

Dual SL POF Power LED

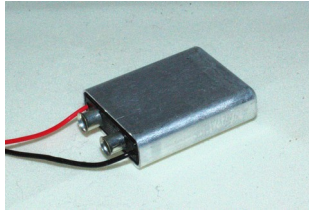
Description:

2 power LED each operating at 200mA current couple light to internal light mixing fibers 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.

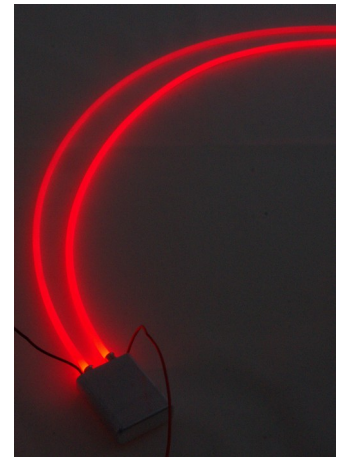
The module's aluminium housing serves as heat sink and makes the use of metal core PCB redundant. Due to its flat shape, it can be integrated into textile objects.

Both LEDs are connected in series. 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.

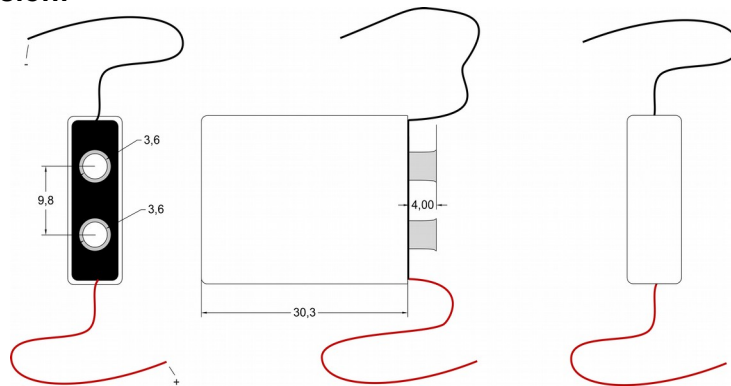


Dual SL POF Power LED



Dual SL POF Power LED in operation with 2 fibers of typ 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

DieMount GmbH



Giesserweg 3, D- 38855 Wernigerode

www.diemount.com, phone: + 49 (0) 3943 6259760, fax: +49 (0) 3943 6259759, e-mail: info@diemount.com