

# Multiple Filter Unit

Automatic Filter changer integrated into lamp housing  
for up to 8 light reducing-, color- or spectral-filters  
Optional lamp distance control by software



Optimized for Research & Development and off-line measurement

**BERGER**  
Lichttechnik

# Multiple Filter Unit

Automatic Filter changer integrated into lamp housing  
for up to 8 light reducing-, color- or spectral-filters  
Optional lamp distance control by software

The Multiple Filter Unit is optimized for R & D applications and off-line measurement. Up to eight different filters of 230 x 230 mm can be placed in the lamella light housing. By combining filters on the two loading drawers up to 16 different filter combinations can be selected. The position of the filters is completely controlled by the software and motor driven. Depending on the filters installed by the customer this allows measurements on the topics of research.

## Product Specification

- › Two loading drawers with four filter positions each
- › Up to 16 filter combinations selectable
- › Reducing grids for measurements between 100 and 1100 W/m<sup>2</sup> in steps of 100 W/m<sup>2</sup> included\*
- › Integrated into the lamella light housing
- › Can be retrofitted without significant down time
- › Includes software upgrade for full automatic use

\* requires changing of power level and/or distance for perfect irradiance level



## Distance Control

- › Free programmable distance for light reducing to optimize uniformity
- › For every filter position the according distance can be memorized



## Technical Data

### Mechanical Data

**Weight:** approximately 10 kg  
**Dimensions:** 1850x605x380 (HxWxL in mm)  
**Filter Dimensions:** 230x230 mm

### Electrical Data

**Voltage:** 12 V DC  
(external mains adaptor 100–240 V, 50/60 Hz)  
**Power:** approximately 30 W

### Communication

RS-485  
(USB to RS-485 converter included)