

BLESSING

Atlantic LED



Atlantic LED S

single sided
safety sign

maintained
(switchable)



Atlantic LED D

double sided
safety sign

maintained
(switchable)



Atlantic LED R,
Atlantic LED O

escape route lighting,
open area lighting

(non) maintained
(switchable)

Self contained emergency lighting Atlantic LED AT en AT-3:

- voltage 230 V, -10 %, +6 %, 50 Hz
- rated lumen output 200 lm
- ambient temperature 0...+25 °C

Slave emergency lighting Atlantic LED 230-CG:

- voltage AC: 230 V, -10 %, +15 %, 50 Hz
(5,0 W 8,5 VA)
DC: 176 - 275 V
(22 mA @ 220 VDC)
- rated lumen output 200 lm
- ambient temperature -20...+40 °C

Mounting and connection:

This luminaire is intended only for fixed mounting and permanent direct connection to the mains supply. Prepare the required cable entry and fit a cable gland. Fix the gallery to the ceiling or wall using the stainless steel screws. (included)

! Please note that Atlantic LED R escape route lighting mainly emits light from the short sides, contrary to conventional fluorescent lighting.

Next make the electrical connections:

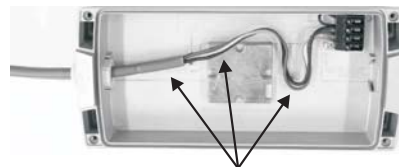
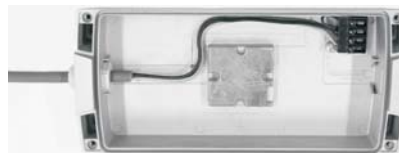
Atlantic LED self contained emergency lighting (AT):

- N : neutral
- L1 : unswitched live
- L2 : switched live
- ⊕ : protective earth

Atlantic LED slave emergency lighting (230-CG):

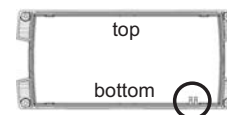
- N + L1: 230 V AC/DC
- ⊕ : protective earth

! The cable jacket must be removed just behind the gland. Because of the limited space, the wires must be kept as short as possible and should only be placed within the indicated space. The increased square area in the middle of the gallery must also be kept free of wiring.

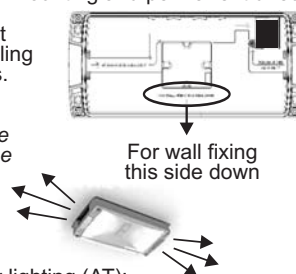


Atlantic LED S en D versions: Fix one (S) or two (D) pictograms in the diffuser.

! Atlantic LED S: When applying a pictogram please note the difference between top and bottom side of the diffuser.



Put the pictogram(s) carefully in place and verify if they are locked behind the right edges.



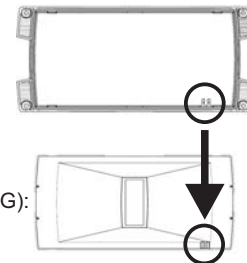
Next, the diffuser and the reflector unit can be snapped together.
! Please note the diffuser fits only one way to reflector unit.

Atlantic LED self contained emergency lighting (AT):
Connect the battery cable to the circuit board.

Atlantic LED slave emergency lighting (230-CG):
Adjust the address switches on the ballast module:

1 st address-switch (0,1,2)	2 nd address-switch (0...9)	luminaire address:
0	0	off
0	1	01
0	2	02
...	...	...
1	1	11
...	...	...
2	0	20

Next, the combined diffuser and reflector unit can be placed in the gallery. Check beforehand whether the position of the connectors on the reflector unit and the gallery correspond and then insert the unit in the gallery. Tighten the 4 bolts carefully and securely.



Testing the luminaire (Atlantic LED self contained emergency lighting (AT):

As soon as the mains voltage has been connected, check that the green LED is on. Connecting the battery connector to the PCB during installation defines the start time of the weekly tests. Exactly one week after the battery is connected, the first weekly test takes place with a duration of two minutes. In the thirteenth week a complete emergency duration test will take place. It is recommended, if possible, to select the test time at the beginning of a period in which the area is likely to be unoccupied. This moment can be changed by disconnecting the battery for 5 seconds. Exactly 24 hours after connection of the mains a first duration test will be carried out. If necessary the NiMH battery will be fast charged. A completely discharged battery will be fully recharged within a maximum of 16 hours. If a mains failure occurs during the 24 hours before a scheduled test, this test will be delayed. The test timing for all subsequent tests remains unchanged. In the event of a mains failure, the luminaire will remain in emergency mode for an additional two minutes after mains is restored. When the luminaire is stand-by and fully recharged, an additional function test of 2 minutes can be initiated by moving the test magnet (accessory) along the LED indicator.

Explanation of the LED indication:

- green on, yellow off: stand-by
- green off, yellow blinking fast: light source defective
- green off, yellow blinking slow: emergency duration not sufficient or charge current incorrect

Before replacement of a defective light source the battery should be disconnected from the circuit board. The battery should be replaced if the emergency duration is not sufficient. By doing this the luminaire will be reset. Battery replacement should be performed by a competent person.

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