

LED Area Light Ex eb mb op is

Zones: **1** **21**

Cat: **2**

Petrel
.....
Hazardous Area Lighting Solutions

Our brand new LED Area Light is a high efficiency luminaire which boasts an impressive light output from 10,000 to 19,000 Lumens (Subject to variant).

Certified for use in Zone 1, 21 this is a modern and versatile luminaire. The high quality corrosion resistant aluminium body gives excellent durability in offshore environments, and the LED light engine provides a long service life which is virtually maintenance free.

- ✓ Low maintenance high efficiency LED light source
- ✓ High quality corrosion resistant aluminium alloy body
- ✓ Durable construction
- ✓ Long service life
- ✓ Virtually maintenance free
- ✓ Steel swivel mounting bracket
- ✓ Tempered glass lens cover



Specifications & Options



Label Marking	Ex II 2GD Ex eb mb op is IIC T4 Gb Ex II 2GD Ex tb op is IIIC T135°C Db	Certificate No.s	CML 17ATEX3027X IECEx CML 17.0018X
Zoned areas	Zones 1 & 21	IP rating	IP66 / IP67
Ambient range (max)	-40°C to +55°C		
Material	Corrosion resistant aluminium alloy with tempered glass lens		
Cable entries	2 off M20/M25 entries		
Electrical connections	Up to 4mm ² multi or single conductor		
Light source	High Efficiency LED		
Light output	Various ranging from 10,000lm @84W to 19,000lm @156W (max)		
Supply voltage (s)	220V-240V AC 50/60 Hz as standard		
Installation / Mounting	Steel swivel mounting bracket		
Control gear	Integral within the luminaire		
Dimensions	400mm x 400mm x 231mm		
Weight	11kg		

**We offer
a lighting
design
service**



THORNE & DERRICK
INTERNATIONAL
Thorne & Derrick
+44 (0) 191 410 4292
www.heatingandprocess.com

Date 15 January 2019 | Subject to technical changes

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CIRCUIT BREAKER / INRUSH CURRENT GUIDE

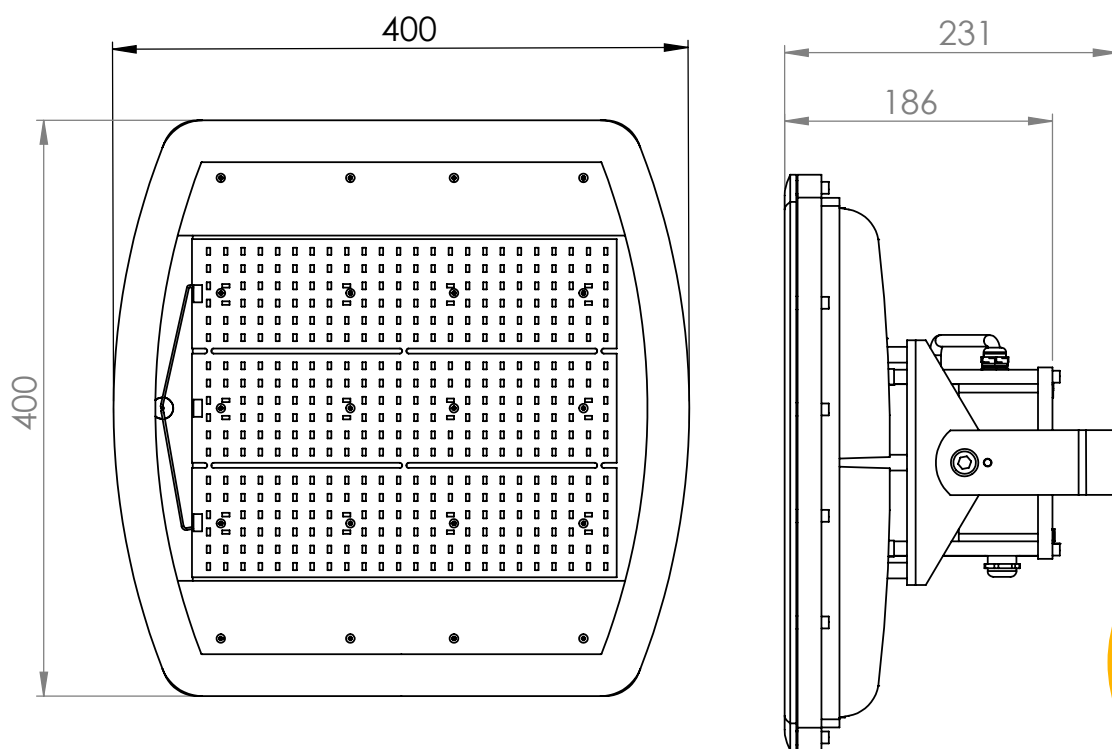
Model	typ.Ipeak	No. of Luminaires per single pole Circuit Breaker				
		Type	10A	16A	20A	25A
84W	9.2A/50 μ s	B	15	18	25	30
84W	9.2A/50 μ s	C	21	25	31	37
156W	16.2A/184 μ s	B	10	13	20	25
156W	16.2A/184 μ s	C	16	20	26	32

Supply voltage @230 VAC, mains impedance = 1ff
In case of multi-pole CB the maximum number is reduced by 20%.

The maximum number may differ depending on CB manufacturer.

Please consult the manufacturer specifications.

Circuit Breakers with C characteristics are recommended for LED lighting circuits.



Spares
and
accessories
available
Refer to main
catalogue

ORDERING INFORMATION

Part Number	Description	Light Source	Light Output	Power consumption
ALED/Z1/85	ZONE 1 AREA LIGHT	LED	10,000lm	84W
ALED/Z1/150	ZONE 1 AREA LIGHT	LED	19,000lm	156W

For safer hazardous areas call us today on



Petrel
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