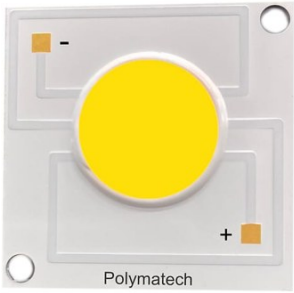
POLYMATECH CoB · 30 MM PLATFORM

Warm White CoB

White-light chip-on-board LED

30 × 30 MM PACKAGE | 17 MM EMITTING SURFACE | 2700–3500 K



Overview

A white-light chip-on-board LED on the Polymatech 30 mm platform for luminaire manufacturers requiring a compact, uniform light source. Colour temperature and colour rendering are confirmed against the agreed ordering specification.

Platform characteristics

Order code	FL18COB3030
Product focus	Warm White configuration
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	AEIM Pte. Ltd., Singapore
Country of manufacture	Singapore

Configuration selection

Parameter	Release position
CCT / colour rendering	2700–3500 K; colour rendering confirmed per order
Light output / efficacy	150 lm/W; confirmed in the configuration-specific specification
Electrical rating	Configuration-specific; use only the approved constant-current drive condition

Typical application areas

Hospitality, residential, decorative, retail and architectural lighting

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

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