

Installation & Maintenance Instructions

CorDEX GENESIS Intrinsically Safe lighting range



Supplied by

247cable.com

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Introducing the new **GENESIS Intrinsicly Safe lighting** range.

Powered by

EXIS +



GENESIS LANTERN

Intrinsically safe, lightweight and rugged handportable LED Lantern.

EXIS + IS **54** **1M**

INTRINSICALLY SAFE INGRESS PROTECTION THREE TIMES DROP ZONE 1 HOT SWAPPABLE



GENESIS WORKLIGHT

Intrinsically safe and rugged handportable LED Worklight.

EXIS + IS **54** **1M**

INTRINSICALLY SAFE INGRESS PROTECTION THREE TIMES DROP ZONE 1 HOT SWAPPABLE

WHY CHOOSE OUR GENESIS LIGHTING PRODUCTS?

New CorDEX Portable, Intrinsically Safe Lighting Solutions transform the market with best in class functionality, Zone 1 interchangeable battery pack and World-Renowned Ruggedness.

The CorDEX **GENESIS Portable Worklight** and **GENESIS Lantern** are ATEX certified for Zone 1 IIC T4 hazardous locations and are powered by the revolutionary EXIS 740 interchangeable, hot swappable battery pack meaning a simple change of battery right there in the hazardous area for virtually unlimited runtime.



GENESIS LANTERN

- Handportable LED Lantern
- Lightweight and rugged, IP54
- Five superbright LEDs
- Powered by interchangeable EXIS™ battery
- Intrinsically Safe

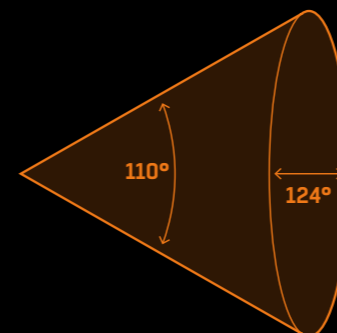


GENESIS WORKLIGHT

- Handportable LED Lantern
- Lightweight and rugged, IP54
- Five superbright LEDs
- Powered by interchangeable EXIS™ battery
- Intrinsically Safe

BEAM ANGLE

Wide coverage;
124° horizontal
x 110° vertical



LIGHTING RANGE SPECIFICATION

ATEX Certified Zone 1 IIC T4

Zone 1 Hazardous area hot swappable battery pack

Lightweight;
1.9kg (worklight)
1.1kg (lantern)
Including battery pack

Up to 3 hours runtime

Onboard battery charge status and health information available in the field

PC based Bluetooth diagnostics provides detailed battery information for maximum usability

Lighting

Lighting

GENESIS FLASHLIGHTS

- Every product in our flashlight range is manufactured from the highest quality aircraft aluminium.
- FL Series flashlights are impact resistant, shockproof and are so durable, you can even use them underwater.
- Not only are these probably the most rugged industrial flashlights on the market today, they are also Intrinsically Safe.
- Incorporating super bright, white light LEDs powered by off-the-shelf batteries, FL Series Flashlights Pack a big punch in a compact package.



DESIGNED AND TESTED TO BE RUGGED.

PRODUCTS OVERVIEW

Introducing the new intrinsically safe, lightweight and rugged GENESIS lighting range.

Lighting Product	GENESIS LANTERN (FL4700)	GENESIS WORKLIGHT (FL4725)
ATEX Certificate No.	Ex II 2 G Ex ib IIC T4 Gb (Ta = -10°C to +40°C)	Ex II 2 G Ex ib IIC T4 Gb (Ta = -10°C to +40°C)
IECEx Certificate No.	e ib IIC T4	e ib IIC T4
Runtime	Up to 3 hrs on one battery	Up to 3 hrs on one battery
Weight	1.3Kgs	2.3Kg
Dims	Box dimensions 210mm x 240mm x 104mm	Box dimensions 215mm x 235mm x 300mm
Lumens	400	400
IP Rating	54	54
Protection Type	Intrinsic Safety "ib"	Intrinsic Safety "ib"
Compliant with	EN60079-02012+A11:2013 and EN 60079-11:2012	EN60079-02012+A11:2013 and EN 60079-11:2012
Area Classification	Gas Zones 1 and 2	Gas Zones 1 and 2
Temperature Classification	T4 (T135C)	T4 (T135C)
Operating Temperature	10°C to 40°C	10°C to 40°C
Certificate (Lamps)	ExVeritas 15 ATEX 0010 X	ExVeritas 15 ATEX 0010 X
Certificate (Battery Pack)	ExVeritas 15 ATEX 0009 U	ExVeritas 15 ATEX 0009 U
LED	Five LEDs each operating at up to 1W powered by constant current driver	Five LEDs each operating at up to 1W powered by constant current driver
LED Life	25000 hours (not replaceable)	25000 hours (not replaceable)
Enclosure	Aluminium with toughened glass lighting window	Aluminium with toughened glass lighting window

Flashlight Product	FL2203	FL2210	FL2220
Dimming options	Low, Mid, High	Low, Mid, High, Strobe	Low, Mid, High, Strobe
Lumens	Low	9LM	20LM
	Mid	35LM	110LM
	High	120LM	200LM
	Strobe	N/A	9Hz
Max Runtime	Low	95Hrs	61Hrs
	Mid	6Hrs	3Hrs
	High	2.5Hrs	1Hrs
	Strobe	N/A	5Hrs
Diameter	14mm/0.55inch	23.5mm/0.93inch	23.5mm/0.93
Length	146mm/5.75inch	106mm/4.17inch	160mm/6.30inch
Weight	32g/1.13oz	70g/2.47oz(Excluding Battery)	100g/3.53oz
LED Lifespan	50000 Hours	50000 Hours	50000 Hours
Batteries required	2*AAA (not supplied)	1*AA (not supplied)	2*AA (not supplied)
IP Rating	67	67	67
Lens	Toughened ultra-clear glass lens with anti-scratch coating	Toughened ultra-clear glass lens with anti-scratch coating	Toughened ultra-clear glass lens with anti-scratch coating
Body	Aircraft-grade aluminum	Aircraft-grade aluminum	Aircraft-grade aluminum
Certification	Ex II 3 G Ex ic IIB T4 Gc	Ex II 3 G Ex ic IIB T4 Gc	Ex II 3 G Ex ic IIB T4 Gc