

**binay**  
**Flameproof/Explosion-proof Luminaire**  
**For Lighting in Hazardous Areas**

***BINAY PowerLED Luminaire in certified flameproof/explosion-proof housing***

The **BINAY FP-IIB-TL-12L flameproof PowerLED luminaire** is a (certified) flameproof/explosion-proof PowerLED luminaire unit, and is designed as a replacement for the conventional 4' (36W/40W) fluorescent tube light fitting.

This luminaire is suitable for Gas Group I IIA/IIB, and is designed to be suspended from the ceiling. Total wattage including that of its inbuilt LED Driver is 16 watts (in contrast to conventional 4' tube light fitting, which will have a power consumption of 60W with ferromagnetic ballast, or 40W with electronic ballast).

Our product does not use small-chip (SMD/5mm/4-leg) LEDs, but is designed with high-illumination Power LEDs which have a life of 50,000hours to 100,000 hours.

**Effective delivered lumens is similar to or greater than that of a 1x36W fluorescent tube.**

The product is covered under warranty of 3 years (normal life 12-15 years).



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