



- **Exchangeable lenses**
- Color LED only, for white or blue, use MultiLED MX
- **Pulsed or continuous**
- **Small size**
- **Down to 200 ns strobe**

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 MT COLOR - KEY FEATURES

The MultiLed MT COLOR is a standalone lamp head for continuous operation. With the optional MultiLed G8 controller connected, you can access a lot more functionality:

- Easily exchangeable lens available: 15°, 25°, 45°, 75°
- Color LED
- Continuous or pulsed operation
- Bottom and top 3/8-inch standard thread for photographic accessories and mount

Advanced features when connected to MultiLed G8:

New GS Vitec „ultra high speed strobe“ technology.

• **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
- Adjustable intensity for each channel: 0% to 100%
- Temperature and status display for each lamp head
- All communications and trigger come from the G8 through 1 Ethernet cable

Scope of delivery:

- MT: lamp head, desktop power supply, 5m cable, 15° lens
- MT Plus: as MT, additional lenses: 25°, 45°, 75°
- MT Set: 2-8* MT lamp head, 1* G8 controller, 2-8* 600 W power supplies with 5m cable, 2* 5m trigger cable, full lens sets of 15°, 25° 45° and 75° for each lamp head.

- Colors available / output:

Royal-Blue	450 - 460 nm	172.000 Flux(mW)
Green	520 - 535 nm	30.000 lm
Amber	560 - 650 nm	21.400 lm
Red-Orange	610 - 620 nm	26.100 lm
Red	620 - 630 nm	21.000 lm
Photo-Red	650 - 670 nm	124.000 Flux(mW)



VALUE SERIES

MULTILED MT COLOR

Power	500 W
Supply Voltage	44 Vdc
Bundled PS	Desktop, 44 V, 600 W
Connector	RJ-45 & ODU Push Pull
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	15° FWHM, exchangeable
Optional Lenses (MT Plus)	25°, 45°, 75° FWHM exchangeable
Dimensions	207 * 140 * 84 mm
Weight	1.950 g
Setup	Standalone or G8 controller
Delay / rise and fall time	220ns / 100ns / 350ns
LED	126
Housing	Aluminium
Light modes	Continuous, Pulsed
Light Intensity	Adjustable, 0%..100%

