

# Olight RN120



- **Maximum** 120 lumens, 260° of light, and visible from 1500 meters
  - **Ambient Light Sensor:** Auto adjusts light mode and output depending on ambient conditions
  - **Safety:** Smart motion sensor for safety riding
  - **Simple operation:** Double click to change the mode, short click to cycle through brightness settings
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## GENERAL DATA

**Beam Distance (ft)** 4,921

**Beam Distance (m)** 1,500

**Max. Performance (lumens)** 120

**Charge type** Micro-USB

**Compatible Batteries** 480 mAh Polymer Battery(Included)

**Light Form** COB/SMD

## GENERAL DATA

<b>Mode Operation</b>	Side Switch
<b>Form/Size Factor</b>	Small size
<b>Series</b>	Bike Light Series

## LIGHTING LEVELS

<b>LEVEL 1 (lumens)</b>	120-80-45-20
<b>Run-time LEVEL 1</b>	Auto break+1.5+2.8+5.2 hours
<b>LEVEL 2 (lumens)</b>	BREATHE (0-80-0 lumens)
<b>Run-time LEVEL 2</b>	<b>2 hours 50 minutes</b>
<b>LEVEL 3 (lumens)</b>	COMET (0-80 lumens)
<b>Run-time LEVEL 3</b>	<b>3 hours 10 minutes</b>
<b>LEVEL 4 (lumens)</b>	Flash(40 lumens)
<b>Run-time LEVEL 4</b>	<b>10 hours</b>
<b>LEVEL 5 (lumens)</b>	INTERACTIVE (120 lumens)
<b>Run-time LEVEL 5</b>	<b>20 hours</b>
<b>LEVEL 6 (lumens)</b>	SMART MODE DURING THE DAY, 10-80 lumens
<b>Run-time LEVEL 6</b>	<b>16 hours</b>
<b>LEVEL 7 (lumens)</b>	SMART MODE AT NIGHT, 30-80 lumens
<b>Run-time LEVEL 7</b>	<b>2 hours 50 minutes</b>
<b>Strobe</b>	No

## GENERAL DATA

**SOS /  
BEACON** No

## TECHNICAL CHARACTERISTICS

**Waterproof** IPX6

**Weight (g /  
oz)** 26 / 0.92

**Length (mm  
/ in)** 30 / 1.18

**Height (mm  
/ in)** 32 / 1.25

**Width (mm /  
in)** 34 / 1.34

**Packaging** Color Box

**Use** Urban Riding, Daily  
Commuting, Road  
Cycling

**Package  
Contents**

- RN 120 x 1
- Mounting strap x 1
- Saddle mount x 1
- Tie Band x 2
- Micro-USB cable x 1
- User Manual x 1



**RN 120**  
INTELLIGENT SAFETY LIGHT

120LM | Motion sensor | Light sensor



## SEE ME DAY AND NIGHT

Maximum **120** lumens, and visible from up to **1500** meters.

# APPLICATIONS



Road Cycling



Urban Riding



Daily Commuting



## EFFICIENT LIGHT OUTPUT

Compares to red cover, transparent optical fiber emits stronger and uniform light outputs while consuming less energy.



A dark scene at night, possibly a construction site or a road at night. A long, horizontal red light bar is visible in the background, and a series of smaller, square red lights are arranged in a line, receding into the distance. The ground is dark, and the overall atmosphere is mysterious and high-tech.

## SMART MOTION SENSOR

The motion sensor turns on automatically when braking,  
and lights up for 3 seconds at maximum 120 LM.

*\*This function will be off when battery level is less than 20%.*





## SENSITIVE AMBIENT LIGHT SENSOR

Under smart mode, the built-in light sensor automatically adjusts the brightness according to ambient lighting conditions.

## CONVENIENT USB CHARGING

Indicator light will stay green when charging finished.

