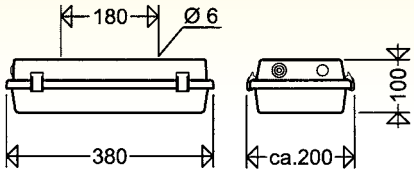


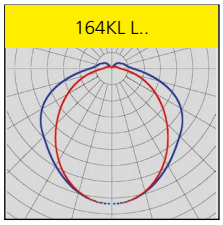
Compact Dustproof/Waterproof LED-Light Fitting Series 164KL... G2

Applications:
Humid, wet and dusty interior areas, walkable low temperature cabins, restaurants, supermarkets, hotels etc., above doors, entrances and exits, roofed outdoor areas etc.
(For damp and cold ambient conditions with low duty cycles and in the case of aggressive atmosphere, please contact us)

Design:
Housing: Glass fibre reinforced polyester, foamed silicone gasket.
Diffuser: PMMA frosted for glare limitation.
Clips: Single-piece plastic clips (**KK**).
Reflector: Aluminium painted, detachable, carrying the electrical components.
Connection terminal: 3 poles
Cable entries: Variable, at the ends and top of the housing, 2 plugs M20.
Mounting system: 2 holes for ceiling mounting. Sealing and pressure disks are supplied inside the fitting.



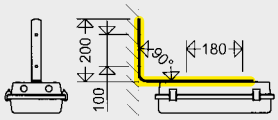
Technical data:
LED: Linear modules, 4,000 K, CRI > 80, service life L_{90} > 50,000 h and L_{80} > 100,000 h at max. ambient temperature
ECG: 220-240 V, 50/60 Hz, overload and short circuit protection.
Ambient temperature: -20 °C up to +30 °C



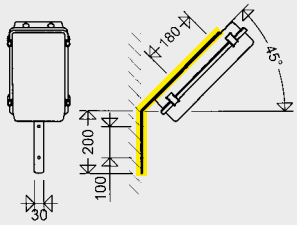
Options:
– 2,200 K, 2,700 K, 3.000 K, 5,000 K, 6,500 K; light colours (**822, 827, 830, 850, 865**)
– 1,800 K; light colour (**518**), amber for insect-conscious lighting in outdoor areas etc.
– coloured LEDs, for signal applications
– cable looping at 1 small side
– rear cable entry
– for connection to 24 V DC-supply (**24 V DC**), Type … L08G2
– stainless steel clips (**KE**)
– for higher ambient temperatures (**H..**)
– for wide temperature ranges (**T40 H..**)
– for outdoor areas (**AUS**)

Product highlights:
- quality luminaire with above-average mechanical strength
- **homogeneous illumination by using frosted diffusers**, comfortable perception of light and brilliant glare limitation
- 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

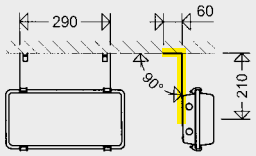
Wall bracket 45 ° (WA45)



Wall bracket 90 ° (WA90)



Ceiling bracket (DA)



Article no.	Type	Connected load [W]	Luminous flux [lm]	Luminous efficacy [lm/W]	Substitute for *	Weight [kg] without packing material
164KL...					IP65	
16407 0032	**164KL L08G2**	5	680	136	1 x 11W	1,0
16407 0034	**164KL L15G2**	10	1.350	135	1 x 24W	1,0

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

Accessories / Spare Parts

Article no.	Type	
Spare glasses PMMA frosted		
16413 9007	**ABD 164KL F G2**	cover, frosted PMMA diffuser, for 164KL... G2
Cable entries		
90063 9000	**2511**	blanking plug M20
25610 9000	**2561**	plastic cable gland M20 x 1,5
25600 9000	**2560**	plastic cable gland M25 x 1,5
Mounting brackets		
90232 0012	**WA 45 ALU**	wall bracket 45°
90232 0013	**WA 90 ALU**	wall bracket 90°
90232 0004	**DA**	1 pair of ceiling/wall bracket 90 °
Fasteners		
90123 9003	**163 KK VE08**	plastic (packing unit 8)
90123 9002	**163 KE VE08**	stainless steel (packing unit 8)

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.