Technical details

LED Road Stud bidirectional

TWO-WAY

Dimensions
Ø160mm H: 89.4mm (Ø6 5⁄16” H: 3 ½”)

Height above road surface
9.4mm (3⁄8”)

Material
Aluminum ground fitting with corrosion-resistant insert made of salt and snowplow resistant stainless steel with polycarbonate lenses for LED

Protection category
IP 68
IK 10

Light Unit
Standard LED: 16 LEDs (5mm), 8 per direction
High-power LED: 4 power LEDs

Beam angle
Standard-LED: 15°
High-power LED: 16°

Light colors
Daylight white, warm white, red, orange, green, blue

LED service life
100,000 h (manufacturer specification)

Light-control features
In connection with Road Stud Control controller, various sensors can be used: real-time operating hours, motion sensor, dimmable, external control signals via RS232, RS422, RS485, USB, SPI, ETHERNET, RF433/686/915 MHZ, LORA, LORAWAN

Areas of application
Bidirectional hardwired road stud for
- marking hazards, traffic islands, roundabouts, bicycle paths
- entry lighting
- traffic guidance systems
- adaptation lighting
- marking of pedestrian crossings

Highlights
- Robust construction for harsh conditions (salt, chemicals, weather exposure)
- Silicone-free junction sealing for faster and cleaner maintenance
- Installation accessory for easy leveling
- Visibility distance up to 1 km
- Ready for snowplow machines

Load capacity
Up to 90 tons – snowplow-proof

Voltage
Standard LED: 12V DC, 24V DC or 230V AC
High-power LED: 24V DC

Energy consumption
Standard LED: 160mA
High-power LED: 200mA

Connection cable
Standard LED: 2-core 2 × 0.75mm²
High-power LED: 3-core 3 × 0.75mm²
3m included

Operating temperature
–25 °C to +85 °C (–13 °F to +185 °F)

Certifications
CE, polycarbonate UL 94 V0

Weight
3 kg (6.6 lbs)

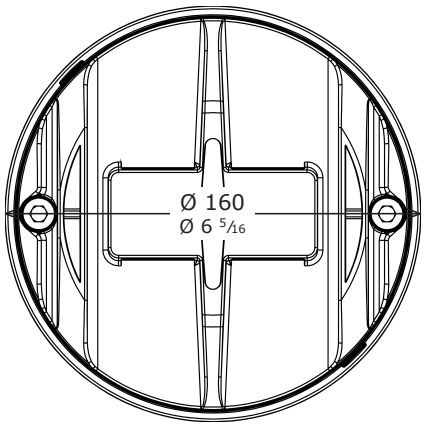
Rev. 1 · 08/2026

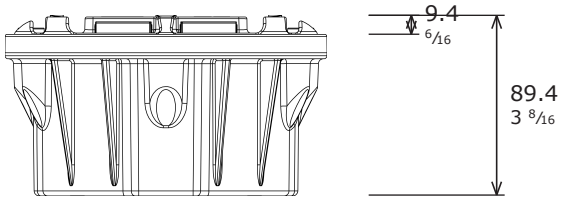
JoBe Lighting GmbH | T: +49 (69) 1532402-80
North America: JoBe Ops, LLC | T: +1 (805) 426-9630
info@jobe-lighting.com WhatsApp +49 69 94321288 www.jobe-lighting.com

Dimensions/article numbers

LED Road Stud bidirectional

TWO-WAY





Dimensions in mm, inches underneath

Product Number

72	08	08	1

Model
72 = Road Stud Two-Way, bidirectional

Light Color Side 1
02 = red
03 = amber
05 = green
07 = blue
08 = daylight white (5500K)
09 = warm white (2700K standard LED, 3500K power LED)

Light Color Side 2
02 = red
03 = amber
05 = green
07 = blue
08 = daylight white (5500K)
09 = warm white (2700K standard LED, 3500K power LED)

Version
1 = standard LED, 12/24 V DC
2 = high-power LED, 24 V DC
3 = standard LED, 230 V AC

Operating mode and power supply

The luminaire is identical in every operating mode. Steady light is the standard mode. Flashing and sequential operation are generated by the external controller and do not change the product number.
12 V DC and 24 V DC are set by the driver, the luminaire is the same. Only the 230 V AC version is a separate luminaire, because it has a supply cable with protective earth and can only be operated in steady mode.
Drivers and controllers are ordered separately, see price list.

Rev. 1 · 08/2026

JoBe Lighting GmbH | T: +49 (69) 1532402-80
North America: JoBe Ops, LLC | T: +1 (805) 426-9630
info@jobe-lighting.com WhatsApp +49 69 94321288 www.jobe-lighting.com