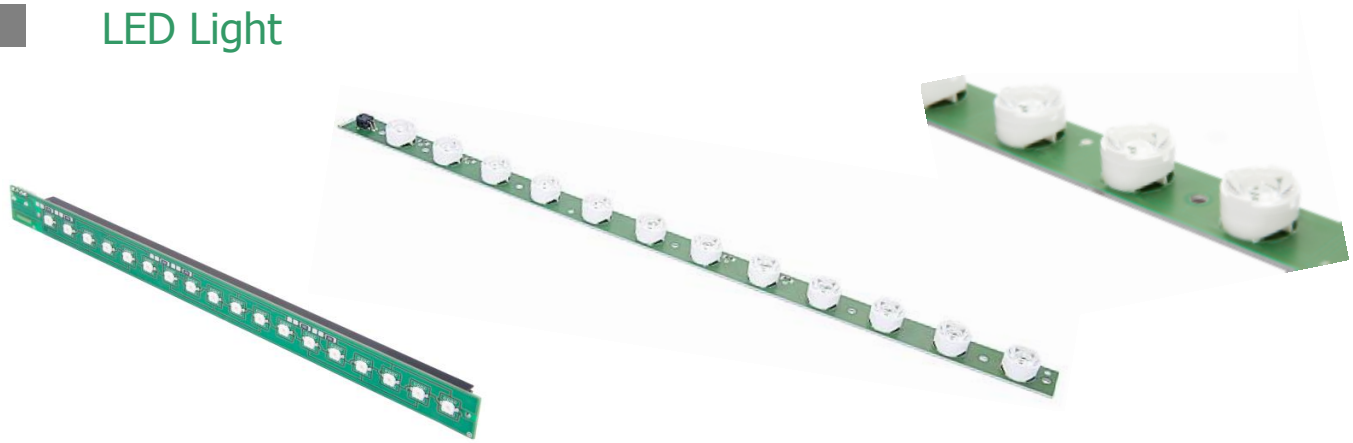
LED Light



Model a

Technical description:

- Lamp for paper size A3
- Length of active area: 340 mm
- Optimum distance to paper: 11 mm
- Illuminance at 11 mm: 160,000 lx
- Dimensions [mm]: 378 (L) x 27 (W) x 18 or 12 (H) – depends on version
- Distance between holes for mounting: 346.5 mm
- Radiator's length: 336 mm
- Power supply: +12 VDC
- Power consumption: max. 27 W
- Heater's temperature: 60-80 °C
- Maintenance about 10,000 hours depends on operation's conditions

Model b

Technical description:

- Lamp for paper size 19"
- Length of active area: 480 mm
- Minimum distance to paper: 18.5" (470 mm)
- Illuminance at 470 mm: about 23,000 lx
- Dimensions [mm]: 545 (L) x 27 (W) x14 (H)
- Diameter of mounting holes: 5.0 mm
- Power supply: +12 VDC +/-5% 2 A min
- Power consumption: max. 22 W (current 1.6 – 1.8A)
- PCB temperature without cooling: 60-70 °C
- Maintenance about 10,000 hours depends on operation's conditions

Advantages:

- Powerful source of white light
- High efficiency
- Possible to strengthen light power by using lens
- Standard power voltage and power supply header

Model a

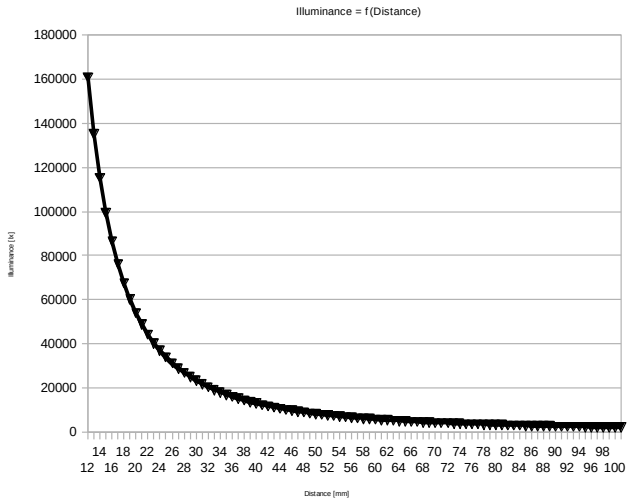
For applications, where space is left for a heat sink, included in the LED light. The LED light can be mounted wherever it is needed.

Model b

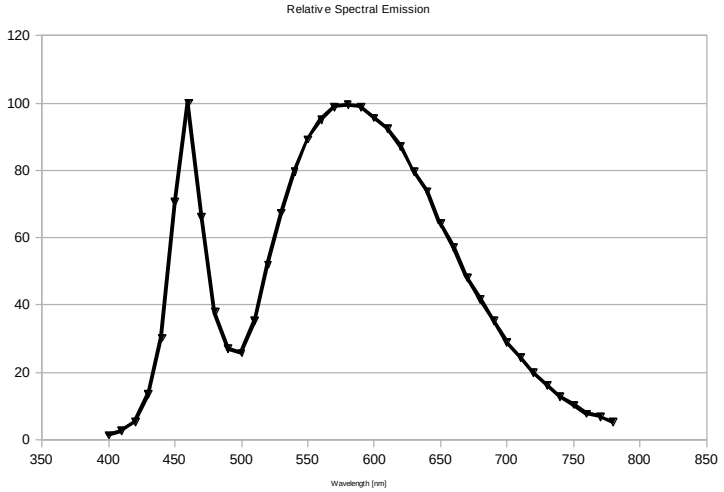
For applications, where no space is left for a heat sink, included in the LED light. LED light is Aluminium based and is mounted directly on the housing.

Further models are available on request

LED Light

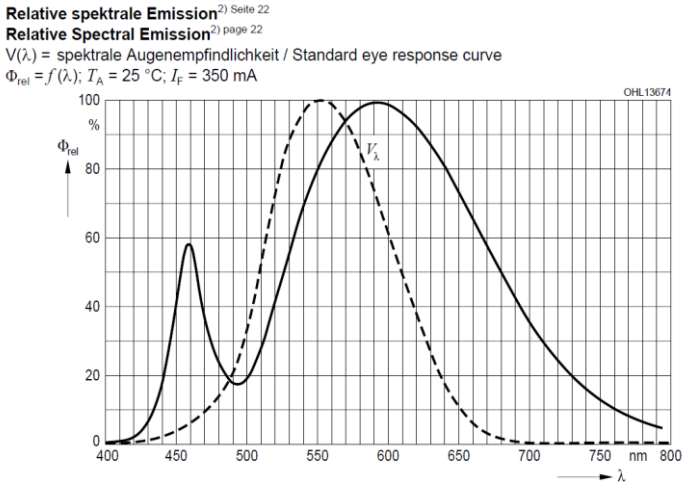


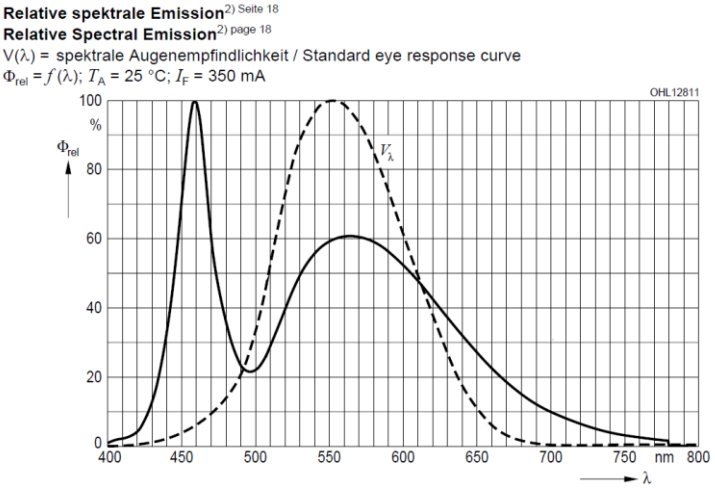
Illuminance as function of distance between lamp (without lens) and paper. (Model a)



LED Lamp Relative Spectral Emission (Model a)

LW W5SM Relative Spectral Emission (Model a)





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BAP Image Systems GmbH
Etzstr. 37
84030 Ergolding, Germany
Tel: +49-871-43059922
Fax: +49-871-43059929

BAP Image Systems, LLC
1120 South Freeway, Ste 214
Fort Worth, TX 76104, USA
Tel: +1-817-878-2773
Fax: +1-817-878-2739

info@bapimaging.com
www.bapimaging.com