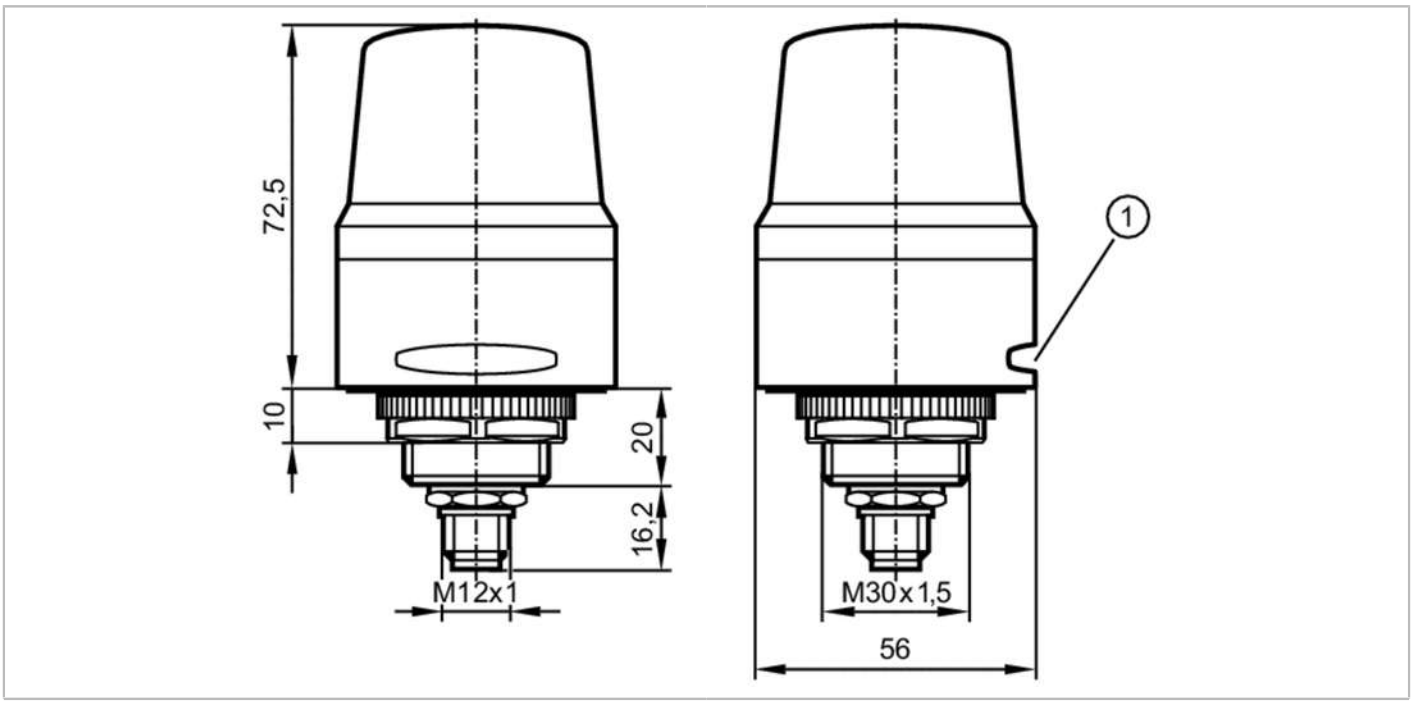
DV2131

1-segment signal lamp

LED-Lamp/IOL/Buzzer/Button



Application		
Application		signalling 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 type		A
Min. process cycle time	[ms]	2.3
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

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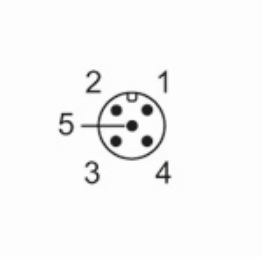
Pollution degree		2	
Mechanical data			
Weight	[g]	169.5	
Dimensions	[mm]	Ø 56 / L = 72.5	
Materials		housing: ABS; lens: PC	
Displays / operating elements			
Display			LED segment, red / green / yellow / blue / lilac / cyan / white
Operating elements		capacitive pushbutton	
Acoustic signal		buzzer	
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		For further information please see the operating instructions.	
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

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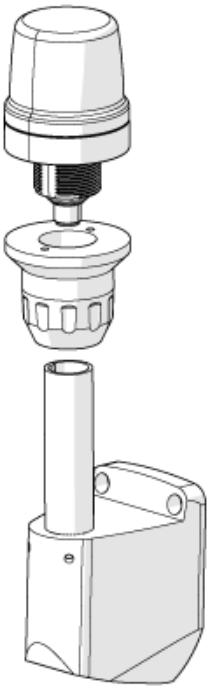
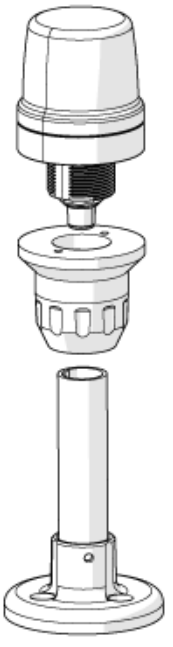
Diagrams and graphs

wall mounting



base mounting



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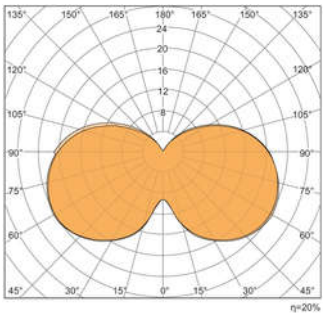
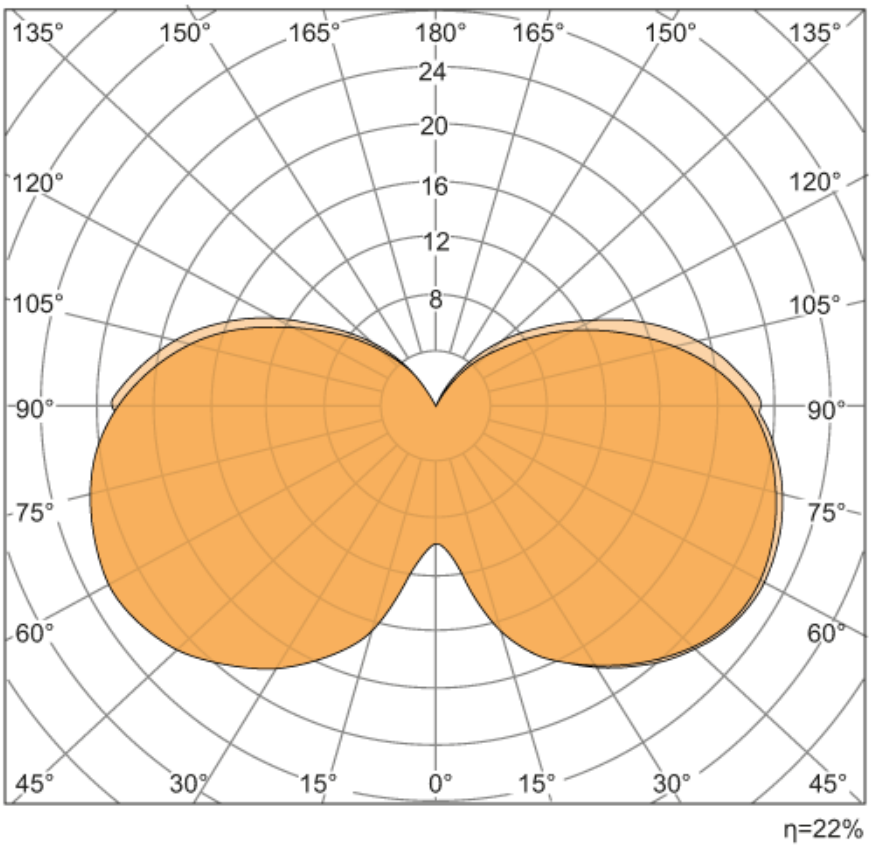
light intensity distribution curve	 light intensity distribution curve: red 1000 lm operating efficiency = 20%
light intensity distribution curve	 light intensity distribution curve: green 1000 lm operating efficiency = 22%

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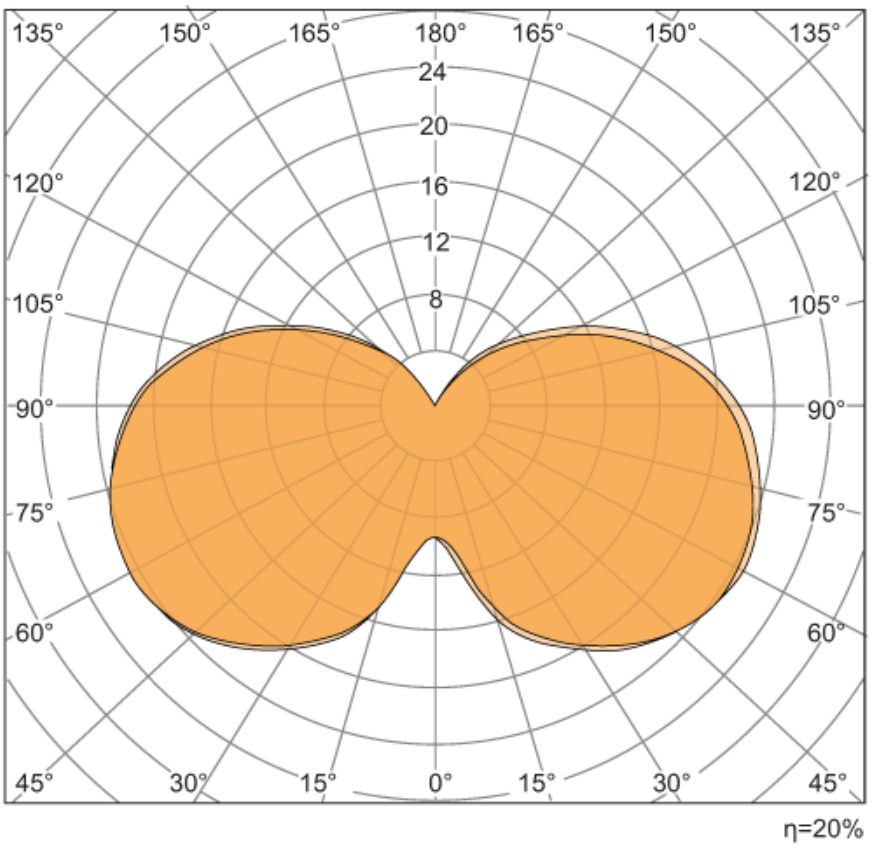
light intensity distribution curve



light intensity distribution curve: blue

1000 lm

operating efficiency = 20%