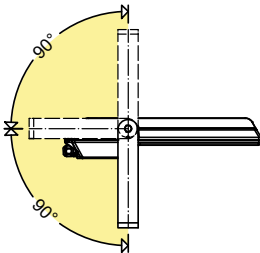
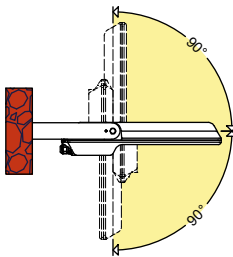


Swivel range



Standard Mounting



FOCO L LED Floodlight / Plane Surface Floodlight Series 7700...

Applications:

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

Design:

Housing: Die-cast aluminium, 2-parts, powder coated DB 702 (mica-iron paint, grey).

Upper part: With LED- and optics-modules

Lower part: With electronic ballast, glass cover, cable entry with cable relief and pressure compensation system, retractable.

Glass: Flat safety glass pane, resistant to

temperature changes, impact resistant IK10, silicone gasket.

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

Connection: 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 or for direct pole mounting in conjunction with pipe clamps **ROB 60/76 G2** (see accessories).

Electrical design:

LED module: 4,000K or 3,000K, $R_a > 70$, service life $L_{90} > 100,000h$, Zhaga compliant

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

Light control:

On request, the luminaires are also available with the following configurations:

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.

Output reduction without control phase (LA): Autarkic dimming. 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 steps.

Digital dimming with DALI interface (DIMD)

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

Ambient temperature: -40°C up to +40°C

Options:

- 2,200K, light colour 722

(approx. 15% lower luminous flux)

- 1,800K, light colour 518 „Amber“

(approx. 45% lower luminous flux)

- adaptive Light EcoTune (ET)

- protection class II (SKII)

- asymmetrical wide beam (AB-optics)

- low glare optics (ABL)

- 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) or emergency lighting networks respectively

- additional overvoltage protection (OP) in SKI

- inrush current limiter (ESSB)

- extended Swivel range (ESB)

- cable looping at 1 small side (RR)

- vibration-resistant design (RF)

- with variable setting of the luminous flux via app (VARIO NFC)

- special painting in RAL colours (SL)

Product highlights:

- 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
- eco-friendly, no light emission into the upper half-space, $ULOR=0$ (Plane surface floodlight)
- all versions dimmable to 10% with color temperature up to max. 3,000K fulfill the Dark Sky requirements
- sustainable, control gear and LED-module replaceable by qualified personnel on-site
- future proof by using standardized LED-modules (Zhaga)
- 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.

Article No.	Type	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Weight [kg] (without packing material)
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7700 ...

Floodlight / Plane Surface Floodlight colour temperature 4.000K (light colour 740)

All light fittings also available with connected cable (H07RN-F or NYM) in the required length.

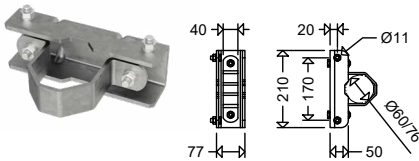
77000 006	7700 3203	70	11.360	162	9,5
77000 0010	7700 3203TB				
77000 0014	7700 3203T				
77000 0002	7700 3203A				
77000 0007	7700 4803	106	16.790	158	9,7
77000 0011	7700 4803TB				
77000 0015	7700 4803T				
77000 0003	7700 4803A				
77000 0008	7700 6403	140	21.940	157	9,7
77000 0012	7700 6403TB				
77000 0016	7700 6403T				
77000 0004	7700 6403A				

colour temperature 3.000K (light colour 730)

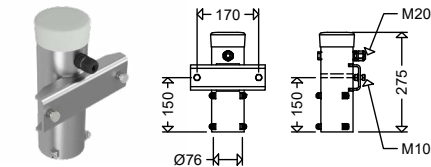
77000 0198	7700 3203 730	70	10.790	154	9,5
77000 0199	7700 3203TB 730				
77000 0201	7700 3203T 730				
77000 0055	7700 3203A 730				
77000 0202	7700 4803 730	106	15.950	150	9,7
77000 0203	7700 4803TB 730				
77000 0157	7700 4803T 730				
77000 0058	7700 4803A 730				
77000 0099	7700 6403 730	140	20.840	149	9,7
77000 0116	7700 6403TB 730				
77000 0204	7700 6403T 730				
77000 0096	7700 6403A 730				

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

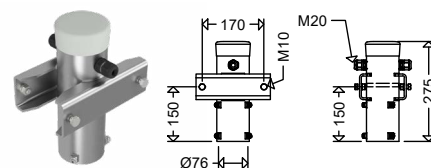
Pipe clamp fastening: ROB 60/76 G2



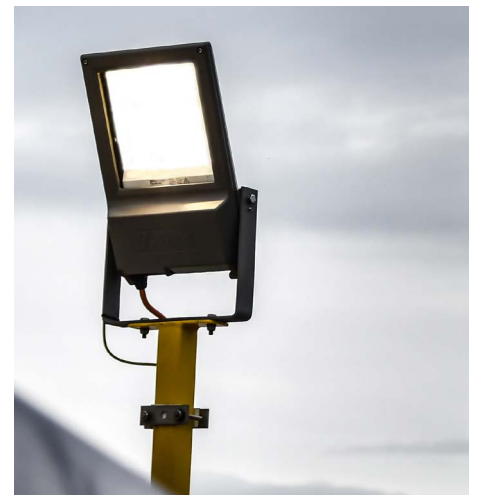
Single mounting: MAU 1 76/170 M10



Double mounting: MAU 2 76/170 M10



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



Accessories / Spare Parts

Article no.	Type	
78001 9002	ABD 7700	cover, pane safety glas clear, for 7700...
75739 9001	MAU 1 76/170 M10	Pole top for single mounting, Ø 76 mm, galvanised steel
75739 9002	MAU 2 76/170 M10	Pole top for double mounting, Ø 76 mm, galvanised steel
90270 0006	ROB 60/76 G2	pipe clamp for direct pole mounting or on multiple post top adapters; galvanised steel
90120 9011	2530	plastic cable gland M20 x 1,5 black
75350 0034	SD 7700 ST	vibration absorbing suspension device for series 7700, galvanised steel