

Professional Lighting Systems for Industrial Imaging

HI-LIGHT X/XL

the luminous LED backlight system in an oversize format for industrial applications

- extremely long lifecycle due to LED technics
- active luminous area approx. 100 mm x 100 mm
- high luminosity with low heat generation
- high homogeneity for precise evaluation
- standard colors: red 635 nm, IR 880 nm
- available for flash operation, for 12VDC/24VDC operation
- compatible with various flash modules, e.g. Strobe Module MAX-X
- LED monitoring indicator, standard in IR models
- solid, black anodised, alu case
- easy mounting (bores supplied)

Technical data

| | |
|--------------------------------|---|
| wavelength | red 635 nm, IR 880 nm |
| luminosity R 635 nm: | approx. 18 W/m ² DC operated |
| IR 880 nm: | approx. 20 W/m ² DC operated |
| active area: | approx. 80 x 80mm/80 x 180mm |
| power supply (DC version): | 12VDC 0.8A, 24VDC 0.4 A |
| lifecycle (LEDs) **: | approx. 100000 h (25° C) |
| ambient temperature: | max. 50° C |
| cable length DC version: | 1.5m |
| cable length Strobe/LFC vers.: | 1m (with plug.) |
| case: | alu (black anodised) |
| front cover: | acryl (2mm) |
| monitoring LED: | 2mm red (only with IR models) |

** value given by the producer valid at a LED temperature of 25° C



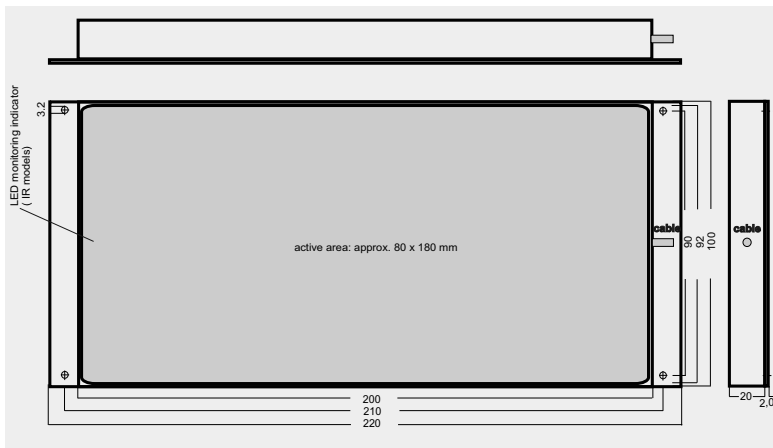
HI-LIGHT X

Model Versions:

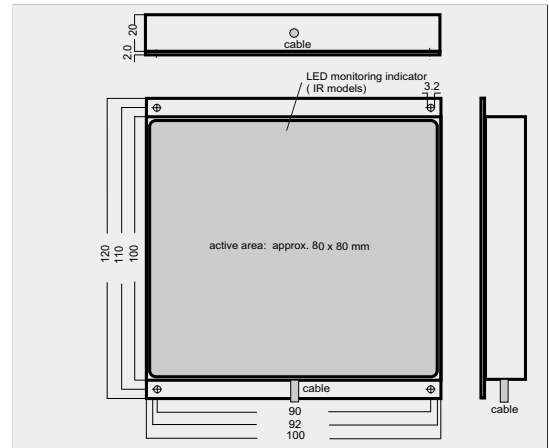
| Order-No. | Description |
|-----------|------------------------|
| S40-0001 | HI-LIGHT-X R 12VDC |
| S40-0002 | HI-LIGHT-X R 24VDC |
| S40-0003 | HI-LIGHT-X R Strobe |
| S40-0004 | HI-LIGHT-X R LFC1 |
| S40-0005 | HI-LIGHT-X IR 12VDC |
| S40-0006 | HI-LIGHT-X IR 24VDC |
| S40-0007 | HI-LIGHT-X IR Strobe |
| S40-0008 | HI-LIGHT-X IR LFC1 |
| S40-0009 | HI-LIGHT-X weiß 12VDC |
| S40-0010 | HI-LIGHT-X weiß 24VDC |
| S40-0011 | HI-LIGHT-X weiß Strobe |
| S40-0012 | HI-LIGHT-X weiß LFC1 |
| S40-M8 | M8-Plug for DC-Types |

| Order-No. | Description |
|-----------|-------------------------|
| S41-0001 | HI-LIGHT-XL R 12VDC |
| S41-0002 | HI-LIGHT-XL R 24VDC |
| S41-0003 | HI-LIGHT-XL R Strobe |
| S41-0004 | HI-LIGHT-XL IR 12VDC |
| S41-0005 | HI-LIGHT-XL IR 24VDC |
| S41-0006 | HI-LIGHT-XL IR Strobe |
| S41-0007 | HI-LIGHT-XL weiß 12VDC |
| S41-0008 | HI-LIGHT-XL weiß 24VDC |
| S41-0009 | HI-LIGHT-XL weiß Strobe |
| S41-M8 | M8-Stecker for DC-Types |

dimensions HI-LIGHT XL:



dimensions HI-LIGHT X:



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subject to technical alterations

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we enforce vision
BÜCHNER