

## METOLIGHT® LED-TriProof Luminaire Series DAL-SL-IP65

The METOLIGHT® LED bath luminaires DAL-SL-IP65 are designed for use in damp rooms, cellars, garages, car washes, but also in cold stores and freezers. The housing is made of impact-resistant polycarbonate and corresponds to classes IP65 / IK08. The semi-transparent prismatic diffuser made of polycarbonate distributes the light over approx. 160°. The aluminum core circuit board is equipped with high-performance SMD LEDs of the brand LG 2835. The integrated power supply from OSRAM is designed for input voltages between 220 - 240 V AC 50/60 Hz for long-lasting, low-maintenance operation up to approx. 30,000 hours (L70B50)

The matt diffuser contains the LED circuit board and is connected directly to the tub support without additional clamps, watertight sealed by a circumferential seal. This protects the LEDs from accidental contact, and it also simplifies assembly: The tub housing with the integrated power supply (optionally with motion detector and / or emergency light function) is attached to the ceiling or wall using the supplied mounting clips, and the power supply line to the outside accessible terminal connected, then the cable is secured using the supplied IP65 cable gland. The diffuser is wired through, so it has quick contacts accessible from both sides, which significantly shortens the installation time.

Optionally, this lamp can also be supplied with an emergency module for 3 hours of emergency lighting, as well as with 0-10 V or DALI-dimmable power pack or with an integrated, adjustable motion sensor. This LED light does not emit UV light. Plastic therefore does not become brittle, insects are not attracted by the light.

The DAL-SL-IP65 series is available in the lengths 60 cm (24 W), 120 cm (36W) and 150 cm (50W) in the light colors 3000K, 4000K (standard), 6000K, CRI Ra> 80. The efficiency of the LEDs is 120 lm / W. Other light colors and a clear PMMA cover are available on request.

### Areas of application:

General Lighting in damp rooms, protected outdoor areas, cold rooms, freezer rooms, kitchens, parking garages, underpasses etc

### Details:

Connect terminall

View inside



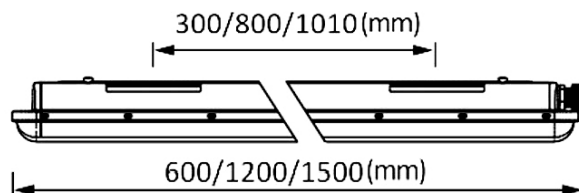
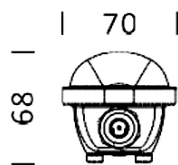
### METOLIGHT®

Feuchtraumleuchte DAL-SL  
230 VAC  
60 cm / 120 cm / 150 cm  
24 W / 36 W / 50 W  
durchkontaktiert  
3000K / 4000K / 6000K



ASMETEC  
[www.asmetec-shop.de](http://www.asmetec-shop.de)

## Sizes:



## Application example:



## Technical Data:

	<b>DAL-SL-IP65-060</b>	<b>DAL-SL-IP65-120</b>	<b>DAL-SL-IP65-150</b>
Replaces CFL	2 x 18 W	2 x 36 W	2 x 58 W
Sizes	60 x 7 x 7 cm	120 x 7 x 7 cm	150 x 7 x 7 cm
Weight	0,85 kg	1,40 kg	1,70 kg
Input Voltage	Typ. 220 - 240 VAC / 50/60 Hz		
Power factor	Pf > 0,90		
Input Power	23 Watt	36 Watt	50 Watt
Lightpower (6000K)	2800 lm (2400 lm)	4300 lm (3700 lm)	6000 lm (5600 lm)
Light colour	2700-3300K / 3800 – 4200K / 5500 – 6300K		
LED-Type	LG 2835 – 120 lm/W		
CRI	CRI Ra > 80		
Beam angle	< 160°		
Environment	-15 ~ + 35°C, 10 ~ 90%rH		
IP-Class	IP 65		
IK-Class	IK 08		
Hot Wire	850°C		
Housing	Polycarbonat, grau RAL 7035		
Mounting clip	Stainless steel		
Test reports	LM70-08 / LM80-08		
Lifetime	bis zu 30.000 Stunden – L70B50		
Driver	OSRAM constant current 55-120 VDC – 350 mA		
Certifikates	CE, RoHS, ENEC		
Optional	0-10V – DALI-Dimming, 3h emergency power, motion sensor		

### Hinweise



Do not use with dimmers or actors  
 Do not use under water  
 Installation only when power line is powered off, only by electrician  
 Not resistant to alcalic cleaners or solvents  
 Do not use in alcalic environment  
 Do not use in exproof areas  
 IES-Data upon request

The above statements are based on our present knowledge. Our statements should not be interpreted as a guarantee of characteristics. The use of our products by our customers is subject to different conditions, therefore none of our customers are relieved of the responsibility of testing our products by themselves. A liability for consequential damage will not be accepted in any case. For damage resulting from the use of this information we can only be held responsible if there is evidence of malice or negligence on our part. This data-sheet replaces any previous data sheets.

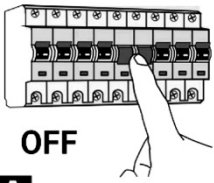
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LED-DAL-SL-IP65-DB-E.DOCX, VERSION SEP-21

## Easy installation:

Electrical installation may only be carried out by trained electricians, taking into account the current safety regulations for handling electricity.

**The mains installation may only be carried out on voltage-free supply lines!**



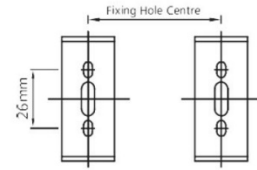
**OFF**

**A** Turn off the power.

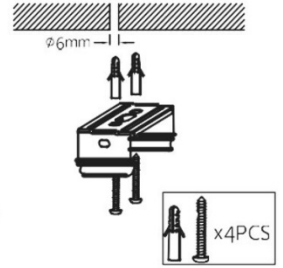
**B**

① Drill  $\varnothing$  6mm holes according to below drawing.

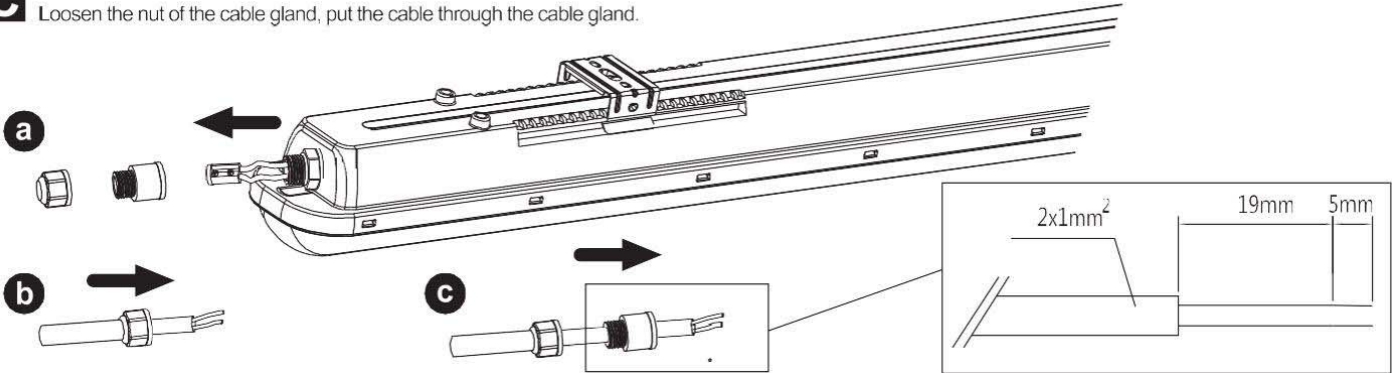
Model	Power	Fixing Hole Centre
SR05-15W-630	15W	300mm
SR05-24W-630	24W	
SR05-20W-1230	20W	800mm
SR05-36W-1230	36W	
SR05-30W-1530	30W	1010mm
SR05-50W-1530	50W	



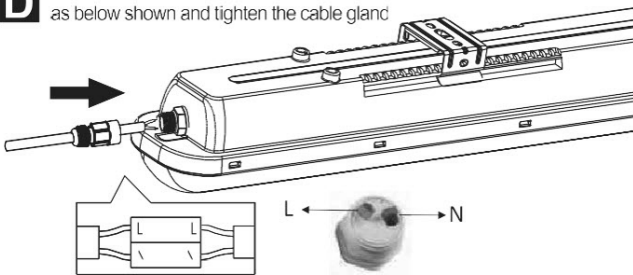
② Insert  $\varnothing$ 6mm expansion pipe in the wall, fix the mounting bracket by M4 screw.



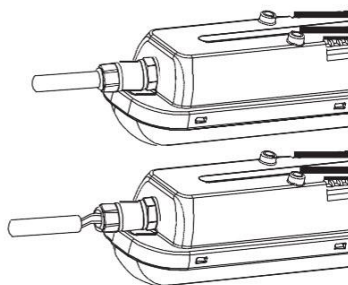
**C** Loosen the nut of the cable gland, put the cable through the cable gland.



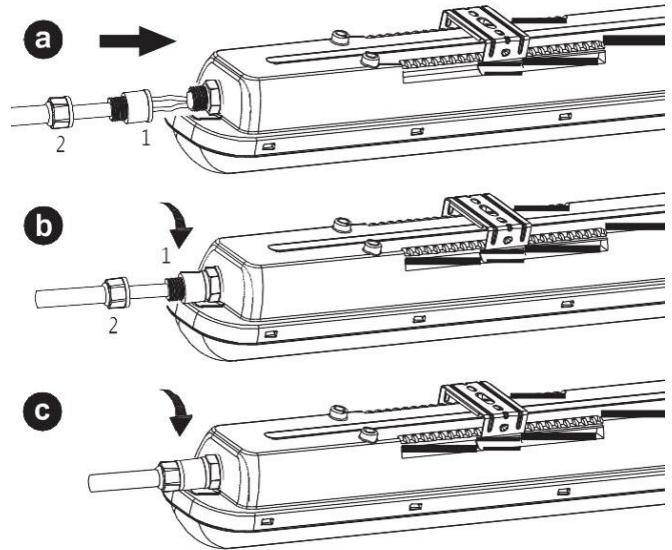
**D** Connect the cable on the terminal block as below shown and tighten the cable gland



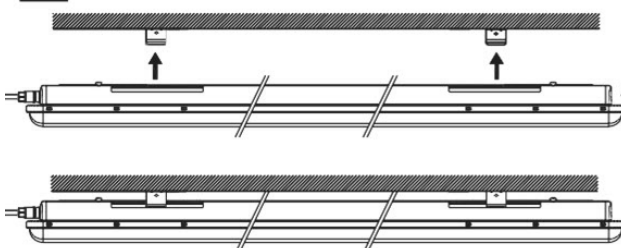
**F** Close the diffuser



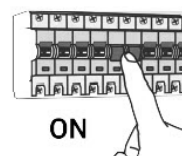
**E** Tighten the connector under instruction in turn



**F** Fix the lamp on the wall



**G** Turn on the power.



**ON**

This luminaire complies with EN 55015, 61000-3-2, 61000-3-3, 61000-4-2 bis 4-8, 61547, 60598-1, 60598-2, 62321.

