

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 IP66/67 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 e cable entries and looping as standard
ATEX Classification	Group II Category 2 G	Anchor chain on glass cover assembly
Area Classification	Zone 1 and Zone 2 areas to EN 60079-10 with installation to EN 60079-14 Gas Groups IIA and IIB	High ingress protection
Apparatus Standard	EN 50014 EN 50018 EN 50019	External reflector (option)
Certificate	EC Type Examination Certificate BAS01ATEX2308	Low temperature applications to -50°C
Coding	Ⓔ II 2 G EEx de IIB (refer to table for T rating and ambient)	Compact construction
Enclosure	Aluminium alloy LM6 to BS 1490. All fastenings stainless steel. Toughened glass bowl.	GOST Approved
Internal Reflector	High purity anodised aluminium	CSA Approved
Entry	2 x M20 cable entries	IEC Ex Compliant
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	IP66/67 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	

Std. Cat No.	Wattage	Lamp	Lampholder	T Class	Ambient °C	Weight
238D/070/HS	70W	HPS	E27	T4	70*	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	70*	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 *

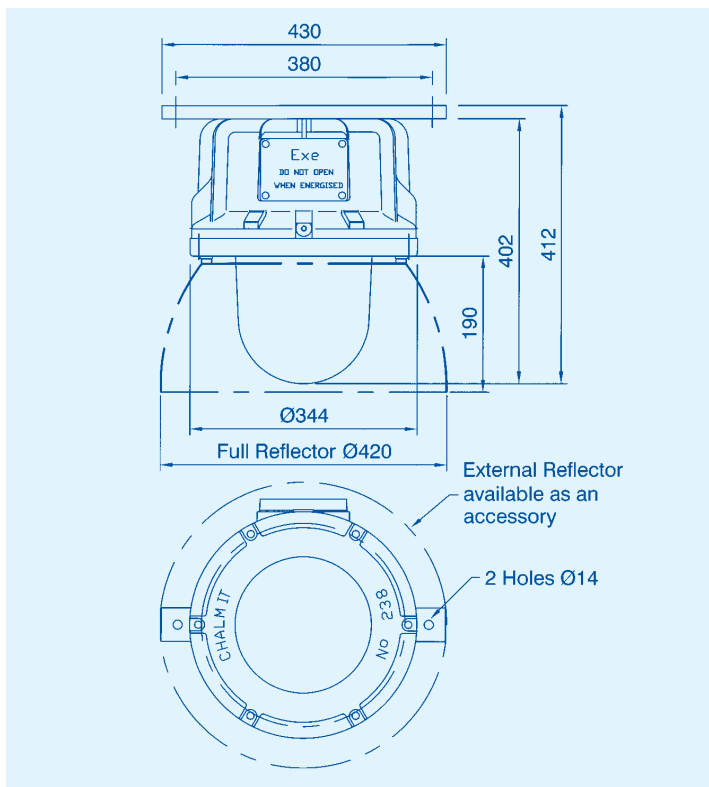
The 250W luminaires have a 70°C cable rating at ambients of 30°C

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.



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Electrical Products

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