

# TILTED DIAMOND<sup>+</sup>3 signal lamp, lamp red / yellow / green, 24 Volt, bezel transparent, M12 4-pin A-coded



#### fields of application

- > Measurement-control-regulation
- > Electrical engineering
- > Mechanical and system engineering
- > Signalling systems
- > Vehicle construction
- > Industrial robots
- > Model construction



## description

**RAFI** has further refined the Tilted Diamond signal lamp, developed in collaboration with Luigi Colani. The result: Tilted Diamond<sup>+</sup>, which is also very easy to assemble, thanks to the M12 or CAGE CLAMP® terminal.

To achieve outstanding illumination, we have optimized the light refraction. Its uniform, all-round high visibility makes the signal lamp even easier to see from a distance, so you can respond even faster in an emergency. In line with everyday requirements in industrial environments, this signal lamp is especially sustainable and shock-resistant. In addition, the bright LEDs are energy efficient and do not have to be replaced. The resulting overall package, for many fields of application, will exceed your expectations.

#### technical data

> gen	eral
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Color black
Bezel color transparent

Property of bezel / mushroom transparent

Luminous element color red / yellow / green

Bezel shape convex Collar shape round -30 °C Operating temperature, min. 60 °C Operating temperature, max. -40 °C Storage temperature, min. Storage temperature, max. 85 °C illuminated Yes Luminous elements **LED** Packaging Box Packaging unit 1 pcs. net weight 62.2 g Degree of protection, front side, **IP66** according to DIN EN 60529 IP67

direct links

> RAFI eCatalog

The information in this data sheet only contains general descriptions and / or performance features, which may not apply precisely as described to the respective application, and which my change due to further product enhancements. The technical data, illustrations and other information about our products are the mere results of individual technical testing. These descriptions and other product features are only binding if they expressly agreed upon at the time of the conclusion of a binding contract. In all other cases, we reserve the right to make technical changes as well as changes of availability. Pictures and other graphic illustrations are approximations only. All product names may be trademarks or brand names of the RAFI Group or any other sub-supplier of RAFI. The use of such by any third parties for their own purposes may infringe the rights of the respective entity holding those rights.

RAFI GmbH & Co. KG



Degree of protection, rear side,

according to DIN EN 60529

shock resistance 08 side

08 frontal

IP65

MOQ order 10 pcs.

RoHS compliant Yes

REACH compliant Yes

> mounting diameters

Outside dimension, length 56.8 mm
Outside dimension, width 56.8 mm
Outside dimension, height 84.6 mm
Mounting depth 14.5 mm
Installation height 70.1 mm
Collar dimension 56.8 mm

> mechanical data

Fixing Screw

Terminal on the rear M12 4-pin A-coded

PIN 1 LED red
PIN 2 LED green
PIN 3 GND

PIN 4 LED yellow

> electrical data

Operating voltage of the luminous 20 V

element, min.

Operating voltage of the luminous 28 V

element, max.

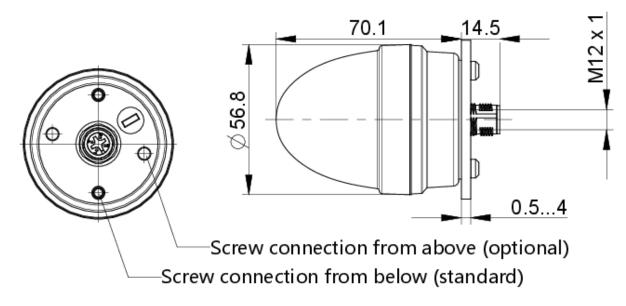
Voltage type DC
Rated operating voltage 20-28 V

Power loss 2.18680 W

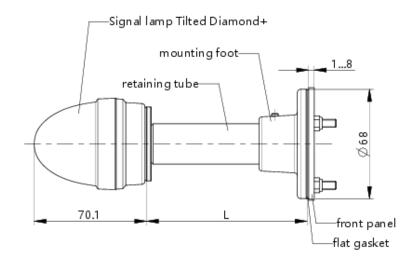


## drawings

## **Dimensioned drawing**

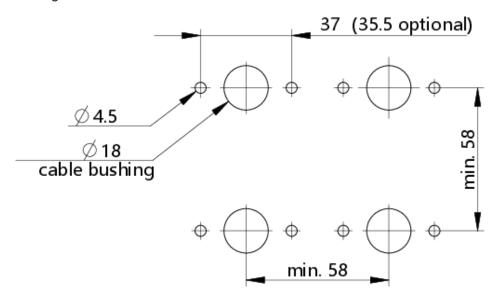


#### System drawing





#### Mounting hole drawing



## Schematic diagram

