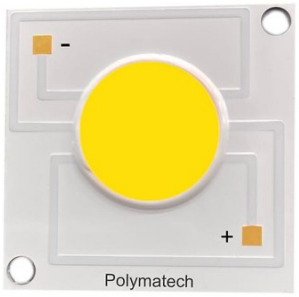
POLYMATECH CoB · 30 MM PLATFORM

Surgical White CoB

White-light chip-on-board LED

30 × 30 MM PACKAGE | 17 MM EMITTING SURFACE | SURGICAL WHITE



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	Surgical 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	Polymatech Electronics Limited, India
Supplied in the United States by	Nisene Technology Group, Inc., Watsonville, California

Configuration selection

Parameter	Release position
CCT / colour rendering	Confirmed per order (CCT/CRI)
Light output / efficacy	Defined in the configuration-specific specification
Electrical rating	Configuration-specific; use only the approved constant-current drive condition

Typical application areas

Specialised illumination applications for equipment manufacturers, including examination and surgical lighting systems

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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