

FLOODLIGHTS FOR INCANDESCENT AND DISCHARGE LAMPS

Explosion Proof Electrical Equipment



Ex Lighting

RCDE

Installation: hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)
Classification: Group II - Category 2G 2D

RCDE



FLOODLIGHT / PROJECTOR			
	ATEX 94/9/EC	GOST-R (RTR / RTN)	GOST-K
EXECUTION	Ⓜ II 2 G Ex d IIC T4/T3/T2 Ⓜ II 2 D Ex tD A21 T135°C/T160°C T200°C/T230°C	1Ex d IIC T4/T3/T X DIP A21 TA 200°C, DIP A21 TA (135, 160, 200, 230)°C	1Ex d IIC T4/T3/T2 X DIP A21 TA (135, 160, 200, 230)°C
INSTALLATION	ZONE 1 / 2 - ZONE 21 / 22	ZONE 1 / 2 - ZONE 21 / 22	ZONE 1 / 2 - ZONE 21 / 22
PROTECTION DEGREE	IP66	IP66	IP66
CERTIFICATE REF.	INERIS 03 ATEX 0004 X	POCC IT. Г505.В02536	No. 07/43-269
RULES OF COMPLIANCE	EN 60079-0; EN 60079-1; EN 61241-1	ГОСТ Р 51330.9-99 (МЭК 60079-0-98); ГОСТ Р 51330.1-99 (МЭК 60079-1-98); ГОСТ Р 51330.8-99; ГОСТ Р МЭК 61241-1-1-99	ГОСТ Р 51330.0 / 1 / 8 / 14-99 ГОСТ Р МЭК 61241-1-1-2002

CONTROL GEAR			
	ATEX 94/9/EC	GOST-R (RTR / RTN)	GOST-K
EXECUTION	Ⓜ II 2 G Ex d IIC T6/T2 Ⓜ II 2 D Ex tD A21 T80°C/T290°C	1Ex d IIC T6 (T5...T2) X DIP A21 TA (80...290)°C	1Ex d IIC T6 (T5...T2) X DIP A21 TA (80...290)°C
INSTALLATION	ZONE 1 / 2 - ZONE 21 / 22	ZONE 1 / 2 - ZONE 21 / 22	ZONE 1 / 2 - ZONE 21 / 22
PROTECTION DEGREE	IP66	IP66	IP66
CERTIFICATE REF.	INERIS 01 ATEX 0054X	POCC IT. Г505.В02536	No. 07/43-269
RULES OF COMPLIANCE	EN 60079-0; EN 60079-1; EN 61241-1	ГОСТ Р 51330.9-99 (МЭК 60079-0-98); ГОСТ Р 51330.1-99 (МЭК 60079-1-98); ГОСТ Р 51330.8-99; ГОСТ Р МЭК 61241-1-1-99	ГОСТ Р 51330.0 / 1 / 8 / 14-99 ГОСТ Р МЭК 61241-1-1-2002

Mechanical characteristics

Body	marine grade copper free aluminium
Diffuser	tempered front glass
Support	adjustable type hot dip galvanized steel
Reflector	internal polished aluminium
Painting	external epoxy powders grey RAL-9006 colour
Screws	external stainless steel
Gaskets	silicon rubber
Cable entry	3/4" NPT size threaded

Electrical characteristics

Power supply	conventional ballast 230V - 50Hz (p.f.corrected - cos $\phi \geq 0,95$)
Lampholders	porcelain E40 size
Internal wiring	high-temperature resistant silicon rubber insulation cables
Terminals	suitable up to 4mm/sq cables

ON REQUEST ACCESSORIES:

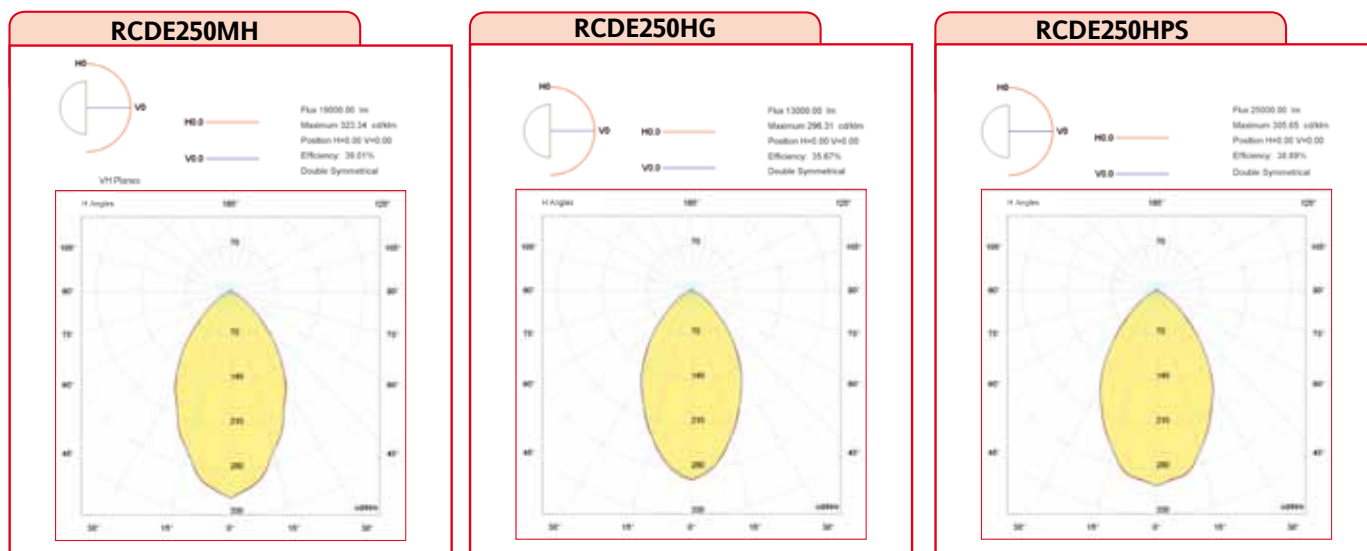
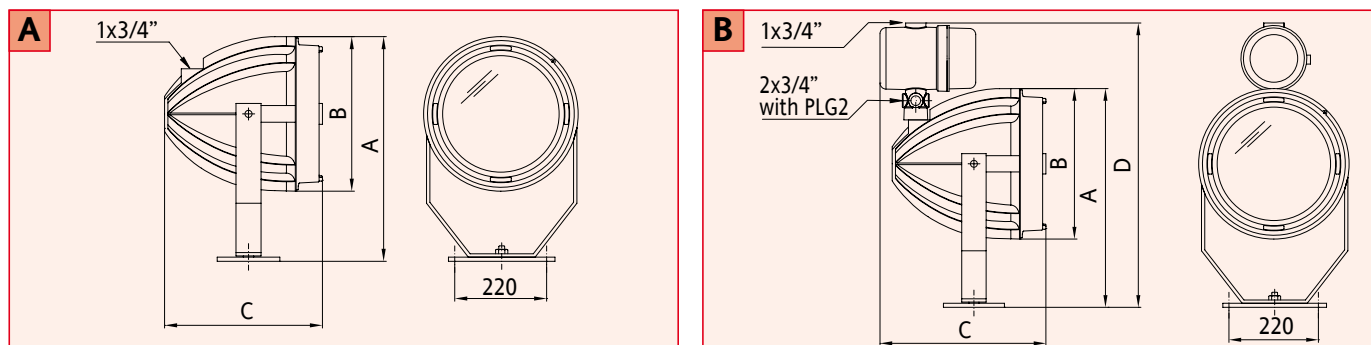
- External painting colour on request
- Control gear with voltage supply different than standard
- Threaded cable entry different than standard

RCDE Technical data

CODE	LAMP	TEMPERATURE CLASS (GAS)	TEMPERATURE CLASS (DUSTS)	LAMPHOLDER SIZE	CABLE ENTRY SIZE	DETAIL
FLOODLIGHTS FOR INCANDESCENT LAMP - POWER SUPPLY 230V-50Hz						
RCDE500	500 W	T2	T 230°C	E-40	1x3/4"	A
FLOODLIGHTS FOR BLENDED LIGHT LAMP - POWER SUPPLY 230V-50Hz						
RCDE500	500 W	T3	T 200°C	E-40	1x3/4"	A
FLOODLIGHTS FOR HIGH PRESSURE MERCURY VAPOUR LAMP - POWER SUPPLY 230V-50Hz						
RCDE500 250HG	250 W	T3	T 160°C	E-40	3x3/4"	B
RCDE500 400HG	400 W	T3	T 200°C	E-40	3x3/4"	B
FLOODLIGHTS FOR HIGH PRESSURE SODIUM LAMP - POWER SUPPLY 230V-50Hz						
RCDE500 250HPNA	250 W	T4	T 135°C	E-40	3x3/4"	B
RCDE500 400HPNA	400 W	T3	T 200°C	E-40	3x3/4"	B
FLOODLIGHTS FOR METAL HALIDE LAMP - POWER SUPPLY 230V-50Hz						
RCDE500 250MH	250 W	T4	T 135°C	E-40	3x3/4"	B
RCDE500 400MH	400 W	T3	T 200°C	E-40	3x3/4"	B

RCDE Technical features

CODE	A [mm]	B [mm]	C [mm]	D [mm]	WEIGHT [Kg]	CABLE ENTRY	DETAIL
RCDE500	542	378	376	-	21,00	1 x 3/4"	
RCDE500 250HG	542	378	406	700	29,00	3 x 3/4"	B
RCDE500 250HPNA	542	378	406	700	29,50	3 x 3/4"	B
RCDE500 400HG	542	378	406	700	31,00	3 x 3/4"	B
RCDE500 400HPNA	542	378	406	700	31,50	3 x 3/4"	B
RCDE500 250MH	542	378	406	700	26,50	3 x 3/4"	B
RCDE500 400MH	542	378	406	700	31,50	3 x 3/4"	B



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.