



- Exchangeable lenses
- 50.000 Lm white / 220.000 mW Blue
- Pulsed or continuous
- Small size
- Down to 200 ns strobe

**3 X HIGHER INTENSITY THAN MT**

## 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.

### MULTILED MX - KEY FEATURES

The MultiLED MX is a standalone lamp head for continuous operation. With the optional MultiLED GX8 controller connected, you can access a lot more functionality:

- Preinstalled lens (horizontal x vertical): 12°x12°
- Additional lenses (horizontal x vertical): 25°x25° - 40°x40° - 60°x60° - 30°x13° - 60°x12°
- 50.000 Lumen White or
- Also available with blue LED (220.000 mW), peak wavelength 450nm
- For other LED Color refer to MultiLED MT
- Continuous or pulsed operation
- Bottom and top 3/8-inch standard thread for photographic accessories and mount

#### Advanced features when connected to MultiLED GX8:

New GS Vitec „ultra high speed strobe“ technology.

Supply power directly from GX8 up to two MX

Control up to 8 MX from one GX8 controller (with power injectors)

- down to 200 nanoseconds strobe length at full output power

- Pulse delay: 220 ns
- Pulse rise time: 100 ns
- Pulse fall time: 350 ns
- Shortest usable pulswidth: 200 ns
- Strobe on pulse duration or flank selectable

- Adjustable intensity for each channel: 0% to 100%
- Temperature and status display for each lamp head
- All communications and trigger come from the GX8 through 1 Ethernet cable

#### Scope of delivery:

- MX: lamp head, desktop power supply, 5m cable, 12°x12° lens
- MX Plus: as MX, additional lenses: (horizontal x vertical): 25°x25° - 40°x40° - 60°x60° - 30°x13° - 60°x12°
- MX Set: 2-8 x MX lamp head, 1 x GX8 controller, 2-8 x 600 W power supplies with 5m cable, 2 x 5m trigger cable, full lens sets of (horizontal x vertical): 25°x25° - 40°x40° - 60°x60° - 30°x13° - 60°x12° for each lamp head.



## VALUE SERIES

### MULTILED MX

Luminous Flux	white, 50.000 Lumen
Power	550 W
Supply Voltage	48 Vdc
Bundled PS	Desktop, 48 V, 600 W
Connector	1x Molex micro-fit 3.0
Heat Dissipation	Active, heatsink and fan
Einvironmental temp. (operation)	-25°C - 45°C
temp. (Storage)	-25°C - 80°C
Overtemperature Protection	Sensor onboard
IP class	IP 20
Mounting Options	3/8" thread
Standard Lenses	12° x 12° (horizontal x vertical)
Optional Lenses (MX Plus)	25°x 25°, 40° x 40°, 60° x 60°, 30° x 13°, 60° x 12° (horizontal x vertical)
Dimensions	207 * 140 * 88 mm
Weight	1.950 g
Setup	Standalone or G8 controller
Delay / rise and fall time	220ns / 100ns / 350ns
LED	52
Housing	Aluminium
Light modes	Continuous, pulse duriation, flank mode with predefined strobe time
Light Intensity	Adjustable, 2%-100%/Off