

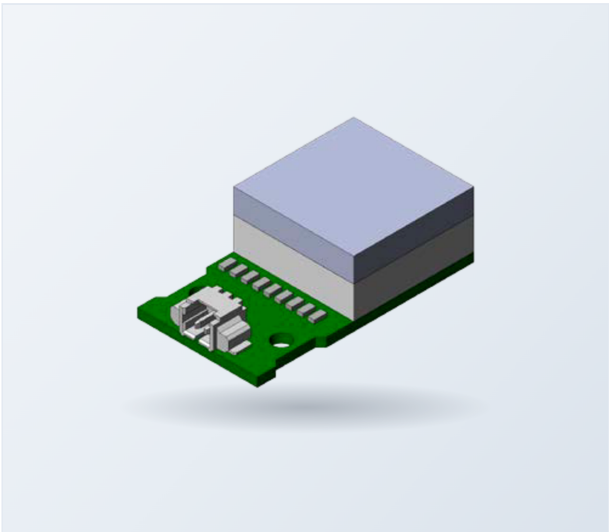
Light Source, IR 15×15

PCB-990

The **PCB-990** is a compact near-infrared light source developed for testing sensors and cameras on mobile devices.

It produces 850 nm (typ.) infrared illumination from a 15×15 mm emitting surface, suitable for proximity sensor, IR camera, and face recognition sensor testing.

Intended for high-volume production, R&D laboratories, service centres, and test laboratories.



SPECIFICATIONS

Supply voltage	12 V
Supply current	90–91 mA, typ. 90.5 mA
Power consumption	typ. 1.09 W
Operating temperature	+20...+40 °C
Storage temperature	–20...+85 °C
Relative humidity	15–95 % non-condensing
Compliance	RoHS
Dimensions (L×W×H)	27 × 15 × 8.4 mm (1.06 × 0.59 × 0.33 in)

RELATED PRODUCTS

EM052157-3	Light Source, White 15×15
MA005613	Light Source, White + IR 15×15
MA009873	Ambient Light Source

Contact sales@bluelec.com for calibration options and custom light source solutions.

OPTICAL SPECIFICATION

Peak wavelength ¹	850 nm (typ.)
Spectral bandwidth ¹	45 nm (typ.)
Radiant intensity ¹	0.2–0.7 mW/sr
Light-emitting surface	15 × 15 mm (0.59 × 0.59 in)

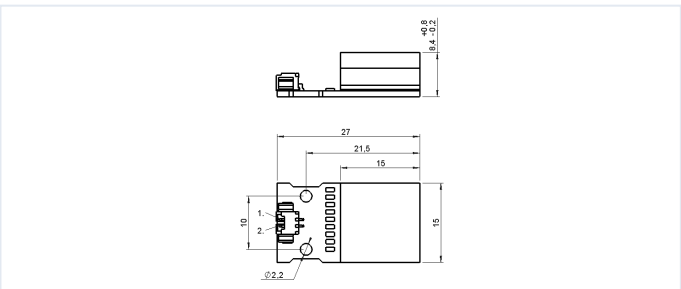
¹ Of the assembled light-emitting diode.

MOUNTING & INTERFACE

Power connector	Molex 53261-0271
Pin 1	Vcc
Pin 2	GND

DIMENSIONS

mm



3D CAD models available on request via sales@bluelec.com