



PRELIMINARY PICTURE

- 400.000 lm continuous
- Color LED available
- Changeable lenses
- continuous or pulsed operation
- Down to 400 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 ZX - KEY FEATURES

- For continuous operation at 4 kW and 400.000 lm output (cold white).
- White or blue LED.
- Preinstalled lens (horizontal x vertical): 12°x12°
- Additional lenses (horizontal x vertical): 25°x25° - 40°x40° - 60°x60° - 30°x13° - 60°x12°
- Optional: pulsed by TTL pulse duration to save power consumption and reduce heat generation.
- Power supply 4.000 W or 5.000 W with 5 m cable included.
- Options:
 - Longer cables or other cable types on request
 - IP67 housing optional
 - High-G Version with heatdump optional

450 nm

530 nm

625 nm

660 nm

730 nm

Advanced features when connected to MultiLED GX8 as power supply:

- Adjustable intensity for each channel: 1% to 100%
- Temperature and status display for each lamp head
- On/Off for each channel
- Strobe on TTL high/low or flank mode with predefined delay and duration
- With GX8 Touch, RS-485 connection is available (example software and SDK included).

Colors available:

Cool-White 400.000 lm
Other white types on request up to 95 cri warm white.

Blue	450 nm	1.600.000 Flux(mW)
Green	530 nm	330.000 Flux(mW)
Red	625 nm	550.000 Flux(mW)
Photo-Red	660 nm	1.100.000 Flux(mW)
Far-Red	730 nm	550.000 Flux(mW)



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MultiLED ZX

MULTILED ZX

Luminous Flux / overdrive mode	White, nominal 500.000 lm
Power consumption max	4 kW
Supply Voltage	30 V - 50 V - Depending on LED Color
Bundled PS	none
Heat Dissipation	depending on housing
Environmental temp. (operation)	Depends on housing type and LED color
temp. (storage)	Depends on housing type and LED color
Overheat Protection	sensor onboard
Designed to meet:	IP depending on housing
Mounting Options	Depending on housing
Standard Lenses	12° full angle / round
Optional Lenses	25°x 25°, 40° x 40°, 60° x 60°, 30° x 13°, 60° x 12° (horizontal x vertical)
Dimensions	500x580x165 mm
Weight	22,5 kg
IP/HG version weight and size	available on request
delay / rise and fall time	220 ns/ 90 ns
Leds	372 LEDs w. changeable lenses

