



## RECESSED SPOTLIGHT 4.0199

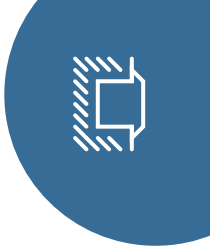
UNDERWATER

IP68



- › Versatile spotlight with award-winning technology
- › Up to 3450 lumen light intensity
- › Ideal for private pools, hotel pools and adventure pools





# 4.0199 | SWIMMINGPOOL-LIGHT

FOR ILLUMINATING MEDIUM-SIZED SWIMMING POOLS.



○→○ CENTUM® Updated version available: 4.0202 – Page 26

IP68	STAINLESS STEEL V4A 1.4571 316Ti	POW-LED INCL.	3.000 K 4.500 K 6.000 K BLUE	RGB RGB-W	CONSTANT CURRENT CONSTANT VOLTAGE	DALI 1-10V OPTIONAL DIMM	CABLE INCL.	max 5m			CE	
------	--	---------------	---------------------------------------	--------------	--------------------------------------	-----------------------------	-------------	--------	--	--	----	--






- Protection class IP68 – up to 5m water depth
- Entirely made of stainless steel 316Ti 1.4571
- Round attachment cover, made of stainless steel 316Ti, height 3 mm
- ...
- POW-LED cold white, warm white, neutral white
- POW-LED royal blue
- Multichip POW-LED RGB
- operating mode: constant current
- ...
- Multichip POW-LED RGB-W
- operating mode: constant voltage
- ...
- Halogene QR-CB51 ES 12 V-AC
- Rotationally symmetric light distribution
- ...
- Constant-current power source/RGB controller/transformer ordered separately
- Installation housing made of stainless steel 316Ti with 1.5 m cable protection tube
- Supplied with 3 m of special underwater cable

## + ADDITIONAL PARTS

-  glass disc, frosted for softer light distribution (light loss approx. -15%)  
**50.4.00109.138**
-  mounting plate for adaptation to 4.0199 series with already installed housing, made of stainless steel 316Ti, round, ø 300 mm  
**9.0199.20.00**

## ★ PRODUCT LINE

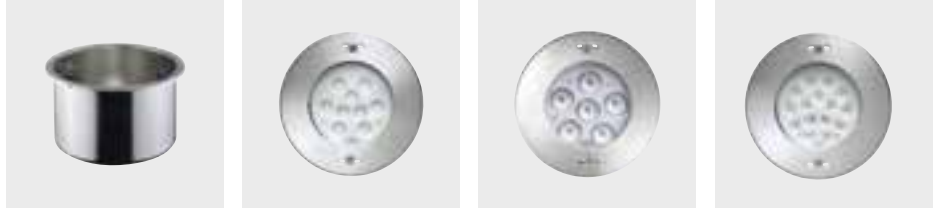
-  **4.0299 – Retrofit**  
Recessed spotlights (underwater)  
> Page 54
-  **4.0299.73 – Retrofit Saline**  
Recessed spotlights (underwater)  
> Page 58
-  **4.0299.75 – Flush**  
Recessed spotlights (underwater)  
> Page 62



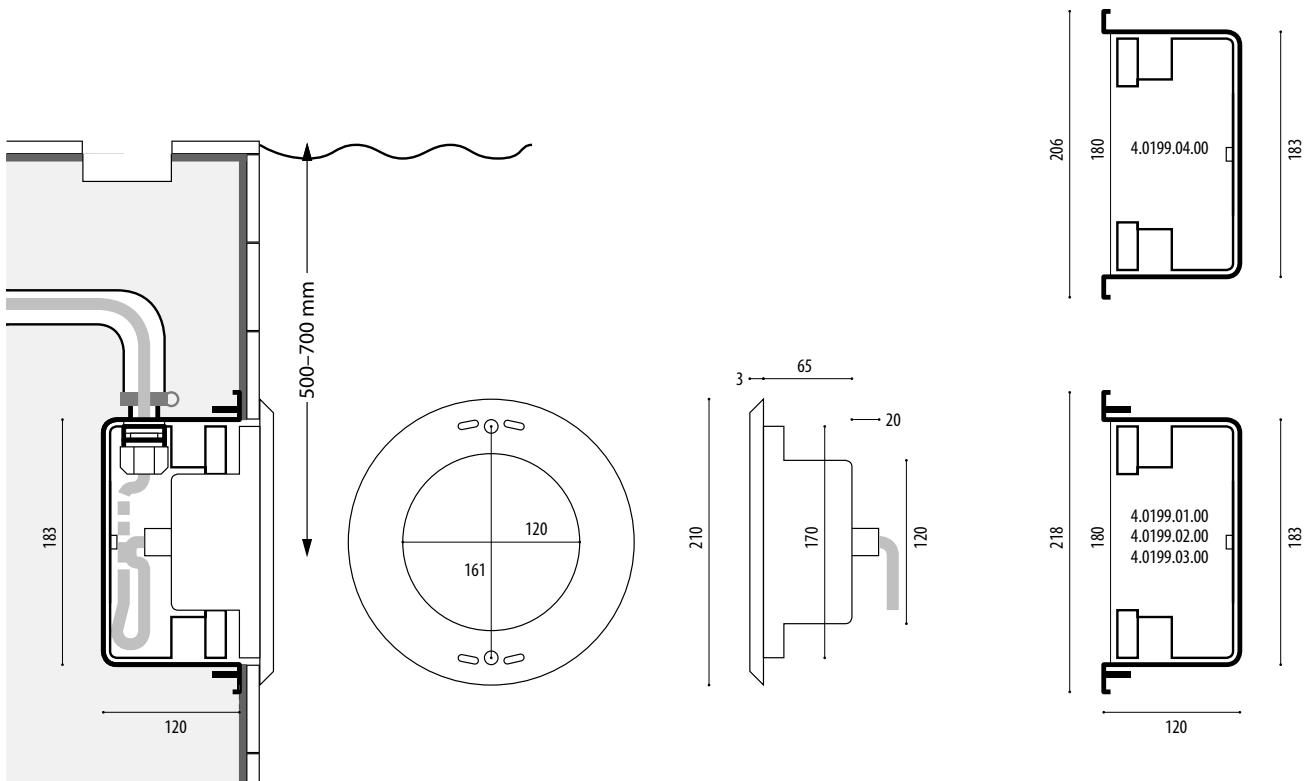
# RECESSED SPOTLIGHT 4.0199

UNDERWATER

IP68



Installation housing



Article number	Lamps	Lumen	Light colour	Wattage	Current/Voltage	Radation angle	UW-Cable, installs	[V]
<b>ONLY UNDERWATER OPERATION</b>								
<b>POW-LED MONOCHROME</b>								
<b>4.0199.00.11</b>	15 POW-LED	3450 lm	6000K cold white	total 42 W	CC 3500mA @12 V-DC	120° flood	UW, 2x2,5 qmm	W23
<b>4.0199.00.12</b>	15 POW-LED	2850 lm	3000K warm white	total 42 W	CC 3500mA @12 V-DC	120° flood	UW, 2x2,5 qmm	
<b>4.0199.00.13</b>	15 POW-LED	3225 lm	4500K neutral white	total 42 W	CC 3500mA @12 V-DC	120° flood	UW, 2x2,5 qmm	
<b>4.0199.00.16</b>	15 POW-LED	650 mW/LED	royal blue	total 42 W	CC 3500mA @12 V-DC	120° flood	UW, 2x2,5 qmm	
<b>POW-LED RGB</b>								
<b>4.0199.00.19</b>	9 Multichip POW-LED		RGB	all on 85 W	CC 700mA @12 V-DC	120° flood	UW, 6x1,0 + 2x0,5 qmm	X09
<b>POW-LED RGB-W - DIFFUS - SCATTER DISC</b>								
<b>4.0199.00.41</b>	6 Multichip POW-LED	coldwhite: 1590 lm	RGB-CW cold white 6000K	all on 60 W	CV 12 V-DC	diffus	UW, 2x2,5 + 4x0,5 qmm	
<b>4.0199.00.42</b>	6 Multichip POW-LED	warmwhite: 1220 lm	RGB-WW warm white 3000K	all on 60 W	CV 12 V-DC	diffus	UW, 2x2,5 + 4x0,5 qmm	
<b>4.0199.00.43</b>	6 Multichip POW-LED	neutralwhite: 1390 lm	RGB-NW neutral white 4500K	all on 60 W	CV 12 V-DC	diffus	UW, 2x2,5 + 4x0,5 qmm	
<b>4.0199.00.44</b>	6 Multichip POW-LED		RGB amber	all on 60 W	CV 12 V-DC	diffus	UW, 2x2,5 + 4x0,5 qmm	
<b>POW-LED RGB-W - 25° MIXING LENSES</b>								
<b>4.0199.01.41</b>	6 Multichip POW-LED	coldwhite: 1590 lm	RGB-CW cold white 6000K	all on 60 W	CV 12 V-DC	25° medium spot	UW, 2x2,5 + 4x0,5 qmm	
<b>4.0199.01.42</b>	6 Multichip POW-LED	warmwhite: 1220 lm	RGB-WW warm white 3000K	all on 60 W	CV 12 V-DC	25° medium spot	UW, 2x2,5 + 4x0,5 qmm	
<b>4.0199.01.43</b>	6 Multichip POW-LED	neutralwhite: 1390 lm	RGB-NW neutral white 4500K	all on 60 W	CV 12 V-DC	25° medium spot	UW, 2x2,5 + 4x0,5 qmm	
<b>4.0199.01.44</b>	6 Multichip POW-LED		RGB amber	all on 60 W	CV 12 V-DC	25° medium spot	UW, 2x2,5 + 4x0,5 qmm	
<b>HALOGENE</b>								
<b>4.0199.00.15</b>	3 x QR-CBC51 ES 50 W	8.600cd	3000K	150W	12V-AC	36°	UW, 2x2,5 qmm	C85

## INSTALLATION HOUSING

- 4.0199.01.00** 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
- 4.0199.02.00** 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)
- 4.0199.03.00** 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)
- 4.0199.04.00** 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



# RECESSED SPOTLIGHT 4.0199

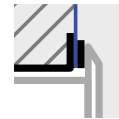


IP68

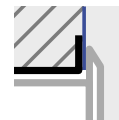
UNDERWATER



pressure flange  
for thin-walled pools or pools with fitted  
plastic foil



gluing and pressure flange  
for adhesive/foil coating with pressure  
flange



gluing flange  
for adhesive/foil coating

< Project  
Europabad, Karlsruhe, Germany

Power supplies Technical details see from page 234.

5.0670.00.15

5.0670.00.15 Constant Current power supply,  
5.0670.00.15 max 1 spotlights

5.0670.00.15

5.0670.19.24

RGB-Controller, max 1 spotlights

5.0670.09.52

5.0670.09.52 RGB-W-Controller,  
5.0670.09.52 max 2 spotlights

5.0670.09.52

5.0670.09.52

5.0670.09.52 RGB-W-Controller,  
5.0670.09.52 max 2 spotlights

5.0670.09.52

5.0101.00.00

Transformer, max 1 spotlights

## NOTE



Matching installation housing should be selected,  
depending on the installation type and situation.



For facing concrete please use housing 4.0199.04.00



SALINE version possible - Spotlight 4.0299.73

## OPTIONS

Possible beam angle POW-LED



Possible beam angle HALOGENE



POW-LED monochrome, single colour in green, red,  
amber, turquoise, capri blue



Version without Scatter disc at RGB-W