








LED Indicator Lights Overview



Flat indicator lights

Features:







- 3 different brightnesses
- Vandal protection, rotation-proof
- Flush mounting possible
- Use in particularly harsh environments

Ø 6mm	<p>Series: 18..</p>  <p>Mounting Ø: 6mm IP class: IP64, IP67 or IP68 Terminals: LED terminals, solder lugs or stranded wires Housing: Brass nickel plated or blackened Lense colour: Blue, green, clear, orange, red or white LED colour: Blue, yellow, green, red or white Voltage: LED voltage or integrated resistor for 5, 12, 24 or 28V</p>
	<p>Series: 19..</p>  <p>Mounting Ø: 6mm IP class: Without Terminals: LED terminals, solder lugs or stranded wires Housing: Brass nickel plated or blackened Lense colour: Blue, green, clear, orange, red or white LED colour: Blue, yellow, green, red or white Voltage: LED voltage or integrated resistor for 5, 12, 24 or 28V</p>
Ø 8mm	<p>Series: 34..</p>  <p>Mounting Ø: 8mm IP class: IP64, IP67 or IP68 Terminals: LED terminals, Faston 2.8 x 0.5 or stranded wires Housing: Brass nickel plated or blackened Stainless steel blank or blackened Lense colour: Blue, green, clear, orange, red or white LED colour: Blue, yellow, green, red or white BiColor red/green (only series 343 & 348) Voltage: LED voltage or integrated resistor for 5, 12, 24, 28V or integrated current controller for 5-28, 9-48V (only single colours series 344 & 348) or mains voltage 230V @5mA (only series 348)</p>
	<p>Series: 349..</p>  <p>Mounting Ø: 8mm IP class: IP64, IP67 or IP68 Terminals: Fibre optics Housing: Brass nickel plated or blackened Stainless steel blank or blackened Lense colour: blue, green, clear, orange, red or white LED type: 3mm THT or PLCC2 SMT Bracket: For 3mm THT oder PLCC2 SMT Voltage: Depending on the LED used</p>
Ø 14mm	<p>Series: 97..</p>  <p>Mounting Ø: 14mm IP class: IP64 or IP68 Terminals: Faston 2.8 x 0.5 or stranded wires Housing: Brass nickel plated or blackened Stainless steel blank or blackened Lense colour: Blue, green, clear, orange, red or white LED colour: Blue, yellow, green, red or white Voltage: LED voltage or integrated resistor for 5, 12, 24 or 28V</p>

Indicator lights with reflector

Features:




- 3 different brightnesses
- Rotation proof
- Excellent front visibility
- Increased visibility due to interior/exterior reflector

Ø 6mm	<p>Series: 13..</p>  <p>Mounting Ø: 6mm IP class: IP64, IP67 or IP68 Terminals: LED terminals, solder lugs or stranded wires Housing: Brass nickel plated or blackened LED colour: Blue, yellow, green, red or white Voltage: LED voltage or integrated resistor for 5, 12, 24 or 28V</p>
	<p>Series: 13..R (R = rear mounting)</p>  <p>Mounting Ø: 6mm IP class: IP64, IP67 or IP68 Terminals: LED terminals, solder lugs or stranded wires Housing: Brass nickel plated or blackened LED colour: Blue, yellow, green, red or white Voltage: LED voltage or integrated resistor for 5, 12, 24 or 28V</p>
Ø 8mm	<p>Series: 14..</p>  <p>Mounting Ø: 6mm IP class: IP64, IP67 or IP68 Terminals: LED terminals, solder lugs or stranded wires Housing: Brass nickel plated or blackened LED colour: Blue, yellow, green, red or white Voltage: LED voltage or integrated resistor for 5, 12, 24 or 28V</p>
	<p>Series: 15..</p>  <p>Mounting Ø: 6mm IP class: without Terminals: LED terminals, solder lugs or stranded wires Housing: Brass nickel plated or blackened LED colour: Blue, yellow, green, red or white Voltage: LED voltage or integrated resistor for 5, 12, 24 or 28V</p>
Ø 8mm	<p>Series: 33..</p>  <p>Mounting Ø: 8mm IP class: IP64, IP67 or IP68 Terminals: LED terminals, Faston 2.8 x 0.5 or stranded wires Housing: Brass nickel plated or blackened Stainless steel blank or blackened LED colour: Blue, yellow, green, red or white BiColor red/green (only series 333 & 338) Voltage: LED voltage or integrated resistor for 5, 12, 24, 28V or integrated current controller for 5-28, 9-48V (only single colours series 334 & 338) or mains voltage 230V @5mA (only series 338)</p>
	<p>Series: 35..</p>  <p>Mounting Ø: 8mm IP class: IP64, IP67 or IP68 Terminals: LED terminals, Faston 2.8 x 0.5 or stranded wires Housing: Brass Brass nickel plated or blackened Stainless steel blank or blackened LED colour: Blue, yellow, green, red or white BiColor red/green (only series 353 & 358) Voltage: LED voltage or integrated resistor for 5, 12, 24, 28V or integrated current controller for 5-28, 9-48V (only single colours series 354 & 358) or mains voltage 230V @5mA (only series 358)</p>

Indicator lights with side view

Features:

- Excellent side visibility
- Rotation proof

Ø 6mm	<p>Series: 11..</p>  <p>Mounting Ø: 6mm IP class: IP64, IP67 or IP68 Terminals: Solder lugs or stranded wires Housing: Brass nickel plated or blackened Lense shape: Cylindrical or domed Lense colour: Blue, green, clear, orange, red or white LED colour: Blue, yellow, green, red or white Voltage: LED voltage or integrated resistor for 5, 12, 24 or 28V</p>
Ø 8mm	<p>Series: 17..</p>  <p>Mounting Ø: 8mm IP class: IP64, IP67 or IP68 Terminals: LED terminals, Faston 2.8 x 0.5 or stranded wires Housing: Brass nickel plated or blackened Stainless steel blank or blackened Lense shape: Domed Lense colour: Blue, green, clear, orange, red or white LED colour: Blue, yellow, green, red or white BiColor red/green (only series 177 & 178) Voltage: LED voltage or integrated resistor for 5, 12, 24, 28V or integrated current controller for 5-28, 9-48V (only single colours series 174 & 178) or mains voltage 230V @5mA (only series 178)</p>
Ø 14mm	<p>Series: 97..</p>  <p>Mounting Ø: 14mm IP class: IP64 or IP68 Terminals: Faston 2.8 x 0.5 or stranded wires Housing: Brass nickel plated or blackened Stainless steel blank or blackened Lense shape: Cylindrical or domed Lense colour: Blue, green, clear, orange, red or white LED colour: Blue, yellow, green, red or white Voltage: LED voltage or integrated resistor for 5, 12, 24 or 28V</p>

Indicator lights with based LED (MF)

Features:

- Different mounting diameters
- Lens and based LED front-replaceable
- Casing, lens and based LED available separately

Ø 11mm	<p>Series: 87..</p>  <p>Mounting Ø: 11mm IP class: IP64 Terminals: Plug contact with solder lug Housing: Brass nickel plated or blackened Lense shape: Cylindrically flat or cylindrically protruding Lense colour: Blue, green, clear, orange, red or white LED colour: Blue, yellow, green, red or white Voltage: Without resp. only LED voltage or integrated resistor for 5, 12, 24 or 28V</p>
Ø 12mm	<p>Series: 88..</p>  <p>Mounting Ø: 12mm IP class: IP64 Terminals: Plug contact with solder lug Housing: Brass nickel plated or blackened Lense shape: Cylindrically flat or cylindrically protruding Lense colour: Blue, green, clear, orange, red or white LED colour: Blue, yellow, green, red or white Voltage: Without resp. only LED voltage or integrated resistor for 5, 12, 24 or 28V</p>

Plastic indicator lights

Features:

- Protection class IP65
- Large mounting diameter
- Particularly large illuminated surface
- Excellent side visibility

Ø 14mm	<p>Series: 941..</p>  <p>Mounting Ø: 14mm IP class: IP65 Terminals: Screw terminal Housing: ABS plastic Lense colour: Blue, yellow, green, red or white LED Farbe: Blue, yellow, green, red or white Voltage: 12, 24V AC/DC or 230V AC</p>
Ø 16mm	<p>Series: 943..</p>  <p>Mounting Ø: 16mm IP class: IP65 Terminals: Screw terminal Housing: ABS plastic Lense colour: Blue, yellow, green, red or white LED colour: Blue, yellow, green, red or white Voltage: 12, 24 AC/DC or 230V AC</p>
Ø 16mm	<p>Series: 948..</p>  <p>Mounting Ø: 16mm IP class: IP65 Terminals: Screw terminal Housing: ABS plastic Lense colour: Blue, yellow, green, red or white LED colour: Blue, yellow, green, red or white Voltage: 12, 24, 48V AC/DC or 115, 230V AC</p>
Ø 22mm	<p>Series: 951..</p>  <p>Mounting Ø: 22mm IP class: IP65 Terminals: Screw terminal Housing: ABS plastic Lense colour: blue, yellow, green, red or white LED colour: blue, yellow, green, red or white Voltage: 12, 24, 48V AC/DC or 115, 230V AC</p>
Ø 22mm	<p>Series: 955..</p>  <p>Mounting Ø: 22mm IP class: IP65 Terminals: Screw terminal Housing: ABS plastic Lense colour: Blue, yellow, green, red or white LED colour: Blue, yellow, green, red or white Voltage: 12, 24, 48V AC/DC</p>
Ø 22mm	<p>Series: 956..</p>  <p>Mounting Ø: 22mm IP class: IP65 Terminals: Screw terminal Housing: ABS plastic Lense colour: Blue, yellow, green, red or white LED colour: Blue, yellow, green, red or white Voltage: 12, 24V AC/DC or 230V AC</p>


















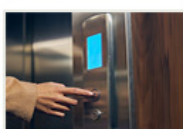



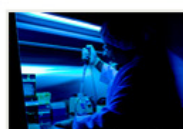
Combination matrix



	18..	19..	34..	349..	97..	13..	13..R	14..	15..	33..	35..	11..	17..	97..	87..	88..	941	943	948	951	955	956
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	18..	19..	34..	349..	97..	13..	13..R	14..	15..	33..	35..	11..	17..	97..	87..	88..	941	943	948	951	955	956
Mounting-Ø																						
6mm	•	•				•	•	•	•			•										
8mm			•	•						•	•		•									
11mm															•							
12mm																•						
14mm					•									•			•					
16mm																		•	•			
22mm																				•	•	•
Protection class																						
Without		•							•						•	•						
IP64	•		•	•	•	•	•	•		•	•	•	•	•	•	•						
IP65																	•	•	•	•	•	•
IP67	•		•	•		•	•	•		•	•	•	•	•								
IP68	•		•	•	•	•	•	•		•	•	•	•	•								
Housing																						
Brass nickel plated	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
Brass blackened	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
Stainless steel blank																						
Stainless steel blackened			•	•						•	•		•	•								
ABS Plastic black																	•	•	•	•	•	•
Lense shape																						
Flat	•	•	•	•	•										•	•						
Cylindric													•	•	•	•			•	•		
Domed													•	•	•		•	•			•	•
Lense colour																						
Amber/Yellow	•	•	•	•	•							•	•	•	•	•	•	•	•	•	•	•
Blue	•	•	•	•	•							•	•	•	•	•	•	•	•	•	•	•
Clear (colourless)	•	•	•	•	•							•	•	•	•	•						
Green	•	•	•	•	•							•	•	•	•	•	•	•	•	•	•	•
Red	•	•	•	•	•							•	•	•	•	•	•	•	•	•	•	•
White	•	•	•	•	•							•	•	•	•	•	•	•	•	•	•	•
LED colour																						
Blue	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Yellow	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Green	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Red	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Warm-White					•									•								
White	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Red/Green			•										•									
Voltage																						
Without (only LED voltage)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						
5V @20mA	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•						
12V @20mA	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
24V @16mA															•	•						
24V @20mA	•	•	•		•	•	•	•	•	•	•	•	•	•			•	•	•	•	•	•
28V @14mA															•	•						
28V @20mA	•	•	•		•	•	•	•	•	•	•	•	•	•								
48V @20mA																			•	•		•
9-48V @20mA			•										•									
5-28V @20mA			•										•									
115V @20mA																			•	•		
230V @5mA			•										•									
230V @20mA																	•	•	•	•		•

Applications

Areas of application	Potential applications					
Devices	 Communication	 Power Supplies	 Measur- and testing	 Medical technology	 Washing machines	 Coffee machines
Machines	 Metal working	 Wood working	 Process technology	 Process automation	 Inspection / AOI	 Mounting
Vehicles	 Agriculture	 Trucks	 Special vehicles	 Defence	 Boats	 Railway
Infrastructure, irradiation, other	 Emergency exits	 Elevators	 Barriers	 Doors / Access control	 Bio production	 UV / 405nm Blue light

Customer-specific solutions

Individuality down to the last detail!

Fulfilling the individual customer's wish is our way of saying that much more is possible than our standard product portfolio depicts. In this we already offer a variety of different designs, versions and series for different areas of application. Within a product group, the indicator lights already differ in size, casing colour, lens colour/shape and voltage variants.

Still not the right luminaire for your application?

Let us realise your desired solution together.

We are your partner for your special requirements!



Sloan LED indicator lights

The high-quality indicator lights from SLOAN are characterised by their durability, excellent product features and high protection class (IP68).

Specially bright LEDs give our signal lights excellent visibility, even under the most extreme conditions, such as direct sunlight.

Due to the high shock and vibration resistance, Sloan indicator lights can also be used in extremely harsh environments.

Our indicator lights are maintenance-free and can therefore also be installed in very difficult accessible locations.

The low power consumption, the simple installation and the small mounting diameter are further advantages that speak in favour of a Sloan indicator light.

Convince yourself!



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