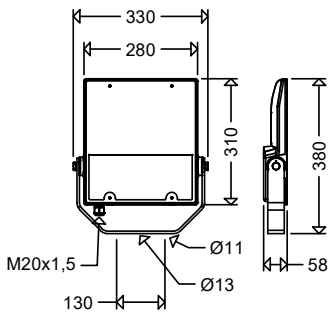


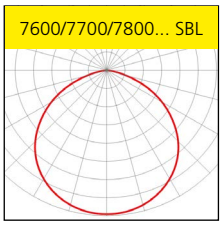
FOCO, FOCO L / XL
LED Floodlight for use in Swimming pools
Series 7600... SBL / 7700... SBL / 7800... SBL

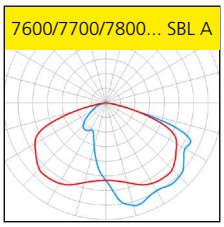
Application:
Swimming pools, indoor pools and chlorinated environments.

Design:
Housing: Die-cast aluminium, 2-parts, powder coated DB 702 (mica-iron paint, grey), modified for high protection against chlorinated atmospheres.
Upper part: With LED- and optic-modules
Lower part: With electronic ballast, glass cover, cable entry with cable relief, retractable.
Glass: Flat safety glass pane, resistant to temperature changes, impact resistant IK09 (7600.../7800...) IK10 (7700...), silicone gasket.
Light distribution: without optics wide beam or asymmetrical beam (**A**)
Connection: 3-pole terminal, max. clamping range 2,5 mm².
Cable entry: 2 entries for M20 x 1.5 (7600... SBL, 7700... SBL) or M25 x 1.5 (7800... SBL), 1 cable gland and 1 screw plug each.
Mounting: Stainless steel bracket, swivel range 180°, with 3 drillings for wall- or ceiling mounting.

Series 7600... SBL



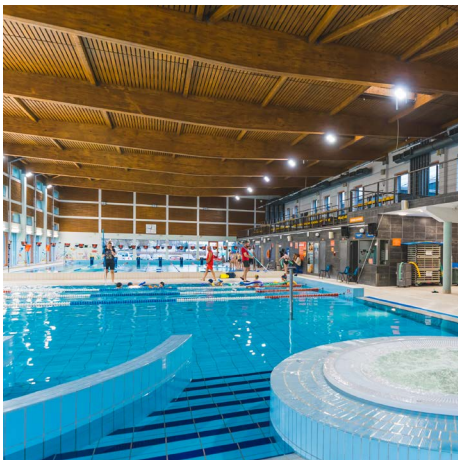




Electrical design:
LED module: 4,000 K, R_a > 80, service life L_{95} > 100,000 h at max. ambient temperature, Zhaga compliant
ECG: 220-240 V, 50/60 Hz, Surge voltage resistance 10 kV, excess temperature protection, overload and short circuit protection.
Ambient temperature: -40 °C up to +40 °C

Options:
– wide beam (**B**)
– narrow wide beam (**TB**)
– narrow beam (**T**)
– FastConnect (**FC**), quick connector
– special painting in RAL colours
– dimming function via DALI-2 interface, compatible with LIMAS Line wired Light Management System (**DIMD**)
– output reduction with control phase (**LR**)
– constant luminous flux function (**CL**)
- radio-controlled Light Management System for industrial indoor areas (**LIMAS Air**)

Product highlights:
- modified, corrosion-protected version for use in chlorinated environments
- 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

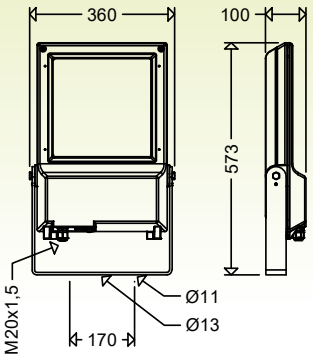


Article No.	Type	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Weight [kg] (without packingmaterial)
7600... SBL					IP66
76003 0001	**7600 L50 SBL**	3,8	35	5.800	166
76003 0002	**7600 L50A SBL**				
76003 0003	**7600 L100 SBL**	3,9	70	11.400	163
76003 0004	**7600 L100A SBL**				

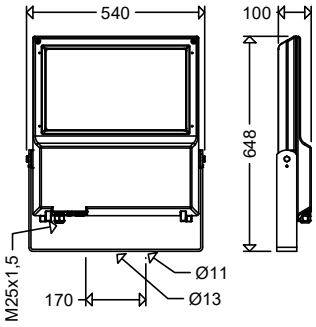
! Properties, limitations and details for controlling LED-light fittings:
See "Technical Supplement"

All data are correct at the time of printing. Actual technical data can be found under www.schuch.de.

Series 7700... SBL



Series 7800... SBL



7700... SBL

IP66

Article No.	Type	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Weight [kg] (without packingmaterial)
77006 0003	**7700 L150 SBL**	9,7	106	16.500	156
77006 0004	**7700 L150A SBL**				
77006 0005	**7700 L210 SBL**	9,7	140	21.600	154
77006 0006	**7700 L210A SBL**				

7800... SBL

IP66

78008 0003	**7800 L420 SBL**	17,0	280	43.800	156
78008 0004	**7800 L420A SBL**				

Accessories / Spare Parts

Article no.	Type	
76001 9000	**ABD 7600 ESWG**	cover, pane safety glass clear, for 7600...
78001 9002	**ABD 7700 ESWG**	cover, pane safety glas clear, for 7700...
78001 9001	**ABD 7800 ESWG**	cover, pane safety glas clear, for 7800...
90313 0001	**KV M20 BK**	plastic cable gland M20 x 1,5 black for 7700
90313 0005	**VSR M20 BK**	plastic plug M20 x 1,5 black for 7700
90313 0002	**KV M25 BK**	plastic cable gland M25 x 1,5 black for 7800
90313 0006	**VSR M25 BK**	plastic plug M25 x 1,5 black for 7800



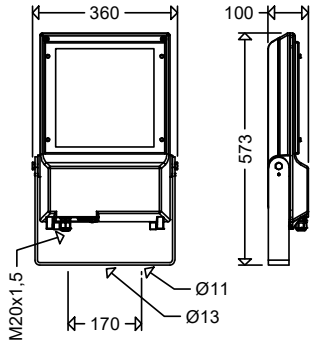
FOCO L / XL
LED Floodlight for sand/glass blasting area
Series 7700... SSK / 7800... SSK

Application:
Blasting cubicles and areas in which products are sand and glasspearl blasted

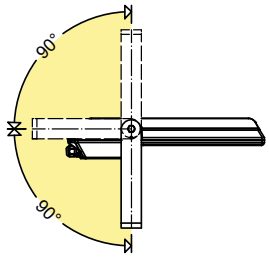
Design:
Housing: Die-cast aluminium, 2-parts, powder coated DB 702 (mica-iron paint, grey).
Upper part: With LED- and optic-modules
Lower part: With electronic ballast, glass cover, cable entry with cable relief, retractable.
Glass: Flat safety glass pane, resistant to temperature changes, impact resistant IK10. Additionally, one easy replaceable polycarbonate protective cover in a stainless steel frame in front of the glass pane, silicone gasket.
Light distribution: Narrow-wide
Connection: 3-pole terminal, max. clamping range 2,5 mm².
Cable entry: 2 cable entries M20 x 1.5 (1 cable gland and 1 screw plug).
Mounting: Mounting bracket, swivel range 180°, with 3 drillings for wall- or ceiling mounting.

Electrical design:
LED module: 4,000 K, R_a > 80, service life L_{95} > 100,000 h at max. ambient temperature, Zhaga compliant
ECG: 220-240 V, 50/60 Hz, Surge voltage resistance 10 kV, excess temperature protection, overload and short circuit protection.
Ambient temperature: -40 °C up to +40 °C

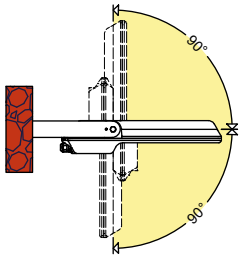
Series 7700... SSK

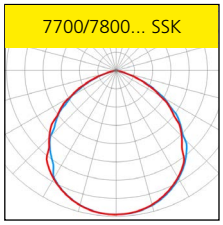


Swivel range



Standard Mounting





Options:
– narrow wide beam
– narrow beam
– FastConnect (**FC**), quick-connector
– special painting in RAL colours
– dimming function via DALI-2 interface, compatible with LIMAS Line wired Light Management System (**DIMD**)
– power reduction with control phase (**LR**)
– constant luminous flux function (**CL**)

Product highlights:
- **long-lasting, corrosion-resistant** die-cast aluminium housing
- **Reliable protection of the safety glass** against damage and „blindness" due to blasting material ('PC wear cover')
- **optimized thermal management** due to direct adaption of the LED-modules to the die-cast aluminium housing, large cooling surface, excellent heat dissipation
- **homogeneous illumination** due to the **Multi-Layer-Technology**
- **comfortable maintenance due to removable lower part of the housing,** large opening allows easy access to the terminal box and the electrical components
- 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

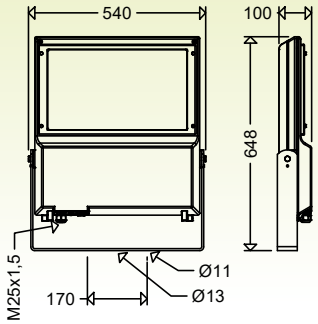
Article no.	Type	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Weight [ca. kg] (without packaging)
7700... SSK					IP66
77005 0001	**7700 L100 SSK**	70	10.000	143	10,0
77005 0002	**7700 L150 SSK**	106	14.600	138	10,4
77005 0003	**7700 L210 SSK**	140	19.200	137	10,5

! 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.

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

Series 7800... SSK

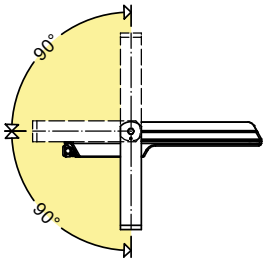


7800... SSK

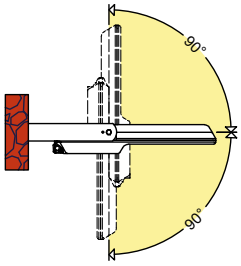
IP66

78005 0001	**7800 L420 SSK**	280	37.800	135	18,0

Swivel range



Standard Mounting





Accessories / Spare Parts

Article no.	Type	
78001 9003	**ABD 7700 SSK PC**	cover, disc PC clear SSK, for 7700... SSK
78001 9002	**ABD 7700 ESGW**	cover, clear safety glass pane, for 7700...
78001 9004	**ABD 7800 SSK PC**	cover, clear PC pane SSK, for 7800... SSK
78001 9001	**ABD 7800 ESGW**	cover, clear safety glass pane, for 7800...
90313 0001	**KV M20 BK**	plastic cable gland M20 x 1,5 black for 7700
90313 0005	**VSR M20 BK**	plastic plug M20 x 1,5 black for 7700
90313 0002	**KV M25 BK**	plastic cable gland M25 x 1,5 black for 7800
90313 0006	**VSR M25 BK**	plastic plug M25 x 1,5 black for 7800