

ENGLISH



DESCRIPTION

The EXPERT LED ceiling light is the best solution for your cold room's lighting. It saves energy by using LED technology; furthermore the modern and thin design ensures the minimum space requirements.

APPLICATIONS

- Lighting of cold rooms at negative temperatures.
- Lighting of cold rooms at positive temperatures.

PRINCIPAL CHARACTERISTICS

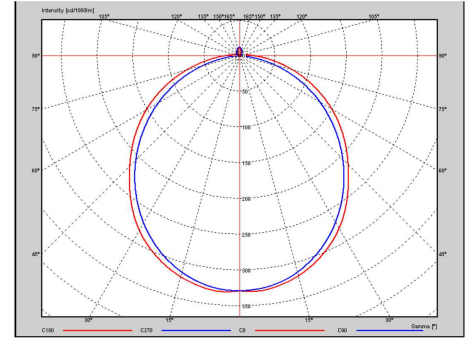
- Instant start, without waiting time, even at low temperatures.
- Energy saving compared with fluorescent solutions.
- Reduced maintenance costs due to the LED's long life.
- Easy installation.
- Thin design.
- IP 65 protection rating.
- High brightness.
- Supply circuit designed to minimize the heat generated by the light.

MODELS

PEGO CODE	DESCRIPTION
200LED30	700 lumen, 8 W, length 419 mm.
200LED60	1570 lumen, 16,5 W, length 665 mm.
200LED120	3250 lumen, 33,5 W, length 1157 mm.

TECHNICAL DATA

Power voltage	
Power voltage	230V~ ±10% 50/60Hz
Absorbed power	200LED30: 8 W 200LED60: 16,5 W 200LED120: 33,5 W
Driver	Integrated
Environment conditions	
Operating temperature	-30 ÷ 40°C - humidity < 90% Rel. Hum. Not condensing
Storage temperature	-35 ÷ 70°C - humidity < 90% Rel. Hum. Not condensing
Unsuitable operating environments	Environments with strong vibrations or impacts; aggressive, polluted or corrosive atmospheres, exposure to direct solar radiation, explosive atmospheres or flammable gas.
General characteristics	
Lamp	LED, integrated, non-replaceable
Luminous flux	200LED60: 700 lumen 200LED60: 1570 lumen 200LED120: 3250 lumen
Color temperature	5700 K
Color Rendering Index	> 80
Connection	Pre-wired cable (100 cm)
Installation	Single; ceiling mounting with screws
Turn-on time	< 0,2s
Warm-up time (60%)	Instant on
Number of on-off cycles	100.000
Dimensional, insulation and mechanical characteristics	
Dimensions	200LED30: 419x93x36mm 200LED60: 665x93x36mm 200LED120: 1157x93x36mm
Weight	200LED30: 0.35 Kg 200LED60: 0.65 Kg 200LED120: 1.30 Kg
Protection rating	IP65
Casing	Self-extinguishing V0 polycarbonate
Insulation type	Class II
Conformity with EEC low voltage directives, electromagnetic compatibility and EC mark	
EN 60598-1:2008 + A11:2009; EN 60598-2-1:1989; EN 62493:2010; EN 62471:2008; EN 62031:2008 + A1:2013 + A2:2015; EN 55015; EN 61547.	



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ELECTRICAL PRESCRIPTIONS

All conductors used in the cabling must be appropriately sized in order to support the load which they must provide.

FIXING PRESCRIPTIONS

Screws not supplied. Use proper fasteners according to the type of wall.

MAINTENANCE

The LEDs are installed permanently and can't be replaced. Do not use harsh detergents, chemicals or abrasives as they may damage the plastic.

