# LIGHTS

*Spreader down-light will make your work on deck simpler and safer at night
and the up-lights will allow you to check the sail trim.
And yes….it looks really cool.*

## Compulsory lights

International Regulations for Preventing Collisions at Sea, 1972, stipulate compulsory lights on all yachts. Seldén offers all the necessary lighting equipment to comply with the rules.
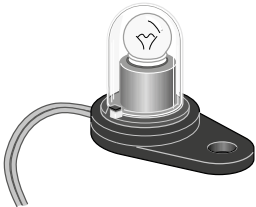


*Tricolour/white*
with or without anchor light.



*Anchor light*
Art. No. 526-163-01.



*Windex light*

## Masthead lights

| Item | Size of boat | Fitting | Art. No. | Type of masthead | Required cable Art. No. |
|------|--------------|---------|----------|------------------|-------------------------|
| Anchor light 12V | For boats <7 m (Scandinavia) <12 m (International) | Base 508-549-01 incl. | 526-163-01 | 15° | 531-003 |
| | | Base 508-562 incl. | 526-163-02 | 0° | |
| Anchor and steamlight 12V | For boats LOA <12 m | Stainless housing, base 508-562 incl. | 526-026-01 | 0° | 531-007 |
| Aquasignal 41 | | Stainless housing, base 508-560 incl. | 526-026-02 | 15° | |
| Windex light 12V | All | No fasteners required. Fit below Windex base. | 526-153-01 | See fig. 1 | 531-003 |
| Tricolour lamp, Quick fit. 12V/24V | For boats LOA <20 m | Base 508-560 incl. | 526-020-02/05 | 15° | 531-006 |
| | | Base 508-562 incl. | 526-020-03/06 | 0° | |
| Tricolour lamp/White, Quick fit. 12V/24V | | Base 508-560 incl. | 526-021-02/05 | 15° | 531-007 |
| | | Base 508-562 incl. | 526-021-03/06 | 0° | |

## Masthead lights, LED Aquasignal 34 12/24V



*Aquasignal 34*

| Item | Size of boat | Fitting | Art. No. | Type of masthead | Required cable Art. No. |
|------|--------------|---------|----------|------------------|-------------------------|
| Anchor light | For boats LOA <50 m Visibility 2nm | Base 508-560 incl. | 526-036-02 | 15° | 531-038 |
| | | Base 508-562 incl. | 526-036-03 | 0° | |
| Tricolour light | For boats LOA <20 m Visibility 2nm | Base 508-560 incl. | 526-075-02 | 15° | 531-038 |
| | | Base 508-562 incl. | 526-075-03 | 0° | |
| Anchor light and Tricolour light | For boats LOA <20 m Visibility 2nm | Base 508-560 incl. | 526-038-02 | 15° | 531-037 |
| | | Base 508-562 incl. | 526-038-03 | 0° | |
| Steaming light with anchor light | For boats LOA <20 m Visibility 2nm | Base 508-560 incl. | 526-070-02 | 15° | 531-037 |
| | | Base 508-562 incl. | 526-070-03 | 0° | |

## Spreader light, LED for T-spreaders (see page 30)

Black anodized with circular light beam. LED 3,6W, 12/24V. Ref. Installation manual, 595-326-E

| | Item | Spreader | Art. No. | Kit includes | Additional parts |
|---|---|---|---|---|---|
| | Flood light | T90-T131 | 526-182-01 | 1 light with housing and 1 m cable , screws, fairlead 508-609, pop-rivets, Male 3-pole socket 532-031 | Female socket to fit on the mast: 532-030-03 Cable for installation in mast: 531-038 (2x0,5 mm2) Max length 12V: 19 m 24V: 74 m |
| | Up-light | | 526-182-02 | | |
| | Flood light and Up-light | | 526-182-03 | 2 lights with housing and 1 m cable , screws, fairlead 508-609, pop-rivets, Male 3-pole socket 532-031, cable terminals, heat shrink. | Female socket to fit on the mast: 532-030-03 Cable for installation in mast: 531-037 (3x0,5 mm2) Max length 12V: 14 m 24V: 60 m |

## Flood light and steaming light, LED
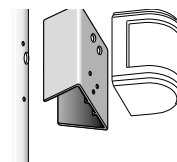
Recommended position: 27% of FH

| | Item | Size of boat | Fitting | Art. No. | Required Cable, Art. No. |
|---|---|---|---|---|---|
| | Steaming light Hella Naviled Pro | LOA < 20 m Visibility 3nm | Base 535-614 (nylon) and self-tapping screws included. | 526-081-01 | 15 m cable included |
| | Steaming light Hella Naviled Pro | LOA < 50 m Visibility 5nm | Base 523-047 (alu) and 3-pole male- and female connectors included | 526-073-01 | 15 m cable included |
| | Steaming light with flood light (Hella/Cabin) | LOA < 20 m Visibility 3nm | Base 535-614 and self tapping screws included | 526-081-02 | 15 m cable included |

## Flood light and steaming light

| Item | Size of boat | Fitting | Art. No. | Remarks | Required cable Art. No. |
|---|---|---|---|---|---|
| Flood light, 12V/35W | All masts, front mounted | Black housing | 526-156-01* | Pop rivets incl. | 513-006 |
| Flood light, 24V/50W | | | 526-156-02* | | |
| Flood light, 12V/35W | | White housing | 526-156-03* | | |
| Flood light, 24V/50W | | | 526-156-04* | | |
| Steaming lights, 12V/10W Aquasignal 25 | For boats LOA <7 m (Scandinavia) <12 m (international) | Base 508-566 incl. | 526-015-01 | | 531-003 |
| Steaming lights, 12V/25W Aquasignal 41. Black composite | For boats LOA <12 m (Scandinavia) <20 m (international) | Base 508-614 incl. | 526-009-03 | Screws incl. | 531-006 |
| Steaming lights, 24V/25W Aquasignal 41. Black composite | | | 526-009-04 | | |
| Steaming lights, 12V/25W Aquasignal 50. Stainless steel | For boats LOA <20 m | Protection loop 508-519 incl. | 526-002-01 | Fasteners incl. | |
| Steaming lights, 24V/25W Aquasignal 50. Stainless steel | | | 526-002-02 | | |
| Protection loop, alum. (2 pcs) Aquasignal 50 | For use with Aquasignal steaming lights | | 508-519-02 | | |
| Protection loop, stainless steel | E274, C304, F305 and bigger | | 508-172-01 | | |



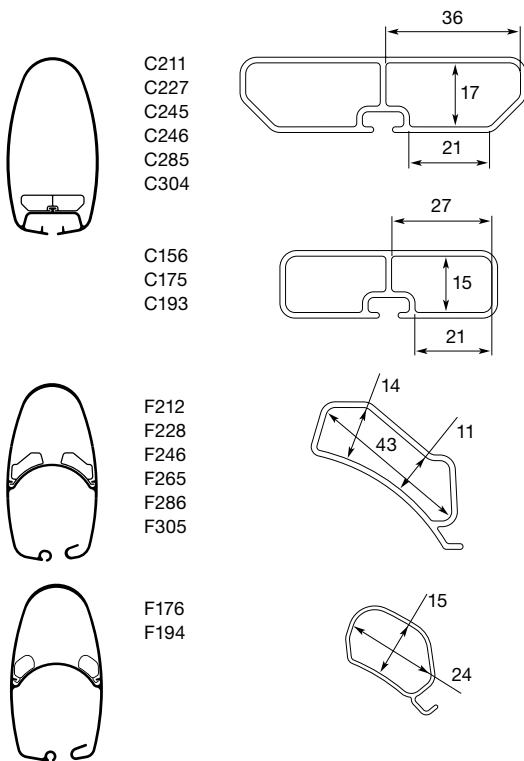*Steaming light 526-009-03 and flood light 526-156-01*



*Nylon base for flood light. Suits most lights and mast sections. Art. No. 535-614.*

* Light insert: 12V (Art. No. 532-154), 28V (Art. No. 532-155).
O-ring for flood lights Art. No. 530-365.

## Retro-fitting cables

For all D-sections, E-sections, P-sections and
R-sections, please see our instruction "Running cables"
595-557-E. Also available from www.seldenmast.com.

## Cable conduits

C211
C227
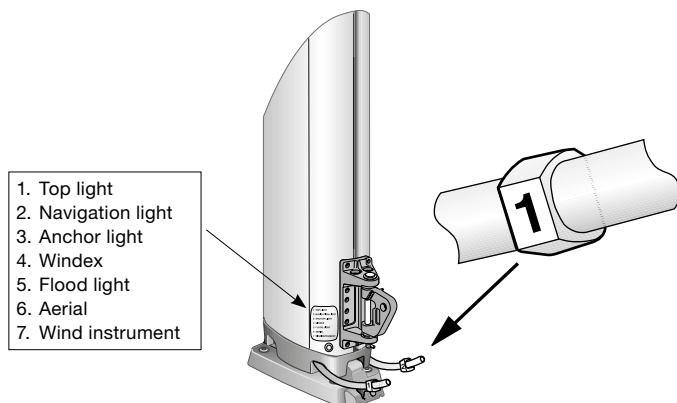C245
C246
C285
C304

C156
C175
C193

F212
F228
F246
F265
F286
F305

F176
F194

## Cables and dimensions

| Light | Effect | Cable length, m | Required cable area, mm$^2$ |
|---|---|---|---|
| Anchor light | 10W | 0-33 | 1.5 |
| | | 33-55 | 2.5 |
| Steaming lights and navigation lights | 10W | 0-13 | 1.5 |
| | | 13-22 | 2.5 |
| | 25W | 0-5 | 1.5 |
| | | 5-9 | 2.5 |
| | | 9-14 | 4 |
| Floodlight | 45W | 7-12 | 2.5 |
| | | 12-20 | 4 |

All Seldén masts have a cable identification to facilitate connection when stepping the mast.

1. Top light
2. Navigation light
3. Anchor light
4. Windex
5. Flood light
6. Aerial
7. Wind instrument

| Cable for: | Cable area, mm$^2$ | Art. No. | Remarks |
|---|---|---|---|
| Wind instrument | 10 x 0.25 | 531-012 | Ø 7.3 mm |
| Windex light, anchor light and steaming lights | 2 x 1.5 | 531-003 | Ø 6.9 mm |
| Tricolour/white/strobe | 4 x 2.5 | 531-018 | Ø 8.6 mm |
| Tricolour lamp, flood-light and steaming lights | 2 x 2.5 | 531-006 | Ø 7.6 mm |
| Tricolour lamp/white, anchor and steaming lights | 3 x 2.5 | 531-007 | Ø 8.1 mm |
| Aerial | RG 213U | 531-010 | 50 ohm (min. for VHF-radio according to German standard) Ø 10.2 mm (Cable terminal Art. No. 532-021) |
| | RG 58U | 531-024 | 50 ohm, Ø 5.4 mm (Cable terminal Art. No. 532-023) |

**Cable support**
Protects the cable from wear in the exit area. Lead the cable out through a Ø 14 mm hole, jam the support onto the cable and plug the hole. Max cable size: 2 x 2.5 mm$^2$ (Ø 7.6 mm). Art. No. 532-105.