

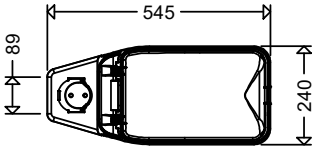


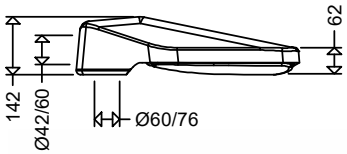
FILOS
LED Outdoor Light Fitting with variable setting of the luminous flux Series 42... VARIO / 42AL... VARIO

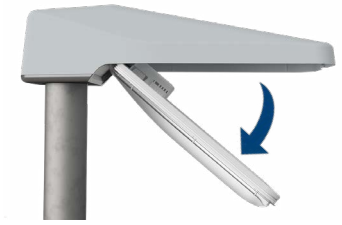
Applications:
Residential-, through traffic streets, footpaths and cycle tracks, traffic-calmed areas, factory streets, car parks, gateways etc.

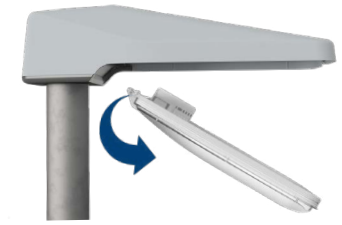
Design :
Housing: Glass fibre reinforced polyester resin, unpainted, or painting DB 702.
Housing for AL version: Die-cast aluminium, DB 702.
Diffuser: UV-stabilized PC, clear, hingeable and detachable.
Gear tray: Aluminium, with LED modul, optics and all electrical components in compact unit protected against accidental contact, isolating plug connection and cable retainer.
Switch for setting the luminous flux of the luminaire.
Central closing: Stainless steel.
Light distribution: Asymmetrical wide beam.
Universal pole mounting device: Die-cast aluminium, for post top mounting Ø 60/76 mm and side entry mounting Ø 42/60 mm x 100 mm.
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.

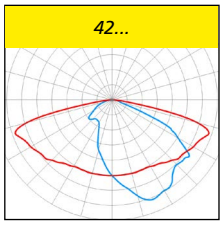












Options:
– 2,200 K; light colour (**722**)
– 1,800 K; light colour (**518**)
– asymmetrical beam (**A**)
– asymmetrical extremely wide beam (**RWX**), for illuminating cycle paths
– special painting in RAL colours
– protection class I (**SKI**)
– seawater-resistant version
– for connection to a central 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

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, robust housing** made of glass fibre reinforced polyester (version 42... VARIO)
- **long-life, corrosion-resistant die-cast aluminium housing** with smooth surface without cooling fins (version 42AL... VARIO)
- **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**
- **ULOR=0 %**
- 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**).



unpainted



painted DB 702

42... VARIO

IP66 | Wind load area A = 0,06m²

Polyester housing

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

Article No.	Type	Connected load [W]	Luminous flux [lm] 1)	Luminous efficacy [lm/W] (up to)	Substitute for ca. *	Weight [kg] (without packing material)
colour temperature 4.000K (light colour 740)						
42008 0001	**42 L50 VARIO**	9 - 35	1.400 - 5.670	181	HST 35 - 2 x HST 70	4,0
42008 0028	**42 L100 VARIO**	16 - 70	2.820 - 11.130	185	HST 50 - HSE 150	4,1
42008 0501	**42 L50 VARIO DB702**	9 - 35	1.400 - 5.670	181	HST 35 - 2 x HST 70	4,0
42008 0500	**42 L100 VARIO DB702**	16 - 70	2.820 - 11.130	185	HST 50 - HSE 150	4,1
colour temperature 3.000K (light colour 730)						
42008 0002	**42 L50 VARIO 730**	9 - 35	1.330 - 5.390	172	HST 35 - 2 x HST 70	4,0
42008 0029	**42 L100 VARIO 730**	16 - 70	2.680 - 10.570	176	HST 50 - HSE 150	4,1
42008 0502	**42 L50 VARIO 730 DB702**	9 - 35	1.330 - 5.390	172	HST 35 - 2 x HST 70	4,0
42008 0519	**42 L100 VARIO 730 DB702**	16 - 70	2.680 - 10.570	176	HST 50 - HSE 150	4,1

BestSelect – a selection of tried-and-tested SCHUCH luminaires for your everyday needs. More at: www.schuch.de/BestSelect



42AL... VARIO

IP66 | Wind load area A = 0,06m²

Die-cast aluminium housing painted DB 702

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

colour temperature 4.000K (light colour 740)						
42003 0001	**42AL L50 VARIO**	9 - 35	1.400 - 5.670	181	HST 35 - 2 x HST 70	4,9
42003 0031	**42AL L100 VARIO**	16 - 70	2.820 - 11.130	185	HST 50 - HSE 150	4,9
colour temperature 3.000K (light colour 730)						
42003 0008	**42AL L50 VARIO 730**	9 - 35	1.330 - 5.390	172	HST 35 - 2 x HST 70	4,9
42003 0030	**42AL L100 VARIO 730**	16 - 70	2.680 - 10.570	176	HST 50 - HSE 150	4,9

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

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

1) possible setting range

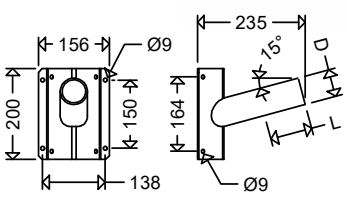
* The given information is for rough orientation only. In each individual case a lighting calculation is necessary.



4871 RAL 7035



4871 DB 702



Welded Aluminium Standard Pole Arm Carrier Series 4871

Applications:
For mounting outdoor light fittings on flat walls and corners of buildings.

Design:
Aluminium plate 4 mm thick, powder coated grey (RAL 7035) or DB 702, with eight fixing holes Ø 9mm and pole arm Ø 60 mm (100 mm long).

Options:
Special painting in RAL colours (**SL**)

4871

Article no.	Type	D	L	Weight ca. [kg]
48700 0002	**4871 RAL7035**	60	100	0,7
48700 0506	**4871 DB702**	60	100	0,7

BestSelect – a selection of tried-and-tested SCHUCH articles for your everyday needs. More at: www.schuch.de/BestSelect

Accessories / Spare Parts

Article no.	Type	
42001 9003	**ABD 42 PC**	cover, diffuser PC clear, UV stabilized, clear, for 42...

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