

TILTED DIAMOND⁺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⁺, 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

➤ general

Color	black
Bezel color	transparent
Property of bezel / mushroom	transparent
Luminous element color	red / yellow / green
Bezel shape	convex
Collar shape	round
Operating temperature, min.	-30 °C
Operating temperature, max.	60 °C
Storage temperature, min.	-40 °C
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

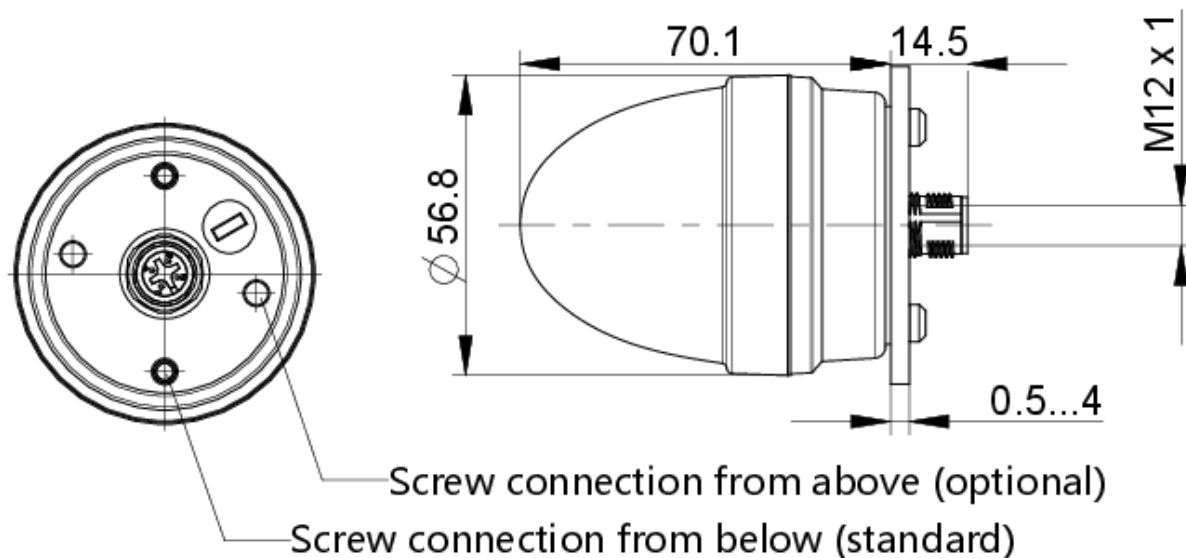
direct links

- [RAFI eCatalog](#)

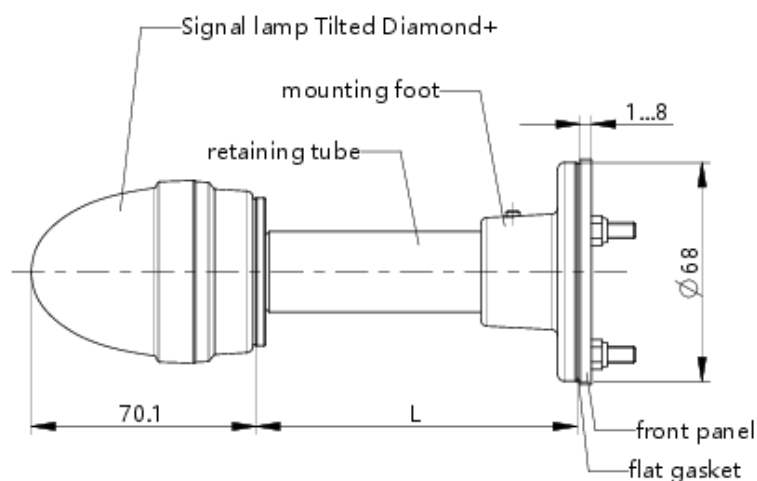
Degree of protection, rear side, according to DIN EN 60529	IP65
shock resistance	08 side 08 frontal
MOQ order	10 pcs.
RoHS compliant	Yes
REACH compliant	Yes
> mounting diameters	
Outside dimension, length	56.8 mm
Outside dimension, width	56.8 mm
Outside dimension, height	84.6 mm
Mounting depth	14.5 mm
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 element, min.	20 V
Operating voltage of the luminous element, max.	28 V
Voltage type	DC
Rated operating voltage	20-28 V
Power loss	2.18680 W

drawings

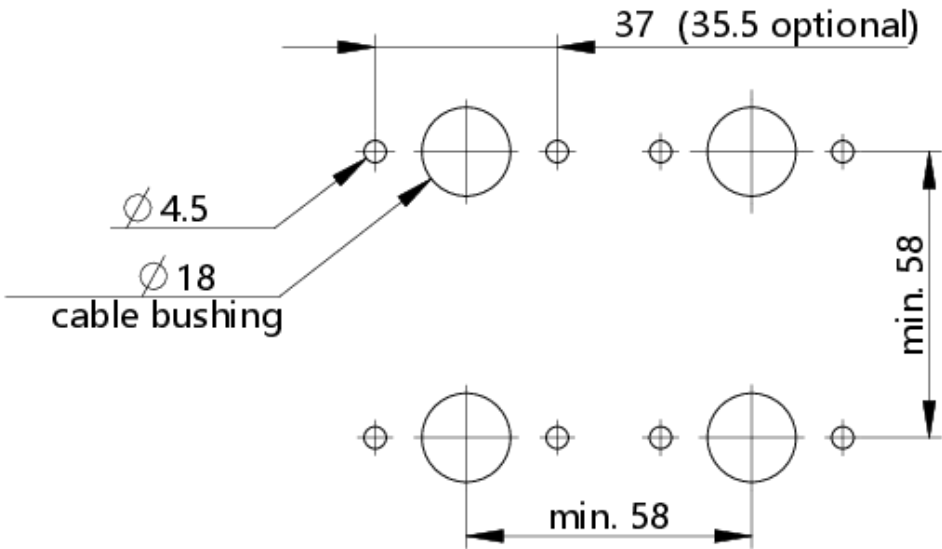
Dimensioned drawing



System drawing



Mounting hole drawing



Schematic diagram

