



### Application:

- Widely used for illumination on various marine platforms, chemical tankers, LNG ships, and hazardous cargo wharves.
- Can reliably work in severe environments exposed to moisture, vibration, or corrosion.
- Suitable for explosive hazardous atmospheres in Zone 1, Zone 2, Zone 21, and Zone 22.

### Technical parameters:

- **Conformity to standards:** IEC60079, EN60079, CCS standards
- **Ambient temperature:** -40°C to +55°C
- **Lamp source:** LED
- **Degree of protection:** IP66
- **Corrosion-proof:** WF2
- **Cable entry:** 2 × M25 × 1.5
- **Terminal:** 3 × 1.5~4mm<sup>2</sup>

### Selection table:

Type	Rated voltage (V)	Rated power (W)	Ex-Mark	Weight (kg)
BDD95-90-60K	220V / 230V 50/60Hz	60W	<div style="border: 1px solid black; padding: 5px; text-align: center;">  II 2 G Ex db e II C T □<sup>1)</sup> Gb   II 2 D Ex tb III C T □<sup>1)</sup> Db IP66            See Selection Table         </div>	8.10
BDD95-90-90K		90W		8.10
BDD95-120-120K		120W		11.70
BDD95-160-160K		160W		11.70

### Notes:

1. The light fitting is supplied without lens. If a lens is required, please specify when ordering.
2. The light fitting is available in spot and floodlight configurations. If spotlighting is needed, please specify when ordering.

**Ex-Mark Selection Table:**

Rated power (W)	Temperature classification		Temperature classification	
	(-40°C ≤ Ta ≤ +40°C)		(-40°C ≤ Ta ≤ +55°C)	
	Gas	Dust	Gas	Dust
60W	Gas: 67°C (T6)	Dust: 77°C	Gas: 82°C (T5)	Dust: 77°C
90W	Gas: 72°C (T6)	Dust: 82°C	Gas: 102°C (T4)	Dust: 97°C
120W	Gas: 72°C (T6)	Dust: 82°C	Gas: 107°C (T4)	Dust: 102°C
160W	Gas: 87°C (T5)	Dust: 82°C	Gas: 107°C (T4)	Dust: 102°C