

SL POF Power LED

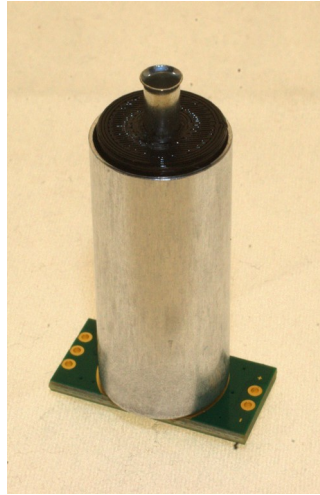
Description:

A power LED operating at 350mA current couples light to an internal light mixing fiber with 3mm diameter. The fiber endface is butt coupled to a single fiber or fiber bundle with an outside ferrule diameter of up to 3.5mm. All fibers placed inside the 3mm diameter are illuminated homogeneously. A crimp to the protruding ferrule fixes the connected fiber.

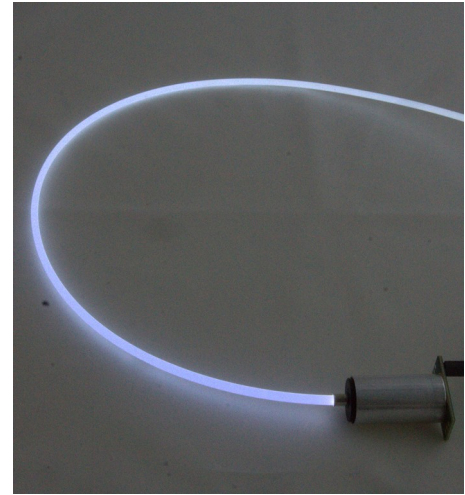
The module's aluminium housing serves as heat sink and makes the use of metal core PCB redundant.

The device is available with white, red (630nm or 660nm), green (520nm) and blue (460nm) power LED (40mil chip size).

On request a water dense version protecting the electronic parts from outside water is available.

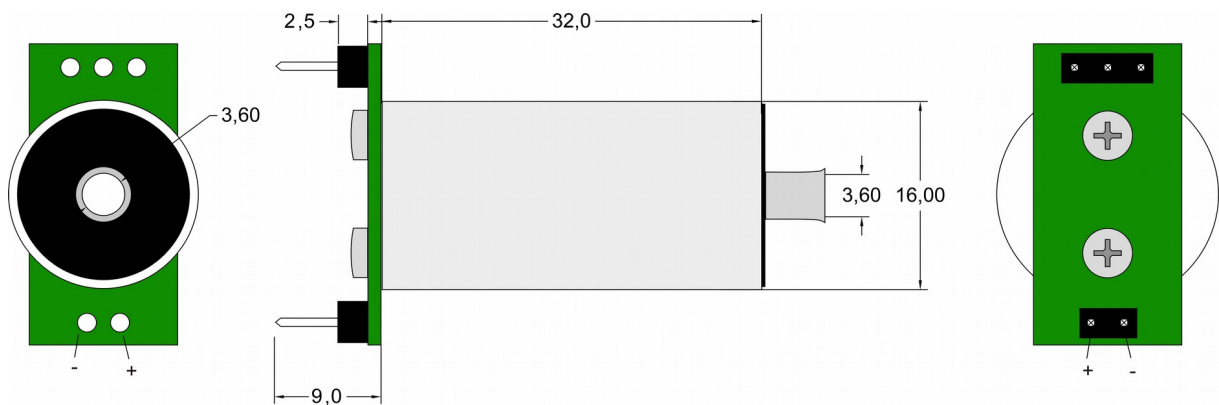


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SL POF Power LED in operation with 3mm SL POF

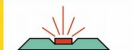
Mechanical dimension:



Applications:

- Illumination of thick optical fibers with diameter up to 3mm in ferrules with up to 3.6mm diameter
- Illumination of fiber bundles with active diameters up to 3mm
- Illumination of side light fibers SL POF up to 3mm diameter

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