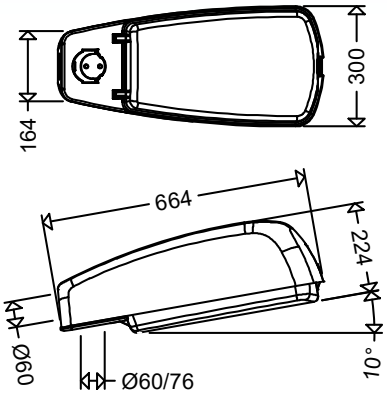


LUCA
Modern LED Outdoor Light Fitting with variable setting of the luminous flux and Multi-Purpose Mounting System Series 46... G2 VARIO

Applications:
Residential streets, by-roads and thoroughfares, walkways and bicycle lanes, traffic-calmed zones, factory streets in industrial plants, car parks, entrances and exits etc.

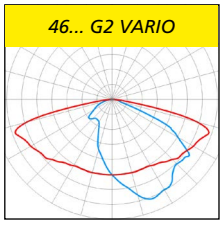
Design:
Housing: Glass fibre reinforced polyester resin with UV resistant coating, integrated pressure compensation system.
Diffuser: UV stabilized PC, clear, hinged and detachable.
Gear tray: Aluminium, with LED module, optics and all electrical components as a compact unit. Unit connected to the clear cover in a (sandwich construction), disconnectable plug-in connection and strain relief.
Switch for setting the luminous flux of the luminaire.
Fasteners: Stainless steel.
Light distribution: Asymmetrical wide beam
Universal pole mounting device: Die-cast aluminium, for post top mounting Ø 60/76 mm (inclination: 10 °) and side entry mounting Ø 60 mm. For side entry mounting Ø 42 mm, separate reducing accessories are required (see accessories / spare parts).
Inclination: Side entry mounting 0°, -5°, -10° and -15° depending on inclination of the cantilever.



Electrical design:
LED module: 4,000 K or 3,000 K, R_a > 70, service life L_{95} > 100,000 h, Zhaga compliant
ECG: 220-240 V, 50-60 Hz, Surge voltage resistance 10 kV, overload and short circuit protection.

Options:

- 2,200 K; light colour (**722**)
- 1,800 K; light colour (**518**)
- asymmetrical beam (**A**)
- asymmetrical extremely wide beam (**RWX**), for illuminating cycle paths
- asymmetrical wide beam, low glare (**ABL**)
- Aluminium version (**AL**)
- special painting in RAL colours
- protection class I (**SKI**)
- seawater-resistant version
- for connection to a central power supply system (**ZB**)
- Ready for Lightmanagement System (**RFL**)
- dimming function via DALI-2 interface, compatible with LIMAS Line wired Light Management System (**DIMD**)
- power reduction with control phase (**LR**)
- power reduction without control phase (**LA**)
- constant luminous flux function (**CL**)
- additional overvoltage protection
- with backside light shielding (**HA**)
- inrush current limiter







Compact unit with all electricalal components, detachable without tools.

Product highlights:

- **simple, fast, tool-free setting of the luminous flux on site**, by means of integrated DIP switch, can be changed at any time
- **reduction in the variety of types**
- **economical storage due to standardisation**
- **long-life housing** polyester housing with UV and weather-resistant protective coating
- **integrated pressure compensation system** prevents condensation in the interior
- **protection of the LEDs against mechanical and electrostatic discharge** due to sandwich-design of gear tray and cover
- **quick mounting due to**
  - **tool-free opening of the luminaire** by means of a central toggle clamp made of stainless steel
  - **gear tray hingeable and detachable**
  - **removable multi-function cable entry** enables pre-assembly of the connection cable
  - **integrated universal pole mounting system** (side entry mounting Ø 60 mm or post top mounting Ø 60/76 mm)
- **homogeneous illumination** due to the **Multi-Layer-Technology**
- control gear and LED-module replaceable by qualified personnel on-site
- **future proof** by using standardised LED-modules (Zhaga) and long-term availability of spare parts

! 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.

All light fittings also available with connected cable (see accessories in the data sheet).

All luminaires also available with luminous flux adjustment via app (**NFC version**).

Article No.	Type	Connected load [W]	Luminous flux [lm] 1)	Luminous efficacy [lm/W] (up to)	Substitute for ca. *	Weight [kg] (without packing material)

46... G2 VARIO

IP65 | Wind load area A = 0,11

With an integrated DIP switch for for variable adjustment of the luminous flux in the luminaire.

colour temperature 4.000K (light colour 740)

46007 0001	**46 L50 VARIO**	9 - 35	1.420 - 5.840	184	HST 35 - 2 x HST 70	5,9
46007 0002	**46 L100 VARIO**	16 - 70	2.910 - 11.720	188	HST 50 - HSE 150	6,0

colour temperature 3.000K (light colour 730)

46007 0003	**46 L50 VARIO 730**	9 - 35	1.350 - 5.550	174	HST 35 - 2 x HST 70	5,9
46007 0004	**46 L100 VARIO 730**	16 - 70	2.760 - 11.130	178	HST 50 - HSE 150	6,0

Factory setting L50: 18 W; replaces approx. HME 125, HST 70

Factory setting L100: 54 W; replaces approx. HME 250

1) possible setting range

* The given information is for rough orientation only. In each individual case a lighting calculation is necessary.



RZ 60/42 LUCA



Pipe brackets for wall, pole and corner mounting, and post top brackets please see accessories in the data sheet.

Accessories / Spare Parts

Article no.	Type	
46001 9003	**ABD 46 G2 PC K**	cover, diffuser PC clear, UV stabilized, for 46...
90306 0003	**RZ 60/42 LUCA**	adapter for mast top Ø 42 mm, black