

Technical details

Flat LED Road Stud

CROSSWALK



Dimensions

Ø144mm H: 95mm (Ø5 11/16" H: 3 3/4")

Height above road surface

4mm (5/32")

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

Power LED, 1 W each
Unidirectional: 2 or 4 power LEDs
Bidirectional: 2 + 2 power LEDs

Beam angle

16°

Light colors

Daylight white, warm white, red, amber, green, blue

LED service life

100,000 h (manufacturer specification)

Light-control features

Standard mode of operation: steady.
Flashing or sequential operation available via external controller.



Areas of application

Uni- or bidirectional hardwired road stud for

- marking of pedestrian crossings
- road delineation, bends and curves
- regular and heavy traffic areas
- areas cleared by snowplow machines
- traffic guidance systems

Highlights

- Only 4 mm above the road surface
- Available rotatable after installation
- Mechanical resistance up to 160 tons
- Ready for snowplow machines
- High brightness by day and night
- Different light color on each side possible
- Easy maintenance

Load capacity

Up to 160 tons – snowplow-proof

Voltage

24V DC

Energy consumption

130mA (3 W per luminaire)

Connection cable

3-core: wire 1 (+), wire 2 (-), wire 3 (PWM)
3m included

Operating temperature

-25 °C to +85 °C (-13 °F to +185 °F)

Certifications

CE, polycarbonate UL 94 V0

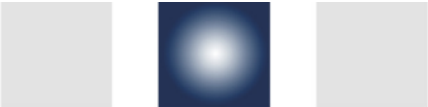
Weight

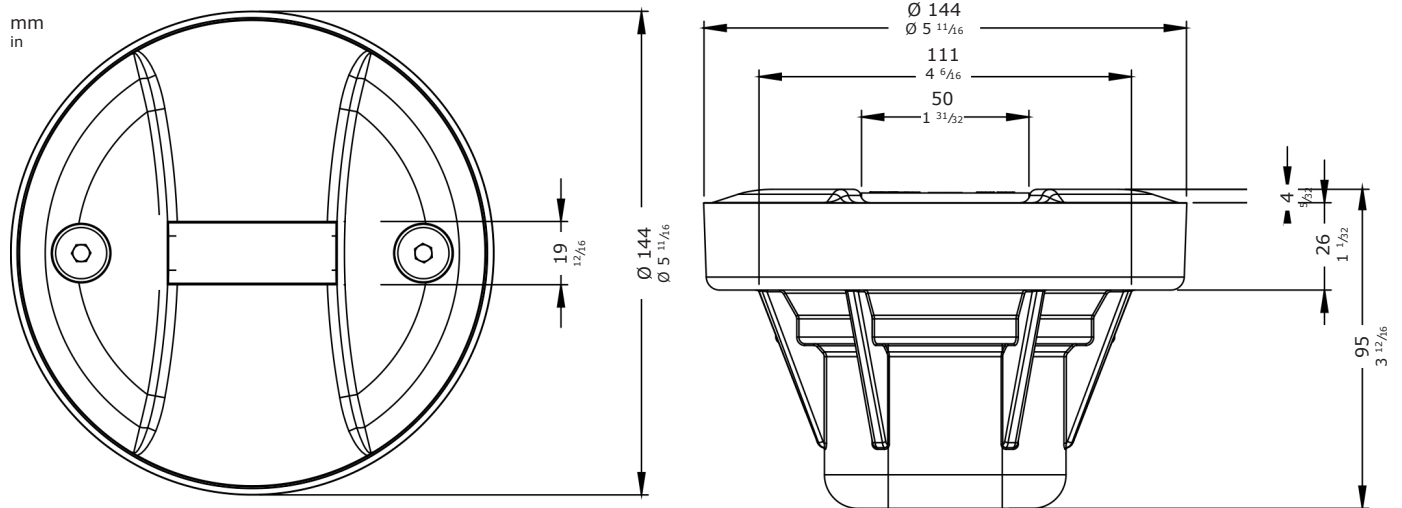
2.2 kg (4.9 lbs)

Dimensions/article numbers

Flat LED Road Stud

CROSSWALK


JoBe Lighting



Product Number

76	08	08	1	3
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Model

76 = Road Stud CROSSWALK, flat

Light Color Side 1

02 = red
03 = amber
05 = green
07 = blue
08 = daylight white (5500K)
09 = warm white (3500K)

Light Color Side 2

00 = no LED (side not equipped)
02 = red
03 = amber
05 = green
07 = blue
08 = daylight white (5500K)
09 = warm white (3500K)

Cable layout

1 - 6 = cable outlet layout,
see page 3

Version

1 = unidirectional, 2 power LEDs, rotatable
2 = unidirectional, 4 power LEDs, rotatable
3 = bidirectional, 2 + 2 power LEDs, rotatable
4 = unidirectional, 2 power LEDs, fixed
5 = unidirectional, 4 power LEDs, fixed
6 = bidirectional, 2 + 2 power LEDs, fixed

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Wiring

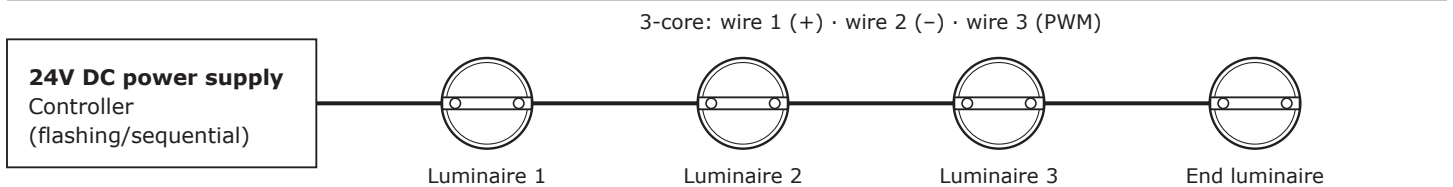
Flat LED Road Stud

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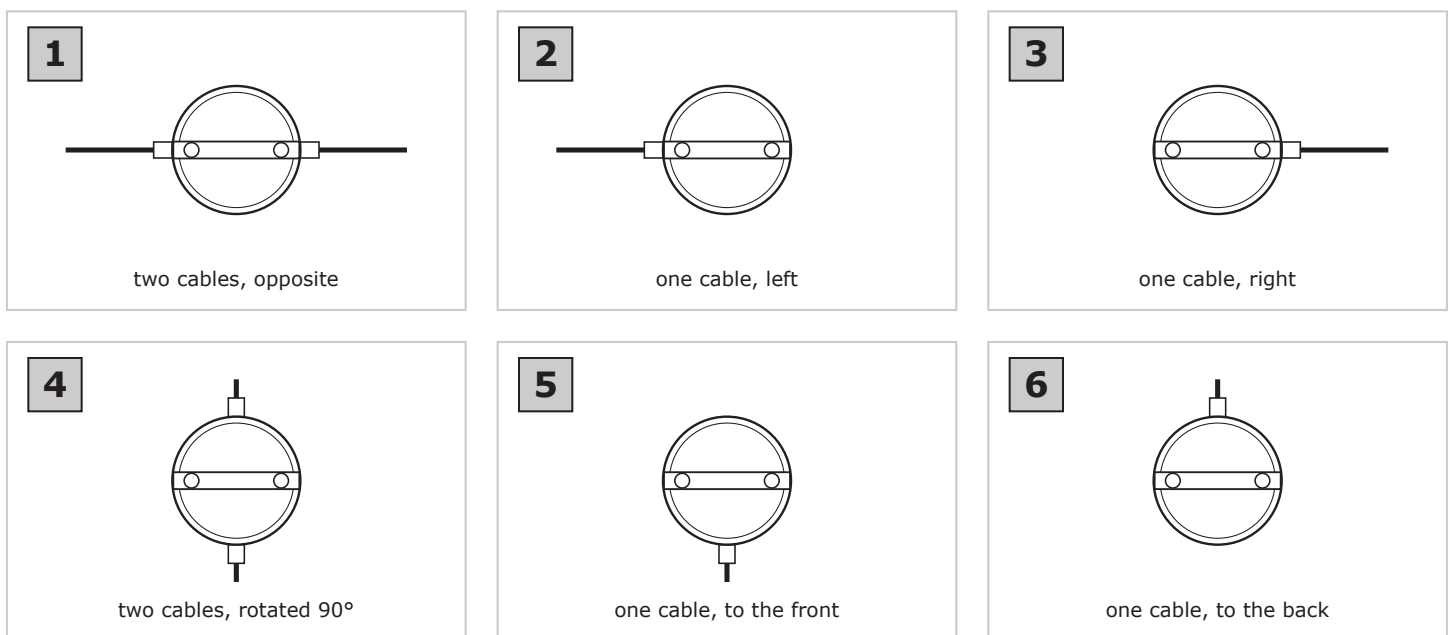


The housing is identical for every version. The connection cables are prefabricated and potted inside each luminaire at the factory, so the cable outlet and the position in the run are fixed with the order and cannot be changed on site.

Luminaires in a run



Cable outlets



Information required with the order

- Mode of operation: steady, flashing or sequential
- Number of luminaires per run and spacing between them
- Total length of the run and position of the supply point
- Cable outlet per luminaire (through luminaire or end luminaire)
- Light color per side, unidirectional or bidirectional, rotatable or fixed

The luminaire is identical in every operating mode. Steady light is the standard mode. Flashing and sequential operation are generated by the external controller through the third wire (PWM) and do not change the product number. Drivers and controllers are ordered separately, see price list.