



## Overview

### RiGO801 near-field goniophotometer series

high precision measurement systems

[TechnoTeam.de](http://TechnoTeam.de)



## Introduction

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**TechnoTeam Bildverarbeitung GmbH**  
**Werner-von-Siemens-Straße 5**  
**98693 Ilmenau**  
**Germany**  
<http://www.technoteam.de>



**Knut Bredemeier**  
**Developing Engineer – Near-field goniophotometer**  
[knut.bredemeier@technoteam.de](mailto:knut.bredemeier@technoteam.de)



## TechnoTeam competence

- ❖ Imaging light and colour measuring technique
- ❖ Goniophotometer for measuring far- and near-field distributions (ray data)
- ❖ Industrial image processing (Hardware development and applications)





## RiGO801 near-field goniophotometer

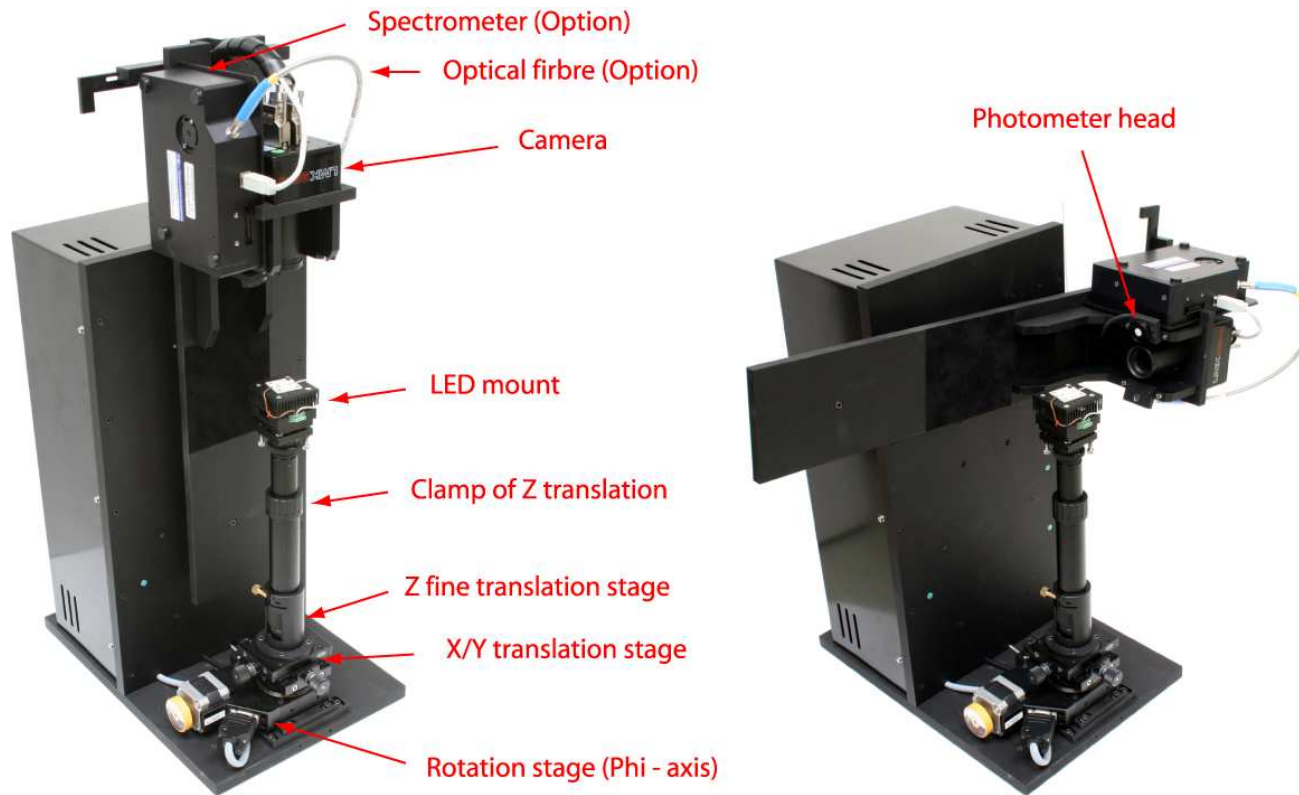
- ❖ Use of a CCD luminance camera to measure ray data (light field)
- ❖ Calculation of the far-field luminous intensity distribution (LID) from ray data
- ❖ Photometer sensor for precise measuring of the luminous flux but also the LID of small test objects (outside minimum photometric distance) can be measured





## RiGO801 – LED

### Measuring ray sets of LEDs and small lamps







## RiGO801 – Lamps

### RiGO801 near-field goniophotometer for measuring ray sets of lamps and small luminaires

- ❖ Measuring object not moved
- ❖ Horizontal and vertical alignment due to swivel-mounted goniometer
- ❖ Two sided lamp holder possible

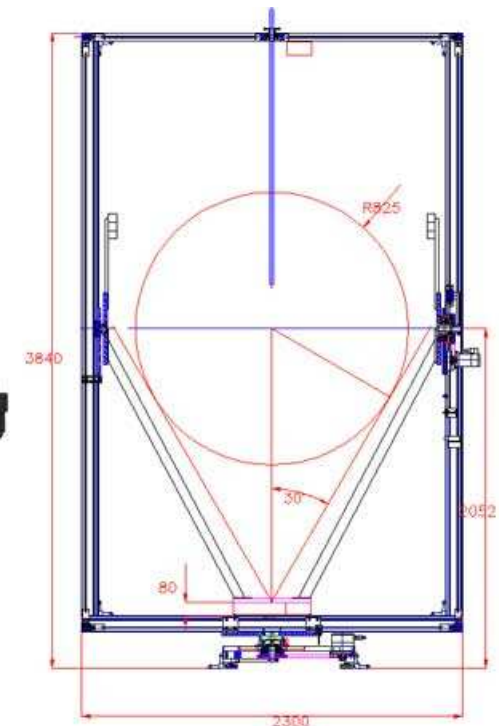




## RiGO801 – Luminares

### Measuring luminous intensity distribution of large luminaires

- ❖ Relative small and lightweight construction
- ❖ Measuring object not moved
- ❖ Hanging and upstanding support
- ❖ Small light sources are measured directly by using the illuminance meter



(Maße als Beispiel einer konkreten Konstruktion)