



KWIK-SPOT Series

LED Emergency Light

210706

Installation
Instructions

This installation guide is valid for the following models:

KWIK-SPOTLI (C0: D160 / C90: D10)



PRIOR TO INSTALLATION



- Read all instructions to prevent injury, electric shock or damage due to fire or mechanical hazards
- See product label for supply specifications
- Suitable for surface mounting



Open the carton and check that it contains the following:

- 1 x KWIK-SPOT LED Emergency Light
- 1 x Installation instructions (this document)

Inspect the luminaire and associated parts for any signs of defect, in particular fasteners, cables and the diffuser or glass lens

DO NOT INSTALL THE LUMINAIRE IF IT APPEARS IN ANY WAY FAULTY

Consult with the supplier / sales office for details regarding replacement



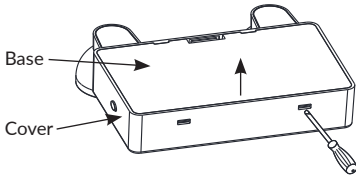
CAUTION



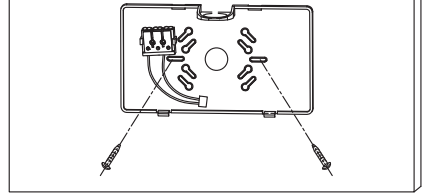
- Before commencing installation or maintenance, turn off and isolate the electrical supply
- Electronic control equipment must not be subjected to high voltages. **DO NOT MEGGER** between Live and Neutral
- All cable / conduit terminations must be installed in accordance with the designated IP rating of this product
- Suitable installation fastening methods should be employed to ensure the mounting points are not damaged when subjected to vibration and / or movement
- This luminaire must be installed by qualified electrician in accordance with local rules and codes
- This luminaire cannot be disassembled by non-professional persons
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard
- The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced
- Prior to installation, products are to be stored in cool dry conditions

INSTALLATION

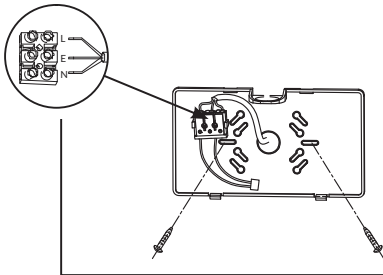
1. Use a flat screwdriver to release the two push tabs on the cover of the fitting and gently separate the base



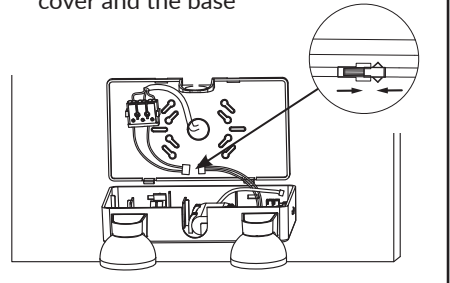
2. Secure the base to the mounting surface



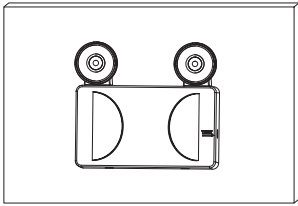
3. Connect the mains supply



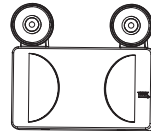
4. Join the AC connector between the cover and the base



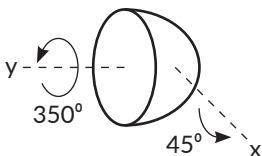
5. Push the cover onto the base, locking firmly in place



6. Reconnect the power supply. Allow 24 hrs for the battery to charge before engaging the test function

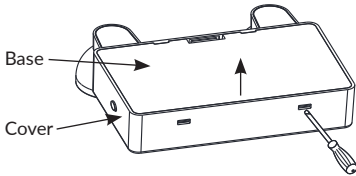


7. Adjust each light for the desired illumination path (x- and y-axis only)

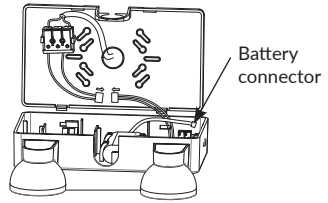


BATTERY REPLACEMENT

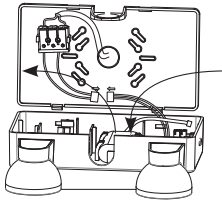
1. Use a flat screwdriver to release the two push tabs on the cover of the fitting and gently separate the base



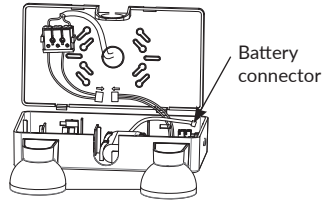
2. Disconnect the battery from the PCB



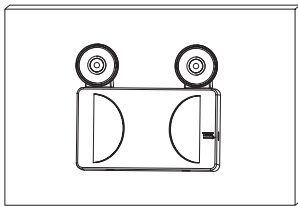
3. Remove and replace the battery



4. Reconnect the battery to the PCB



5. Push the cover onto the base, locking firmly in place

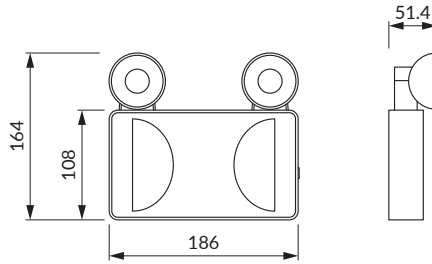


EMERGENCY CLASSIFICATION

Mounting Height (m)		2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.0	15.0	
Classification		spacing between luminaires (m)															
Plane C0	D160	L	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	33.0	38.5	40.2	41.4	42.5	45.7
Plane C90	D10	L	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3				
Classification		spacing between luminaire & wall (m)															
Plane C0	D160	W	5.75	6.6	7.4	8.25	9.05	9.8	11.0	12.35	13.75	16.5	19.25	20.1	20.7	21.25	22.85
Plane C90	D10	W	5.1	5.25	5.4	5.5	5.6	5.7	5.75	5.75	5.75	5.55	5.15				

Based on AS/NZS2293.1-2018 (minimum 0.2 lux)

DIMENSIONS



OPERATION & TESTING

LED Indicator		Operating Mode	Function
Green	On	Normal	Battery charging or fully charged
	Off	Normal	Battery disconnected
Green	On → Off	Emergency	Battery discharged

Test Procedure:

Ensure the supply is connected and the battery is fully charged

Press and hold the test switch

The LED indicator will extinguish and the luminaire will go into emergency mode

Release the switch to return to normal operating mode

MAINTENANCE

The supply must be isolated before opening or accessing the luminaire. Product maintenance is critical to the products designed performance. Davis Lighting is not responsible for any product not maintained in accordance with the recommended procedure or intervals. It is recommended that a bi-annual cleaning cycle is implemented. Inspect optical surfaces for damage or cracks. Products supplied with visors or covers must not be operate with a damaged visor or cover; it is recommended damaged visors or covers be replaced by a competent person immediately. Seals and electrical components such as wiring should be checked for deterioration.



All photometric and electrical data published are of $\pm 10\%$ tolerance. Characteristics and specifications may change without notice. All electrical installations / connections should be carried out by a suitably qualified person. Application images are indicative only and may not contain actual Davis product. The information contained in this publication is typical and must not be interpreted as a guarantee of individual product performance.



This product may contain substances that can be hazardous to the environment if not disposed of correctly. Electrical and electronic equipment should never be discarded along with general waste but should be separated for correct treatment and recovery. Packaging and waste materials should be recycled wherever possible.

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