

UV-C 270 nm CoB SERIES

UV-C component platform for qualified OEM systems



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

A 30 mm chip-on-board UV-C emitter platform intended solely for integration by qualified equipment manufacturers. Radiant output, dose delivery and application efficacy depend on the selected component, optics, drive, thermal design, distance, exposure time and complete system validation.

PLATFORM CHARACTERISTICS	GENERAL SERIES INFORMATION
Series focus	270 nm-class UV-C emission family
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
Radiant output / spectrum	Configuration-specific and stated only in the controlled product specification
Electrical rating	Configuration-specific; no overdrive capability is stated
Efficacy / dose / safety	Must be established and validated for the complete OEM system

TYPICAL APPLICATION AREAS

OEM UV-C equipment development | Laboratory and industrial irradiation systems | Validated component-integration programmes

IMPORTANT	No sterilisation, disinfection, pathogen-reduction, dose or photobiological risk-group claim is made by this component sheet. UV-C exposure can cause serious eye and skin injury.
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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.