



- 15 million lx max
- Ring light for macro
- Continuous or Pulsed
- Down to 200 ns strobe
- Full GX8 control

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 models 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.

white

MULTILED RX - KEY FEATURES

The MultiLed RX is a standalone lamp head for continuous operation. With the optional MultiLed GX8 controller connected between power supply and lamp head, you can access a lot more functionality:

- 15 million lx in center of focus point (diameter approx. 40mm)
- focus point 10 cm from front of device (custom distances available)
- Standard desktop power supply with 5 m cable included
- White LED only
- 280 W 48V
- Continuous operation (see GX8 for pulsed operation options)
- 2 x 1/4" standard thread for photographic accessories and mount
- Uses Molex MicroFit 8 Pin for connection to GX-8

Advanced features when connected to MultiLED GX8 as power supply:

New GS Vitec „ultra high speed strobe“ technology.

- Down to 200 nanoseconds strobe length at full output power
- Pulse delay: 350 ns (level mode); 480 ns +/- 20 ns (edge mode)
- Pulse rise time: 170 ns
- Pulse fall time: 170 ns
- Shortest usable pulswidth: 200 ns

- Adjustable intensity for each channel: 0% to 100%
- Temperature and status display for each lamp head
- All communications and power supply come from the GX8 through 1 MULTILED GEN4 System cable

Scope of delivery:

- RX: Lamp head, 320W desktop power supply, 5m cable

MACRO SERIES

MULTILED RX

Focus point intensity	White, 15 million lux max
Power	Max. 280 W
Supply voltage	48 V
Bundled PS	Desktop, 48 V, 320 W
Connector	Molex MicroFit 8 Pin for connection to GX-8
Cooling	Active
Environmental temp. (operation)	-25°C - +30°C at full power
Temp. (Storage)	-25°C - +80°C
Overtemperature protection	Sensor onboard
IP class	IP 20
Mounting options	1/4" photo thread, 1/4-20 UNC
Focus point	10 cm from device front diameter approx. 40mm
Dimensions	197 * 157 * 100 mm
Weight	1.800 g
Setup and control	MultiLED GX8 controller
Delay / rise and fall time / max. usable frequency in Level Mode	350 ns / 170 ns / 170 ns / 3 MHz at 210 ns pulse length
Delay / rise and fall time / max. usable frequency in Edge Mode	480 ns / 170 ns / 170 ns / 2.6 MHz at 200 ns pulse length
LED	12
Housing	Aluminium, polycarbonate, stainless steel and ABS
Light modes	Continuous, Pulsed, Edge Mode
Light intensity	Adjustable, 0%..100%

Light Modes

Continuous	Continuous light with the set intensity
Pulsed	Level mode. Lamp lights when the GX-8 or GX-8-Touch trigger input meets the trigger criteria
Edge	Edge mode. Lamp flashes when a trigger edge condition is met on the GX-8 or GX-8-Touch. Delay and pulse duration can be configured

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