



2024 NEW PRODUCT HIGHLIGHT

Icon System

Input Voltage



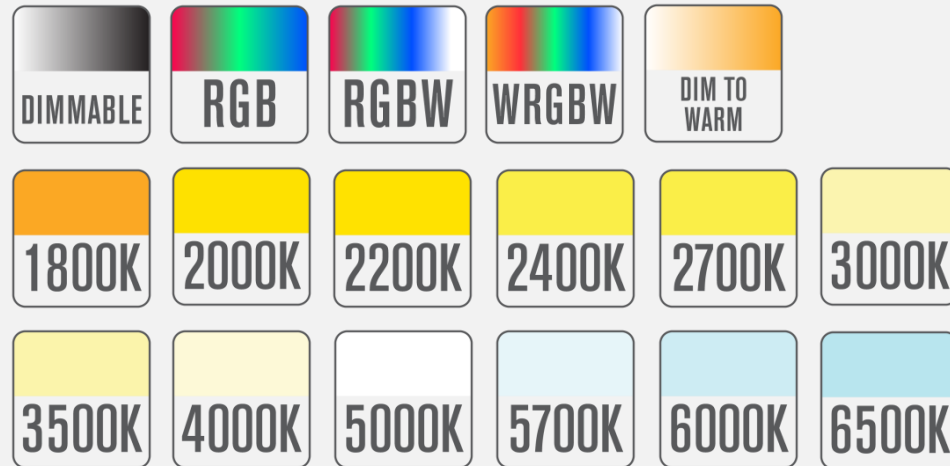
Color Rendering Index (CRI)



Waterproof Grade



Color & Feature



3-Step MacAdam





LED FLEX STRIP – ErP PRODUCT CLASSIFICATION

ErP Product Classification

What is ErP?

ErP stands for “Energy - related Products”, an European Union (EU) directive to improve Energy Efficiency and Performance Standards of products.

- * Comprises two directives : **Ecodesign and Energy Labelling**
- * Goal : Reduction of Energy, to improve the Efficiency of products

Why is ErP important?

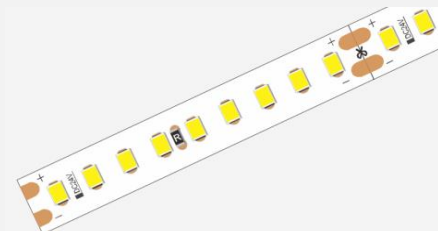
- * Affects all products that have an impact on the environment during their life

New Energy Labels in 2021: Applied since September 1, 2021

- * Most important changes :
- ** A new measuring scale indicates the energy efficiency of the Lighting Products including LED lighting.
- ** More focus is placed on energy-efficient.
- ** An unique QR code for the access of additional information.

Effective date(s)

- * Introduction of New Energy Labels for Lighting: September 1, 2021
- * Invalidity of Old Energy Labels : March 1, 2023



ErP SERIES LED Flexible Strip

Comparison Table shows Old Vs New classification for Lamps

OLD CLASSIFICATION	EFFICIENCY OF THE LAMP	NEW CLASSIFICATION
Class	lm/W	
A++	120	A
A+	55	B
		C
A++		D
A+		E
A		F
A		G

How to recognise a rescaled lighting product ?

Current Energy Label

NEW Energy Label

The rescaled energy efficiency class for this light source, an A++ in the previous label

The QR code gives access to more information on the model

The energy consumption of this product is calculated with refined methods

ErP Product Classification

ErP SERIES LED Flexible Strip



ErP PRODUCTS	CLASS 'B' 185 – 210 lm/W			CLASS 'C' 160 – 185 lm/W		
Part No.	ELL-FW2893-IN90-CV80-10-24V-CCT	ELL-FW2893-IN126-CV80-10-24V-CCT	ELL-FW2893-IN180-CV80-10-24V-CCT	ELL-FW2893-IN90-CV90-10-24V-CCT	ELL-FW2893-IN126-CV90-10-24V-CCT	ELL-FW2893-IN180-CV90-10-24V-CCT
Power	4.5W/m	6.3W/m	9W/m	4.5W/m	6.3W/m	9W/m
Voltage	24V	24V	24V	24V	24V	24V
Lumen (@4000K)	920 lm/m	1290 lm/m	1845 lm/m	830 lm/m	1165 lm/m	1665 lm/m
LED/m	90 pcs	126 pcs	180 pcs	90 pcs	126 pcs	180 pcs
CRI	80+	80+	80+	90+	90+	90+
Efficacy	205 lm/W	205 lm/W	205 lm/W	185 lm/W	185 lm/W	185 lm/W
Standard Length	5M	5M	5M	5M	5M	5M
Dimensions	10mm x 5M	10mm x 5M	10mm x 5M	10mm x 5M	10mm x 5M	10mm x 5M
Section Length	100mm / 9 LEDs	71.43mm / 9 LEDs	50mm / 9 LEDs	100mm / 9 LEDs	71.43mm / 9 LEDs	50mm / 9 LEDs

ErP Product Classification

ErP SERIES LED Flexible Strip

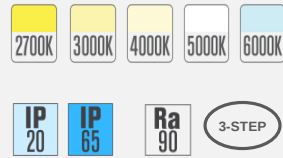


ErP PRODUCTS	CLASS 'D' 135– 160 lm/W			CLASS 'E' 110 – 135 lm/W		CLASS 'F' 85 – 110 lm/W	
Part No.	ELL-FW2883-IN96-CV90-10-24V-CCT	ELL-FW2883-IN128-CV90-10-24V-CCT	ELL-FW2883-IN160-CV80-10-24V-CCT	ELL-FW2873-IN70-CV90-8-24V-CCT	ELL-FW2873-IN126-CV90-10-24V-CCT	ELL-FW2863-IN60-CV90-8-24V-CCT	ELL-FW2863-IN120-CV90-8-24V-CCT
Power	11.5W/m	15.4W/m	14.4W/m	16.8W/m	25.9W/m	13.2W/m	21.6W/m
Voltage	24V	24V	24V	24V	24V	24V	24V
Lumen (@4000K)	1730 lm/m	2310 lm/m	2160 lm/m	2210 lm/m	3400 lm/m	1450 lm/m	2370 lm/m
LED/m	96 pcs	128 pcs	160 pcs	70 pcs	126 pcs	60 pcs	120 pcs
CRI	90+	90+	80+	90+	90+	90+	90+
Efficacy	150 lm/W	150 lm/W	150 lm/W	130 lm/W	130 lm/W	110 lm/W	110 lm/W
Standard Length	5M	5M	5M	5M	5M	5M	5M
Dimensions	10mm x 5M	10mm x 5M	10mm x 5M	8mm x 5M	10mm x 5M	8mm x 5M	8mm x 5M
Section Length	83.3mm / 8 LEDs	62.5mm / 8 LEDs	50.0mm / 8 LEDs	100mm / 7 LEDs	55.56mm / 7 LEDs	100mm / 6 LEDs	50.0mm / 6 LEDs



LED FLEX STRIP – ULTRA NARROW, SLIM

ULTRA NARROW, SLIM



2010 / 2835 LED Flexible Strip

• Features:

- Perfect for creating eyecatching
- Consistent color mixing effect
- Ultra Slim size
- Can be Fitted into Narrow Profile

• Applications:

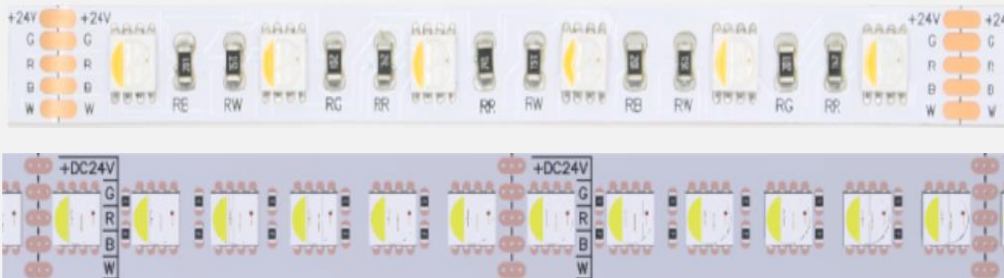
- Decorative Lighting
- Advertising Lighting
- Shelf, Cabinet Lighting
- Interior Lighting, Edge Lighting

Part No.	ELL-FW2063-IN108-CV90-2-24V-CCT	ELL-FW2063-IN240-CV90-3-24V-CCT	ELL-FW2273-IN238-CV90-3.5-24V-CCT	ELL-FW2063-IN240-CV90-4-24V-CCT	ELL-FW2863-IN120-CV90-5-24V-CCT
PCB Width	2mm	3mm	3.5mm	4mm	5mm
Power	5W/m	8W/m	9.8W/m	10W/m	19.2W/m
Voltage	24V	24V	24V	24V	24V
Lumen	470 lm/m	800 lm/m	1000 lm/m	1000 lm/m	1800 lm/m
LED/m	108pcs	240pcs	238pcs	240pcs	120pcs
CRI	90+	90+	90+	90+	90+
Standard Length	5M	5M	5M	5M	5M
Section Length	55.5mm/6 LEDs	25mm/6 LEDs	29.4mm/7 LEDs	25mm/6 LEDs	50mm/6 LEDs
IP Rating	IP20	IP20	IP20	IP20	IP20 / IP65



LED FLEX STRIP - RGBW / RGB

NARROW, SLIM, FINE PITCH



Part No.	ELL-FW50-IN60RGBW-CV80-10-24V-CCT-T	ELL-FW50-IN120RGBW-CV90-12-24V-CCT-T
Power	14.4W/m	23W/m
Voltage	24V	24V
Lumen	850 lm/m	1400 lm/m
LED/m	60pcs	120pcs
Standard Length	5M	5M
Width	10mm	12mm
Section Length	100mm	50mm

5050 RGBW LED Flexible Strip

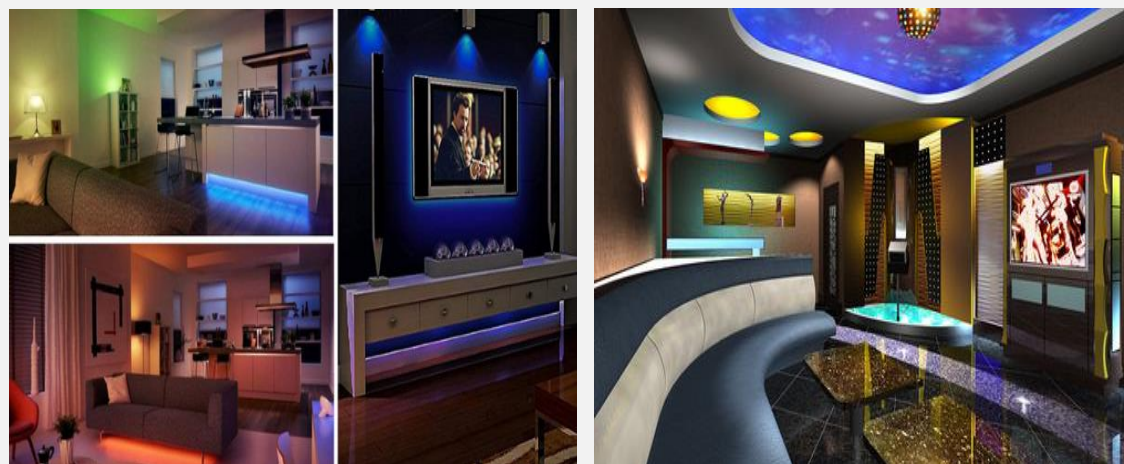


Features:

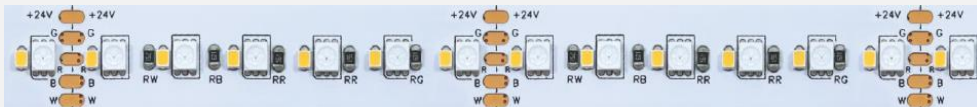
- High Brightness
- Ultra Slim Size
- Consistent Colour Temperature
- Can be Fitted into Narrow Profile

Applications:

- Cove Lighting
- Architectural Lighting
- Archway, Canopy Lighting
- Interior Lighting,
- Malls, Theater, Stage Lighting



FINE PITCH



Part No.	ELL-FW28+22-IN240-CV90-12-24V-RGB+CCT
Power	20W/m
Voltage	24V
Lumen	950 lm/m
LED/m	240pcs (120 + 120)
Standard Length	5M
Width	12mm
Section Length	50mm

2835 + 2216 RGBW LED Flexible Strip

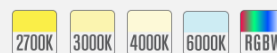


Features:

- High Brightness
- Ultra Fine Pitch, dotless
- Consistent Colour Temperature
- Excellent Color Mixing effect

Applications:

- Cove Lighting
- Architectural Lighting
- Archway, Canopy Lighting
- Interior Lighting,
- Malls, Theater, Stage Lighting

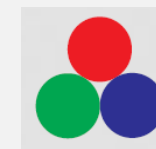


SUPER FINE PITCH



Part No.	ELL-FW286F-IN180-10-24V-RGB
Power	12W/m
Voltage	24V
Lumen	500 lm/m
LED/m	180pcs
Standard Length	5M
Width	10mm
Section Length	33.3mm

2835 RGB LED Flexible Strip



Features:

- High Brightness
- Ultra Fine Pitch, dotless
- Consistent Colour Temperature
- Excellent Color Mixing effect



Applications:

- Cove Lighting
- Architectural Lighting
- Archway, Canopy Lighting
- Interior Lighting,
- Malls, Theater, Stage Lighting



NARROW, ULTRA SLIM, FINE PITCH



Part No.	ELL-FW286F-IN120-8-24V-RGB	ELL-FW286F-IN120-6-24V-RGB
Power	14.4W/m	12W/m
Voltage	24V	24V
Lumen	500 lm/m	460 lm/m
LED/m	120pcs	120pcs
Standard Length	5M	5M
Width	8mm	6mm
Section Length	50mm	50mm

2835 RGB LED Flexible Strip



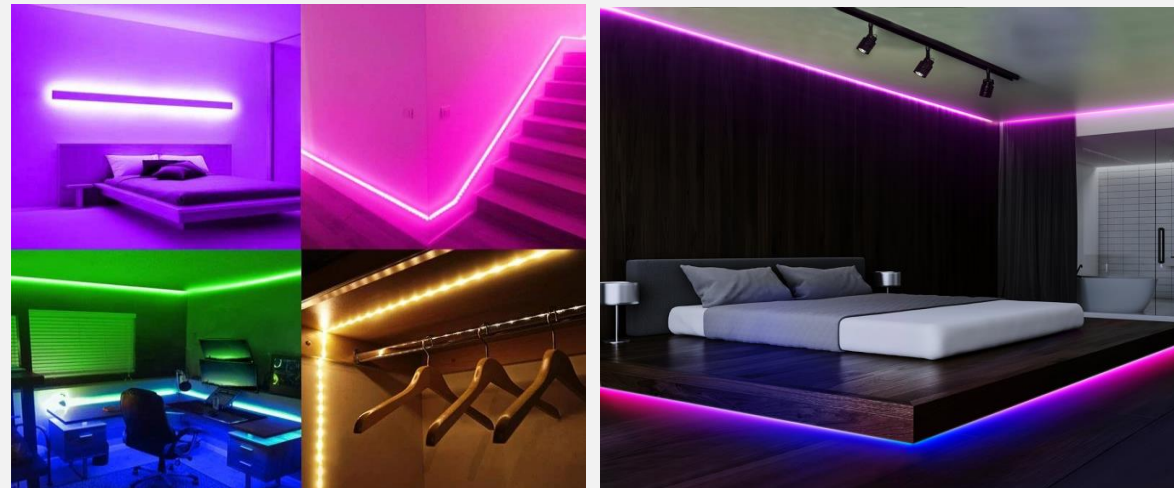
Features:

- Excellent color mixing effect
- Ultra Slim size
- Can be Fitted into Narrow Profile



Applications:

- Cove Lighting
- Architectural Lighting
- Archway, Canopy Lighting
- Interior Lighting,
- Malls, Theater, Stage Lighting



NARROW 5MM, ULTRA SLIM, FINE PITCH



Part No.	ELL-FW286F-IN120-5-24V-RGB
Power	10W/m
Voltage	24V
Lumen	415 lm/m
LED/m	120pcs
Standard Length	5M
Width	5mm
Section Length	50mm

2835 RGB LED Flexible Strip



Features:

- Perfect for creating eyecatching
- Excellent color mixing effect
- Ultra Slim size
- Can be Fitted into Narrow Profile



Applications:

- Cove Lighting
- Architectural Lighting
- Shelf, Cabinet Lighting
- Interior Lighting, Hospitality Lighting
- Stage Lighting, Edge Lighting





DMX / SPI ADDRESSABLE LED FLEX STRIP

AMAZING COLOR MIXING



Part No.	ELL-FW50-IN60-SPI1804-10-12V-RGB	ELL-FW50-IN144-SPI2813-12-5VDC-RGB
Voltage / Power	12V / 13.5W/m	5V / 20W/m
LED/m	60pcs	144pcs
IC Type	1804	2813
Standard Length	5M	5M
Width	10mm	12mm
Section Length	50mm	6.9mm
Max. Run Length	5M (10M @Double Feed)	2M (4M @Double Feed)

DMX/SPI Addressable LED Flexible Strip

Features:

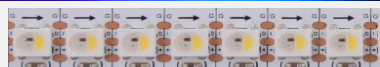
- Excellent smooth color mixing
- High quality and exceptional flexibility
- Compatible with most common SPI/DMX512 Controller

Applications:

- Animated LED Lighting
- Architectural Outline & Decorative Lighting
- Low Resolution Video Display
- Theaters, shopping malls Lighting



AMAZING COLOR MIXING



(Side Emit)

Part No.	ELL-FW50-IN144-SPI6812-12-5VDC-RGBW+CCT	ELL-FW31V-IN90-SPI6812-8-5VDC-RGB
Voltage / Power	5V / 20W/m	5V / 12W/m
LED/m	144pcs	90pcs
IC Type	6812	6812
Standard Length	5M	5M
Width	12mm	8mm
Section Length	6.9mm	11.1mm
Max. Run Length	2M (4M @Double Feed)	2M (4M @Double Feed)

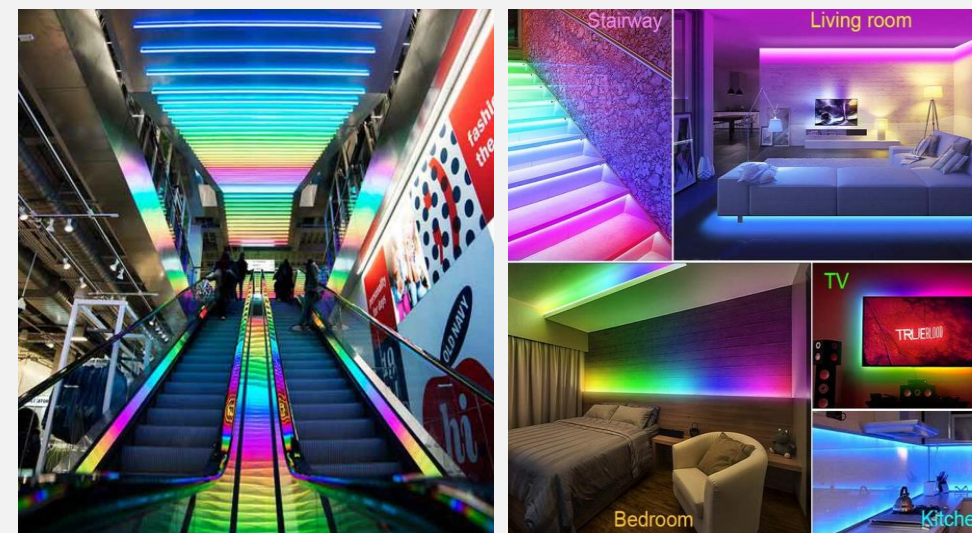
DMX/SPI Addressable LED Flexible Strip

Features:

- Excellent smooth color mixing
- High quality and exceptional flexibility
- Compatible with most common SPI/DMX512 Controller

Applications:

- Animated LED Lighting
- Architectural Outline & Decorative Lighting
- Low Resolution Video Display
- Theaters, shopping malls Lighting



DMX/SPI NEON FLEX



Part No.	ELL-FW50-SN60-SPI-10-12V-RGB
Power	13.5W/m
Voltage	12V
Lumen	10 - 150 lm/m
LED/m	60pcs
Standard Length	5M
Dimensions	12mm (W) x 25mm (H) with Dome top
Section Length	50mm

DMX/SPI Addressable Neon Flex Strip

• Features:

- 20 Pixels per Meter
- Dotless
- Perfect uniform multi-color changing effect
- Compatible with most common SPI/DMX512 Controller



• Applications:

- Architectural Outline & Decorative Lighting
- Outdoor & Indoor Lighting
- Signage & Display Lighting
- Stage Lighting





LED FLEX STRIP – LINEAR - COB

LINEAR – COB



LINEAR – COB - White LED Flexible Strip

Features:

- Dotless and Invisible LED Chips
- Perfect color consistency
- Good Flexibility & ease of Installation
- Wide Emitting Angle, 180 deg

Applications:

- Cove, Shelf, Cabinet Lighting
- Interior & Exterior Lighting
- Linear Lighting & Edge Lighting
- Residential & Retails Market

Part No.	ELL-FWCOB-IN480-CV90-4/8-24V-CCT-5W	ELL-FWCOB-IN480-CV90-8-24V-CCT-10W	ELL-FWCOB-IN480-CV90-8/10-24V-CCT-15W
PCB Width	4mm (IP20 only) / 8mm	8mm	8mm / 10mm
Power	5W/m	10W/m	15W/m
Voltage	24V	24V	24V
Lumen	560 lm/m	1140 lm/m	1690 lm/m
LED/m	480pcs	480pcs	480pcs
CRI	90+	90+	90+
Standard Length	5M	5M	5M
Section Length	50mm	50mm	50mm
IP Rating	IP20 / IP65	IP20 / IP65	IP20 / IP65



LINEAR LED Flexible Strip – COB - White

LINEAR – COB



LINEAR – COB – RGB / RGBW LED Flexible Strip



• Features:

- Dotless and Invisible LED Chips
- Perfect color consistency
- Good Flexibility & Consistent Color
- Wide Emitting Angle, 180 deg

• Applications:

- Cove, Shelf, Cabinet Lighting
- Interior & Exterior Lighting
- Decorative Lighting
- Residential & Retails Market

Part No.	ELL-FWCOB-IN480-8-24V-RED/GREEN/BLUE-10W	ELL-FWCOB-IN840-10-24V-RGB-15W	ELL-FWCOB-IN560-12-24V-RGBW-CCT-16W
PCB Width	8mm	10mm	12mm
Power	10W/m	15W/m	16W/m
Voltage	24V	24V	24V
Lumen	N/A	645 lm/m (3 colors On)	712 lm/m (4 colors On)
LED/m	480pcs	840pcs	560pcs
CRI	N/A	N/A	80+
Standard Length	5M	5M	5M
Section Length	50mm	50mm	50mm
IP Rating	IP20 / IP65	IP20 / IP65	IP20 / IP65



LINEAR – COB



LINEAR – COB – Tunable White & Side Emit LED Flexible Strip

• Features:

- Dotless and Invisible LED Chips
- Perfect color consistency
- Good Flexibility & Consistent Color
- Wide Emitting Angle, 180 deg

• Applications:

- Cove, Shelf, Cabinet Lighting
- Interior & Exterior Lighting
- Decorative Lighting
- Residential & Retails Market

(Side Emit)

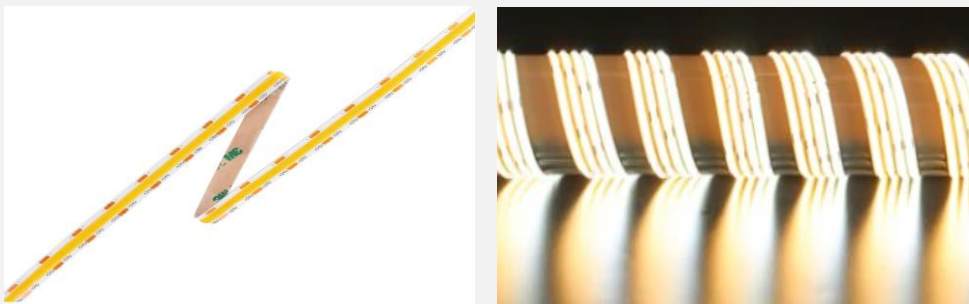


Part No.	ELL-FWCOB-IN576TA-CV90-10-24V-2700K-6500K-15W	ELL-FWCOBV-IN480-CV90-8-24V-CCT-10W
PCB Width	10mm	8mm
Power	15W/m	10W/m
Voltage	24V	24V
Lumen	1600 lm/m (2 colors On)	500 lm/m
LED/m	576pcs	480pcs
CRI	90+	90+
Standard Length	5M	5M
Section Length	27.8mm	33.33mm
IP Rating	IP20 / IP65	IP20 / IP65



LINEAR LED Flexible Strip – COB – Tunable White & Side Emit

LINEAR – COB



Part No.	ELL-FWCOB-IN480-CV90-8-24V-CCT-9W-ECO
PCB Width	8mm
Power	9W/m
Voltage	24V
Lumen	865 lm/m
LED/m	480pcs
CRI	90+
Standard Length	5M
Section Length	50mm
IP Rating	IP20

LINEAR – COB LED Flexible Strip - Continuous

• Features:

- Dotless and Invisible LED Chips
- Perfect color consistency, Seamless and No Soldering Joint
- Good Flexibility & Consistent Color
- Wide Emitting Angle, 180 deg

• Applications:

- Cove, Shelf, Cabinet Lighting
- Interior & Exterior Lighting
- Decorative Lighting
- Residential & Retails Market





LED FLEX STRIP – SAUNA ROOM

WITHSTAND HIGH TEMP & HUMIDITY



Part No.	ELL-FW2863-TNE120-CV90-10-24V-CCT-1607
Power	9.6W/m
Voltage	24V
Lumen	850 lm/m
LED/m	120 LEDs/m
Standard Length	10M
Operating Ambient Temp	0 – 100 deg C
IP Rating	IP67

LED Flexible Strip – SAUNA ROOM

• Features:

- Top quality materials ensure stable operation under extreme hot environment
- High resistance to Moisture
- High waterproof rating in IP67
- Long Lifespan

• Applications:

- High Temperature Sauna Room
- Steam Room / Spa
- Or other High Temp Environment

2700K

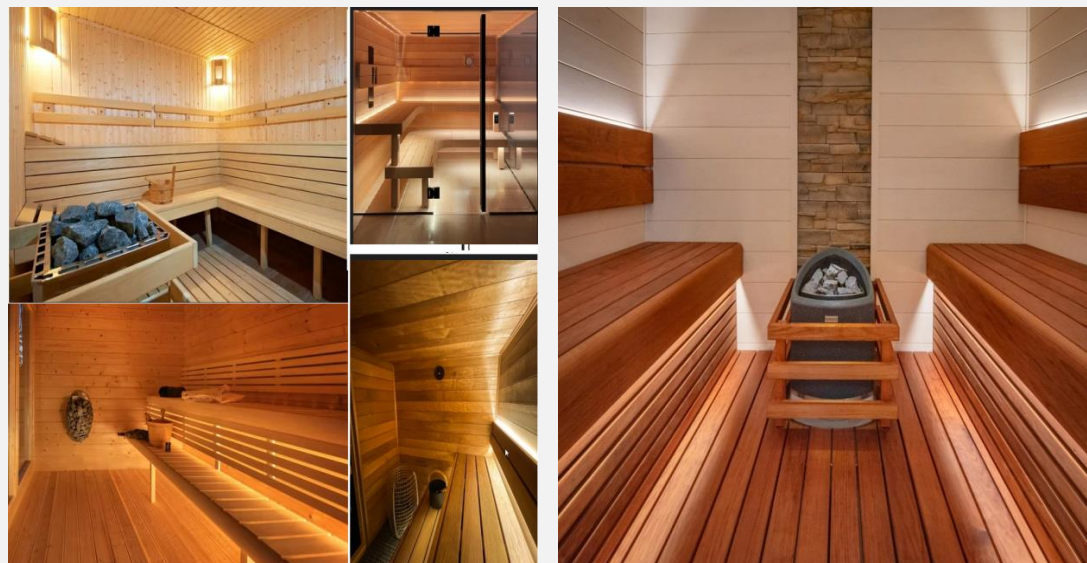
3000K

4000K

IP 67

Ra 90

3-STEP





LED FLEX STRIP – SOLAR LIKE

SOLAR SUNLIKE LED STRIP



Part No.	ELL-FWSS2873F-IN140-CV97-10-24V-CCT
Power	20W/m
Voltage	24V
Lumen	1700 lm/m
LED/m	140pcs
CRI	97+
Standard Length	5M
Section Length	50mm / 7 LEDs

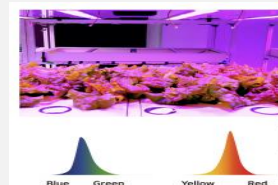
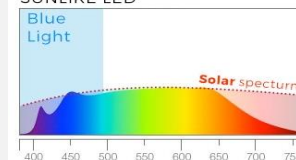
2835 High CRI (>97) LED Flexible Strip

Features:

- Offer a wide spectrum, very near the Solar Sunlike
- Less blue light, no negative effects on our health.
- High CRI Min. 97 (R9>85)
- Reduced scattered reflection & glare
- Decrease in eye fatigue, improved sleep quality

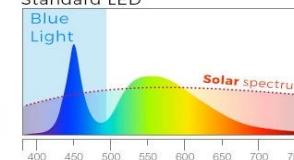


SUNLIKE LED



Blue Green Yellow Red

Standard LED



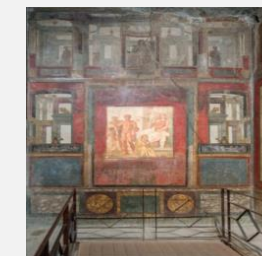
Violet Navy Blue Green Yellow Red



Applications:

- Natural spectrum lighting for Hospitals, Museums, Art Galleries, Jewelry
- Horticultural lighting
- Commercial & Residential
- Medical Clinics, Theaters, Fashion Shops

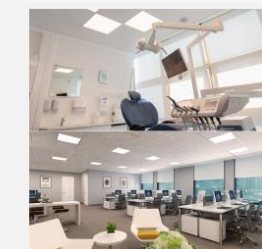
Sunlight offers real colors and regulates the body's biorhythms. Sunlike Light recreates the sunlight spectrum and restores natural light that contributes to the biorhythm control and health of humans.



SunLike LED Lighting



Conventional Lighting





LED FLEX STRIP – Horticultural & Agricultural

HORTICULTURAL & AGRICULTURAL LIGHT



Part No.	ELL-FWNF7FH-IN70-8-24V
Power	14.4W/m
Voltage	24V
Lumen	750 lm/m
LED/m	7pcs
Standard Length	5M
Section Length	100mm / 7 LEDs

Nichia Hortisolis™ LED Flexible Strip

Features:

- High PPE & PPF
- Provide specific wavelength light to grow plants efficiently.
- Stimulate plant growth
- Easy to verify the degree of growth

Applications:

- Artificial farms & vertical farms
- Green Houses
- Commercial

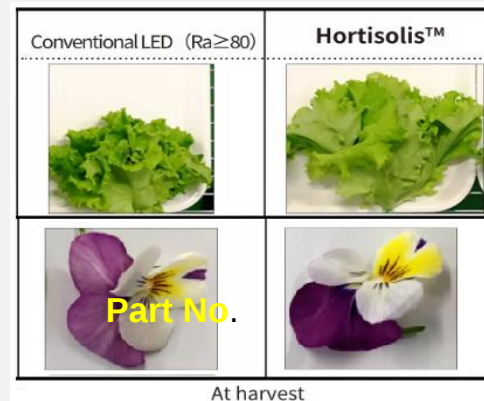


Increases the production efficiency per area of the artificial farm
With maximum efficiency. designed to have 'far-red' and green light as well as blue and red.

The inclusion of 'far-red' energy provides benefits within the flowering stage of plant growth and boost photosynthesis.

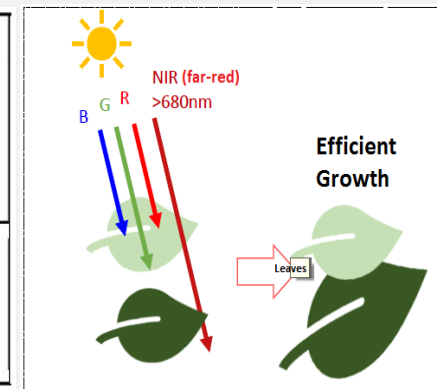
When far-red is present, it can:

- * Increases plant biomass / promotes plant stretching
- * Encourages & triggers flowering / enhances flower size & cell expansion



At harvest

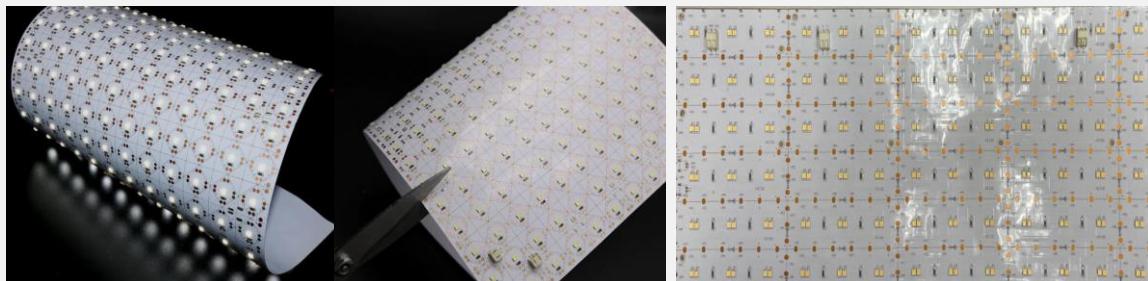
** Powered by Nichia Hortisolis™ LED **





PCB Panels, Flexible & Cuttable

Flexible PCB Panels

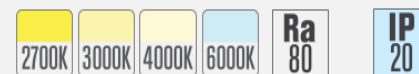


Part No.	ELL-FW28HV-IN256-P30-480x480-24V-CCT	ELL-FW2833-IN240-CV90-P30-480x240-12V-WW-CW
Voltage / Power	24V / 60W/panel	12V / 30W/panel
LED/panel	256pcs (1 LED/pixel; 16x16)	240pcs (6 LED/pixel; 5x8)
IC Type	N/A	N/A
Lumen/panel	6600 lm/panel	3300 lm/panel
Dimensions	480mm x 480mm	480mm x 240mm
LED Pitch	P30mm	P30mm
Cutting Section	30mm x 30mm	30mm x 96mm

PCB Panels Flexible & Cuttable

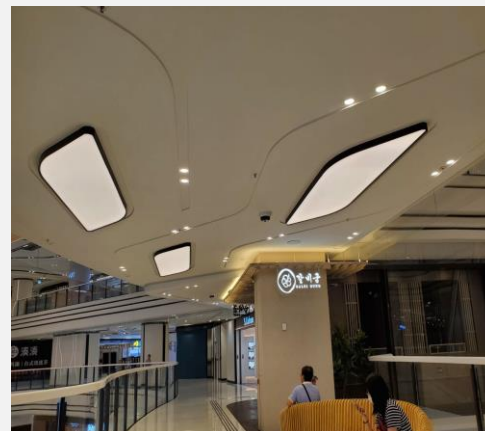
Features:

- Bendable & Cuttable to almost every shape
- Quick & Simple plug-and-play wire connection
- Easy Installation, 3M adhesive backside / screw mounting

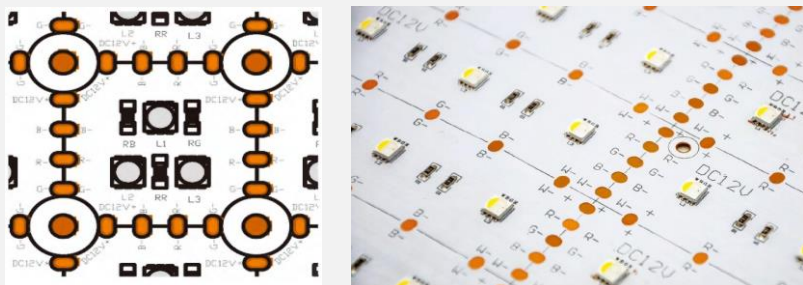


Applications:

- Backlighting, Light Box
- Ceiling Panel Lighting
- Sign Lighting Display & Mood Lighting
- Theaters, Shopping malls Lighting



Flexible PCB Panels



Part No.	ELL-FW50-IN256x3-P30-480x480-12V-RGB	ELL-FW50-IN240RGBW-CV80-P30-480x480-12V-CCT-T
Voltage / Power	12V / 60W/panel	12V / 67.2W/panel
LED/panel	768pcs (3 LED/pixel; 16x16)	240pcs (3 LED/pixel; 5x16)
IC Type	N/A	N/A
Lumen/panel	1800 lm/panel	3350 lm/panel
Dimensions	480mm x 480mm	480mm x 480mm
LED Pitch	P30mm	P30mm
Cutting Section	30mm x 30mm	30mm x 96mm

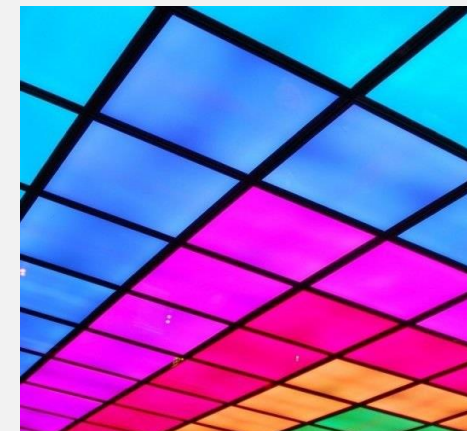
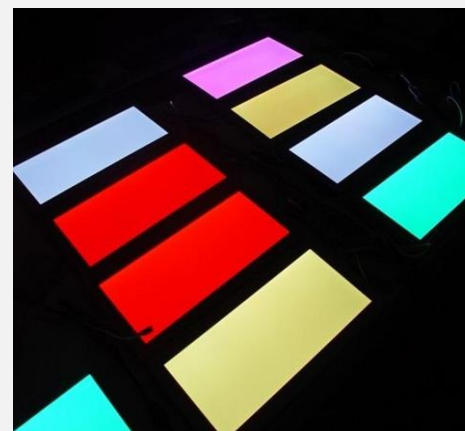
PCB Panels Flexible & Cuttable

Features:

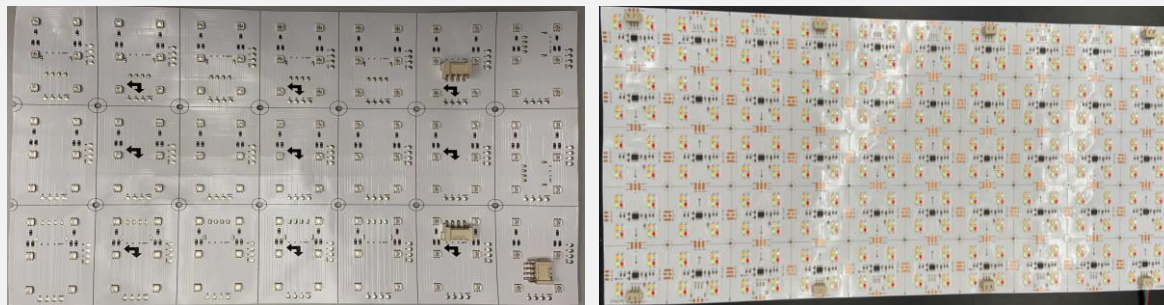
- Bendable & Cuttable to almost every shape
- Quick & Simple plug-and-play wire connection
- Easy Installation, 3M adhesive backside / screw mounting

Applications:

- Backlighting, Light Box
- Ceiling Panel Lighting
- Sign Lighting Display & Mood Lighting
- Theaters, Shopping malls Lighting



Flexible PCB Panels



Part No.	ELL-FW50-IN162-480x240-24V-RGB-DMX	ELL-FW28-IN800-SPI2904-504x235-24V-RGBW
Voltage / Power	24V / 35W/panel	24V / 92W/panel
LED/panel	162pcs (6 LED/pixel; 9x3)	800pcs (16 LED/pixel; 10x5)
IC Type	SM16512PS	UCS2904
Lumen/panel	950 lm/panel	5060 lm/panel
Dimensions	480mm x 240mm	503.5mm x 235mm
LED Pitch	P26.6mm	P25.2mm (x) / 23.5mm (y)
Cutting Section	53.33mm x 80mm	50.35mm x 47mm

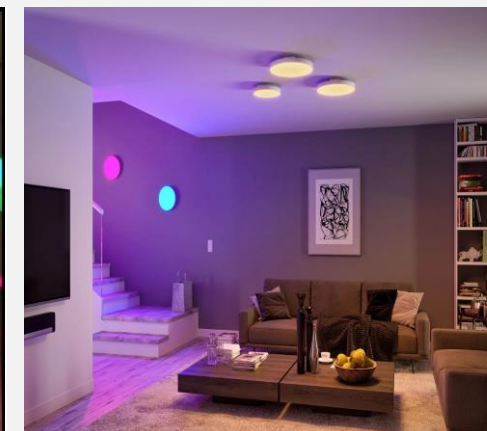
PCB Panels Flexible & Cuttable

Features:

- Bendable & Cuttable to almost every shape
- Quick & Simple plug-and-play wire connection
- Easy Installation, 3M adhesive backside / screw mounting

Applications:

- Backlighting, Light Box
- Ceiling Panel Lighting
- Sign Lighting Display & Mood Lighting
- Theaters, Shopping malls Lighting





NEON FLEX STRIP – BLACK & DUAL BEND

MYSTERY OF LIGHT



Top Bend

Side Bend

Part No.	ELL-FW28-TNE120-CV90-10-24V-CCT-1615B	ELL-FW28-SNE120-CV90-10-24V-CCT-1220B
Power	10W/m / 15W/m	10W/m / 15W/m
Voltage	24V	24V
Lumen	21 lm/m / 30 lm/m	18 lm/m / 24 lm/m
LED/m	120pcs	120pcs
Standard Length	5M	5M
Dimensions	16mm (W) x 15mm (H) TOP Bending	12mm (W) x 20mm (H) SIDE Bending
Section Length	50mm	50mm

Neon Flexible Strip – BLACK

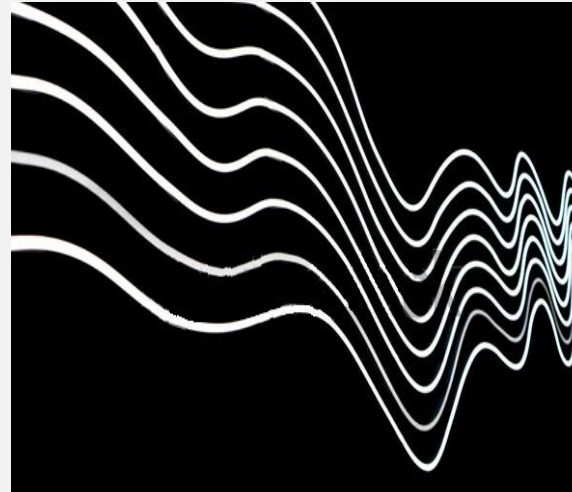
Features:

- Allow high creativity for Lighting Designers
- High quality and exceptional flexibility
- Dotless and High Consistency in Colors



Applications:

- Moody Lighting
- Architectural Outline & Decorative Lighting
- Bar Lighting, Wine cabinet decoration
- Theaters, shopping malls Lighting



DUAL BEND FREE YOUR IMAGINATION



Part No.	ELL-FW2863-TNI120S-CV90-10-24V-CCT-1616
Power	10W/m
Voltage	24V
Lumen	700 lm/m
LED/m	120pcs
Standard Length	5M
Dimensions	16mm (W) x 16mm (H)
Section Length	50mm

DUAL BEND – 2 Directional Neon Flex Strip

Features:

- Allow high creativity for Lighting Designers
- Flexible Dual Bending. Top & Side, available to build 3D pattern for any signage or art in wave shape
- Dotless and High Consistency in Colors

Applications:

- Decorative Lighting for Showcase, 3D & Wavy Pattern
- Architectural Outline & Decorative Lighting
- Outdoor & Indoor Contour Lighting
- Signage & Display Lighting





BLACK ALUMINUM PROFILE

MYSTERY OF LIGHT

BLACK Aluminum Profiles



- Features:**

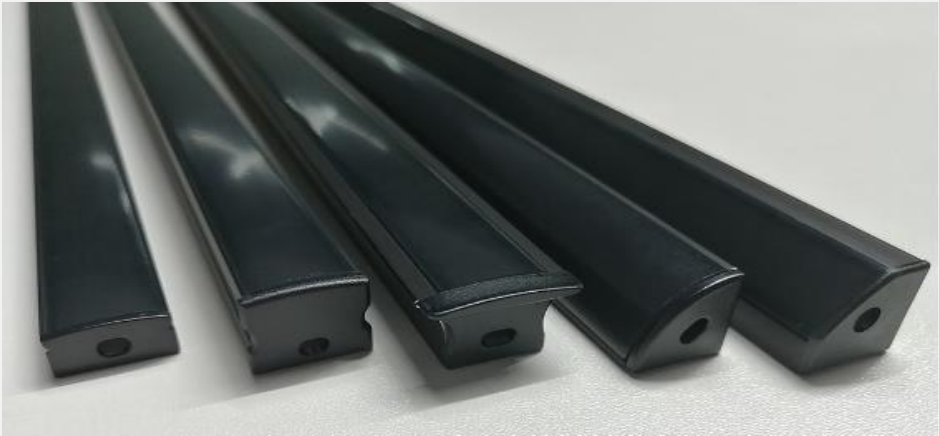
 - High Quality 6063 material
 - Dotless and High Consistency
- Applications:**

 - Cabinet & Corner Lighting
 - Architectural & Decorative Lighting



Part No.	ELL-BAP0809	ELL-BAP1010	ELL-BAP1510	ELL-BAP1707	ELL-BAP1808	ELL-BAP2020	ELL-BAP-3020
Dimensions (WxH)	7.6mm x 9mm	10mm x 10mm	15mm x 10mm	17mm x 7mm	18mm x 8mm	20mm x 20mm	30mm x 20mm
Image							

MYSTERY OF LIGHT



BLACK Aluminum Profiles

- **Features:**

• High Quality 6063 material

• Dotless and High Consistency
- **Applications:**

• Cabinet & Corner Lighting

• Architectural & Decorative Lighting



Part No.	ELL-BAP1109	ELL-BAP2110	ELL-BAP2424	ELL-BAP2507	ELL-BAP4320	ELL-BAP1616	ELL-BAP-1818
Dimensions (WxH)	11.2mm x 9mm	21mm x 10mm	24.5mm x 14.2mm	25mm x 6.8mm	43mm x 20mm	16mm x 16mm	18mm x 18mm
Image							



MAGNETIC LED PROFILE SERIES

FLEXIBLE INSTALLATION



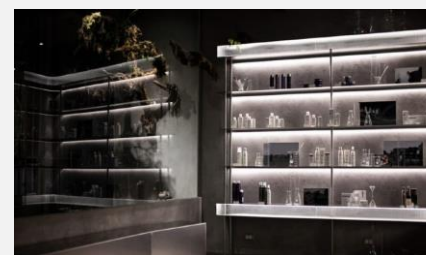
MAGNETIC PROFILE SERIES

Features:

- Quick & Easy Installation with magnets,
- High Flexibility, freely adjustment, no screw
- Invisible Mounting Bracket (option)
- Corrosion Resistance, Anodized Treatment

Applications:

- Indoor Lighting (hotel, bedroom, kitchen)
- Cove Lighting, Furniture Lighting
- Shelf Lighting (Supermarket or retail shops)



Part No.	ELL-MAP1010	ELL-MAP1619	ELL-MAP1619B	ELL-MAP1615	ELL-MAP1620-60D	ELL-MAP1711
Dimensions (WxH)	10mm x 10mm	16mm x 19mm	16mm x 19mm	16mm x 15mm	16mm x 20.5mm	17mm x 11mm
Image						

FLEXIBLE INSTALLATION



MAGNETIC PROFILE SERIES

Features:

- Quick & Easy Installation with magnets,
- High Flexibility, freely adjustment, no screw
- Invisible Mounting Bracket (option)
- Corrosion Resistance, Anodized Treatment



Applications:

- Indoor Lighting (hotel, bedroom, kitchen)
- Cove Lighting, Furniture Lighting
- Shelf Lighting (Supermarket or retail shops)



Part No.	ELL-MAP1716	ELL-MAP1721-30D	ELL-MAP1922-3F	ELL-MAP2634-T8	ELL-MAP2217	ELL-MAP0510
Dimensions (WxH)	17mm x 15.8mm	17mm x 20.8mm	22.6mm x 19.5mm	Dia 26mm x 34.1mm	22.6mm x 17.2mm	5.4mm x 10mm
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LED FLEX STRIP - 2835

FINE PITCH



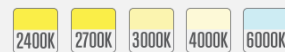
2835 SERIES 240 LEDs/m LED Flexible Strip

• Features:

- No Hot Spot
- High Brightness
- Long Life
- Simple Installation

• Applications:

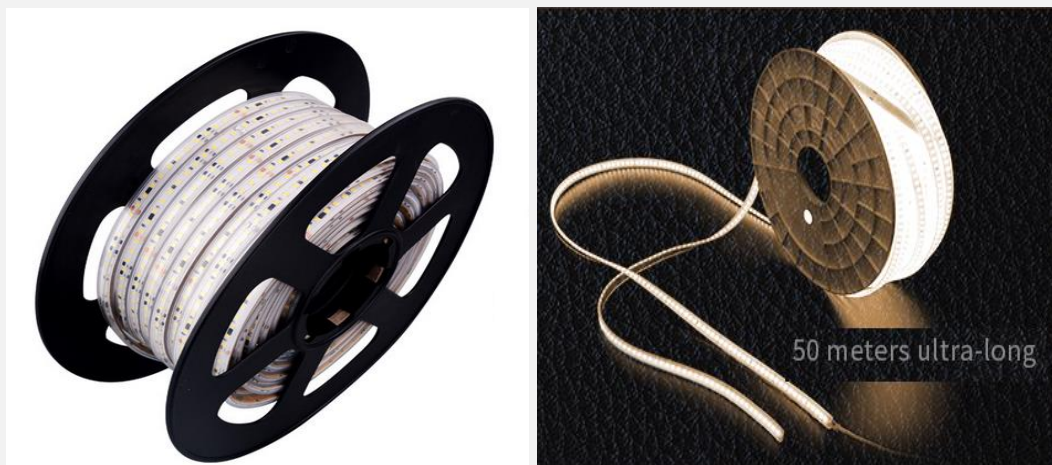
- Cove Lighting
- Architectural Lighting, Corridors
- Interior Lighting
- Edge Lighting



Part No.	ELL-FW2863-IN240-CV90-10-24V-CCT
Power	24W/m
Voltage	24V
Lumen	2100 lm/m
LED/m	240 pcs
Standard	5M
Width	10mm
Section Length	25mm



LONG STRIP



2835 SERIES 50M / 30M LED Flexible Strip

• Features:

- High Brightness
- Consistent Brightness
- With Constant Current Driver IC
- Durable Silicone Jacket

• Applications:

- Interior & Exterior Lighting
- Contour Lighting
- Stage Lighting
- Landscape Decorative Lighting
- Retails and Commercial Lighting

2700K

3000K

4000K

5000K

6000K

IP 20

IP 65

Ra 80

3-STEP

Part No.	ELL-FW28133-TNE130-CC80-10-48V-CCT
Power	4.1W/m (50m) / 12.8W/m (30m)
Voltage	48V
Lumen	410 lm/m (50m) / 1300 lm/m (30m)
LED/m	130 pcs
Standard Length	50M / 30M
Width	10mm
Section Length	100mm



DUAL POWER OPTIONS IN ONE STRIP



2835 SERIES LED Flexible Strip

• Features:

- Dual Selection of Brightness on site
- High Brightness
- Better Inventory Control
- Flexibility on Power Selection

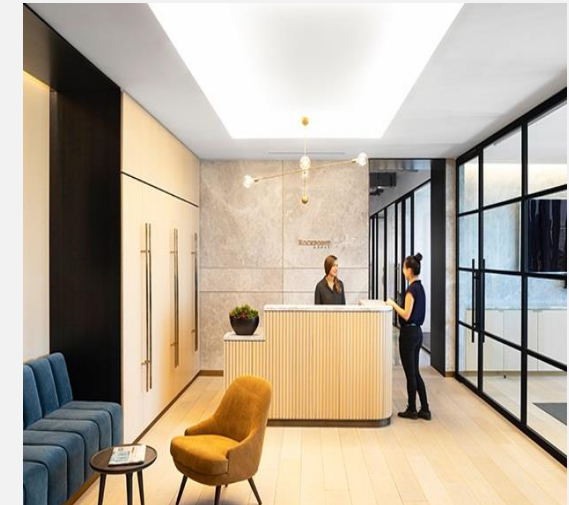


• Applications:

- General Lighting Luminaire
- Cove Lighting
- Office Lighting, Hotels Lighting
- Interior Lighting
- Architectural Lighting

Part No.	ELL-FW2863-IN120-CV90-10-24V-CCT-DP
Power	9.6W/m or 14.4W/m in one strip (Default) *
Voltage	24V
Lumen	880 lm/m (9.6W/m) or 1300 lm/m (14.4W/m)
LED/m	120 pcs
Standard Length	5M
Width	10mm
Section Length	50mm

Remarks: Any custom request on Two power options





LED FLEX STRIP - HIGH POWER

HIGH POWER



LED Flexible Strip – HIGH POWER

* 2.30W - 270lm / 40mm

* 2.85W - 340lm / 50mm

* 1.44W - 190lm / 25mm

Features:

- Concentrated High Power Light Source
- High Brightness in short length
- Better Inventory Control
- Replaced traditional luminaire

Applications:

- General Luminaire Lighting
- Mini Wall Washer

Part No.	ELL-FW284F-IN100-CN80-10-36V-CCT	ELL-FW285F-IN100-CN80-10-45V-CCT	ELL-FW282F-IN80-CN80-10-36V-CCT
Power	57W/m (2.3W/section)	57W/m (2.85W/section)	57.6W/m (1.44W/section)
Voltage	36V	45V	36V
Lumen	6800 lm/m (270 lm/section)	6800 lm/m (340 lm/section)	7600 lm/m (190 lm/section)
LED/m	100pcs	100pcs	80pcs
Standard Length	5M	5M	5M
Width	10mm	10mm	10mm
Section Length	40mm / 4 LEDs	50mm / 5 LEDs	25mm / 2 LEDs



LED FLEX STRIP – HIGH POWER



LED FLEX STRIP – DIM TO **WARM**

DIM TO WARM



Part No.	ELL-FW22CE-IN224PWD-CV90-10-24V-1800K-3000K
Power	13.8W/m
Voltage	24V
Lumen	1400 lm/m
LED/m	224 pcs (112pcs + 112pcs)
Standard	5M
Width	10mm
Section Length	62.5mm

Dim to Warm – PWM Dim Control LED Flexible Strip

- **Features:**

- Dim warm 3000K – 1800K
 - Simulate traditional Incandescent mood lighting
 - Compatible with most common PWM Controller
- **Applications:**

- Mood Lighting
 - Hotel, Interior Lighting
 - Interior Lighting
 - Edge Lighting



2000K



3000K



LED FLEX STRIP - LED WITH LENS

MINI WALL WASHER



Part No.	ELL-FW28CB-PUJ48-CV90-18-24V-CCT-L~°
Power	18W/m
Voltage	24V
Lumen	2000 lm/m
LED/m	48 pcs
Beam Angle	30° / 45° / 60° / 20*45°
Dimensions	18.5mm (W) x 9.5mm (H) x 5M (L)
Section Length	125mm

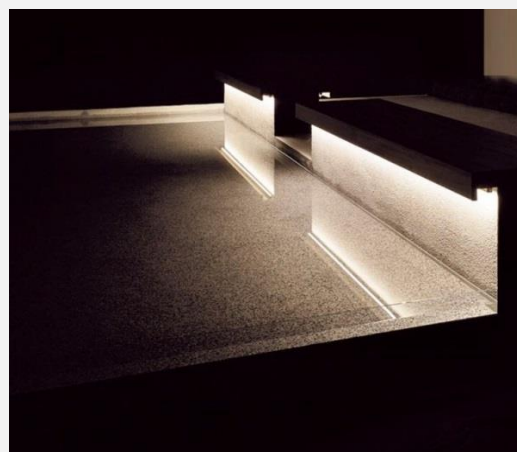
MINI WALL WASHER LED Flex Strip with Lens (Narrow Angle)

• Features:

- Allow high creativity for Lighting Designers
- Flexible and ease of Installation
- Light weight Wall Washer

• Applications:

- Exterior Contour Lighting
- Architectural Outline & Decorative Lighting
- Outdoor & Indoor Lighting
- Signage & Display Lighting



LED FLEX STRIP – LED WITH LENS (NARROW ANGLE)

LIGHT BOX STRIP



Part No.	ELL-FW60-IN60-CV80-10-24V-CCT-L160°
Power	14.4W/m
Voltage	24V
Lumen	1350 lm/m
LED/m	60 pcs
Beam Angle	160°
Dimensions	10mm (W) x 3.5mm (H) x 5M (L)
Section Length	33.3mm

LIGHT BOX STRIP LED Flex Strip with Lens (Wide Angle)

• Features:

- Backlite for Irregular Shape and Slim Lightbox
- Flexible and ease of Installation
- Light weight Wall Washer

3000K

4000K

6000K

IP
20

Ra
80

• Applications:

- Cove Lighting
- Architectural Outline & Decorative Lighting
- Lightbox Backlighting
- Signage & Display Lighting





LED FLEX STRIP – LINEAR COB LIKE

LINEAR – COB LIKE



LINEAR – COB LIKE LED Flex Strip (Dome)

• Features:

- Dotless and Homogeneous Lighting performance
- Perfect color consistency
- Flexible and ease of Installation
- Very Fine Pitch

• Applications:

- Cove Lighting, Cabinet Lighting
- Interior & Exterior Lighting
- Linear Lighting & Edge Lighting
- Residential & Retails Market

Part No.	ELL-FW2283-TNED320-CV90-8-24V-CCT-0804/1005	ELL-FW2273-TNED336-CV90-8-24V-CCT-1004	ELL-FW2283-TNED416-CV90-8-24V-CCT-0804/1005
Power	10W/m	12W/m	14W/m
Voltage	24V	24V	24V
Lumen	1150 lm/m	1020 lm/m	1610 lm/m
LED/m	320 pcs	336 pcs	416 pcs
Standard Length	5M	5M	5M
Dimensions	8mm(W) x 4mm(H) (IP54)/ 10mm(W) x 5mm(H) (IP67)	10mm(W) x 4mm(H) (IP67)	8mm(W) x 4mm(H) (IP54)/ 10mm(W) x 5mm(H) (IP67)
Section Length	25mm	41.7mm	19.2mm



LINEAR – COB LIKE



LINEAR – COB LIKE LED Flex Strip (Dome)

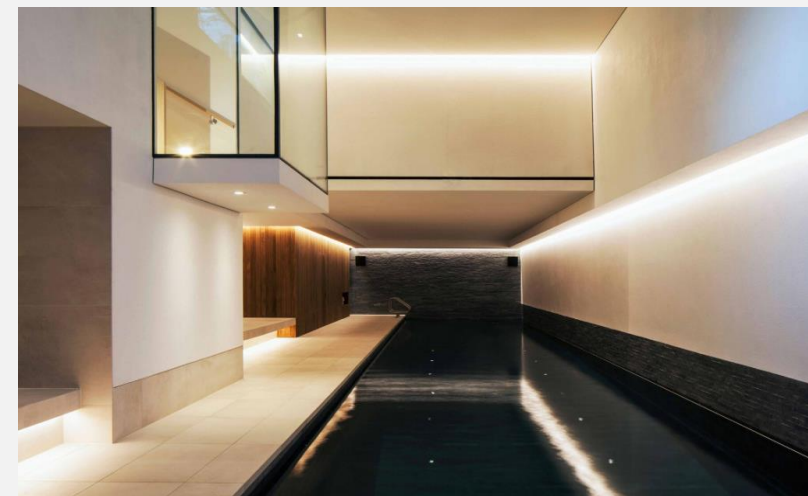
• Features:

- Dotless and Homogeneous Lighting performance
- Perfect color consistency
- Flexible and ease of Installation
- Very Fine Pitch

• Applications:

- Cove Lighting, Cabinet Lighting
- Interior & Exterior Lighting
- Linear Lighting & Edge Lighting
- Residential & Retails Market

Part No.	ELL-FW2883-TNED304-CV90-10-24V-CCT-1004/1204	ELL-FW2883-TNED368-CV90-8-24V-CCT-1005
Power	19W/m	12W/m
Voltage	24V	24V
Lumen	2280 lm/m	1380 lm/m
LED/m	304 pcs	368 pcs
Standard Length	5M	5M
Dimensions	10mm(W) x 4mm(H) (IP54)/ 12mm(W) x 4.5mm(H) (IP67)	10mm(W) x 5mm(H) (IP67)
Section Length	26.3mm	21.7mm





LED FLEX STRIP – SIDE BENDABLE

SIDE BENDABLE



SIDE BENDABLE LED Flexible Strip

• Features:

- Flexible Dual Bending. Top & Side, capable of building 3D pattern for any signage or art in wave shape
- Excellent Color Consistency

• Applications:

- Cove Lighting
- Edge Lighting
- Interior Lighting, Architectural Lighting
- Signage Lighting



Part No.	ELL-FR42823-WP48-CV90-10-24V-CCT-3D
Power	10W/m
Voltage	24V
Lumen	950 lm/m
LED/m	48 pcs
Standard Length	0.97M /Reel
Width	11.5mm
Section Length	40mm



DUAL SIDE LED UP & DOWN



Part No.	ELL-FW31V6F-IN240D-CV80-8-24V-CCT
Power	12W/m
Voltage	24V
Lumen	1200 lm/m
LED/m	240 pcs (120 + 120)
Standard Length	5M /Reel
Width	8mm
Section Length	25mm

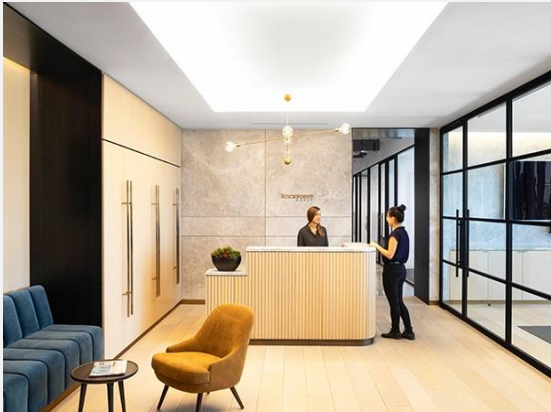
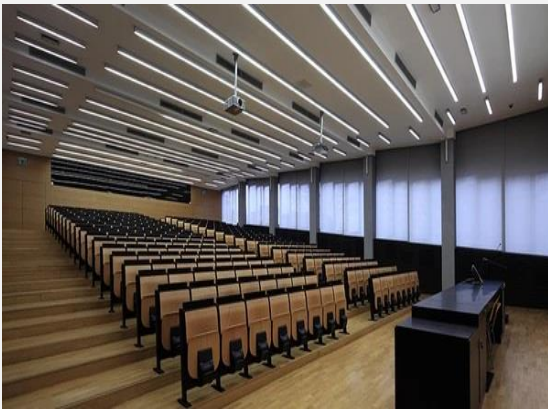
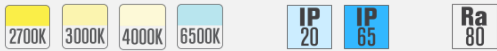
DUAL SIDE LED LED Flexible Strip

• Features:

- Dual Side View
- Can be Installed in Ultra Slim Space
- High Brightness

• Applications:

- Shelf and Cabinet Lighting
- Cove Lighting
- Edge Lighting
- Interior Lighting, Architectural Lighting
- Signage Lighting



LED FLEX STRIP – SIDE BENDABLE

SIDE BENDABLE RGB

SIDE EMITTED RGB LED Flexible Strip



• Features:

- Perfect color consistency
- Flexible and easy to be installed
- Vivid RGB Color Mixing effect



• Applications:

- Cove Lighting, Cabinet Lighting
- Interior Lighting
- Linear Lighting & Edge Lighting
- Residential & Stage Lighting
- Signage Lighting & Bar Lighting



LED FLEX STRIP – SIDE BENDABLE

Part No.	ELL-FW47V6F-IN60-8-24V-RGB	ELL-FW47V6F-IN120-8-24V-RGB
Power	11.5W/m	12.8W/m
Voltage	24V	24V
Lumen	R:96 lm/m ; G:222 lm/m ; B:51 lm/m	R:100 lm/m ; G:296 lm/m ; B:67 lm/m
LED/m	60 pcs	120 pcs
Standard Length	5M	5M
Width	8mm	8mm
Section Length	100mm	50mm



eLumen LED Lighting Solutions Company Limited

Chinese & English Contact

Andy Lau

T: 852 6290 4578

E: andy@elumenled.com

Japanese Contact

マックス

Max Wong

T: 852 3521 1945

E: max@elumenled.com

Hong Kong Office:

Unit 10-11, 11/F, New Trend Centre,
704 Prince Edward Road East,
San Po Kong, Kowloon, Hong Kong

T: 852 3520 1441

F: 852 3520 1449

E: sales@elumenled.com

W: www.elumenled.com

China Factory

7/F Block C, Guan Cheng Low-carbon Industrial
Park Shangcun, Gongming Town, Guangming
New District, Shenzhen,
Guangdong Province, China

T: 86 755 2740 7093

F: 86 755 2740 7129

Chinese & English Contact

Andy Lau

T: 852 6290 4578

E: andy@elumenled.com



Japanese Contact

マックス

Max Wong

T: 852 3521 1945

E: max@elumenled.com

Hong Kong Office:

Unit 10-11, 11/F, New Trend Centre,
704 Prince Edward Road East,
San Po Kong, Kowloon, Hong Kong

T: 852 3520 1441

F: 852 3520 1449

E: sales@elumenled.com

W: www.elumenled.com

China Factory

7/F Block C, Guan Cheng Low-carbon Industrial
Park Shangcun, Gongming Town, Guangming
New District, Shenzhen,
Guangdong Province, China

T: 86 755 2740 7093

F: 86 755 2740 7129