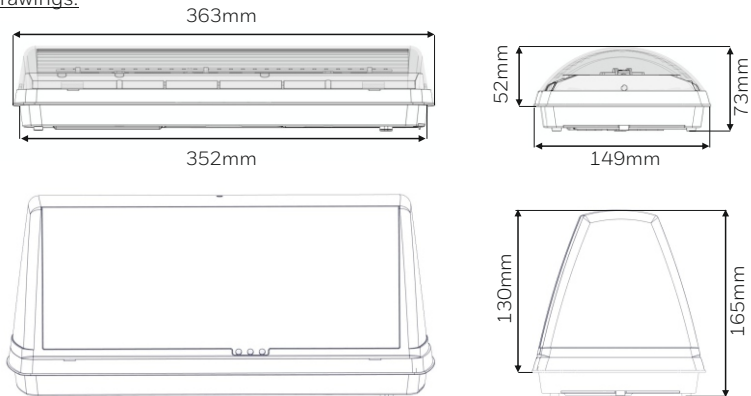
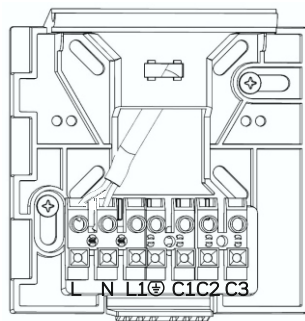
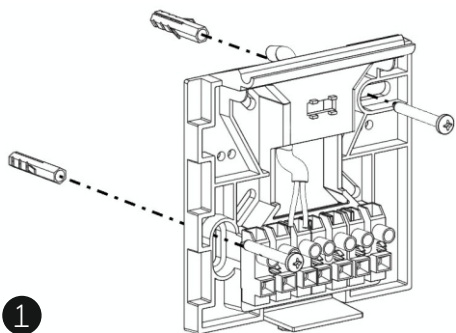


Dimensional Drawings:

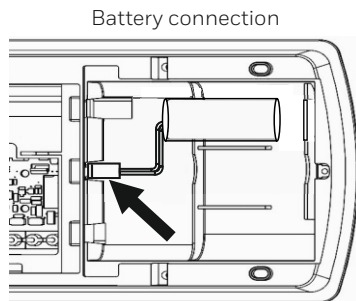
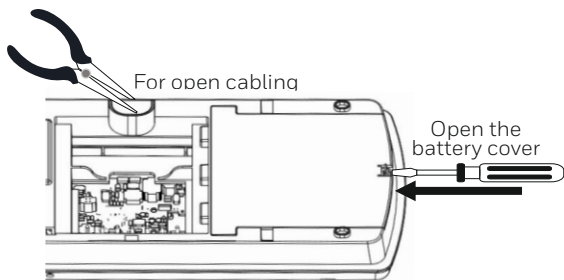


Installation:

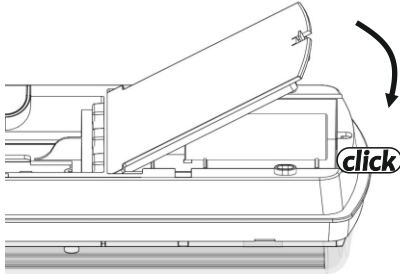
Wall or ceiling mounting



For eBus, Dali or potential free contact use C1 and C2 terminals

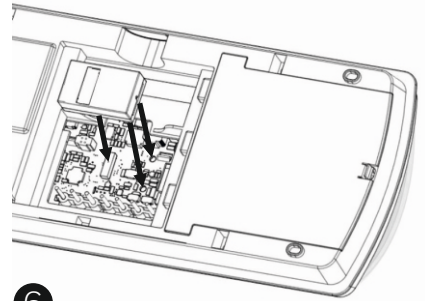


Close the battery cover



5

Module placement
(eIBus, Dali, Wireless, Potential free)

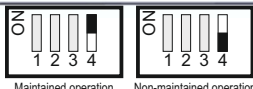
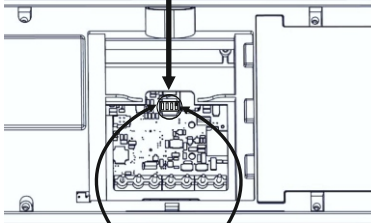


6

Dip Switch Positions (DS1)



1h (default position) 3h 8h



Maintained operation Non-maintained operation

7

Autonomy duration selection

The user can select one of the 3 available minimum autonomy durations 1 hour, 3 hours and 8 hours. The selection must be done while the luminaire is disconnected from AC and battery supplies. The selection is achieved through Switches 2 & 3 of DS1. Switch 1 is not used.

Technical label installation

One additional label is included in the package, for 3 hours duration (180). The installer must cover the default 1 hour (60) printing. Please take notice of the orientation of the label.

Changing the operating mode

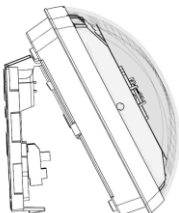
The control of maintained or non maintained operation of the luminaire is achieved through Switch 4 of DS1. For maintained operation, switch number 4 must be in ON position. For non-maintained operation, switch number 4 must be in OFF.



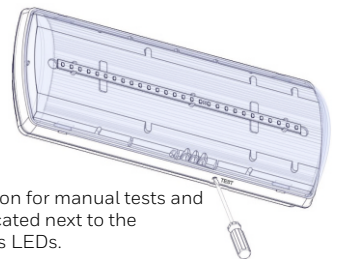
8

For accomplishing 8h autonomous light, an extra battery and adaptor is required (Part No. 290BAT.13). Connect the two batteries to the adaptor and then the adaptor's connector to the corresponding connector on the PCB. One additional label is included in the package, for 8 hours duration (480). The installer must cover the default 1 hour (60) printing. Please take notice of the orientation of the label.

Base the luminaire to the socket



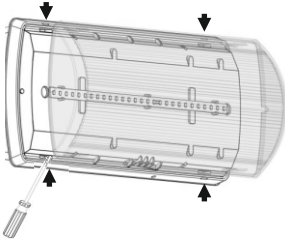
9



A test button for manual tests and reset is located next to the indications LEDs.

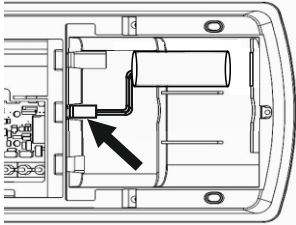
10

Battery replacement

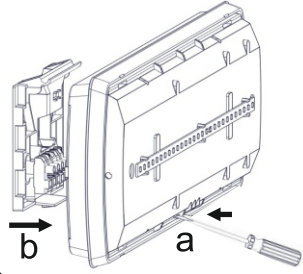


1

Battery connection

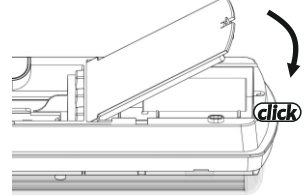


3



2

Close the battery cover



4

Technical description	UniLED Combi ST LED 230V w/Pict 10Y 138h	
Part no.:	138057.10	
Maximum Power Consumption:	1h & 3h: 5.5W / 5.8VA	8h: 6.2W / 6.5VA
Battery (LiFePO ₄):	1h & 3h: 3.2V / 2Ah	8h: 2x3.2V / 2Ah
Battery Protection:	Overcharge protection / full discharge protection	
Charging Time:	1h & 3h: 16hours	8h: 23hours
Produced in accordance with:	EN 60598-1, EN 60598-2-22, EN 55015 EN 61547, EN 61000-3-2, EN 61000-3-3	
Ambient Temperature Range:	5 to 40 °C	
Relative Humidity:	Up to 95%	
Technical lifetime (light source):	> 100000 hours	
Weight:	900 gr	
Expected Battery Lifetime:	10 years	
Controlgear classification in accordance with IEC 62034: with automatic test function		
Replacement Lamp: 290057.STR		



At the end of their useful life the packaging, product & batteries should be disposed of via a suitable recycling centre. Do not dispose of with your normal household waste. Do not burn.



Duration
1h/3h/8h



Emergency
375/220/175lm



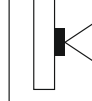
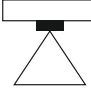
Normal
375lm






























IP20



27m



Indicator LEDs	Description
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">GREEN </div> <div style="text-align: center;">YELLOW </div> <div style="text-align: center;">RED </div> </div>	Normal
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> </div>	Charging (battery test not possible while charging)
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> </div>	Mains off, battery not connected or charger fault
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> </div>	Battery test
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> </div>	Battery fault
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> </div>	Light source test
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> </div>	Light source fault
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"></div> <div style="text-align: center;"></div> <div style="text-align: center;"></div> </div>	Battery fault and light source fault
<p>LED Status explanation</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Off </div> <div style="text-align: center;">  On </div> <div style="text-align: center;">  Flashing </div> </div>	

The UniLED is a self-contained luminaire with selftest function. it can be configured as maintained or non-maintained.

Selftest functions

Every 15 days the luminaire will perform an emergency operation test. This will light the white LEDs for approximately 3 seconds. The red LED will flash during this test sequence.
 Every 6 months the luminaire will perform a battery condition test. The test will last for the stated duration. The white LEDs will be lit and the yellow LED will flash during this test sequence.

Note: When using DALI or Wireless communication, the frequencies and schedules for tests will instead be determined by the connected PC software.

Manual test functions

- Emergency operation test:
Press the TEST button less than 5 seconds. The white LEDs light for about 3 seconds and the red LED flashes.
- Battery condition test:
Press the TEST button for 5 to 10 seconds. This test will last for the stated duration and can only be performed when the battery is fully charged (steady green LED). The white LEDs light and the yellow LED flashes.
- Resetting errors:
Press the TEST button more than 10 seconds to delete all indicated errors. The luminaire enters regular operation mode.

In case that the luminaire no longer meets its rated duration of operation, the battery must be replaced.
 Important notice when installing luminaires within the same area!!!
 To avoid that luminaires perform their battery test at the same day, connect the battery packs with more than 1,5 minutes in between.

- Note: In case of mains power disconnection for a period of more than two months, the battery must be disconnected.
- Note: In case of battery or light source replacement, these must be replaced with parts of the same type. The replacement must be performed by the manufacturer or a competent person.
- Note: If the supply cable of the luminaire is damaged, it shall exclusively be replaced by a competent person in order to avoid hazard.