

Light Source (IR 15x15)

PCB-990

1 ELECTRICAL SPECIFICATION

Parameter	Minimum	Typical	Maximum	Units
Supply voltage	12	12	12	V
Supply current	90	90.5	91	mA
Power consumption	1.08	1.086	1.092	W
Operating temperature	+20	+25	+40	°C
Storage temperature	-20		+85	°C

2 OPTICAL SPECIFICATION

Parameter	Minimum	Typical	Maximum	Units
Peak Wavelength ¹		850		nm
Spectral Bandwidth ¹		45		nm
Light emitting surface		15 x 15		mm
Radiant Intensity ¹	0.2	0.7		mW/sr

Notes: ¹ Of the assembled light emitting diode

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

Connector:
MOLEX 53261-0271
Pin 1 = Vcc
Pin 2 = GND

