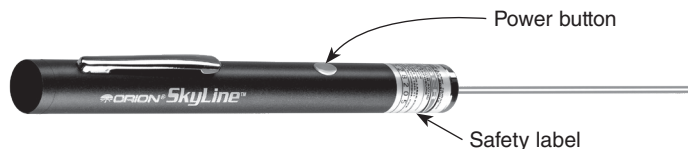


Orion® SkyLine™ Deluxe Green Laser Pointer

#5673



Congratulations on your purchase of the Orion SkyLine Deluxe diode pumped, solid state, frequency doubled green laser pointer. The SkyLine Deluxe emits a thin but intense beam of green laser light, which in a dark sky appears to stretch all the way to the stars! The SkyLine Deluxe is a nifty teaching aid, allowing you to point out stars, planets, and constellations to other individuals or groups of people. The SkyLine Deluxe's far-reaching beam is visible not only by the person holding the pointer, but also by others standing several feet to the side. It works even in light-polluted or moonlit skies, though dark skies are best. Unlike other laser pointers, this advanced design utilizes light control feedback to ensure full optical output power across broad temperature ranges. This servo control technology provides for instant bright laser light even during cool outdoor observing.

User Safety Precautions

The SkyLine Deluxe Green Laser Pointer is not a toy! It should be used responsibly, and only by adults.

- Avoid Direct Eye Exposure.
- Class IIIA / 3R Laser Product.
- DO NOT shine the laser toward people.
- DO NOT shine the laser into or near the eyes of people or animals. Direct eye contact with beam or bright reflection may cause eye injury.
- DO NOT shine the laser toward moving vehicles of any kind, even distant ones.
- DO NOT shine the laser at reflective surfaces, as the redirected beam could enter someone's eye.
- DO NOT shine the laser at aircraft. Shining lasers at aircraft may be considered a felony.

Operation

Depress the power button to turn the laser beam on. The laser shines for as long as the power button remains depressed. Releasing the power button turns the laser beam off. The SkyLine Deluxe's Class 3R laser is intended for intermittent, short-duration use as a hand-held pointer. The laser should be turned on for no more than a minute or two at a time, then left off for a minute or so. Keeping the power on for longer durations may cause the beam to dim. This will not damage the laser circuitry, however. After a period of several minutes with the power off, the beam should shine at full intensity again.

Using the SkyLine Deluxe is a convenient and fun way to point out specific stars, planets, or regions of the night sky to fellow night sky enthusiasts. It's beam is especially useful for tracing constellation patterns. Simply point the device towards a celestial object of interest and depress the power button. Please use the SkyLine Deluxe sparingly at public gatherings so as not to interfere with others' enjoyment of the night sky. It should not be used where others are taking astrophotographic exposures, as the light could register on the resulting image.

Replacing the Batteries

To replace run-down batteries, rotate the end cap near the pocket clip counterclockwise. Remove the two AAA batteries and replace with a fresh pair. Insert both fresh batteries with the negative (-) end first. Then thread the end cap back on, turning it clockwise.

Battery replacement is the only maintenance required by the user. Any maintenance, service, or repair concerns other than battery replacement should be communicated to Orion Customer Service at (800) 676-1343. Service is not allowed by the user. Do not disassemble this product. If service or repair is required, the unit must be returned to Orion.

Specifications

Laser class: Class 3R

Laser type: Diode-pumped solid state frequency doubled

Output wavelength: 532 nm

Output power: 3.5-4.5mW (continuous wave)

Operating current: 390 mA

Range (in darkness): >1 mile

Switch: Pushbutton (momentary)

Batteries: Two AAA (included)

Battery life: Up to 4 hours of continuous use

Dimensions: 134mm long x 13mm dia. (5.3" x 0.5")

Weight: 65g (2.4 oz.)

This is a Class 3R laser product as classified per IEC 60825-1 Ed.1.2, 2001-2008.

This Class 3R laser product complies with FDA performance standards for laser products except for deviations pursuant to Laser Notice No. 50 dated July 26, 2001. No scheduled maintenance is necessary to keep this product in compliance.

LASER APERTURE



Complies with FDA performance standards for laser products except for deviations pursuant to Laser Notice No. 50, dated July 26, 2001



Orion, Santa Cruz, CA
Skyline Deluxe

Caution

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

One-Year Limited Warranty

This Orion product is warranted against defects in materials or workmanship for a period of one year from the date of purchase. This warranty is for the benefit of the original retail purchaser only. During this warranty period Orion Telescopes & Binoculars will repair or replace, at Orion's option, any warranted instrument that proves to be defective, provided it is returned postage paid. Proof of purchase (such as a copy of the original receipt) is required. This warranty is only valid in the country of purchase.

This warranty does not apply if, in Orion's judgment, the instrument has been abused, mishandled, or modified, nor does it apply to normal wear and tear. This warranty gives you specific legal rights. It is not intended to remove or restrict your other legal rights under applicable local consumer law; your state or national statutory consumer rights governing the sale of consumer goods remain fully applicable.

For further warranty information, please visit www.OrionTelescopes.com/warranty.



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