



MB 3.0 Zeus

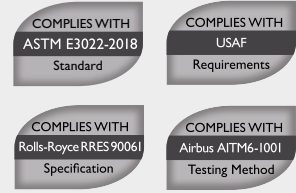
(Mains model PN: L119, Battery model PN: L118)

MB 3.0 Hermes

(Mains model PN: L121, Battery model PN: L120)

MB 3.0 Selene (Mains model PN: L139, Battery model PN: L138)

MB 3.0 Atlas (Mains model PN: L125, Battery model PN: L124)



2 Year warranty

This compact light is simply Genius! A combination of smart mechanics and efficient electronics, designed to survive extreme temperatures and harsh working conditions, 24 x 7. Penetrant resistant, with acoustic battery indicator and certified with an ingress protection marking of IP68. Depending on the model, the beam diameter is 8-9 inches / 20-22 cm and with intensities that vary from $\approx 4\ 000$ to $9\ 000\ \mu\text{W}/\text{cm}^2$. Zeus and Selene are equipped with a strong white light as well.



OPTIONAL SPRAY CAN HOLDER ACCESSORY "ATHENA"

Athena mounts on the light and can fit ALL aerosol brands that are used in NDT. Buy it factory installed or add it later (PN: A503).



OPTIONAL MEASUREMENT ACCESSORY "OLYMPUS"

Your daily NADCAP and/or ASTM E3022-18 checks can be carried out accurately with an Olympus stand (PN: A542) and an Apollo 3.0 dual meter (PN: M513).



AC (MAINS) POWERED MODELS

come with 4 meters (13 ft) cables, but length can be customized. Add a Flexible arm accessory (PN: A538) near your mag bench for convenience.



BATTERY POWERED MODELS

Powered by two Li-ion batteries that can be recharged either by a cigarette outlet in a vehicle, a wall outlet or a PSU charger (without removing the batteries) – 2 hours charging time.



ACOUSTIC BATTERY INDICATOR

gives NDT technicians warning sounds indicating the remaining battery run time of the light.



BATTERY VERSION PACKAGE INCLUDES:

Lamp, Car Charger, Four Batteries, UV Block Goggles, External Charger for wall outlet, Carrying Case, Belt holster, Power supply for charging batteries while operating.



MAINS VERSION PACKAGE INCLUDES:

Lamp with 4 meter (13 feet) cord, Power Supply Unit 100-240V AC, AC power cord, UV Block Goggles, Carrying Case. The cord can be customized to the length of your choice.

MB 3.0 Series products Zeus, Hermes, Selene and Atlas are lights with UV-A output. They are compact and weigh less than many comparable products but are extremely robust in nature, designed for heavy industries with very difficult operating environments. The AC (mains) operated model weighs just 650 grams (1.4 lbs) and the battery operated model weighs just 680 grams (1.5 lbs).

The MB 3.0 Series 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 MB 3.0 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.



**MB 3.0 Zeus
(Mains model PN: L119, Battery model PN: L118)
MB 3.0 Hermes
(Mains model PN: L121, Battery model PN: L120)**

MB 3.0 Zeus and MB 3.0 Hermes have 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. MB 3.0 Hermes is also in compliance with USAF. These UV lights generate an intensity of approximately 4 000 μW/cm² at 38 cm (15 inches) and the battery version has a running time of 3.5 hours.

Difference between Zeus and Hermes: Zeus is equipped with a strong white light LED that generates more than 1 076 lux (100 fc) for after inspection. Hermes does not have a white light LED for organizations that do not allow use of white light.

The battery versions of MB 3.0 Zeus and MB 3.0 Hermes have a useful accessory, the Athena spray can holder, which works with all aerosol brands. Get it factory installed or add one later (PN: A503).

MB 3.0 Zeus (battery) with Athena, PN: L122.
MB 3.0 Hermes (battery) with Athena, PN: L123.

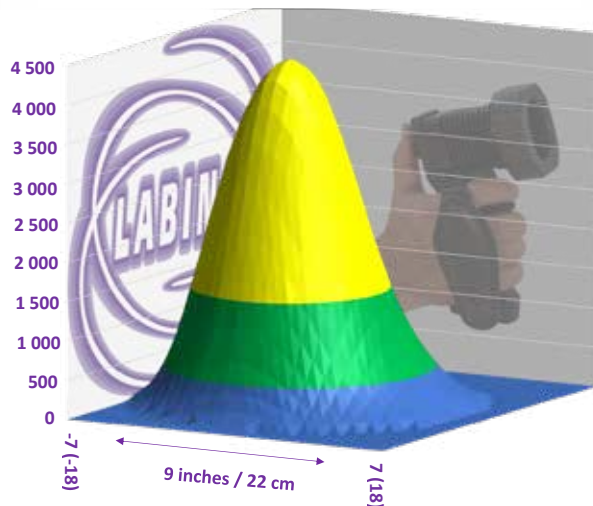
FACTS ABOUT MB 3.0 ZEUS, MB 3.0 HERMES

Output Characteristics	MB 3.0 Zeus MB 3.0 Hermes
Intensity	≈ 4 000 $\mu\text{W}/\text{cm}^2$
Visible light	< 2 lux / 0.2 fc
Beam > 1 000 $\mu\text{W}/\text{cm}^2$	Ø 9 inches / 22 cm

At a distance of 38 cm (15 inches)

Beam profile > 1 000 $\mu\text{W}/\text{cm}^2$ measured at 15 inches / 38 cm of Zeus and Hermes:

Beam Size in inch / (cm) - intensity in $\mu\text{W}/\text{cm}^2$



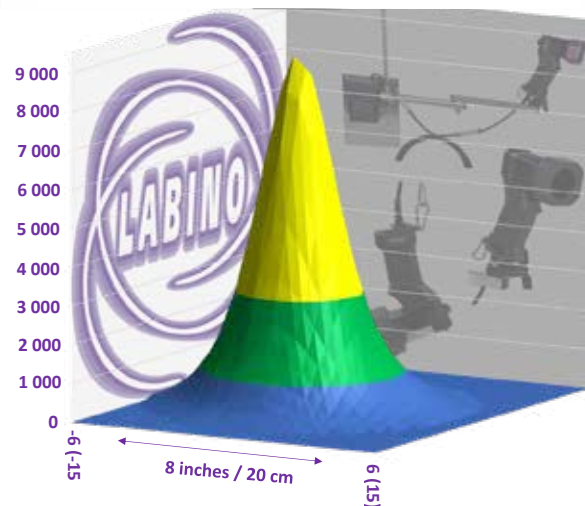
FACTS ABOUT MB 3.0 SELENE, MB 3.0 ATLAS

Output Characteristics	MB 3.0 Selene MB 3.0 Atlas
Intensity	≈ 9 000 $\mu\text{W}/\text{cm}^2$
Visible light	< 4 lux / 0.4 fc
Beam > 1 000 $\mu\text{W}/\text{cm}^2$	Ø 8 inches / 20 cm

At a distance of 38 cm (15 inches)

Beam profile > 1 000 $\mu\text{W}/\text{cm}^2$ measured at 15 inches / 38 cm of Selene and Atlas:

Beam Size in inch / (cm) - intensity in $\mu\text{W}/\text{cm}^2$



FACTS ABOUT MB 3.0 SERIES

Part Number	Model	White Light	Battery Run Time	UV Intensity	Beam Size
L118	MB 3.0 Zeus Battery	YES	3.5 hours	4 000 $\mu\text{W}/\text{cm}^2$	Ø 9 inches / 22 cm
L119	MB 3.0 Zeus Mains	YES	N/A	4 000 $\mu\text{W}/\text{cm}^2$	Ø 9 inches / 22 cm
L120	MB 3.0 Hermes Battery	NO	3.0 hours	4 000 $\mu\text{W}/\text{cm}^2$	Ø 9 inches / 22 cm
L121	MB 3.0 Hermes Mains	NO	N/A	4 000 $\mu\text{W}/\text{cm}^2$	Ø 9 inches / 22 cm
L138	MB 3.0 Selene Battery	YES	2.5 hours	9 000 $\mu\text{W}/\text{cm}^2$	Ø 8 inches / 20 cm
L139	MB 3.0 Selene Mains	YES	N/A	9 000 $\mu\text{W}/\text{cm}^2$	Ø 8 inches / 20 cm
L124	MB 3.0 Atlas Battery	NO	2.5 hours	9 000 $\mu\text{W}/\text{cm}^2$	Ø 8 inches / 20 cm
L125	MB 3.0 Atlas Mains	NO	N/A	9 000 $\mu\text{W}/\text{cm}^2$	Ø 8 inches / 20 cm



MB 3.0 Selene
(Mains model PN: L139, Battery model PN: L138)
MB 3.0 Atlas
(Mains model PN: L125, Battery model PN: L124)

MB 3.0 Selene and MB 3.0 Atlas have been tested to comply with ASTM E3022-18 and ISO 3059-12 standards. Both models comply with Airbus AITM6-1001 at a working distance of 21 inches (53 cm). MB 3.0 Atlas complies with the internal requirements of US Airforce as well. These UV lights generate an intensity of approximately 9 000 $\mu\text{W}/\text{cm}^2$ at 38 cm (15 inches) and the battery version has a running time of 2.5 hours.

Difference between Selene and Atlas: Selene is equipped with a strong white light LED that generates more than 1 076 lux (100 fr) for after inspection. Atlas does not have a white light LED for organizations that do not allow use of white light.

The battery versions of MB 3.0 Selene and MB 3.0 Atlas has a useful accessory, the Athena spray can holder, which works with all aerosol brands. Get it factory installed or add one later (PN: A503).

MB 3.0 Selene (battery) with Athena, PN: L140.
 MB 3.0 Atlas (battery) with Athena, PN: L126.

TECHNICAL DATA

	MB 3.0 Zeus, MB 3.0 Hermes, MB 3.0 Selene and MB 3.0 Atlas
UV LED:	4 (MB 3.0 Zeus, MB 3.0 Hermes) 3 (MB 3.0 Selene, MB 3.0 Atlas)
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 Battery:	680 grams (1.5 lbs)
Weight Mains:	650 grams (1.4 lbs)
Zeus/Hermes Battery running time:	3.5 hours (+/- 5%)
Selene/Atlas Battery running time:	2.5 hours (+/- 5%)

Accessories for MB 3.0 Series

MB 3.0 Zeus, MB 3.0 Hermes, MB 3.0 Selene, MB 3.0 Atlas	
UV Block Visor (PN: S400)	
UV Block Goggles "XC" (PN: S505)	
Flexible Arm for MB 2.0 Series (PN: A538 for Mains units) (PN: A541 for Battery units)	
Friction Arm (PN: A530)	
Rubber Bumper (PN: F106)	
Protection PSU Bracket (PN: F211)	
Magnet for PSU (A601)	
Customized Carrying Case (PN: C1002) (PN: C1003 w / Athena)	
Thumb Screws for Battery Lid (F105)	



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 RRES 90061 Specification	COMPLIES WITH Airbus AITM/6-1001 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).