

# BE-A100-F0-K

## Barlight

- High excess current factor
- Flash mode operation for „frozen images“ and inspection of fast moving objects at extremely high light intensity
- Long-life thanks to intelligent thermal management
- Homogenous luminous field
- High protection class
- Robust metal casing
- Universal mounting possibility
- Scratch-proof protection window
- Mounts und Optics available as an option

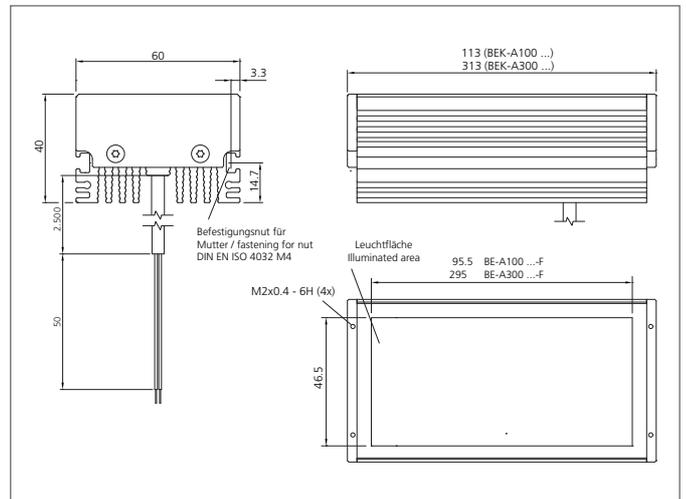


Betrieb ausschließlich mit Flash-Controller an einem *Supply Class 2* - Netzteil!  
 Use only with flash equipment driven by a power supply *Class 2*!  
 A utiliser exclusivement avec un contrôleur d'impulsion connecté à une alimentation *Class 2*!

**BN** = marrone  
**BU** = blu

### Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.  
 These instruments shall exclusively be used by qualified personnel.



| TECHNICAL INFORMATION (typ.)   | +20°C  |
|--------------------------------|--|
| Pulse power consumption (max)  | 290 W  |
| Pulse overload factor          | 9,33   |
| Pulse current capacity         | 20000 mA   |
| Design                         | Barlight   |
| Illuminated area               | 46 x 96 mm   |
| Characteristics                | Flashable by means of flash controller   |
| Light colour                   | Infrared, 850 nm   |
| Emission angle FWHM            | 30°  |
| Illumination intensity         | 600000 µW/cm² (0.1 m / 1300%)<br>280000 µW/cm² (0.2 m / 1300%)<br>60000 µW/cm² (0.5 m / 1300%)<br>16000 µW/cm² (1.0 m / 1300%) |
| Service voltage                | No constant voltage!   |
| Shock-/vibration load          | 10 ... 55 Hz / 1,0 mm / 30 g   |
| Ambient temperature, operation | 0 ... +40 °C   |
| Protection class               | IP 67  |
| Risk group (DIN EN 62471)      | Risk group 1   |
| Casing material                | Aluminium black anodized   |
| Material                       | PUR (Cable)<br>PMMA, hardcoated (Protection optics)  |
| Connection                     | Cable, 2,5 m, flying leads, Use only with flash equipment!   |
| Weight                         | 450 g  |