

## INVERTER MODULE



Emergency supply module for operation of a luminaire with LED lamp and electronic control gear in reduced power during failure of the mains supply. Connection of the luminaire with change of the inner wiring. Variant with separate electronic and battery module as well as with separate signal LED.

Version for luminaire installation (without housing) and with additional accessories for luminaire attachment (with housing, IP65)

### MOUNTING TYPES



### TECHNICAL DATA

<b>Housing:</b>	Polycarbonate, white (RAL 9003) (luminaire installation) Polycarbonate grey (RAL 7035) (luminaire attachment)	<b>Type of protection:</b>	IP20 (luminaire installation) IP65 (luminaire attachment)
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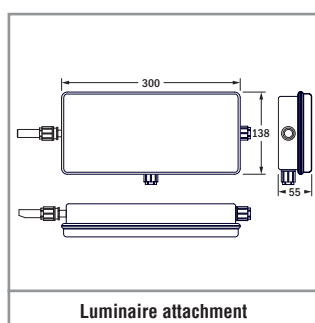
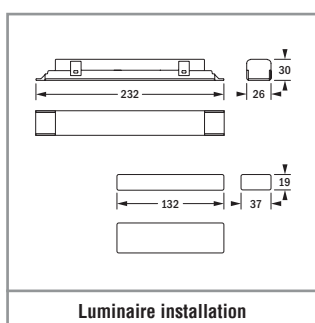



### SELF-CONTAINED SUPPLY

<b>Mains supply:</b>	230 V / 50 Hz
<b>Switching:</b>	Maintained (only with electronic control gear) and non-maintained
<b>Protection class:</b>	II
<b>Ambient temperature:</b>	Electronic: -20 °C to +60 °C Battery: 0 to +40 °C

### SUPPLY – LED LAMP

<b>Driver power (inverter):</b>	10 W for 1 h operating duration 3.3 W for 3 h operating duration 1.25 W for 8 h operating duration (adjustable over DIP switch on inverter)
<b>Driver current (inverter):</b>	max. 0.5 A
<b>Driver voltage (inverter):</b>	5 V to 55 V



Autotest Order code	Logica Order code	Logica FM Order code	$\Phi =$ 1 h	$\Phi =$ 3 h	$\Phi =$ 8 h	
Luminaire installation <sup>1</sup>						
19391	19391	19391+19375	see formula	see formula	see formula	LIFE 12.8 V / 1.5 Ah

<sup>1</sup> Please order additional required accessories for luminaire attachment separately.

FORMULAS FOR CALCULATION OF THE LIGHT FLUX IN BATTERY OPERATION

Operating duration 1 h

light flux of LED lamp in mains operation [%] = 100 %  
 light flux of LED lamp in battery operation [lm] =

$$\text{light flux of LED lamp in mains operation [lm]} \times \frac{10 \text{ W}}{\text{power of LED lamp in mains operation [W]}}$$

Operating duration 3 h

light flux of LED lamp in mains operation [%] = 100 %  
 light flux of LED lamp in battery operation [lm] =

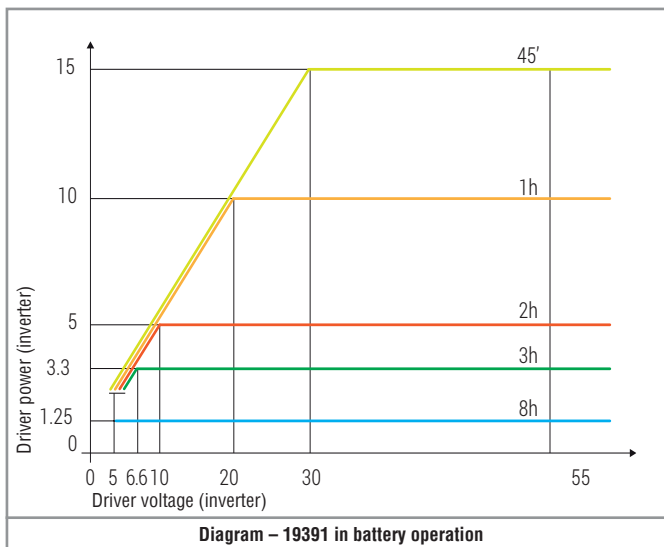
$$\text{light flux of LED lamp in mains operation [lm]} \times \frac{3.3 \text{ W}}{\text{power of LED lamp in mains operation [W]}}$$

Operating duration 8 h

light flux of LED lamp in mains operation [%] = 100 %  
 light flux of LED lamp in battery operation [lm] =

$$\text{light flux of LED lamp in mains operation [lm]} \times \frac{1.25 \text{ W}}{\text{power of LED lamp in mains operation [W]}}$$

Operating duration without subsidiary battery (RA08)	Driver power (inverter) without subsidiary battery (RA08)	Operating duration with subsidiary battery (RA08)
1 h	10 W	2 h
3 h	3.3 W	6 h
8 h	1.25 W	16 h



Please order accessories separately

Order code	Description
RA08	Subsidiary battery LIFE 12.8 V / 1.5 Ah
19375	Logica FM interface
19376	Housing for luminaire attachment IP65