

PRODUCT DATA SHEET

LED FORNAX

HAZARDOUS LUMINAIRE

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Fitzgerald 

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CAT II
ZONE 1
IP66

FIVE YEAR
5
WARRANTY

Designed to work in harsh environments the Fornax LED is an Exd and Extb certified light fitting designed for maximum light output which offer the following benefits:

- Low maintenance high output LED light source
- Energy efficient control
- Reduced energy costs with motion sensor option
- Robust, long life enclosure
- Available in 4 lengths
- Gas Zone 1 and Dust Zone 21 protection
- Emergency option available.
- Minimum operating life of LED module 50,000 hours

Application:

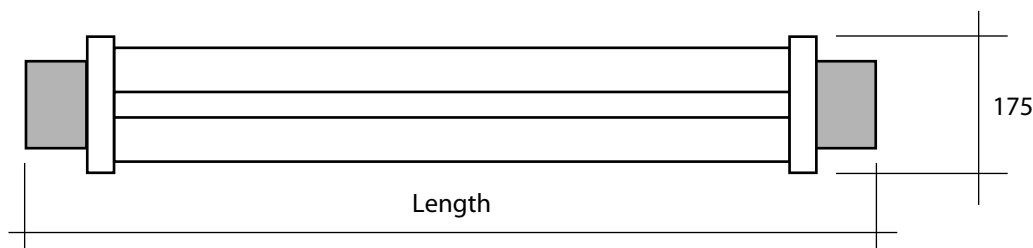
- Chemical Sites
- Factories
- Docks and Jetties
- Offshore
- Marine
- Pharmaceutical
- Paint Spray Shops
- Paper Mills
- Treatment Plants

Please note that customers should check suitability of fitting prior to ordering. List above is an example of the possible types of application.



Easy cable entry

LED FORNAX



Product Specification:

Full Certification Code

Protection type

Temperature rating

Certification standards

Certificate(s)

Suitable zoned areas

Gas group suitability

Material

Ingress protection (IP rating)

Cable Entries

Electrical connections

Light Source

Supply voltage

Installation/mounting

Relamp access

Weight

Details:

II2 GD Ex d IIC T6 Gb Ex tb IIIC T85°C Db

Ex d (flameproof & Ex tb (dust)

T6 @ Ta = 55°C

EN 60079-0,1,31 IEC 60079-0,1,31

CML14ATEX1028X

Zones 1,2,21&22

IIA, IIB, IIC

Marine grade aluminium body with high impact polycarbonate tube

IP66

4 x M20—ISO (3 plugged) as standard
Other threads available

3 wire and earth. Cable size 4mm² max
Through wiring versions available

Long life LED

30V 50/60 Hz

2 x M8 tapped holes

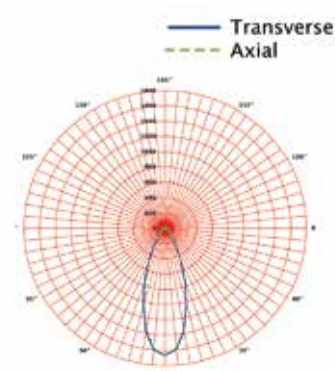
Tray assembly is replaced via threaded entry

3kg (Size 1), 4.5kg (Size 2), 7kg (Size 4), 9.5kg (Size 5).

Order Codes

LED Fornax	Watts	Lumens	Length	Dia
FP 14/CO/840	14	1475	448	175
FP 28/CO/840	28	2950	752	175
FP 56/CO/840	56	5900	1362	175
FP 71/CO/840*	71	7375	1662	175
FP 75/CO/840	75	8400	1362	175
FP 94/CO/840	94	10500	1662	175

* NOT IIC



Polar Curve:

Photometric data is available online for dialux and relux.

LED Fornax part code formula example:

Product Family	Watts	Gear Option	Colour Temp	Emergency Option
FP	28	CO	840	M3