

Safety Notice
 The manufacturer is then discharged from liability when damage is caused by improper use or installation.
 If any luminaire and/or accessory is subsequently modified, the persons responsible for the modification shall be considered as manufacturer.



WE-EF LEUCHTEN

Installation and Maintenance Instructions for Surface mounted exterior downlights
DAS100 PM LED



WE-EF LEUCHTEN Germany
 Tel +49 5194 909 0
 info.germany@we-ef.com

WE-EF LIGHTING Thailand
 Tel +66 2 738 9610
 info.asiapacific@we-ef.com

WE-EF LIGHTING Australia
 Tel +61 3 8587 0444
 info.australia@we-ef.com

WE-EF LUMIERE France
 Tel +33 4 74 99 14 44
 info.france@we-ef.com

WE-EF LIGHTING USA
 Tel +1 724 742 0030
 info.usa@we-ef.com

WE-EF HELVETICA Switzerland
 Tel +41 22 752 49 94
 info.switzerland@we-ef.com

DAS100 PM_LED_141021 / 006-1688
 Technical specifications are subject to change.
 © WE-EF 2021

we-ef.com

Surface Mounted Exterior Downlights

IP66, IK07

DAS110-PM	DAS120-PM	DAS140-PM												
		<table border="1"> <tr> <td>L_S*</td> <td>500</td> <td>500</td> <td>500</td> </tr> <tr> <td>L_L**</td> <td>190</td> <td>250</td> <td>300</td> </tr> <tr> <td>L_{GES} = L_S + L_L</td> <td>700**</td> <td>750</td> <td>800</td> </tr> </table> <p>*L_S is variable: in 100 mm steps ↓↑; L_S min. = 500 mm, L_S max. = 1500 mm ** Tolerance +/- 10 mm</p>	L _S *	500	500	500	L _L **	190	250	300	L _{GES} = L _S + L _L	700**	750	800
L _S *	500	500	500											
L _L **	190	250	300											
L _{GES} = L _S + L _L	700**	750	800											

Installation

The product must be installed and maintained by a suitably qualified professional in compliance with latest building/ construction and/or electrical regulations and relevant legislation.

Maintenance

Apart from cleaning the product's exterior surfaces, no special maintenance work is required. Do not use high-pressure cleaners.

Protect our environment: Discard used LEDs in compliance with the most recent environmental legislation.

Notice: If the luminaire is modified by anybody other than the original manufacturer, then the warranty will no longer be valid and shall become the full responsibility of the modifying person/ organisation. Claims based on defects attributable to improper installation and/or application, and the consequences thereof, are excluded.

In case of component failure, LED replacement due to abnormal circumstances or at end of life, replacement must be carried out by a suitably qualified and trained professional.

In case of questions please contact our technical hotline: +61 458 933 399 (from Monday - Friday from 07.00 until 19.00 hours).

Tools required

- Screwdriver with 3.0 mm x 0.8 mm blade
- Torx key TX15 / TX20
- Open-ended spanner 21 mm
- 3 mm Allen key

Light source

DAS110-PM.....	6 LED 12W*
DAS120-PM.....	12 LED 24W*
DAS140-PM.....	24 LED 48W*

* Nominal power, for latest data refer to www.we-ef.com

Class I, ta = 25°C

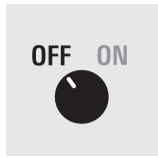
Weight

DAS110-PM, H190.....	2,3 kg
DAS110-PM, H250.....	2,6 kg
DAS110-PM, H300.....	2,9 kg
DAS120-PM, H190.....	2,9 kg
DAS120-PM, H250.....	3,2 kg
DAS120-PM, H300.....	3,5 kg
DAS140-PM, H190.....	6,0 kg
DAS140-PM, H250.....	6,5 kg
DAS140-PM, H300.....	7,0 kg

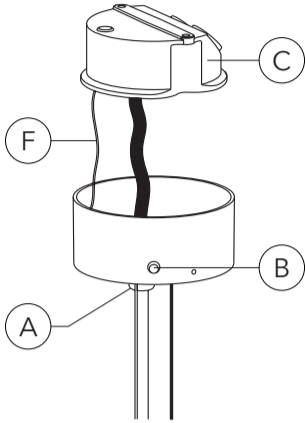


Installation Procedure

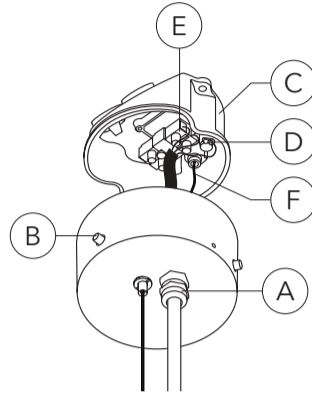
1) Switch off the mains electrical supply. ⚡



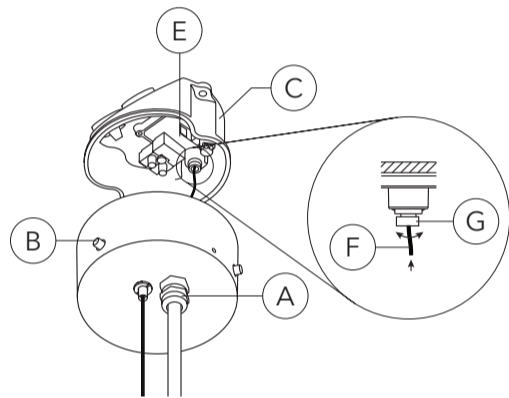
2) Loosen threaded pins **B** and pull ceiling mount section **C** upwards.



3) Disconnect earth cable **D** and terminal **E**.

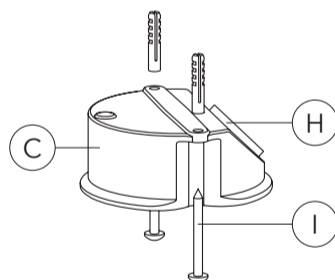


4) Detach lanyard **F** by loosening safety wheel **G**, push it up and pull lanyard out. Put the luminaire aside.




5) Prepare the mounting surface, guide connection line(s) through cable bushing(s) **H** and fixing ceiling mount section **C** to ceiling with screws **I**.

ATTENTION: Ensure not to damage any electric cable, water pipe or other devices while drilling holes.



6) Check that rating shown on luminaire label conforms with mains electrical supply.

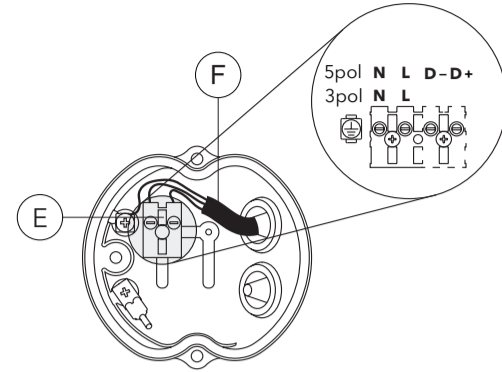
(example)

we-ef 12/18 IP66 
DAS100-PM-LED 220-240V / 50-60 Hz
 131-XXXX → SOE XXXXXXXX
 LED 3000K 18W item no. XXX

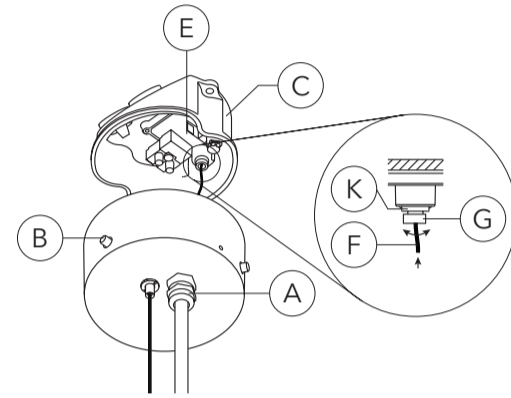
7) Connect the power supply line(s) to the corresponding positions on terminal **E**.

a) **ON / OFF** (L = phase, ⊕ protective conductor, N = Neutral conductor)

b) **1-10V / DALI** (L = phase, N = neutral conductor, ⊕ = protective conductor, DA / DA = DALI control line, D- / D+ = 1.10V control line)

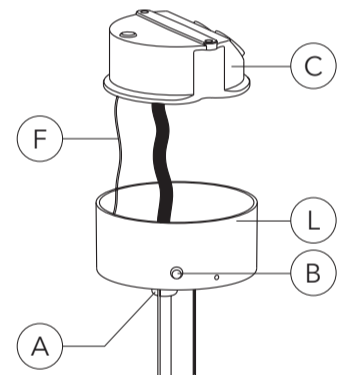
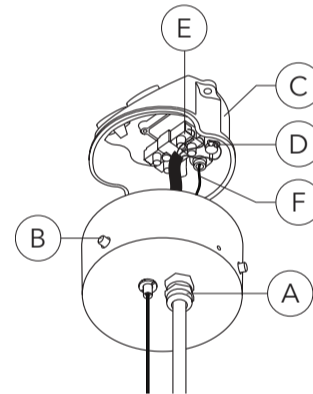


8) Attach lanyard **F** again by inserting lanyard **F** into wire rope holder **K** and turn safety wheel **G** firmly.



9) Fix on earth cable **D** and terminal **E**.

10) Place cover with luminaire **L** on ceiling mount section **C** and tighten threaded pins **B** firmly. (Note the mounting position!)



11) When using a diffusion lens IO-180, the light distribution must be observed during installation! (See image)

12) Loosen cable glands **A** only to adjust the height.

DAS110-PM
H190/H250/H300

