

Swimming pool Light

4.0292.73

The brine version is a further development of the bestseller 4.0292 especially for use in salty water. In addition to its excellent properties, which include a unique pool-specific light distribution, it has other quality features. With its body made of high-alloy stainless steel (1.4539 904L), the spotlight is resistant to salt concentrations of up to 3.5 percent as well as organic and inorganic acids. High resistance to pitting corrosion and good skin compatibility are further advantages.

1:1 SCALE



4.0292.73 | Swimming pool Light

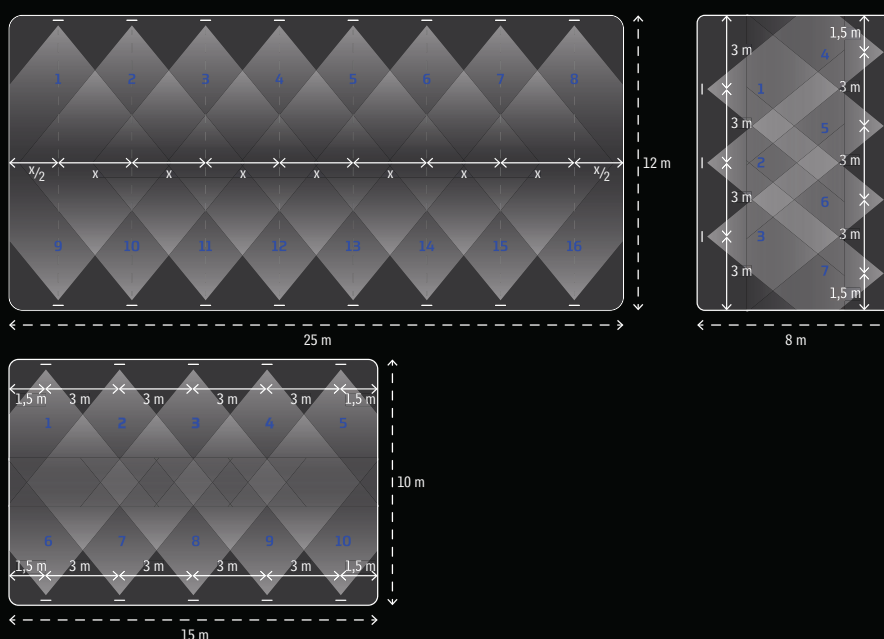
Up to 6900 lumen – For baths with increased brine concentration

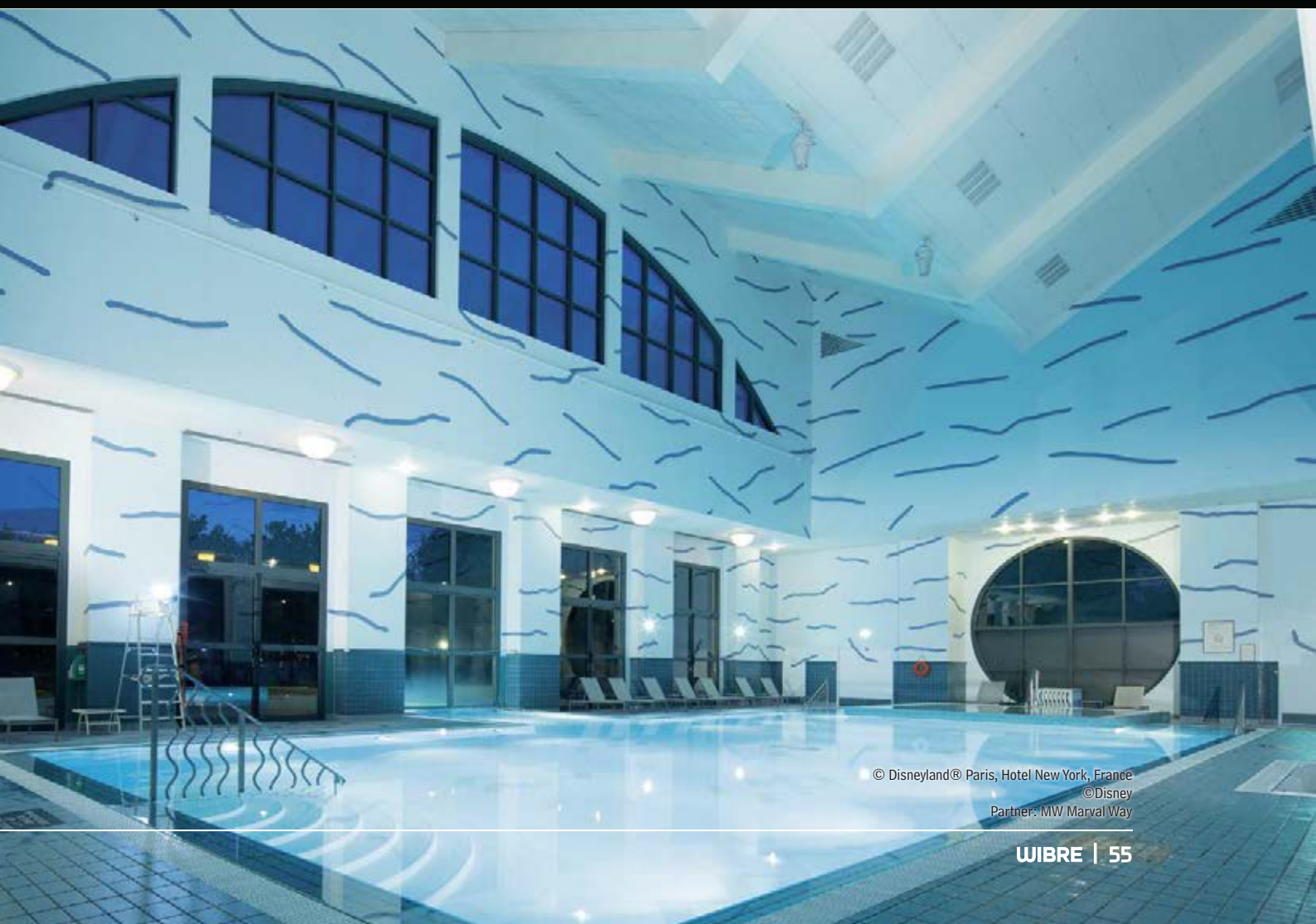
- Protection class IP68 – up to 5m water depth
- Protection class IP69 - protection against high pressure and high jet water temperatures
- special corrosion-proof version made marine grade 904L stainless steel 1.4539
- for pools with increased saltwater concentration (up to 3.5 %)
- Round attachment cover, made of stainless steel 904L, height 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
- light distribution especially for swimming pool lighting „asymmetric Mixflux“
- ...
- Constant-current power source/RGB-W-controller ordered separately
- Installation housing made of stainless steel 904L with 1.5 m cable protection tube
- Supplied with 5 m of special underwater cable



Typical applications

Starting from a pool width of 8 metres, choose an opposite arrangement of the spotlights, with a distance of approximately 3 metres between each. This determines the number of spotlights per pool length. The positioning can be parallel or offset. For narrower pools, a one-sided arrangement is practical.

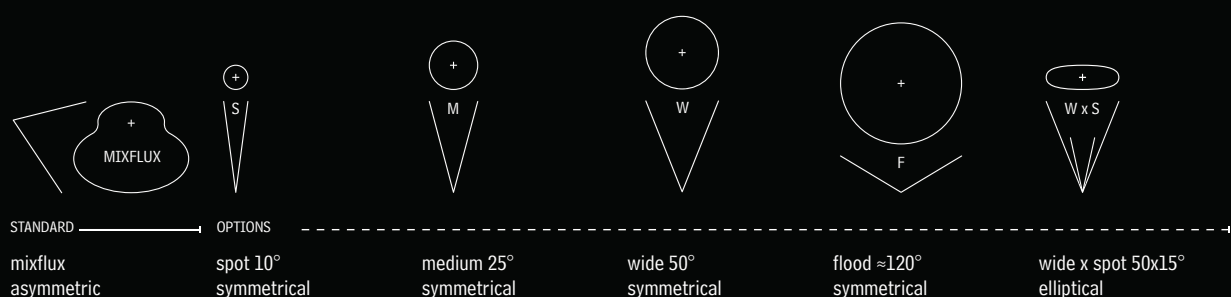




Colour temperatures



Beam angles



Additional parts



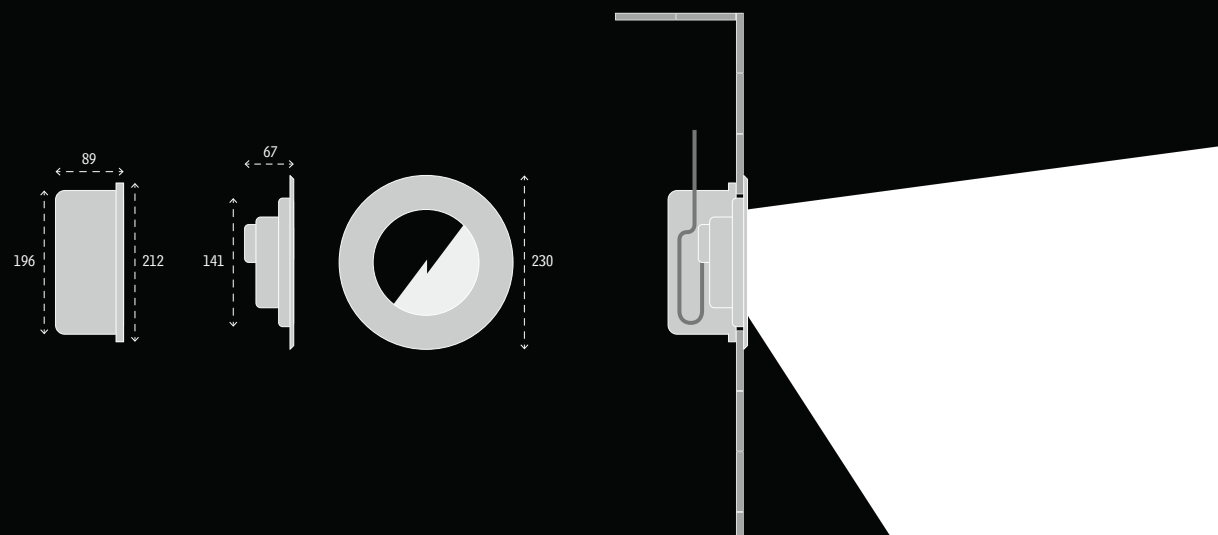
OPTIONS

glass disc, frosted
for softer light distribution
(light loss approx. -15%)
50.40292.0004

Notes

- Individual configuration of the LED multichips possible
- Spotlights can (according to prior agreement) also be supplied without the connected cable to simplify installation with large cable lengths (up to max. 40m). The cable can be connected to the connection box without opening the spotlight.
- Matching installation housing should be selected, depending on the installation type and situation.

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 INCL.	max 5m			CE	III		
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Underwater environments only

Monochrome illumination

#	Color	Lumen	LED	Watt	Specifications	Control gear	Details
4.0292.73.11	6000K cold white	6900 lm	12 POW-LED	total 47 W	POWER CC 3600mA @12 V-DC	5.0630.01.12 max 1	→ 210
4.0292.73.12	3000K warm white	5640 lm			BEAM asymmetric Mixflux	5.0630.10.12 max 1	
4.0292.73.13	4500K neutral white	6036 lm			CABLE UW, 2x2,5 qmm	5.0630.11.12 max 1	
4.0292.73.16	royal blue (450 nm)	500mW/LED	48 POW-LED	total 49,5 W		5.0630.03.12 max 3	

Dynamic illumination

#	Color	Lumen	Specifications	Control gear	Details
4.0292.73.41	RGB-CW cold white 6000K	cold white: 2100 lm	LED 12 Multichip POW-LED	5.0630.09.52 max 1	→ 216
4.0292.73.42	RGB-WW warm white 3000K	warm white: 1800 lm	WATT all on 75 W		
4.0292.73.43	RGB-NW neutral white 4500K	neutral white: 1920 lm	POWER CC 1400mA @12 V-DC		
			BEAM asymmetric Mixflux		
			CABLE UW, 1x4,0 + 4x1,0 + 2x0,25 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)

4.0292.01.73	4.0292.02.73	4.0292.03.73
Saline version, 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	saline version, 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 234 mm)	saline version, 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 350 mm)