



Now more efficient and more powerful!



FOCO L LED Floodlight Series 7700...

Application:

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

Design:

Housing: Die-cast aluminium, 2-parts, powder coated DB702N (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, silicone gasket.

Light distribution: Narrow-wide (TB) or narrow beam (T).

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 respectively for direct pole mounting in addition with pipe clamps **ROB 60/76** (see accessories).

Electrical design:

LED module: Zhaga compliant, 4,000K, $R_a > 70$, lifetime $L_{90} > 100,000h$

ECG: 220-240V, 50-60Hz, Surge voltage resistance 10kV, overload and short circuit protection.

Note: Due to the inrush current of the electronic ballasts, the maximum permissible number of light fittings per circuit breaker is limited.

Options:

On request also available with the following configurations (please mention in your enquiry or order):

Output reduction:

With control phase (LR): For reducing the luminous flux to 50% at times of low traffic density. Control phase (LST) required. Switching via control phase (LST = 230V: 100%; LST = 0V: 50%). Alternative dimming levels possible.

Without control phase (LA): Autonomic dimming by integrated timer.

Reduced operation 50% between 22:00 and 4:00h CET or 23.00 and 5.00h CEST, also available with deviating times and with alternative dimming step.

DALI interface (DIMD)

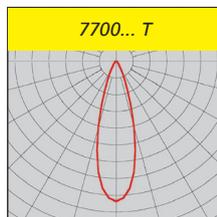
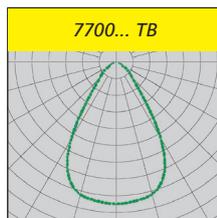
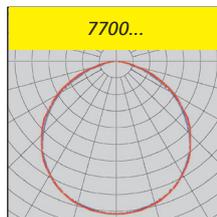
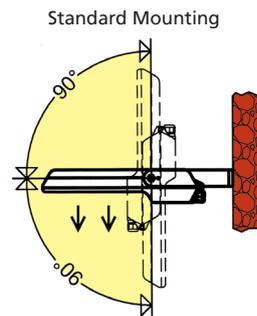
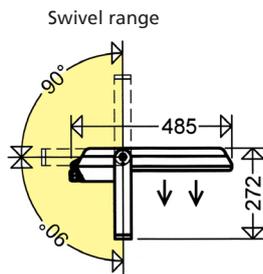
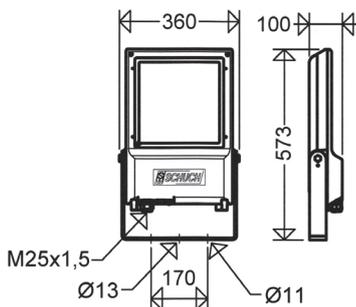
1-10V (DIMA)

Constant luminous flux function (CL): Luminous flux is kept on a constant level over the entire lifetime of the LED-modules.

Also, combinations of the functions are possible (CL LR / CL LA).

Further Options:

- 3,000K, light colour **730** (ca. 8% lower luminous flux)
- 1,800K, light colour **518** „Amber“ (ca. 34% lower luminous flux)
- extremely narrow beam (TX)
- high protection (HR) against corrosive atmospheres or harmful gases
- seawater-resistant version (SWP)
- for connection to group or central battery systems (ZB)
- special painting in all RAL colours



Schuch Quality – your advantage:

- ECG with surge voltage resistance, reliable due to **overload and short circuit protection**
- **optimized thermal management** due to direct adaption of the LED-modules to the die-cast aluminium housing, large cooling surface, excellent heat dissipation
- **optimal light distribution** due to highly efficient optics
- **homogeneous illumination** due to the Multi-Layer-Technology i.e. every individual LED illuminates the whole surface, the light curves of the individual LEDs are overlapping.
- **comfortable maintenance** due to **removable lower part of the housing**, large opening allows easy access to the terminal box and the electrical components, ECG replaceable on-site
- **future proof** by using standardized LED-modules (Zhaga)

Notes:

Properties, limitations and details for controlling LED-light fittings: See „Technical Supplement“.

All technical data is relevant at the time of print. Actual technical data can be found in the internet under www.schuch.de.

Article no.	Type	narrow-wide beam	narrow-beam	Energy efficiency class	Weight [ca. kg] (without packaging)	Power / consumption W *	Luminous flux [lm] *	Luminous efficacy [lm/W]
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7700 ...



77000 0006	7700 3203			A++	9,2	70	9.630	138
77000 0010	7700 3203TB	•		A++	9,2			
77000 0014	7700 3203T		•	A++	9,2			
77000 0007	7700 4803			A++	9,6	106	14.410	136
77000 0011	7700 4803TB	•		A++	9,6			
77000 0015	7700 4803T		•	A++	9,6			
77000 0008	7700 6403			A++	9,6	140	19.030	136
77000 0012	7700 6403TB	•		A++	9,6			
77000 0016	7700 6403T		•	A++	9,6			

* see notes

! Also available with output reduction (LR) and constant luminous flux function (CL) or combinations of the functions (CL LR / CL LA)



Outdoor
Light Fittings

Accessories / Spare Parts

Article no.	Type	
78001 9002	7700/010	spare safety glas
90270 0005	ROB 60/76	pipe clamp for direct pole mounting or on multiple post top adapters
90120 9011	2530	plastic cable gland M20 x 1,5 black
90121 9008	2600	plastic plug M20 x 1,5 black