PARK GLOW™

Parking Sensor

PARKING SENSOR

SKU	Model #
157228	BLT-PG01

Park Glow is a cutting-edge, plug-and-play parking sensor designed for indoor parking lots to simplify the parking experience. With its easy-to-install functionality, Park Glow provides real-time parking space availability through a simple yet effective color-coded system. When a parking space is occupied, the LED turns red; when available, it lights up green. The system is powered by a 24V DC driver and supports up to 20 sensors connected to a single driver. This plug-and-play design eliminates the need for complex control systems, making it ideal for businesses seeking a cost-effective, efficient parking solution.

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Product Features

- **Easy Installation:** Plug-and-play system, no need for complex control setups. Connect up to 20 sensors to a single 24V DC power supply.
- **Efficient Parking Management:** Quickly identify available parking spaces with clear green (available) and red (occupied) lights.
- **Cost-effective:** No control system required, reducing overall installation and maintenance costs.
- **Improves Parking Experience:** Helps drivers find available spaces faster, reducing congestion and time spent searching for parking.
- **Versatile:** Designed for indoor parking lots, ideal for malls, office buildings, and parking garages.
- **High Visibility:** The bright LED lights can be seen from a distance, making the parking system easy to monitor.

SKU: 157228 Specifications

Parameter	Description	Value
General Performance	Model #	BLT-PG01
	Input Voltage	DC 24V
	Default Color Combination	Red / Green
	Detection Angle	Adjustable
	Baud Rate	9600bps
	Power Consumption	≤5W
	Address Encoding	DIP Switch Settings
	Working Environment	Temperature: -10°C ~ 55°C Humidity <95% RH (no condensation)
	Installation Height	10 - 12ft
	Weight	0.88 LBS

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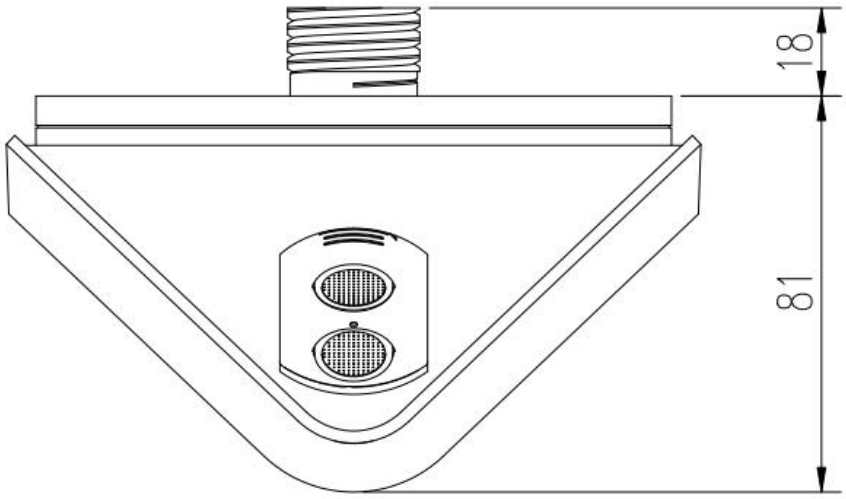
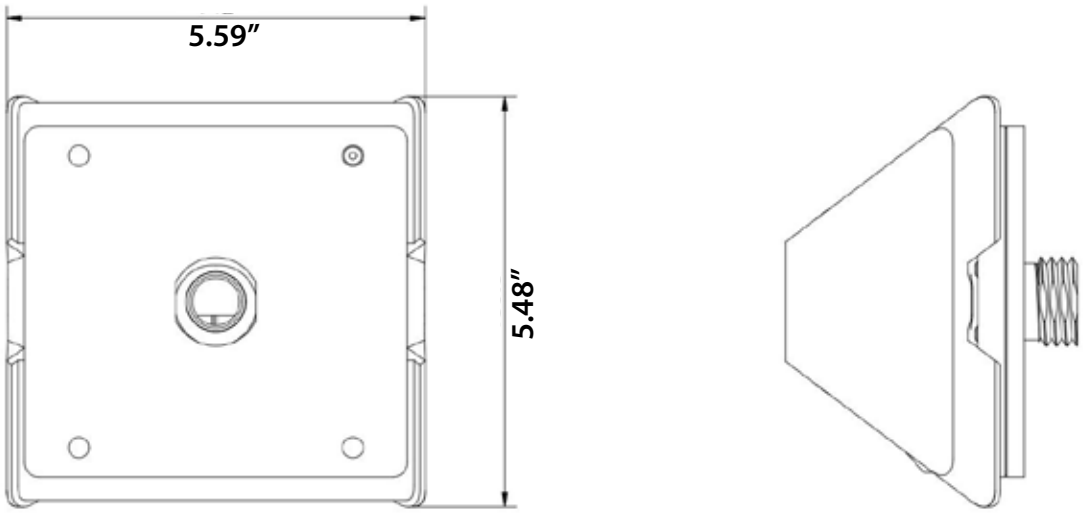
Dimensions





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Installation

PARK GLOW PARKING SENSOR INSTALLATION GUIDE

Installation Process

1. **Preparation:** Begin by preparing the installation area.
2. **Bridge Installation:** Set up the bridge structure over the parking spaces.
3. **Power and Wiring:** Lay the power lines to the sensor.
4. **Sensor Installation:** Install the sensors and connect them to the power supply.
5. **System Check:** Inspect all connections to confirm they are correct.
6. **Power-On and Testing:** Turn on the system and perform trial operations to ensure functionality.

Required Materials:

1. **Connection Wires:** Use high-quality sheathed wires for connections.
   For Detectors and Power Supply: RVV 18 AWG wire for power supply.
   Laying Pipes: Use metal trunking for wiring.

Installation Requirements

- **Wiring Separation:** Keep power lines separate from other wiring.
- **Grounding:** Ensure that all equipment is correctly grounded.
- **Outdoor Wiring:** Lay outdoor wiring in protective conduits. Clearly mark both ends of the wiring to avoid confusion.

Bridge Setup

- **Bridge Location:** Install the bridge in the center of the parking lane. Ensure it is properly grounded and fastened securely.
- **Detector Height:** The sensors should be mounted 10 to 12 feet above the parking lot's height limit to avoid being hit by vehicles.
- **Uniform Height:** Ensure the bridge height is consistent for aesthetic purposes.
- **Boom Placement:** The booms should not exceed 6.5 feet apart and must be securely fixed.

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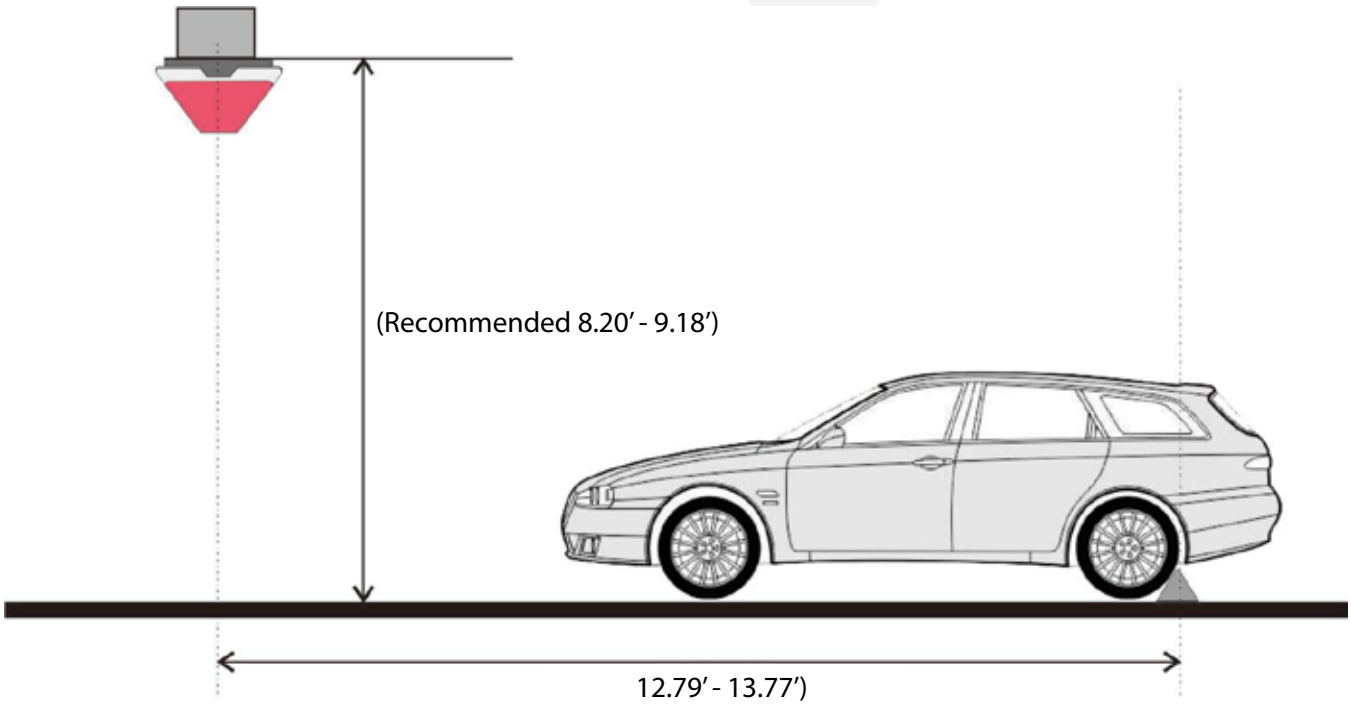
Ultrasonic Detector Installation

- **Mounting:** Install the detectors under the bridge using a mounting nut. Drill a hole where the detector will be placed.
- **Positioning:** The detectors should be mounted 10 to 12 feet above the parking space line, centered left to right.
- **Light Clearance:** Ensure the detectors are not placed directly under fluorescent lights. Maintain at least 8 inches of clearance from light sources.
- **Orientation:** The detector should face the parking space, with no obstacles blocking the view of the indicator light. It should be mounted vertically with a slight tilt if needed.

Color Settings

- **Color Combination:** The parking lights will show:
  Red (Occupied) / Green (Available)



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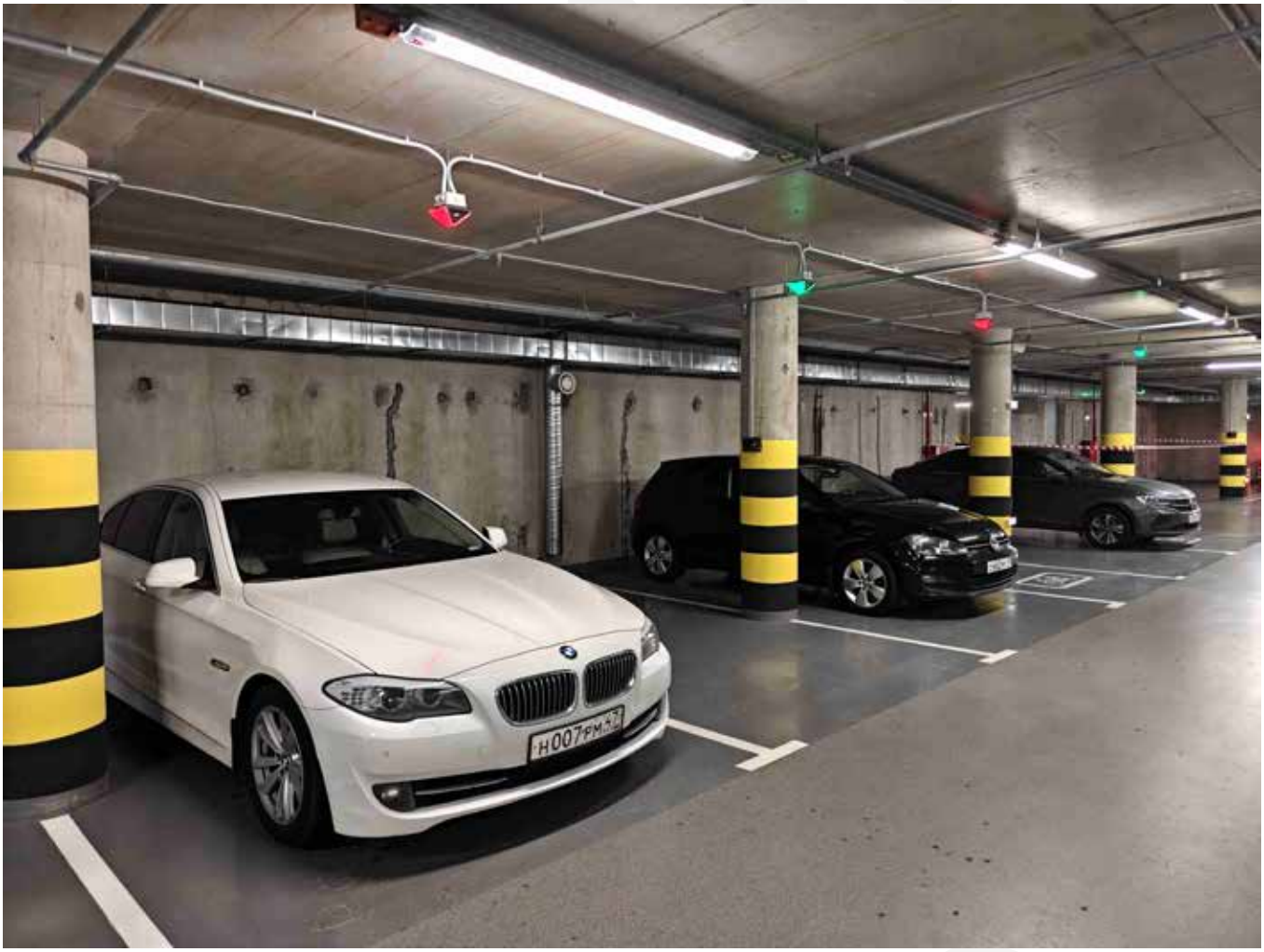
Application Image



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Application Image