UV-A CoB SERIES

Ultraviolet component platform for OEM integration

Polymatech®

UV-A / NEAR-UV

30 x 30 mm PACKAGE	17 mm EMITTING SURFACE	COMMON MECHANICAL PLATFORM

SERIES OVERVIEW

A 30 mm chip-on-board UV-A emitter platform for qualified OEM system development. Each wavelength configuration requires its own controlled optical, electrical, thermal and safety specification.

PLATFORM CHARACTERISTICS	GENERAL SERIES INFORMATION
Series focus	UV-A and near-UV wavelength configurations
Package outline	30.00 x 30.00 x 1.00 mm
Light-emitting surface	17.00 mm 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 deg C/W, junction-to-case design value; system thermal validation required
Drive method	Regulated constant-current drive; configuration-specific limits apply

CONFIGURATION SELECTION

PARAMETER	RELEASE POSITION
Wavelength / spectral width	Configuration-specific; separate ordering definition required
Radiant output / efficiency	Configuration-specific; no lumen or lm/W claim is made
Safety classification	Determined at system level by the OEM; no risk-group claim is made here

TYPICAL APPLICATION AREAS

Industrial curing and process equipment | Inspection and fluorescence systems | Qualified OEM ultraviolet equipment

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

ORDERING AND DESIGN-IN

Before design-in or order acceptance, obtain the current configuration-specific controlled specification covering ordering code, wavelength or CCT/CRI, electrical limits, optical output, test conditions, thermal requirements and applicable compliance declarations.

DOCUMENT STATUS USA Website Release | Rev270826 | 27 August 2026 | General series information; not a guaranteed configuration specification.