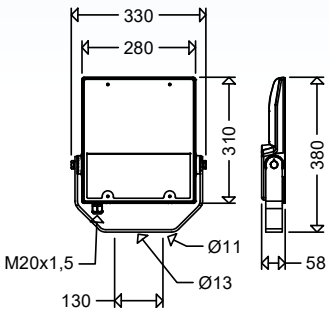


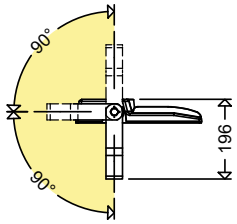
FOCO
LED Floodlight
with variable setting of the luminous flux
Series 7600... VARIO / 7600 VARIO RFL

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

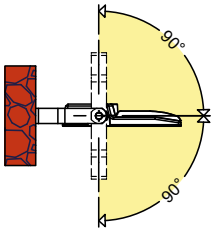
Design:
Housing: Die-cast aluminium, 1-part, powder coated DB 702 with LED-Module, optics (versions **TB**, **T** and **A**), electronic ballast and pressure compensation system.
Glass: Flat safety glass pane, resistant to temperature changes, impact resistant IK09, silicone gasket.
Switch for setting 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 entrie M20 x 1.5 (1 cable gland).
Mounting: Mounting bracket, swivel range 180°, with 3 drillings for wall- or ceiling mounting.

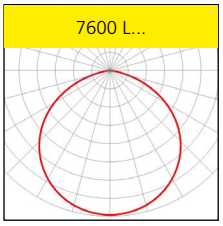


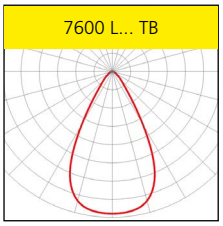
Swivel range

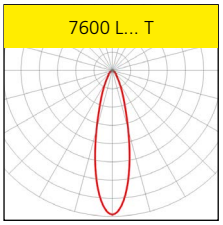


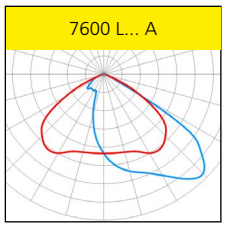
Standard Mounting











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 outlaying electrical connection box
- **homogeneous illumination** due to the **Multi-Layer-Technology**
- 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**
- 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).

7600 ... VARIO

IP66 | Wind load area A = 0,09m²



Design:
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	Power/ consumption [W]	Luminous flux [lm] 1)	Luminous efficacy [lm/W] (up to)	Substitute for ca. *	Weight [ca. kg] (without packaging)
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

7600 ... VARIO RFL

IP66 | Wind load area A = 0,09m²

with a socket on the top side of the luminaire

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

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)

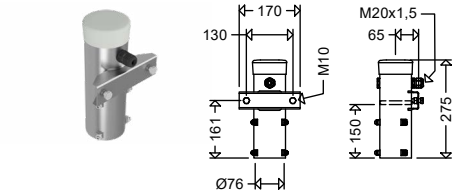
76002 0006	**7600 L50 VARIO 730 RFLO**	9 - 35	1.300 - 5.380	168	HST 35 - 2 x HST 70	3,8
76002 0007	**7600 L50TB VARIO 730 RFLO**					
76002 0008	**7600 L50T VARIO 730 RFLO**					
76002 0009	**7600 L50A VARIO 730 RFLO**					

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

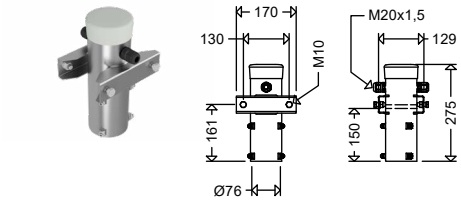
* The given information is for rough orientation only. In each individual case a lighting calculation is necessary.

1) possible setting range

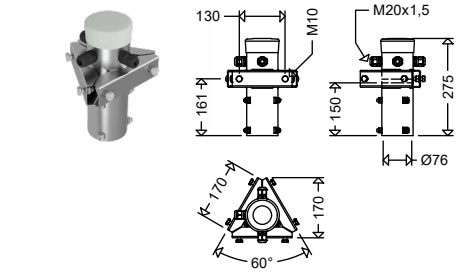
Single mounting: MAU 1 76/130 M10



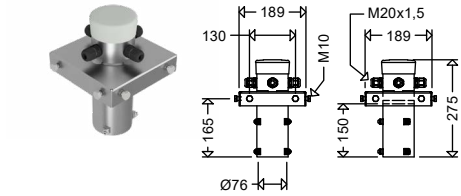
Double mounting: MAU 2 76/130 M10



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, CO_2, 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