



The 238 with external reflector



The 238 with wire guard

The 238 is a powerful and efficient wellglass that is designed for general purpose low and medium bay illumination. The luminaire has a side mounted increased safety terminal chamber eliminating the need for flameproof glands.

The wide ambient temperature range makes the 238 suitable for extreme environmental conditions.

Standard Specification

Features

Type of Protection	Ex d e (Flameproof, Increased Safety), Ex tD (Dust)
ATEX Classification	Group II Category 2 GD
Area Classification	Zone 1 and Zone 21 areas to EN 60079-10 -1 and EN 60079-10-2 with installation to EN 60079-14 and Gas Groups IIA and IIB
Certificate	EC Type Examination Certificate BAS08ATEX0177 IEC Ex BAS08.0056
Coding	Ⓔ II 2 GD Ex d e IIB Refer to table for T rating and Ambient
Enclosure	Aluminium alloy LM6 to BS 1490 (AC44100) All fastenings A4 stainless steel Toughened glass dome globe
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
Windage	0.138m ²
Control Gear	Internal copper/iron with PFC correction capacitor
Relamping	Access via front glass cover assembly
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

Installation to gas groups IIA and IIB
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

International Approvals

ATEX, GOST and CSA

IECEx Compliant

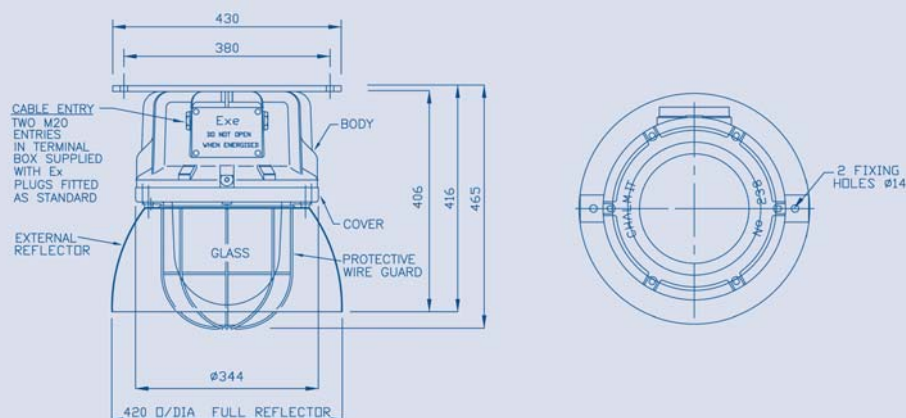
Std. Cat No.	Wattage	Lamp	Lampholder	TClass	T°C (Dust)	Ambient °C	Weight
238D/070/MS	70W	HPS and Metal Halide	E27	T4	125	-50 to +60*	17.0kg
238D/100/HS	100W	HPS	E40	T4	125	-50 to +60*	17.0kg
238D/150/MS	150W	HPS and Metal Halide	E40	T4	125	-50 to +40	18.0kg
238D/250/MS	250W	HPS and Metal Halide	E40	T3	150	-50 to +45*	20.0kg
238D/080/MV	80W	Mercury Vapour	E27	T4	125	-20 to +60*	17.0kg
238D/125/MV	125W	Mercury Vapour	E27	T4	125	-20 to +40	17.0kg
238D/250/MV	250W	Mercury Vapour	E40	T3	175	-20 to +45*	19.5kg
238D/150/GL	150W	GLS	E27	T4	130	-50 to +60*	15.5kg
238D/200/GL	200W	GLS	E27	T4	125	-50 to +50	15.5kg
238D/300/GL	300W	GLS	E27	T4	130	-50 to +40	15.5kg
238D/160/MB	160W	MBTF	E27	T3	145	-50 to +50*	15.5kg
238D/085/QL	85W	QL	QL	T5	75	-50 to +55	16.0kg
238D/070/HS/T5	70W	HPS	E27	T5	95	-50 to +40	17.0kg
238D/150/MS/T3	150W	HPS and Metal Halide	E40	T3	140	-50 to +55*	18.0kg
238D/125/MV/T3	125W	Mercury Vapour	E27	T3	135	-20 to +50*	17.0kg

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.

Note: Please specify voltage at time of enquiry/order

Options – Suffix to Catalogue No.

/120	120V QL only	/P	PTFE coating
/60	60Hz	/S	Stirrup mounting bracket
/M25	M25 cable entries	/NC	No power factor correction capacitors fitted
/TI	Timed ignitor		



Accessories should be ordered separately

Catalogue Order Code

Pole mounting bracket assembly - stirrup mounting version only (42-64mm diameter poles)	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.

