

Recessed Spotlight

4.0102

With a diameter of 150 mm, this very compact recessed spotlight offers professional quality for private pools and water attractions. With up to 2300 lumen, it is a real powerhouse and its stainless steel housing promises the durability required in professional swimming facilities. Four compact LEDs evenly illuminate small and medium-sized pools with white or coloured light. With its small dimensions, the spotlight integrates harmoniously not only into linear but even into organic basin shapes.



1:1 SCALE

4.0102 | Recessed Spotlight

Up to 2300 lumen – Ideal for organic-shaped pools and private pools

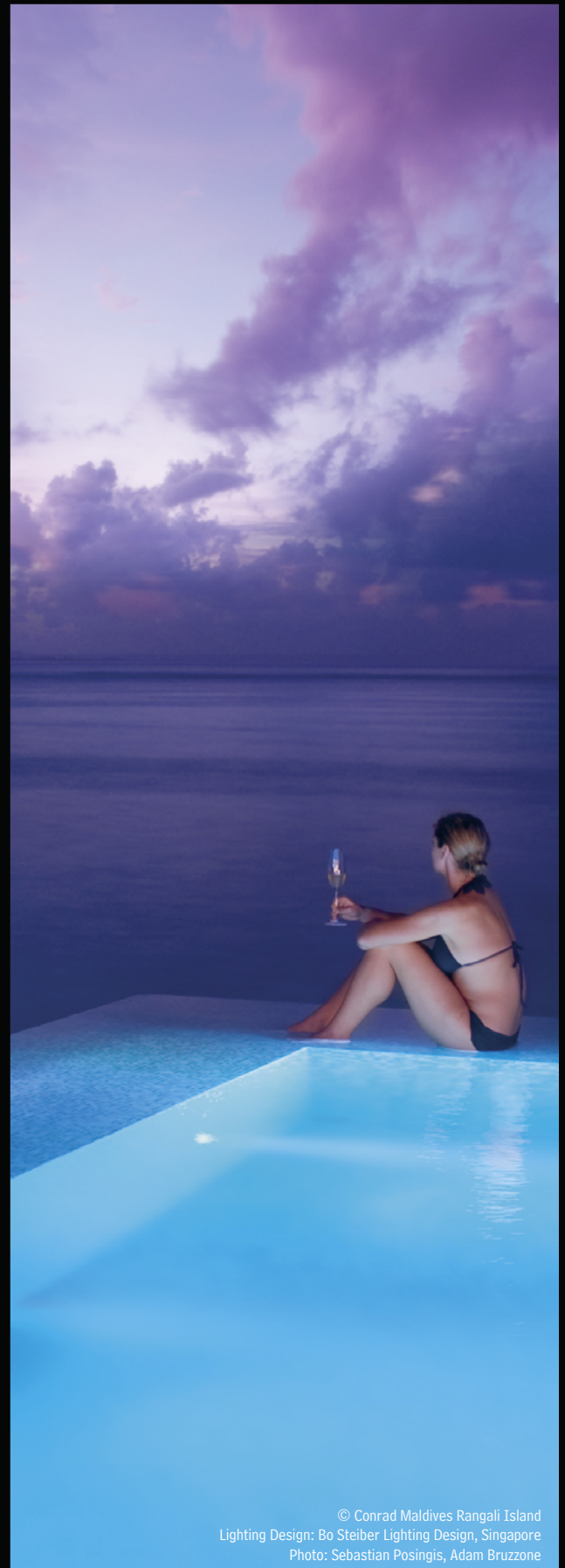
- Protection class IP68 – up to 5m water depth
- Protection class IP69 - protection against high pressure and high jet water temperatures
- Entirely made of stainless steel 316Ti 1.4571, electropolished
- Round and square attachment cover, made of stainless steel 316Ti, height 2 mm

...

- POW-LED cold white, warm white, neutral white
- Multichip POW-LED RGB-W
- Multichip POW-LED dynamic white
- Operating mode: constant current
- Temperature controlled (onboard)
- Surge protection
- Rotationally symmetric 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 3 m of special underwater cable



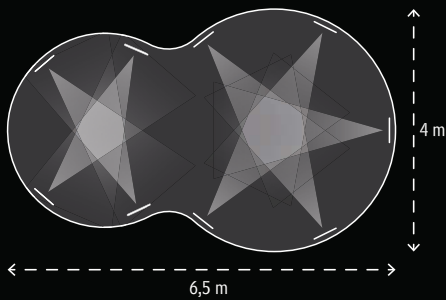
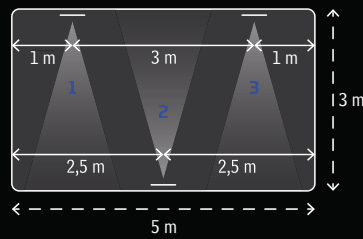
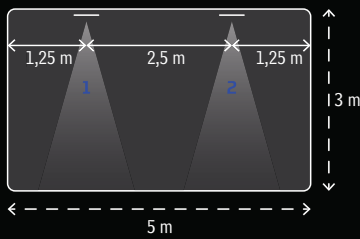
© Conrad Maldives Rangali Island
Lighting Design: Bo Steiber Lighting Design, Singapore
Photo: Sebastian Posingis, Adam Bruzzone



© Private Villa
 Photo: Tom Philippi, www.tomphilippi.com

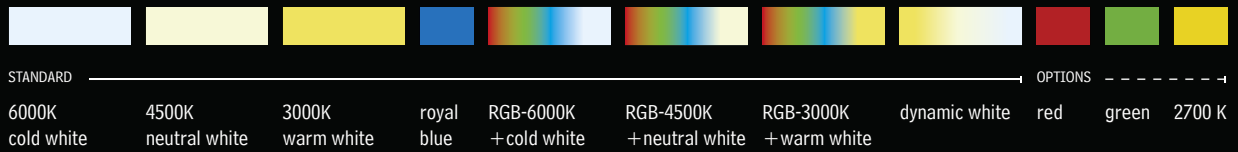
Typical applications

For pools up to 3 or 4 metres wide, choose a single-sided arrangement or offset positioning of the spotlights on both sides. This luminaire allows for individual design - one spotlight is recommended for every 2 metres of pool length. Organically shaped pools show the best effect with an even arrangement.

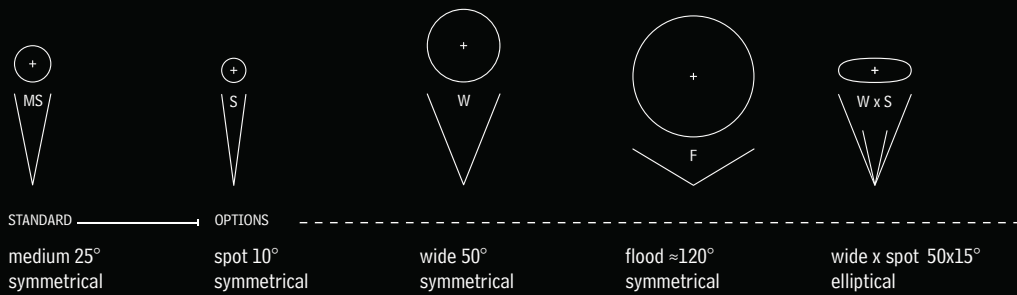


4.0102 | Recessed Spotlight

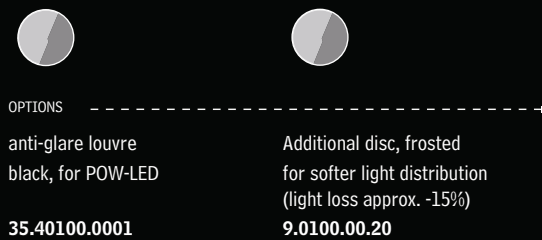
Colour temperatures



Beam angles



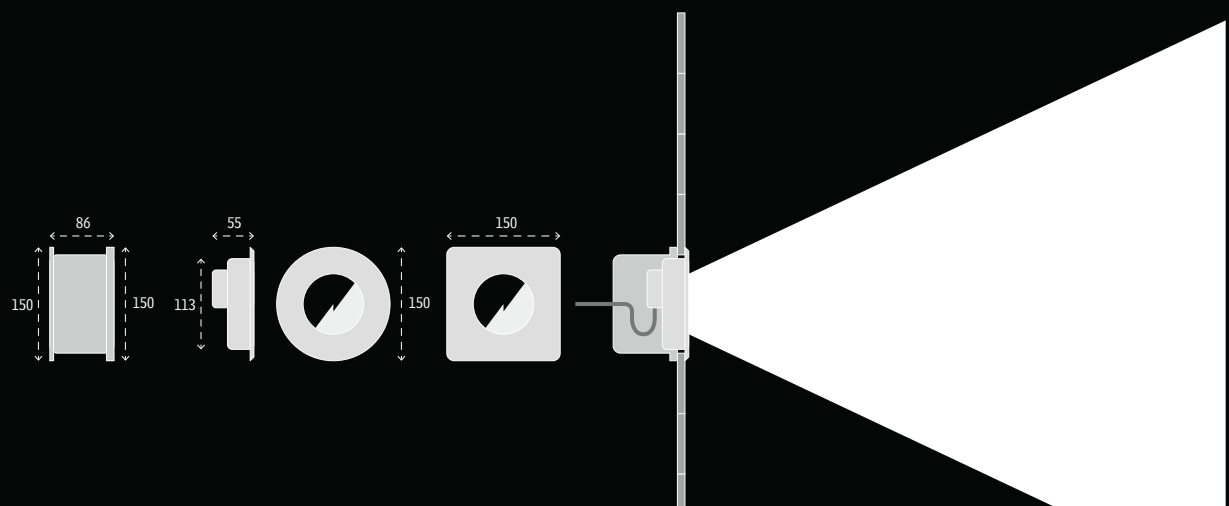
Additional parts



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.

Dimensions





IP68 IP69	IK09	STAINLESS STEEL V4A 1.4571 316Ti	ELECTRO POLISHED	3.000 K 4.500 K 6.000 K	RGB-W	DYNAMIC WHITE	DALI 1-10 V OPTIONAL DIMM	CONSTANT CURRENT KONSTANT STROM	CABLE INCL.	max 5m		CE	III
--------------	------	---	---------------------	-------------------------------	-------	------------------	------------------------------------	--	----------------	--------	--	----	-----

Underwater environments only

Monochrome illumination

Cover	#	Color	Lumen
Round Cover	4.0102.20.11	6000K cold white	2300 lm
	4.0102.20.12	3000K warm white	1880 lm
	4.0102.20.13	4500K neutral white	2010 lm
	4.0102.20.16	royal blue (450 nm)	500mW/LED
Square Cover	4.0102.40.11	6000K cold white	2300 lm
	4.0102.40.12	3000K warm white	1880 lm
	4.0102.40.13	4500K neutral white	2010 lm
	4.0102.40.16	royal blue (450 nm)	500mW/LED

Specifications	
LED	4 POW-LED
Watt	total 18 W
POWER	CC 1200mA @12 V-DC
BEAM	25° medium
CABLE	UW, 2x1,5 qmm

Control gear	Details
5.0630.10.04 max 1	→ 210
5.0630.00.04 max 1	
(without mounting housing)	

Dynamic illumination

Cover	#	Color	Lumen
Round Cover	4.0102.20.41	RGB-CW cold white 6000K	cold white: 580 lm
	4.0102.20.42	RGB-WW warm white 3000K	warm white: 500 lm
	4.0102.20.43	RGB-NW neutral white 4500K	neutral white: 540 lm
	4.0102.20.80	3000K-6000K dynamic white	1000-1160 lm
Square Cover	4.0102.40.41	RGB-CW cold white 6000K	cold white: 580 lm
	4.0102.40.42	RGB-WW warm white 3000K	warm white: 500 lm
	4.0102.40.43	RGB-NW neutral white 4500K	neutral white: 540 lm
	4.0102.40.80	3000K-6000K dynamic white	1000-1160 lm

Specifications	
LED	4 Multichip POW-LED
WATT	all on 17 W
POWER	CC 350mA @12 V-DC
BEAM	25° medium
CABLE	UW, 8x0,25 qmm

Control gear	Details
5.0635.19.52 max 2 (4*)	→ 216

Installation housings



Concrete pools with tile covering



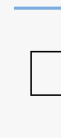
Stainless steel pools



Facing concrete pools



Foil-lined pools (pressure flange)



Thin-walled pools (pressure flange)



Pools with adhesive/foil coating (adhesive flange)

4.0102.01.00	4.0102.02.00	4.0102.02.40	4.0102.03.00
---------------------	---------------------	---------------------	---------------------

for round and squared cover, 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

for round cover, 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 155 mm)

for squared cover, 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 155 x 155 mm)

for round and squared cover, 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 250 mm)

*Only for areas without people inside the water