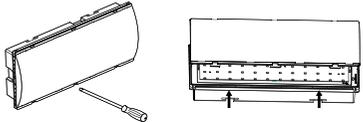
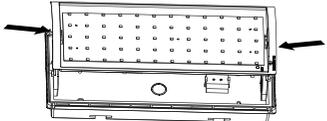
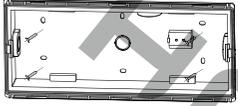
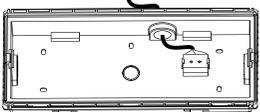
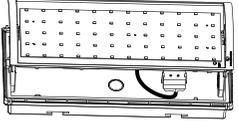
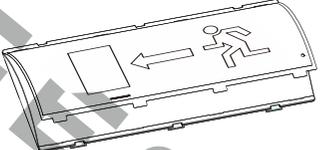
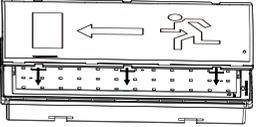


Wall mounting or Ceiling mounting

<p>① Dispart transparent shell</p>  <p>① Insert flat screw driver into slot on side of mounting, pry off and remove the transparent shell from mounting housing.</p>	<p>② Dispart LED PCBA panel</p>  <p>② Press side of LED PCBA panel, pry off and remove the panel from mounting housing.</p>
<p>③ Wall mounting or Ceiling mounting</p>  <p>③ Knock out appropriate center cable entry hole and mounting screw hole on the mounting housing. ④ Route AC supply wire through center hole of mounting housing. ⑤ Fix mounting housing on the mount surface with screws and anchor nuts.</p>	<p>④ Wiring connection</p> <p>Suitable cable 0.75-2.5mm</p>  <p>④ Connect the AC supply wire to terminal block. Refer to wiring instruction showed below.</p>
<p>⑤ Battery connection</p>  <p>⑤ Connect battery male and female connector inside of mounting bracket. ⑥ Snap AC supply on PCBA and then snap fixture to mounting housing.</p>	<p>⑥ Finish installation</p>  <p>⑥ Insert picture panel transparent shell into mounting transparent shell.</p>
<p>⑦ Finish installation</p>  <p>⑦ Insert transparent shell into mounting housing and finish installation.</p>	

THORGEON

INSTALLATION AND OPERATING INSTUCTIONS

—EXIT SIGN 03028



INSTALLATION AND OPERATING INSTUCTIONS

Approvals

1

This product is designed to conform to relevant standards, 03028

IMPORTANT WARNING

2

This product should be installed by a registered electrician in accordance with local standards and electrical regulations. Take care to ensure the mains supply is isolated before installation. Check marked label for correct voltage and frequency supply before installation.

Disconnect luminaires from the mains supply when carrying out any high voltage or insulation resistance testing or megger testing.

All installation should be carrying out in accordance with latest edition IEE regulation.

The luminaires shall under no circumstances, be covered with insulating matting or similar material.

This luminaires is of class II electrical equipment and must be earthed

Battery

3

Battery should be replaced when the required duration of operation is no longer achieved.

Old battery should be recycled

Please follow the enforced recycling regulations.

To avoid any damage to the fixture and ensure its performance, the battery should be replaced with same brand and type.

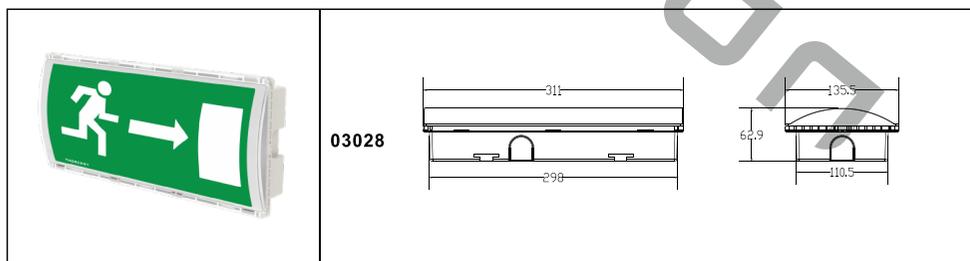
Replace battery must be by authorized servicing personal only.

Do not take battery through battery line, please take battery itself

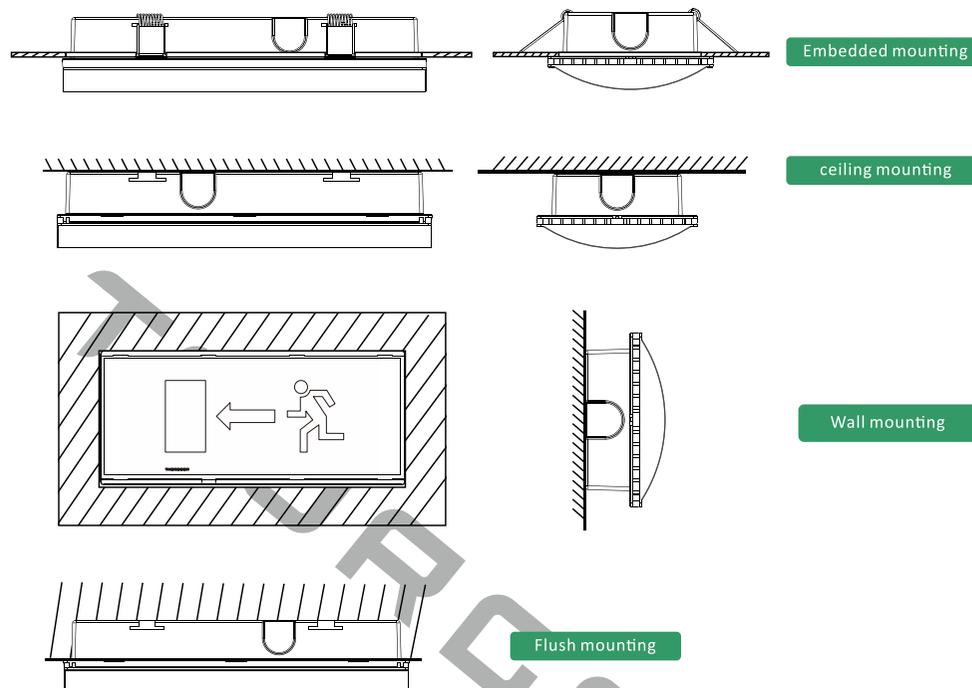
Photo and Dimension

4

unit :mm



Mounting type



LEGEND STYLES



5 Standard Feature

- Thermoplastic housing
- Low spaces illuminate, from 2 to 5m height
- Wall mounting, Flush mounting,
- Ceiling mounting, Embedded mounting
- LED: SMD 2835 , 6000K, 0.2w
- IP65 ingress protection
- Rohs compliance, CE SAA certification

7 Ordering Guide

Model No	Lamp	Viewing distance	Face plate	Duration	Test	Flux	Battery
03028	LED	24m/32m	Single	3 hour	Button self-test +Auto self-test	50LM 50LM	3.7V,2600mAH

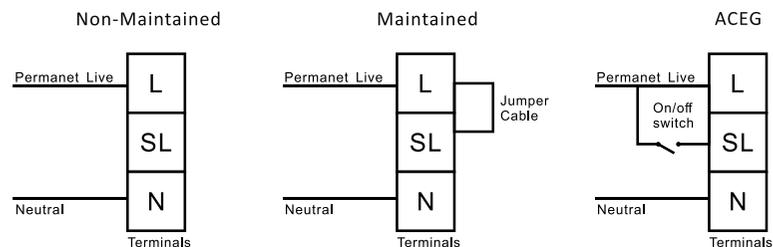
8 OPERATION

The luminaries can realize Maintained ,Non-Maintained, ACEG operation type

Operation and condition	Function	Green Indicator
the main supply is normal	Maintained operation type: luminaries is general lighting and charged mode	Green Indicator Permanent light
	Non-Maintained operation type: luminaries is charged mode, luminaries will not be illuminated	Green Indicator Permanent light
	ACEG operation type: luminaries is general lighting and charged mode, and can be on /off by switch	Green Indicator Permanent light
the main supply Isolated	Enter to emergency mode, luminaries is illuminated from its battery pack	Green Indicator flash 1 flashe within 1 second

Luminaries default operation is Maintained.Installer can change the luminaries to Non-Maintained and ACEG operation easily by jumper cable.

Please reference below instruction



6 Electrical Feature

- Input voltage: 220-240VAC 50/60Hz
- Liminaire power consumption: 5.0W(AC)/3.0W(DC)
- LED Power consumption:2.4W(AC&DC)
- LED Source:12W(0.2W*60)
- Operate: ACEG, Maintained and Non-maintained
- Test: Button self-test +Auto self-test
- Battery: Self contained Li-ion
- Charge time: 24hours and 16hours for SAA
- Discharge duration: 1hour, 2hours, 3hours

9 Button self test

operation	Function	Green Indicator
Press once test button	180seconds Emergency lighting self testing	10 flashes 1 second
Press twice test button within 2 seconds	1hours Emergency lighting self testing	5 flashes 1 second
Press 3 times test button within 2 seconds	2hours Emergency lighting self testing	2 flashes 1 second
Press 4 times test button within 2 seconds	3hours Emergency lighting self testing	1 flash 2 seconds
Press 5 times test button within 2 seconds	Quit to Emergency lighting self testing	Permanent light

To achieve the 1-3 hour emergency testing, you only need to press 1-4times the test button

10 Auto self-test

operation	Function	Green Indicator
Self-test every month after installation	180seconds Emergency lighting self testing	10 flashes 1 second
Self-test every 6 months after installation	1hour Emergency lighting self testing or 3hours Emergency lighting self testing	5 flashes 1 second(1hour Emergency) or 1 flash 2 seconds(3hour Emergency)

this panel will regular automatic carry out emergency test function In accordance with the preset program software, no need for manual operation

11 Testing for Emergency Luminaries

Recommended Routine Test Procedure in accordance with Bs5266.

The following test is designed to ensure the continued protection of your premises and occupants.

Because of the possibility of a failure of the normal lighting supply occurring shortly after a period of testing, all tests should wherever possible be undertaken at times of least risk e.g. during daylight hours.

Daily check-check LED charge indicator is illuminated.

Monthly: simulate the main supply Isolated using test button and operate a period not exceeding a quarter (25%) of the luminaries rated duration , check luminaries is illuminated. Ensure normal supply is restored after test and ensure charge indicator is illuminated.

TWICE PER YEAR: simulate the main supply Isolated using test button and operate each unit for a minimum period of 1 hour. Check any units extinguishing early. Ensure normal supply is restored after test and ensure charge indicator is illuminated.

AFTER 3 YEARS AND EACH SUBSEQUENT YEAR: Simulate the main supply Isolated using test button and operate each unit for full rated duration. Check any units extinguishing early. Ensure normal supply is restored after test and ensure charge indicator is illuminated.

If the luminaries falls any of the above tests please contact a qualified electrician.