



- Exchangeable lenses
- 12.000 Lm white
- 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 QT - KEY FEATURES

The MultiLed QT is a standalone lamp head for continuous operation. With the optional MultiLed G8 controller connected between power supply and lamp head, you can access a lot more functionality:

- Easily exchangeable lens available: 15°, 30°, 50°, 60°
- 12000 Lumen
- Standard desktop power supply with 5 m cable included
- White light (look at CT model for color LED)
- 150W 48V
- Continuous operation
- Bottom 1/4-inch standard thread for photographic accessories and mount
- Status LED
- Uses standard Ethernet CAT6 S/FTP cable 1:1

#### Advanced features when connected to MultiLed G8 as power supply:

##### 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 power supply come from the G8 through 1 Ethernet cable

#### The next generation of the industry leading MultiLed LT. Compare:

- QT is half the size of an LT
- QT has 50% more light output than an LT and a more homogenous distribution
- QT has exchangeable lenses
- QT / G8 minimum pulse time 200 nanoseconds compared to LTs 30 microseconds
- QT uses widely available Ethernet cables

#### Scope of delivery:

- QT: lamp head, desktop power supply, 5m cable, 15° lens
- QT Plus: as QT, additional lenses: 30°, 50°, 60°
- QT Set: 2\* QT lamp head, 1\* G8 controller, 320 W power supply, 2\* 5m lamp head cable, 2 sets of lenses 15°, 30° 50° and 60°



**VALUE SERIES**
**MULTILED QT**

Luminous Flux	white, 12.000 Lumen
Power	150 W
Supply Voltage	48 Vdc
Bundled PS	Desktop, 48 V, 160 W
Connector	RJ-45
Heat Dissipation	Active, heatsink and 2 fans
Environmental temp. (operation)	-25°C - 45°C
temp. (Storage)	-25°C - 80°C
Overtemperature Protection	Sensor onboard
IP class	IP 20
Mounting Options	1/4" thread
Standard Lenses	15° FWHM, exchangeable
Optional Lenses (QT Plus)	30°, 50°, 60° FWHM exchangeable
Dimensions	78 * 104 * 61 mm
Weight	650 g
Setup	MultiLED G8 controller
Delay / rise and fall time	220 ns / 100 ns / 350 ns
LED	12
Housing	Aluminium
Light modes	Continuous, Pulsed
Light Intensity	Adjustable, 0%..100%

