



UVG5 2.0

COMPLIES WITH
ASTM E3022-2018
Standard

COMPLIES WITH
Rolls-Royce RRES 90061
Specification

COMPLIES WITH
Airbus AITM6-1001
Testing Method

COMPLIES WITH
USAF
Requirements

3 Year warranty

Extremely durable! Compact, powerful and adjustable headlight that frees your hands during inspections. White light is optional. The beam profile is probably the largest and smoothest from any UV-A headlight on the market today. Depending on the model, the beam diameter is 3-5 inches / 8-12 cm and with intensities that vary from $\approx 4\ 000$ to $80\ 000\ \mu\text{W}/\text{cm}^2$! Selected models have been tested to comply with ASTM E3022-18, Rolls-Royce RRES 90061 and Airbus AITM6-1001. Battery running times are up to 14 hours!



ADJUSTABLE LIGHT

The lamp can be adjusted to three different angles.



BATTERY POWERED

Powered by two lithium batteries that can be recharged either by a cigarette outlet in a vehicle, a wall outlet or a PSU charger (without removing the batteries).



ONE UV LED WITH WHITE LIGHT BLOCK FILTER AND OPTIONAL FOUR WHITE LIGHT LEDS

A high quality UV LED with respective high quality white light block filter that does not suffer from solarization. Two different white lights: (a) a strong "search" white light for use in dark and tight spaces such as pipes and tanks and (b) a visual inspection white light.



ON/OFF SWITCH

On/Off switch is positioned at the back to prevent accidental activation.



FACTS ABOUT UVG5 2.0 SERIES

Part Number	Model	White Light	Battery Run Time	UV Intensity	Beam Size
L127	UVG5 2.0 Spotlight	YES	8 hours	80 000 $\mu\text{W}/\text{cm}^2$	Ø 3 inches / 7.6 cm
L128	UVG5 2.0 Midlight	YES	14 hours	9 000 $\mu\text{W}/\text{cm}^2$	Ø 4.2 inches / 10.5 cm
L129	UVG5 2.0 Midlight	NO	14 hours	9 000 $\mu\text{W}/\text{cm}^2$	Ø 4.2 inches / 10.5 cm
L130	UVG5 2.0 Floodlight	YES	10 hours	4 000 $\mu\text{W}/\text{cm}^2$	Ø 4.8 inches / 12 cm
L131	UVG5 2.0 Floodlight	NO	10 hours	4 000 $\mu\text{W}/\text{cm}^2$	Ø 4.8 inches / 12 cm

UVG5 2.0

UVG5 2.0 Spotlight, Midlight and Floodlight have been tested to comply with both ASTM E3022-18 and ISO 3059-12 standards. The UVG5 2.0 Floodlight also complies with Rolls-Royce RRES 90061 and Airbus AITM6-1001. The Spotlight, Midlight and Floodlight generate intensities of approximately 80 000 $\mu\text{W}/\text{cm}^2$, 9 000 $\mu\text{W}/\text{cm}^2$ and 4 000 $\mu\text{W}/\text{cm}^2$ at 38 cm (15 inches), respectively. The battery running time is approximately 8 hours for the Spotlight,

10 hours for the Floodlight and 14 hours for the Midlight. Charging time is 3 hours. Three models (Spotlight - L127, Midlight - L128 and Floodlight - L130) come with white light. There are two different white lights you can operate the UVG5 2.0 with, (a) a strong “search” white light for use in dark and tight spaces such as pipes and tanks and (b) a visual inspection white light. NDT Technicians at US Airforce should ask for Part Number UVG5 2.0 Midlight (PN: L129).



NDI Technician of the 108th Maintenance Squadron, analyzes a part of the KC-135R Stratotanker aircraft at Joint Base McGuire-Dix-Lakehurst, N.J., using a Labino UVG5 headlight.



Compliance with relevant ASTM and ISO Standards as well as Industry Engineering specifications

Labino AB LED UV Lights	Built in White Light LED	UV Intensity at 38 cm (15") (µW/cm ²)	COMPLIES WITH ASTM E3022-2018 Standard	COMPLIES WITH Rolls-Royce RR590061 Specification	COMPLIES WITH Airbus A1746-1001 Testing Method	COMPLIES WITH Pratt & Whitney Requirements	COMPLIES WITH The Boeing Co Requirements	COMPLIES WITH ISO 3039-12 Standard	COMPLIES WITH USAF Requirements
GX SERIES – OVERHEAD LIGHT									
GX Orion REMOTE	✓	1 500-7 000	✓	-	-	-	-	✓	-
GX Orion UV & WH	✓	≈ 7 000	✓	-	✓	✓	-	✓	-
GX Orion UV	-	≈ 4 500	✓	✓	✓	✓	✓	✓	✓
BB 2.0 SERIES – HANDHELD LIGHT									
BB 2.0 Helios	-	≈ 9 000	✓	-	✓	✓	-	✓	✓
BB 2.0 Ikaros	-	≈ 4 000	✓	✓	✓	✓	✓	✓	✓
BB 2.0 Artemis	-	≈ 22 000	✓	-	-	-	-	✓	-
MB 3.0 SERIES – HANDHELD LIGHT									
Hercules Ex	-	≈ 4 000	✓	✓	✓	✓	✓	✓	✓
MB 3.0 Zeus	✓	≈ 4 500	✓	✓	✓	✓	✓	✓	-
MB 3.0 Zeus with Athena	✓	≈ 4 500	✓	✓	✓	✓	✓	✓	-
MB 3.0 Hermes	-	≈ 4 500	✓	✓	✓	✓	✓	✓	✓
MB 3.0 Hermes with Athena	-	≈ 4 500	✓	✓	✓	✓	✓	✓	✓
MB 3.0 Selene	✓	≈ 9 000	✓	-	✓	✓	-	✓	-
MB 3.0 Selene with Athena	✓	≈ 9 000	✓	-	✓	✓	-	✓	-
MB 3.0 Atlas	-	≈ 9 000	✓	-	✓	✓	-	✓	✓
MB 3.0 Atlas with Athena	-	≈ 9 000	✓	-	✓	✓	-	✓	✓
MB 2.0 SERIES – FLASHLIGHT / HEADLIGHT									
UVG3 2.0 Spotlight	-	≈ 80 000	✓	-	-	-	-	✓	-
UVG3 2.0 Midlight	-	≈ 9 000	✓	-	✓	✓	-	✓	✓
UVG3 2.0 Floodlight	-	≈ 4 000	✓	✓	✓	✓	✓	✓	✓
UVG5 2.0 Spotlight	Optional	≈ 80 000	✓	-	-	-	-	✓	-
UVG5 2.0 Midlight	Optional	≈ 9 000	✓	-	✓	✓	-	✓	✓
UVG5 2.0 Floodlight	-	≈ 4 000	✓	✓	✓	✓	✓	✓	✓

PLEASE NOTE: The above models are in compliance with the above ASTM and ISO standards as well as industry specifications as indicated on the table above irrespective of the power source (Battery or Mains).