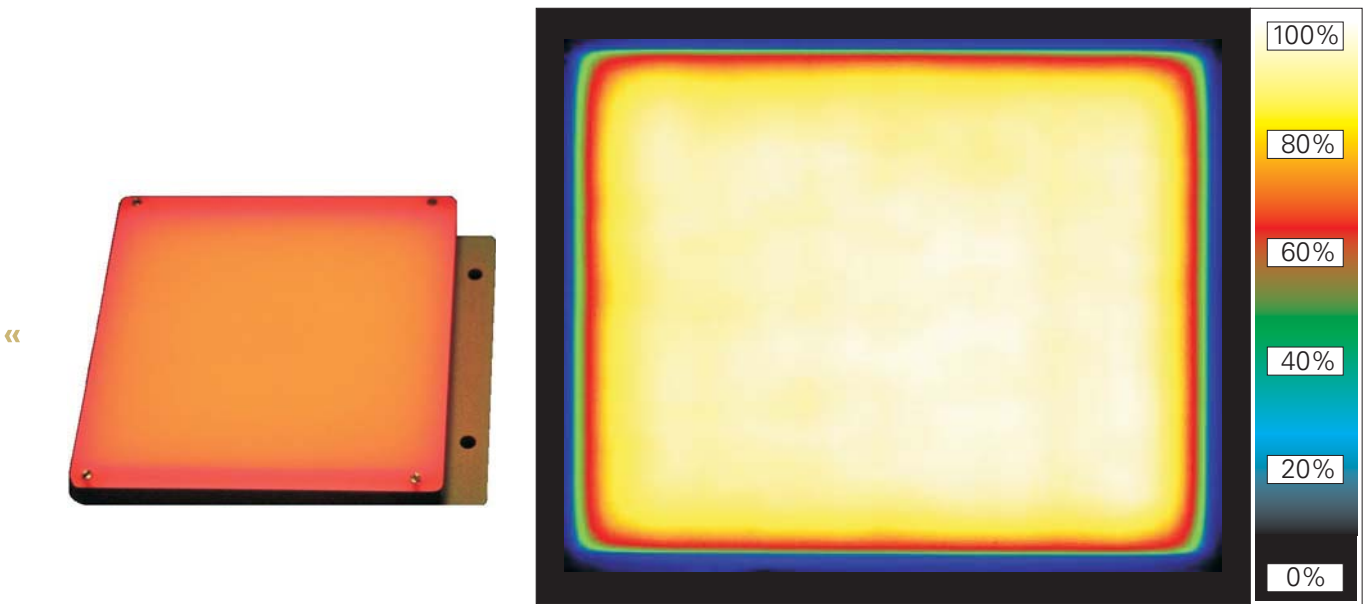




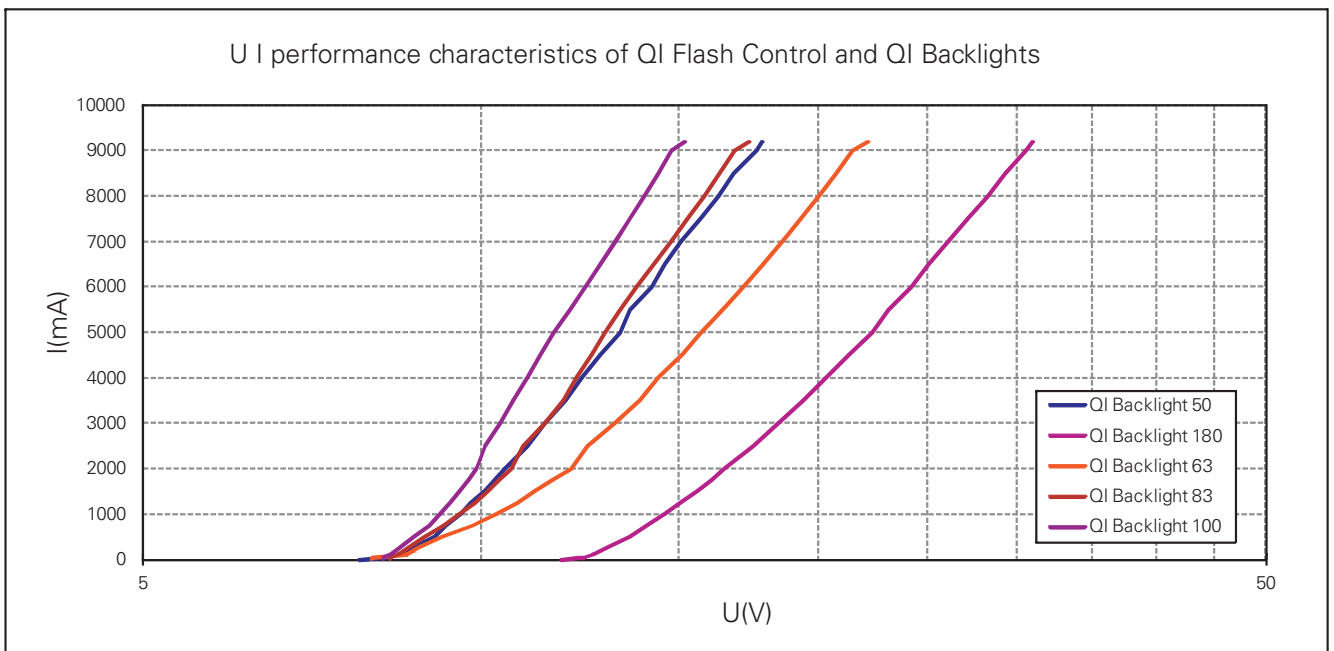
Backlight

LED transmitted area light for industrial image processing

All backlights of the Quick-Image-Family are designed for industrial operations with continuous light and flash mode. In combination with a red filter at the camera against distracting reflections a very good sharpness of images will be achieved. LEDs are arranged for a homogeneous luminance distribution and have a top level wave-length of 645 nm. An optimal temperature evacuation is guaranteed by an aluminium housing and aluminium circuit board.



Luminance distribution of the example QI Backlight 180 x 150 mm





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technical information:

- voltage: 1 A (continuous operation)⁽¹⁾
- LED top level wave length: 645 nm
- LED color: red⁽²⁾
- cable length: 30 cm
optional length: 5 m, 10 m⁽²⁾
- plug: SMR-02 V-B

possible application areas:

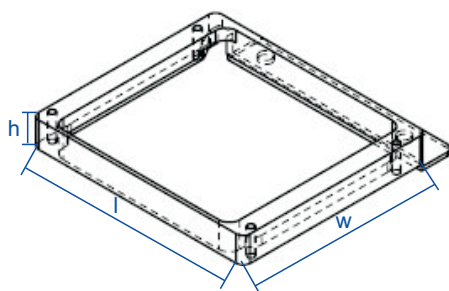
- metrical image processing
- testing of stability
- testing of adjustment (form control)
- visual inspection

lighting area in mm	dimensions in mm			P _{max} in watt	maximum of brightness ³ in cd/m ²
	l	w	h		
25 x 17	38	18	8,5	1,80	on request
25 x 25	38	26	8,5	2,50	on request
50 x 50	61	54	9,0	12,10	13730
63 x 60	73	70	9,0	18,00	on request
83 x 75	86	86	9,0	29,04	18400
100 x 100	111	103	9,0	48,40	19010
180 x 150	215	177	9,0	127,00	20450

⁽¹⁾The corresponding voltages are derived from the U I performance characteristics (see illustration on the front)

⁽²⁾ others on request

⁽³⁾ in central measuring field (circular)



accessory:
flash controller (2-channel)
QI Flash Control I



Forschung & Entwicklung

Research & Development



Produktion & Service

Production & Service



Beratung & Training

Consulting & Training

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Ein Unternehmen im Steinbeis-Verbund.