



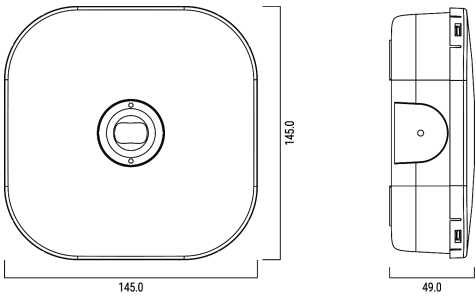
| Input Parameters                             |             |
|----------------------------------------------|-------------|
| Input Voltage Range                          | 220-240 Vac |
| Input Current                                | <0.03A      |
| Power Factor                                 | > 0.32      |
| Frequency                                    | 50Hz        |
| Ambient Temperature                          | 0-40C       |
| Class                                        | II          |
| Maximum Input Power (While Charging Battery) | 1.7 W       |
| Average Input Power (Not Charging Battery)   | 0.5 W       |

| Emergency Parameters   |                 |
|------------------------|-----------------|
| Emergency Duration     | 180minutes      |
| Battery Code(s)        | zc-batt-1B1-ACA |
| Battery Type           | LiFePO4         |
| Input Battery Voltage  | 2.0-4.0 Vdc     |
| Output Battery Voltage | 2.0-3.65 Vdc    |
| Input Battery Current  | 750mA           |
| Output Battery Current | 160mA           |
| Charging Time          | 24 hours        |
| Emergency Output Power | 1.5 W           |

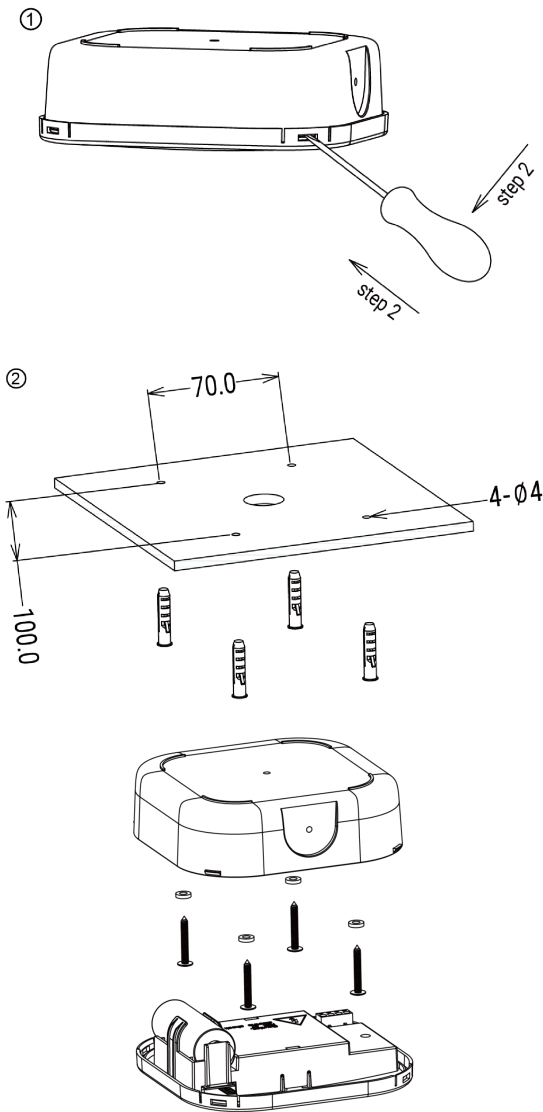
| Mechanical               |                                  |
|--------------------------|----------------------------------|
| Material                 | Polycarbonate                    |
| Product Colour           | RAL9003                          |
| Wiring Type              | Push Terminal Block (0.5-2.5mm2) |
| Mounting                 | Surface Mount/ Rod Mount         |
| Ingress Protection       | IP65                             |
| Product Dimension Length | 145mm                            |
| Product Dimension Height | 49mm                             |
| Product Dimension Width  | 145mm                            |

| Standards      |     |
|----------------|-----|
| IEC 60598-1    | Yes |
| IEC 60598-2-22 | Yes |
| IEC 62034      | Yes |

Product Line Drawing

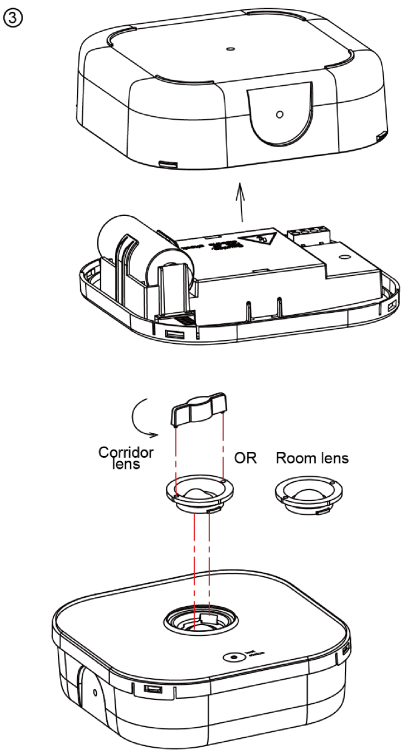


Product Install Picture

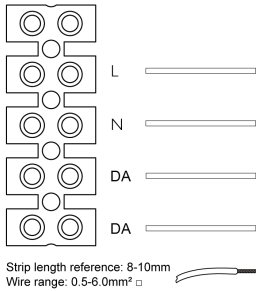


| Wireless Properties |     |
|---------------------|-----|
| Bluetooth           | Yes |

- Required Safety Warnings
- This product must only be installed by a licensed electrician.
  - Before commencing installation turn off and isolate the electrical supply
  - Risk of accidental contact with live parts. Do not energise with product open or disassembled.
  - The only replaceable part is the battery
  - Do not attempt to service other parts of the fitting as this will void the warranty.
  - After installation allow the battery to charge for 24 hours before carrying out discharge testing.
  - WARNING: ALL MAINTENANCE, SUCH AS BATTERY CHANGE ON THIS LUMINAIRE, TO BE PERFORMED BY QUALIFIED PERSONNEL ONLY. DE-ENERGISE ALL SUPPLIES BEFORE MAINTENANCE.
  - As the installer, it is your responsibility to ensure you comply to all relevant building and safety codes. for example the BCA, AS3000
  - The replacement of the battery is needed when they no longer meet their rated duration of operation after the corresponding recharge period.
  - Dongguan Evolt Electronics Co., Ltd. No.3 Qinghu East Road Yuliangwei Village, Qingxi TownDongguan City, Guangdong, China 523649



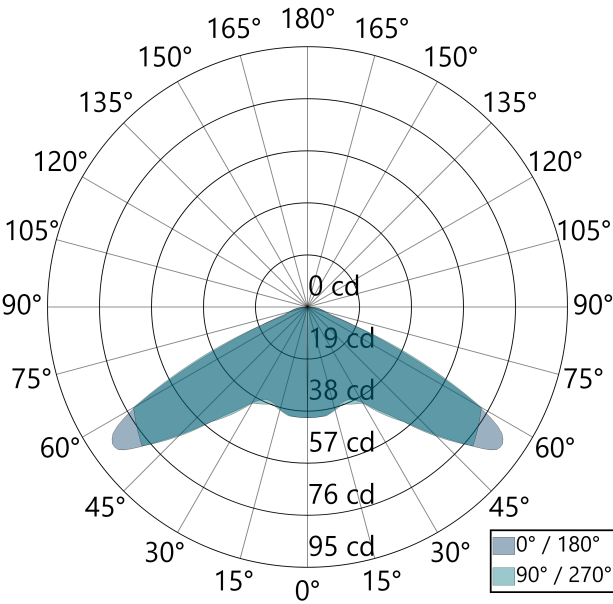
Wiring Diagram



Photometrics

Emergency Mode (Room Lens)

Emergency Mode (Room Lens)



Lumens 236.3

Emergency Mode (Room Lens) 0.5 lux



| Mounting Height | 0.5 lux |       |       |      |
|-----------------|---------|-------|-------|------|
| 2.5m            | 4.80    | 9.60  | 10.48 | 5.24 |
| 2.8m            | 5.27    | 10.53 | 11.23 | 5.62 |
| 3.0m            | 5.53    | 11.05 | 11.78 | 5.89 |
| 4.0m            | 6.66    | 13.31 | 13.86 | 6.93 |
| 5.0m            | 7.55    | 15.11 | 14.83 | 7.41 |

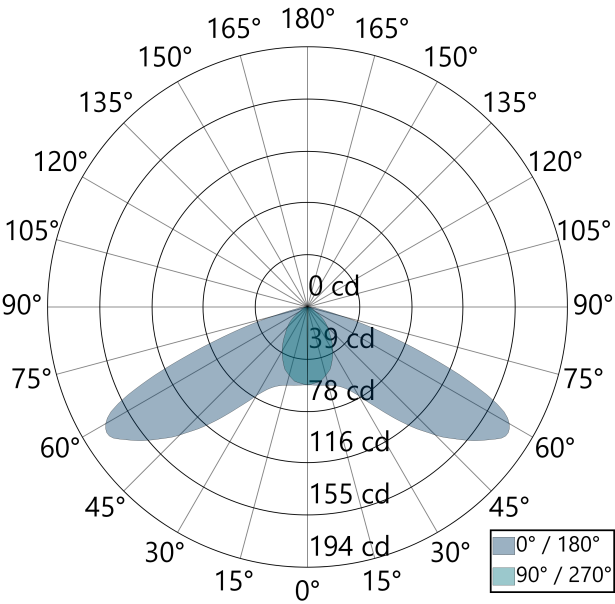
Emergency Mode (Room Lens) 1 lux



| Mounting Height | 1 lux |       |       |      |
|-----------------|-------|-------|-------|------|
| 2.5m            | 4.33  | 8.66  | 9.21  | 4.60 |
| 2.8m            | 4.66  | 9.32  | 9.90  | 4.95 |
| 3.0m            | 4.90  | 9.79  | 10.19 | 5.09 |
| 4.0m            | 5.61  | 11.22 | 10.81 | 5.41 |
| 5.0m            | 6.44  | 12.87 | 12.41 | 6.21 |

Emergency Mode (Corridor Lens)

Emergency Mode (Corridor Lens)



|        |       |
|--------|-------|
| Lumens | 230.7 |
|--------|-------|

Emergency Mode (Corridor Lens) 0.5 lux



| Mounting Height | 0.5 lux |       |      |      |
|-----------------|---------|-------|------|------|
| 2.5m            | 6.19    | 12.38 | 6.40 | 3.20 |
| 2.8m            | 6.60    | 13.19 | 6.79 | 3.40 |
| 3.0m            | 6.90    | 13.80 | 7.03 | 3.51 |
| 4.0m            | 8.39    | 16.77 | 7.73 | 3.86 |
| 5.0m            | 9.60    | 19.21 | 7.95 | 3.98 |

Emergency Mode (Corridor Lens) 1 lux



| Mounting Height | 1 lux |       |      |      |
|-----------------|-------|-------|------|------|
| 2.5m            | 5.49  | 10.97 | 5.27 | 2.63 |
| 2.8m            | 5.87  | 11.74 | 5.41 | 2.70 |
| 3.0m            | 6.15  | 12.30 | 5.50 | 2.75 |
| 4.0m            | 7.22  | 14.43 | 5.71 | 2.85 |
| 5.0m            | 8.00  | 16.00 | 5.54 | 2.77 |