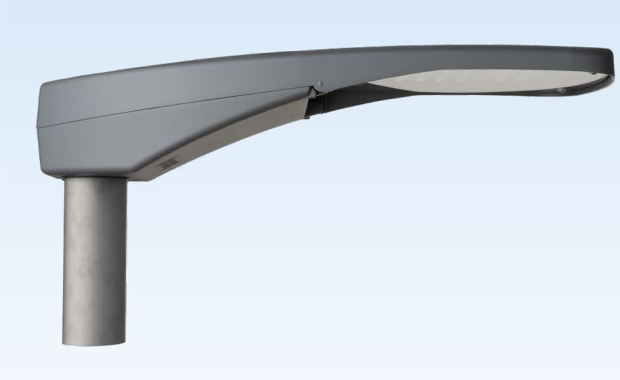
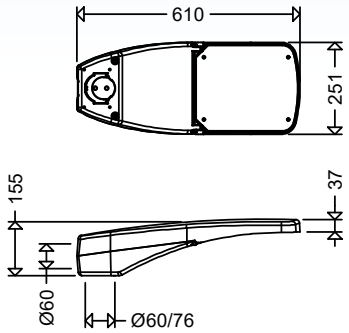


CAMINO
LED Outdoor Light Fitting
Series 48... / 47...

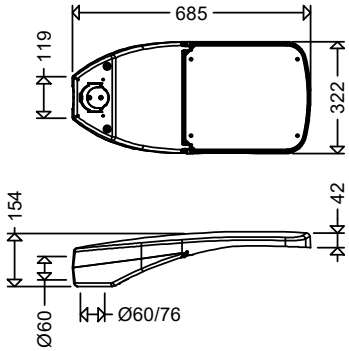
Applications:
Residential streets, by-roads, traffic-calmed zones, parks, walkways and cycle tracks, pedestrian zones, parks, green spaces, gateways, main streets, roundabouts, factory streets in industrial plants, car parks etc.

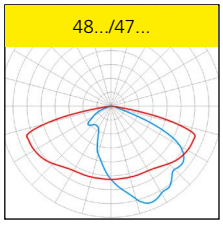
Design:
Housing: Die-cast aluminium, 2-parts, powder coated in DB 702.
Upper section with LED-Module, optics, glass cover and ECG, hinged and detachable. Lower section with pole mounting system, adjustment of inclination, cable retainer, cable entry with pressure compensation system.
Glass cover: Flat safety glass, impact resistance IK09.
Light distribution: Asymmetrical wide beam
Connection: With isolating plug connection with cable relief.
Universal pole mounting device: Die-cast aluminium, for post top mounting Ø 60/76 mm and side entry mounting Ø 60 mm. For side entry mounting Ø 42 mm, separate reducing accessories are required (see accessories / spare parts).
Inclination: Post top mounting 0°, 5° and 10° (factory setting 0°). Side entry mounting 0°, -5°, -10° and -15° depending on inclination of the cantilever.

48...



47...





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**)
- special painting in RAL colours
- protection class I (**SKI**)
- seawater-resistant version
- bird deterrence
- for connection to a central power supply system (**ZB**)
- variable adjustable luminous flux via app (**NFC**)
- 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**)
- EcoTune
- additional overvoltage protection
- with backside light shielding (**HA**)
- inrush current limiter

Product highlights:

- **durable, corrosion-resistant die-cast aluminium housing** with flat surface without cooling fins
- **excellent thermal management,** long service life
- **integrated pressure compensation system** prevents condensation in the interior
- **universal pole mounting system, foldabel without tools, for post top or side entry mounting**
- **removable upper part of the housing allows a comfortable, time- and cost-saving mounting in 2 steps:**
  1st step: Mount bottom part on the pole and connect the mains
  2nd step: Hinge upper part, connect isolating plug and shut the housing. **READY**
- **adjustable inclination of the light fitting,** no tools required
- **homogeneous illumination** due to the **Multi-Layer-Technology**
- no light emission into the upper half-space, **ULOR=0**
- versions dimmable to 10% and with color temperature up to 3,000 K comply with **Dark Sky requirements**
- 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

SCHUCH outdoor luminaires in ZB design meet all relevant requirements for emergency luminaires for illuminating escape routes and assembly points **(DIN EN 1838 / DIN EN 50172 VDE 0108-100:2024-10 / EN 60598 Part 2-22)**. The luminous flux in emergency mode can be selected between 10-100 %. Programming is carried out at the factory.

EcoTune luminaires from SCHUCH adapt flexibly to changing situations, taking into account safety, residents' interests and ecological aspects of night-time lighting. The luminaires combine either two light colours or optics: With light colours (e.g. 4,000 K and 2,200 K), the light can be changed from neutral white in the morning to warm white in the evening and optionally controlled via motion sensors, while the combination of two optics with different light distributions reduces glare on wet roads.
Further information on EcoTune can be found in our outdoor luminaires catalogue.

! 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).

Outstanding mounting advantage

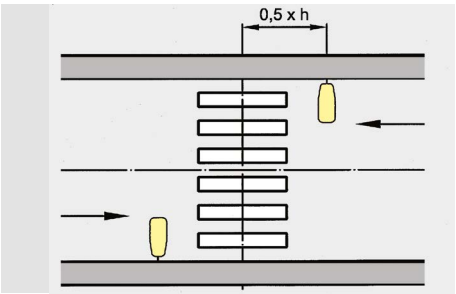




48... / 47...

IP66 · Wind load area A = 0,05m²

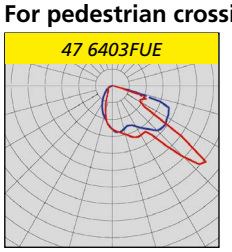
Article no.	Type	Connected load W	Luminous flux [lm]	Luminous efficacy [lm/W]	Weight [kg] (without packing material)
colour temperature 4.000K (light colour 740)					
48001 0030	**48 0801**	9	1.510	168	7,0
48001 0045	**48 0802**	13	2.100	162	7,0
48001 0046	**48 0803**	18	2.840	158	7,0
48001 0005	**48 1601**	17	2.900	171	7,0
48001 0006	**48 1602**	25	4.050	162	7,0
48001 0007	**48 1603**	35	5.480	157	7,0
48001 0047	**48 2401**	26	4.470	172	7,1
48001 0048	**48 2402**	37	6.210	168	7,1
48001 0049	**48 2403**	53	8.340	157	7,4
48001 0015	**48 3201**	34	5.940	175	7,5
48001 0016	**48 3202**	50	8.280	166	7,5
48001 0017	**48 3203**	70	11.140	159	7,5
47000 0003	**47 3201**	34	6.020	177	10,2
47000 0009	**47 3202**	50	8.400	168	10,2
47000 0004	**47 3203**	70	11.360	162	10,2
47000 0005	**47 4801**	52	8.980	173	10,2
47000 0010	**47 4802**	75	12.500	167	10,2
47000 0047	**47 4803**	106	16.850	159	10,2
47000 0007	**47 6401**	69	11.850	172	10,3
47000 0011	**47 6402**	99	16.440	166	10,3
47000 0048	**47 6403**	140	22.030	157	10,3
colour temperature 3.000K (light colour 730)					
48001 0936	**48 0801 730**	9	1.430	159	7,0
48001 0391	**48 0802 730**	13	2.000	154	7,0
48001 0322	**48 0803 730**	18	2.700	150	7,0
48001 0099	**48 1601 730**	17	2.760	162	7,0
48001 0096	**48 1602 730**	25	3.850	154	7,0
48001 0097	**48 1603 730**	35	5.210	149	7,0
48001 0937	**48 2401 730**	26	4.250	163	7,1
48001 0143	**48 2402 730**	37	5.900	159	7,1
48001 0939	**48 2403 730**	53	7.920	149	7,4
48001 0120	**48 3201 730**	34	5.640	166	7,5
48001 0028	**48 3202 730**	50	7.870	157	7,5
48001 0018	**48 3203 730**	70	10.580	151	7,5
47000 0905	**47 3201 730**	34	5.720	168	10,2
47000 0100	**47 3202 730**	50	7.980	160	10,2
47000 0090	**47 3203 730**	70	10.790	154	10,2
47000 0383	**47 4801 730**	52	8.530	164	10,2
47000 0075	**47 4802 730**	75	11.880	158	10,2
47000 0076	**47 4803 730**	106	16.010	151	10,2
47000 0362	**47 6401 730**	69	11.260	163	10,3
47000 0270	**47 6402 730**	99	15.620	158	10,3
47000 0088	**47 6403 730**	140	20.930	150	10,3



47... FUE

IP66 · Wind load area A = 0,05m²

For pedestrian crossings or for object protection



Applications:
Pedestrian crossings, object protection, fence, apron, area illumination ...

Design:
Asymmetrical light distribution. Major light beam crosswise to longitudinal axis of the luminaire with limited backward light beam.

Article no.	Type	Connected load W	Luminous flux [lm]	Luminous efficacy [lm/W]	Weight [kg] (without packing material)
colour temperature 4.000K (light colour 740)					
47000 0448	**47 6403FUE**	140	22.030	157	10,3
colour temperature 3.000K (light colour 730)					
47000 0467	**47 6403FUE 730**	140	20.930	150	10,3

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

48... / 47... VARIO

IP66 | Wind load area A = 0,05m²

Design:
Same as type 48... / 47... but: With an integrated DIP switch for for variable adjustment of the luminous flux in the luminaire.

Product highlights of the VARIO version:

- **simple, fast, tool-free setting of the luminous flux** on site, by means of integrated switch, can be changed at any time
- **reduction in the variety of types**

colour temperature 4.000K (light colour 740)

Article No.	Type	Connected load [W]	Luminous flux [lm] 1)	Luminous efficacy [lm/W] (up to)	Substitute for ca. *	Weight [kg] (without packing material)
48001 0703	**48 L50 VARIO**	9 - 35	1.330 -5.480	172	HST 35 - 2 x HST 70	7,5
48001 0750	**48 L100 VARIO**	16 - 70	2.730 - 11.140	177	HST 50 - HSE 150	7,6
47000 0366	**47 L100 VARIO**	16 - 70	2.760 - 11.360	180	HST 50 - HSE 150	10,2
47000 0364	**47 L150 VARIO**	24 - 106	4.130 - 16.850	173	2 x HME 80 - 2 x HME 250	10,2
47000 0365	**47 L210 VARIO**	32 - 140	5.460 - 22.030	171	2 x HST 70 - HME 400	10,3

colour temperature 3.000K (light colour 730)

48001 0701	**48 L50 VARIO 730**	9 - 35	1.260 - 5.210	163	HST 35 - 2 x HST 70	7,5
48001 0761	**48 L100 VARIO 730**	16 - 70	2.590 - 10.580	168	HST 50 - HSE 150	7,6
47000 0468	**47 L100 VARIO 730**	16 - 70	2.620 - 10.790	171	HST 50 - HSE 150	10,2
47000 0469	**47 L150 VARIO 730**	24 - 106	3.920 - 16.010	164	2 x HME 80 - 2 x HME 250	10,2
47000 0470	**47 L210 VARIO 730**	32 - 140	5.190 - 20.930	162	2 x HST 70 - HME 400	10,3

Factory setting L50: 18 W; replaces approx. HME 125, HST 70
Factory setting L100: 54 W; replaces approx. HME 250
1) possible setting range
Factory setting L150: 106 W; replaces approx. 2 x HME 250
Factory setting L210: 140 W; replaces approx. HME 400
* The given information is for rough orientation only. In each individual case a lighting calculation is necessary.

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





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





RFL - Ready for Light Management Systems

Design:

Same as standard version **48... / 47...**, but prepared for the subsequent use of a Light Management System. Integrated sockets allows retrofitting of Light Management components without tools.

Product highlights:

- standardised Zhaga Book 18 compliant sockets with D4i control gear
- subsequent use of a light management system possible at any time
- tool-free, quick assembly of the Light Management System components

48... / 47... RFL

IP66 · Wind load area A = 0,05m²

with a socket on the top and bottom side of the luminaire

Article no.	Type	Connected load W	Luminous flux [lm]	Luminous efficacy [lm/W]	Weight [kg] (without packing material)
colour temperature 4.000K (light colour 740)					
48004 0009	**48 0803 RFLOU**	18	2.840	158	7,0
48004 0010	**48 1603 RFLOU**	35	5.480	157	7,0
48004 0011	**48 2403 RFLOU**	53	8.340	157	7,4
48004 0012	**48 3203 RFLOU**	70	11.140	159	7,2
47002 0007	**47 3203 RFLOU**	70	11.360	162	10,2
47002 0008	**47 4803 RFLOU**	106	16.850	159	10,2
47002 0009	**47 6403 RFLOU**	140	22.030	157	10,3
colour temperature 3.000K (light colour 730)					
48004 0066	**48 0803 730 RFLOU**	18	2.700	150	7,0
48004 0047	**48 1603 730 RFLOU**	35	5.210	149	7,0
48004 0067	**48 2403 730 RFLOU**	53	7.920	149	7,4
48004 0068	**48 3203 730 RFLOU**	70	10.580	151	7,2
47002 0042	**47 3203 730 RFLOU**	70	10.790	154	10,2
47002 0043	**47 4803 730 RFLOU**	106	16.010	151	10,2
47002 0044	**47 6403 730 RFLOU**	140	20.930	150	10,3

System accessories

Article No.	Type	
90546 9018	**RFL BM/DS IR12**	RFL motion sensor with light sensor, infrared (maximum light point height 12.0 m)
90546 9004	**RFL BM/DS IR8**	RFL motion sensor with light sensor, infrared (light point height max. 8.0 m)
90546 9000	**RFL DS20**	RFL control element with light sensor, standalone, 20 lx
90543 0001	**LASC DONGLE USB + SOFT + LIZ**	LIMAS Air SYNC USB dongle with software and licence
90546 9012	**RFL LASC BM RAD10 MA MK2**	RFL LIMAS Air SYNC light management controller (2.4 GHz mesh network) with motion sensor, radar (mounting height max. 10.0 m) for mast mounting with 2.0 m cable
90546 9011	**RFL LASC BM RAD8**	RFL LIMAS Air SYNC light management controller (2.4 GHz mesh network) with motion sensor, radar (max. light point height 8.0 m)
90546 9014	**RFL LASC DS**	RFL LIMAS Air SYNC light management controller (2.4 GHz mesh network) with light sensor
90546 9010	**RFL LASC DS GPS SIM**	RFL LIMAS Air SYNC light management controller (2.4 GHz mesh network) with light sensor, GPS antenna and eSIM

Other sensors, e.g. environmental sensors (fine dust, CO_2, weather station etc.) on request.

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

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

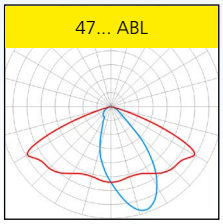
NEW

47... DB

IP66 · Wind load area A = 0,05m²

Applications:
Railway stations and platforms.

Deutsche Bahn listing:
DB Station & Service AG
List sheet number B 04.10.042



Product highlights:

- Deutsche Bahn listing
- **easy installation,** quick and convenient thanks to removable upper housing section
- **economical operation,** high light output
- **future-proof** by using standardised LED-modules (Zhaga)

colour temperature 4.000 K (light colour 740)

47000 3000	**47 L29ABL CL DB**	14	2.300	164	10,1
47000 3002	**47 L34ABL CL DB**	15	2.700	180	10,1

colour temperature 1.800 K (light colour 518)

47000 3012	**47 L29ABL CL 518 DB**	25	2.300	92	10,1
47000 3014	**47 L34ABL CL 518 DB**	30	2.700	90	10,1





RZ 60/42 CAMINO



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	
48002 9000	**ABD 48 ESGW**	cover, pane safety glass clear, for 48...
47001 9002	**ABD 47 ESGW**	cover, pane safety glass clear, for 47...
90306 0004	**RZ 60/42 CAMINO**	adapter for mast top Ø 42 mm, black