Energia solar led S. L
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Model: **ESL-M4**

M4 Linear Fresh Food Light

M4-F fresh light mixes 4000K, 6500K and 660nm red light to enhance the fresh appearance of meat and seafood for supermarket food counters.



Energy-efficient & cost-effective
High-quality LED source cuts energy consumption, with outstanding durability compared to traditional lamps.

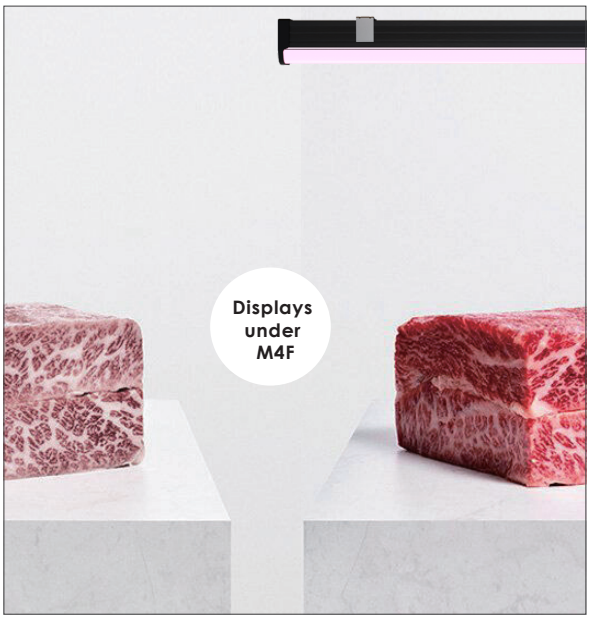
Rich specification & size options
Available in 900/1200/1500mm. Power range 10–60W. Multiple wavelength and color temperature selections.

Upgraded structural & electrical design
Patented seamless splicing structure. Complete matching accessories for flexible layout and quick installation.

Global Certifications & Reliable Warranty
CB/CE/UKCA/RCM approved. 5-year full product warranty.

Application: Supermarket meat chillers, seafood ice cabinets, butcher & fish stalls, deli counters, fruit & vegetable displays; suitable for cold, damp refrigerated showcases and open fresh food counters.

- This integrated linear fresh meat LED light is tailor-made for supermarket fresh meat display chillers, butcher shop counters, and pork/beef/mutton specialty sections. It serves as a long-strip commercial fresh food lighting replacement for conventional fluorescent tubes and track spotlights.
- Constructed with an integrated extruded aluminum housing, it supports two installation options: recessed mounting inside chillers and surface hanging mounting. The customized light spectrum accurately restores the fresh, ruddy texture of meat to attract customers and boost purchasing desire.



Product Versions

M4-F (Fresh Light)
Combined 4000K+6500K+660nm red light. Optimized to make meat and seafood look fresher, perfect for supermarket food displays.

CRI ≥90 | IP40 | ErP | CE | CB | RoHS | IES file | 0-10V

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Model: **ESL-A11**

A11 Series IP66 & IK10 Waterproof LED Batten

A11 LED tri-proof lights have 3 wide-voltage, DALI & sensor-emergency models.

Warnings and Safety

- UV radiation will damage the material over time resulting in loss of waterproof sealing and IP65 rating.
- Do not install the luminaire in locations where it will be exposed to direct sunlight.

Specifications

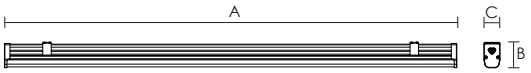
Mounting type	Surface
	Suspended
Operating Temperature range	-30 to +50°C
Light Source	SMD2835
Mains Voltage	220-240Vac or 120-277Vac / 50-60Hz
Control system input	ON/OFF | RF | DALI | 0-10V
Material	PC+Alu.6063
Main color of the luminaire	RAL9016
Lumen maintenance at median useful life	L90B10, 50,000hr
Flicker free	Yes
Luminous flux	Up to 10000lm
Luminaire efficacy	Up to 160lm/W
Correlated color temperature - CCT	4000K 6500K
Color Rendering index -	81

Risk Group	RG0
Optical cover/lens material	PC
Optical cover/lens finisha	Opal Clear
Protection Class	Class I

General Information

Light Technical	
Color rendering index (CRI)	80
Operating and Electrical	
Protection class IEC	Safety class I
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Mechanical and Housing	
Mech. impact protection code	IK08
Approval and Application	
CE mark	Yes
CB mark	Yes
Flammability mark	-

Dimensional (mm)



Type	Dimension(mm)			
	A	B	C	N.W/PCS
MAGFIT M4-2FT	600	57	38	0.73kg
MAGFIT M4-4FT	1200			0.95kg
MAGFIT M4-5FT	1500			1.15kg

Order Code

Specifications using 4000K and subject to change. All parameters +/- 5%.

Version	Item No.	Full Product Datasheet	Function	Sales Aera
FRESH LIGHT	M4-2FTZZ-660-F	M4 600mm 20W 4000K 4000K+6500K+RED660nm	Constant On	European
	M4-4FTZZ-660-F	M4 1200mm 40W 4000K 4000K+6500K+RED660nm	Constant On	European
	M4-5FTZZ-660-F	M4 1500mm 60W 4000K 4000K+6500K+RED660nm	Constant On	European

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