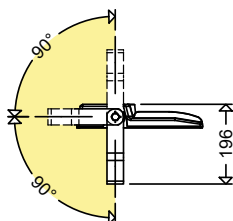
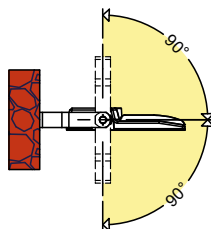


Swivel range



Standard Mounting



FOCO LED Floodlight with variable setting of the luminous flux Series 7600... VARIO / 7600 VARIO RFL

Applications:

Industrial areas, stockyards, terminals, object protection and fence illumination, construction zone, accent lighting, illumination of building and facades etc.

Design:

Housing: Die-cast aluminium, 1-part, powder coated DB 702 with LED-Module, optics (versions TB, T and A), electronic ballast and pressure compensation system.

Glass: Flat safety glass pane, resistant to temperature changes, impact resistant IK09, silicone gasket.

Switch for setting the luminous flux in the terminal compartment, accessible from the outside.

Light distribution: With optics narrow-wide (TB), narrow (T) or asymmetrical beam (A), without optics wide beam.

Connection: Terminal compartment, accessible from the outside, 3-pole terminal, max. clamping range 2.5 mm².

Cable entry: 1 cable entry M20 x 1.5 (1 cable gland).

Mounting: Mounting bracket, swivel range 180°, with 3 drillings for wall- or ceiling mounting.

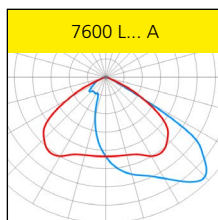
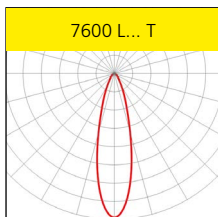
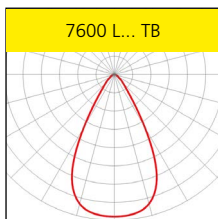
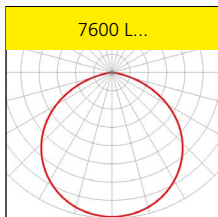
Electrical design:

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 wide beam (AB)
- asymmetrical wide beam, low glare (ABL)
- extremely narrow beam (TX)
- cable looping at 1 small side
- special painting in RAL colours
- protection class II (SKII)
- seawater-resistant version
- vibration-resistant design
- high resistance (HR), against corrosive atmosphere
- bird deterrence
- for connection to a central power supply system (ZB)
- 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
- extended swivel range
- inrush current limiter



Product highlights:

- durable, corrosion-resistant die-cast aluminium housing
- excellent thermal management, long service life
- quick electrical connection due to outlying electrical connection box
- homogeneous illumination due to the **Multi-Layer-Technology**
- eco-friendly, no light emission into the upper half-space, ULOR=0 (Plane Surface Floodlight)
- versions dimmable to 10% and with color temperature up to 3,000 K comply with **Dark Sky requirements**
- sustainable, 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
- 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.

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

Article no.	Type	Power/ consumption [W]	Luminous flux [lm] ¹⁾	Luminous efficacy [lm/W] (up to)	Substitute for ca. *	Weight [ca. kg] (without packaging)
-------------	------	------------------------	----------------------------------	----------------------------------	----------------------	-------------------------------------

7600 ... VARIO



Design:

With 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)

76000 0102	7600 L50 VARIO	} 9 - 35	1.370 - 5.660	177	HST 35 - 2 x HST 70	3,8
76000 0104	7600 L50TB VARIO					
76000 0106	7600 L50T VARIO					
76000 0100	7600 L50A VARIO					
76000 0103	7600 L100 VARIO	} 16 - 70	2.740 - 11.170	177	HST 50 - HSE 150	3,8
76000 0105	7600 L100TB VARIO					
76000 0107	7600 L100T VARIO					
76000 0101	7600 L100A VARIO					

colour temperature 3.000K (light colour 730)

76000 0156	7600 L50 VARIO 730	} 9 - 35	1.300 - 5.380	168	HST 35 - 2 x HST 70	3,9
76000 0176	7600 L50TB VARIO 730					
76000 0177	7600 L50T VARIO 730					
76000 0122	7600 L50A VARIO 730					
76000 0137	7600 L100 VARIO 730	} 16 - 70	2.600 - 10.610	168	HST 50 - HSE 150	3,9
76000 0178	7600 L100TB VARIO 730					
76000 0133	7600 L100T VARIO 730					
76000 0117	7600 L100A VARIO 730					

Factory setting L50: 18 W; replaces approx. ca. HME 125, HST 70
¹⁾ possible setting range

Factory setting L100: 54 W; replaces approx. HME 250
 * The given information is for rough orientation only. In each individual case a lighting calculation is necessary.

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

Article no.	Type	Power/ consumption [W]	Luminous flux [lm] ¹⁾	Luminous efficacy [lm/W] (up to)	Substitute for ca. *	Weight [ca. kg] (without packaging)
-------------	------	------------------------	----------------------------------	----------------------------------	----------------------	-------------------------------------

RFL - Ready for Light Management Systems

Design:

Same as standard version, 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

RFL



7600 ... VARIO RFL



with a socket on the top side of the luminaire

The luminous flux is variably adjustable. The Connected load will change depending on the setting of the luminous flux.

colour temperature 4.000K (light colour 740)

76002 0002	7600 L50 VARIO RFLO	9 - 35	1.370 - 5.660	177	HST 35 - 2 x HST 70	3,8
76002 0003	7600 L50TB VARIO RFLO					
76002 0004	7600 L50T VARIO RFLO					
76002 0001	7600 L50A VARIO RFLO					

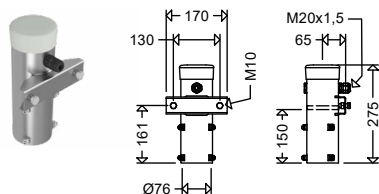
colour temperature 3.000K (light colour 730)

76002 0006	7600 L50 VARIO 730 RFLO	9 - 35	1.300 - 5.380	168	HST 35 - 2 x HST 70	3,8
76002 0007	7600 L50TB VARIO 730 RFLO					
76002 0008	7600 L50T VARIO 730 RFLO					
76002 0009	7600 L50A VARIO 730 RFLO					

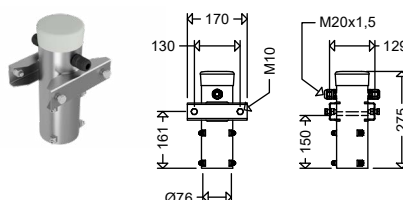
Factory setting L50: 18 W; replaces approx. ca. HME 125, HST 70

* The given information is for rough orientation only. In each individual case a lighting calculation is necessary. ¹⁾ possible setting range

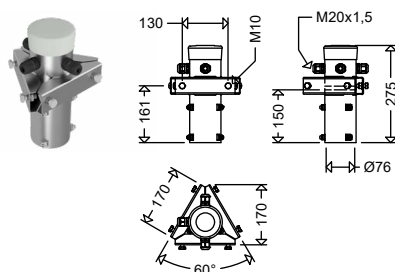
Single mounting: MAU 1 76/130 M10



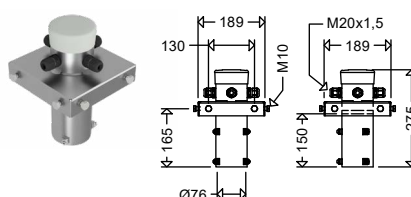
Double mounting: MAU 2 76/130 M10



Threefold mounting: MAU 3 76/130 M10



Fourfold mounting: MAU 4 76/130 M10



All pole top brackets made of galvanised steel. Painting in any RAL colour for additional charge.

System accessories

Article No.	Type	
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 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, CO₂, weather station etc.) on request.

Accessories / Spare Parts

Article no.	Type	
76001 9000	ABD 7600 ESGW	cover, pane safety glass clear, for 7600...
75739 9006	MAU 1 76/130 M10	pole top for single mounting; galvanised steel
75739 9007	MAU 2 76/130 M10	pole top for dual mounting; galvanised steel
75739 9009	MAU 3 76/130 M10	pole top for threefold mounting; galvanised steel
75739 9008	MAU 4 76/130 M10	pole top for fourfold mounting; galvanised steel
90313 0001	KV M20 BK	plastic cable gland M20 x 1,5 black
90259 9002	DAE20	pressure compensation element M20 for ... AUS