

Swimming pool Light

4.0492

Thanks to enormously simplified installation and innovative operation options from the waterside, the largest recessed spotlight available for swimming pools now facilitates professional lighting of competition pools. With a powerful output of approximately 19,000 lumens and no glare, its light ensures the safety of athletes. Thanks to the unique environmentally friendly light spreading characteristics, no light is directed upwards, but always to the width and depth towards the pool floor. Compared to the predecessor model, the spotlight requires more than 70 percent less installation space.

1:1 SCALE



WIBRE
Made in Germany

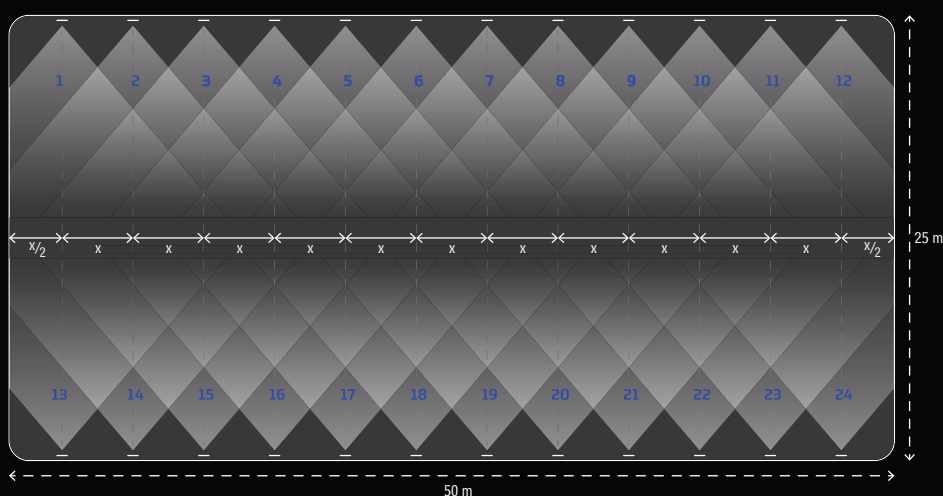
4.0492 | Swimming pool Light

Up to 18600 lumen – Ideal for competition and sport pools

- Protection class IP68 – up to 5m water depth
- Protection class IP69 - protection against high pressure and high jet water temperatures
- Entirely made of stainless steel 316Ti 1.4571, epolished
- Round attachment cover, made of stainless steel 316Ti, height 3 mm
- ...
- POW-LED cold white, warm white, neutral white
- Operating mode: constant current
- Temperature controlled (onboard)
- Surge protection
- Light distribution especially for swimming pool lighting „asymmetric Mixflux“
- ...
- Constant-current power source ordered separately
- Installation housing made of stainless steel 316Ti with 1.5 m cable protection tube
- Supplied with 5 m of special underwater cable

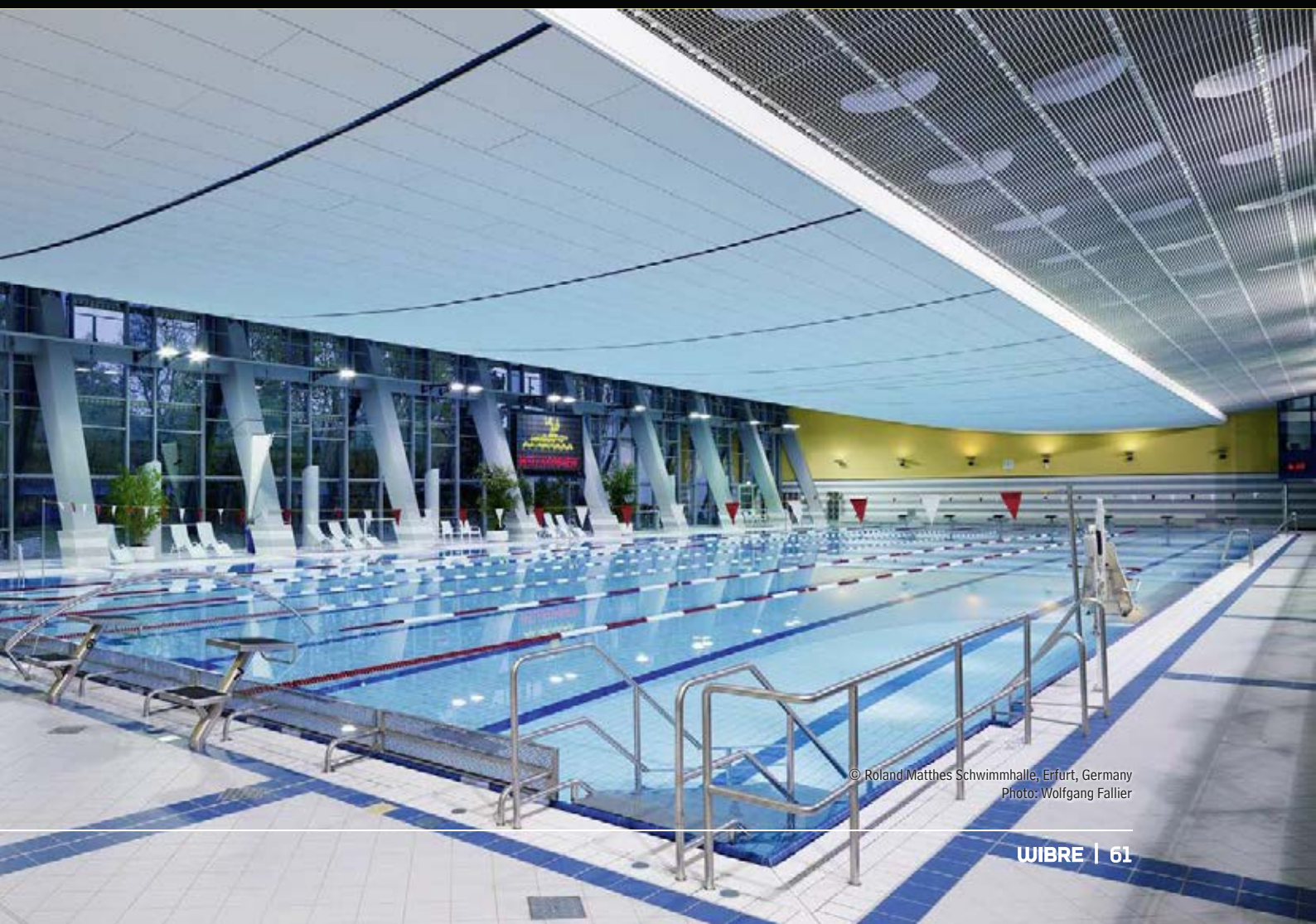
Typical applications

With a distance of about 4 metres each, you choose an opposite parallel arrangement to illuminate competition pools optimally - 12 spotlights per pool length are recommended here. For sports pools with a size of 25 x 12 metres, 5 to 6 spotlights per side are intended. The positioning can also be done in a diagonally offset way.





© Campus Sursee, Oberkirch, Switzerland
Photo: Samuel Trümpy



© Roland Matthes Schwimmhalle, Erfurt, Germany
Photo: Wolfgang Fallier

Colour temperatures



STANDARD

6000K
cold white

4500K
neutral white

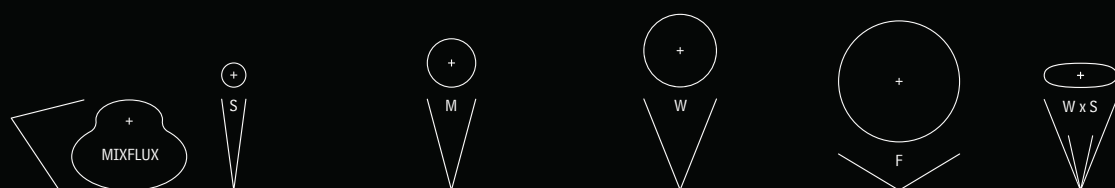
3000K
warm white

RGB-6000K
+ cold white

RGB-4500K
+ neutral white

RGB-3000K
+ warm white

Beam angles



STANDARD

mixflux
asymmetric

OPTIONS

spot 10°
symmetrical

medium 25°
symmetrical

wide 50°
symmetrical

flood ≈120°
symmetrical

wide x spot 50x15°
elliptical

Additional parts



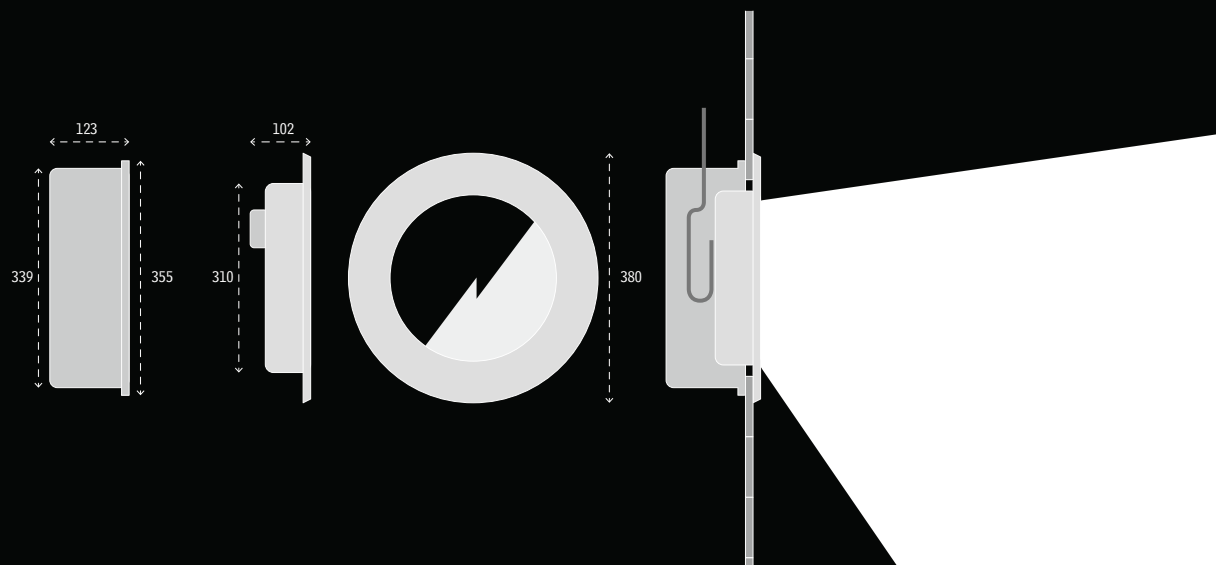
OPTIONS

Additional disc, frosted
for softer light distribution
(light loss approx. -15%)
for spotlight 4.0490 and 4.0492
9.0490.00.20

Notes

- Matching installation housing should be selected, depending on the installation type and situation.
- Saline version possible on request for specific projects
- Dimmable power supply units on request

Dimensions





IP68 IP69	IK11	STAINLESS STEEL V4A 1.4571 316Ti	3.000 K 4.500 K 6.000 K	RGB-W	CONSTANT CURRENT KONSTANT STROM	DALI 1-10 V OPTIONAL DIMM	CABLE INCL.	max 25m	←	↩	CE	III		
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Underwater environments only

Monochrome illumination

#	Color	Lumen	Specifications	Control gear	Details
4.0492.00.11	6000K cold white	18600 lm	LED 32 POW-LED	5.0630.10.32 max 1	→ 210
4.0492.00.12	3000K warm white	15040 lm	WATT total 120 W		
4.0492.00.13	4500K neutral white	16080 lm	POWER CV 12 V-DC		
			BEAM asymmetric Mixflux		
			CABLE UW, 2x4,0 qmm		

Dynamic illumination

#	Color	Lumen	Specifications	Control gear	Details
4.0492.00.41	RGB-CW cold white 6000K	cold white: 4640 lm	LED 32 Multichip POW-LED	5.0670.49.52 max 1	→ 216
4.0492.00.42	RGB-WW warm white 3000K	warm white: 4020 lm	WATT all on 150 W		
4.0492.00.43	RGB-NW neutral white 4500K	neutral white: 4320 lm	POWER CC max 24 V-DC		
			BEAM asymmetric Mixflux		
			CABLE UW, 10x1,0 qmm		

Installation housings

Concrete pools
with tile covering

Stainless steel pools



Facing concrete pools

Foil-lined pools
(pressure flange)Thin-walled pools
(pressure flange)Pools with adhesive/
foil coating
(adhesive flange)

4.0492.01.00	4.0492.02.00	4.0492.03.00
made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for welding into stainless steel pools and for installation in concrete pools with tile covering	made of V4A stainless steel with 1.5m protective cable tube and M20 plastic terminating connection, for installation in thin-walled pools and foil-lined pools (pressure flange ø 385 mm)	made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for installation in pools with adhesive/foil coating (adhesive flange ø 450 mm)