

Pesch Marinescheinwerfer (Seematz) warranty terms

1. Pesch Marinescheinwerfer guarantees the quality of their products at the time of dispatch from their premises.
2. The warranty period is 12 months commencing from the delivery date of the vessel to it's owners.
Proof of such delivery date must be provided with any warranty claim.

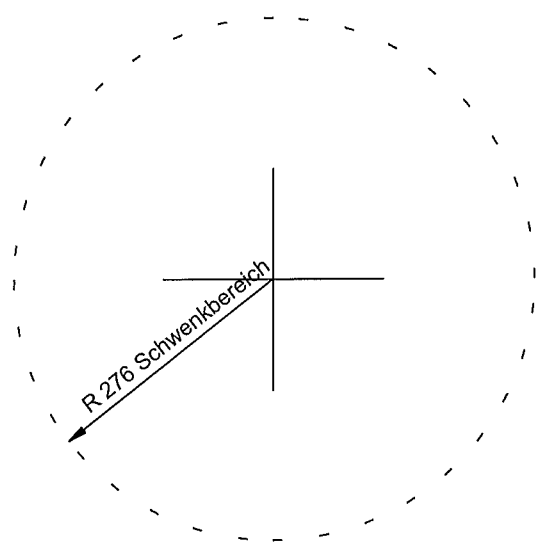
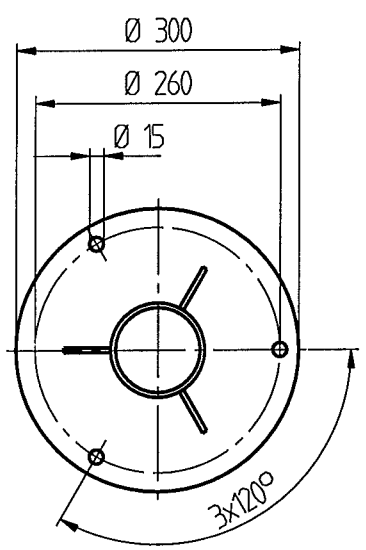
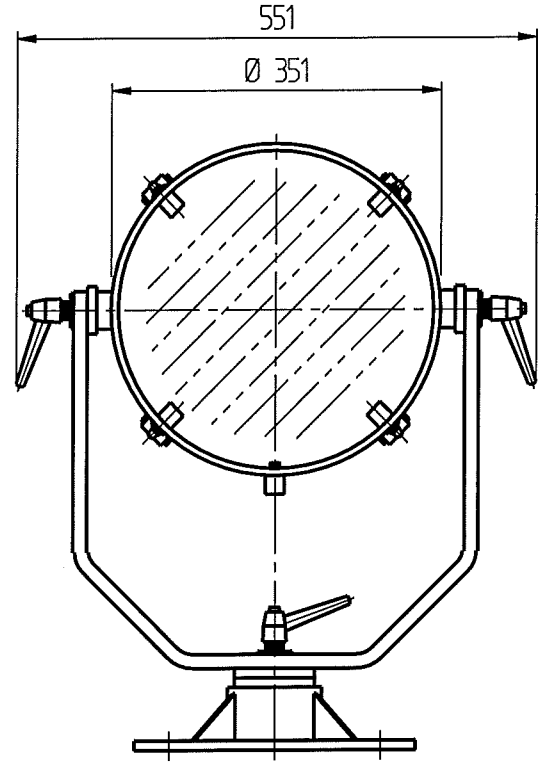
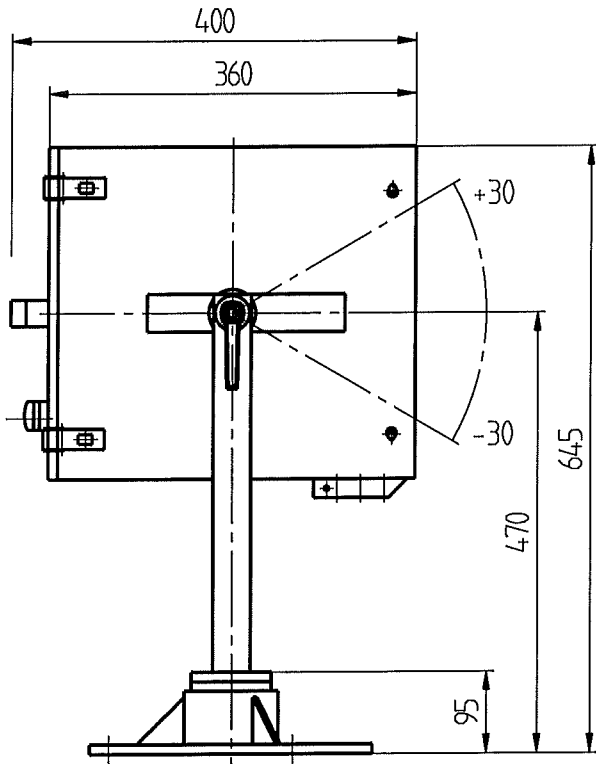
Warranty claims must include relevant serial numbers of the product to which the claim is related.

3. All items produced and in the catalogue are of the highest quality standard, although the actual description may vary from time of publication.
4. We will only accept return of goods if it can be shown that incorrect goods were supplied or unless otherwise written agreement from Pesch Marinescheinwerfer has been obtained.
No returns will be accepted unless received in original condition and packaging, quoting invoice number or dispatch docket number. We reserve the right to credit or replace returned goods.
5. Any warranty claim submitted must be accompanied with evidence or sale & purchase date, details of application to which the product has been subjected and nature of the fault, in order for us to process such claims quickly and efficiently. Our warranty covers all necessary parts to eliminate the claimed deficiency. Our warranty is strictly limited to the supply of necessary spare parts to resolve the claim and does not cover labor or travel expenses. These labor and travel expenses are at the client's expense.
6. Insurance should be covered by the buyer. Pesch Marinescheinwerfer will not accept claims for damage in transit. The buyer should lodge any such claims for damaged or missing items directly with their carrier. This action does not release the buyer from our standard payment terms.
7. Pesch Marinescheinwerfer will not be liable for any goods damaged through negligence or improper installation or if the product has been used inappropriately or for purposes other for that which the product is intended and designed.
8. Lamps, wiper rubbers as well as any other consumable parts are not covered under the warranty even if the fault occurs within the warranty period specified in clause 2.
9. Pesch Marinescheinwerfer cannot be rendered liable for any consequential damage or accept any responsibility for late delivery.

The warranty is deemed invalid in the following situations:

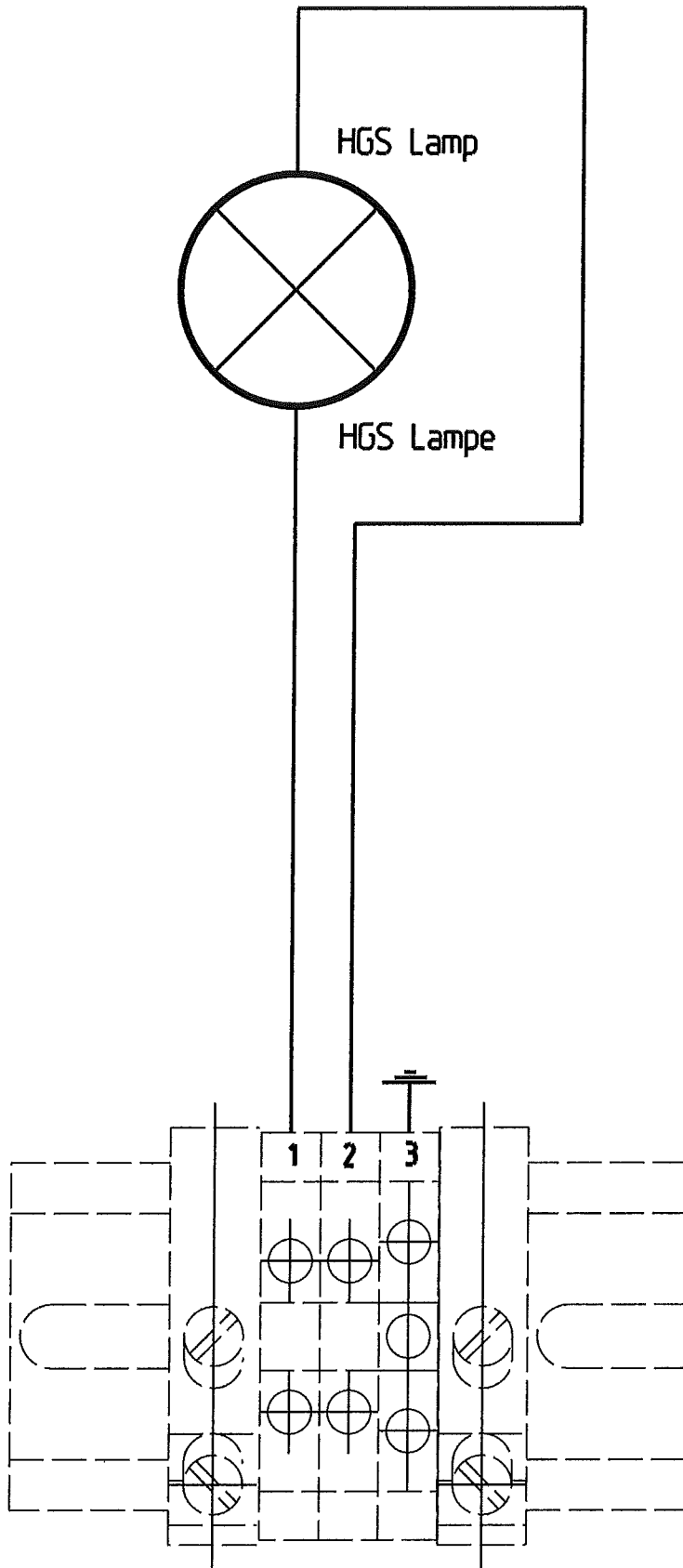
Damage caused by improper use

- a) Damage caused by improper installation or not abiding by the operational instructions provided with the goods and at the time of purchasing the product.
- b) Damage by accidents including thunder & lightning strikes, water, fire, improper use, negligence or changes to the product and removal of the model and/or serial number.
- c) Damage caused by unauthorized repair or modification by companies or persons not authorized or approved by Pesch Marinescheinwerfer.
- d) Substitution or use of non-approved components & parts for the repair of the product.
- e) Damage caused by utilizing any faulty system in conjunction with our product.



13.07.1999

SEEMATZ Searchlight 351
with DS 351



Schaltplan / Connection diagram

HGS 230 V 300 W

HGS 230 V 500 W

HGS 230 V 650 W

HGS 230 V 1000 W

Seematz

Operating manual 351 HGS 230V - 1000W

1.)Construction features

Case and bow are made of aluminium, all aluminium parts are made of ALMg3, non-magnetic. All screws are made of stainless steel V2A or V4A. Fastener for plug-in unit of the searchlight are made of stainless steel, V4A.

2.)Reflector

Pure aluminium 99,99 %, anodized, highly polished, diameter 275 mm, focal distance 120 mm.

3.)Front pane

Hardened glass, resistant to temperature changes.

4.)Sealing

Sealing for front pane: Silicone tube
Sealing for plug-in unit: Square bar rubber

5.)Lamp socket

Aluminium mounting plate spring-loaded, size of socket Gx 9,5

6.)Electrical equipment

Lamp 1000 VA
Burning position Vertical
Electronic thermostat (if installed) +30° C.
Heating element (if installed) 400VA – 230V
Connection cable for heating Silicone cable 1,5mm²
Connection cable for lamp Silicone cable 1,5mm²
Focal Motor (if installed) 24VDC 1,5A

1.)Allgemeiner Aufbau

Gehäuse und Bügel sind aus Aluminium gefertigt. Für alle Teile wird Aluminium vom Typ AlMg3, nicht magnetisch verwendet. Alle Schrauben, die eingesetzt werden, sind aus rostfreiem Stahl V2A oder V4A. Die Schnellverschlüsse des Scheinwerfers sind aus V4A gefertigt.

2.)Reflektor

Material reinstes Aluminium 99,99%, anodisiert, hochglanz poliert, Durchmesser 275 mm, Brennpunkt bei 120 mm.

3.)Frontscheibe

Gehärtetes Glas, unempfindlich gegen Temperaturschwankungen.

4.)Dichtung

Dichtung für Frontscheibe: Silikonschlauch
Dichtung für Einschub: Neoprenschlauch

5.)Lampenfassung

Aluminium Grundplatte federnd gelagert, bestückt mit Fassung Typ Gx 9,5.

6.)Elektrische Ausstattung

Lampe 1000 VA
Betriebsposition Vertikal
Thermostat Heizung (wenn eingebaut) +30° C.
Heizstab (wenn eingebaut) 400VA – 230V
Anschlusskabel für Heizung Silikon Kabel 1,5mm²
Anschlusskabel für Lampe Silikon Kabel 1,5mm²
Fokus Motor (wenn eingebaut) 24VDC 1,5A

7.) Technical data lamp

Power 1000 VA
Voltage 230V
Current intensity 4,35A
Luminous flux 26000lm
Average burning live 200 hours

7.) Technische Daten Lampe

Leistung 1000 VA
Spannung 230V
Strom 4,35A
Lumen der Lampe 26000lm
Mittlere Lebensdauer 200 Stunden

8.) Searchlight data

DIN-Range at 1 Lux 740m
IES-Range at 1 Lux 1480m
Beam angle at 50 lmax 6°
Light spot size at target Approx. 70 m
Power input with heating 230V 1400VA
Power input without heating 1000 VA
Protective system IP56
Temperature after operation of 15 min. at 20° ambient temp. 65°C

8.) Scheinwerferdaten

Reichweite nach DIN bei 1 Lux 740m
Reichweite nach IES bei 1 Lux 1480m
Abstrahlwinkel bei 50% lmax 6°
Ausleuchtungsdurchmesser am Ziel ca. 70 m
Stromaufnahme mit Heizung 230V 1400VA
Stromaufnahme ohne Heizung 1000 VA
Schutzklasse IP56
Temperatur nach 15 min. Dauerlauf, bei 20°C Umgebungstemperatur 65°C

9.) Replacing Optics

Open the quick-release snaps on the searchlight case and pull out the plug-in unit by means of handle it in a horizontal position. To insert the plug-in unit, put it in a horizontal position and push the reflector holder with ist silicone coated guides into the case. Close the quick-release snaps. Change of plug-in unit sealing → approximately once a year.

9.) Einschubwechsel

Öffnen sie die Schnellverschlüsse des Einschubs und ziehen sie ihn horizontaler Richtung heraus. Nach dem das Kabel an dem neuen Einschub befestigt ist, halten sie den Einschub horizontal und schieben ihn auf seinen Silikongleitern, in das Gehäuse ein. Verriegeln sie die Verschlüsse wieder. Die Dichtung des Einschubs sollte zirka einmal jährlich gewechselt werden.

10.) Change of lamp

Take out plug-in unit as described under 9). Pull out lamp at the Gx 9,5 socket when it is not hot. Replace lamp, be careful touch the lamp only with a clean cloth or paper. Then replace the plug-in unit.

10.) Wechsel der Lampe

Einschub ausbauen, wie unter Punkt 9.) beschrieben. Ziehen sie die alte Lampe, wenn sie kalt ist, aus der Gx 9,5 Fassung. Stecken sie die neue Lampe ein. Achtung, berühren sie die Lampe nur mit einem sauberen Lappen oder Papier. Bauen sie den Einschub wieder ein.

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11.)Change of reflector

Proceed as described under 9). and remove the lamp 10). Unscrew the superior three acorn nuts with a 17mm open-end wrench or ring spanner; then change the reflector. You may have to readjust the socket as described under 12). The reflector can be cleaned with a pane or aluminium cleaner and water. Replace searchlight as described under 9) and 10).

12.)Adjustment of lamp socket

Normally an adjustment is not necessary as it is already done so by the manufacturer. In case it becomes necessary, please unlock the three nuts - situated underneath the mounting plate of the socket. With a 10mm spanner readjust the three M6 screws (with spring) by turning them to the right or left. After adjustment tighten again all nuts.

11.)Wechsel des Reflektors

Einschub und Lampe ausbauen, wie unter Punkt 9.) und 10.) beschrieben. Lösen sie die drei Hutmutter mit einem 17 Maulschlüssel, wechseln sie den Reflektor. Wenn nötig justieren sie die Fassung neu, wie unter 12.) beschrieben. Reinigen sie den Reflektor mit Scheiben- oder Aluminiumreiniger oder Wasser. Bauen sie den Einschub , wie unter 9.), 10.) beschrieben, wieder ein.

12.)Justieren der Lampe

Normalerweise ist es nicht notwendig die Lampe zu justieren, da dies vom Hersteller getan wird. Wenn dann doch, so lösen sie die drei Sicherungsmuttern unter der Fassungsplatte mit einem 10 mm Maulschlüssel. Drehen sie an den M6 Schrauben (mit Federung) und justieren den Lichtstrahl neu. Nach dem Einstellen ziehen sie die Sicherungsmuttern wieder fest.

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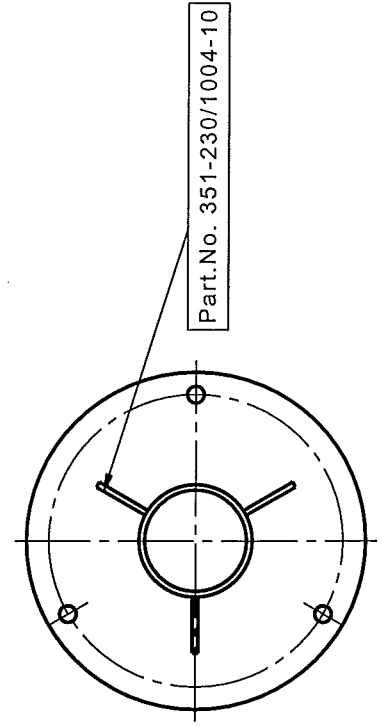
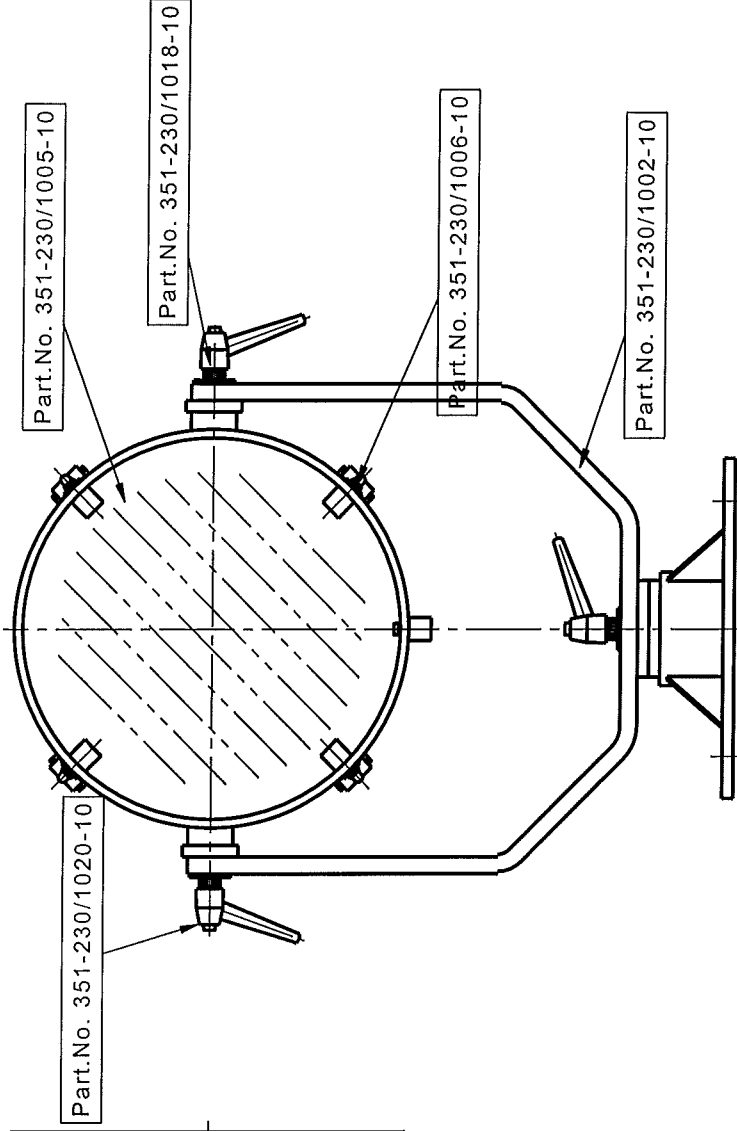
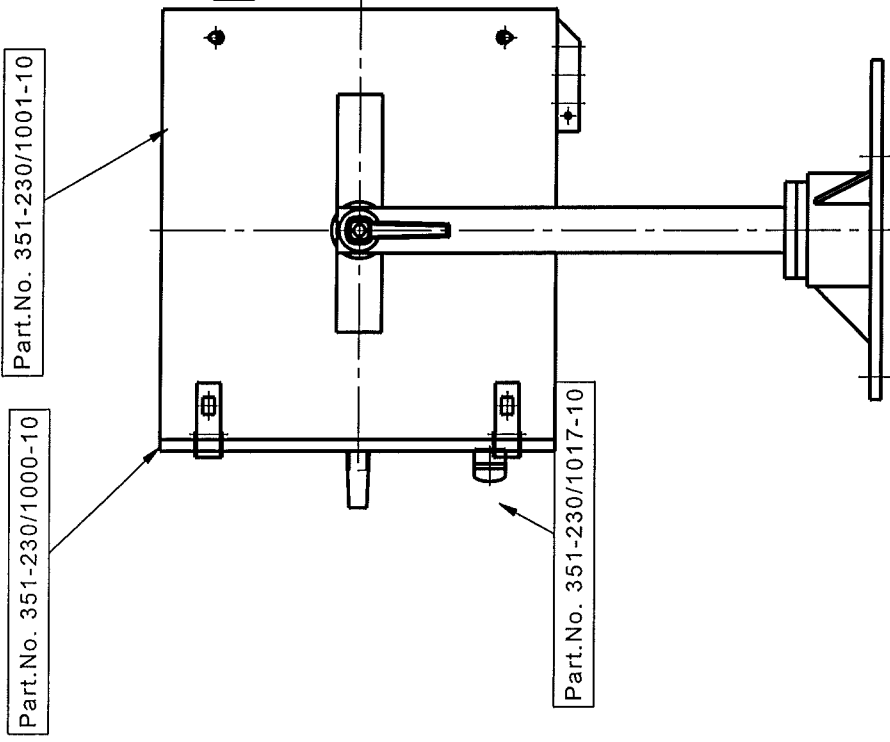
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Ersatzteilliste / List of spare parts

Description	Beschreibung	Part No.
Plug in unit, complete with lamp	Scheinwerfereinschub, komplett mit Lampe	351 - 230/ 1000 - 10
Searchlight case with pane	Scheinwerfergehäuse mit Scheibe	351 - 230/ 1001 - 10
Bow of DS, DH version	Bügel für DS, DH Version	351 - 230/ 1002 - 10
Bow of WS, WH, EF version, set	Bügel für WS, WH, EF Version, Satz	351 - 230/ 1003 - 10
Foot mounting of DS version	Standfuss für DS Version	351 - 230/ 1004 - 10
Frontpane	Frontglasscheibe	351 - 230/ 1005 - 10
Frontpane fastener, set	Frontglashalter, Satz	351 - 230/ 1006 - 10
Frontpane sealing	Frontglasdichtung	351 - 230/ 1007 - 10
Plug in unit sealing	Einschubdichtung	351 - 230/ 1008 - 10
Thermostat 30°	Thermostat 30°	351 - 230/ 1009 - 10
Heating bar	Heizstab	351 - 230/ 1010 - 10
Reflector	Reflektor	351 - 230/ 1011 - 10
Reflector + connection	Reflektor + Befestigung	351 - 230/ 1012 - 10
Socket Gx 9,5	Fassung Gx 9,5	351 - 230/ 1013 - 10
Socket fastener, complete	Fassunghalterung , komplett	351 - 230/ 1014 - 10
Crossbar	Traverse	351 - 230/ 1015 - 10
Connection terminals, set	Kabelanschlussklemmen, Satz	351 - 230/ 1016 - 10
Cable gland PG 16 / M 25 x 1,5	Kabeldurchführung PG 16 / M 25 x 1,5	351 - 230/ 1017 - 10
Assembly screws of bow for DS, DH	Schraubensatz für DS, DH Bügelmontage	351 - 230/ 1018 - 10
Assembly screws of bow for WS, WH, EF	Schraubensatz für WS,WH, EF Bügelmontage	351 - 230/ 1019 - 10
Locking handle of DS, DH, pcs	Knebelgriff für DS, DH, Stk.	351 - 230/ 1020 - 10
PVC slidingdisc of DS, DH bow, set	PVC Gleitscheiben für DS, DH Bügel, Satz	351 - 230/ 1021 - 10
PVC slidingdisc of WS, WH, EF bow, set	PVC Gleitscheiben für WS, WH, EF Bügel,Satz	351 - 230/ 1022 - 10

Bei Bestellung, Seriennummer der Anlage mitteilen.

To order spare parts please mention the serial number of your unit.



SEEMATZ Searchlight 351 230V-1000W