		FPC type	Straight
		Max length	5m (1 feed)
			10m (2 feeds)
		IP options	IP20, IP65, IP67, IP68
Max lumen efficiency	TBC	**Warranty**	2 years

A high brightness analogue RGB strip.

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LUMUL Flex Strip

ECONOMY 2YR

TEMP CONTROL | CCT TUNABLE | SUPER LENGTH | RGB | RGBW | HIGHLY EFFICIENT | HIGH CRI | SHORT CUT

5050 60 LED DIGITAL RGB

EPISTAR™ 5050

MODEL NO	FE-5050-60-WS2811	**LEDS / M**	60
INPUT VOLTAGE	DC 12V	**SMD**	5050
VOLTAGE TYPE	CONSTANT VOLTAGE	**LED SPACING**	16.7MM
POWER PER M	14.4W	**LED PLACEMENT**	SINGLE
		CUTTING UNIT	50MM
BEAM ANGLE	120°	**WORKING HOURS**	30000 HOURS
BEAM DIRECTION	TOP VIEW	**WORKING TEMPERATURE**	-25° TO 45°C
PROTOCOL	WS2811	**FPC WIDTH**	10MM
		FPC THICKNESS	2OZ
		FPC TYPE	STRAIGHT
		MAX LENGTH	5M (1 FEED)
			10M (2 FEEDS)
		IP OPTIONS	IP20, IP65, IP67, IP68
MAX LUMEN EFFICIENCY	TBC	**WARRANTY**	2 YEARS

A high brightness digital RGB strip controlled through the WS2811 protocol. Being a 12V strip, each pixel consists of 3 successive 5050 chips. The strip can be cut between every pixel i.e. every 3 LEDs.

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