POLYMATECH CoB · 30 MM PLATFORM

UV-A 385 nm CoB

Ultraviolet chip-on-board LED for OEM integration

30 × 30 MM PACKAGE | 17 MM EMITTING SURFACE | 385 NM

Overview

A UV-A chip-on-board LED on the Polymatech 30 mm platform for qualified equipment manufacturers. Each configuration has its own controlled optical, electrical, thermal and safety specification.

Platform characteristics

Order code	FL02COB3030
Product focus	385 nm UV-A emission
Package outline	30.00 × 30.00 × 1.00 mm
Light-emitting surface	17.00 mm diameter circular emitting area
Substrate / thermal path	Aluminium base with electrically isolated thermal path
Mounting reference	Two 3.00 mm holes on the diagonal; M4 screw reference assembly
Thermal resistance	2 °C/W junction-to-case, design value; system thermal validation required
Drive method	Regulated constant-current drive; configuration-specific limits apply
Manufacturer	Polymatech Electronics Limited, India
Country of manufacture	India

Configuration selection

Parameter	Release position
Wavelength / spectral width	Configuration-specific; confirmed in the controlled specification
Radiant output / efficiency	Configuration-specific; no lumen or lm/W claim is made
Safety classification	Determined at system level by the OEM

Typical application areas

UV curing · Fluorescence excitation · Inspection and forensic equipment · Industrial process systems

IMPORTANT UV radiation can injure eyes and skin. The OEM must provide shielding, interlocks, warnings and a system-level risk assessment.

Ordering and design-in

Before design-in or order acceptance, obtain the current configuration-specific specification covering ordering code, wavelength or CCT/CRI, electrical limits, optical or radiant output, test conditions, thermal requirements and applicable compliance declarations. Configuration-specific values are released against the approved quotation or order specification.

Enquiries

sales@polymatechworld.com · www.polymatechworld.com · Configuration-specific specifications on request