



EXPLOSIVE ATMOSPHERES

MB HERCULES EX

PRODUCT OVERVIEW

MB Hercules Ex is intended for non-destructive testing in explosive atmospheres. The enclosure is sealed to prevent a spark from causing an explosion. MB Hercules Ex is the first and only UV inspection light available on the market today with explosion proof approvals, that has been tested to comply with the ASTM E3022 as well as supplier requirements such as Rolls-Royce RRES 90061 and Airbus AIM6-1001.

Hercules Ex has successfully completed all tests leading to the ATEX certification for Group II, Zone II, NFPA 70 Article 500 for Class I (divisions II locations), the Salt Fog Test as per military standard 810F and the Explosive Atmosphere Test as per military standard 810G.

Certificates of compliance:

P/N L3000: MB HERCULES EX

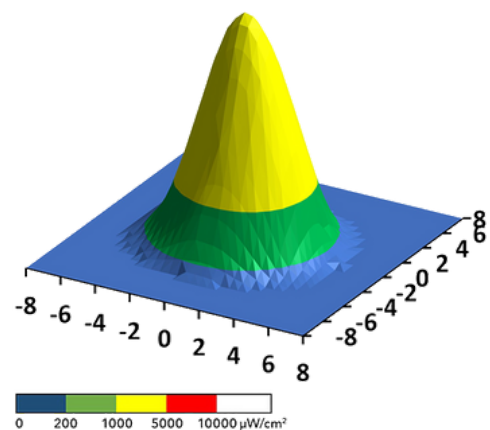
NSN for P/N L3000: 6635-64-002-1717

ATEX Type-examination Certificate:

ITS17ATEX402144X R.2

IECEx Certificate of Conformity: IECEx ITS

17.0056X



Beam Profile MB Hercules Ex

TECHNICAL SPECIFICATIONS

Model	Part.No.	UV-A LED	Peak UV irradiance ($\mu\text{W}/\text{cm}^2$) at 38.1 cm (15")	Weight (with batteries)	Beam diameter (> 1000 $\mu\text{W}/\text{cm}^2$)	Battery life	IP68
MB Hercules Ex	L147 L148	4	4	980 g (2.2 lb)	20 cm (7.9")	3h	Yes



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SPECIFICATIONS

MB HERCULES EX KIT CONTENTS

- 1 x Lamp
- 1 x Rubber bumper
- 1 x Charging PSU
- 1 x Power cord
- 1 x Charging dock
- 4 x Batteries
- 1 x UV block goggles
- 1 x Belt holster
- 1 x Carrying case

Charge without removing batteries. Charge only in non-explosive environment



On/Off switch at the back prevents accidental activation



Four high quality UV LEDs with respective high quality white light block filters that do not suffer from solarisation



It has successfully completed extremely tough tests, amongst them tests for thermal conditioning, Impact Tests, Drop Tests, IP tests that led to the ATEX certification. This unique product is suitable for use in extreme weather conditions varying from 104° Fahrenheit (+ 40° Celsius) to minus 4° Fahrenheit (- 20° Celsius).

COMPLIANCES

Model	Part.No	ASTM E3022	Rolls-Royce RRES9006 1	Airbus AITM6-1001	USAF	Pratt & Whitney	The Boeing Co.	ISO 3059-12	Other
MB Hercules Ex	L3000	Yes	Yes	Yes	Yes	Yes	Yes	Yes	EX-approved

For further information please contact:

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