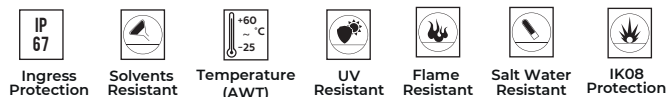
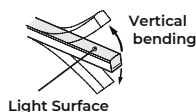
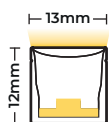


White / Colorful Light (Silicone)



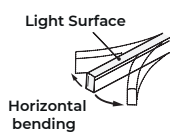
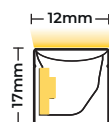
Vertical Bending / Top Bending



Min. bending diameter $\geq 120\text{mm}$

Min. cutting length 50mm (Single Color)

Horizontal Bending / Side Bending



Min. bending diameter $\geq 120\text{mm}$

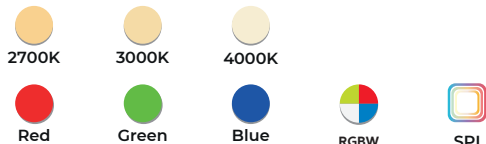
Min. cutting length 50mm (Single Color)



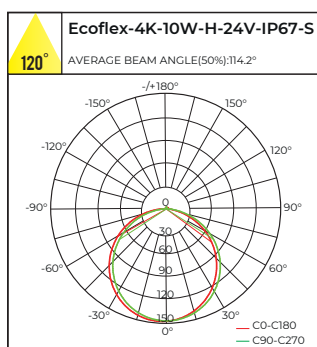
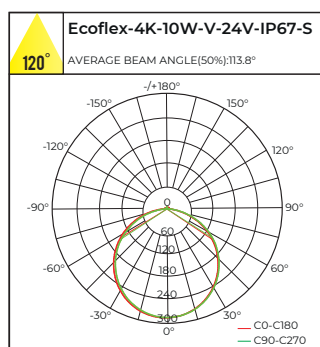
Certification Marks:



CCT:



Polar Diagrams:



Benefits:

A solution for **Visual Accentuation, Prominence, Relevance, Reliability** and **Robustness**.

Features:

- Dependable, innovative, effective and prompt technical support to all project stakeholders from idea to realization phases of project.
- This series is available in monochromatic White color tones as standard offering and also available in monochrome Red, green, Blue and Amber or customized color version as options.
- Silicone encapsulated slender, flat and flexible LED profile having minimalist dimensions, optimally suits for intricate, sleek, crisp and controlled lighting effects.
- Unique optical light distribution structure design, uniform lighting surface and no shadow.
- Available in vertical(top) and horizontal(side) bending versions, which provides the freedom to seamlessly integrate, gel and flow with the architectural features, curvatures and contours.
- 1+3OZ flexible printed circuit board (FPCB) with built in constant current IC for reliable operation and consistent luminosity over designated spans of LED profile.
- Homogenous spotless luminance due to optimal pitch of LEDs.
- Engineered to withstand and perform in an demanding operational environment, marked with wide ambient working temperature range of -25 to +60 °C, humidity, dust, dirt and UV light irradiation.
- Factory installed IP67 Silicone injection molded End Caps, Jumpers, Middle Connector and Power T Feed Connectors and Front Connectors with 4 options of supply lead wires orientation ensures smooth installation, reliable operations and desired visual signature.
- Interstitial via hole feature of FPCB for compact size, reliable and durable performance.
- Complete range of standard on/off drivers and optional dimming drivers are available, meeting power requirement of LED profiles, application and site conditions.
- Lifespan up to 50,000 hours (L70B30).

Applications:

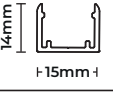
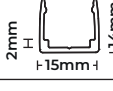
- Retail indoor and open areas; coves, product display windows and stands, racks, accent and orientation lighting, signage, fascia and canopies.
- Commercial and office areas; coves, reception, lobby, corridor, lift lobby, conference rooms, training rooms, restrooms, breakout areas, meditation rooms, staircase, escalator/travelator ramps and open places.
- Hospitality; front and back of house areas, lobby, reception, corridors, guest rooms, workout areas, restaurant, restrooms and open places.
- Residential indoor and outdoor areas; coves, architectural features, social areas, restrooms etc.
- Landscape open areas; architectural features and furniture.
- Corporate signage and logos.

Options:

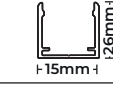
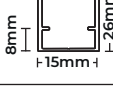
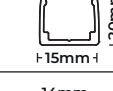
- Customised wattages.
- 48V version for longer runs upto 20 meters.
- For dimming and control (DALI2, 1-10V, CASAMBI etc.), choice of control system with accessories could be provided as an option. Please share control and dimming requirements with our sales representative for a techno-commercial proposal.



Mounting Accessories Ordering: Vertical Bending

Description	Photos	Unit of measurements	Item Code
Aluminium Profile		 14mm 15mm	- APV — 1000mm
Aluminium Profile with groove		 14mm 15mm 26mm	- APGV — 1000mm
PC Profile		 2mm 15mm 14mm	- PPV — 1000mm
Bendable Profile		 14mm 13.5mm	- BPV — 1000mm

Mounting Accessories Ordering: Horizontal Bending

Description	Photos	Unit of measurements	Item Code
Aluminium Profile		 15mm 26mm	- APH — 1000mm
Aluminium Profile with groove		 8mm 15mm 26mm	- APGH — 1000mm
PC Profile		 15mm 20mm	- PPH — 1000mm
Bendable Profile		 14mm 18mm	- BPH — 1000mm

Connectors:

1) Factory Assembled Connectors(Optional):



IP67
Front Connector
22AWG*2



IP67 Front Connector
side from Left
22AWG*2



IP67 Front Connector
side from Right
22AWG*2



IP67 Front Connector
Bottom.
22AWG*2



IP67
End Cap.



IP67 Silicone
Injection Moulded
Connectors
Illustration

Notes:

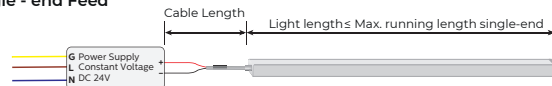
- The waterproof reliability of the lighting fixture depends on the IP rating of connector, and please make sure connector is properly assembled before installation.
- The highest IP rating we can achieve is IP67.
- Please refer "Wiring Diagram" for more details.

Accessories:

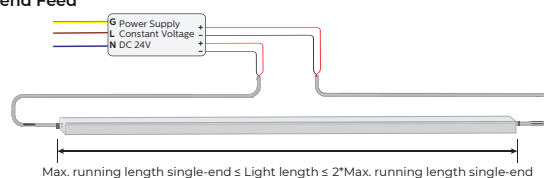
- Sleek thin wall extruded Aluminum (Alloy 6063) straight for surface mounting.
- For aforementioned accessories and techno-commercial proposal, please contact our sales representative.

Wiring Diagrams:

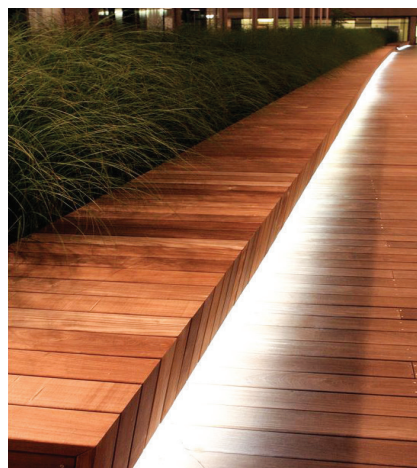
- Single - end Feed



- Double - end Feed



Application Image:



Ordering Guide:

Product	CCT	Wattage(W/m)	Bending	Voltage(DC)	Ingress Protection	Driver
Ecoflex	2.2K=2200K 2.7K=2700K 3K=3000K 3.5K=3500K 4K=4000K 5K=5700K	5W 10W	H = Horizontal Bending V = Vertical Bending	24V 48V	IP67	S=On/Off D=DALI2 V=1-10V C=CASAMBI
	RGBW(6Pixel) RGBW(12Pixel) SPI	16W		24V		

* Please choose wattages, bending and voltage from same color box matching respective product.

Product Code and Parameters (Horizontal Bending / Side Bending):

Product Code	Wattage(W/m)	Voltage (VDC)	CCT	CRI(Ra)	Lumen Flux (LM/m)	Min. Cutting(mm)	Dimension (mm)
Ecoflex-3K-5W-H-24V-IP67-S	5W	24VDC	 3000K	>90	290lm	50	12 X 17
Ecoflex-3K-10W-H-24V-IP67-S	10W	24VDC	 3000K	>90	538lm	50	12 X 17

Product Code and Parameters (Vertical Bending / Top Bending):

Product Code	Wattage(W/m)	Voltage (VDC)	CCT	CRI(Ra)	Lumen Flux (LM/m)	Min. Cutting(mm)	Dimension (mm)
Ecoflex-3K-5W-V-24V-IP67-S	5W	24VDC	 3000K	>90	353lm	50	13 X 12
Ecoflex-4K-10W-V-24V-IP67-S	10W	24VDC	 3000K	>90	750lm	50	13 X 12

Product Code and Parameters (RGBW - Horizontal Bending / Side Bending):

Product Code	Wattage(W/m)	Voltage (VDC)	CCT	Pixel/m	Dimension (mm)
Ecoflex-RGBW(6Pixel)-16W-H-24V-IP67-S	16W	24VDC	 RGBW	6	12 X 17

* Standard RGBW is with 6Pixel/m and please contact us for customized 12Pixel/m.

Product Code and Parameters (RGBW - Vertical Bending / Top Bending):

Product Code	Wattage(W/m)	Voltage (VDC)	CCT	Pixel/m	Dimension (mm)
Ecoflex-RGBW(6Pixel)-16W-V-24V-IP67-S	16W	24VDC	 RGBW	6	13 X 12

* Standard RGBW is with 6Pixel/m and please contact us for customized 12Pixel/m.

Disclaimer:

LuxeLED All rights reserved. LuxeLED does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by LuxeLED.