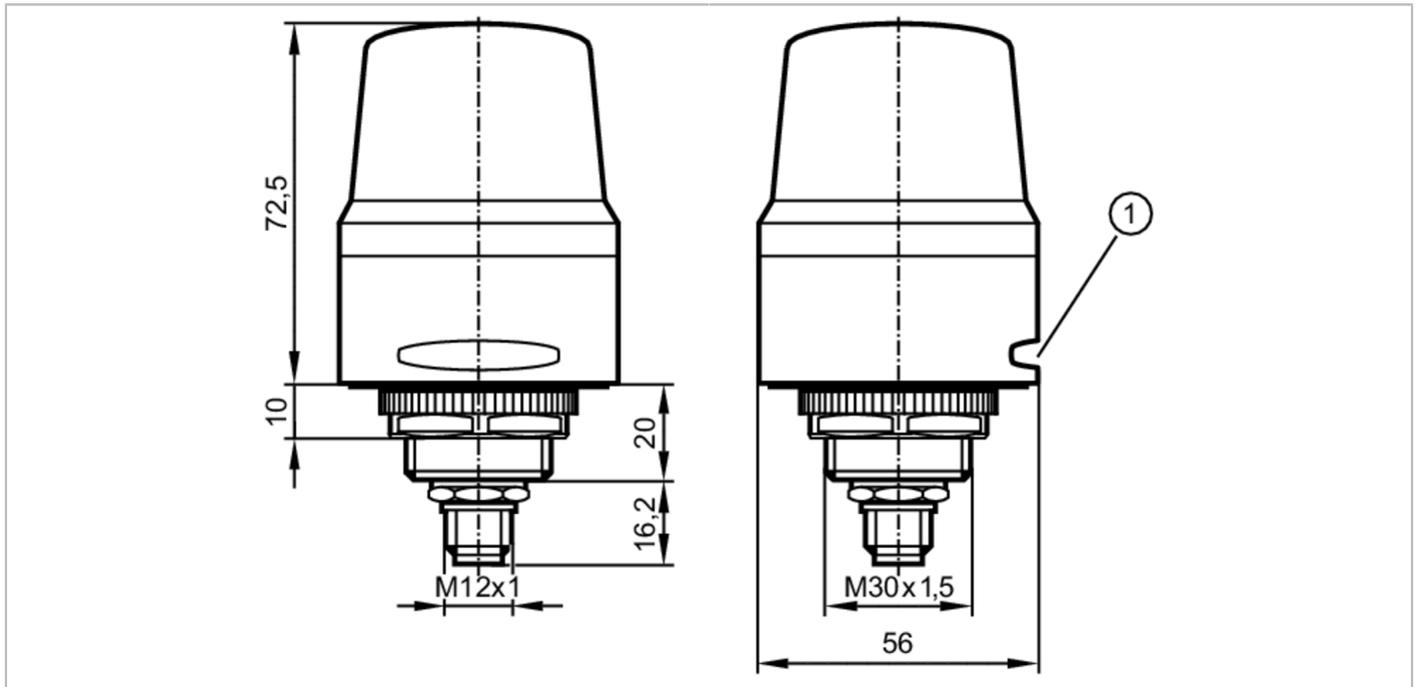


# DV2131



## 1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button



Application		
Application	signaling machine conditions	
Electrical data		
Operating voltage	[V]	18...30 DC; (to SELV/PELV ; "supply class 2" to cURus)
Nominal voltage DC	[V]	24
Current consumption	[mA]	< 90
Switch-on peak current	[mA]	400
Switch-on peak current duration	[ms]	50
Interfaces		
Communication interface	IO-Link	
Transmission type	COM2 (38,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
SIO mode	yes	
Required master port class	A	
Min. process cycle time	[ms]	8
Supported DeviceIDs	<b>Type of operation</b>	<b>DeviceID</b>
	default	1176
Operating conditions		
Ambient temperature	[°C]	-25...50
Storage temperature	[°C]	-40...75
Max. relative air humidity	[%]	90
Max. height above sea level	[m]	4000
Protection	IP 65	

# DV2131



## 1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button

Degree of soiling	2
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### Tests / approvals

MTTF [years]	212
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### Mechanical data

Weight [g]	169.5
Dimensions [mm]	Ø 56 / L = 72.5
Material	housing: ABS; lens: PC

### Displays / operating elements

Display	LED segment, red / green / yellow / blue / lilac / cyan / white
Operating elements	capacitive pushbutton
Acoustic signal	buzzer
Max. sound pressure [dB]	90

### Accessories

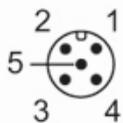
Accessories (optional)	mounting base, E89060
	wall bracket, E89061
	Mounting adapter, E89063
	bracket with lateral cable entry, E89064
	mounting tube, E89065
	mounting tube, E89066
	mounting tube, E89067
	mounting base, E89080

### Remarks

Remarks	Further information is available in the manual.
Pack quantity	1 pcs.

### Electrical connection - plug

Connector: M12; coding: A



### IO-Link

1	UB+
2	not used
3	UB-
4	IO-Link
5	not used

### standard mode

1	IN1 red
2	IN2 green
3	GND
4	configurable (buzzer / Capacitive touch sensor)
5	IN3 blue

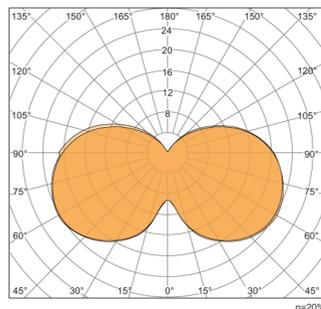


## 1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button

### Diagrams and graphs

light intensity distribution curve

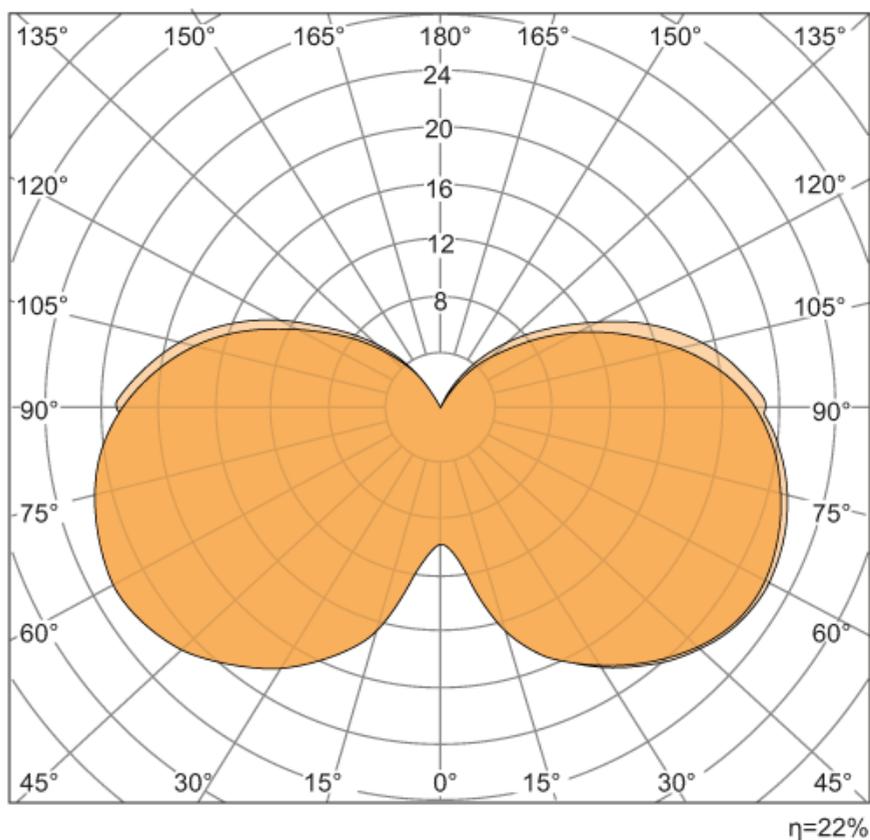


light intensity distribution curve: red

1000 lm

operating efficiency = 20%

light intensity distribution curve



light intensity distribution curve: green

1000 lm

operating efficiency = 22%

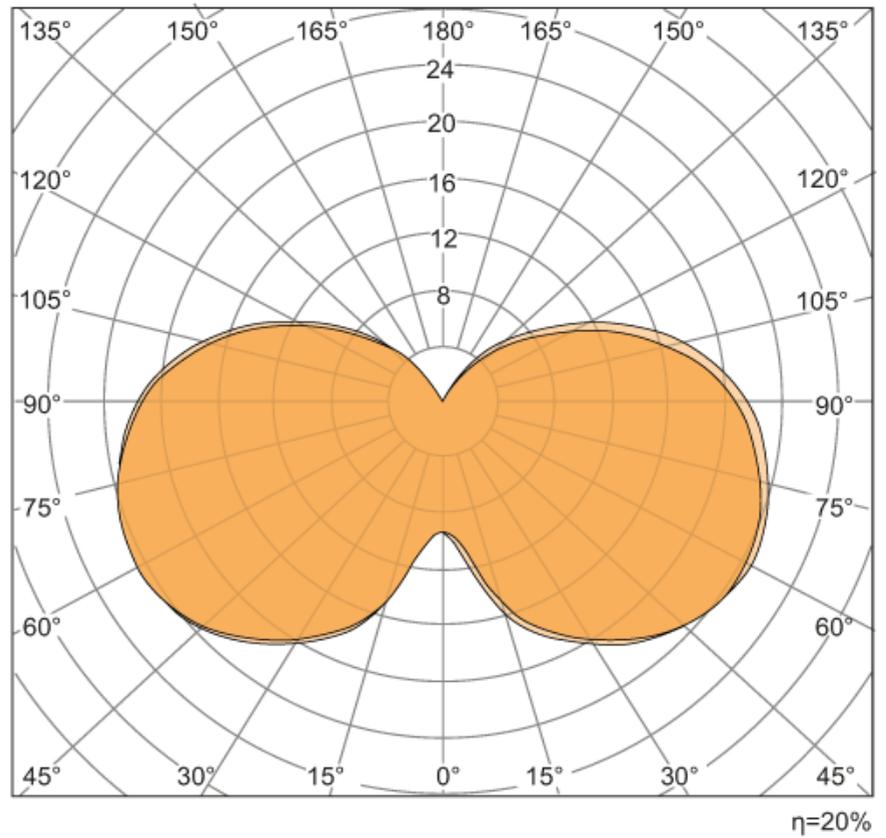
# DV2131



## 1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button

light intensity distribution curve



light intensity distribution curve: blue

1000 lm

operating efficiency = 20%

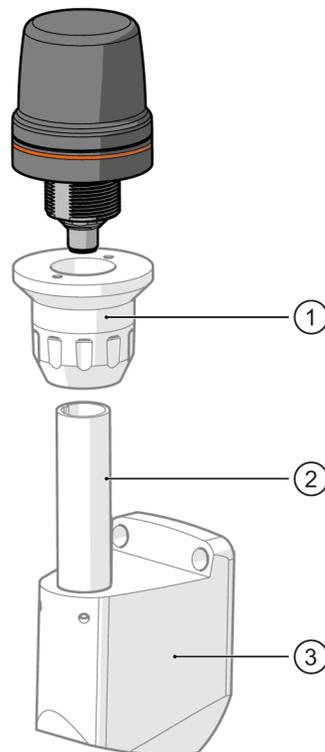
# DV2131

## 1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button



wall mounting



- 1 E89080 not supplied
- 2 E89065, E89066, E89067 not supplied
- 3 E89061 not supplied

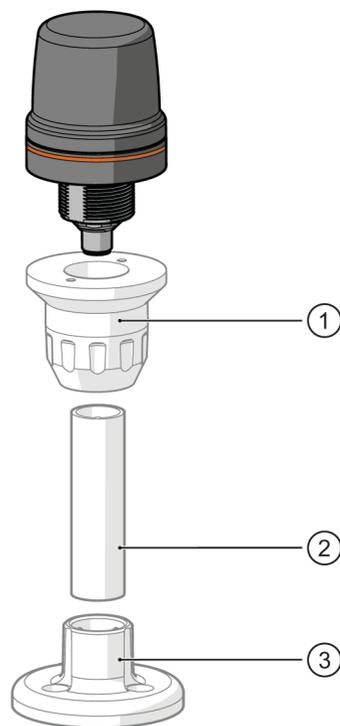
# DV2131



## 1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button

base mounting



- 1 E89080 not supplied
- 2 E89065, E89066, E89067 not supplied
- 3 E89060 not supplied