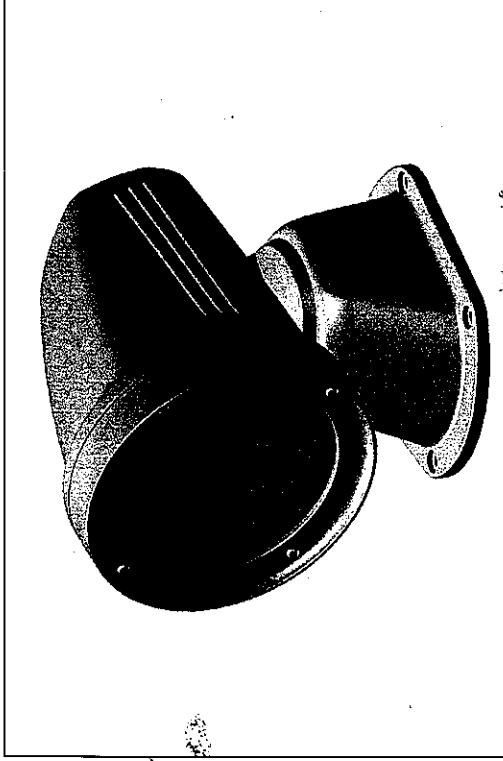




OSCU LATI

Installation & Operation Instructions



All Purpose Spot / Flood Light

Model 10550J / 10550R - *Spot Light Only*

Model 10550SF / 10550SFR - *Spot & Flood Light*

To avoid the risk of accidents or damage to this product, it is essential to read these instructions thoroughly before this product is installed and used.

*EN Edition
Nov 2011*

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Product Highlights

- ☉ Certified in compliance with IEC 60598-2-5:1998 (safety), EN 55015 + EN 61547 (CE), EN 301 489-1/-3 + EN 300 440-2 (RF), EN 60945 (marine), IP67 (protection).
- ☉ Two types available: 1) spot light only; 2) spot and flood light.
- ☉ 352° horizontal rotation, 50° vertical range.
- ☉ Remote models can use multiple remote controls and add a joystick control panel.
- ☉ Digital remote control signal reliable and resistant to interference.
- ☉ Completely sealed and waterproof.
- ☉ 12 Volts DC input power.
- ☉ Matching matrix:

J – Joystick Control (cannot add remote control) R – Remote Control SF – Spot/Flood Mode

A – Joystick Control, remote compatible

Control Light Model	10555J	10555R	10555A	10555SF	10555SFA	10555SFR
10550J	V					
10550R		V	V			
10550SF				V		V
10550SFR						V

Specifications

Material	Plastic (ASA) body, glass front cover
Styling	5" round
Light Source	Halogen H3 light bulb (100 Watts) – 10550J, 10550R Halogen H4 light bulb (100/90 Watts) – 10550SF, 1055-SFR
Light Coverage	0.25 Lux @ 775 m
Light Mode	Spot light by H3 light bulb – 10550J, 10550R Spot and flood light by Halogen H4 light bulb – 10550SF, 10550SFR
Rotation	352° horizontal, 50° vertical, jam protection
Power Cable	5 ft
Power Supply	12 VDC
Size L x W x H	22 x 17 x 25 (cm)
Weight	2 kg

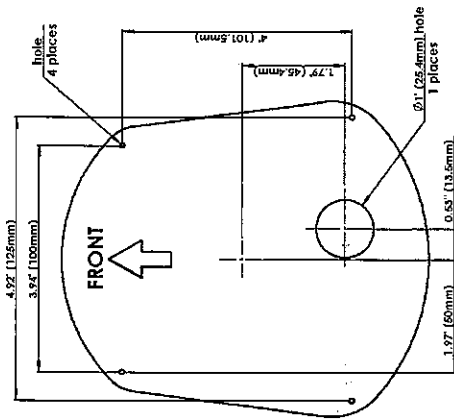
Controls available separately

Control	Joystick control, 2.4GHz remote control (for certain models only)
Signal Line	15 ft wire harness (non-remote models)
Optional Line	RJ11 6P4C Pln 1-1 straight through, 15 ft / 25 ft / 35 ft (remote models)

Installation

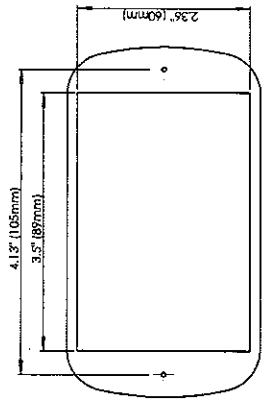
Spot Light Installation

1. The spot light should be installed on flat, level, and non-metal surface.
 2. Make use of the foam gasket to mark mounting holes and wiring access (1 inch or 25.4 mm) on flat surface, see picture below. Make wiring access.
 3. Route the power cable and signal lines through wiring access of the gasket and flat surface.
 4. Secure deck mount by four (4) self-tapping screws of 1/4 inch (6 mm), or bolts and nuts.
- !** Remember to install the foam gasket, and ensure proper sealing.



Joystick Control Panel Installation

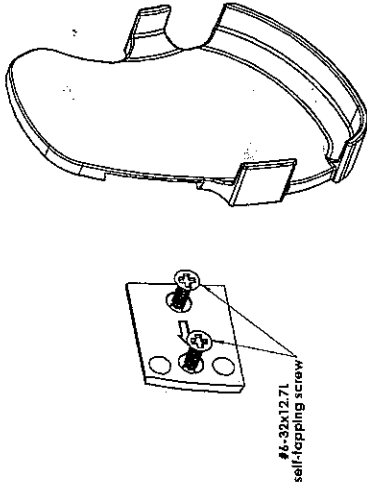
1. The joystick control panel should be installed on flat surface at a dry location.
2. Make use of the foam gasket to mark mounting holes and rectangular hole (3-1/2 by 2-3/8 inch or 89 by 60 mm) on flat surface. Make rectangular hole.
3. Take off top cover from joystick control panel, then fit control panel into the rectangular hole. Secure control panel with two (2) #8 (M4) self-tapping screws or bolts and nuts.
4. Put back top cover.



- !** Provide water and weather protection for the location where joystick control panel is installed.

Remote Control Bracket Installation

1. Take off mounting plate from the back of bracket. Secure mounting plate on selected location with the two (2) self-tapping screws that come with the product.
2. Fit bracket to mounting plate as shown in below.



- !** Provide water and weather protection for the location where joystick control panel is installed.

Electrical Wiring

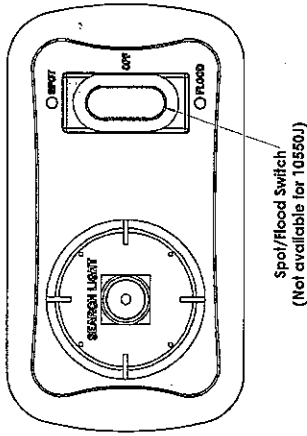
(A) Spot lights with wire harness connection (Model 10550J, 10550SF) –

1. Provide DC 12 Volt input power for the product.
 2. Protect input power positive (+) terminal with 10 A fuse or circuit breaker.
 3. Use 12-gauge power cable for wiring distance not more than 30 ft (9 m), and use 10-gauge power cable for longer wiring distance.
 4. 10550SF links to joystick control panel by 6 signal lines.
 5. 10550J links to joystick control panel by 5 signal lines.
- !** Check color of the cables for making electrical connection.
- !** The power switch on joystick control panel should be set to "OFF" before supplying power to the product.

Operation

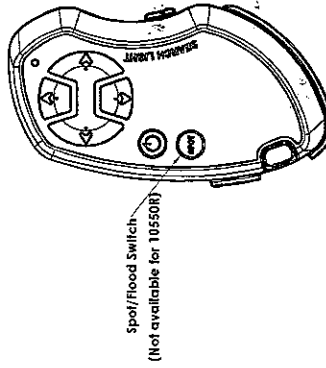
Joystick Control

1. The control of spot light by joystick is straightforward.
2. Change light feature by spot/flood switch (see picture below). **Not available for 10550J.**



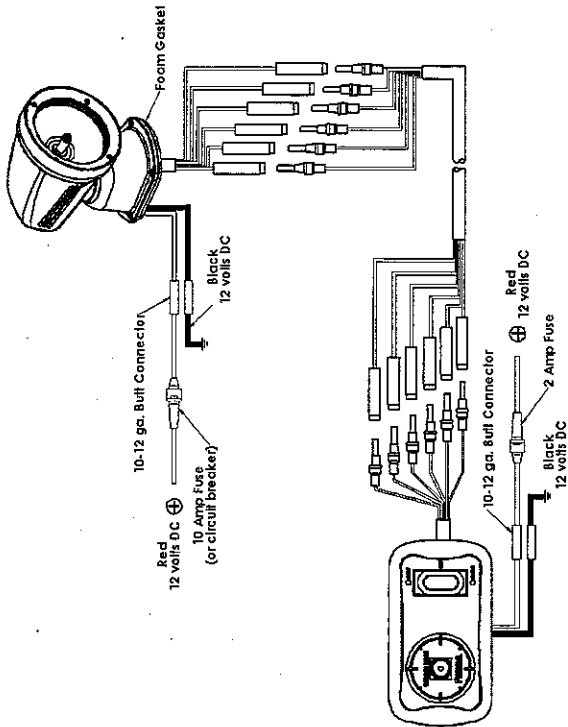
Remote Control

1. Press arrow key to control rotation of the spot light.
2. Change light feature by spot/flood switch (see picture below). **Not available for 10550R.**



Caution

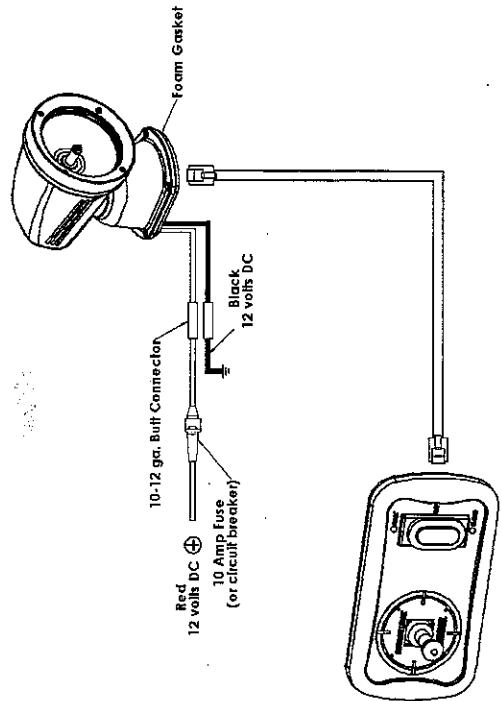
- ⚠ Continuous operation for more than two (2) hours should be avoided. Longer continuous operation time may consume the light bulb quickly.
- ⚠ DO NOT try to operate the product beyond angular range as it will damage the product.
- ⚠ DO NOT press or hit the glass front cover.
- ⚠ DO NOT look directly into the spot light while the product is in operation.
- ⚠ DO NOT cover the light with any material, otherwise accidental activation of the product may result in fires.



(B) Spot lights with remote control (Model 10550R, 10550SFR) –

Optional joystick control panel with telephone line can be added to these models. Make additional connection as shown in picture below. The spot light links to joystick control panel by telephone line.

- ⚠ The power switch on joystick control panel should be set to "OFF" before supplying power to the product.



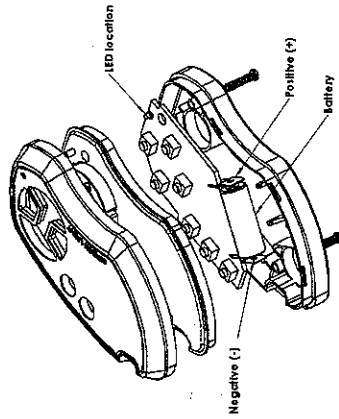
Maintenance

How to conduct general care ...

1. Use diluted neutral cleanser for general cleaning.
- 1 Do not use other chemicals or abrasives.
2. No need to provide additional lubrication.

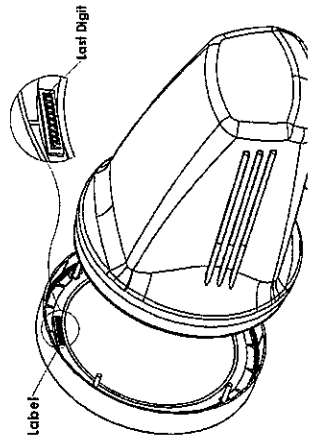
How to replace battery for remote control ...

1. Remove remote control from bracket.
2. Loosen the two (2) screws from back cover of remote control.
3. Carefully disassemble remote control, see details in picture below.
4. Replace the used 12V / A23 battery with new one.
5. Push any button to check if the LED indicator illuminates.

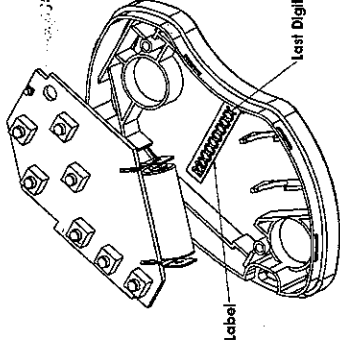


How to locate serial number ...

In case of remote control missing, user can remove the four (4) screws and take off glass front cover to obtain serial number shown on the label placed inside housing, see picture below. Note the last digit of the serial number P2XXXXXXX (X=0-9) then notify dealer.



In case of remote control broken or when ordering additional remote control, user can loose the two (2) screws from back cover of the remote control to obtain serial number shown on label R2XXXXXXX (X=0-9). Note the last digit of serial number then notify dealer.



Which are replaceable parts ...

1. 100 Watts halogen light bulb

H3 - 10550J, 10550R

H4 - 10550SF, 10550SFR

2. Controls:

Control Light Model	10555J	10555R	10555A	10555SF	10555SFA	10555SFR
10550J	V					
10550R		V	V			
10550SF				V		
10550SFR					V	V

3. Main PC board
4. Lower motor
5. Upper motor
6. Cables (telephone line)

Troubleshooting

Installation work and repairs to electrical components of this product must only be carried out by a suitably qualified and competent person in accordance with current local and national safety regulations. Repairs and other work by unqualified persons could be dangerous. The manufacturer cannot be held liable for unauthorized work.

What to do if ...

... the spot light does not respond to remote control.

- Press and hold button for 2 seconds.
- Move to a location that is less than 15 m away.
- Move to a location that has no obstructing structure between remote control and spot light.
- Replace battery for remote control.
- Check whether the last digits of serial numbers inside light housing and inside remote control are identical.

... the light cannot be turned on.

- Secure light bulb.
- Replace light bulb.
- For remote models, check if correct telephone line (RJ11 6P4C Pin1-1 straight through) is used.

... the spot mode or flood mode does not function.

- Replace light bulb.

... the spot light does not respond to any control.

- Check voltage of onboard battery.
- Check the fuse or circuit breaker that protects spot light and joystick control panel.
- Carefully uninstall the spot light. Examine the electrical connections and wire harness.
- For remote models, check if correct telephone line (RJ11 6P4C Pin1-1 straight through) is used.
- ❗ Do not replace a blown fuse until the cause of spot light malfunction is identified and resolved.
- ❗ DO NOT replace a blown fuse with a fuse that takes higher current.

... the spot light halt during operation.

- Return spot light and joystick control panel to dealer for further inspection.

... the spot light cannot rotate in certain direction.

- Carefully uninstall the spot light and examine the electrical connections and wire harness.
- Replace joystick control panel.

... the brightness of the light significantly decayed.

- Replace light bulb.

For other problems, and when problem is not solved with the above tips ...

Return complete product with proper packaging to dealer for inspection. Include a description of the problem, user contact information, and proof of purchase if requesting warranty service.

Limited Warranty

For one (1) year from the date of original purchase, Osculati will, at its discretion, repair or replace for the original consumer, free of charge, any parts found defective in material or workmanship. All transportation charges under this warranty must be borne by the consumer.

Proof of purchase is required: A computerized register receipt is required. Hand-written receipts are not accepted for warranty proof of purchase. In the absence of a receipt, warranty period will be calculated from date of manufacture printed or stamped on the product.

There is no other expressed warranty. Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to one (1) year from the date of purchase. This is the exclusive remedy and consequential damages are excluded where permitted by law.

This warranty does not apply if the product has been damaged by accident or misuse, or as a result of service or modification performed by an unauthorized factory. Except as otherwise expressly stated in the previous paragraph, the company makes no representation or warranty of any kind, express or implied, as to merchantability, fitness for a particular purpose, or any other matter with respect to this product. The company shall not be liable for any consequential loss to life safety and property if it's due to user's failure in following this manual to install and use the product.