



EX SERIES

Zone 0 Explosion Proof Lighting



EXINLIGHT

By DEEPS ENGINEERING

EX90L T4 IIB 1440 SS - EX90L T4 IIC 2000 SS - EX90L T4 IIIC 2000 SS

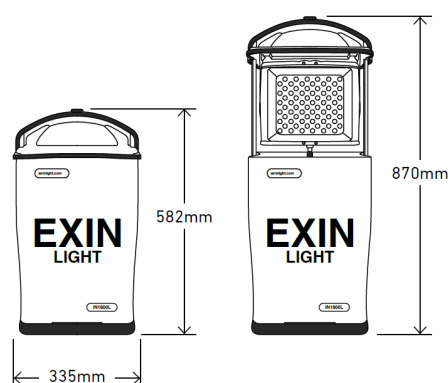
EXIN Light explosion proof products carry T4 Classification and have been approved and certified as intrinsically safe by TestSafe Australia meeting the IECEx standards, by Intertek UK meeting the ATEX & UKEX standards and the TIIS conforming to Japanese standards.

The compliance to these certifications ensures that the 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

The EX90L body is constructed using PermaStat® permanent anti-static resin which is electrically conductive making the EXIN Light highly durable for use in mining, on oil rigs and in industries where there could be flammable gas or other potentially explosive atmospheres. Shock absorbing rubber on both the base and lid provide added protection

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.

DIMENSIONS



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	EX90L T4 IIB 1440 SS	EX90L T4 IIC 2000 SS	EX90L T4 IIIC 2000 SS
Zone Rating	Zone 0 (Class Division 1, certified for use in all Zones)		
Gas/Dust Class	IIB Ethylene & Propane	IIC Hydrogen & Acetylene	IIIC Explosive Dust
Gross Weight (kg)	8.7	8.5	8.8
Net Weight (kg)	8.0	7.8	8.2
Open Height (mm)	880		
Closed Height (mm)	580		
Width (mm)	335		
Depth (mm)	220		
Voltage AC/DC	110-250V AC - 12V DC (max 1.8A)		
Battery	9.6V Rechargeable Nickel Metal Hydride (NiMH)		
Light Type	High Intensity LED		
Light Head	Single Sided	Single Sided	Single Sided
Lumens	Low: 720 High: 1440	2000	2000
Ingress Protection	IP65		
Rated Ambient Temp.	-20°C ≤ T amb ≤ +40°C		
Temperature Class	T4 (max 135°C)		
Charging Time (hrs)	7-8		
Battery Run Time (hrs)	Low: 16-17 High: 8-9	11-12	11-12

