



# Sirius SRE2

## LED Emergency Light

221219

Installation  
Instructions

This installation guide is valid for the following models:

SRE2LI (C0 / C90: D32)



## 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 recessed mounting, or surface mounting when used in conjunction with the optional weatherproof box (ordered separately)



Open the carton and check that it contains the following:

- 1 x Sirius SRE 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



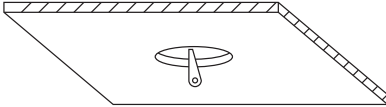
## CAUTION



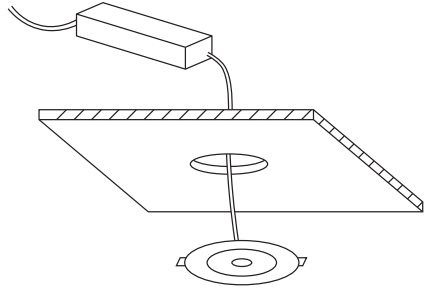
- Before commencing installation or maintenance, turn off and isolate the electrical supply
- Electronic control equipment must not be subjected to high voltages. **DO NOT MEGGER** between Live and Neutral
- All cable / conduit terminations must be installed in accordance with the designated IP rating 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
- The light source and battery 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

# LUMINAIRE INSTALLATION

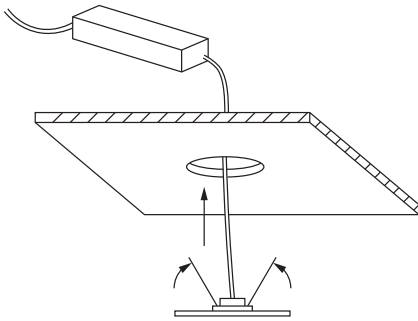
1. Prepare ceiling cutout:  
 $\text{Ø}76\text{mm}$  without trim  
 $\text{Ø}76 - 135\text{mm}$  with trim



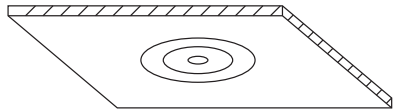
2. Feed the driver through the ceiling cutout and connect to mains supply



3. Bend back the spring clips and insert the luminaire into the ceiling cutout



4. Reconnect the mains supply and check that the charge indicator is illuminated



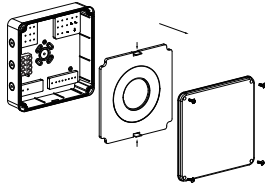
# EMERGENCY CLASSIFICATION

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	D32	L	11.5	13.2	14.8	16.5	17.6	18.0	18.5	19.0	19.5	20.1	20.5	20.7	20.6	20.3
Classification	spacing between luminaire & wall (m)															
Plane C0	D32	W	5.75	6.6	7.4	8.25	8.8	9.0	9.25	9.5	9.75	10.05	10.25	10.35	10.3	10.15

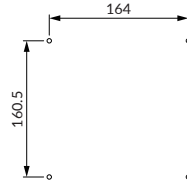
Based on AS/NZS2293.1:2018 (minimum 0.2 lux)

# WEATHERPROOF BOX INSTALLATION

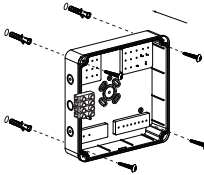
1. Remove screws and disassemble the mounting box. Knock out desired cable entry and fit IP gland



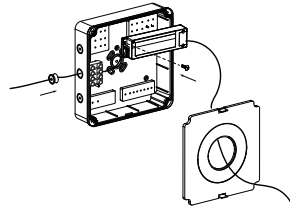
2. Mark and drill fixing positions on the mounting surface



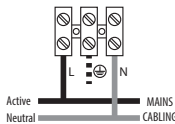
3. Attach mounting box to the mounting surface using the screws provided



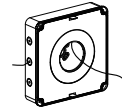
4. Feed supply cable through IP gland. Attach driver to the mounting box



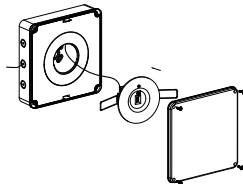
5. Connect the mains supply and the driver to the terminal block provided



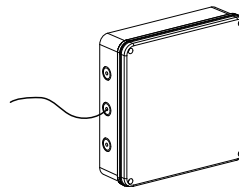
6. Feed the driver cable through the cutout plate and attach the cutout plate to the mounting box



7. Attach driver cable to the luminaire. Bend back the spring clips and insert the luminaire into the cutout plate

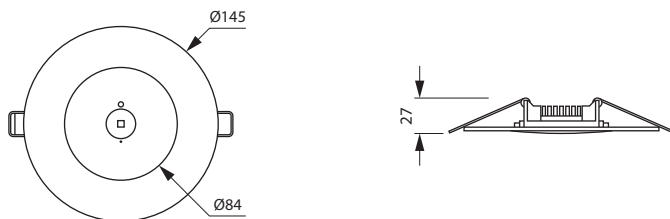


8. Replace mounting box cover and reconnect the mains supply, ensuring the charge indicator is illuminated



Unauthorized modification & improper installation void product warranty.

## DIMENSIONS



## OPERATION & TESTING

LED Indicator	Operating Mode	Function
On	Normal	Battery charging or fully charged
Off	Normal	Battery disconnected
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 operated 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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