



Installation: hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)

Classification: Group II - Category 2G 2D



REFERENCE STANDARDS

Directive 2014/34/EU

EXECUTION	⊗ II 2 G Ex db op is IIC T5/T4 Gb ⊗ II 2 D Ex op is tb IIC T100°C/T135°C Db IP66
RULES OF COMPLIANCE	EN/IEC 60079-0; EN/IEC 60079-1; EN/IEC 60079-7; EN/IEC 60079-28; EN/IEC 60079-31;
EC Type-Examination Certificate	INERIS 17ATEX0046X
PROTECTION DEGREE	IP66
AMBIENT TEMPERATURE	-60°C ÷ +60°C
OTHER AVAILABLE CERTIFICATES	IECEX: IECEX INE 17.0038X EAC: TC RU C-IT.BH02.B.00602 (-60°C ÷ +60°C)

Mechanical characteristics

Body	marine grade copper free aluminium
Diffuser	tempered front glass
Support	adjustable type hot dip galvanized steel
Painting	external epoxy powders grey RAL-9006 colour
Screws	external stainless steel
Gaskets	silicon rubber
Cable entry	2 x 3/4" NPT (2 x ISO-M25 as option)

Electrical characteristics

Power supply	100÷240Vac - 50/60 Hz 127÷250Vdc
Lamp type	Power LED Type "cold white" - CCT 5700K with symmetric 65deg secondary lens
Internal wiring	high-temperature resistant silicon rubber insulation cables
Terminals	suitable up to 4sq/mm cables



On Request Accessories:

- External painting colour on request
- Threaded cable entry different than standard

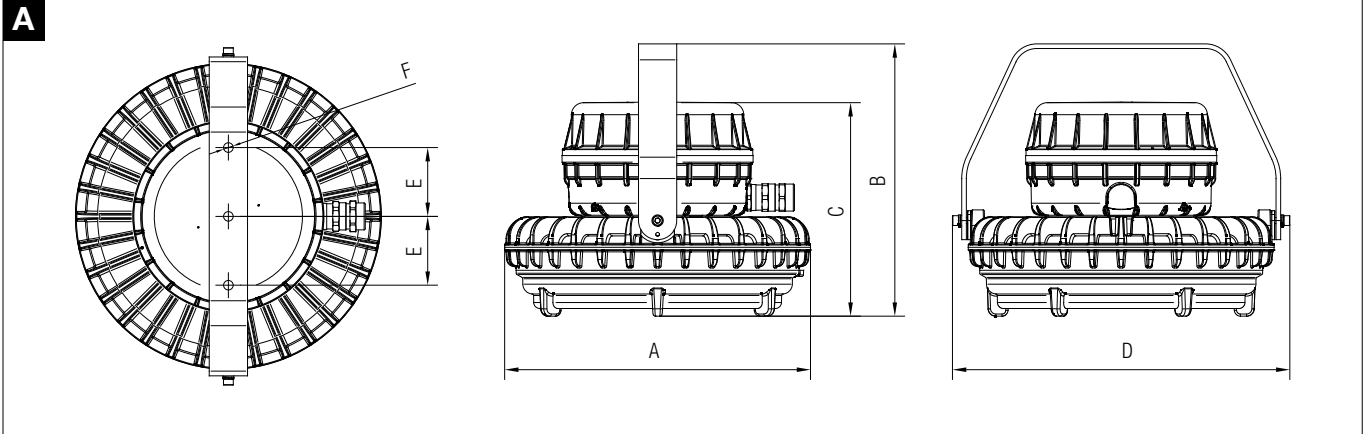
Technical data

CODE	LAMP	TEMPERATURE CLASS (GAS)	TEMPERATURE CLASS (DUSTS)	NOMINAL OUTPUT (lm)	CABLE ENTRY SIZE	DETAIL
LIGHTING FIXTURE FOR LED LAMP - POWER SUPPLY (100÷240Vac - 50/60 Hz) - (127÷250Vdc)						
RCDE160LED	160 W	T5 (Ta +40°C) / T4 (Ta +60°C)	T100°C / T135°C	12135 lm	2 x 3/4" NPT	A
RCDE192LED	192 W	T5 (Ta +40°C) / T4 (Ta +60°C)	T100°C / T135°C	14563 lm	2 x 3/4" NPT	A

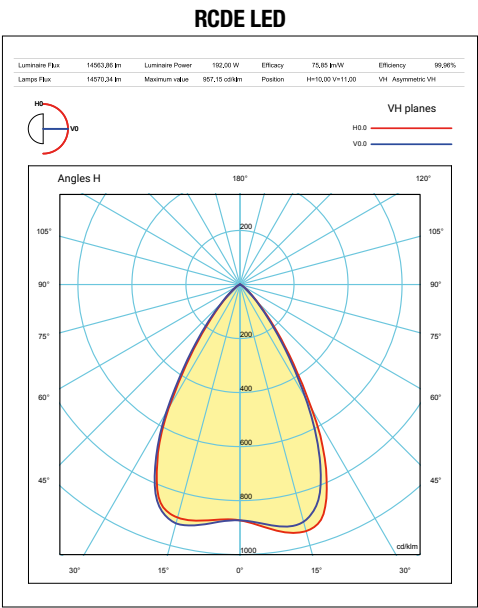
Technical features

CODE	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	WIGHT [Kg]	CABLE ENTRY	DETAIL
RCDE160LED	400	356	279	441	90	Ø12,5	21,00	2 x 3/4" NPT	A
RCDE192LED							21,50		

Reference details



RCDE LED Polar diagrams – photometric data



REMARK:
Due to the development of the national and international specifications and of the technology, the above technical characteristics showed on this bulletin can be considered as binding on our confirmation only.