

Project · Reference number

Date

## Product data sheet

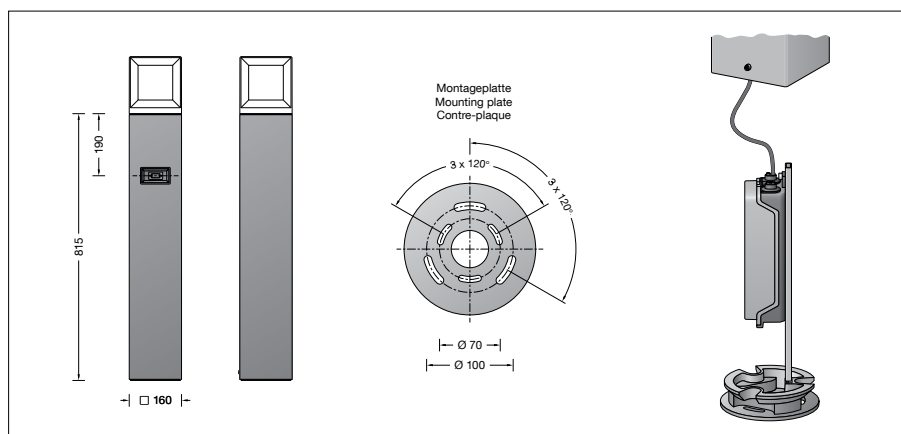
### Application

Bollard tube 160 x 160 mm  
with integral passive infrared motion sensor and light sensor.

For usage in the modular system bollard range.  
The integrated passive infrared motion and light sensor responds to heat emission in the dark and therefore activates in case of human or animal movement in the vicinity of the luminaire. Configuration is done via Bluetooth and the free BEGA Tool app.

### Product description

Bollard tube made of aluminium  
BEGA Unidure® coating technology  
Mounting plate made of cast aluminium  
for bolting onto a foundation or  
an anchorage unit  
Mounting plate with two pitch circles:  
ø 70 mm, 3 elongated holes 7 mm wide  
ø 100 mm, 3 elongated holes 9 mm wide  
Passive infrared motion sensor (PIR)  
Range up to 12 m  
Opening angle 120°-150°  
Decals for reducing the detection range are  
provided  
Minimum temperature difference between  
moving object and environment 4 °C  
Object speed ideally 1 m/s  
Adjustable sensitivity of the motion sensor (inertia)  
Shut-down delay adjustable between 5 s and  
240 min  
Light sensor: adjustable value range from  
darkness to approaching dusk (approx. 150 lx)  
Fixed pre-set time hysteresis for suppression  
of undesired switching operations in luminaires  
during rapid brightness fluctuations  
Transmission frequency range:  
2400-2483.5 MHz  
Maximum transmission output: 10 mW  
Connection box 71 084  
for through-wiring – for 2 cables up to 7 x 6 mm<sup>2</sup>  
Fuse terminal with micro fuse  
6,3 A slow ø 5 x 20 mm  
Luminaire switchable via relay output (on/off)  
integrated in the sensor module  
Relay contact with a switching capacity of  
2300 W · 10 A  
Please note the starting current of the switching  
loads (max. 100 A)  
Ambient temperature: -25°C to +55°C  
220-240 V ~ 50-60 Hz  
Safety class I  
Protection class IP 65  
Dust-tight and protection against water jets  
Impact strength IK05  
Protection against mechanical  
impacts < 0.7 joule  
CE – Conformity mark  
Weight: 5.6 kg



### Accessories

**70 895** Anchorage unit  
Anchorage unit with mounting flange made  
of galvanised steel. Total length 400 mm.  
3 stainless steel fixing screws M8.  
Pitch circle ø 100 mm.

See the separate instructions for use.

### Article No. 84 762

Colour graphite or silver  
graphite – article number  
silver – article number + A