

EXPERT LED - Cold Room LED Lights

YOUR COLD ROOM UNDER A NEW LIGHT



The ceiling light EXPERT LED 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.

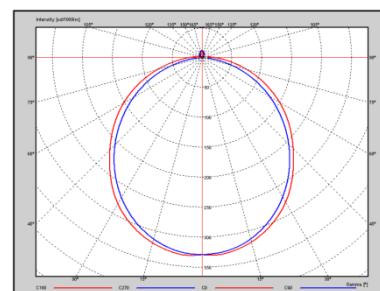
Applications

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



Main characteristics

- Power supply 230 Vac.
- 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.



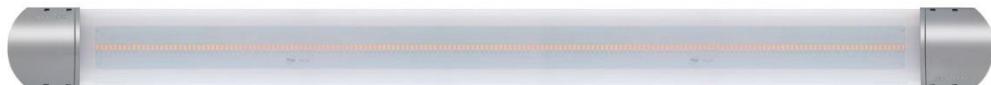
EXPERT LED 30



EXPERT LED 60



EXPERT LED 120



Installation examples

COLD ROOM DIMENSIONS		EXPERT LED 30	EXPERT LED 60	EXPERT LED 120
H = 2	1,2 m	1,2 m	1	-
	2 m	2 m	2	1
	3 m	3 m	3	1
	4 m	4 m	4	2
	5 m	5 m	6	3
H = 2,4	1,2 m	1,2 m	1	-
	2 m	2 m	2	1
	3 m	3 m	3	2
	4 m	4 m	6	1
	5 m	5 m	8	2

TECHNICAL CHARACTERISTICS

EXPERT LED 30	EXPERT LED 60	EXPERT LED 120
Dimension	419 x 93 x 36 mm	665 x 93 x 36 mm
Weight	0,35 Kg	0,65 Kg

POWER SUPPLY

Voltage	230 VAC ±10% 50/60 Hz
Driver	Integrated
Max absorbed power	8 W
Power factor	> 0.9

AMBIENT CONDITIONS

Working temperature	-30 ÷ +40°C
Storage temperature	-35 ÷ +70°C
Relative humidity	<90% Rh

GENERAL CHARACTERISTICS

Luminous flux	700 lumen	1570 lumen	3250 lumen
Color temperature	5700 K (Cool White)		
Color Rendering Index	> 80		
Connection	Pre-wired cable (100 cm)		
Installation	Single; ceiling mounting with screws		
Lamp	LED; integrated; non-replaceable		
Turn-on time	<0,2s		
Warm-up time (60%)	Instant on		
Number of on-off cycles	100000		
Average lifetime	50000 hours		

INSULATION AND MECHANICAL CHARACTERISTICS

Protection rating	IP 65
Material	Self-extinguishing polycarbonate V0
Insulation type	Class II

DIMENSION

