

INTRINSICALLY SAFE AND INDUSTRIAL LIGHTS



EXIN LIGHT.COM

ZONE 0 INTRINSICALLY SAFE PORTABLE LIGHTING



FLAMMABLE



EXPLOSIVE

TRIED & TESTED

Used and tested in the most
harsh environments



RECOGNISED

An internationally recognised
Portable Work Light

OUR INTRINSICALLY SAFE LIGHTS (ZONE 0)
ARE CERTIFIED TO THE FOLLOWING:

IECEX



ATEX



TIIS



UKEX



SUCH CERTIFICATION GIVES YOU PEACE OF MIND THAT ALL
WORKPLACE SAFETY OBLIGATIONS ARE FULFILLED. PLEASE SEE EACH
CERTIFICATE ON OUR WEBSITE WHICH IDENTIFIES WHICH LIGHT WILL
SUIT YOUR APPLICATION.



EXPLOSION PROOF SERIES



4 MODELS

EXIN LIGHT EX90L products carry T4 Classification and have been approved and certified as intrinsically safe.

The compliance to these certifications ensure that the EXIN LIGHT EX90L range is suitable and safe in areas where flammable gases and combustible dusts are present, providing your requirement is within the certified classification of the selected model.



EX90L T4 IIB 720 DS

EX90L T4 IIC 720 SS

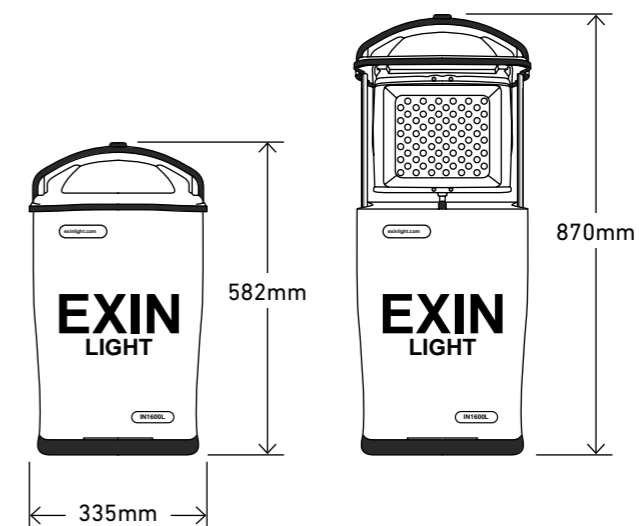
EX90L T4 IIB 1440 SS

EX90L T4 IIIC 2000 SS

SPECIFICATIONS

MODEL	EX90L IIB 720 DS	EX90L T4 IIB 1440 SS	EX90L T4 IIC 720 SS	EX90L T4 IIIC 2000 SS
Zone Rating	Zone 0 (Class I Division 1, certified for use in all Zones)			
Gas Class	IIB	IIB	IIC	IIIC
Net Weight (kg)	8.0	8.0	7.8	8.5
Gross Weight (kg)	9.0	9.0	8.8	9.5
Open Height (mm)	870			
Closed Height (mm)	582			
Width (mm)	335			
Depth (mm)	220			
Voltage AC/DC	100-240V AC/12V DC (max 1.8A)			
Battery	9.6V Rechargeable Nickel Metal Hydride (NiMH)			
Light Type	High Intensity LED			
Light Type LED	Double Sided	Single Sided	Single Sided	Single Sided
Lumens (lm)	720 (each side)	High: 1440 Low: 720	720 (single sided)	2000 (single sided)
Ingress Protection	IP65			
Ambient Temperature	(-20°C ≤ Tamb ≤ +40°C)			
Temperature Class	T4 (max 135°C)			
Charging Time (h)	7-8			
Battery Run Time Approximately (h)	Single Side: 10-12 Both Sides: 5-6	High: 10-12 Low: 20	10-12	10-12

DIMENSIONS



CONSTRUCTION

The EX90L body is constructed using an automotive resin type ABS747 making the EXIN LIGHT highly durable for use in mining, oil rigs and in industries where there could be flammable gas or another potentially explosive atmosphere. Shock absorbing rubber on both the base and lid provides added protection.

BATTERY

The battery used in the EXIN LIGHT intrinsically safe models are purpose-built encapsulated NiMH battery. It is maintenance free and is only to be charged in accordance with the instructions provided.



DOWNLOAD INSTRUCTIONS AT EXINLIGHT.COM

ZONE 0 EXPLOSION PROOF LIGHTING

EX - Range of Portable Lighting

- EX90L T4 IIB 720 DS • EX90L T4 IIB 1440 SS
- EX90L T4 IIC 720 SS • EX90L T4 IIIC 2000 SS

ATEX, IECEx and TIIS Certified

EXIN Light explosion proof products carry T4 Classification and have been approved and certified as intrinsically safe by TestSafe Australia meeting the IECEx standards, Intertek UK meeting the ATEX standards, and TIIS conforming to Japanese standards.

The Compliance to these certifications ensures that EXIN LIGHT's EX90L range is suitable and safe in areas where flammable gases and combustible dusts are present, providing your requirement is within the certified classification of the selected model.

BODY

The EX90L body is constructed using an automotive resin type ABS747 making the EXIN LIGHT highly durable for use in mining, on oil rigs and in industries where there could be flammable gas or another potentially explosive atmosphere. Shock absorbing rubber on both the base and lid provides added protection.



Australian Made & Australian Designed

BATTERY

The battery used in the EXIN LIGHT Explosion Proof Models is a purpose-built encapsulated Ni-MH battery. It is maintenance free and is only to be charged in accordance with the instructions provided.

Model	EX90L T4 IIB 720 DS	EX90L T4 IIB 1440 SS	EX90L T4 IIC 720 SS	EX90L T4 IIIC 2000 SS
Zone Rating	Zone 0 (Class I Division 1)			
Gas Class	IIB	IIB	IIC	IIIC
Net Weight (kg)	8.0	8.0	7.8	7.8
Gross Weight in box	9.0	9.0	8.8	8.8
Gross Weight w/ packaging	10.5	10.5	10.45	10.45
Open Height (mm)	880			
Closed Height (mm)	582			
Width (mm)	335			
Depth (mm)	222			
Voltage AC/DC	100-240V AC-12V DC (max 1.8A)			
Battery	9.6V Rechargeable Nickel Metal Hydride (NiMH)			
Charging Time (hrs) Approx.	7-8			
Light Type LED	Double Sided	Single Sided	Single Sided	Single Sided
Lumens (lm)	720 (each side)	High: 1440 Low: 720	720 (single sided)	2000 (single sided)
Ingress Protection	IP65			
Ambient Temperature	(-20°C < Tamb < +40°C)			
Temperature Class	T4 (max 135°C)			
Battery Run Time (hrs) approx.	Single Side: 16-18 Both Sides: 8-10	High: 8-10 Low: 16-18	12-14	10-12

















EXIN LIGHT



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