Energia solar led S. L
calle Rio Tormes 13 Fuenlabrada 28947 Madrid Spain
Email: energiasolarled2008@gmail.com
0034 916426626

www.ledespecial.com

Model: **ESL-A23**

A23 Triamp Aluminum Waterproof Batten

2 variants: standard & adjustable microwave sensor for industrial & commercial lighting



Energy-efficient & long lifetime

Max efficacy up to 120lm/W, L75 lifespan up to 50,000hrs

Rich specification options

Available in 600/1200/1500mm, max output up to over 4500lm, CCT 2700K–650K adjustable

Upgraded structural & electrical design

Compact lightweight housing, reinforced IP65 multi-seal protection, IK05 impact resistance, optional 5.8G microwave sensor

Global Certifications & Flexible Warranty

CE approved; standard 5-year full fixture warranty, sensor variant 5-year warranty

Slim-profile IP65 Industrial LED Linear Light
Sleek, cost-effective low-glare luminaire for workshops, retail spaces, car parks & mid-duty industrial lighting, direct fluorescent replacement with quick-install design.

- Lightweight aluminum body: Compared with heavy traditional industrial batten lights, the streamlined aluminum structure delivers steady heat dissipation efficiency, rapidly drawing away heat generated by the LEDs. This effectively suppresses lumen depreciation, extends the light source lifespan, and ensures the fixture remains cool and distortion-free under regular operating conditions.
- Optimized low UGR optical design with diffused lens; mitigates visual fatigue in long-shift working zones; selectable beam angles of 120° to flexibly match different space illumination requirements.
- IP65 full protection seal: Multi-layer sealing technology from end caps to all joints, provides complete protection against dust ingress and resistance to water splashes and humid environments. It is ideal for demanding locations such as parking garages, cold storage facilities, slaughterhouses, and tunnels where dust, moisture, and condensation are common challenges.
- High impact resistance: With an IK05 impact rating, the fixture withstands accidental knocks and vibrations, making it suitable for mid-risk environments like light industrial workshops and logistics warehouses. This reduces the risk of physical damage and lowers long-term maintenance costs.

Product Versions

Standard Version (N)
Basic model without sensor function, for general industrial and commercial lighting.
Microwave Sensor Version (S)
Built-in 5.8G microwave sensor with adjustable parameters, delivering intelligent energy-saving performance.

CRI ≥90 | IP65 | ErP | CE | CB | RoHS | IES file | 0-10V

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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.

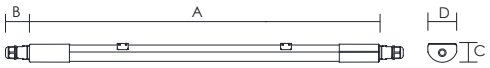
Specifications

Mounting type	Surface
	Suspended
Operating Temperature range	-30 to +50°C
Light Source	SMD2835
Mains Voltage	220-240Vac
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
Power consumption	40W to 80W
Luminaire efficacy	Up to 140lm/W
Correlated color	4000K
temperature - CCT	6500K
Color Rendering index -	81
Risk Group	RG0
Optical cover/lens material	PC
Optical cover/lens	Opal
finisha	Clear
Protection Class IEC61140	Class I
Mechanical impact protection	IK08
Ingress protection	IP65
Driver replaceable	No
Installation	Suspension
	Surface

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	D	N.W/PCS
Trilamp A23 2FT	600	40	33	53	0.55kg
Trilamp A23 4FT	1200				0.98kg
Trilamp A23 6FT	1500				1.24kg

Order Code

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

Version	Item No.	Full Product Datasheet	Function	Sales Aera
NORMAL	A23-2FT18-MMK-N	A23 600mm 18W 4000K 120LPW No flickering & Tool-free	Constant On	European
	A23-4FT36-MMK-N	A23 1200mm 36W 4000K 120LPW No flickering & Tool-free	Constant On	European
	A23-5FT45-MMK-N	A23 1500mm 45W 4000K 120LPW No flickering & Tool-free	Constant On	European
SENSOR	A23-2FT18-MMK-S	A23 600mm 18W 4000K 120LPW No flickering & 5.8G Motion Sensor	Motion Sensor	European
	A23-4FT36-MMK-S	A23 1200mm 36W 4000K 120LPW No flickering & 5.8G Motion Sensor	Motion Sensor	European
	A23-5FT45-MMK-S	A23 1500mm 45W 4000K 120LPW No flickering & 5.8G Motion Sensor	Motion Sensor	European

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