

Retrofit Spotlight

4.0291.73

For use in saltwater, special solutions made of particularly resistant material are required. For this reason, a special high-alloy stainless steel (1.4539 904L) was chosen for the brine version of the 4.0291 retrofit spotlight, which can withstand salt concentrations of up to 3.5 percent as well as organic and inorganic acids. In addition, the spotlight offers high resistance to pitting corrosion and good skin compatibility.

1:1 SCALE



Only to use under water

WIBRE
Made in Germany

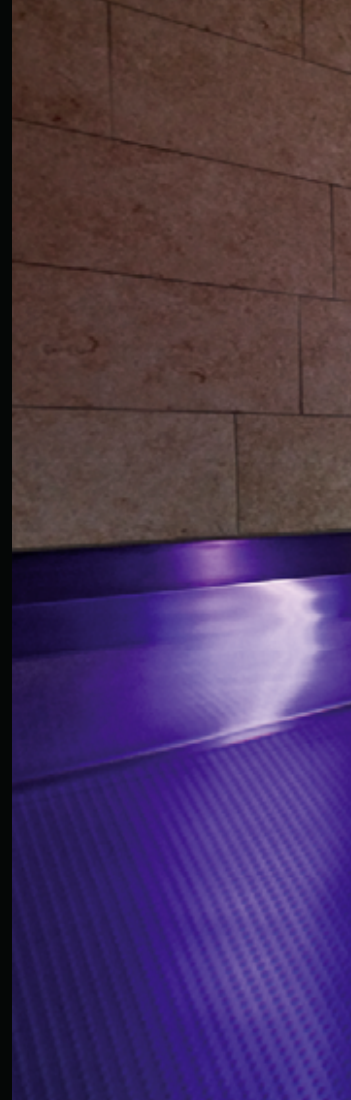
4.0291.73 | Retrofit Spotlight

Up to 6900 lumen – Sustainable replacement for halogen spotlights in baths with increased brine concentration

- Protection class IP68 – up to 5m water depth
- Protection class IP69 - protection against high pressure and high jet water temperatures
- Special corrosion-proof version made marine grade 904L stainless steel 1.4539
- For pools with increased saltwater concentration (up to 3.5 %)
- Round attachment cover, made of stainless steel 904L, height 13 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
- Light distribution especially for swimming pool lighting „asymmetric Mixflux“
- ...
- Constant-current power source/RGB-W-controller ordered separately
- Supplied without cable

Typical applications

This retrofit spotlight is intended as a replacement for existing saline spotlights with halogen technology, primarily types 4.0267 and 4.0271 and various other makes. This spotlight has everything for a hassle-free change. Better lighting power, considerably less consumption, long service life and safety - operation in accordance with standards VDE0100-702 resp. IEC 60598-2-18 in water accessible to persons.





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

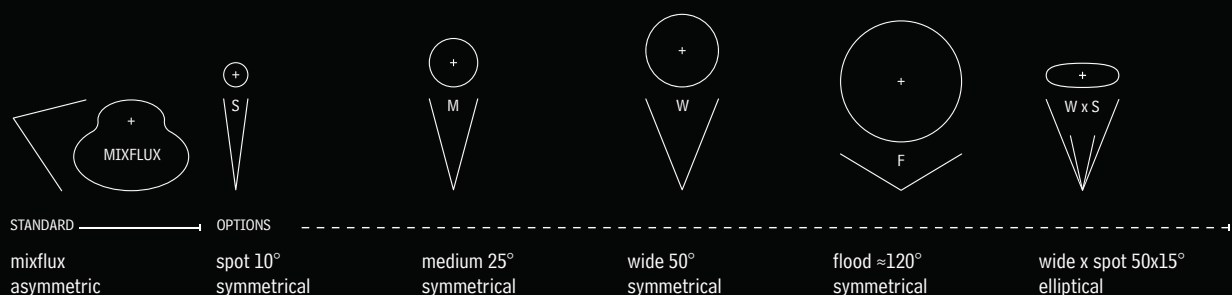


© Vabali Spa Berlin, Germany
Photo: David Burghardt/db-photo.de

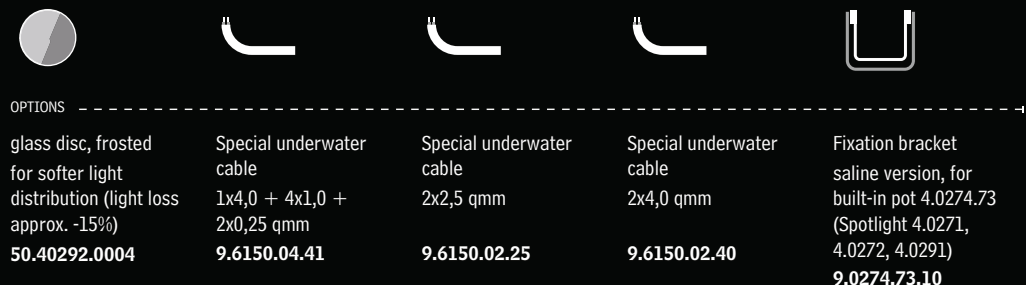
Colour temperatures



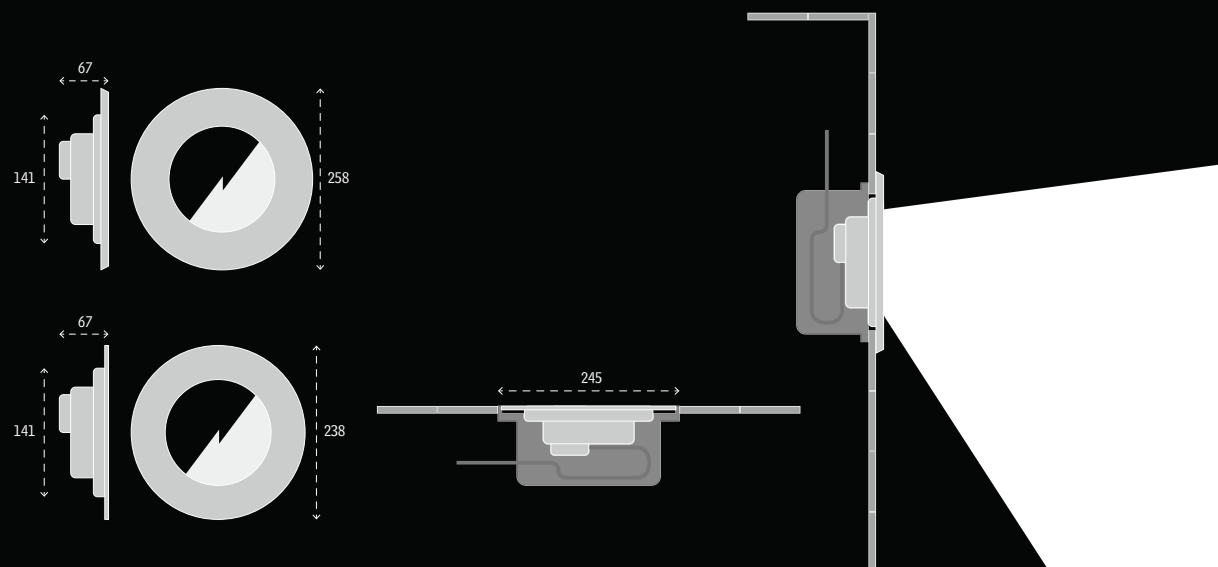
Beam angles



Additional parts



Dimensions





IP68 IP69	IK11	STAINLESS STEEL V4A 1.4539 904L	3.000 K 4.500 K 6.000 K BLUE	RGB-W	CONSTANT CURRENT KONSTANT STROM	DALI 1-10 V OPTIONAL DIMM	CABLE EXCL.	max 5m			CE	III		
--------------	------	--	---------------------------------------	-------	--	------------------------------------	----------------	--------	--	--	----	-----	--	--

Underwater environments only

Monochrome illumination

Cover	#	Color	Lumen	Specifications		Control gear	Details
Saline-Version	4.0291.73.11	6000K cold white	6900 lm	LED	white: 12 POW-LED blue: 48 POW-LED	5.0630.01.12 max 1	
	4.0291.73.12	3000K warm white	5640 lm	WATT	white: total 47 W blue: total 49,5 W	5.0630.10.12 max 1	→ 210
	4.0291.73.13	4500K neutral white	6036 lm	POWER	CC 3600mA @12 V-DC	5.0630.11.12 max 1	
	4.0291.73.16	royal blue (450 nm)	500mW/LED	BEAM	asymmetric Mixflux	5.0630.03.12 max 3	
Flush Saline-Version	4.0291.78.11	6000K cold white	6900 lm	CABLE	UW, 2x2,5 qmm		
	4.0291.78.12	3000K warm white	5640 lm				
	4.0291.78.13	4500K neutral white	6036 lm				
	4.0291.78.16	royal blue (450 nm)	500mW/LED				

Dynamic illumination

Cover	#	Color	Lumen	Specifications		Control gear	Details
Saline-Version	4.0291.73.41	RGB-CW cold white 6000K	cold white: 2100 lm	LED	12 Multichip POW-LED	5.0630.09.52 max 1	→ 216
	4.0291.73.42	RGB-WW warm white 3000K	warm white: 1800 lm	WATT	all on 75 W		
	4.0291.73.43	RGB-NW neutral white 4500K	neutral white: 1920 lm	POWER	CC 1400mA @12 V-DC		
Flush Saline-Version	4.0291.78.41	RGB-CW cold white 6000K	cold white: 2100 lm	BEAM	asymmetric Mixflux		
	4.0291.78.42	RGB-WW warm white 3000K	warm white: 1800 lm	CABLE	UW, 1x4,0 + 4x1,0 + 2x0,25 qmm		
	4.0291.78.43	RGB-NW neutral white 4500K	neutral white: 1920 lm				

Notes

- Individual configuration of the LED multichips possible
- Spotlights without connected cable for simple retrofitting of halogen to POW LED with use of the existing 2-pin cable (Only monochrome, cross section min. 2x2.5qmm). The cable can be connected to the connection box without opening the spotlight. Always observe the separate manual instructions.
- In case of retrofitting to RGB-W version, the cable must be replaced with special underwater cable (9.6150.04.41).
- Existing transformers must be replaced by appropriate power supply units and RGBW-controllers.