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
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.

Specifications

Model	EX90L IIB 720 DS	EX90L T4 IIB 1440 SS	EX90L T4 IIC 720 SS
Zone Rating	Zone 0 (Class I Division 1, certified for use in all Zones)		
Gas Class	IIB	IIB	IIC
Net Weight (kg)	8.0	8.0	7.8
Gross Weight, in box	9.0	9.0	8.8
Gross Weight, w/ packaging	10.5	10.5	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) Approximately	7-8		
Light Type LED	Double Sided	Single Sided	Single Sided
Lumens (lm)	720 (each side)	High: 1440 Low: 720	720 (single sided)
Ingress Protection	IP65		
Ambient Temperature	(-20°C ≤ Tamb ≤ +40°C)		
Temperature Class	T4 (max 135°C)		
Battery Run Time (hrs) Approximately	Single Side: 16-18 Both Sides: 8-10	High: 8-10 Low: 16-18	16-18