

EXPERT LED EMERGENCY

200LEDEM



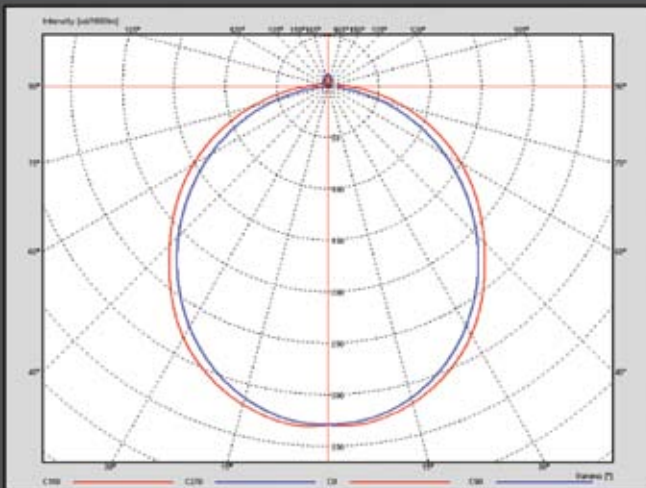
The EXPERT LED EMERGENCY ceiling light is the best solution for your cold room's emergency lighting. The use of LED technology, the high transparency diffuser and the careful management of energy consumption guarantee the best performance in terms of light flow and battery life. The driver allows you to customize EXPERT LED EMERGENCY as needed: in always on mode (SA) for

continuous illumination of escape routes or in emergency mode (SE) for activation only without power supply. The internal diagnostic function allows to control in real time the battery state (installed outside the cold room). The modern and thin design ensures the minimum space requirements inside the cold room.

APPLICATIONS

- Emergency lighting of cold rooms at negative or positive temperatures (SE).
- Continuous lighting of escape routes in cold rooms at negative or positive temperatures (SA).

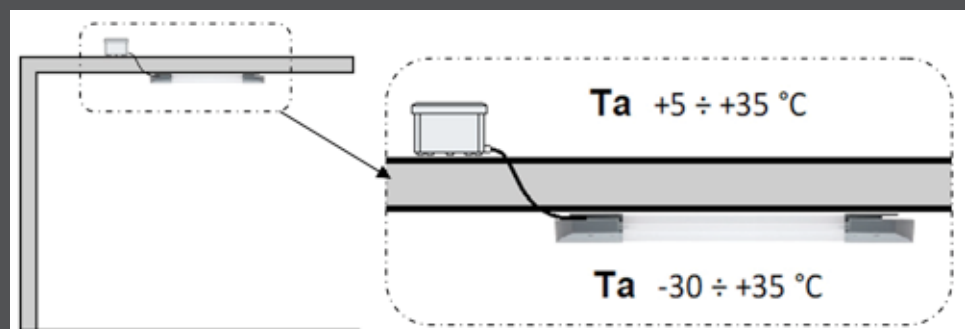
Polar diagram



MAIN CHARACTERISTICS

- Instant start, without waiting time, even at low temperatures.
- External driver with integrated battery, specially designed to maximize battery life in without power supply.
- Led power supply status and battery status inside the lamp.
- Configurable in always on mode (SA) or emergency mode (SE).
- Energy saving compared with fluorescent solutions.
- Reduced maintenance costs due to the LED's long life.
- Easy installation.
- Thin design.
- IP 65 protection rating (lamp).
- High brightness.

INSTALLATION





TECHNICAL CHARACTERISTICS	200LEDEM-L (LAMP)
DIMENSION	419 x 93 x 36 mm
WEIGHT	0,35 kg
POWER VOLTAGE	
VOLTAGE	23 V DC SELV
DRIVER	EXTERNAL. Connect only to 200LEDEM -D
MAX ABSORBED POWER	5,1 W
ENVIRONMENT CONDITIONS	
WORKING TEMPERATURE	-30 ÷ +35 °C
STORAGE TEMPERATURE	-20 ÷ +35 °C
RELATIVE HUMIDITY	<90% RH
GENERAL CHARACTERISTICS	
LUMINOUS FLUX	800 lumen
COLOR TEMPERATURE	5700 K (Cool White)
COLOR RENDERING INDEX	> 80
CONNECTION	Pre-wired cable (100 cm)
INSTALLATION	Single; ceiling or wall mounting with screws
LAMP	LED; integrated; non-replaceable
TURN-ON TIME	<0,2"
WARM-UP TIME (60%)	Instant on
NUMBER OF ON-OFF CYCLES	100000
INSULATION AND MECHANICAL CHARACTERISTICS	
PROTECTION RATING	IP65
MATERIAL	Self-extinguishing polycarbonate V0
INSULATION TYPE	Class III

TECHNICAL CHARACTERISTICS	200LEDEM-D (DRIVER)
DIMENSION	130 x 90 x 65 mm
WEIGHT	0,35 kg
POWER VOLTAGE	
VOLTAGE	230 V AC 50-60 Hz
MAX ABSORBED POWER	7,5 W
ENVIRONMENT CONDITIONS	
WORKING TEMPERATURE	+5 ÷ +35 °C
STORAGE TEMPERATURE	-20 ÷ +35 °C
RELATIVE HUMIDITY	<90% RH
GENERAL CHARACTERISTICS	
INSTALLATION	Junction box, mount with screw
DIAGNOSTIC, POWER AND BATTERY STATUS	Signals available from terminal block
OUTPUT	SELV, Pout = 5.1 W, Iout = 0.2 A, Uout (max) = 38 V 100 % (SA) 50 % (SE)
LOAD TYPE	Connect only to 200LEDEM -L
TURN-ON TIME	<0,2 s
NUMBER OF ON-OFF CYCLES	100000
BATTERY	
CODE	100APEBATT (PEGO)
TYPE	12 VDC NI-MH 1300 mAh, replaceable
FULL CHARGE TIME	10 hours
AUTONOMY WITH FULLY CHARGED BATTERY	> 3 hours
MAXIMUM CURRENT SUPPLY	250 mA
INSULATION AND MECHANICAL CHARACTERISTICS	
PROTECTION RATING	IP55
MATERIAL	Polymer self-extinguishing GW 650 °C
INSULATION TYPE	Class II