



The Irvine offers robust, ATEX rated, hazardous area LED illumination. Its superior resistance to harsh environments makes it widely suitable in petroleum, chemical, aerospace, aviation, military, processing and other industrial environments.

- Gas explosive environment: Group IIA, IIB, IIC
- Zone 1, Zone 2; Zone 21, Zone 22
- Temperature class: T1 to T6
- Mounting options: ceiling, pole, or wall.
- Separate wiring chamber; for safe and simple installation and maintenance.
- Standard CCT: 5000K (6000K available).

DIVISIONS

Ex de op is IIC T5 Gb

Ex op is tb IIIC T95 °C Db

STANDARDS

EN 55015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 60079-0	Explosive atmospheres – Part 0: Equipment – General requirements
EN 60079-1	Explosive atmospheres – Part 1: Equipment protection by flameproof enclosures 'd'
EN 60598-1	Luminaires – General requirements
EN 60598-2-1	Luminaires – Fixed General Purpose
EN 61000-3-2	Electromagnetic compatibility (EMC) – Part 3-2: Limits – for harmonic current emissions
EN 61000-3-3	Electromagnetic compatibility (EMC) – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems
EN 61547:2009	Equipment for general lighting purposes.
2002/96/EC	Waste Electrical & Electronic Equipment (WEEE)
2011/65/EU	Restriction of the use of certain Hazardous Substances in EEE (RoHS)

Wattage (w)	20	50
Lumens (lm)	1800	4500
Luminaire Efficacy	90	
Colour Temp (K)	5,000	
CRI	80	
IP Rating	66	
Length (mm)	780	1390
Ambient Temp (°C)	-40 to +55	
Net Weight (kg)	6.6	10.7
UK Warranty (yrs)	3 std. / 5 ext.	

