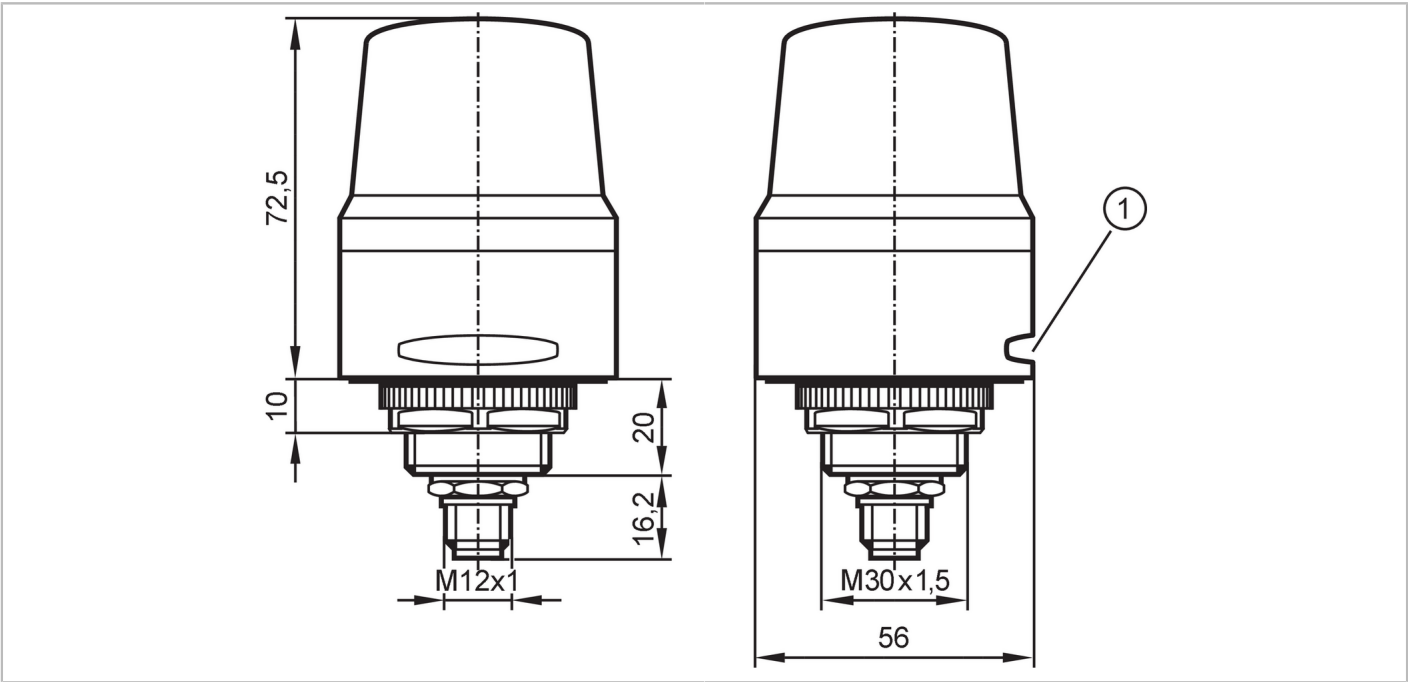


DV2131



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	Type of operation	DeviceID
	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

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Pollution degree	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

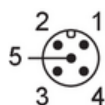
Accessories (optional)	mounting base, E89060
	wall bracket, E89061
	Mounting adapter, E89063
	bracket with lateral cable entry, E89064
	mounting tube, E89065
	mounting tube, E89066
	mounting tube, E89067
	mounting base, E89080

Remarks

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

Electrical connection - plug

Connector: M12; coding: A; Contacts: 5



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

DV2131

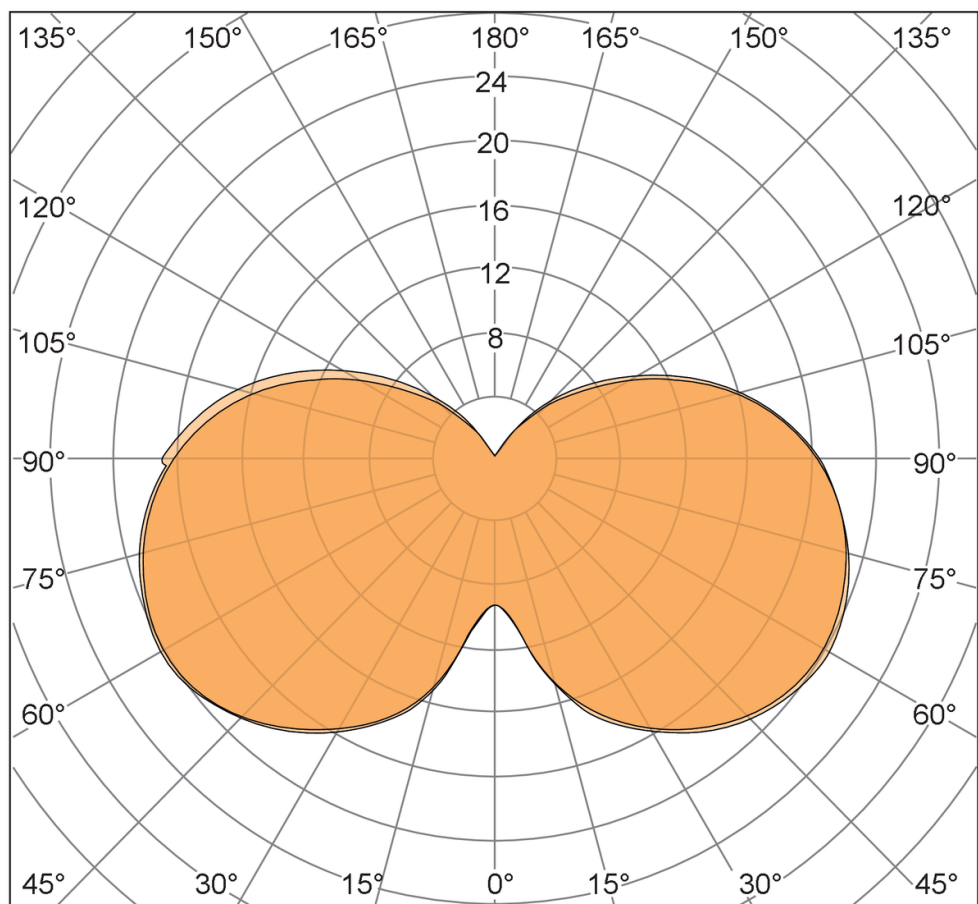


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Diagrams and graphs

light intensity distribution curve



$\eta=20\%$

light intensity distribution curve: red

1000 lm

operating efficiency = 20%

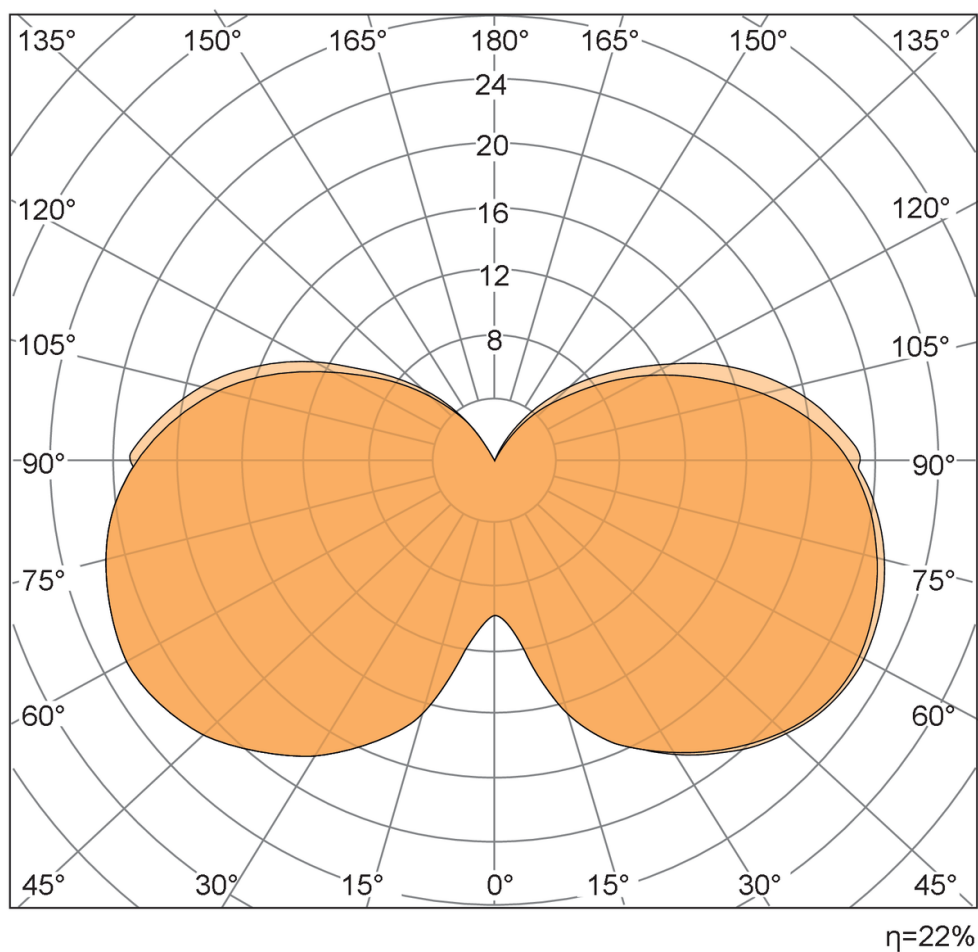
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1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button

light intensity distribution curve



light intensity distribution curve: green

1000 lm

operating efficiency = 22%

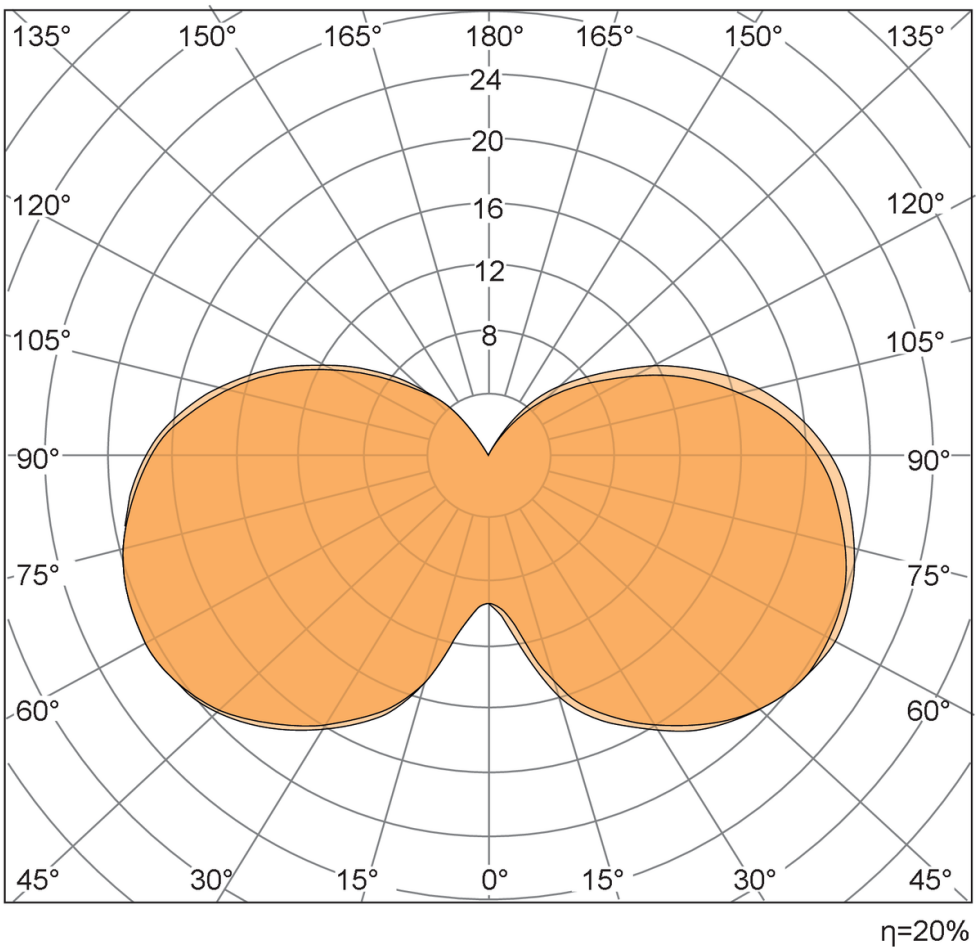
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1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button

light intensity distribution curve



light intensity distribution curve: blue

1000 lm

operating efficiency = 20%

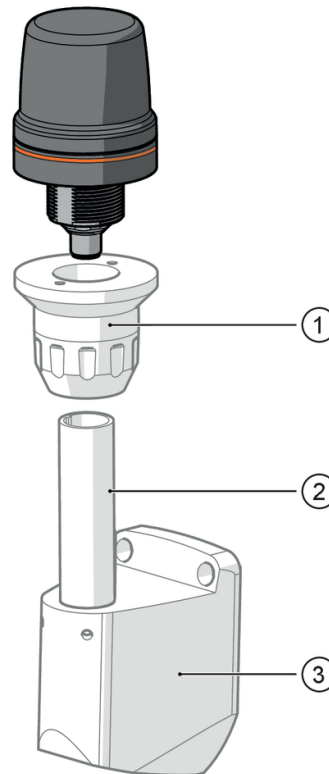
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1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button



wall mounting



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

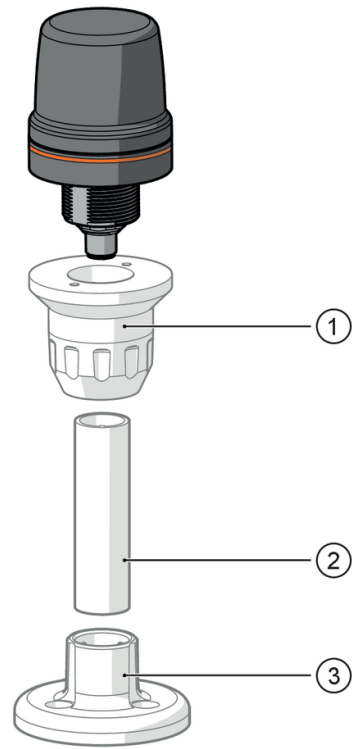
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1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button



base mounting



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