www.ledespecial.com

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

Model: **ESL-A4**

# A4 Series IP65 & IK10 Waterproof LED Batten

A4 LED tri-proof lights offer 6 variants for sensor, wide-voltage, tunable, emergency & dimming smart lighting.



### Energy-efficient & long lifetime

Max efficacy up to 160lm/W, L70 lifespan surpasses 50,000hrs

### Rich specification options

Available sizes 600/1200/1500/2400mm, rated output up to over 80W, CCT 2700K–6500K adjustable

### Upgraded structural & electrical design

Reinforced anti-flame shock resistant PC housing, robust mechanical structure, full sealed watertight wiring, IK10 impact resistance

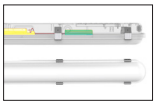
### Global Certifications & Flexible Warranty

CE/UKCA/RCM/TUV applicable; standard 5-year full fixture warranty, emergency battery 4-year warranty

**Rugged, efficient luminaire for warehouses, cold storage, car parks & industrial lighting, direct fluorescent replacement.**

- Core Protection Rating: A4 models feature IP65 dust-tight & waterproof, IK10 high-impact resistance, with built-in L-N-E surge protection. Meets standard CK3265, optional CRI ≥80, CCT range 2700K–6500K (tunable on select versions), all parameters fully customisable.
- Structure & Materials: PC diffuser, PC/PC+ABS housing, CRCA stainless steel brackets; standard grey finish RAL7035. Supports 3 installation methods: surface mount, wall mount, suspension mount. Equipped with TPE sealed glands, supporting loop-in-loop-out wiring, compatible with 0–10V / DALI signal conductors.
- Operating Environment: Operating temperature range: -30℃~50℃ for standard models, 0℃~50℃ for emergency models. Operating humidity: 10%–95% non-condensing. Ideal for harsh environments with moisture, dust and frequent temperature fluctuations.
- Warranty & Certifications: 5-year full fixture warranty, 4-year separate warranty for emergency batteries. Drives certified to CE, UKCA, RCM, TUV, CB standards. Direct 1:1 replacement for traditional fluorescent tubes, tool-free installation & maintenance.

## Product Versions



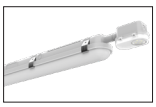
**A4S Standard Microwave Sensor**
Input: AC 220–240Vac 50/60Hz
Extra GU: 100–264V wide voltage
5.8G microwave sensor with adjustable sensitivity, hold time, daylight threshold & standby brightness; remote control MR003 matchable
Certifications: CE/UKCA/TUV+RCM + optional DALI/0-10V



**A4AP All-in-One Wide-Voltage**
Input AC 100–277Vac universal
3-power & 3-CCT tunable via dip switch, 0–10V dimming standard
High versatility for multi-requirement project sites



**A4GU Wide-Voltage**
Input AC 100–264Vac universal
Efficiency 140–160lm/W, built-in high-performance wide-range LED driver
Global voltage compatibility, easy installation & maintenance



**A4-E/SE Emergency & Sensor Emergency**
Input AC 220–240V, wide voltage A4SEU available
Dual sustained / non-sustained emergency operation, integrated BMS lithium iron phosphate battery
Full protection, auto self-test function, battery 4-year warranty



**A4DV/DA Dimming Versions**
DV: 0–10V analogue dimming | DA: DALI2.0 digital dimming compatible DT6/DT8/D4i
Dimming range 0.01%–100%, long signal transmission distance
Matchable with microwave sensor modules for smart lighting control

www.ledespecial.com

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

Model: **ESL-A4**

# A4 Series IP65 & IK10 Waterproof LED Batten

A4 LED tri-proof lights offer 6 variants for sensor, wide-voltage, tunable, emergency & dimming smart 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.

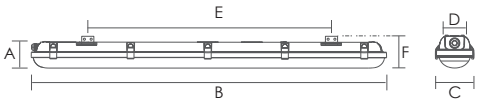
## Specifications

| | |
|---|---|
| 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 A4 2FT | 82 | 600 | 95 | 58 | 280 | 89 | 6 | 1.0kg |
| Trilamp A4 4FT | | 1200 | | | 840 | | 10 | 2.0kg |
| Trilamp A4 5FT | | 1500 | | | 1030 | | 12 | 2.6kg |
| Trilamp A4 8FT | | 2400 | | | 1640 | | 18 | 4.8kg |

www.ledespecial.com

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

Model: **ESL-A4**

# A4 Series IP65 & IK10 Waterproof LED Batten

A4 LED tri-proof lights offer 6 variants for sensor, wide-voltage, tunable, emergency & dimming smart lighting.

## Order Code

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

| Version | Item No. | Full Product Datasheet | Function | Sales Aera |
|---|---|---|---|---|
| SENSOR | A4-2FTZZ-MMK-S | A4 600mm 20W 4000K 140LPW 5.8G Microwave Sensor | Motion Sensor | European |
| | A4-4FTZZ-MMK-S | A4 1200mm 40W 4000K 140LPW 5.8G Microwave Sensor | Motion Sensor | European |
| | A4-5FTZZ-MMK-S | A4 1500mm 60W 4000K 140LPW 5.8G Microwave Sensor | Motion Sensor | European |
| EXTRA | A4-2FTZZ-MMK-X | A4 600mm 18W 4000K 140LPW Extra | Constant On | European |
| | A4-2FTZZ-MMK-X | A4 1200mm 36W 4000K 140LPW Extra | Constant On | European |
| | A4-5FTZZ-MMK-X | A4 1500mm 54W 4000K 140LPW Extra | Constant On | European |
| PRO | A4-2FTZZ-MMK-P | A4 600mm 18W 4000K 160LPW Pro | Constant On | European |
| | A4-2FTZZ-MMK-P | A4 1200mm 36W 4000K 160LPW Pro | Constant On | European |
| | A4-5FTZZ-MMK-P | A4 1500mm 54W 4000K 160LPW Pro | Constant On | European |
| GU | A4-2FTZZ-MMK-GU | A4 600mm 20W 4000K 160LPW 100-264Vac | Constant On | European |
| | A4-4FTZZ-MMK-GU | A4 1200mm 40W 4000K 160LPW 100-264Vac | Constant On | European |
| | A4-5FTZZ-MMK-GU | A4 1500mm 60W 4000K 160LPW 100-264Vac | Constant On | European |
| | A4-8FTZZ-MMK-GU | A4 2400mm 80W 4000K 160LPW 100-264Vac | Constant On | European |
| EMG | A18-2FTZZ-MMK-E/SE | A4 600mm 20W 4000K 160LPW Emergency 2W/3hr | Emergency | European |
| | A18-4FTZZ-MMK-E/SE | A4 1200mm 40W 4000K 160LPW Emergency 2W/3hr | Emergency | European |
| | A18-4FTZZ-MMK-E/SE | A4 1500mm 60W 4000K 160LPW Emergency 2W/3hr | Emergency | European |
| DALI | A4-2FTZZ-MMK-DV/DA | A4 600mm 20W 4000K 140LPW 0-10V \| DALI2.0, 0.01-100% Dimming | DALI2.0 Dimming | European |
| | A4-4FTZZ-MMK-DV/DA | A4 1200mm 40W 4000K 140LPW 0-10V \| DALI2.0, 0.01-100% Dimming | DALI2.0 Dimming | European |
| | A4-4FTZZ-MMK-DV/DA | A4 1500mm 60W 4000K 140LPW 0-10V \| DALI2.0, 0.01-100% Dimming | DALI2.0 Dimming | European |
| AP | A4-LD2FT20-MMK-AP | A4 600mm 20W 4000K 160LPW \| Tri-Power \| 3CC 100-277Vac | 3CCT&Power | European |
| | A4-LD4FT40-MMK-AP | A4 1200mm 40W 4000K 160LPW \| Tri-Power \| 3CC 100-277Vac | 3CCT&Power | European |
| | A4-LD8FT75-MMK-AP | A4 1500mm 60W 4000K 160LPW \| Tri-Power \| 3CC 100-277Vac | 3CCT&Power | European |

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