



TOPLICHT Art-Nr. 3300-013

Exterior Light

Handheld and waterproof Bremen LED Searchlight



Bremen is an approved, watertight and portable searchlight with an optional morse capability. Two mounting brackets are available. Used by coast guard and military all around the world. Can be used inside and outside the boat.



Description	Wattage	Visibility	Voltage	Housing colour	Art.no.
LED Searchlight	12 W	17,92 nm = 33,18 km	12-24 V	Black	3310001000

Housing

Rubber black, impact and shock resistant, non-corrosive, non-magnetic.

Optics

Fresnel lens, clear cover

Protection degree

IP68

Mounting

Hand-Held searchlight, two mounting brackets available

Electric

12-24V, On/Off switch, morse, cable 3m

Light source

12W LED, Included

Remarks

Delivery without brackets. Two mounting brackets and plug-in connections are available.





LED searchlight for improved safety!

Bremen LED is designed for nearly all kinds of search operations. The energy efficient searchlight can also be used to transmit Morse code in emergency situations at sea. It is certified with the internationally known Wheelmark which aims to increase security at sea.

Handheld searchlights are vital tools for night sailing and landing maneuvers. They can also be used for anti-collision protection when placed on the sails for visibility. They can illuminate odd items in the water and most importantly they can be used to locate a crew member that has fallen overboard.



Marine Requirements

The 12 Watt LED module is covered by a clear Fresnel lens. As a certified LED searchlight, it is tested for electromagnetic compatibility (EMC). It is usable with 12–24 Volts. IP68 rating protects the light from dust and enables it to endure continuous immersion in water.

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Please refer to our website for information about our 5-year warranty.

Bremen LED

LED searchlight



Bremen LED back



Bremen LED



Description

Bremen is our latest hand held LED searchlight. The luminaire is designed for nearly all kinds of search operations. The energy efficient searchlight also can be used to transmit Morse code in emergency situations. It is certified with the internationally known Wheelmark which aims to increase security at sea. The Bremen LED is suitable for life boats and also commercial crafts under SOLAS and MCA regulations. It can be used inside and outside of any vessel.

The Bremen LED is designed for use on motor and sailing vessels under extreme environmental conditions. It is used by coastguards and military staff all around the world. The rubber black housing gives it a solid grip, and it is designed with an extended front edge for protecting the lens. The whole housing is impact and shock resistant, non-corrosive and non-magnetic. An ingress protection of IP68 is a requirement when at sea, requirement when at sea, and it protects the light from dust and is suitable for continuous immersion in water. The 12 Watt LED module is covered by a clear fresnel lens. As a certified LED searchlight, it is tested for electromagnetic compatibility (EMC). It is usable with 12-24 Volts.

This series is available for all markets worldwide.

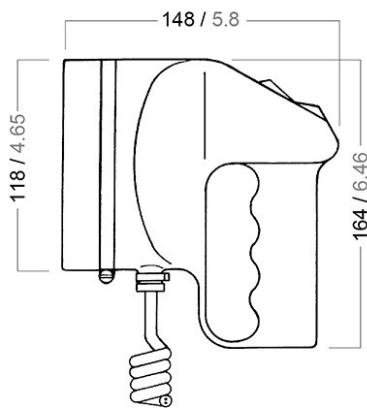
Bremen LED

LED searchlight

Technical description

Light source	12 W LED, included	Housing	Rubber black, impact and shock resistant, non-corrosive, non-magnetic.
Mounting	Hand-held searchlight, two mounting brackets available.	Remarks	Delivery without brackets. Two mounting brackets and plug-in connections are available.
Optic	Fresnel lens, clear cover	Application	Bremen is an energy efficient LED searchlight for nearly every kind of search operation. In addition, it has morse capability.
Electric	12-24 V, On/off-switch, morse, cable 3 m		IP68

Measurement drawings



Bremen LED

USA GB

Instruction Manual for LED Searchlight Bremen with morse capability

3310001000 LED Searchlight

Voltage Supply: 12 - 24V DC ± 30%.
Consumption: 12 W

Housing:
Black elastic rubber, shock-resistant, non-corrosive, non-magnetic, under water.
Watertight, protection class: IP68

Approval for searchlight with LED Module

EC Certificate Type Examination (Module B)
Certificate No: MEDB00002Z7

Issue by: DNV-GL
(Notified Body No.: 0098)



Standards

The LED Searchlight is in compliance with following standards:

- IMO Requirements SOLAS III/4 34 and X/3
- LSA Code Chapter IV,4.4.8.29 and 5.1.2.2.11,
- MSC 81(70), Part 1.13
Life-saving appliances

Assembly instructions

The portable lamp can be optionally attached to the clamp bracket **8331300700** or the holder **8331300200**.

The brackets are not included and must be ordered separately.

You can use standard bolts M4 with a flat bearing surface below the head for fastening the floodlight with the brackets **8331300700** and **8331300200** (e.g. fillister head bolts or hexagon bolts). As the brackets out of seawater-resistant, stainless steel (1.4404) are, it is recommended that the fixing material (screws, nuts and washers) also out of high quality, marine grade stainless steel is!

Tighten the fastening bolts after assembly!

Electrical installation

The floodlight is fitted with cables and ready for use. Electrical installation to be carried out in accordance with the technical regulations. The corresponding electrical circuits must be de-energized before starting work.

Spare parts:

8331300400 Clamp band
8331300800 Switch
8331001500 Spiral cord completely for LED

Accessoires:

8331300700 Clamp bracket
8331300200 Holder

After the installation of spare parts

the LED module so far pressed into the rubber case that the four stop edges press the aluminum housing. It is to ensure that the large clamp band and the hose clamp for spiral cord, are again mounted properly.

Check the functioning of the floodlight!

D

Betriebsanleitung für LED Handscheinwerfer Bremen mit Morse-taster

3310001000 LED Handscheinwerfer

Spannungsversorgung: 12 - 24V DC ± 30%.
Leistungsaufnahme: 12 W

Gehäuse:
Gummi schwarz, schlag- und stoßfest, nichtrostend, amagnetisch.
Wasserdicht, Schutzart : IP68

Zulassung für Handscheinwerfer mit LED Modul:

EC Certificate Type Examination (Module B)
Zulassungs Nr.: MEDB00002Z7

Ausgestellt von: DNV-GL
(Notified Body No.: 0098)



Standards

Der LED Handscheinwerfer entspricht folgenden Standards:

- IMO Requirements SOLAS III/4 34 and X/3
- LSA Code Chapter IV,4.4.8.29 and 5.1.2.2.11,
- MSC 81(70), Part 1.13
Life-saving appliances

Anbauanweisung

Der Handscheinwerfer kann wahlweise mit dem Klemmhalter **8331300700** oder der Halterung **8331300200** befestigt werden. Die Halter gehören nicht zum Lieferumfang und müssen separat bestellt werden.

Zur Befestigung des Handscheinwerfers mit den Halterungen **8331300700** und **8331300200**, können Sie handelsübliche Schrauben M4 mit flacher Auflagefläche unter dem Kopf verwenden (z.B. Zylinderkopfschrauben oder Sechskantschrauben). Da die Halterungen aus seewasserbeständigem, rostfreiem Stahl (1.4404) sind, wird empfohlen das Befestigungsmaterial (Schrauben, Muttern und Scheiben) ebenfalls aus hochwertigem, seewasserbeständigem und rostfreiem Stahl zu verwenden!

Nach der Montage die Befestigungsschrauben fest anziehen!

Elektrischer Anschluss

Der Handscheinwerfer ist vorverkabelt. Der elektrische Anschluss erfolgt nach den gültigen Regeln der Technik. Vor Aufnahme der Arbeiten sind die entsprechenden Stromkreise spannungsfrei zu schalten.

Ersatzteile:

8331300400 Schellenband
8331300800 Schalter
8331001500 Wendelschnur kpl. für LED

Zubehör:

8331300700 Klemmhalter
8331300200 Halterung

Nach dem Einbau von Ersatzteilen

das LED-Modul soweit in das Gummigehäuse eindrücken, das die vier Stopkanten auf das Aluminiumgehäuse drücken. Es ist sicherzustellen, dass das große Schellenband und die Schlauchklemme für die Wendelschnur, wieder richtig montiert sind. Überprüfen Sie die Funktion des Strahlers!

F

Instructions de service pour LED Projecteur portatif Bremen avec le bouton Morse

3310001000 LED Projecteur portatif

Tension d'alimentation: 12 - 24V DC ± 30%.
Consommation d'énergie : 12 W

Boîtier:
Noir de caoutchouc, résistant aux chocs et choc, non-corrosif, non magnétique.
Imperméable, protection: IP68

Homologation pour projecteur portative avec LED Module:

EC Certificate Type Examination (Module B)
Numéro d'homologation: MEDB00002Z7

Délivré par: DNV-GL
(Notified Body No.: 0098)



Normes

Le LED Projecteur est conforme aux normes suivantes:

- IMO Requirements SOLAS III/4 34 and X/3
- LSA Code Chapter IV,4.4.8.29 and 5.1.2.2.11,
- MSC 81(70), Part 1.13
Life-saving appliances

Instruction de montage

Le projecteur peut être facultativement fixée à la bride de serrage **8331300700** ou titulaire **8331300200**. Les supports ne sont pas inclus et doivent être commandés séparément.

Pour fixer le projecteur avec les montures **8331300700** ou **8331300200**, vous pouvez utiliser des vis M4 courantes avec une surface de contact plate sous la tête (par exemple des vis à tête cylindrique ou des vis à tête hexagonale). Comme les montures d'eau de mer résistant, en acier inoxydable (1.4404) sont, recommander le matériel de fixation (vis, écrous et rondelles) est également faite de haute qualité, en acier inoxydable de qualité marine et à utiliser!

Après le montage, veuillez visser à fond les vis de fixation!

Raccordement électrique

Le projecteur est précâblés. Le raccordement électrique s'effectue en conformité avec les règles techniques en vigueur. Avant de commencer les travaux, mettez les circuits correspondants hors tension.

Pièces de rechange:

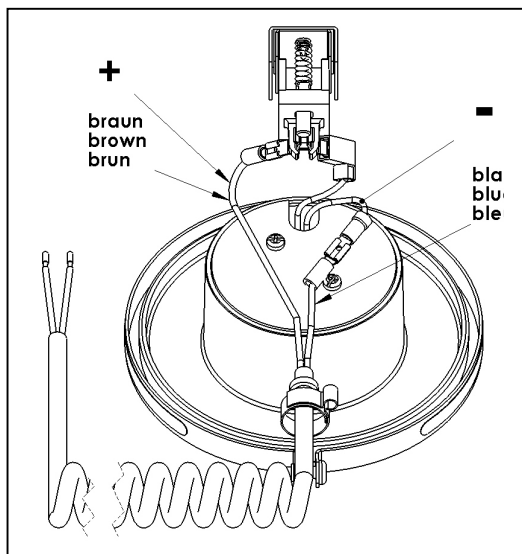
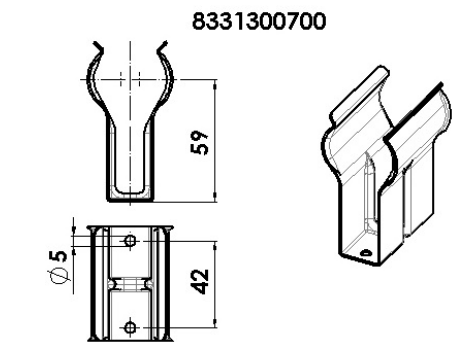
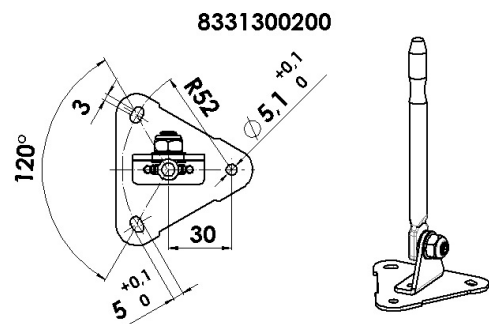
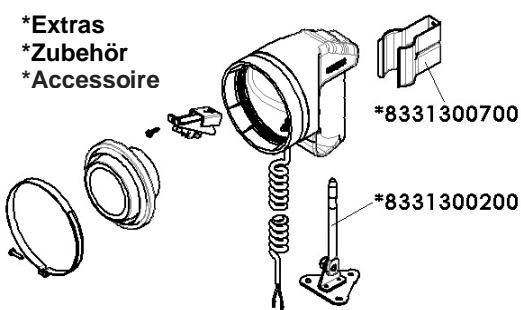
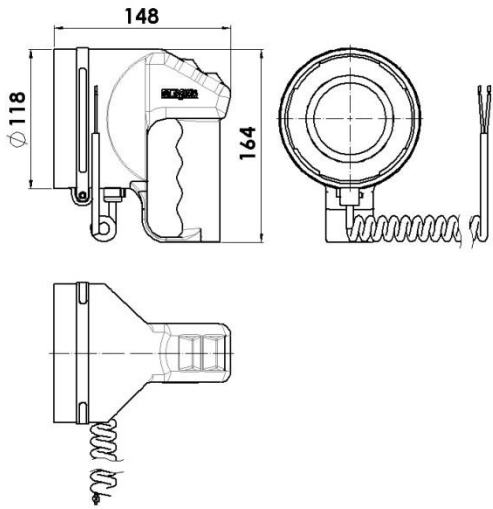
8331300400 Bande de serrage
8331300800 Commutateur
8331001500 Spiral assy câble pour LED

Accessoires:

8331300700 bride de serrage
8331300200 titulaire

Après l'installation de pièces de rechange

le module LED jusqu'à présent pressé dans le boîtier en caoutchouc que les quatre bords d'arrêt de presse du boîtier en aluminium.. Il convient de veiller à ce que la grande bande de serrage et le collier de serrage pour le cordon en spirale, sont à nouveau montés correctement. Vérifiez le fonctionnement du spot!



Safety instructions:

Beware of optical radiation!
Risk of eye injury.
Do not look directly at the lighting.



Gefahrenhinweis:

Warnung vor optischer Strahlung!
Augenverletzungen möglich.
Nicht in die Beleuchtung blicken.



Indication de danger:

Attention au rayonnement optique !
Possibles blessures oculaires.
Ne pas regarder en direction de l'éclairage.



Maintenance:

There are no special maintenance instructions. An occasional cleaning of the casing and glass with a soft brush and clear water will be sufficient. Aggressive detergents containing solvents should not be used.

Pflege und Wartung:

Eine besondere Pflege ist nicht notwendig. Das Gehäuse und das Frontglas des Strahlers kann gelegentlich mit einer weichen Bürste und mit klarem Wasser gereinigt werden. Aggressive lösungsmittelhaltige Reinigungsmittel dürfen nicht verwendet werden.

Entretien et maintenance :

Aucun entretien particulier n'est nécessaire. Le boîtier et la face du spot peuvent être nettoyés de temps en temps avec une brosse souple et à l'eau claire. Ne pas utiliser de produits de nettoyage agressifs contenant des solvants.

Please note:

Solvents and solvent vapor may destroy the optics. We recommend carefully sealing off the lamps/floodlights with suitable tape or dismantling them prior to carrying out painting work or work with solvents.

Achtung:

Lösungsmittel und deren Dämpfe zerstören die Optik. Wir empfehlen, vor Anstricharbeiten oder Arbeiten mit Lösungsmitteln die Leuchten/Strahler sorgfältig abzukleben oder zu demontieren.

Attention :

Les solvants et leurs vapeurs peuvent détruire l'optique. Nous recommandons de bien couvrir la lampe / le spot avec du ruban adhésif avant d'entreprendre des travaux de peinture ou de travailler avec des solvants.

The currently valid certificate type examination (Module B) and declaration of conformity please find on our homepage:

<http://www.glamox.com/gmo>

Das aktuell gültige Zertifikat (Modul B) und die Konformitätserklärung finden Sie auf unserer Homepage:

<http://www.glamox.com/gmo>

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**Operating Manual for LED searchlight Bremen
Betriebsanleitung für LED Handscheinwerfer Bremen**

Instructions de service pour LED projecteur portatif Bremen

Please read the instruction manual carefully before use of the floodlight.

Die Betriebsanleitung ist vor Einsatz des Strahlers sorgfältig zu lesen.

Il faut lire soigneusement les instructions de service avant l'emploi du spot.

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