

Small High Impact Resistant Dust-/Waterproof LED-Light Fittings with Diffusers Series 130... / 131... G2

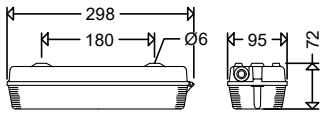
Applications:
Humid, wet and dusty interior areas, corridors, staircases, under canopies and balconies, walkable low temperature cabins, restaurants, supermarkets, hotels, areas which are difficult to access etc. (For damp and cold ambient conditions with low duty cycles and in the case of aggressive atmosphere, please contact us)

Design:
Housing: Polycarbonate, white, silicone gasket.
Diffuser: Polycarbonate frosted, at one side with multiple hinge for suspending and unhinging the diffuser, captive stainless steel screw on the other side for closing the fitting.
Reflector: Aluminium painted, with LED and all electrical components, ready wired for installation.
Connection: Via 3-pole terminal.
Cable entry:
Series 130...: 1 grommet M20 at the locking side.
Series 131... G2: 1 grommet M20 at each front side.
Mounting: 2 borings serve for direct ceiling mounting. Sealing and pressure disks included.

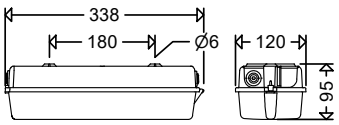
Technical data:
LED: Highpower LED, 4,000 K, CRI > 80, service life L_{90} > 50,000 h and L_{80} > 100,000 h at max. ambient temperature
ECG: 220-240 V, 50/60 Hz, overload and short circuit protection.
Ambient temperature: -20 °C up to +40 °C

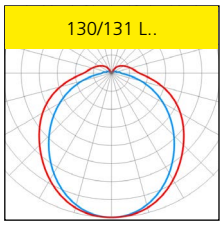
Options:
– coloured LEDs, for signal applications
– cable looping at 1 small side (**131... G2**)
– rear cable entry
– for connection to 24 V DC-supply (**24 V DC**), Type … L07
– for higher ambient temperatures (**H..**)
– for wide temperature ranges (**T40 H..**)

Series 130...



Series 131... G2

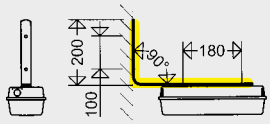




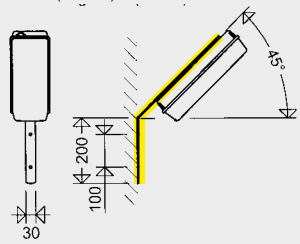
Product highlights:

- **robust, impact resistant compact light fitting** entirely made from PC
- ideal for small spacing
- **homogeneous illumination by using frosted diffusers** comfortable perception of light
- **best suitable in the food industry and in the food processing industry especially in risky areas falling under the IFS standards (International Featured Standard Food)**
- 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

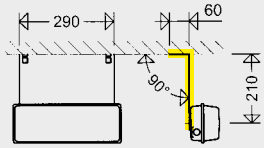
Wall bracket 90 ° (WA90)



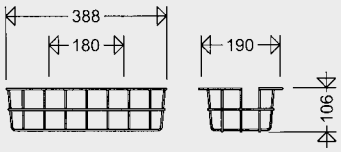
Wall bracket 45 ° (WA45)



Ceiling bracket (DA)



Wire guard 130/131...



Article no.	Type	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Substitute for *	Weight [kg] without packing material
130... / 131... G2					IP65	
13003 0051	**130 L07**	5	660	132	1 x 11W	0,4
NEW 13101 0062	**131 L07G2**	5	650	130	1 x 11W	0,5
13101 0064	**131 L13G2**	10	1.300	130	2 x 11W	0,5

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

Accessories / Spare Parts

Article no.	Type	
13011 9007	**ABD 130 F**	cover, frosted PC diffuser, for 130...
13111 9006	**ABD 131 F**	cover, frosted PC diffuser, for 131...
NEW 13111 9007	**ABD 131 F G2**	cover, frosted PC diffuser, for 131... G2
90062 9000	**2510**	spare-grommet, M16 (for 130...)
90063 9000	**2511**	spare-grommet, M20 (for 131...)
25610 9000	**2561**	plastic cable gland, M20 x 1,5 (for 131...)
90004 0009	**SK 130/131/132**	Wire guard thick layer passivated
90232 0012	**WA 45 ALU**	wall bracket 45°
90232 0013	**WA 90 ALU**	wall bracket 90°
90232 0004	**DA**	ceiling bracket

! 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.