



- 75.000 lm white LED
- 150.000 lm overdrive
- Low duty cycle pulsed operation only
- Down to 160 ns strobe
- High-G or IP67 options

## WE BUILD THINGS THAT WORK THE WAY YOU WISH THEY WOULD.

MultiLED products cover all applications of high speed cameras and many applications in the machine vision market. Some family members e.g. cover sub microsecond exposure time, monochromatic light or give you enough light to fully close aperture at some microseconds exposure time. Designed from a decade of experience with thousands of customer projects in mind, MultiLED products offer ultra strong lighting at an affordable price.

### MultiLED L7-xF - KEY FEATURES

- For pulsed operation at low duty cycle only. With 6 kW output, e.g. at 1 kHz and 1  $\mu$ s exposure time only 6 W are used.
- Power consumption limited to 40 W.
- Flat design (10 mm)
- White LED only.
- Very homogenous illumination.
- 15°, 30°, 50°, 60° or 115° FWHM lenses available.
- Pulsed by TTL pulse duration.
- Power supply 60 W with 5 m cable with M8 connector included.
- Options:
  - Longer cables or other cable types on request
  - LiPo Battery pack on request.
  - IP67 housing optional
  - High-G housing optional (100G)



### MultiLED L7-xF

MULTILED L7-xF	
Luminous Flux / overdrive mode	White, 75.000 lm / overdrive 150.000 lm
Power	720W
Overdrive power	max 6 kW
Supply Voltage	48 V
Bundled PS	Desktop, 48 V 60 W
Heat Dissipation	passive, no heatsink or fan available
Environmental temp. (operation)	90° C is the safe operating limit for the Leds, where they units turn off. The environmental temperature determines how long the units can work, so you will have much longer operation times starting at -25° env. temp. than on 40°.
temp. (storage)	-25 - 90° C
Overheat Protection	sensor onboard, switch off temp. controllable
Designed to meet:	IP 20.
Mounting Options	1/4" thread
Standard Lenses	15° full angle / round
Alternative Lenses upon time of order	30°, 50°, 60°, 115°
Dimensions	168x178x10mm
Weight	350 g
IP/HG version weight and size	available on request
delay / rise and fall time	200 ns/ 60 ns
Leds	72 Leds w. lenses

