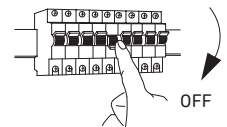


EM-00004

Precautions and Warnings

- Read all instructions carefully, the safety of this product is only guaranteed if the instructions are followed, retain these instructions for future use.
- Turn off the power supplier before installation and maintenance.
- Installation must be carried out by a trained professional in accordance with all National electrical codes and regulations.
- To avoid the risk of fire and overheating, make sure all connection, including those made by others, are correct and secure.
- Do not pinch or apply excessive tension on the electrical wires. Damage due to improper handling and installation will void the warranty.
- If any there is any damage to the product or the cable, the product must be returned to the retailer or manufacturer.



Electrical Specification

Class:	Class 2 <input type="checkbox"/>
Input power (MAX):	3.5W
Frequency:	50/60Hz
Input voltage:	200-240V
Discharge efficiency:	≥80%
Output power:	1.8W ±0.3W
Power factor:	≥0.3%

Rated input current:	≤0.03A
Full load output voltage:	DC2.8-3.2V
Output current range:	580mA±10%
Surge:	0.5KV
Withstand voltage:	AC3750V
Short circuit protection:	Pass
Over voltage production:	Pass

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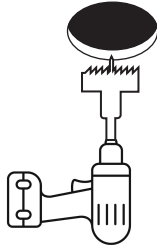
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Emergency Recessed Installation / Maintenance Instructions

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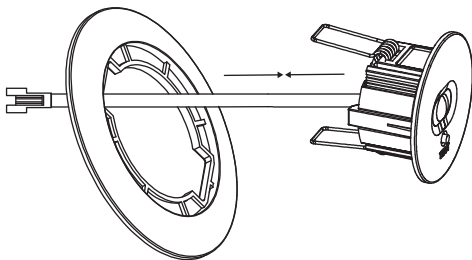
1

Cut suitable hole in ceiling. Note hole sizes if using 80mm or 140mm bezel accessory.
Standard - Ø42-50mm
D80 Bezel - Ø66-70mm
D140 Bezel - Ø85-105mm



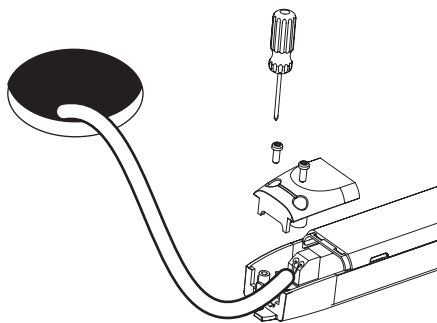
2

Attached larger bezel accessory if using.



3

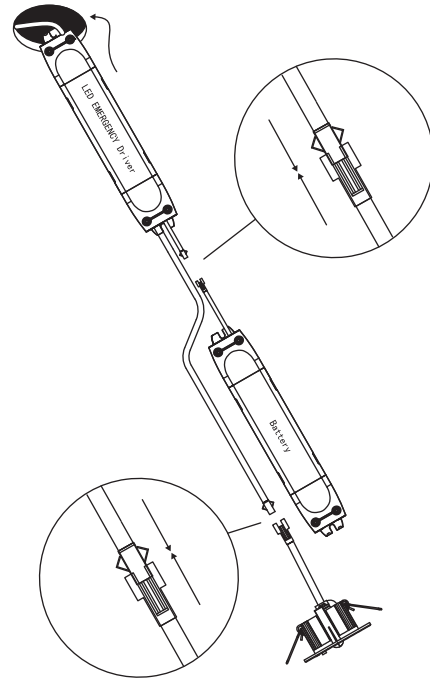
Make electrical connections to driver. See wiring diagram on next page.



Wire diameters: 0.5-0.75mm²

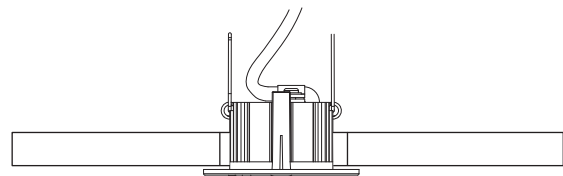
4

Connect the battery, and the luminaire and pass into the ceiling.



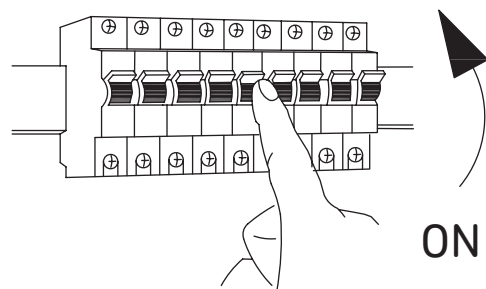
5

Insert luminaire into the ceiling.



6

Turn on power.



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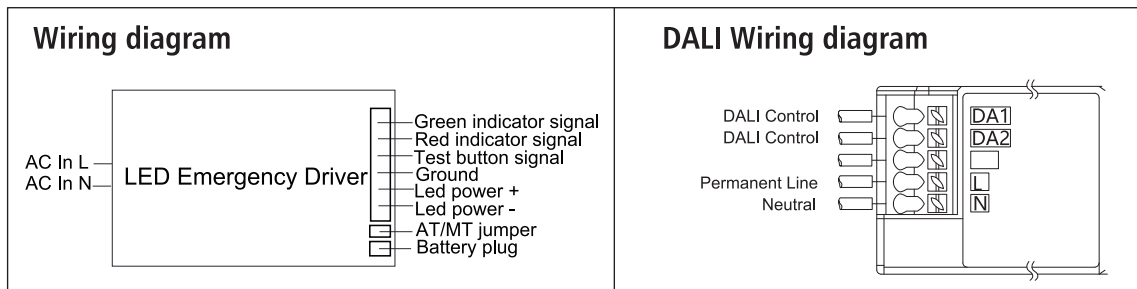
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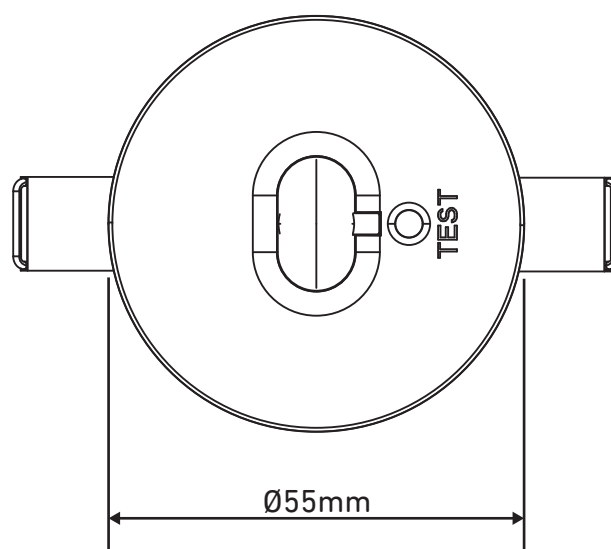
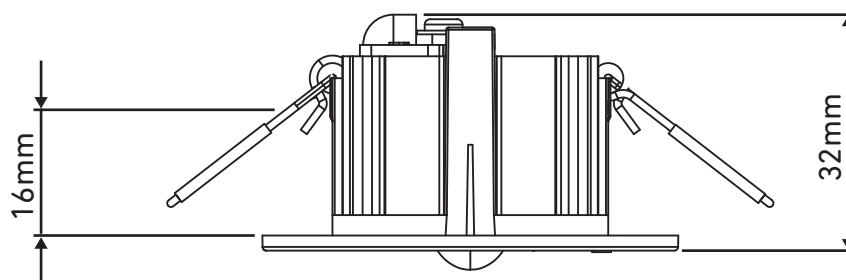
ISO 9001 Quality Management
ISO 14001 Environmental Management
ISO 45001 Occupational Health & Safety Management

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Dimensions



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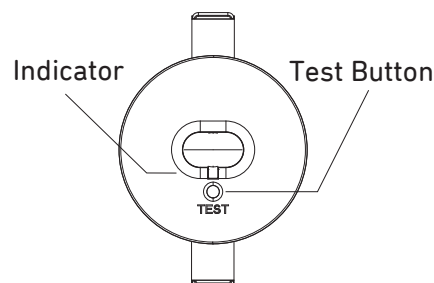
Emergency Recessed Installation / Maintenance Instructions

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Instructions for Automatic Testing

- Once the unit is powered up, a self diagnostics test will run automatically.
- Note the Status Indicator and Status from the table below.
- When the fault is corrected, press the test button for two seconds. The Red indicator will turn Green.

- It is possible to use the Test Button to perform manual tests.
- Run three Min duration test every month.
- Run one hour or three hour duration test every year.



AUTO Test

Green: Solid:	System OK
Red: Solid:	Requires Service
Green: one flash, 4s pause:	Battery disconnected
Green: two flash, 4s pause:	Low battery voltage
Green: three flash, 4s pause:	Charge board fault
Green: four flash, 4s pause:	AC/DC transfer fault
Green: five flash, 4s pause:	LED lamp fault

MANUAL Test

Press test button once:	Run a 30s duration test
Press test button twice in 2s:	Run a three Min duration test
Press test button three times in 2s:	Run a 30 Min duration test
Press test button three times in 2s:	Run a one hour or three hour duration test
Press and hold test button for 2s	Fault clear and reset

DALI Test

Green: Solid:	System OK
Green: 0.1s flash, 0.1s pause:	Function test underway
Green: 1s flash, 1s pause :	Duration test underway
Red: Solid:	Load failure
Red: 0.1s flash, 0.1s pause:	Battery failure
Red: 1s flash, 1s pause:	Charging Failure
Green: Double Pulse:	Inhibit Mode
Green and Red: OFF	Emergency Mode

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