BB 2.0 Ikaros

(Mains model PN: L1074, Battery model PN: L1075)

BB 2.0 Helios

(Mains model PN: L1076, Battery model PN: L1077)

BB 2.0 Artemis

(Mains model PN: L1078, Battery model PN: L1079)

COMPLIES WITH ASTM E3022-2018 Standard

COMPLIES WITH Rolls-Royce RRES 90061 Specification

COMPLIES WITH Airbus AITM6-1001 Testing Method

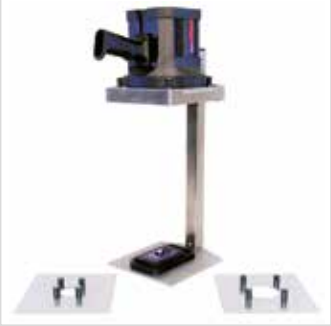
COMPLIES WITH USAF Requirements

2 Year warranty

Powerful, penetrant resistant and with an Ingress Protection 68 (IP68 Waterproof). Beam profile is probably the largest and smoothest from any portable UV-A light on the market today. Depending on the model, the beam diameter is 10-11 inches / 26-28 cm and with intensities that vary from ≈ 4 000 to 22 000 µW/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 7 hours.

BB 2.0 BATTERY (DUO) OR MAINS ON A FLEXIBLE ARM

All BB 2.0 Series models can be mounted on a flexible arm with the help of a handle adaptor. The flexible arm (PN: A536) can be supplied by Labino.



OPTIONAL MEASUREMENT ACCESSORY "OLYMPOS"

Your daily NADCAP and/or ASTM E3022-18 checks can be carried out accurately with an Olympos stand (PN: A542) and an Apollo 2.0 dual meter (PN: M505).

POWERED VIA BATTERY AND MAINS (DUO) OR JUST MAINS

Powered with your choice of either battery and mains or just mains. The battery version (referred to as DUO) can also be used as mains and operate the lamp while charging the battery.

ON/OFF SWITCH

On/Off switch at the back prevents accidental activation.

COMPLIES WITH ASTM E3022-2018 Standard

BB 2.0 Series products Artemis, Helios and Ikaros are lights with a powerful and wide UV output. They provide large coverage and weigh less than many comparable products. The mains operated model weighs just 1.2 kg (2.6 lbs) and the battery operated model weighs just 1.7 kg (3.7 lbs). They are widely used for field inspections or on an MPI bench. BB 2.0 Series lamps have an ingress protection marking of IP68.

The BB 2.0 Series family of products has been specifically designed to meet the ASTM E3022-18 and ISO 3059-12 standards as well requirements set by the PRIMES. The optics used in the BB 2.0 Series meet the Rolls-Royce RRES 90061 specification. The beam profile of the UV light is extremely homogenous without any footprints showing from the LEDs, shades, dark spots or other disturbing defects.

COMPLIES WITH ASTM E3022-2018 Standard

COMPLIES WITH Airbus AITM6-1001 Testing Method

COMPLIES WITH USAF Requirements

BB 2.0 Helios (Mains model PN: L1076, Battery model PN: L1077)

BB 2.0 Helios has been tested to comply with both ASTM E3022-18 and ISO 3059-12 standards. It has also been tested to comply with Airbus AITM6-1001 at a working distance of 24 inches / 60 cm. It generates an intensity of approximately 9 000 µW/cm² at 38 cm (15 inches). The running time of the battery version is 6 hours.

BB 2.0 Artemis (Mains model PN: L1078, Battery model PN: L1079)

BB 2.0 Artemis has been tested to comply with both ASTM E3022-18 and ISO 3059-12 standards. It generates an intensity of approximately 22 000 µW/cm² at 38 cm (15 inches). The running time of the battery version is 5 hours. This very high intensity UV light is ideal for the Oil & Gas industry and pipeline related users.

FACTS ABOUT BB 2.0 HELIOS and BB 2.0 ARTEMIS

Output Characteristics	BB 2.0 Helios	BB 2.0 Artemis
Intensity	≈ 9 000 µW/cm²	≈ 22 000 µW/cm²
Visible light	<3 lux / 0.3 fc	< 8 lux / 0.7 fc
Beam > 1 000 µW/cm²	Ø 11 inches / 28 cm	Ø 10.3 inches / 26 cm

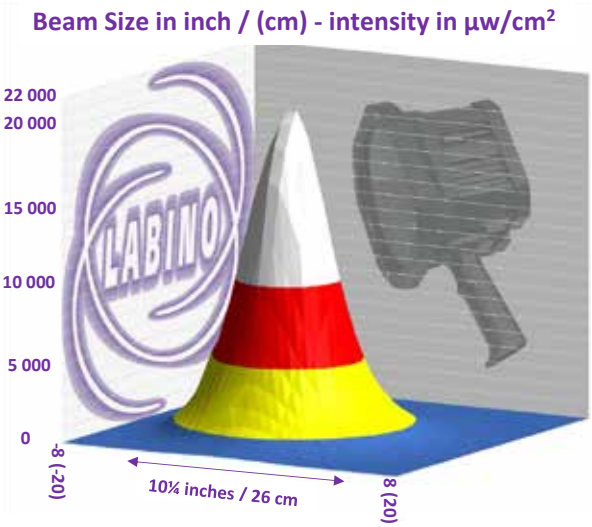
At a distance of 38 cm (15 inches)

OUTPUT CHARACTERISTICS FOR BB 2.0 ARTEMIS AT VARIOUS DISTANCES

Distance:	Beam diameter > 1 000 µW/cm²	Beam diameter > 300 µW/cm²
15 inches / 38 cm	Ø 9.1 inches/23 cm	Ø 11.1 inches/29 cm
45 inches / 114 cm	Ø 11.8 inches/30 cm	Ø 19.3 inches/49 cm
75 inches / 190 cm	Ø 11.4 inches/29 cm	Ø 21.3 inches/54 cm

Beam profile > 1 000 µW/cm² measured at 15 inches / 38 cm of BB 2.0 Helios:

Beam profile > 1 000 µW/cm² measured at 15 inches / 38 cm of BB 2.0 Artemis:



COMPLIES WITH ASTM E3022-2018 Standard

COMPLIES WITH Rolls-Royce RRES 90061 Specification

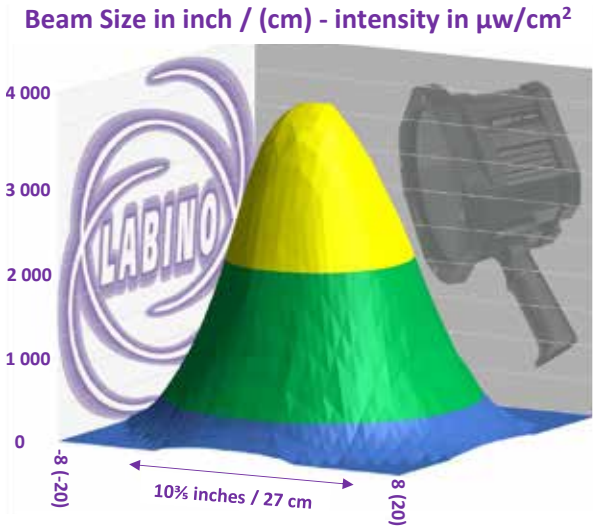
COMPLIES WITH Airbus AITM6-1001 Testing Method

COMPLIES WITH USAF Requirements

BB 2.0 Ikaros
(Mains model PN: L1074, Battery model PN: L1075)

BB 2.0 Ikaros has been tested to comply with both ASTM E3022-18 and ISO 3059-12 standards as well as with the internal requirements of all PRIMES listed on page 8, including Rolls-Royce RRES 90061 and Airbus AITM6-1001. It generates an intensity of approximately 4 000 µW/cm² at 38 cm (15 inches). The running time of the battery version is 7 hours. This is ideal for Aerospace users that need to comply with Nadcap related checklists.

Beam profile > 1 000 µW/cm² measured at 15 inches / 38 cm of BB 2.0 Ikaros:



FACTS ABOUT BB 2.0 IKAROS

Output Characteristics	BB 2.0 Ikaros
Intensity	≈ 4 000 µW/cm²
Visible light	< 1.5 lux / 0.1 fc
Beam > I 000 µW/cm²	Ø 10.6 inches / 27 cm

At a distance of 38 cm (15 inches)

BB 2.0 MAINS WITH CABLE WINDER
The mains version can be mounted on a cable winder with a 9.5 meter (31 feet) cable.

BATTERY VERSION PACKAGE INCLUDES:
Lamp, UV Block Goggles, Power supply for charging batteries while operating.

MAINS VERSION PACKAGE INCLUDES:
Lamp with 2 meter (6.6 feet) cord, Power Supply Unit 100-240V AC, AC power cord, UV Block Goggles.

TECHNICAL DATA

	BB 2.0 Artemis, BB 2.0 Helios and BB 2.0 Ikaros
UV LED:	8 (BB 2.0 Artemis, BB 2.0 Helios) 7 (BB 2.0 Ikaros)
Wavelength:	365 nm (peak) +/- 5 nm
Estimated LED life time:	30 000 hours
UV-B:	100% free from UV-B
Filter:	White light block filter
Power supply:	Battery or Mains
Weight DUO:	1.7 kg (3.7 lbs)
Weight Mains:	1.2 kg (2.6 lbs)
Battery running time:	
Ikaros	7 hours
Helios	6 hours
Artemis	5 hours

Accessories for BB 2.0 Series

	BB 2.0 Helios and BB 2.0 Ikaros
UV Block Visor (PN: S400)	
UV Block Goggles "XC" (PN: S505)	
Cable winder (PN: F175 for Mains units)	
Handle adaptor (PN: F146)	
Flexible Arm for BB 2.0 Series (PN: A536)	
Fricton Arm (PN: A530)	
Mounting Yoke and brackets for stationary mounting (PN: F800 & F801)	
Protection PSU Bracket (PN: F211)	
Magnet for PSU (PN: A601)	
Protection Clear Glass Filter (PN: F132)	
Customized Carrying Case (PN: C4200 for Mains) (PN: C4100 for Battery)	

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") ($\mu W/cm^2$)	COMPLIES WITH ASTM E3022-2018 Standard	COMPLIES WITH Rolls-Royce RRES 90061 Specification	COMPLIES WITH Airbus AITM6-1001 Testing Method	COMPLIES WITH Pratt & Whitney Requirements	COMPLIES WITH The Boeing Co Requirements	COMPLIES WITH ISO 3059-12 Standard	COMPLIES WITH USAF Requirements
GX SERIES – OVERHEAD LIGHT									
GX Orion REMOTE	✓	1500-7 000	✓	–	–	–	–	✓	–
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 Floodight	–	≈ 4 000	✓	✓	✓	✓	✓	✓	✓
UVG5 2.0 Spotlight	Optional	≈ 80 000	✓	–	–	–	–	✓	–
UVG5 2.0 Midlight	Optional	≈ 9 000	✓	–	✓	✓	–	✓	✓
UVG5 2.0 Floodight	–	≈ 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).