Technical details
LED Road Stud
HALO



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 × 1.5mm², up to 3 × 1.5mm² 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)

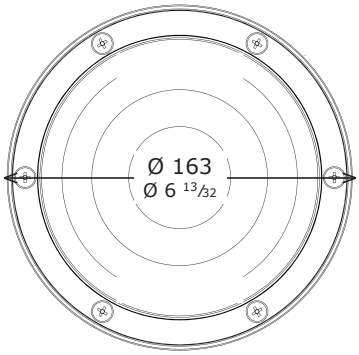
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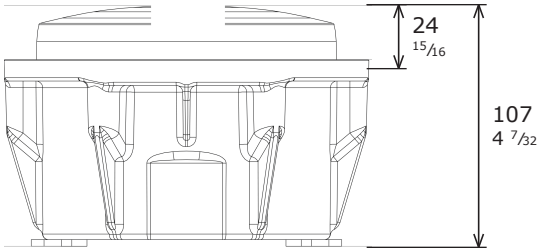
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Dimensions/article numbers

LED Road Stud

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Dimensions in mm, inches underneath

Product Number

75	08	1	1

Model
75 = HALO, 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.

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Cable layouts

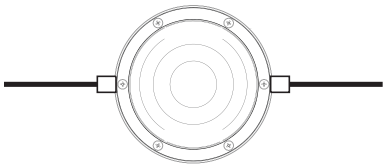
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JoBe Lighting

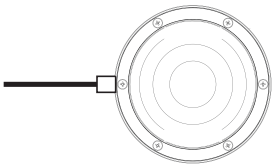
Nine cable outlet layouts are available. The digit shown is the cable layout digit of the product number.

1 Top view



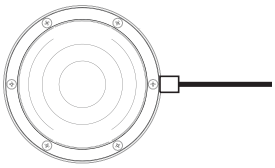
two cables, opposite

2 Top view



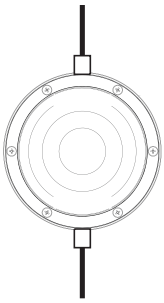
one cable, left

3 Top view



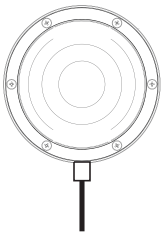
one cable, right

4 Top view



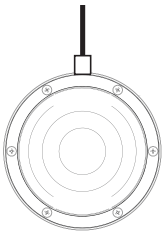
two cables, rotated 90°

5 Top view



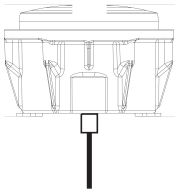
one cable, to the front

6 Top view



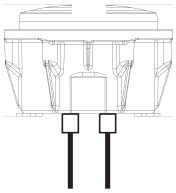
one cable, to the back

7 Front view



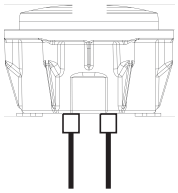
one cable, downward

8 Front view



two cables, downward

9 Side view



two cables, downward

Cable 2 × 1.5mm², up to 3 × 1.5mm² possible.

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