

technical data

power	1 x 9W	1 x 18W	2 x 18W	1 x 24W	2 x 24W
input voltage	220V - 240V 50/60Hz				
luminous flux [lm]	945	1900	3800	2520	5040
CCT [K]	4000				
operating temperature	-20 C° bis +40 C°				
beam angle [°]	120				
DF	≥0,5	≥0,7	≥0,9		
CRI	>80				
protection type	IP65				
protection class	II				

Dimensions	length [mm]	broad [mm]	height [mm]
1 x 9W	684	62	60
1 x 18W	1290	62	60
2 x 18W	1290	101	60
1 x 24W	1590	62	60
2 x 24W	1590	101	60



The crossed-out wheeled bin symbol above indicates that this device is subject to Directive 2012/19/EU. The symbol of a crossed-out wheeled bin indicates that you must not dispose of this device with normal household waste at the end of its useful life, but must hand it in at specially set up collection points, material depots or disposal companies. This disposal is free of charge for you. Protect the environment and dispose of it properly. The following applies to the German market: When you buy a new device, you have the right to return the corresponding old device to your retailer. Retailers of electrical and electronic equipment with a Sales area of at least 400 square meters and grocers with a sales area of at least 800 square meters who regularly sell electrical and electronic equipment, are also obliged to take back old devices free of charge, even without buying a new device, if the old devices are not larger than 25 cm in any dimension. You can also find out about local return options from your retailer. You can find out more supplementary take-back conditions from manufacturers and distributors from the respective customer service.



Class II symbol

This lamp has protective insulation

IP65

Luminaires with protection class IP65 are dustproof and safe to touch as well as against water jets protected from any direction and can therefore be used in the covered outdoor area and in such mentioned wet rooms, such as basement and garage can be used as desired.



Illuminant (light source) is replaceable for competent persons

Safety instructions:

1. Electrical installations may only be carried out by specialists under Compliance with safety regulations are carried out.
2. Turn off the power before beginning installation/uninstallation and secure against being switched on again.
3. This lamp is to be operated exclusively with LED tubes.
4. Observe and keep the assembly instructions.
5. Do not use damaged lights.
6. Do not hang anything on the lamp, do not cover the lamp.
7. The lamp is for horizontal and vertical wall and ceiling mounting Suitable for indoor use, damp rooms and protected outdoor areas.
8. The light is not for use in areas where there is a risk of explosion or fire areas suitable.
9. Protected against water jets and dust (IP65).
10. Only clean the lamp when it is switched off.
11. In the event of damage(s) of any kind, the mains connection must be switched off immediately.

General information:

1. Do not dispose of the lamp or illuminant with household waste.
2. The lamp is not dimmable.
3. All photometric data refer to the illuminant supplied.
4. This product contains light source(s) with energy efficiency class F.
5. Do not use aggressive cleaning agents.
6. Before disposing of the luminaire, the end user is obliged to Remove bulbs and dispose of properly.
7. This product including the LED tube(s) can be disposed of free of charge be returned to the manufacturer.

Delivery:

- 1x or 2x replaceable LED tube (depending on the version)
- 2x stainless steel bracket with 2 screws and dowels each
- 1x M16 x 1,5 screw connection
- 6x, 12x or 14x stainless steel locking bracket (depending on the version)
- 1x tub housing ABS grey
- Clear PC cover with prism
- Assembly instructions including safety instructions

Manual:

1. Please make sure the power is off before beginning the installation.
2. Before drilling, make sure there are no gas, water, power lines, or similar at the drilling site.
3. Mark the holes to be drilled. Tip: Clip the mounting plates onto the light and thus use the lamp as a marking aid for marking the drill holes.
4. Assembly only by competent persons. Be sure to pay attention to the texture of the wall as the fastening material provided is not suitable for all wall types. Inquire in the trade according to the screws and dowels suitable for the respective wall structure. For an improper wall-dowel connection and the resulting damage the manufacturer is not liable.
5. Open the top of the light and remove the tube(s).
6. Clip the lower part thus exposed into the attached mounting plates.
7. Insert the connection cable through the M16 screw connection and lock it.
8. Connect the wire to the terminal block. Pay attention to correct Polarity (Brown/Black = Phase "L"; Blue = Neutral "N"; Green/Yellow = Earth).
9. Insert the tube(s) and close the case.
10. Now you can apply voltage to the power connection again.

Disclaimer:

1. Misprints and changes to the product, packaging or we reserve the right to change the assembly instructions.
2. The manufacturer is not responsible for any damage caused by improper installation, operation, maintenance or the use of unsuitable tools. Use the supplied accessories for installation.
3. In the event of property damage or personal injury caused by improper handling or If the safety instructions are not observed, we assume no liability! In such cases the guarantee is void.

Warranty

<https://www.hwh-electronic.com/garantiebedingungen>