

PCB 12 led 1W RGB RJ45

Congratulations on having purchased a **Coemar** product. You are assured of owning a product of the highest quality and utilising the best componentry and latest technology.

General information

The level of technology inherent in the **PCB 12 Led** requires specialised personal; please refer to your authorised **Coemar** service centre for any maintenance issues.

Fire prevention

1. Do not install the device on flammable surfaces.
2. Minimum distance from flammable materials: 0,1 m.
3. Minimum distance from the closest object being illuminated: 0,1 m.

Preventing electric shock

1. Do not handle the product with wet hands or in a wet environment.
2. The fixture should never be located in an exposed position, or in areas of extreme humidity.

Safety

1. Always install the projector using bolts, clamps or any other support structures rated to take the weight of the product.
2. Never install the projector in an environment lacking constant ventilation or where the ambient temperature exceeds 35°C.
3. The external surfaces of the projector, in specific positions, may exceed 70°C. Never touch the surface until at least 10 minutes has elapsed since the leds have been switched off.

Warranty conditions

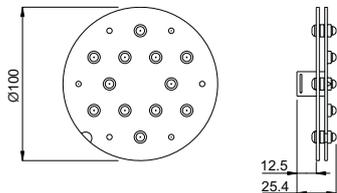
1. The fixture is guaranteed for a period of 12 from the date of purchase against manufacturing or materials defects.
2. The warranty does not extend to damage caused by inappropriate usage or use by inexperienced operators.
3. The warranty is immediately void if the projector has been operated or dismantled by unauthorised personnel.
4. The warranty does not extend to fixture replacement.
5. The serial number of the projector is required for any advice or service from your authorised Coemar service centre.

CE norms

The projector meets or exceeds all applicable CE requirements.

Installation

Dimensions (mm)



Mechanical installation

PCB 12 Led may be installed only in closed environments or in external installations where it is protected from direct weather. It may be installed on the ground, suspended or ceiling mounted in any position.

Main supply

PCB 12 Led is provided with a connector RJ45. The connection must be done following to this table.

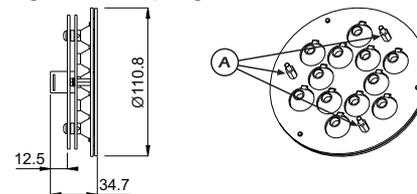
Pin 1	N.C.
Pin 2	N.C.
Pin 3	Green-
Pin 4	Blue+
Pin 5	Blue-
Pin 6	Green+
Pin 7	Red-
Pin 8	Red+

The channels have to be supplied through a constant current generator that must provide max 350 mA per channel.

Accessories

Optional optics from 12° to 30° beam angle are also available.

In the following picture there are the max sizes (mm) of **PCB 12 Led** with the lens optional kit applied. The optical groups are supplied with 3 fixing pins "A" which have to be inserted in the **PCB 12 Led** holes and then stopped through the nut in the package. Be sure that the led are well inserted in the lens site.



To connect more **PCB 12 Led** it's available a **RJ45 Led Hub** (Coemar cod. E032) that allows a fast and easy serial connection of led.

Coemar provides also the optional connecting cables of various sizes and ready to be used: CV260 (1m), CV261 (5m), CV262 (10m).

Technical specifications

Max current	350mA x Ch
Max power	12W
Maximum temperature	70°C
Ambient temperature min / max	-15 / +35°C

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