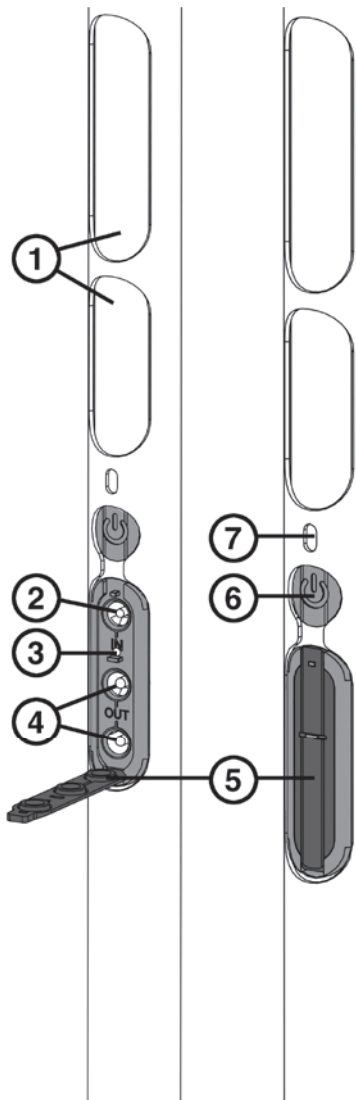# the doble™ group

## Before first use

Push master switch by inserting a paperclip or thin shaft in the hole (#3) between the 'IN' port and middle 'OUT' port to connect the battery.

**#1. Opening for lights**
**#2. DC IN port**
**#3. Master battery switch**
**#4. DC OUT port**
**#5. Connector cover**
**#6. ON/OFF button**
**#7. Battery charge indicator**



## Light function & settings

Just press the orange on/off button (# 6) and try these settings one by one .

|  |  | SCS100T / SCS 100P | SCS200T / SCS200P |
|---|---|---|---|
| High | 100% | 125 lm | 250 lm |
| Mid | 20% | 25 lm | 50 lm |
| Low | 5% | 5 lm | 10 lm |

## Master switch (#3)

• The Master switch disconnects the battery completely from the light. This protects the battery against deep discharge and to increase the product life.
• Turn on (engage) the main switch to connect the battery.
• If the battery switch is not activated (engaged) the battery can NOT be recharged. The status LED (#7) will turn solid green even if connected to a power source but no charge will be going to the battery.
• Whether the master switch is turned off (not engaged) or the battery is completely discharged, you can check by the following methods: Insert power source (solar or via USB).

| The status LED (#7) will only flash when the battery is connected. | Push the orange button (#6), if the lights turn on, disconnect the power, if the lights turn off immediately, then the switch is NOT engaged |
|---|---|

Please note, if the battery is very low, leave the light plugged into a power source for 10-15 minutes before carrying out this test. If nothing happens, push master switch (#3) once and repeat above steps.

## Recharging internal battery

• Fully recharge the internal battery before first use by inserting the matching DC plug from the 5W solar panel (not included) or the 12V adapter kit (not included) into the top port (#2) marked 'IN'.
• The status LED (#7) will flash green during charging.
• The status LED (#7) will turn solid green when charged to 80%, leave plugged in for a further 1-2 hours to push to 100% battery capacity.
• When the battery is low the status LED (#7) will flash red indicating 10% battery life remaining.
• If the battery is very low when recharging, it may take 10-15 minutes for the status LED (#7) to slowly build up and begin flashing.

## Recharging external devices

The light can recharge all USB powered devices via the DC to USB converter cable (included).

• To charge your phone or USB powered device, firstly connect the DC to USB converter cable into the middle or bottom port marked 'OUT' (#4).
• Then connect your own USB cable into the USB port and charge as normal.
• Please note the cable has an output of 5V 800mA so some larger devices such as high-powered tablets may take longer to recharge.

## Attachments

| SCS 100T und SCS 200T | SCS 100P und SCS 200P |
|---|---|
| #8 – Spigot<br>#9 – Inner pole<br>#10 – Handle<br>#11 – Drainage hole | #8 – Hooks |

**Erecting and collapsing the telescopic tent pole**

• Hold the handle (#10) in one hand and the inner/upper pole (#9) with your other hand.
• Grip tightly and twist in an anti-clockwise direction to extend to desired height.
• At desired height, twist the inner pole in a clockwise direction tight to lock in position.
• Make sure you have twisted the locking mechanism tightly so it will support your tent/tarp. **Failure to do so may result in the collapse of the tent/tarp and/or personal injury**
• The 100t & 200t comes with a unique spigot (#8), which allows you to mount your BrightBeam 5W solar panel version t directly on top of the lighting system itself.
• See BrightBeam 5W solar panel version t instruction manual for installation guidelines.
• The spigot (#8) can be replaced with alternate connectors

Not included in this version



• 2 hooks (#8) on either end of the product to allow you to hang your light on a cable or rope.
• The hooks allow you to rotate the light 360 degrees to direct the light.
• The lamp is portable and can be carried anywhere .
• It is recommended to handle the lamp during transport below the sockets on the shaft and to carry.



## Warehousing and Storage

| SCS 100T und SCS 200T | SCS 100P und SCS 200P |
|---|---|
| • Following use on wet or sandy ground, please check the drainage hole (#11) is clear of any blackages and drain any liquid or foreign matter.<br>• Collapse the telescopic pole before storage | |

• The telescopic light should be stored in a cool dry location
• It is recommended to fully recharge the light, then turn off (dis-engage) the master switch before prolonged periods of storage
• If the battery goes into deep discharge the battery may be permanently damaged and will not function.

## Proper use/warning

(1) This product is designed specifically to work with the BrightBeam 5W solar panel range and special Doble cables. Do not use any other solar panel or cable to recharge the light as this could damage the product, cables and/or solar panel.

(2) **This product is NOT certified to be connected directly to a mains power outlet. Such unauthorized use may cause injury to persons and/or damage to property.** Such action will void our warranty and Doble takes no responsibility for any personal injury, or any damage to the product or any other property, caused or contributed to by such unauthorized use.

(3) This product is designed to operate in a range of 0 to +50° C. Operating outside these temperature zones can reduce the capacity and lifespan of the internal battery and electronics.

(4) This product must be opened by authorized personnel only. If the product is opened or tampered with by an unauthorized person, it will void any warranty.

(5) The IP54 rating is based on the dust cover (#5) being in the closed position. Once the cover is open care must be taken to not allow water or foreign objects into the connectors as this may cause partial or total failure of your Light.

(6) Do not immerse product in water or other liquids. Only clean in accordance with our maintenance instructions below.

(7) Doble takes no responsibility for any damage to the product, persons or other property caused or contributed to by misuse of the product, including failure to follow these proper use instructions.

## Care and maintenance

- To ensure proper contact, full IP rating and functionality, the DC jack (#2, #4) must be kept free of dirt.
- Keep the device clean and the DC dust cover (#5) closed when it is not in use
- Clean the device only with a damp cloth and mild detergent. Avoid excessive use of water and strong detergents as this can cause damage to the plastic surface, rubber gaskets and stainless finish .

## Product Warranty

- The Doble Group (Doble), warrants that for a period of two (2) years from the date of original consumer purchase, this product will be free from defects in material and workmanship. Doble, at its opinion, will repair or replace this product, or any component, found to be defective during the warranty period.
- Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be with a similar product of equal or greater value.
- This warranty is in addition to any statutory warranty or guarantee rights that the buyer may have under local consumer laws.
- The buyer must keep the original receipt, as proof of purchase is required to process a claim under our warranty.

## Disclaimer

Our warranty does not cover normal wear of parts, product failure due to parts that are not genuine Doble parts, or damage or failure of the product resulting from any of the following: negligent use or misuse of the product; use contrary to the operating instructions; disassembly, repair or alteration by anyone other than Doble or an authorized service center. Further, our warranty does not cover damage to or failure of the product resulting from force majeure including but not limited to acts of God, acts of man, acts of parliament, and other impersonal events or occurrences.

## Disposal

(1)  Please dispose of the product in as environmentally friendly a manner as possible. It is a sealed unit and must be dismantled for recycling by a skilled professional with the proper disposal of the battery cells.

## Product Specifications

|  | SCS100T | SCS100P | SCS200T | SCS200P |
|---|---|---|---|---|
| Phaesun Art.Nr. | - | 391002 | 391004 | 391003 |
| Measurements [mm] (without hooks) | 1040x42x42 | 550x29x32 | 1330x42x42 | 925x29x32 |
| Telescopic [mm] | min. 1040 max.1800 |  | min. 1330 max. 2300 |  |
| Weight [kg] | 1,25 | 0,4 | 1,6 | 0,7 |
| Housing Material | Stainless steel, PC, Nylon, Rubber, Silicone | | | |
| Quantity LEDs | 15 | | 30 | |
| LED power [W] | 1,1 | | 2,2 | |
| Distribution | 120° | | | |
| IP Rating | IP54 | | | |
| Colour | Cool white | | | |
| Setting 1 [lm] | 125 | | 250 | |
| Setting 2 [lm] | 25 | | 50 | |
| Setting 3 [lm] | 5 | | 10 | |
| BATTERY LIFE | | | | |
| - High [hours] | 10 | | | |
| - Mid [hours] | 50 | | | |
| - Low [hours] | 250 | | | |
| Charge type | DC | | | |
| Nominal Battery Voltage [V] | 3.2 | | | |
| Battery Capacity | 3000 mAh \| 11.1 Wh \| 1S2P | | 6000 mAh \| 22,2 Wh \| 1S4P | |
| Battery Type | Lithium Ion Phosphate 18650 | | | |
| Charge Cycles | Up to 4,000* | | | |
| Recharge time | 2-3 hours | | 4-5 hours | |
| DC IN ports | 1 x 5,4/2,0 mm \| 5V \| 1A | | | |
| DC OUT ports | 2 x 5,4/2,5 mm \| 3,2V \| 1,7A | | | |
| USB BOOSTER CABLE | | | | |
| Voltage [V] | 5 | | | |
| Current [mA] | 800 | | | |

* Based on partial load cycles, the battery loads capacity at least up to 80% with 4000 load cycles
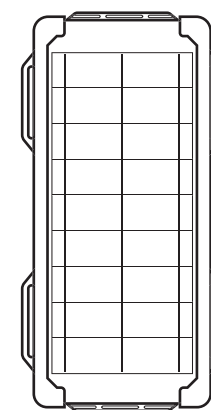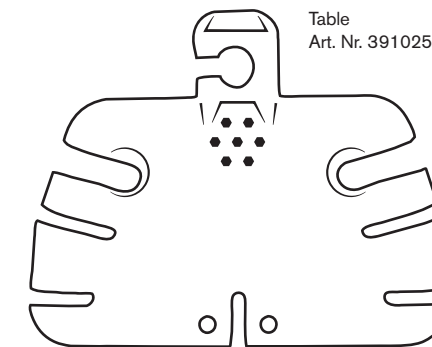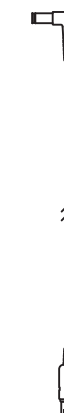


SCS 200t

SCS 100t

Table
Art. Nr. 391025

12V - DC converter kit
Art.Nr. 391198

SCS 200p

USB converter cable
Art.Nr. 391199

SCS 100p

SCS 5W solar module

Solar Modul
Art.Nr. 310179