

Dustproof/Waterproof Light Fitting with Diffuser Series 164 ...

Application:

In humid, wet and dusty interior areas of industrial and agricultural premises, for car parks, basements...

Aggressive atmospheres: Please consult us.

Design:

Housing: Glass fibre reinforced polyester resin, foamed polyurethane gasket.

Diffuser: Stippled clear PMMA, modified for higher impact resistance or polycarbonate (PC).

Fasteners: External plastic clips (KK).

Reflector: Removable white sheet steel, complete with electronic components.

Rotary fasteners for quick assembly.

Electrical connection: 3-pole terminal block.

Cable entries: Variable, closed knock-outs on the short and long sides, and on the top, 2 blanking plugs M20. Cable looping in/out at one end (see grey box).

Mounting system: 2 holes for ceiling mounting. Sealing and pressure disks are supplied inside the fitting.

Options:

– polycarbonate diffuser (PC)

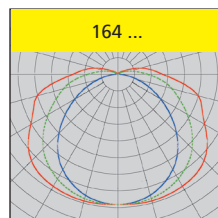
– stainless steel fasteners (KE)

– PVC or silicone through wiring system up to max. 7 x 2.5mm² or 5 x 4mm²

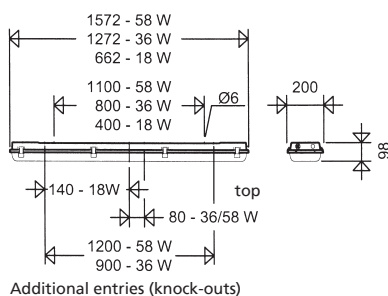
– cable entries M25 x 1.5

– for applications in food industry areas (IF5)

– for connection to central battery systems (ZB)



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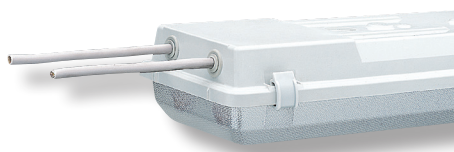


Product highlights:

- quality Dustproof/Waterproof light fitting with higher than average mechanical strength and chemical resistance
 - robust glass fibre reinforced polyester enclosure
 - robust, modified PMMA diffuser (alternatively PC) with thicker walls
 - reliable and infallible sealing, due to polyurethane gasket situated inside a deep groove
- easy to install and maintain
 - fast dismantling and assembly of the reflector using rotary fasteners on moulded-in studs
 - large terminal compartment for up to 7 x 2.5mm² or 5 x 4mm² terminals
 - problem-free, single-handed installation (2-point suspension)
 - easily adaptable to all local structural conditions due to the variable cable entries on the short and long sides, as well as the top
 - quick and economic single-ended IN-OUT wiring instead of the classic through wiring for strip lighting

Article no.	Type	Lamps W	Weight [kg] without packaging material
16400 0010	164218 EVG	2 x T26/18	2,2

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Standard design with cable entries for 3-pole single-ended IN-OUT wiring:

The variable cable entries make it possible to adapt for all local structural conditions and enables the use of single-ended IN-OUT wiring instead of the classic through wiring. All entries are knock-out.

Aluminium narrow beam mirror reflector for retrofitting into standard light fitting

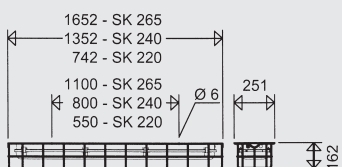
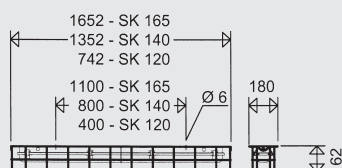
ST 163



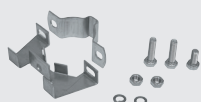
ST 164



Protective guard



Pipe clamp R1 1 1/2" - Ø 48,3mm
R2" - Ø 60,3mm



Ceiling bracket 183 DS



Note:

Light-band rails and through wiring see end of chapter "Dustproof/Waterproof lighting"

Accessories / Spare Parts

Article no.	Type		Article no.	Type	
Spare diffuser PMMA			Spare diffuser polycarbonate (PC)		
16311 9000	163018		16311 9003	163018 PC	
16311 9001	163036		16311 9005	163058 PC	
16311 9002	163058				
16411 9000	164018		16411 9003	164018 PC	
16411 9001	164036		16411 9004	164036 PC	
16411 9002	164058		16411 9005	164058 PC	
Fasteners					
90123 9003	163 KK VE08	plastic (packing unit 8)			
90123 9002	163 KE VE08	stainless steel (packing unit 8)			
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			
Lamp holders					
from manufacturing date 2008 (focal point 30mm)					
90124 9003	164/1/30	without starter holder (cut-out 25.5 x 13.2)			
90125 9002	164/2/30	with starter holder (cut-out 25.5 x 13.2)			
... for T5					
90124 9002	163/1 T5				
. for 163/164... LW (with corrosion protected metal parts)					
90124 9005	164/1/30 LW	without starter holder (cut-out 25.5 x 13.2)			
90125 9005	164/2/30 LW	with starter holder (cut-out 25.5 x 13.2)			
Aluminium narrow beam mirror reflector for retrofitting into standard light fitting (not for T5)					
16412 0001	ST 164/36	for 164 236 and 164 228/54			
16412 0002	ST 164/58	for 164 258, 164 235/49 and 164 280/2E			
Protective guard, powder coated					
90004 0001	SK 120	for 163 x 18/14/24 W			
90004 0002	SK 140	for 163 x 36/28/54 W			
90004 0003	SK 165	for 163 x 58/35/49/80 W			
90004 0004	SK 220	for 164 x 18/14/24 W			
90004 0005	SK 240	for 164 x 36/28/54 W			
90004 0006	SK 265	for 164 x 58/35/49/80 W			
Pipe clamp					
90245 0003	163 RO 112A P	1 1/2", stainless steel, without retaining bracket (pair)			
90245 0004	163 RO 2A P	2", stainless steel, without retaining bracket (pair)			
90245 0005	164 RO 112A P	1 1/2", stainless steel, with support (pair) for 164...			
90245 0006	164 RO 2A P	2", stainless steel, with support (pair) for 164...			
Attention: Observe the fixing distance when mounting on boom with pipe clamps (boom length!)					
Accessories for ceiling mounting					
90049 0002	183 S	swing hook for chain suspension			
90095 0001	183 DS	stainless steel bracket, with screw M5			