



- High-G LED solution
 Up to 9 lamp heads
 12.000 lm per head
 Changeable battery pack
 Pulsed or continuous

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

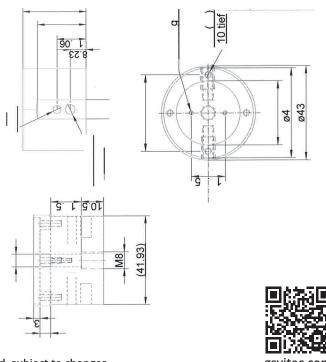
MultiLed produts cover all applications of high speed cameras and many applications in the machine vision market. Some family members e.g. cover sub microsecond exposure time, monochromatic light or give you enough light to fully close aperture at some microseconds exposure time. Designed from a decade of experience with thousands of customer projects in mind, MultiLed products offer ultra strong lighting at an affordable price.

MultiLED G9-SET - KEY FEATURES

- G9 supplies power for 1 to 9 "A1" lamp heads.
- G9 battery pack attached to G9 control unit (changeable).
- Charging input in G9.
- Strobe via trigger signal (TTL) down to 1 µs rise time and 2 µs fall time (invertable).
- Enable input BNC TTL to override trigger in.
- 30 seconds of continuous operation with 9 lamp heads at 100% power. Or more when pulsed.
- OLED display control and monitoring.
- 12.000 lm continuous output per head. Overdrive mode (pulsed) 16.000 lm.

G9 generator technical drawings

A1 lamp heads technical drawings





MULTILED G9-SET

MultiLED G9-SET

MULTILED G9	
Max no. of lamp heads	9 x A1
Supply Voltage	48 V
Bundled Power Supply	48V 40 W for charging the mounted G9
Shock proof	100 G
delay / rise and fall time	200 ns / 1μs
Environmental temp. (operation)	0-50°C
temp. (storage)	-10-60°
Overheat Protection	An overheated A1 will shut down the device. By standard, this function is disabled, as on crash tests it is better to probably loose a lamp head than having no light on the experiment during the critical moment.
Environmental Protection	as IP 40
Mounting Options	bottom ring M4 slotted holes
Dimensions	Diameter:body 120 mm; Diameter mounting ring 150 mm; H: 80 mm
Weight	app. 2000 g
Settings by OLED	yes
Settings by RS 485	Option
Battery capacity	30 seconds at 100 % (shorter in over-
Battery Type	Lithium Polymer
Battery pack exchangeable	yes
Battery pack reload	via front M8 connector, loading electronics integrated
Trigger input	M8
Cables	only 1 cable from generator to lamp head,5m (x9) , 5m cables for loading, strobe input and enable input
Strobe input	3.5 to 24 V, invertable
Included	All cables, charging power supply, 1 bat- tery pack, G9 control unit

MULTILED A1 lamp head	
Emitter	12 High Power Leds
Luminous Flux	white, 12.000 Lumen
Power consumption	120 W
Supply Voltage	48 Vdc
Bundled Power Supply	G9 Generator
Power Connector	M8 screw in
Heat Dissipation	passive, no heatsink or fan
Environmental protection	as IP 40
Mounting Options	2x 1/4" threads
Standard Lenses	115° no lens applicable
Dimensions	Diameter:43 mm Length:42 mm + connector (10 mm)
Weight	app. 200 g

