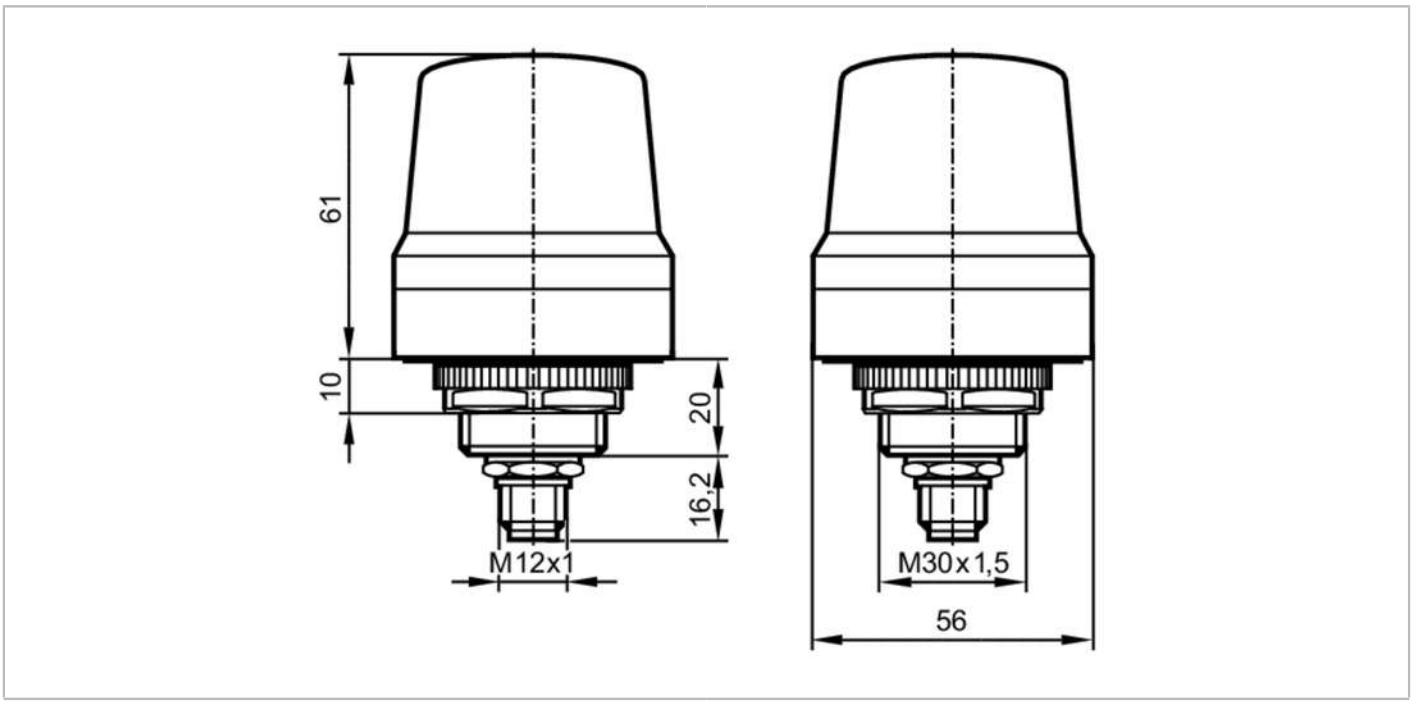
DV2121

1-segment signal lamp

LED-Lamp/IO-Link/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	1054
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 67	

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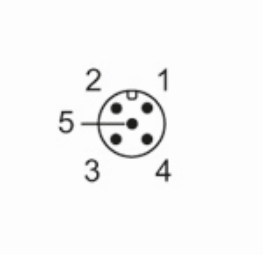
Pollution degree	2	
Mechanical data		
Weight [g]	155	
Dimensions [mm]	Ø 56 / L = 61	
Materials	housing: ABS; lens: PC	
Displays / operating elements		
Display		LED segment, red / green / yellow / blue / lilac / cyan / white
Operating elements	capacitive pushbutton	
Accessories		
Accessories (optional)	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	Capacitive touch sensor
5	IN3 blue

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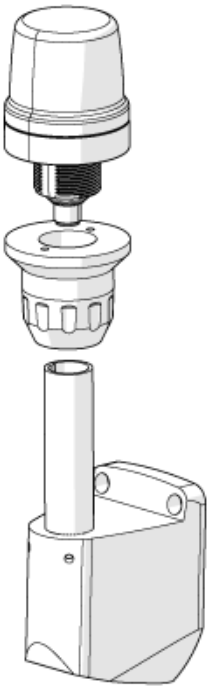
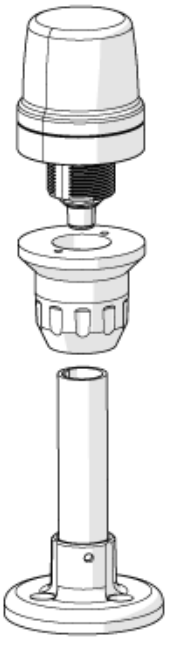
Diagrams and graphs

wall mounting



base mounting



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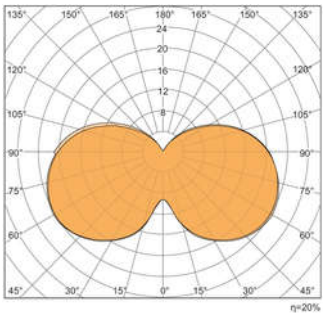
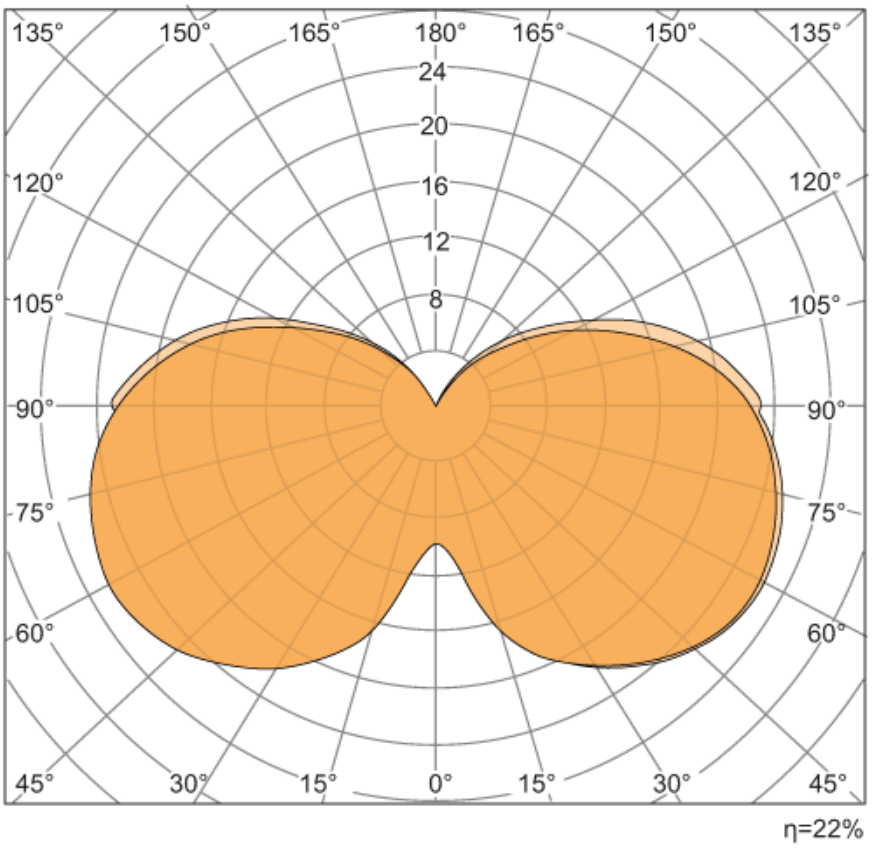
light intensity distribution curve	 light intensity distribution curve: red 1000 lm operating efficiency = 20%
light intensity distribution curve	 light intensity distribution curve: green 1000 lm operating efficiency = 22%

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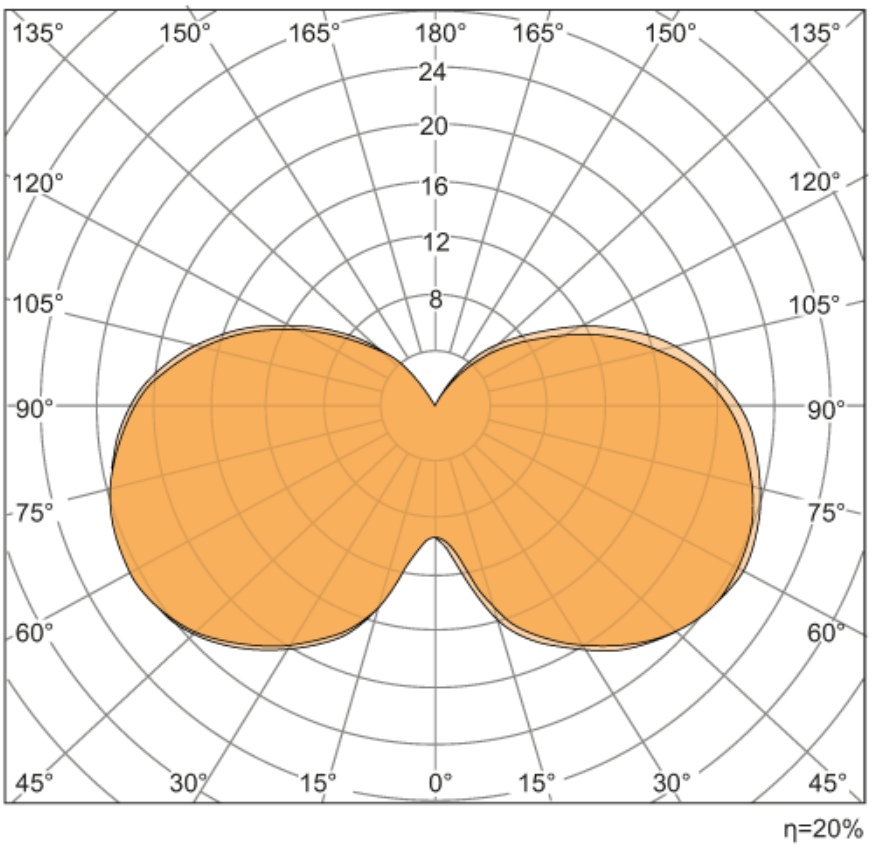
light intensity distribution curve



light intensity distribution curve: blue

1000 lm

operating efficiency = 20%