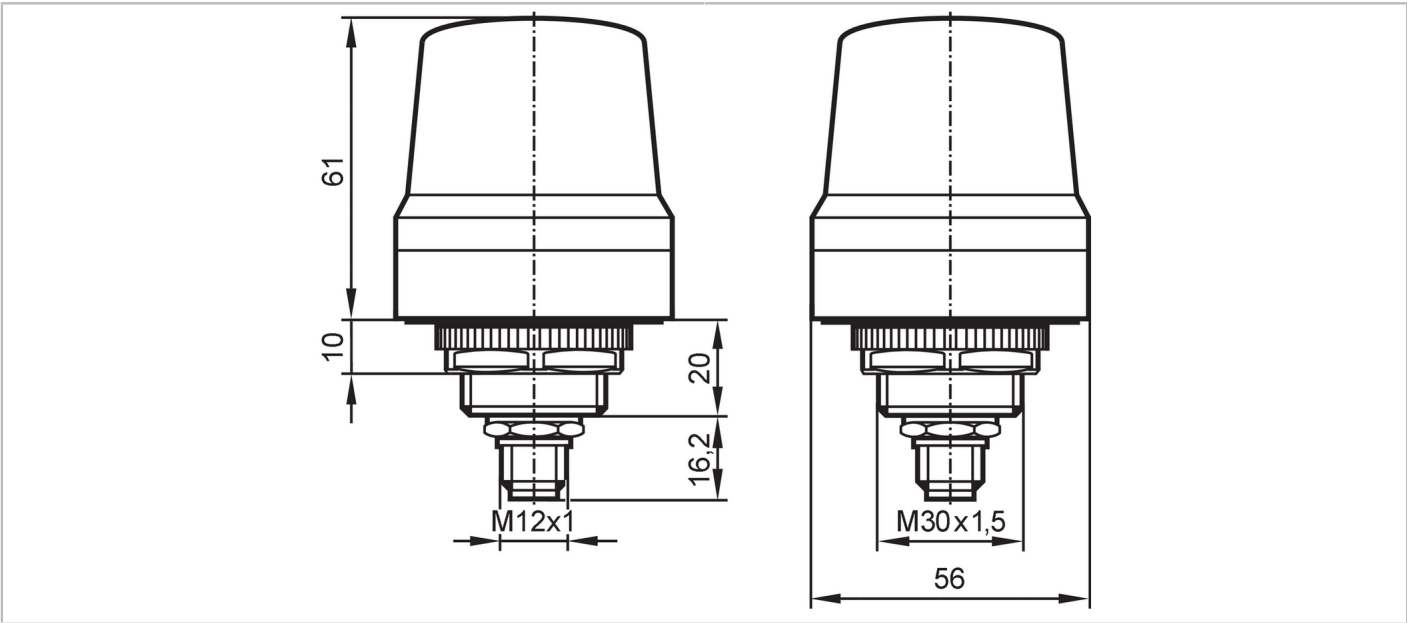


DV2120



1-segment signal lamp

LED-Lamp/IO-Link



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	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	
Pollution degree	2	



1-segment signal lamp

LED-Lamp/IO-Link

Tests / approvals		
MTTF	[years]	488
Mechanical data		
Weight	[g]	153
Dimensions	[mm]	Ø 56 / L = 61
Material		housing: ABS; lens: PC
Displays / operating elements		
Display		LED segment, red / green / yellow / blue / lilac / cyan / white
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	not used	
5	IN3 blue	

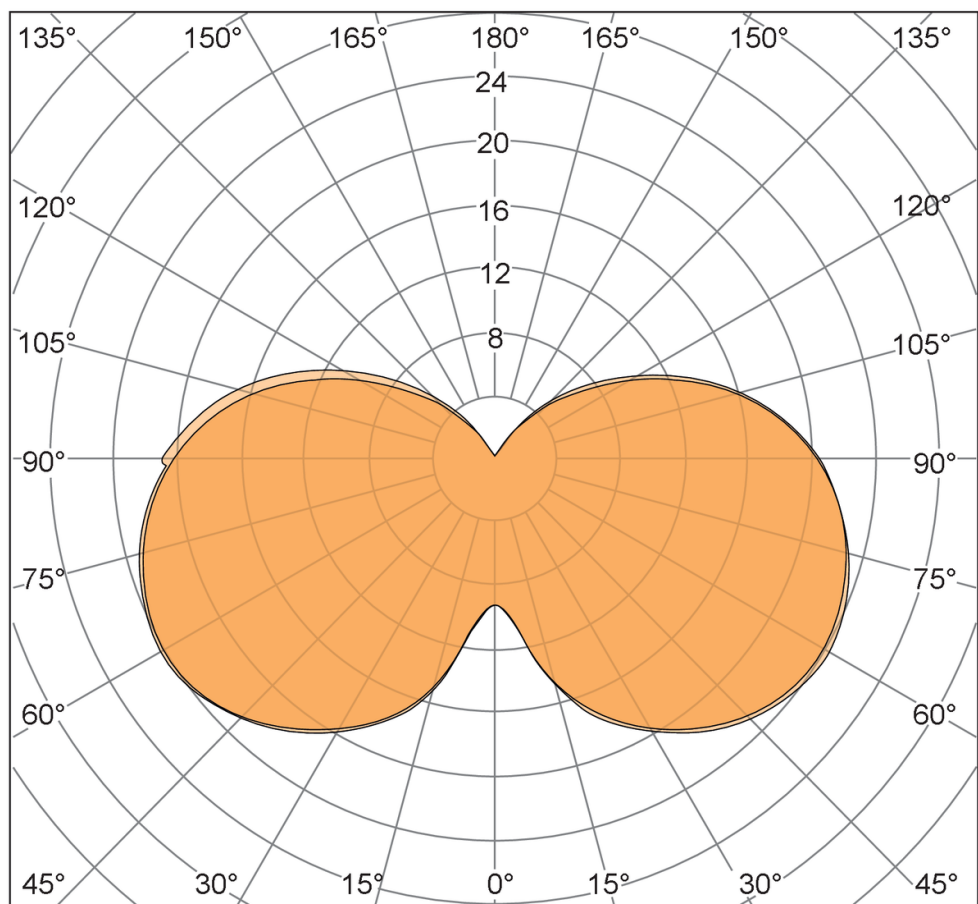


1-segment signal lamp

LED-Lamp/IO-Link

Diagrams and graphs

light intensity distribution curve



$\eta=20\%$

light intensity distribution curve: red

1000 lm

operating efficiency = 20%

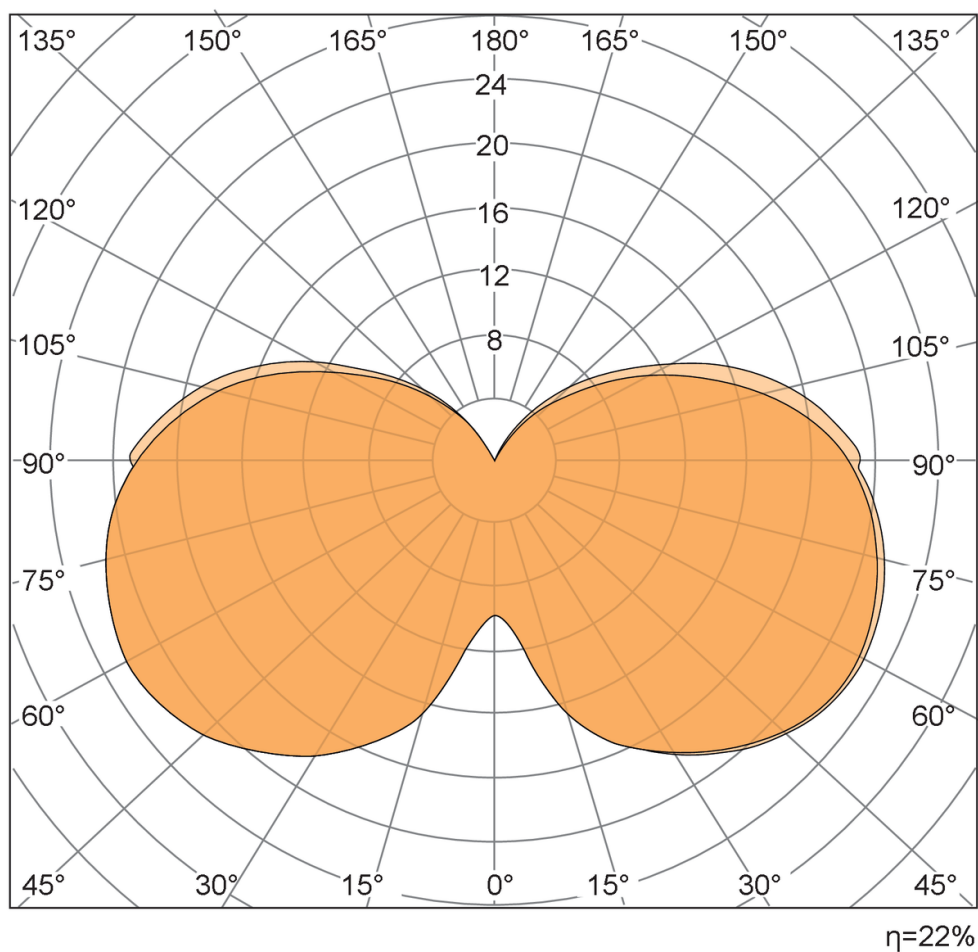
DV2120



1-segment signal lamp

LED-Lamp/IO-Link

light intensity distribution curve



light intensity distribution curve: green

1000 lm

operating efficiency = 22%

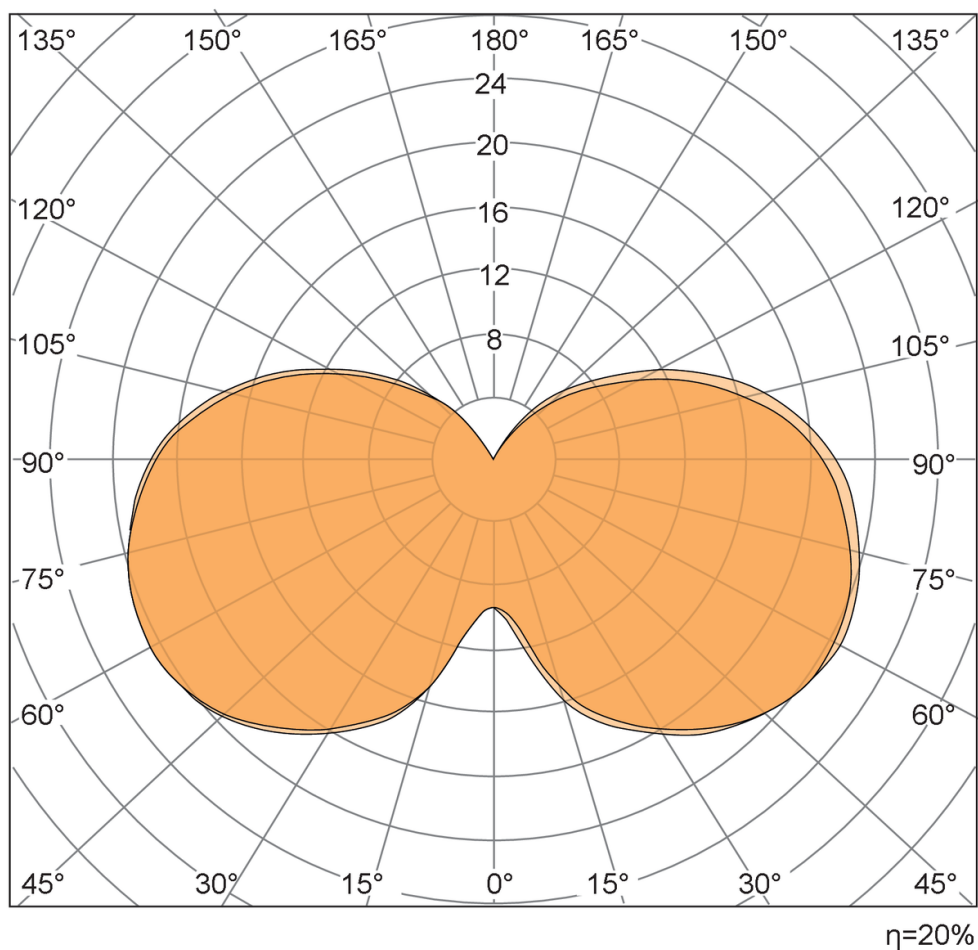
DV2120



1-segment signal lamp

LED-Lamp/IO-Link

light intensity distribution curve



light intensity distribution curve: blue

1000 lm

operating efficiency = 20%

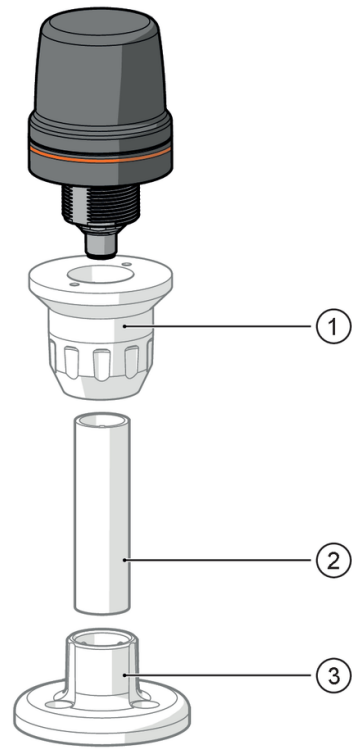
DV2120

1-segment signal lamp

LED-Lamp/IO-Link



base mounting



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

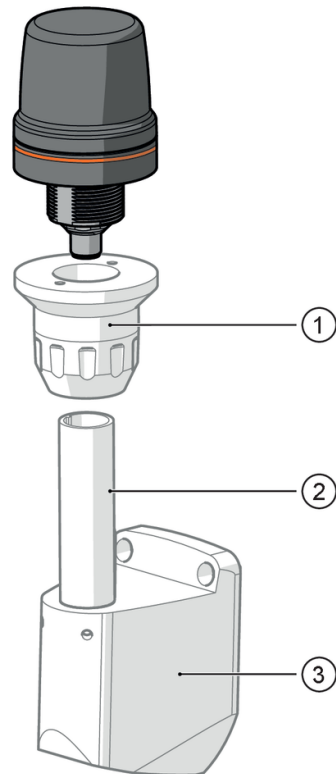
DV2120

1-segment signal lamp

LED-Lamp/IO-Link



wall mounting



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