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

www.ledespecial.com

Model: **ESL-A9**

A9 Series IP66 & IK10 Waterproof LED Batten

A9 LED tri-proof lights offer 6 models for high-bay standard, sensor and emergency lighting.



Energy-efficient & long lifetime

Max efficacy up to 160lm/W, flicker-free light output, long service life and low light attenuation, remarkable energy-saving effect

Rich specification options

Available sizes 600/1200/1500mm, power ranges from 10W to 60W, multiple sensor and emergency configurations for selection

Upgraded structural & electrical design

Reinforced PC housing, IP66 waterproof & dustproof plus IK10 anti-impact, reliable loop wiring and comprehensive circuit protection

Global Certifications & Flexible Warranty

CE/UKCA/RCM/CB approved and compliant with EN standards; 5-year fixture warranty, 4-year warranty for emergency batteries

Cost-effective high-lumen triproof luminaire for warehouses, parking lots, factories and general industrial areas, ideal for 1:1 replacement of traditional fluorescent lamps with superior energy-saving performance.

- Core Protection Rating: A9 series adopts IP66 dustproof & waterproof and IK10 high impact resistance, equipped with full electrical protection including overcharge, undervoltage disconnection, overcurrent and short circuit protection. Flicker-free design, CRI ≥80, CCT ranges from 2700K–6500K to meet diverse ambient lighting requirements.
- Structure & Materials: High-transmission opal polycarbonate diffuser and durable PC/PC+ABS housing, standard RAL7035 grey finish. Three installation options: surface mount, wall mount and suspension mount. Fitted with 923 terminal blocks, supporting loop-in & loop-out wiring for easy on-site wiring and series connection.
- Operating Environment: Standard & sensor models work at -30℃~50℃, emergency versions operate within 0℃~50℃. Relative humidity ranges from 10%–95% non-condensing. Stable performance in dusty, humid and other harsh working environments.
- Warranty & Certifications: 5-year warranty for the whole luminaire; emergency battery enjoys a separate 4-year warranty. Certified to CE, UKCA, RCM, CB and complies with EN/IEC relevant standards. Tool-free installation and maintenance, excellent cost performance for large-scale renovation projects.

Product Versions



A9X/P High Lumen Standard
Input: AC 220–240Vac 50/60Hz
Power options: 10-20W, 20-40W, 40-60W
Extra version with 140lm/W efficacy, Pro version up to 160lm/W
Classic basic model with high cost performance for general industrial lighting



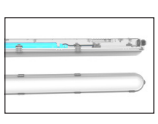
A9S 5.8G Microwave Sensor
Input: AC 220–240Vac 50/60Hz
Built-in 5.8G microwave sensor MC004-S02/MC004-S02R with 11mm ultra-narrow antenna for no dark area
Supports 0-10V/10VPWM dimming, full adjustable sensor settings and matched remote control MR003
Suitable for conventional indoor areas requiring motion-sensing energy saving



A9-EL Global Universal Emergency
Input: 100–264Vac/dc & 42–264Vac/dc wide voltage
Compatible with central emergency system, capable of replacing traditional CBS solutions
IP66 & IK10 protection, complete electrical protection system
Optional microwave sensor, ideal for global projects with central emergency demands



A9PIR Highbay PIR Sensor
Input: AC 220–240Vac 50/60Hz
Equipped with external IP66 highbay PIR sensor MS034C, max mounting height up to 12m
Multiple adjustable parameters including sensitivity, hold time and daylight threshold, matched with remote control MR003
Optional TUYA Bluetooth for intelligent control, perfect for high-ceiling warehouses



A9-E/SE Emergency Lighting
Input: AC 220–240Vac 50/60Hz
Integrated dimmable driver & emergency converter, maintained emergency mode
Emergency power: 2W/3W/4W/5W, backup duration for 1.5 or 3 hours
Built-in temperature-controlled BMS and LiFePO4 battery, supports manual test & auto self-test, dual-color LED status indication
Optional microwave sensor and DALI 2.0 function

www.ledespecial.com

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

Model: **ESL-A9**

A9 Series IP66 & IK10 Waterproof LED Batten

A9 LED tri-proof lights offer 6 models for high-bay standard, sensor and emergency lighting.

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

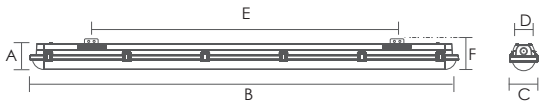
Mounting type	Surface
	Suspended
Operating Temperature range	-30 to +50°C
Light Source	SMD2835
Mains Voltage	220-240Vac or 120-277Vac / 50-60Hz
Control system input	ON/OFF | RF | DALI | 0-10V
Material	PC+Alu.6063
Main color of the luminaire	RAL9016
Lumen maintenance at median useful life	L90B10, 50,000hr
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
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)						No. of cips	N.W/PCS
	A	B	C	D	E	F		
Trilamp A9 2FT	72	600	83	52	260	89	8	0.8kg
Trilamp A9 4FT		1200			800		12	1.5kg
Trilamp A9 5FT		1500			1080		14	1.8kg

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

www.ledespecial.com

Model: **ESL-A9**

A9 Series IP66 & IK10 Waterproof LED Batten

A9 LED tri-proof lights offer 6 models for high-bay standard, sensor and emergency lighting.

Order Code

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

Version	Item No.	Full Product Datasheet	Function	Sales Aera
EXTRA	A9-2FTZZ-MMK-X	A9 600mm 20W 4000K 140LPW Extra	Constant On	European
	A9-4FTZZ-MMK-X	A9 1200mm 40W 4000K 140LPW Extra	Constant On	European
	A9-5FTZZ-MMK-X	A9 1500mm 60W 4000K 140LPW Extra	Constant On	European
PRO	A9-2FTZZ-MMK-P	A9 600mm 20W 4000K 160LPW Pro	Constant On	European
	A9-4FTZZ-MMK-P	A9 1200mm 40W 4000K 160LPW Pro	Constant On	European
	A9-5FTZZ-MMK-P	A9 1500mm 60W 4000K 160LPW Pro	Constant On	European
SENSOR	A9-2FTZZ-MMK-PIR	A9 600mm 20W 4000K 160LPW	PIR Sensor	European
	A9-4FTZZ-MMK-PIR	A9 1200mm 40W 4000K 160LPW	PIR Sensor	European
	A9-4FTZZ-MMK-PIR	A9 1500mm 60W 4000K 160LPW	PIR Sensor	European
	A9-2FTZZ-MMK-S	A9 600mm 20W 4000K 160LPW 5.8G Microwave Sensor	Motion Sensor	European
	A9-4FTZZ-MMK-S	A9 1200mm 40W 4000K 160LPW 5.8G Microwave Sensor	Motion Sensor	European
	A9-5FTZZ-MMK-S	A9 1500mm 60W 4000K 160LPW 5.8G Microwave Sensor	Motion Sensor	European
EMG	A9-2FTZZ-MMK-E/SE	A9 600mm 20W 4000K 160LPW Emergency 2/3/4/5W/3hr	Emergency	European
	A9-4FTZZ-MMK-E/SE	A9 1200mm 40W 4000K 160LPW Emergency 2/3/4/5W/3hr	Emergency	European
	A9-5FTZZ-MMK-E/SE	A9 1500mm 60W 4000K 160LPW Emergency 2/3/4/5W/3hr	Emergency	European
	A9-2FTZZ-MMK-EL	A9 600mm 20W 4000K 160LPW Emergency 100-264Vac/dc | 42-264Vac/dc	Emergency	European
	A9-4FTZZ-MMK-EL	A9 1200mm 40W 4000K 160LPW Emergency 100-264Vac/dc | 42-264Vac/dc	Emergency	European
	A9-5FTZZ-MMK-EL	A9 1500mm 60W 4000K 160LPW Emergency 100-264Vac/dc | 42-264Vac/dc	Emergency	European

Fanxstar is committed to continuously improve our products. All features and specifications are subject to change without prior notice. All rights reserved.