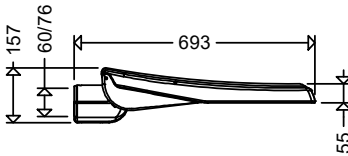
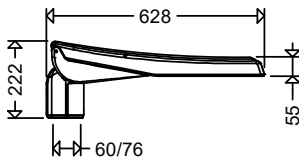


Pole-top installation



Pole-mounted installation



VIA LED Outdoor Light Fitting Series 52...

Applications:

Side and main streets, roundabouts, factory streets in industrial plants, car parks, gateways etc.

Design:

Housing: Die-cast aluminium, powder coated in DB 702 (mica-iron paint, grey) hinged with lockable safety clip. LED module and ECG mounted on support plates in upper part of housing, exchangeable without tools, disconnectable plug connection. Cable entry with screw connection, strain relief and pressure compensation system in lower part of housing, silicone seal.

Glass cover: Flat safety glass, impact resistance IK09.

Light distribution: Lens optics, asymmetrical wide beam

Central locking: Aluminium

Connection terminal: With disconnect plug connection and strain relief.

Universal-Pole mounting device: Die-cast aluminium, for mast top Ø 60/76mm for pole-top or pole-mounted installation, pre-assembled for pole-top installation with 0° inclination. Separate reducing accessories are required for mast top Ø 42mm.

Inclination setting: For pole-top installation 0°, 5°, 10° and 15° (factory setting 0°), for pole-mounting installation 0°, -5°, -10° and -15° depending on the inclination of the bracket arm, scaling on luminaire housing.

Electrical design:

LED module: 4,000K or 3,000K, $R_a > 70$, service life $L_{90} > 100,000h$, Zhaga compliant

ECG: 220-240V, 50-60Hz, Surge voltage resistance 10kV, overload and short circuit protection.

Light control:

On request, the luminaires are also available with the following configurations:

Output reduction with control phase (LR): For reducing the luminous flux to 50% at times of low traffic density. Control phase (LST) required. Switching via control phase (LST = 230V: 100%; LST = 0V: 50%). Alternative dimming levels possible.

Output reduction without control phase (LA): Autarkic dimming. Reduced operation 50% between 22:00 and 4:00h CET or 23:00 and 5:00h CEST, also available with deviating times and with alternative dimming steps.

Digital dimming with DALI interface (DIMD)

Constant luminous flux function (CL): Luminous flux is kept on a constant level over the entire service life of the LED-modules.

Options:

– 2,200K, light colour 722 (15% lower luminous flux)

– 1,800K, light colour 518 „Amber“ (45% lower luminous flux)

– adaptive Light EcoTune (ET)

– protection class I (SKI)

– asymmetrical beam (A), plane surface floodlight-optics

– low glare optics (ABL)

– seawater-resistant version (SWP)

– for connection to group or central battery systems (ZB) or emergency lighting networks respectively

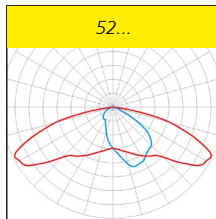
– additional overvoltage protection (OP)

– inrush current limiter (ESSB)

– with bird deterrence (BD)

– special painting in RAL colours (SL)

– with backside light shielding (HA)



Product highlights:

- durable, corrosion-resistant die-cast aluminium housing with flat surface without cooling fins, no dirt build-up.
- can be opened without tools (central locking)
- no uncomfortable „working overhead“, luminaire opens upwards
- universal mast mounting for mast top Ø 60/76mm for post mounting or post-top mounting, pre-mounted on luminaire
- easy insertion of cable into connection compartment via cable gland
- tool-free replacement of ECG (support plate, disconnecting plug, clamping spring)
- tool-free replacement of LED module (support plate, disconnect plug, clamping spring) time- and cost-saving component replacement at end of life
- time- and cost-saving retrofitting in case of further technical development or use of other/warmest light colours
- uniform illumination due to multi-layer technology
- integrated pressure equalisation system prevents condensation in the interior
- eco-friendly, no light emission into the upper half-space, $ULOR=0$
- all versions dimmable to 10% with color temperature up to max. 3,000K fulfill the Dark Sky requirements
- sustainable, control gear and LED-module replaceable by qualified personnel on-site
- future proof by using standardized LED-modules (Zhaga)
- GreenLine luminaire, outstanding sustainable design

! Properties, limitations and details for controlling LED-light fittings:

■ See „Technical Supplement“

All data are correct at the time of printing. Actual technical data can be found under www.schuch.de.

| Article no. | Type | Connected load [W] | Luminous flux [lm] | Luminous efficacy [lm/W] | Weight [kg] (without packing material) |
|-------------|------|--------------------|--------------------|--------------------------|-------------------------------------------|
|-------------|------|--------------------|--------------------|--------------------------|-------------------------------------------|

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All light fittings also available with connected cable (H07RN-F or NYM) in the required length.

colour temperature 4.000K (light colour 740)

| | | | | | |
|-----------------------|----------------|-----|--------|-----|------|
| 52000 0004 | 52 4801 | 52 | 9.060 | 174 | 10,7 |
| 52000 0005 | 52 4802 | 75 | 12.550 | 167 | 10,7 |
| 52000 0006 | 52 4803 | 106 | 16.730 | 158 | 10,7 |
| 52000 0007 | 52 6401 | 69 | 11.930 | 173 | 10,8 |
| 52000 0008 | 52 6402 | 99 | 16.490 | 167 | 10,8 |
| 52000 0009 | 52 6403 | 140 | 21.980 | 157 | 10,8 |
| NEW 52000 0010 | 52 8001 | 86 | 14.530 | 169 | 11,0 |
| 52000 0011 | 52 8002 | 124 | 20.000 | 161 | 11,0 |
| 52000 0012 | 52 8003 | 175 | 26.520 | 152 | 11,0 |

colour temperature 3.000K (light colour 730)

| | | | | | |
|-----------------------|--------------------|-----|--------|-----|------|
| 52000 0016 | 52 4801 730 | 52 | 8.610 | 166 | 10,7 |
| 52000 0017 | 52 4802 730 | 75 | 11.920 | 159 | 10,7 |
| 52000 0018 | 52 4803 730 | 106 | 15.890 | 150 | 10,7 |
| 52000 0019 | 52 6401 730 | 69 | 11.330 | 164 | 10,8 |
| 52000 0020 | 52 6402 730 | 99 | 15.670 | 158 | 10,8 |
| 52000 0021 | 52 6403 730 | 140 | 20.880 | 149 | 10,8 |
| NEW 52000 0022 | 52 8001 730 | 86 | 13.800 | 160 | 11,0 |
| 52000 0023 | 52 8002 730 | 124 | 19.000 | 153 | 11,0 |
| 52000 0024 | 52 8003 730 | 175 | 25.190 | 144 | 11,0 |

! Also available with output reduction (LR / LA) or constant luminous flux function (CL) as well as combinations of these functions (CL LR / CL LA).

Accessories / Spare Parts

| Article No. | Type | |
|-------------|---------------------|------------------------------------------|
| 52010 9000 | ABD 52 | cover, pane safety glas clear, for 52... |
| 90309 0001 | RZ 76/42 VIA | adapter for mast top ø of 42mm, black |

Pipe brackets for wall, pole and corner mounting, and post top brackets please see end of this chapter.