sales@exlightsourcing.com · WhatsApp +86 147 7624 7782
www.exlightsourcing.com



HZ7106C

Explosion-Proof Searchlight with Laser and UV

Adds a 90 mW laser pointer and a 365 nm UV lamp for finding oil leaks.

Ex db ia IIC T6 Gb

Ex Explosion protected, built to the IEC 60079 standards
db Flameproof enclosure: an internal ignition cannot escape
ia Intrinsically safe circuit, safe even with two faults
IIC Gas group IIC: hydrogen, acetylene and all IIA and IIB gases
T6 Surface temperature never above 85 °C
Gb High protection, for Zone 1 and Zone 2

Specifications

Ex marking	Ex db ia IIC T6 Gb
Ingress protection	IP66 / IP68 (2 m, 1 h)
Light source	12W spot + 2 × 6W flood LED
Laser	90 mW
UV light	12W, 365 nm
Battery	22.2 V, 2.5 Ah
Runtime	Spot high ≥5 h, work ≥10 h; UV ≥6 h
Charging time	≤6 h
Dimensions	Ø70 × 195 mm
Weight	1386 ± 10 g

Features

- Laser pointer for marking targets
- 365 nm UV shows oil and fluid leaks

Industries: Oil, Gas & Petrochemical, Railway & Power Utilities

OEM: Logo, housing colour, packaging and manual under your brand.