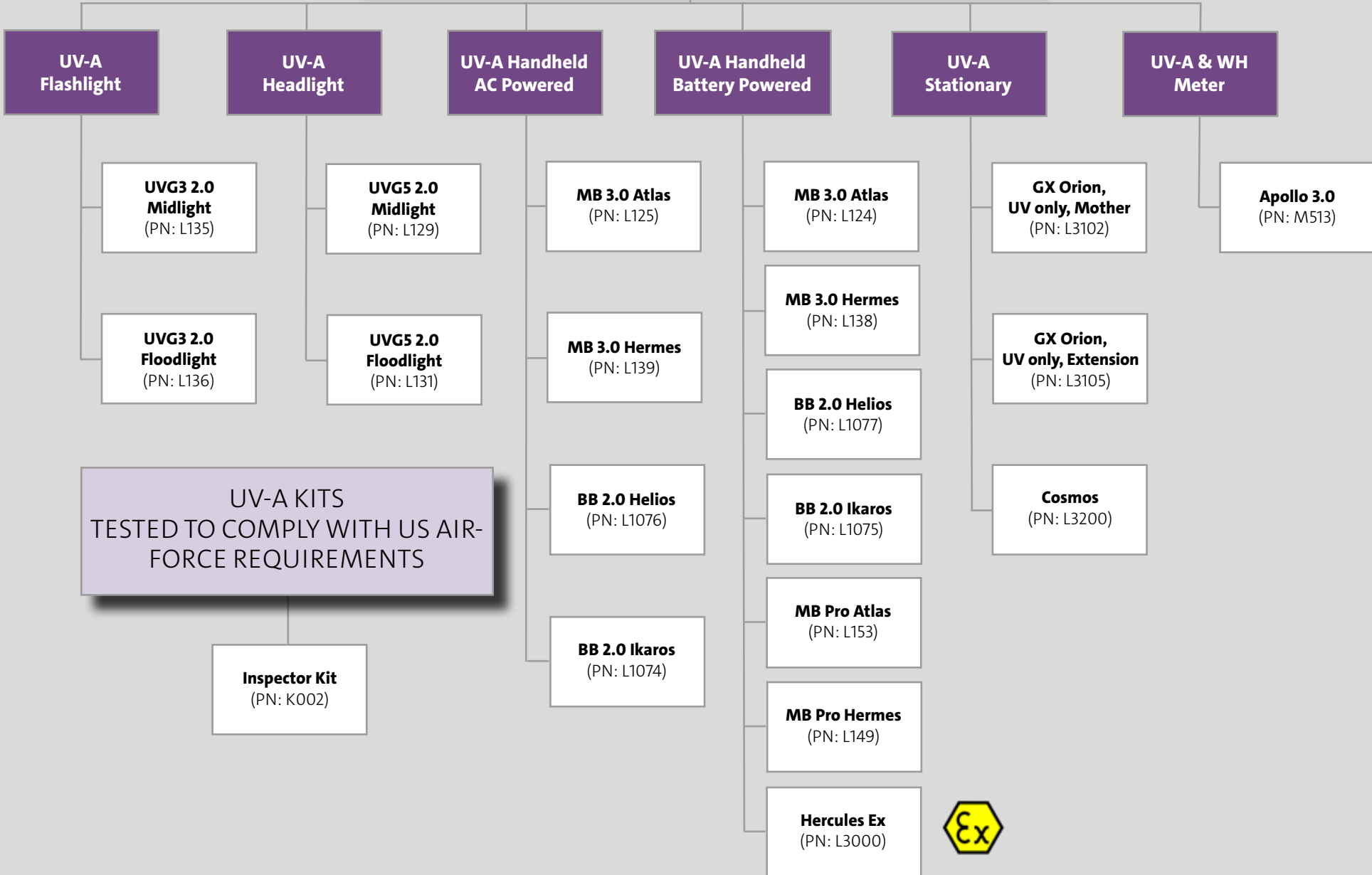


**UV-A LIGHTS**  
TESTED TO COMPLY WITH US AIRFORCE REQUIREMENTS





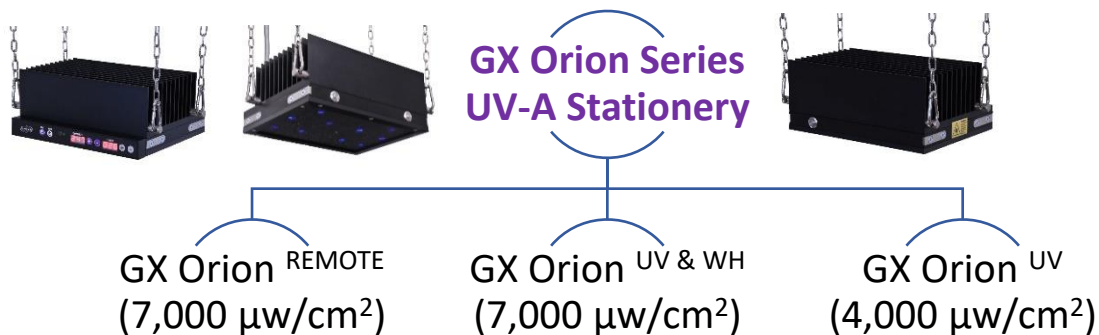
Accessories:	Part Number	GX Orion	BB 2.0 Mains	BB 2.0 Battery	MB 3.0 Mains	MB 3.0 Battery	UVG3 2.0 Series	UVG5 2.0 Series	Apollo Meter
UVG GOOSENECK ARM	A532						•		
MB GOOSENECK ARM	A533					•			
MB BELT HOLSTER	A504					•			
UVG RUBBER BUMPER	F107						•		
FLEXIBLE ARM	A536, A538, A541		•	•	•	•			
FRICITION ARM	A530		•	•	•	•			
OLYMPUS	A542		•	•	•	•	•	•	•
MB RUBBER BUMPER	F111				•	•			
FOOT PEDAL	A605	•							
POWER BUTTON	A606	•							
CABLE WINDER	F175		•						
MOUNTING YOKE	F800 & F801		•	•					
UV VISOR	S401	•	•	•	•	•	•		
MAGNET FOR PSU HOLDER	A601	•	•	•	•				
THUMB SCREWS	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") ( $\mu\text{W}/\text{cm}^2$ )	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	
<b>GX SERIES – OVERHEAD LIGHT</b>										
<b>GX Orion REMOTE</b>	✓	1 500-7 000	✓	–	–	–	–	✓	–	
<b>GX Orion UV &amp; WH</b>	✓	≈ 7 000	✓	–	–	✓	–	✓	–	
<b>GX Orion UV</b>	–	≈ 4 500	✓	✓	✓	✓	✓	✓	✓	
<b>BB 2.0 SERIES – HANDHELD LIGHT</b>										
<b>BB 2.0 Helios</b>	–	≈ 9 000	✓	–	–	✓	–	✓	✓	
<b>BB 2.0 Ikaros</b>	–	≈ 4 000	✓	✓	✓	✓	✓	✓	✓	
<b>BB 2.0 Artemis</b>	–	≈ 22 000	✓	–	–	–	–	✓	–	
<b>MB 3.0 SERIES – HANDHELD LIGHT</b>										
<b>Hercules Ex</b>	–	≈ 4 000	✓	✓	✓	✓	✓	✓	✓	
<b>MB 3.0 Zeus</b>	✓	≈ 4 000	✓	✓	✓	✓	✓	✓	–	
<b>MB 3.0 Zeus with Athena</b>	✓	≈ 4 000	✓	✓	✓	✓	✓	✓	–	
<b>MB 3.0 Hermes</b>	–	≈ 4 000	✓	✓	✓	✓	✓	✓	✓	
<b>MB 3.0 Hermes with Athena</b>	–	≈ 4 000	✓	✓	✓	✓	✓	✓	✓	
<b>MB 3.0 Selene</b>	✓	≈ 9 000	✓	–	–	✓	–	✓	–	
<b>MB 3.0 Selene with Athena</b>	✓	≈ 9 000	✓	–	–	✓	–	✓	–	
<b>MB 3.0 Atlas</b>	–	≈ 9 000	✓	–	–	✓	–	✓	✓	
<b>MB 3.0 Atlas with Athena</b>	–	≈ 9 000	✓	–	–	✓	–	✓	✓	
<b>UVG3/5 2.0 SERIES – FLASHLIGHT / HEADLIGHT</b>										
<b>UVG3 2.0 Spotlight</b>	–	≈ 80 000	✓	–	–	–	–	✓	–	
<b>UVG3 2.0 Midlight</b>	–	≈ 9 000	✓	–	–	✓	–	✓	✓	
<b>UVG3 2.0 Floodlight</b>	–	≈ 4 000	✓	✓	✓	✓	✓	✓	✓	
<b>UVG5 2.0 Spotlight</b>	Optional	≈ 80 000	✓	–	–	–	–	✓	–	
<b>UVG5 2.0 Midlight</b>	Optional	≈ 9 000	✓	–	✓	✓	–	✓	✓	
<b>UVG5 2.0 Floodlight</b>	–	≈ 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).





**What is included with the Extension Unit:**



**What is included with the Mother Unit:**



ACCESSORY PRODUCT PICTURE	PRODUCT DESCRIPTION	PRODUCT PART NUMBERS
	<b>FOOT PEDAL</b> – ON/OFF for UV only	<b>A605</b> - Foot Pedal for GX Series
	<b>POWER BUTTON</b> – ON/OFF for UV only	<b>A606</b> - Power Button for GX Series

**MODEL COMPLIANCE:**

**L3100**  
**L3101**  
**L3102**

COMPLIES WITH  
**ASTM E3022-2018**  
Standard

**L3102**

COMPLIES WITH  
Rolls-Royce RRES90061  
Specification

COMPLIES WITH  
Airbus AITM6-1001  
Testing Method

COMPLIES WITH  
USAF  
Requirements

**BB 2.0 Series  
UV-A Handheld**



BB 2.0 Ikaros  
(4,000  $\mu\text{w}/\text{cm}^2$ )

BB 2.0 Helios  
(9,000  $\mu\text{w}/\text{cm}^2$ )

BB 2.0 Artemis  
(22,000  $\mu\text{w}/\text{cm}^2$ )

AC Power  
PN: L1074

AC Power  
PN: L1076

AC Power  
PN: L1078

Battery (7 hrs)  
PN: L1075

Battery (6 hrs)  
PN: L1077

Battery (5 hrs)  
PN: L1079



ACCESSORY PRODUCT PICTURE	PRODUCT DESCRIPTION	PRODUCT PART NUMBERS
	<p><b>FLEXIBLE ARM</b> – This accessory can be mounted on a wall or other hard surface via screw holes on the black plate. The black plate also has a pocket for the power supply unit. It can be used to hold either the BB Series lights or the MB Series lights. Both the battery or mains versions of the BB Series (all models) can be mounted on a flexible arm via a handle adaptor (F146). They are mounted via a round pin.</p>	<p><b>A536</b> - Flexible Arm for BB Series Units (Mains &amp; Battery) – includes Handle Adaptor for BB Series (F146)</p>

MODEL COMPLIANCE:

**L1074** **L1075**  
**L1076** **L1077**  
**L1078** **L1079**

COMPLIES WITH  
ASTM E3022-2018  
Standard

**L1074**  
**L1075**

COMPLIES WITH  
Rolls-Royce RRES 90061  
Specification

COMPLIES WITH  
Airbus AITM6-1001  
Testing Method

COMPLIES WITH  
USAF  
Requirements

	<p><b>FRICTION ARM</b> – This accessory can be used to hold all Labino handheld lights, BB Series, MB Series, UVG Series, MPXL lights.</p> <p>It comes with two clamps, one to mount the light one and one to mount on a bench or other hard surface. A tripod is also included that can replace the lower clamp.</p> 	<p><b>A530</b> - Friction Arm for BB Series and MB Series</p>
	<p><b>CABLE WINDER</b> – This cable winder can be mounted on the ceiling or a wall. It is used to hold the BB Series Mains models. The extended cable length is 31 ft or 9.5 meters.</p>	<p><b>F175</b> – Cable Winder for BB Mains</p>
	<p><b>MOUNTING YOKE</b> – The yoke, brackets and screws below can be used to mount a BB Series light or any MPXL light on a wall or wood surface.</p> 	<p><b>F800 &amp; F801</b> – Mounting yoke with brackets and screws</p>

MODEL COMPLIANCE:

**L1074** **L1075**  
**L1076** **L1077**  
**L1078** **L1079**

COMPLIES WITH  
**ASTM E3022-2018**  
 Standard

**L1074**  
**L1075**

COMPLIES WITH  
 Rolls-Royce RRES90061  
 Specification

COMPLIES WITH  
 Airbus AITM6-1001  
 Testing Method

COMPLIES WITH  
 USAF  
 Requirements



### MB 3.0 Series UV-A Handheld

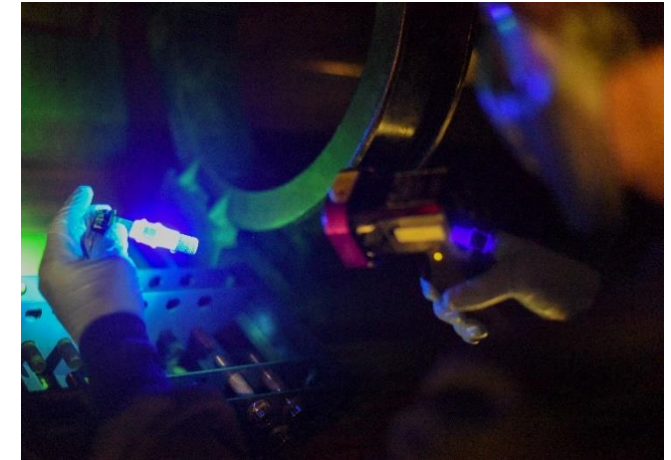


MB 2.0 Poseidon  
(Blue Light)

Hercules EX  
PN: L3000



MB 2.0 Iris  
PN: L2533



PN: L123 - MB 3.0 Hermes Battery  
with Athena Spray can holder

PN: L122 - MB 3.0 Zeus Battery  
with Athena Spray can holder

\* with white light

MB 3.0 Hermes  
(4,500  $\mu\text{w}/\text{cm}^2$ )

MB 3.0 Zeus \*  
(4,500  $\mu\text{w}/\text{cm}^2$ )

MB 3.0 Atlas  
(9,000  $\mu\text{w}/\text{cm}^2$ )

MB 3.0 Selene \*  
(9,000  $\mu\text{w}/\text{cm}^2$ )

PN: L126 - MB 3.0 Atlas Battery  
with Athena Spray can holder

PN: L140 - MB 3.0 Selene Battery  
with Athena Spray can holder

AC Power  
PN: L121

AC Power  
PN: L119

AC Power  
PN: L125

AC Power  
PN: L139

Battery Power  
PN: L120

Battery Power  
PN: L118

Battery Power  
PN: L124

Battery Power  
PN: L138



MODEL COMPLIANCE:

L118 L124  
L119 L125  
L120 L138  
L121 L139

COMPLIES WITH  
ASTM E3022-2018  
Standard









L118  
L119  
L120  
L121

COMPLIES WITH  
Rolls-Royce RRES 90061  
Specification

COMPLIES WITH  
Airbus AITM6-1001  
Testing Method

L120  
L121  
L124  
L125

COMPLIES WITH  
USAF  
Requirements

ACCESSORY PRODUCT PICTURE	PRODUCT DESCRIPTION	PRODUCT PART NUMBERS
	<p><b>ATHENA SPRAY CAN HOLDER</b> – Athena can be used to hold all types of aerosol cans. It has a trigger and a mechanism to allow spraying of chemicals while irradiating the UV. Especially useful in yoke inspections.</p>	<p><b>A503</b> – Athena spray can holder only (if you already have a MB 3.0 Series). Part numbers for factory installed MB 3.0 Series with Athena are listed on the previous page.</p>
	<p><b>MB VARIABLE GOOSENECK ARM</b> – The MB arm has a clamp at the lower part that mounts on a bench or a hard surface and a screw at the top especially designed to fit the MB series lights. The heavy-duty snake shape body allows the user to form any angle required to keep the MB facing a specific position.</p>	<p><b>A533</b> – MB Variable Gooseneck Arm</p>
	<p><b>MB BELT HOLSTER</b> – This accessory fits all MB Series Battery units such as MB 3.0 Zeus, MB 3.0 Hermes and the Hercules. It has a pocket on the site to fit extra batteries. You can secure it on your regular belt.</p>	<p><b>A504</b> – MB Belt holster</p>
	<p><b>FLEXIBLE ARM</b> – This accessory can be mounted on a wall or other hard surface via screw holes on the black plate. The black plate also has a pocket for the power supply unit. It can be used to hold either the BB Series lights or the MB Series lights. Only the MB Series mains models are mounted on a flexible arm, via a squared ½ inch pin.</p>	<p><b>A538</b> - Flexible Arm for MB Series Mains Units  <b>A541</b> - Flexible Arm for MB Series Battery Units</p>
	<p><b>FRICTION ARM</b> – This accessory can be used to hold all Labino handheld lights, BB Series, MB Series, UVG Series. It comes with two clamps, one to mount the light one and one to mount on a bench or other hard surface. A tripod is also included that can replace the lower clamp.</p>	<p><b>A530</b> - Friction Arm for BB Series and MB Series</p> 
	<p><b>MB RUBBER BUMPER</b> – The Rubber Bumper for the MB Series is mounted around the front bezel and protects the light from drops. It is penetrant resistant.</p>	<p><b>F111</b> – Rubber Bumper for MB Series</p>
	<p><b>THUMB SCREWS</b> – Allows the battery compartment to open without a tool. Especially useful if a user is working on the field and has no tools available.</p>	<p><b>F105</b> – Thumb screws for MB Series (Battery)</p>

MODEL COMPLIANCE:

L118 L124  
 L119 L125  
 L120 L138  
 L121 L139

COMPLIES WITH  
**ASTM E3022-2018**  
 Standard

L118  
 L119  
 L120  
 L121

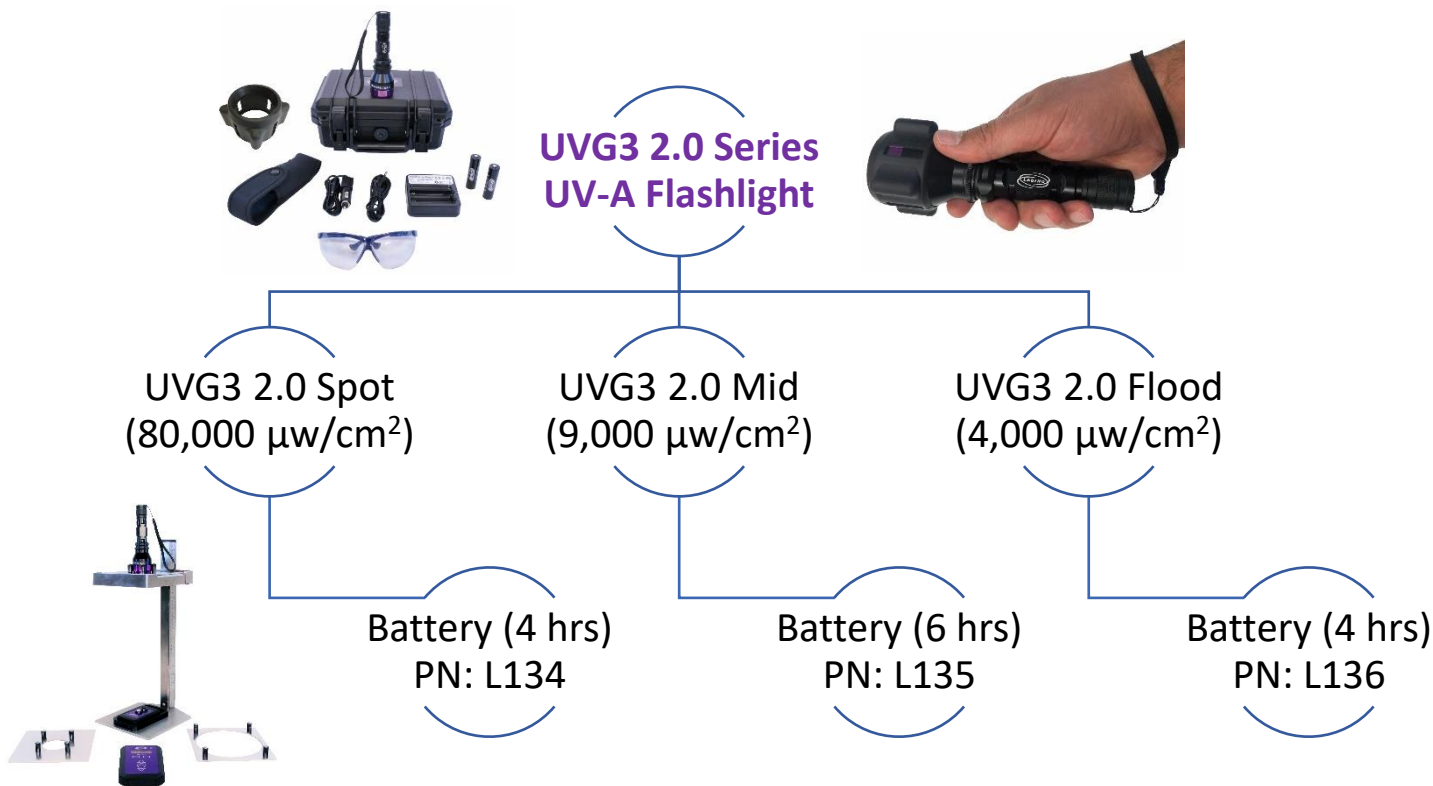
COMPLIES WITH  
**Rolls-Royce RRES 90061**  
 Specification



COMPLIES WITH  
**Airbus AITM6-1001**  
 Testing Method

L120  
 L121  
 L124  
 L125

COMPLIES WITH  
**USAF**  
 Requirements





ACCESSORY PRODUCT PICTURE	PRODUCT DESCRIPTION	PRODUCT PART NUMBERS
	<b>UVG VARIABLE GOOSENECK ARM</b> – The UVG arm has a clamp at the lower part that mounts on a bench or a hard surface and a clamp at the top especially designed to fit the UVG series torches. The snake shape body allows the user to form any angle required to keep the torch fixed on a specific position.	<b>A532</b> – UVG Variable Gooseneck Arm
	<b>UVG RUBBER BUMPER</b> – The Rubber Bumper for the UVG Series is mounted around the front round bezel and protects the light from drops but also from rolling. It is penetrant resistant.	<b>F107</b> – Rubber Bumper for UVG Series

MODEL COMPLIANCE:

**L134**  
**L135**  
**L136**

COMPLIES WITH  
**ASTM E3022-2018**  
Standard

**L136**

COMPLIES WITH  
**Rolls-Royce RRES 90061**  
Specification

COMPLIES WITH  
**Airbus AITM6-1001**  
Testing Method

COMPLIES WITH  
**USAF**  
Requirements



**UVG5 2.0 Series  
UV-A Headlight**



UVG5 2.0 Spot  
(80,000  $\mu\text{w}/\text{cm}^2$ )

UVG5 2.0 Mid  
(9,000  $\mu\text{w}/\text{cm}^2$ )

UVG5 2.0 Flood  
(4,000  $\mu\text{w}/\text{cm}^2$ )

UV-A & WH Battery (8 hrs)  
PN: L127

UV-A & WH Battery (12 hrs)  
PN: L128

UV-A & WH Battery (10 hrs)  
PN: L130

UV-A Battery (14 hrs)  
PN: L129

UV-A Battery (10 hrs)  
PN: L131



**MODEL COMPLIANCE:**

**L127 L130**  
**L128 L131**  
**L129**

COMPLIES WITH  
ASTM E3022-2018  
Standard

**L130 L131**  
COMPLIES WITH  
Rolls-Royce RRES 90061  
Specification

COMPLIES WITH  
Airbus AITM6-1001  
Testing Method

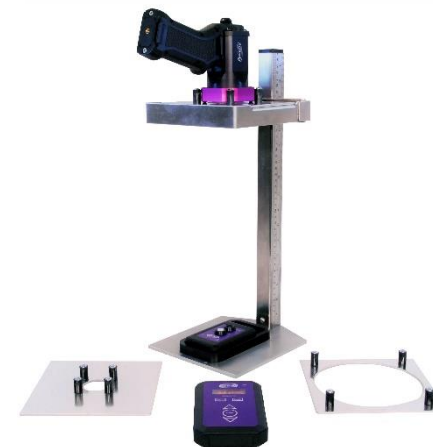
COMPLIES WITH  
USAF  
Requirements

Apollo 3.0 UV & WH meter



Apollo 3.0 Single kit - PN: M513

Apollo 3.0 double kit - PN: M514

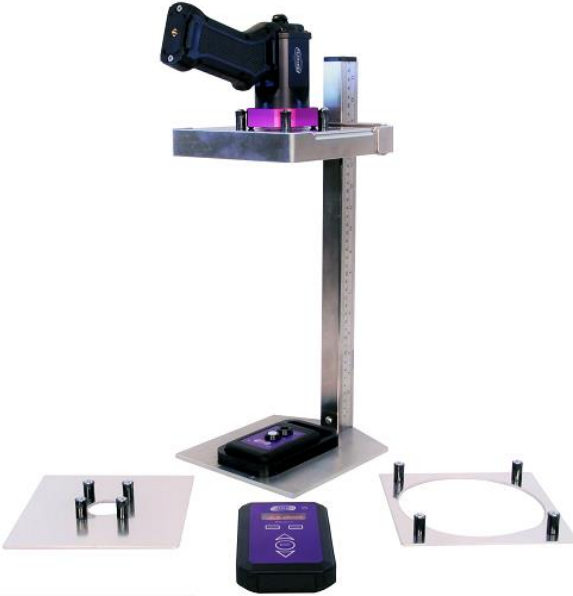





MODEL COMPLIANCE:

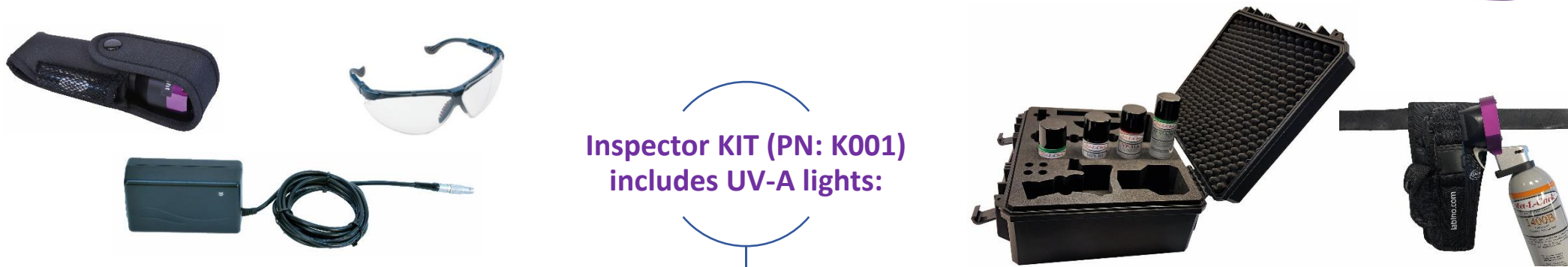
**M513**  
**M514**

COMPLIES WITH  
ISO 3059-I2  
Standard

MEASUREMENT AND SAFETY ACCESSORIES:

ACCESSORY PRODUCT PICTURE	PRODUCT DESCRIPTION	PRODUCT PART NUMBERS
	<p><b>OLYMPOS</b> – Olympus measurement stand is a tool created to help NDT Technicians that claim compliance with any of the following standards: E3022-18, Rolls-Royce RRES 90061, Airbus AITM-1001, to stay in compliance, by conducting regular measurement checks on their lights at 15 inches (38 cm).</p>  <p>The Olympus measurement stand comes in 5 pieces, a stand that has a scale on the side and 4 different plates as above that all fit the various handheld lights manufactured by Labino. The small plate fits the UVG Series, the medium plate fits the MB Series and the large scale fits the BB Series.</p>	<p><b>A542</b> - Olympus Measurement Stand for Apollo 2.0</p>
	<p><b>UV BLOCK VISOR</b> – Offers maximum possible protection from UV light.</p>	<p><b>S401</b> – UV Block Visor</p>
	<p><b>MAGNET FOR PSU HOLDER</b> – The magnet mounts on the PSU holder and keeps the cables on a steel surface conveniently away from the actual inspection area.</p>	<p><b>A601</b> – Magnet for PSU holder</p>





Inspector KIT (PN: K001) includes UV-A lights:

MB 3.0 Zeus - L122

UVG3 2.0 Midlight - L135

UVG5 2.0 Midlight - L128

Apollo 3.0 UV & WH meter - PN: M513



**NOTE 1:** UV-A Lights can be replaced with other models within the same series upon request.

**NOTE 2:** US Airforce NDT Technicians should instead ask for **K002:** MB 2.0 Hermes with Athena (PN: L2531), UVG5 2.0 Midlight UV-A headlight (PN: L129), Apollo 3.0 (PN: M513). UVG3 2.0 Midlight (PN: L135) stays the same.

MODEL COMPLIANCE:

COMPLIES WITH  
ASTM E3022-2018  
Standard

COMPLIES WITH  
Rolls-Royce RRES 90061  
Specification

COMPLIES WITH  
Airbus AITM6-1001  
Testing Method

COMPLIES WITH  
USAF  
Requirements

COMPLIES WITH  
ISO 3059-12  
Standard





# Available combinations of NDT Inspector Kits

**PN: K001 NDT INSPECTOR KIT "STOCKHOLM" - (1 MB 3.0 HANDHELD, 1 UVG3 2.0 FLASHLIGHT, 1 UVG5 2.0 HEADLIGHT, 1 APOLLO 3.0 RADIOMETER/PHOTOMETER)**



**MB 3.0 ZEUS**  
UV-A & WH handheld light with Athena spray can holder – PN: L122.



**UVG3 2.0 MIDLIGHT**  
UV-A flashlight with rubber bumper – PN: L135.



**UVG5 2.0 MIDLIGHT**  
UV-A & WH headlight with bump cap – PN: L128.



**APOLLO 3.0**  
UV-A & White light meter calibrated by an ISO/ IEC 17025 laboratory – PN: M513.

**CARRYING CASE**

Fits all three UV-A lights (MB 3.0 Zeus with Athena, UVG3 2.0, UVG5 2.0), Apollo 3.0 meter and accessories. Carrying case has pockets for 4 Aerosol cans (Aerosols not included).



**PN: K002 NDT INSPECTOR KIT "US AIRFORCE" - (1 MB 3.0 HANDHELD, 1 UVG3 2.0 FLASHLIGHT, 1 UVG5 2.0 HEADLIGHT, 1 APOLLO 3.0 RADIOMETER/PHOTOMETER)**



**MB 3.0 ATLAS**  
UV-A handheld light with Athena spray can holder – PN: L126.



**UVG3 2.0 MIDLIGHT**  
UV-A flashlight with rubber bumper – PN: L135.



**UVG5 2.0 MIDLIGHT**  
UV-A headlight with bump cap – PN: L129.



**APOLLO 3.0**  
UV-A & White light meter calibrated by an ISO/ IEC 17025 laboratory – PN: M513.

**CARRYING CASE**

Fits all three UV-A lights (MB 3.0 Zeus with Athena, UVG3 2.0, UVG5 2.0), Apollo 3.0 meter and accessories. Carrying case has pockets for 4 Aerosol cans (Aerosols not included).



**PN: K003 NDT INSPECTOR KIT "GOTHENBURG" - (1 MB 3.0 HANDHELD, 1 UVG5 2.0 HEADLIGHT, 1 APOLLO 3.0 RADIOMETER/PHOTOMETER)**



**MB 3.0 ZEUS**  
UV-A & WH handheld light with Athena spray can holder – PN: L122.



**UVG5 2.0 MIDLIGHT**  
UV-A & WH headlight with bump cap – PN: L128.



**APOLLO 3.0**  
UV-A & White light meter calibrated by an ISO/ IEC 17025 laboratory – PN: M513.

**CARRYING CASE**

Fits all three UV-A lights (MB 3.0 Zeus with Athena, UVG3 2.0, UVG5 2.0), Apollo 3.0 meter and accessories. Carrying case has pockets for 4 Aerosol cans (Aerosols not included).



**PN: K004 NDT INSPECTOR KIT "MALMO" - (1 MB 3.0 HANDHELD, 1 UVG3 2.0 FLASHLIGHT, 1 APOLLO 3.0 RADIOMETER/PHOTOMETER)**



**MB 3.0 ZEUS**  
UV-A & WH handheld light with Athena spray can holder – PN: L122.



**UVG3 2.0 MIDLIGHT**  
UV-A flashlight with rubber bumper – PN: L135.



**APOLLO 3.0**  
UV-A & White light meter calibrated by an ISO/ IEC 17025 laboratory – PN: M513.

**CARRYING CASE**

Fits all three UV-A lights (MB 3.0 Zeus with Athena, UVG3 2.0, UVG5 2.0), Apollo 3.0 meter and accessories. Carrying case has pockets for 4 Aerosol cans (Aerosols not included).



**PN: K005 NDT INSPECTOR KIT "UPPSALA" - (1 MB 3.0 HANDHELD, 1 APOLLO 3.0 RADIOMETER/PHOTOMETER)**



**MB 3.0 ZEUS**  
UV-A & WH handheld light with Athena spray can holder – PN: L122.



**APOLLO 3.0**  
UV-A & White light meter calibrated by an ISO/ IEC 17025 laboratory – PN: M513.

**CARRYING CASE**

Fits all three UV-A lights (MB 3.0 Zeus with Athena, UVG3 2.0, UVG5 2.0), Apollo 3.0 meter and accessories. Carrying case has pockets for 4 Aerosol cans (Aerosols not included).





# APOLLO (PN: M513)

**4 Year warranty**

Radiometer/photometer measuring UV and visible light via a wireless sensor. Apollo 3.0 is traceable to NIST and is in compliance with ISO 3059. We calibrate Apollo 3.0 in accordance to ISO / IEC 17025. Our accreditation has been certified by SWEDAC and carries the accreditation number 10391.

Our Apollo 3.0 dual meter calibration services are now offered in **10 LOCATIONS WORLDWIDE**. These centers are in Chicago (USA), Houston (USA), Edmonton (CANADA), Stockholm (SWEDEN), Bilbao (SPAIN), St. Etienne de Tulmont (FRANCE), Milan (ITALY), Hinckley (U.K), Sydney (AUSTRALIA) and Kaohsiung (TAIWAN). All follow a specific calibration process proprietary to Labino and all have the same equipment.



**APOLLO 3.0 SINGLE KIT  
(PN: M513)**



**APOLLO 3.0 DOUBLE KIT  
(PN: M514)**

**Wireless**

**US Airforce Approval**



**ISO 17025 Calibration**

# OLYMPOS (PN: A542)

**Measurement Stand**

Measure the UV-A and white light output of any Labino UV-A LED light with accuracy at 15 inches (38 cm) and stay in compliance with pledged standards (ASTM E3022, ROLLS-ROYCE RRES 90061, AIRBUS AITM6-1001) and your internal procedures.

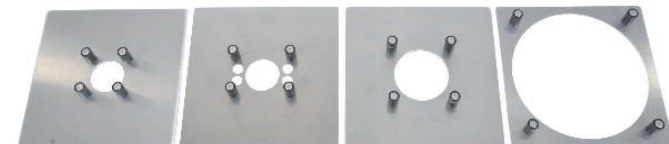


**BB 2.0 Series  
(UV Handheld)**

**UVG3 2.0 Series  
(UV Flashlight)**

**UVG5 2.0 Series  
(UV Headlight)**

**MB 3.0 Series  
(UV Handheld)**



**Four Interchangeable Plates**



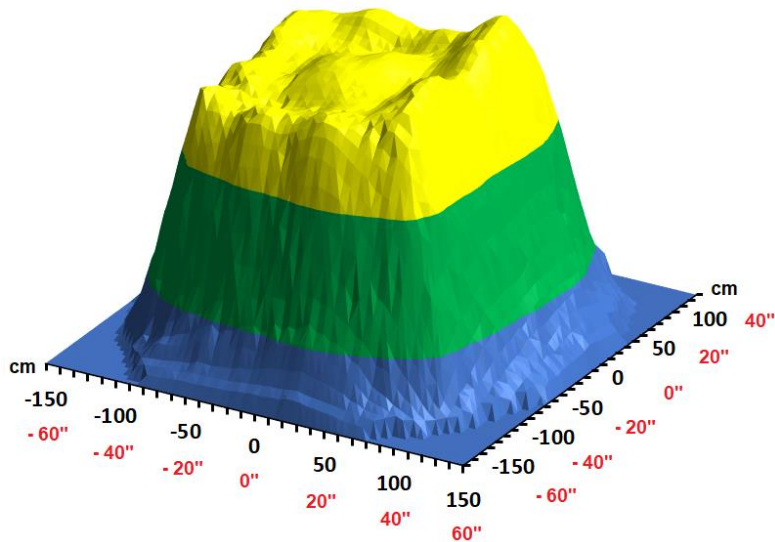
# COSMOS (PN: L3200)

## 4 Year warranty

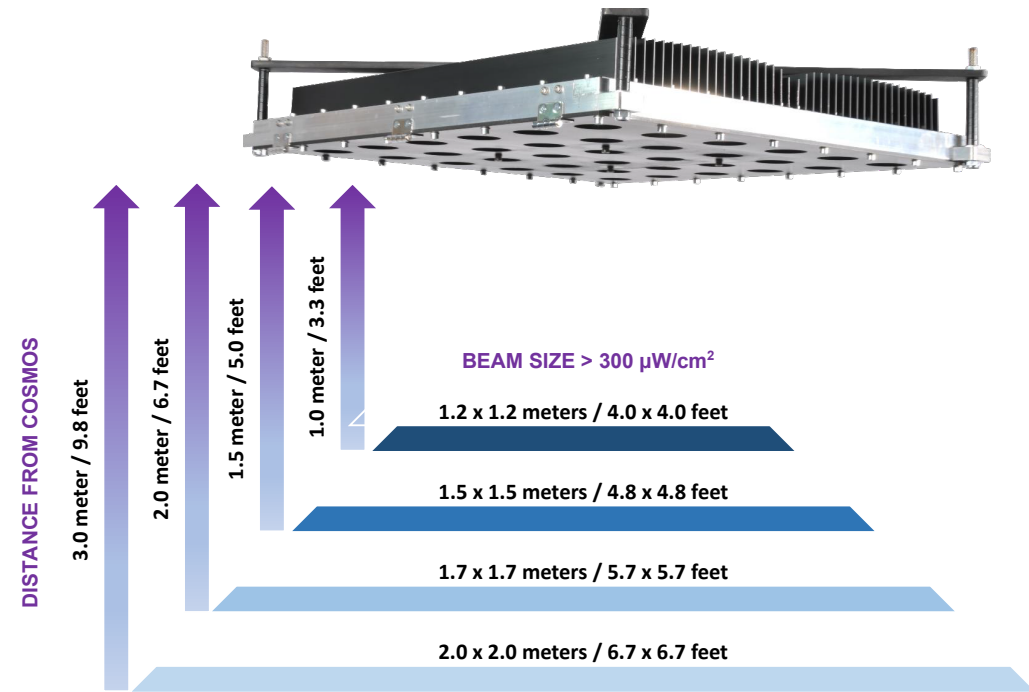
A unique product that was missing from the NDT industry. A UV-A light, specifically designed to withstand the harsh conditions of a wash station, covering an area of 2 x 2 meters (7 x 7 feet) from a distance of 3 meters (10 feet) – the largest UV-A beam in the world! Cosmos comes with a 4-year warranty.



Beam profile > 100  $\mu\text{W}/\text{cm}^2$  and > 300  $\mu\text{W}/\text{cm}^2$  measured from 3.0 meters / 9.8 feet:



## Cosmos generates the largest UV-A beam in the world!



### Cosmos Square beam avoids dead spots

### Cost Effective! 1 Cosmos = 13 competitor lights

