



# FEASA™ OPTICAL HEAD

## LED INTENSITY TESTING

### THE ULTIMATE SOLUTION TO LED INTENSITY ISSUES



OH-2 Optical Head



OH-3 / OH-5 / OH-6 Optical Head



OH-4 Optical Head

The Feasa Optical Heads have been designed to ensure stability when testing the intensity of LEDs. The robust and compact design delivers consistent and repeatable readings with a <10% intensity change over a 1mm placement of the LED. The Optical Head addresses the following issues:

- **Compensation for LED Placement**
- **Repeatable Intensity Readings**
- **Reduced sensitivity to ambient light**

- OH-1:** This can be used when LEDs are located as close as 3.55mm centre to centre on a PCB.
- OH-2:** This can be used when there are fixturing height restrictions as it is only 25mm in length.
- OH-3:** Our standard Optical Head and is suitable for most applications with a centre to centre distance of 5mm.
- OH-4:** Ideal for testing 90° or side emitting LEDs.
- OH-5:** Is used when LEDs are as close as 4.00mm centre to centre on a PCB.
- OH-6:** Has a large diameter, 8.00mm and is used with large diameter LEDs. Designed for testing High Brightness LEDs and LEDs with a large diameter, particularly suitable for Daytime Running Lights.
- OH-7LT:** Is designed to be used in an oven with the LED Life Tester. The temperature range of this Optical Head is -65°C to +125°C.
- OH-8IR:** Is designed to test the Intensity of Infrared LEDs in conjunction with the IR LED Analyser.
- OH-9:** All plastic components mean this Optical Head is suitable for use in RF environments.

The typical gap between the LED being tested and the Optical Head is between 3mm and 5mm but may vary significantly depending on the application.



Feasa Enterprises Ltd.

Castletroy • Limerick • Ireland

Telephone: + 353 61 330333 - Fax : + 353 61 330452 - Website: [www.feasa.ie](http://www.feasa.ie)

Registered Office: Feasa Enterprises Limited, Holland Road, National Technology Park, Castletroy, Co.Limerick, Ireland.  
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### SPECIFICATIONS & ORDERING INFORMATION

#### Optical Head LED Analyser

Part No.	Dimensions (Outer Diameter)	Length/Height	Distance Centre to Centre
OH-1	3.05mm	40.00mm	3.55mm
OH-2	4.55mm	25.00mm	5.00mm
OH-3	4.55mm	50.00mm	5.00mm
OH-4	4.55mm	59.00mm	5.00mm
OH-5	3.55mm	49.00mm	4.00mm
OH-6	8.00mm	50.00mm	9.00mm
OH-9	6.50mm	50.00mm	7.00mm

#### Optical Head LED Life Tester

Part No.	Dimensions (Outer Diameter)	Length/Height	Distance Centre to Centre
OH-7LT	4.55mm	39.00mm	5.00mm

#### Optical Head IR LED Analyser

Part No.	Dimensions (Outer Diameter)	Length/Height	Distance Centre to Centre
OH-8IR	4.55mm	50.00mm	5.00mm

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