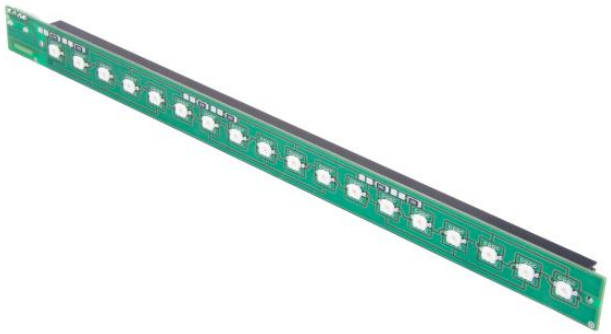
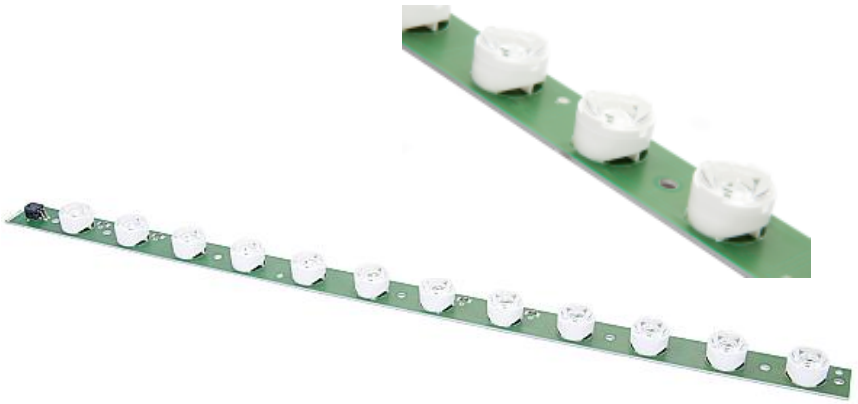
BAP Image Systems

LED Light





Model a

Technical description:

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

Model b

Technical description:

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

Advantages:

- Powerful source of white light
- High efficiency
- Possibility to strengthen light power when 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 available on request

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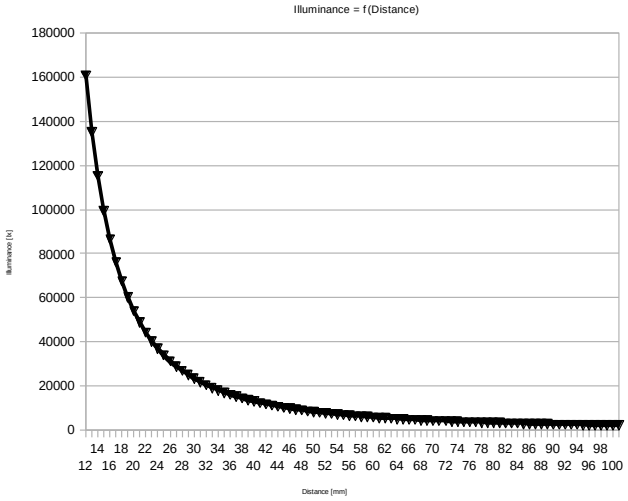
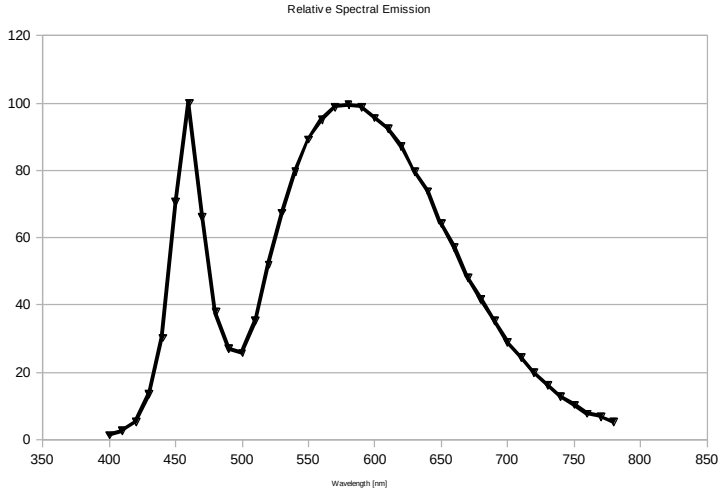
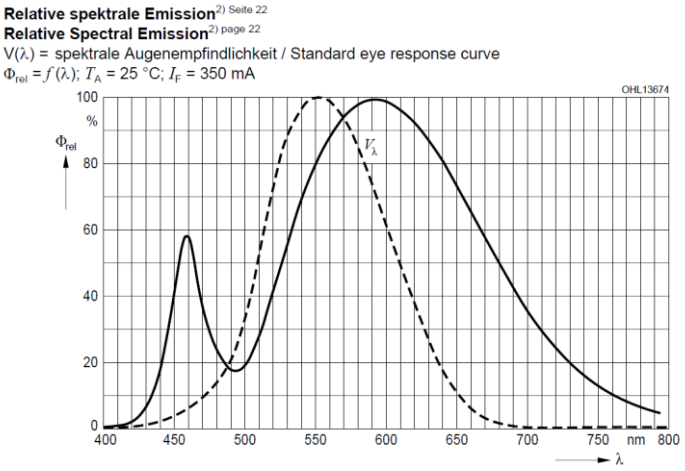


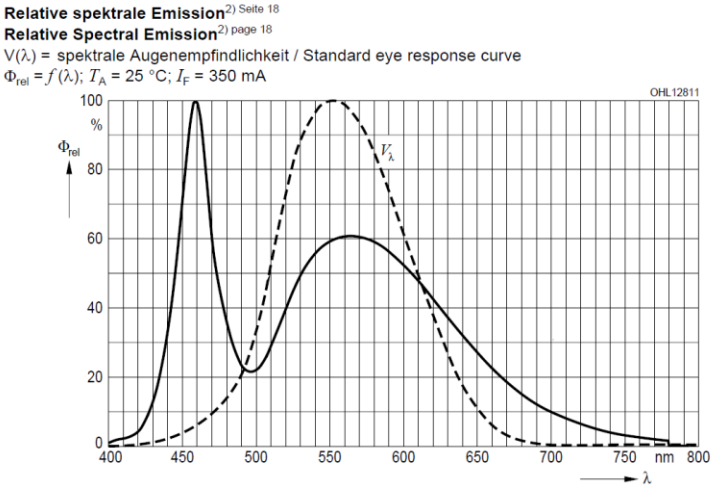
Illuminance as function of distance between lamp (without lens) and paper. (Model a)



LED Lamp Relative Spectral Emission (Model a)

LW W5SM Relative Spectral Emission (Model a)





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