GSVITEC

High Power LED
MULTILED CT COLOR

- Exchangeable lenses
- Color 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 CT COLOR - KEY FEATURES

The MultiLed CT 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 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:
- CT: lamp head, desktop power supply, 5m cable, 15° lens
- CT Plus: as CT, additional lenses: 25°, 45°, 75°
- CT Set: 2-8* CT 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:

Royal-Blue	450 - 460 nm	50.000 Flux(mW)
Blue	465 - 485 nm	3.600 lm
Green	520 - 535 nm	8.400 lm
Amber	560 - 650 nm	6.100 lm
Red-Orange	610 - 620 nm	7.500 lm
Red	620 - 630 nm	5.900 lm
Photo-Red	650 - 670 nm	36.000 Flux(mW)

VALUE SERIES

MULTILED CT COLOR	
Power	150 W
Supply Voltage	48 Vdc
Bundled PS	Desktop, 48 V, 160 W
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	15° FWHM, exchangeable
Optional Lenses	**15°, 25°, 45°, 75°** FWHM exchangeable
Dimensions	115 * 83 * 61 mm
Weight	650 g
Setup	MultiLED G8 controller
Delay / rise and fall time	220 ns / 100 ns / 350 ns
LED	36
Housing	Aluminium
Light modes	Continuous, Pulsed
Light Intesity	Adjustable, 0%..100%