

EXPERT LED

EXPERT LED 30 | EXPERT LED 60 |
EXPERT LED 120

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.



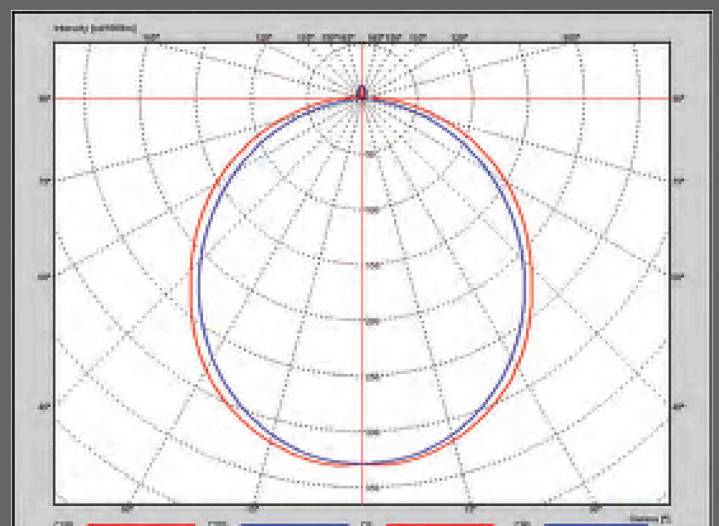
APPLICATIONS

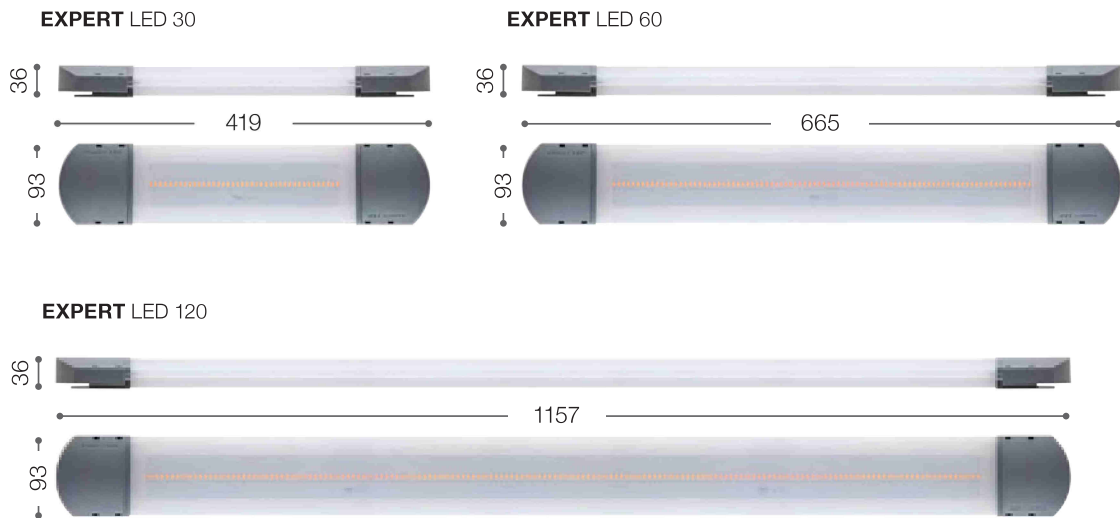
- Lighting of cold rooms at negative temperatures.
- Lighting of cold rooms at positive temperatures.

MAIN CHARACTERISTICS

- 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.

Polar diagram





TECHNICAL CHARACTERISTICS	EXPERT LED 30	EXPERT LED 60	EXPERT LED 120
DIMENSION	419 x 93 x 36 mm	665 x 93 x 36 mm	1157 x 93 x 36 mm
WEIGHT	0,35 Kg	0,65 Kg	1,3 Kg
POWER SUPPLY			
VOLTAGE	230 V AC ± 10% 50/60 Hz	230 V AC ± 10% 50/60 Hz	230 V AC ± 10% 50/60 Hz
DRIVER	INTEGRATED	INTEGRATED	INTEGRATED
MAX ABSORBED POWER	8 W	16,5 W	33,5 W
AMBIENT CONDITIONS			
WORKING TEMPERATURE	-30 ÷ +40°C	-30 ÷ +40°C	-30 ÷ +40°C
STORAGE TEMPERATURE	-35 ÷ +70°C	-35 ÷ +70°C	-35 ÷ +70°C
RELATIVE HUMIDITY	<90% RH	<90% RH	<90% RH
GENERAL CHARACTERISTICS			
LUMINOUS FLUX	700 LUMEN	1570 LUMEN	3250 LUMEN
COLOR TEMPERATURE	5700 K (COOL WHITE)	5700 K (COOL WHITE)	5700 K (COOL WHITE)
COLOR RENDERING INDEX	> 80	> 80	> 80
CONNECTION	PRE-WIRED CABLE (100 CM)	PRE-WIRED CABLE (100 CM)	PRE-WIRED CABLE (100 CM)
INSTALLATION	SINGLE; CEILING MOUNTING WITH SCREWS	SINGLE; CEILING MOUNTING WITH SCREWS	SINGLE; CEILING MOUNTING WITH SCREWS
LAMP	LED; INTEGRATED; NON-REPLACEABLE	LED; INTEGRATED; NON-REPLACEABLE	LED; INTEGRATED; NON-REPLACEABLE
TURN-ON TIME	<0,2s	<0,2s	<0,2s
WARM-UP TIME (60%)	INSTANT ON	INSTANT ON	INSTANT ON
NUMBER OF ON-OFF CYCLES	100000	100000	100000
INSULATION AND MECHANICAL CHARACTERISTICS			
PROTECTION RATING	IP 65	IP 65	IP 65
MATERIAL	SELF-EXTINGUISHING POLYCARBONATE V0	SELF-EXTINGUISHING POLYCARBONATE V0	SELF-EXTINGUISHING POLYCARBONATE V0
INSULATION TYPE	CLASS II	CLASS II	CLASS II