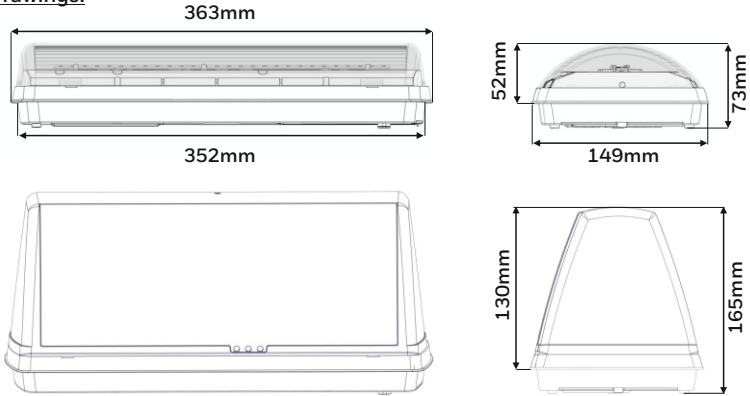
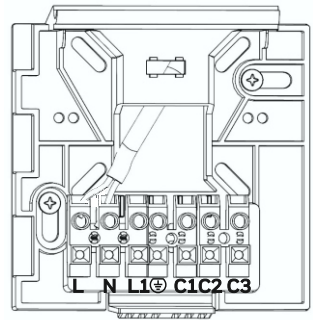
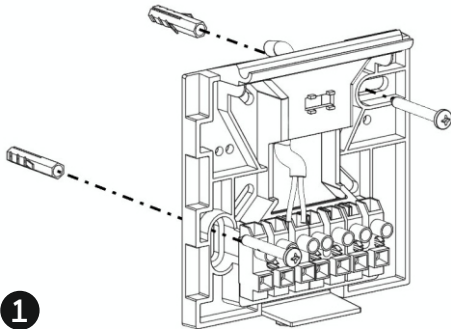


### Dimensional Drawings:

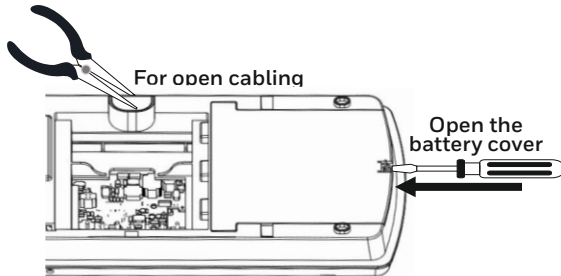


### Installation:

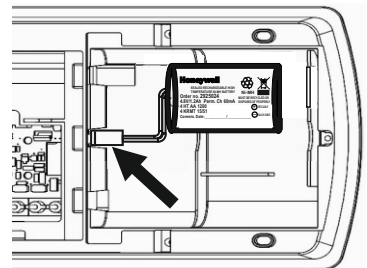
#### Wall or ceiling mounting



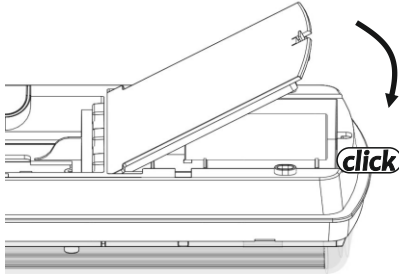
For eIBus, Dali or potential free contact use C1 and C2 terminals



#### Battery connection

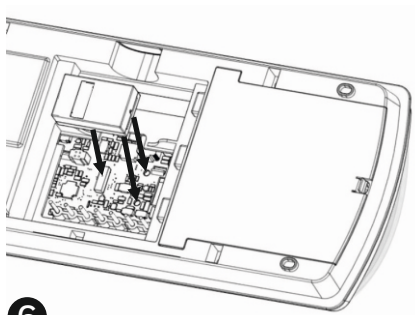


Close the battery cover



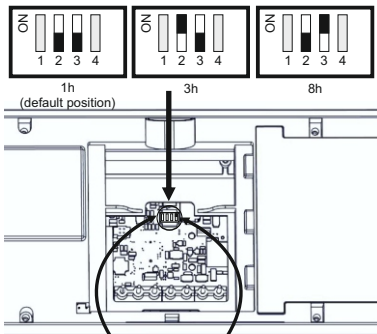
5

Module placement  
(e!Bus, Dali, Wireless, Potential free)



6

**Dip Switch Positions (DS1)**



**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.

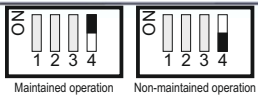
**Technical label installation**

One additional labels 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.

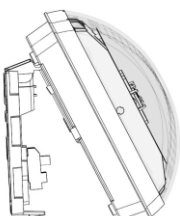
7



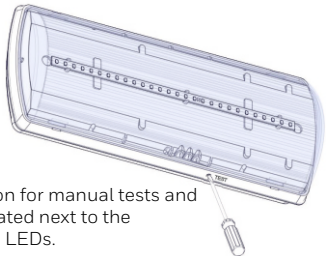
8

For accomplishing 8h autonomous light, an extra battery and adaptor is required (Part No. 290BAT.9). 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



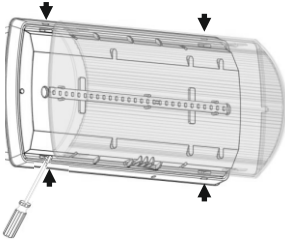
9



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

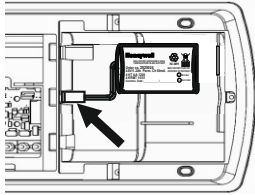
10

## Battery replacement

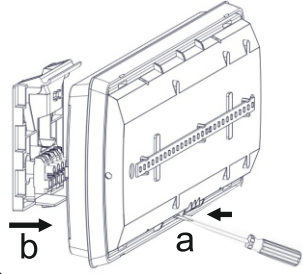


1

Battery connection

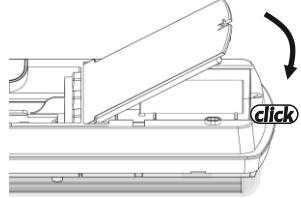


3



2

Close the battery cover



4

Technical description	UniLED Combi ST LED 230V w/Pict 138h	
Part no.:	138057	
Maximum Power Consumption:	1h & 3h: 4.8W / 5VA	8h: 5.25W / 5.4VA
Battery (NiMH):	1h & 3h: 4.8V / 1.2Ah	8h: 2x4.8V / 1.2Ah
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:	959 gr	
Expected Battery Lifetime:	4 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  
375/175/155lm



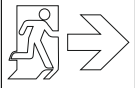
Normal  
375lm














IP20



27m



Indicator LEDs	Description	
GREEN		
YELLOW		
RED		
	Normal	
	Charging (battery test not possible while charging)	
	Mains off, battery not connected or charger fault	
	Battery test	
	Battery fault	
	Light source test	
	Light source fault	
	Battery fault and light source fault	
LED Status explanation		
 Off	 On	 Flashing

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