

NIR ILLUMINATOR

[ARSENIC SM Series]

UK MADE



IDENTIFICATION DATA		
Type	ARSENIC	ARSENIC
Reference number	S91M15	S94M15
NSN	5855-47-000-8687	5855-47-000-8689
Type	ARSENIC	ARSENIC
Reference number	S98M15	S10M15
NSN	5855-47-000-8691	5855-47-000-8693

DESCRIPTION

The ARSENIC SM Series is a short range, extremely lightweight, covert laser illuminator working in NIR band. It provides illumination at wide angle at distances up to 200 m. The ARSENIC SM Series can be mounted on vehicles, UAVs, aircrafts, boats, buildings to provide illumination for wide area with covert light, has full metal aircraft grade aluminium housing and is protected by superior wear and corrosion resistant, chemically stable ceramic coating.



Custom colors available:

Flat Dark Earth	OD green	Cobalt	White	Graphite Black
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LASER SPECIFICATIONS					
		S91M15	S94M15	S98M15	S10M15
Wavelength	nm	915	940	980	1064
Max. output power	W	2	2	2	2
Beam divergence	mrاد	450 (26 deg)			
Beam pattern		Circular homogeneous			
Working distance	m	200	200	200	200

SAFETY SPECIFICATIONS					
Laser safety class		3B	3B	3B	3B
NOHD (10s exposure)	m	0,66	0,64	0,56	0,48
NSHD (10s exposure)	m	0,057	0,057	0,057	0,057
Ocular MPE	W/m ²	27,3	30,6	36,8	50,6
Skin MPE	W/m ²	2000	2000	2000	2000

POWER SUPPLY		
External	VDC	4,5 - 30
Power consumption	W	<10

ENVIRONMENTAL	
IP Rating	Manufactured to IP67
Operating temperature	-32°C to +50°C
Storage temperature	-40°C to +70°C

DIMENSIONS, CONNECTORS, WEIGHT & MOUNTING	
Length x Width x Height	52 x 35 x 35 mm
Mounting system	2 x M5 screws
Weight (without batteries)	100 g
Connectors	External Power Supply (2 pin "Binder" 712 connector)

FOR ENQUIRIES

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