

# PYRAMID

## Ex n LOW-MEDIUM BAY

The Pyramid is designed for low and medium bay applications where a high level of illumination and low glare is required. The high technology refractor gives excellent light distribution.

The protection method is Ex nR, restricted breathing for use in ignitable gas and dusts applications. The Pyramid also has IP65 ingress protection.

The zinc coated steel body with polyester painting and the polycarbonate refractor make the Pyramid suitable for moderately aggressive locations where it can be surface mounted suspended or recessed. It is particularly suitable for mounting under canopies, in warehouses and in factories.

The Pyramid is also available with a dust cover configuration making it ideally suited for use in production areas where combustible dust (and gas) are present.



### Standard Specification

### Features

Type of Protection	Ex nR (Restricted Breathing) Dust protected enclosure
ATEX Classification	Group II Category 3 G D
Area Classification	Zone 2 and Zone 22 areas to EN 60079-10 and En 50281-3 with installation to EN 60079-14 and EN 50281-1-2
Apparatus Standard	EN 50021 EN 50281-1-1
Certificate	EC Type Examination certificate BAS01ATEX3239
Coding	Ⓔ II 3 G D EEx nR II (refer to table for T rating and ambient)
Enclosure	White polyester painted zinc coated steel body and front cover with silicone gasket and polycarbonate diffuser
Reflector	High purity anodised aluminium
Entry	2 x 20mm diameter holes
Termination	3 core 6mm <sup>2</sup> max. conductor with looping
Installation	4 x 10mm clearance holes
Lampholder	E40
Lamp Type	HPS or Metal Halide
Control Gear	Internal copper/iron ballast with ignitor and PFC correction capacitors
Relamping	Access via front cover secured by eight stainless steel screws
Ingress Protection	IP65 to EN 60529
Electrical Supply	220, 230, 240, 254V 50Hz

Zinc coated steel sheet, polyester painted for durability
Polycarbonate prismatic lens with excellent light distribution
Suspended gear tray for ease of maintenance
Simple and easy access via front cover for lamp replacement and maintenance
Excellent light distribution and uniformity up to 10 metre mounting heights
Low glare
<b>Applications</b>
Zone 2 hazardous areas
Petrochemical process areas
Petrochemical clean rooms
Warehouse lighting
Low-bay lighting
Production areas
Food process areas
Transit sheds
Distilleries
Granaries

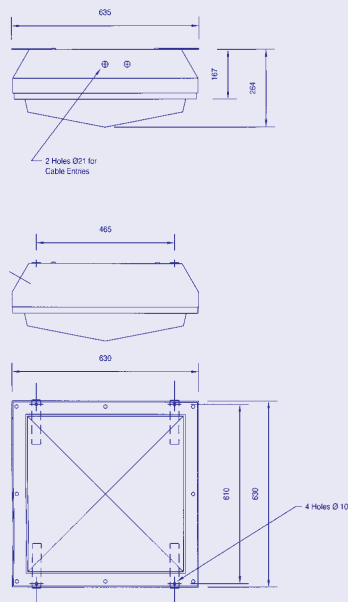
# ATEX CATEGORY 3 ZONE 2 & 22 APPLICATIONS

Std Cat No.	Wattage	Lamp	Ambient°C	T Class (Gas)	T °C (Dust)	Weight
PYMN/150/HS	150W	HPS	50	T4	130	18.5kg
PYMN/150/HS/RE	150W	HPS	45	T4	130	18.5kg
PYMN/250/MS	250W	HPS/Metal Halide	45	T4	110	19.5kg
PYMN/250/MS/RE	250W	HPS/Metal Halide	35	T4	110	19.5kg
PYMN/400/MS	400W	HPS/Metal Halide	30	T4	115	21.0kg

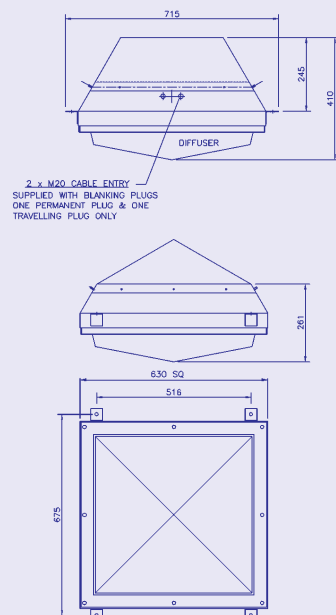
## Options - Suffix to Catalogue No.

<b>/60</b>	60Hz	<b>/RE</b>	Recessed (150 and 250W only)
<b>/25</b>	25mm cable entries	<b>/SUS/D</b>	Dust (& Gas) applications with rear dust shed
<b>/SUS/G</b>	Suspension / pendant mounting version (Gas applications only)	<b>TI/</b>	Timed cutout ignitor

### Standard Configuration



### Dust applications with rear dust shed



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