

## Acoustic and optical signalling - TECHNICAL CHARACTERISTICS

### Emergency lighting fittings

#### Scope

Independent emergency lighting for residential and service areas; it lights on when the power is cut. In the event of a black-out, it can also be used to light dangerous areas (stairs, angles, etc.) and obstacles.

Suitable for use in:

- homes (entrance, near consumer unit, corridors, stairs)
- offices (meeting rooms, service areas)
- hotels (rooms, corridors, stairs)
- hospitals and clinics (wards, corridors, stairs)

#### Conformity to Standards

LV Directive

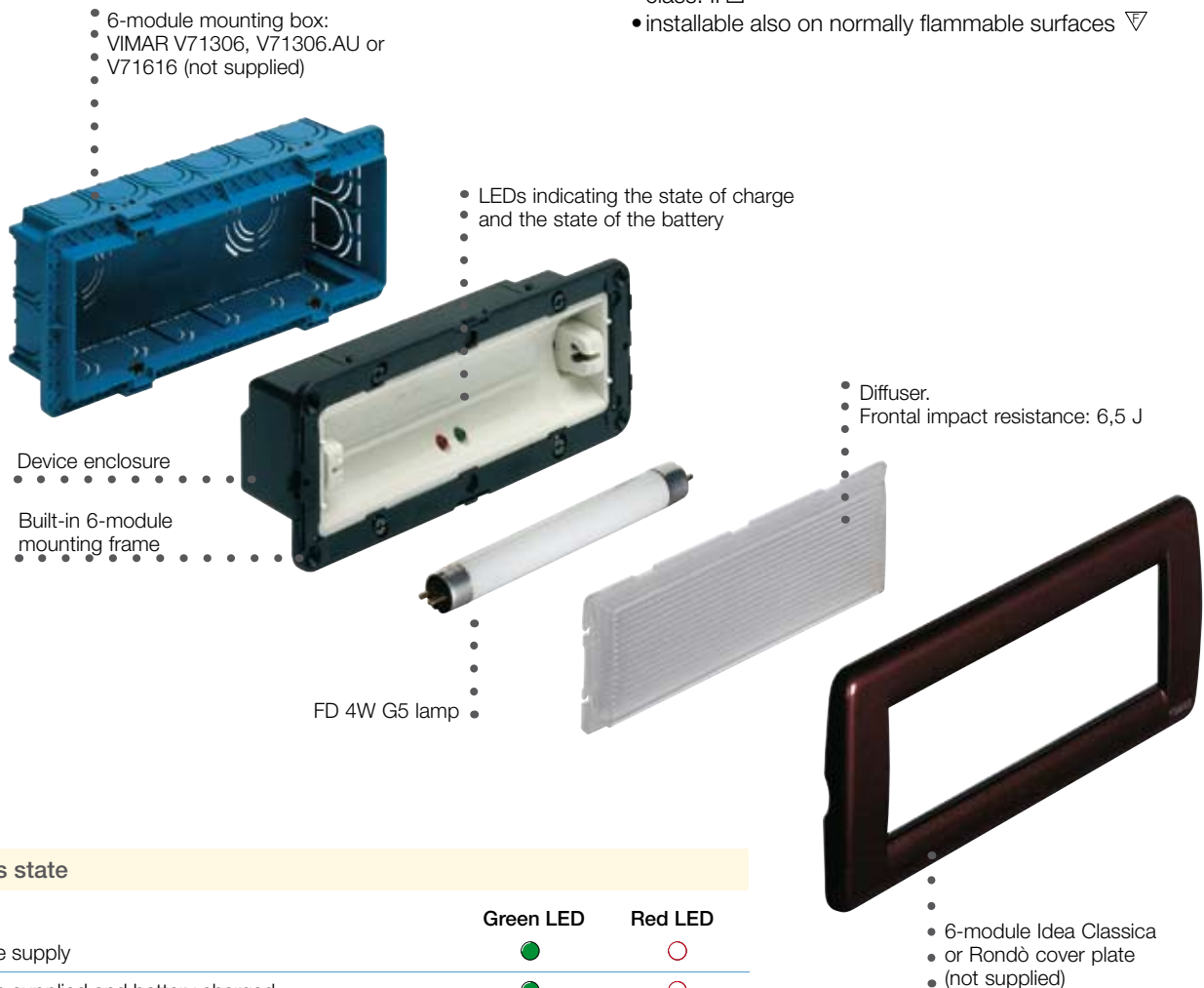
EN 60598-1, EN 60598-2-22, EN 60598-2-2 Standards

EMC Directive

EN 61547, EN 61000-3-2, EN 61000-3-3, EN 55015 Standards

#### Technical specifications

- supply voltage
  - **16440**: 230 V~ 50-60 Hz
  - **16441**: 120 V~ 50-60 Hz
- lamp: FD 4W G5
- rechargeable and replaceable Ni-Cd 2,4 V 1,3 Ah battery
- protection fuse: 2 A delayed (T)  $\varnothing$  5x20 mm
- luminous flux  $\Phi$ : 29 lumen
- endurance: 1 h
- recharge time: 12 h
- LEDs indicating the state of the charge and battery: see table "LEDs state"
- built-in 6-module mounting frame to complete with classica and rondò cover plate
- enclosure in self-extinguishing material
- resistance to frontal impact: 6,5 J
- installable on 6/7-module V71306, V71306.AU and V71616 mounting boxes or by main manufacturers
- installable at a height of 2,2 m and 20 cm from the floor level
- protection degree: IP40
- class: II  $\square$
- installable also on normally flammable surfaces  $\nabla$



#### LEDs state

	Green LED	Red LED
Device supply	●	○
Device supplied and battery charged	●	○
Battery charging	●	○
Device supplied and battery charged	●	○
Battery voltage beneath the minimum charging threshold	●	●
Battery disconnected or fuse burn out	○	●
Battery to be replaced	●	●

● ● LED on     
 ● ● Flashing LED     
 ○ ○ LED off

## Acoustic and optical signalling

### Emergency lighting fitting

16440	Emergency lighting fitting, supply voltage 230 V~ 50-60 Hz, Ni-Cd rechargeable battery, supplied with FD 4W G5 lamp and built-in 6-module mounting frame for 6/7-module mounting boxes. To be completed with 6-module classica or rondò cover plate
16441	Emergency lighting fitting, supply voltage 120 V~ 50-60 Hz, Ni-Cd rechargeable battery, supplied with FD 4W G5 lamp and built-in 6-module mounting frame for 6/7-module mounting boxes. To be completed with 6-module classica or rondò cover plate
00911	Ni-Cd 2,4 V 1,3 Ah rechargeable battery, spare part for emergency lighting fitting

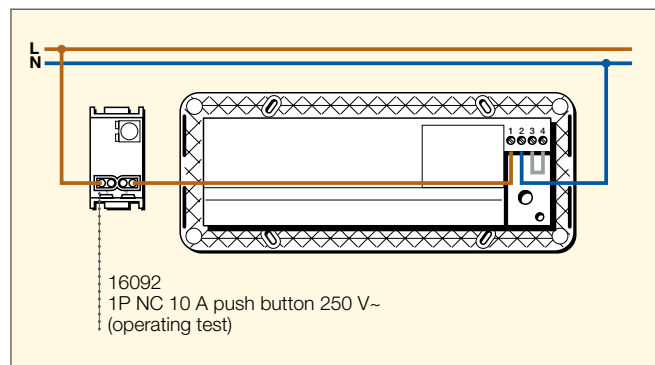


16440  
16441

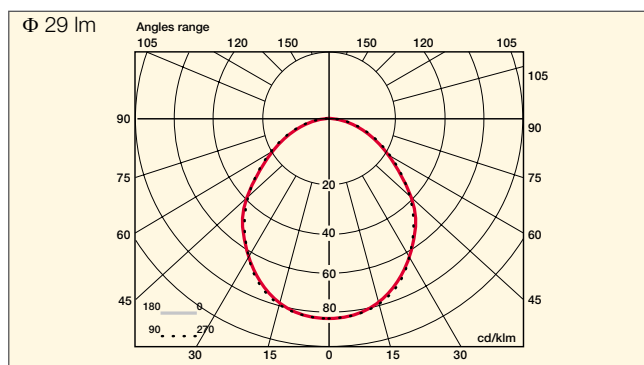


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### Wiring diagram



### Photometric diagram in emergency state



### Example of use

