FEASA™ OPTICAL HEAD Overview

The Feasa Optical Head has been designed to reduce the placement sensitivity of LEDs when using the Feasa LED Analyser.
The Feasa Optical Optical Head has the ability to capture LED light and focus it onto the Optical Fiber.
The position of the LED relative to the fiber can vary and have negligible effect on the relative intensity measured.
A single Feasa Optical Head is required for each LED to be tested and up to 20 heads can be fitted to a LED Analyser.

Key Features

Improved Intensity Stability.

Greater ability to compensate for LED offset.

Small focused collection angle.

Rugged Compact Design.

Designed to test dim LEDs and high Intensity LEDs.

Reduced sensitivity to ambient light.

Feasa Enterprises Ltd.
Castletroy • Limerick • Ireland
Telephone: + 353 61 330333 - Fax : + 353 61 330452 - Website: www.feasa.ie

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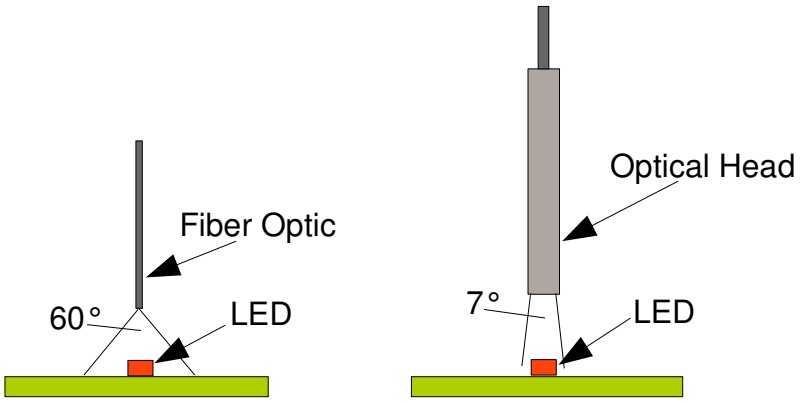
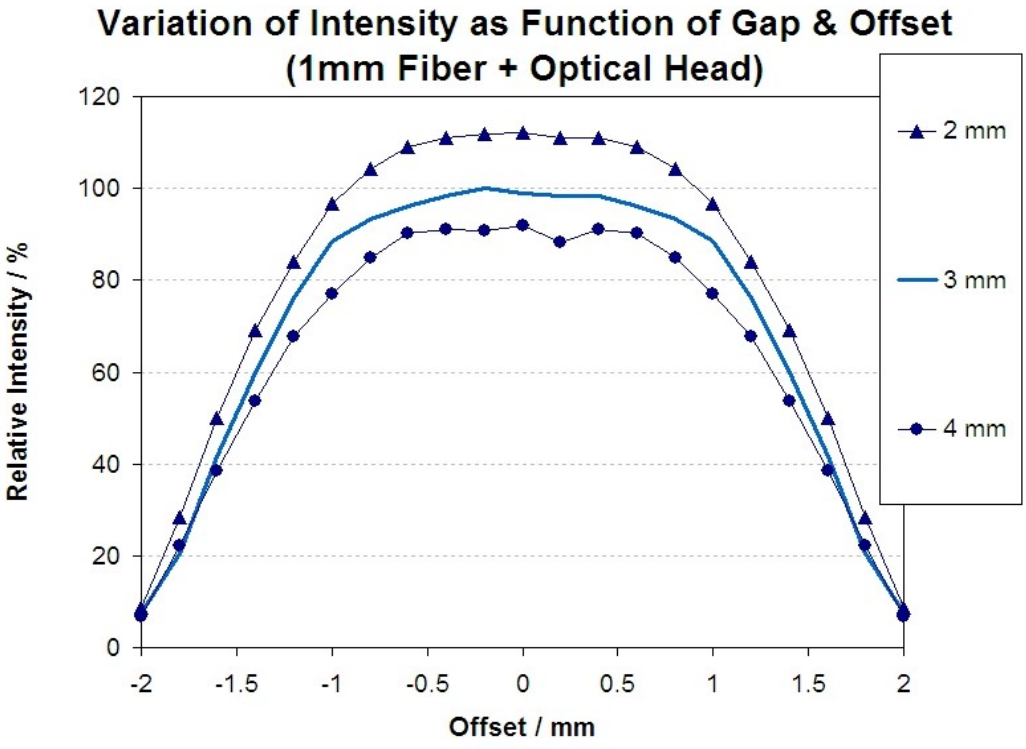


The Feasa Optical Head collects light from a much smaller angle by comparison to using bare Fiber on its own. This has the added benefit of reducing the amount of stray light entering the Fiber. The light is then focused on to the end of the Fiber and carried to the Sensor in the Feasa LED Analyser.



Response of LED Analyser with an Optical Head. Data based on KPTB1615 LED.

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Registered Office: Feasa Enterprises Limited, Holland Road, National Technology Park, Castletroy, Co.Limerick, Ireland.