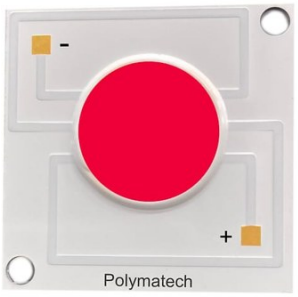
POLYMATECH CoB · 30 MM PLATFORM

Horticulture Red CoB

650 nm-class red-emission chip-on-board LED

30 × 30 MM PACKAGE | 17 MM EMITTING SURFACE | 650 NM CLASS



Overview

A red-emission chip-on-board LED on the Polymatech 30 mm platform for horticulture-lighting manufacturers. Wavelength, radiant output and photon-flux values are established for each selected configuration.

Platform characteristics

Order code	FL18COB3030
Product focus	650 nm-class red emission
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
Peak wavelength / FWHM	Configuration-specific; confirmed in the controlled specification
Radiant / photon flux	Configuration-specific; no lumen-based horticulture claim is made
Electrical rating	Configuration-specific; constant-current drive required

Typical application areas

Horticulture, greenhouse, vertical-farm and indoor-farm lighting · Plant growth and flowering · Controlled-environment agriculture

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