



Photo: Piscines Waterair

Ordinary lights go on the ceiling – AQUALED® goes wherever you like

LED recessed floor lights for inside and outdoors



SEE THE WORLD IN A NEW LIGHT

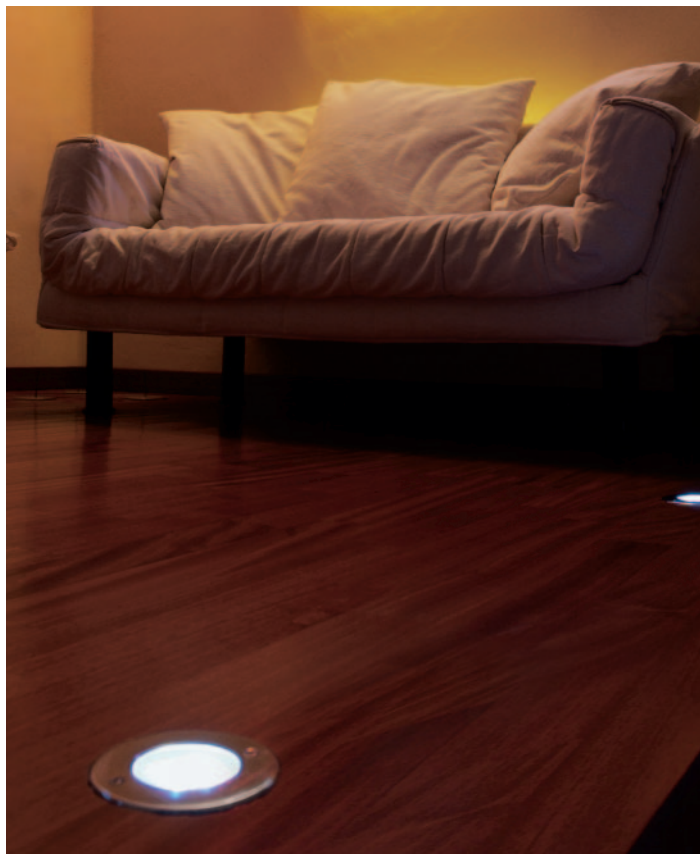
OSRAM



Tough, economical and watertight: AQUALED® recessed floor lights

AQUALED® from OSRAM – for people who want to show their surroundings in the best light. A recessed floor light system to meet the highest requirements. Ideal for living rooms and bathrooms, for marking out walkways, for gardens or swimming pools (for water depths of up to 3 m). AQUALED® recessed floor lights are not only tough and watertight, they are also very durable and economical. Why? Because the lighting system is

based on innovative LED technology. LEDs (Light Emitting Diodes) consume very little electricity and last a very long time. Apart from their technical credentials, AQUALED® recessed floor lights are impressive for their high-quality finish and aesthetic design. AQUALED® recessed floor lights are equipped with four LEDs in either white or blue. The mounting ring that holds the diffuser is available in chrome or granite look to match any decor or surroundings.

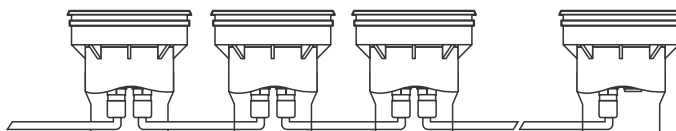


More than just a light

There are many reasons why you can expect more from AQUALED® recessed floor lights. For example, the extreme durability of the applied LEDs. And if you're looking for atmosphere, they meet the highest expectations: AQUALED® recessed floor lights provide a pleasant light to create a friendly mood. Plus, this type of light is also friendly on your wallet. AQUALED® recessed floor lights are particularly economical because they consume so little electricity.

But even that is not all. AQUALED® recessed floor lights can be connected in series via electronic control gear (ECG, see table). And they are tailor-made for outdoors. Because the lights are made from durable materials, they will operate without any problems outdoors, even if there are large fluctuations in temperature.

Series connection:



Installation instructions



Step 1
Insert the supply cable H05RN-F 2 x 1 mm² into the inner casing through the outer casing and the PG-7 cable penetration.



Step 2
Connect the supply cable to the terminals on the back of the LED module.



Step 3
Insert the LED module into the inner casing and screw in place.

Discover the versatility of AQUALED®

AQUALED® technology opens up a wide range of possible applications. Particularly when connected in series, AQUALED® recessed floor lights are ideal for decorative applications. Their soft, elegant light can be used with great effect to highlight architectural details.



But there are also many practical applications for AQUALED® recessed floor lights – such as marking out walkways in gardens or as night-time safety lighting for swimming pools. So you see, AQUALED® recessed floor lights feel at home almost everywhere.



Overview: The benefits of AQUALED®

AQUALED® recessed floor lights have a number of special features:

- With a 10 Volt ECG (such as OSRAM OPTOTRONIC® 6 W or 12 W) these recessed floor lights can be connected in series, keeping the consumption of electricity low.
- Each AQUALED® recessed floor light is equipped with four long-life OSRAM POWER TOPLEDs® in blue or white.
- The mounting rings for the AQUALED® recessed floor lights are available in either a chrome or granite look.
- The lights are watertight to IP 68 (for a depth of water of up to 3 m), so they can be used as submerged lights.
- If installed correctly, they can withstand loads of up to 1 000 kg, so they can be walked and driven over with no problem.
- AQUALED® recessed floor lights can be used in ambient temperatures between -20 °C and +50 °C.



Step 4
Screw the diffuser and mounting ring to the inner casing.



Step 5
Insert AQUALED® into the outer casing and screw the fixing ring to this casing.



Step 6
Once installed and connected to an ECG, the AQUALED® recessed floor light is ready for use.

Perfect finish, innovative design – AQUALED® from OSRAM



AQUALED® 4-BC SW/SIL
blue chrome



AQUALED® 4-BG SW/ALU
blue granite



AQUALED® 4-WC SW/SIL
white chrome











AQUALED® 4-WG SW/ALU
white granite

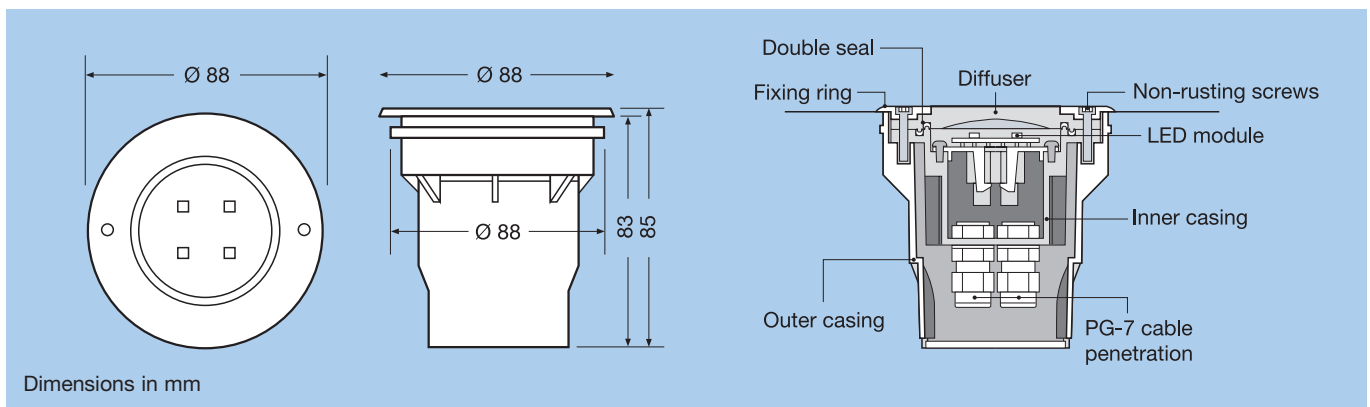
Chrome mounting ring

Type	AQUALED® 4-BC SW/SIL	AQUALED® 4-WC SW/SIL
Product reference	47005-73	47005-71
Product number (EAN) 4050300...	160627 	160603 

Granite mounting ring

Type	AQUALED® 4-BG SW/ALU	AQUALED® 4-WG SW/ALU
Product reference	47005-72	47005-70
Product number (EAN) 4050300...	160566 	160580 

Wattage	0.5 W	0.4 W
Supply voltage	10 V	10 V
Light sources	4 LED blue POWER TOPLED®	4 LED white POWER TOPLED®
Weight	0.2 kg	0.2 kg
Dimensions (diameter, width, depth)	88 x 80 x 83 mm	88 x 80 x 83 mm
Protection class	III	III
Type of protection	IP 68 3 m	IP 68 3 m
Load capacity	max. 1 000 kg	max. 1 000 kg
Approval marks	   	   
Standard pack	4 pcs.	4 pcs.



Recommended electronic control gear

Reference	OPTOTRONIC® OT 06 / 100-240 / 10 COS	OPTOTRONIC® OT 12 / 230-240 / 10
Capacity	up to 12 AQUALED® white or up to 10 AQUALED® blue	up to 24 AQUALED® white or up to 20 AQUALED® blue
Maximum cable length from control gear*	8 m	4 m

* If a secondary-side RI suppression filter is used (ferrite ring, e.g. TDK ZCAT3035-1330-BK), the EMC-related permissible cable lengths may be increased to 40 m.
For more information see the OSRAM Technical Guide for OPTOTRONIC®.