GSVITEC

High Power LED MULTILED IT

- Exchangeable lenses
- IR or UV LED
- Pulsed or continuous
- Small size
- Down to 200 ns strobe

WE BUILD THINGS THAT WORK THE WAY YOU WISH THEY WOULD.

MultiLed produts 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 IT - KEY FEATURES

The MultiLed IT 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°**
- **IR UV LED**
- **Continuous or pulsed operation**
- **Bottom and top 1/4-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:
- **IT:** lamp head, desktop power supply, 5m cable, 15° lens
- **IT Plus:** as IT, additional lenses: 25°, 45°, 75°
- **IT Set:** 2-8* IT lamp head, 1* G8 controller, single power supply with 5m cable, 2* 5m trigger cable, full lens sets of 15°, 25° 45° and 75° for each lamp head.

- Colors available / output:

UV	365 nm	15.120 Flux(mW)
UV	385 nm	14.130 Flux(mW)
UV	395 nm	36.900 Flux(mW)
UV	405 nm	12.870 Flux(mW)
IR	850 nm	12.150 Flux(mW)
IR	940 nm	12.150 Flux(mW)

VALUE SERIES

MULTILED IT

Power	40W
Supply Voltage	Depends on color
Bundled PS	30 - 36 V
Connector	RJ-45
Heat Dissipation	Active, heatsink and 2 fans
Einvironmental 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	IR: 8° UV: 12°
Replacement Lenses IR	10°, 24° or 30°
Replacement Lenses IR	26° or 44°
Dimensions	110 * 80 * 62 mm
Weight	650 g
Setup	MultiLED G8 controller
Delay / rise and fall time	220 ns / 100 ns / 350 ns
LED	9
Housing	Aluminium
Light modes	Continuous, Pulsed
Light Intesity	Adjustable, 0%..100%