

Swimming pool Light

# 4.0202

The bright all-rounder for pool lighting stands out technically, but not in space. With its round top cover of only two millimetres in height, the application on the pool wall, with which it seems to merge, is hardly noticeable, both visually and physically. With various beam angles from spot to flood, it adapts to the most diverse requirements and enables complete illumination of the water surface.

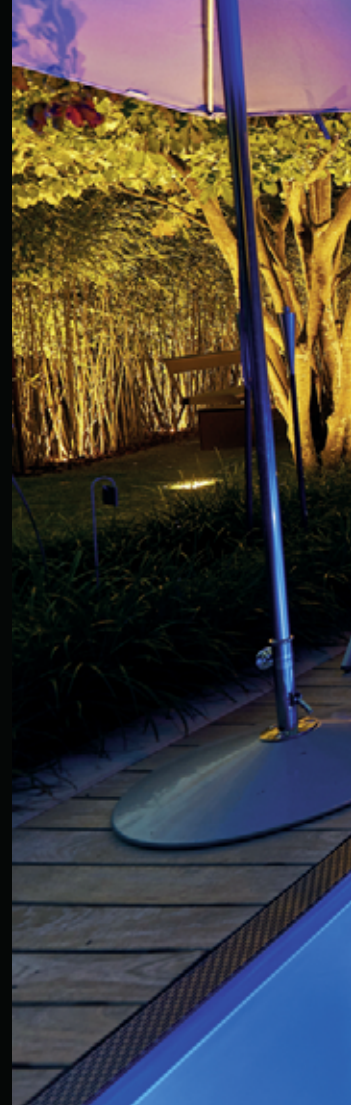
1:1 SCALE



## 4.0202 | Swimming pool Light

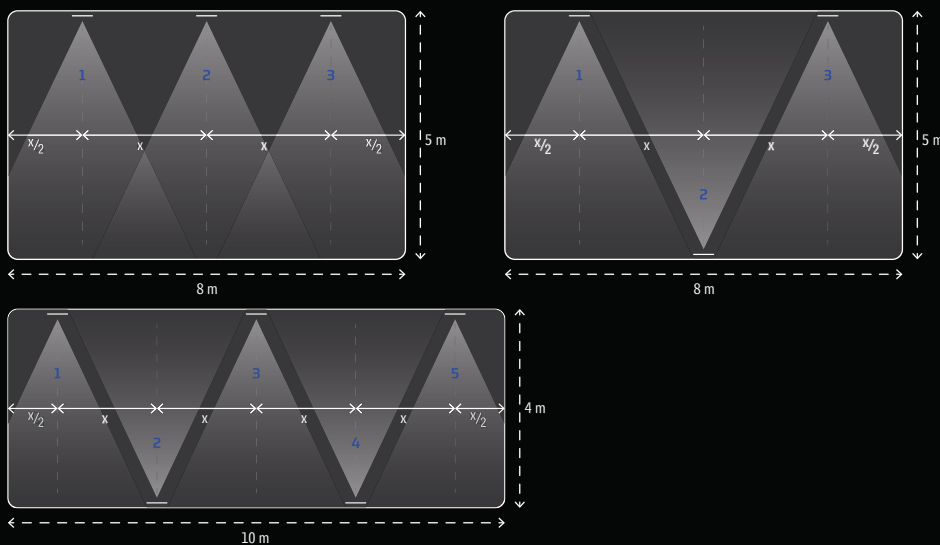
# Up to 4600 lumen – Ideal for hotel and private pools

- 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 2 mm
- ...
- POW-LED cold white, warm white, neutral white
- POW-LED royal blue
- Multichip POW-LED RGB-W
- Operating mode: constant current
- Temperature controlled (onboard)
- Surge protection
- Rotationally symmetric wide light distribution
- ...
- Constant-current power source/RGB-W-controller 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

For pools in standard sizes up to 5 metres wide, choose a single-sided arrangement or offset positioning of the spotlights on both sides. The number of spotlights depends on the pool length - one spotlight per 2 to 3 metres is recommended.





© Private Villa  
Photo: Tom Philippi, [www.tomphilippi.com](http://www.tomphilippi.com), Stuttgart

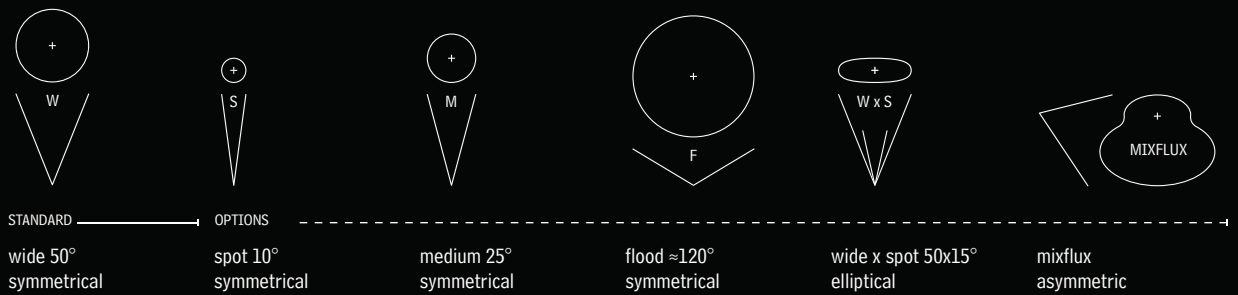


© Paradise City, CIMER SPA, Incheon, Korea  
Lighting Designer: EON SLD  
Lighting Supplier: SJL Corp.

## Colour temperatures



## Beam angles



## Additional parts



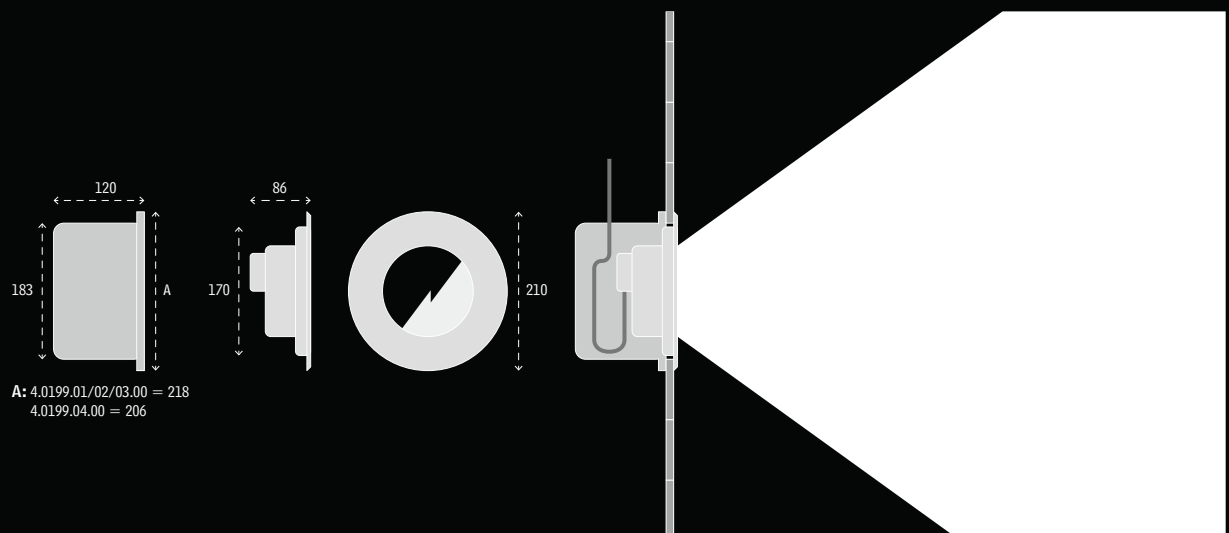
OPTIONS

glass disc, frosted  
for softer light distribution  
(light loss approx. -15%)  
50.40202.0002

## Notes

- SALINE version possible - Article number with an additional „S“ at the end
- Matching installation housing should be selected, depending on the installation type and situation.
- For facing concrete, please use housing 4.0199.04.00

## Dimensions





IP68 IP69	IK11	STAINLESS STEEL V4A 1.4571 316Ti	3.000 K 4.500 K 6.000 K BLUE	RGB-W	CONSTANT CURRENT KONSTANT STROM	DALI 1-10 V OPTIONAL DIMM	CABLE INCL.	max 5m			CE	III		
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Underwater environments only

### Monochrome illumination

#	Color	Lumen	Watt	Specifications	Control gear	Details
4.0202.00.11	6.000K cold white	4600 lm	total 31 W	LED 8 POW-LED	5.0630.10.08 max 1	→ 210
4.0202.00.12	3.000K warm white	3760 lm		POWER CC 2400mA @12 V-DC	5.0630.11.08 max 1	
4.0202.00.13	4.500K neutral white	4024 lm		BEAM 50° symmetrisch		
4.0202.00.16	royal blue (450 nm)	500mW/LED		CABLE UW, 2x2,5 qmm		

### Dynamic illumination

#	Color	Lumen	Specifications	Control gear	Details
4.0202.00.41	RGB-CW cold white 6000K	cold white: 1160 lm	LED 8 Multichip POW-LED	5.0670.19.52 max 1	→ 216
4.0202.00.42	RGB-WW warm white 3000K	warm white: 1080 lm	WATT all on 50 W		
4.0202.00.43	RGB-NW neutral white 4500K	neutral white: 1080 lm	POWER CC 700mA @12 V-DC		
4.0202.00.80	3000K-6000K dynamic white	2000-2320 lm	BEAM 50° symmetrisch		
			CABLE UW, 10x0,5 qmm		

### Installation housings



Concrete pools with tile covering



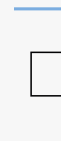
Stainless steel pools



Facing concrete pools



Foil-lined pools (pressure flange)



Thin-walled pools (pressure flange)



Pools with adhesive/foil coating (adhesive flange)

4.0199.01.00	4.0199.04.00	4.0199.02.00	4.0199.03.00
made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for installation in concrete pools with tile covering	made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for facing concrete and for welding into stainless steel pools	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 218 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 360 mm)