

# Technical details

## LED Road Stud

# RINGWAY



### Dimensions

Ø160mm H: 107mm (Ø6 5/16" H: 4 7/32")

### Height above surface

24mm (15/16")

### Material

Top part: polycarbonate

Base: polyamide 6 with 30 %  
glass fibre (PA6 GF30)

### Protection category

IP 68

IK 10

### Light Unit

6 power LEDs

ring-shaped light emission, 360°

### 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

Omnidirectional (360°) hardwired stud for

- central islands of roundabouts
- traffic islands and splitter islands
- areas not driven on by vehicles
- marking of hazard points

### Highlights

- Ring-shaped light emission, visible from 360°
- High visibility thanks to power LEDs
- Rising only 24 mm above the surface
- Simple installation and replacement
- Can be powered by mains or solar energy

### Load capacity

Not designed to be driven over,  
for areas without vehicle traffic

### Voltage

12V DC or 24V DC or 230V AC

### Energy consumption

160mA (12V DC / 24V DC)

max. 9.5W (230V AC)

### Connection cable

2 × 1.5mm<sup>2</sup>, up to 3 × 1.5mm<sup>2</sup> possible

### Operating temperature

-25 °C to +85 °C (-13 °F to +185 °F)

### Certifications

CE, polycarbonate UL 94 V0

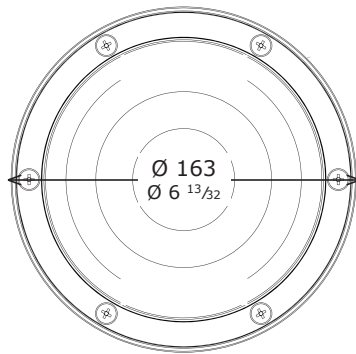
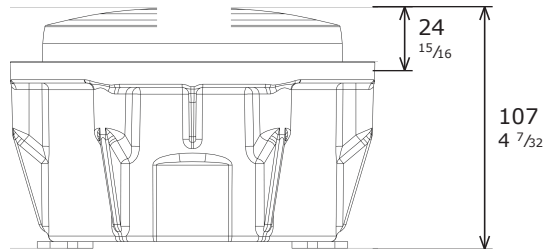
### Weight

1 kg (2.2 lbs)

# Dimensions/article numbers

LED Road Stud

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Dimensions in mm, inches underneath

## Product Number

|    |    |   |   |
|----|----|---|---|
| 75 | 08 | 1 | 1 |
|----|----|---|---|

### Model

75 = RINGWAY, omnidirectional 360°

### Light Color

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

### Cable layout

1 – 9 = cable outlet layout,  
see page 3

### Version

1 = power LED, 12/24 V DC  
3 = power 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. Drivers and controllers are ordered separately, see price list.

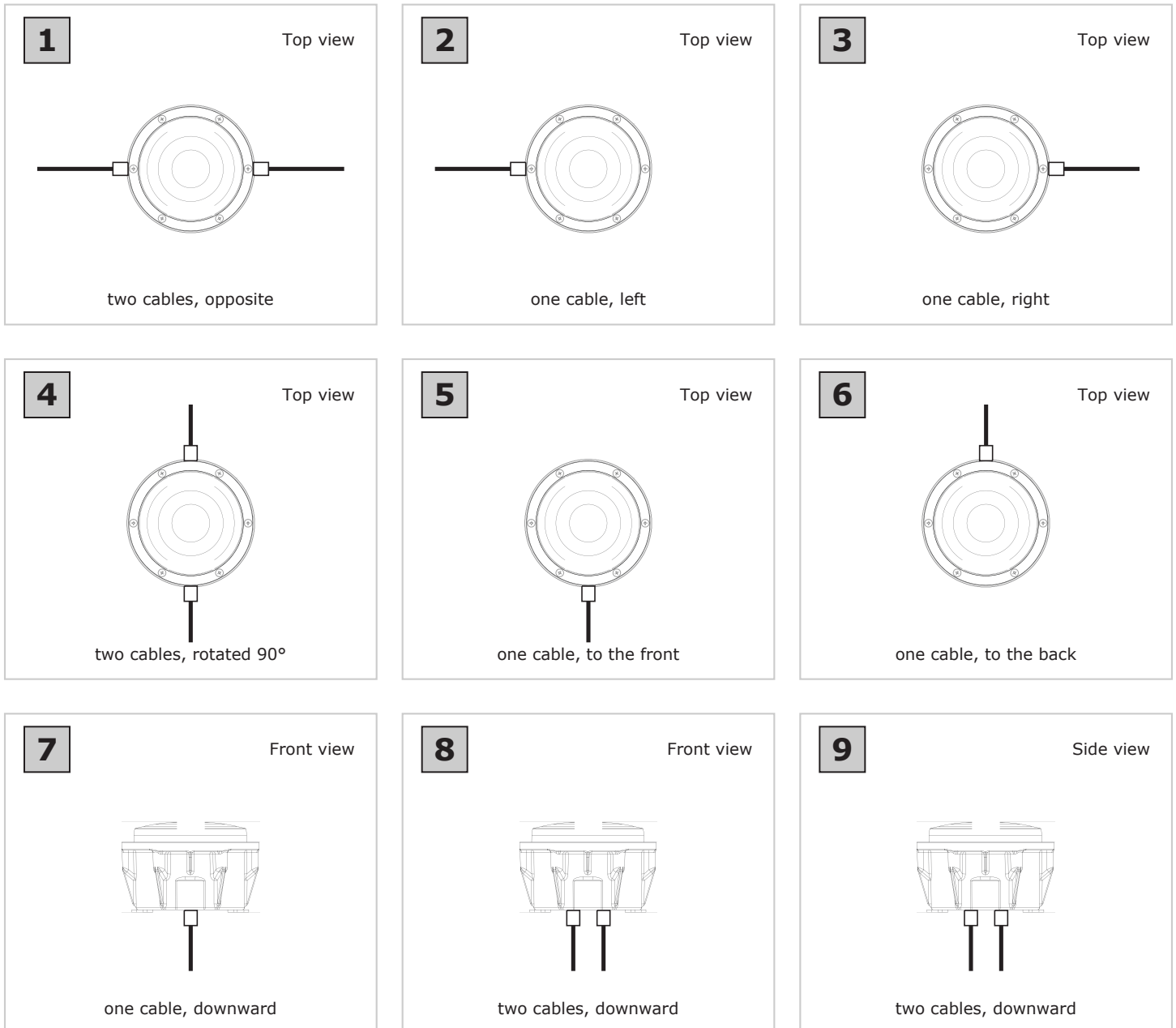
# Cable layouts

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Nine cable outlet layouts are available. The digit shown is the cable layout digit of the product number.



Cable 2 × 1.5mm<sup>2</sup>, up to 3 × 1.5mm<sup>2</sup> possible.