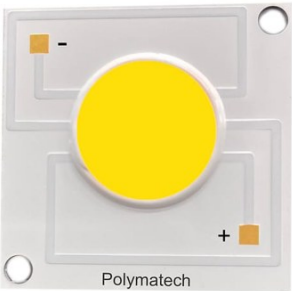


POLYMATECH CoB · 30 MM PLATFORM

# Soft White CoB

White-light chip-on-board LED

- 30 × 30 MM PACKAGE
- 17 MM EMITTING SURFACE
- 3000–4000 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            | Soft 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                                     |
| Country of manufacture   | India                                                                     |

## Configuration selection

| Parameter               | Release position                                                               |
|-------------------------|--------------------------------------------------------------------------------|
| CCT / colour rendering  | 3000–4000 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

Residential, office, retail, hospitality, decorative 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

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