

The 238 well-glass luminaire is ideal for use where a compact and powerful source of area lighting is needed.

The range accommodates high pressure discharge lamps up to 250W and also incandescent GLS lamps up to 300W. External reflectors are available to provide light control for efficient low and medium height operation.

The luminaire is made from corrosion resistant aluminium alloy and toughened boro-silicate glass using stainless steel fastenings. It has an IP66 rating.

The luminaire features a large side mounted increased safety terminal chamber eliminating the need for flame-proof cable glands and allowing flush mounting. The 238 is suitable for a wide range of high and low temperature applications.



Standard Specification

Features

Type of Protection	Ex de (Flameproof, Increased Safety), Ex tD (Dust)
ATEX Classification	Group II Category 2 G D
Area Classification	Zone 1 and Zone 21 areas to EN 60079-10 and EN 61241-10 with installation to EN 60079-14 and EN 61241-14 and Gas Groups IIA & IIB
Apparatus Standard	EN 60079-0, EN 60079-1, EN 60079-7, EN 61241-0 and EN 61241-1
Certificate	EC Type Examination Certificate BAS08ATEX0177 International IEC Ex BAS08.0056
Coding	⊕ II Ex de IIB Ex tD A21 (refer to table for T rating and ambient)
Enclosure	Aluminium alloy LM6 to BS 1490. All fastenings stainless steel. Toughened glass bowl.
Internal Reflector	High purity anodised aluminium
Entry	2 x M20 cable entries
Termination	3 core 6mm ² max. conductor with looping
Installation	Flush mounting bracket
Control Gear	Internal copper/iron with PFC correction capacitor
Relamping	Access via front glass cover assembly
Lampholder	E27 or E40
Lamp Type	HPS, Metal Halide, Mercury Vapour, GLS, QL or MBTF
Burning Position	Universal
Ingress Protection	IP66 to EN 60529
Electrical Supply	220, 230, 240, 254V 50Hz - 70, 150 & 250W HPS/Metal Halide 220, 230, 240V 50Hz - 80, 125, 250W MBF/U & 100W HPS 250V Max GLS/MBTF

Ex e cable entries and looping as standard

Anchor chain on glass cover assembly

High ingress protection

External reflector (option)

Low temperature applications to -50°C

Compact construction

GOST Approved

CSA Approved

IEC Ex Compliant

Std. Cat No.	Wattage	Lamp	Lampholder	T Class	Ambient °C	Weight
238D/070/HS	70W	HPS	E27	T4	60*	17kg
238D/100/HS	100W	HPS	E40	T4	60*	17kg
238D/150/MS	150W	HPS and Metal Halide	E40	T4	40	18kg
238D/250/MS	250W	HPS and Metal Halide	E40	T3	45*	20kg
238D/080/MV	80W	Mercury Vapour	E27	T4	60*	17kg
238D/125/MV	125W	Mercury Vapour	E27	T4	40	17kg
238D/250/MV	250W	Mercury Vapour	E40	T3	45*	19.5kg
238D/150/GL	150W	GLS	E27	T4	60*	15.5kg
238D/200/GL	200W	GLS	E27	T4	50	15.5kg
238D/300/GL	300W	GLS	E27	T4	40	15.5kg
238D/160/MB	160W	MBTF	E27	T3	50*	15.5kg
238D/085/QL	85W	QL	QL	T5	55	16.0kg
238D/070/HS/T5	70W	HPS	E27	T5	40	17kg
238D/150/MS/T3	150W	HPS and Metal Halide	E40	T3	55*	18kg
238D/125/MV/T3	125W	Mercury Vapour	E27	T3	50*	17kg

Note: Refer to installation leaflet for cable rating on models marked *

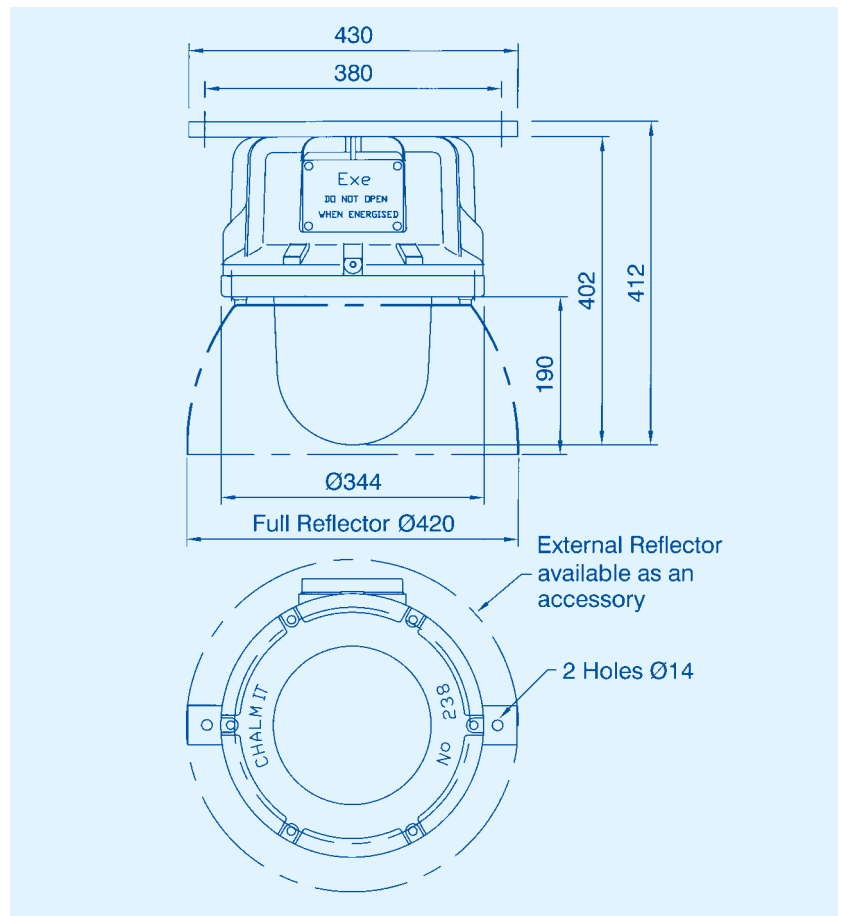
The 250W luminaires have a 70°C cable rating at ambients of 30°C

Options - Suffix to Catalogue No.

- /120 120V QL only
- /60 60Hz
- /M25 M25 Entries
- /P PTFE coating
- /S Stirrup mounting bracket
- /NC No power factor correction capacitors fitted

Applications

- Zone 1 and 2 hazardous areas
- Harsh and low temperature environments
- Offshore oil and gas platforms
- Medium and low bay lighting
- Petrochemical industry
- Pharmaceutical industry
- Road tanker loading facilities
- Stairwells • Oil jetties • Distilleries



Accessories (Should be ordered separately)

Catalogue Order Code

Pole mounting bracket (stirrup mounting version only)	S2610-0001
Wire guard	S2381-0012
External reflector	S2380-0001

Product design and specifications are subject to change without notice, please check the Chalmit website for latest specifications.

