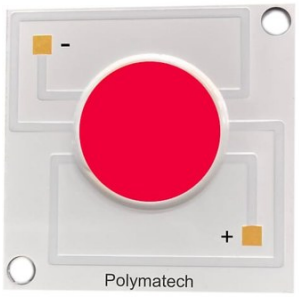
POLYMATECH CoB · 30 MM PLATFORM

Red + IR CoB

Combined red and infrared chip-on-board LED

30 × 30 MM PACKAGE | 17 MM EMITTING SURFACE | RED + IR



Overview

A combined red and infrared chip-on-board LED on the Polymatech 30 mm platform. Wavelengths, channel ratio, radiant output and drive condition are defined for each configuration and released against the order specification.

Platform characteristics

Order code	FL18COB3030
Product focus	Combined red and infrared channels
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
Wavelengths / channel ratio	Configuration-specific; values on request
Radiant output	Configuration-specific; values on request
Electrical rating	Configuration-specific; constant-current drive required

Typical application areas

Horticulture and photobiology lighting · Multi-spectral OEM systems · Research and development programmes

IMPORTANT Configuration-specific optical and electrical values for this product are provided on request.

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@nisene.com · 831-761-7980 · www.nisene.com · Specifications on request