

Surface-mounted Spotlight

4.0100

The little powerhouse with a diameter of only 100 millimetres is a continuously swivelling all-rounder in professional quality that is just as suitable for illuminating buildings and outdoor facilities as it is for lighting fountains, trick fountains and water-jets. To this end, a choice can be made between static and dynamic white light as well as coloured staging. Four powerful LEDs ensure uniform illumination. For large applications, there is a strong version with up to 2300 lumen, for small applications a version with up to 750 lumens, which can also be used above water.



1:1 SCALE



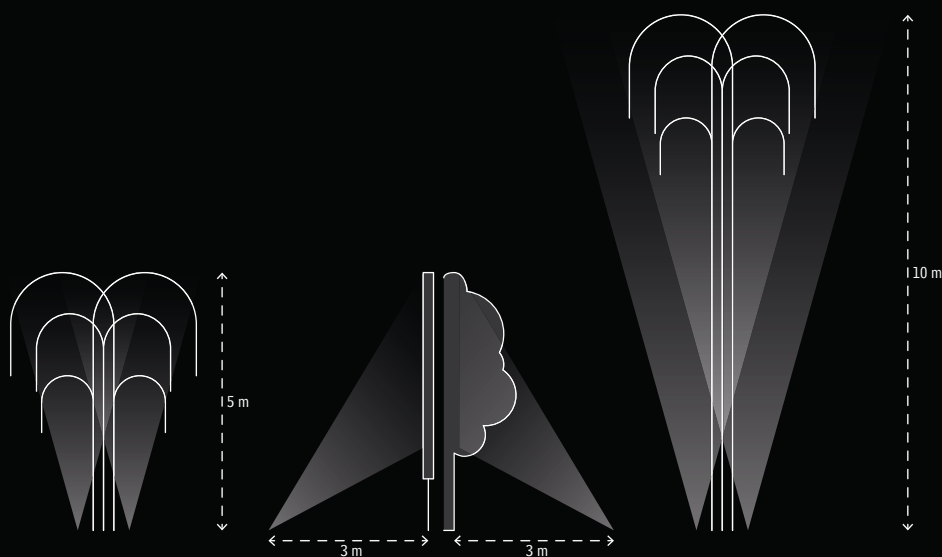
4.0100 | Surface-mounted Spotlight

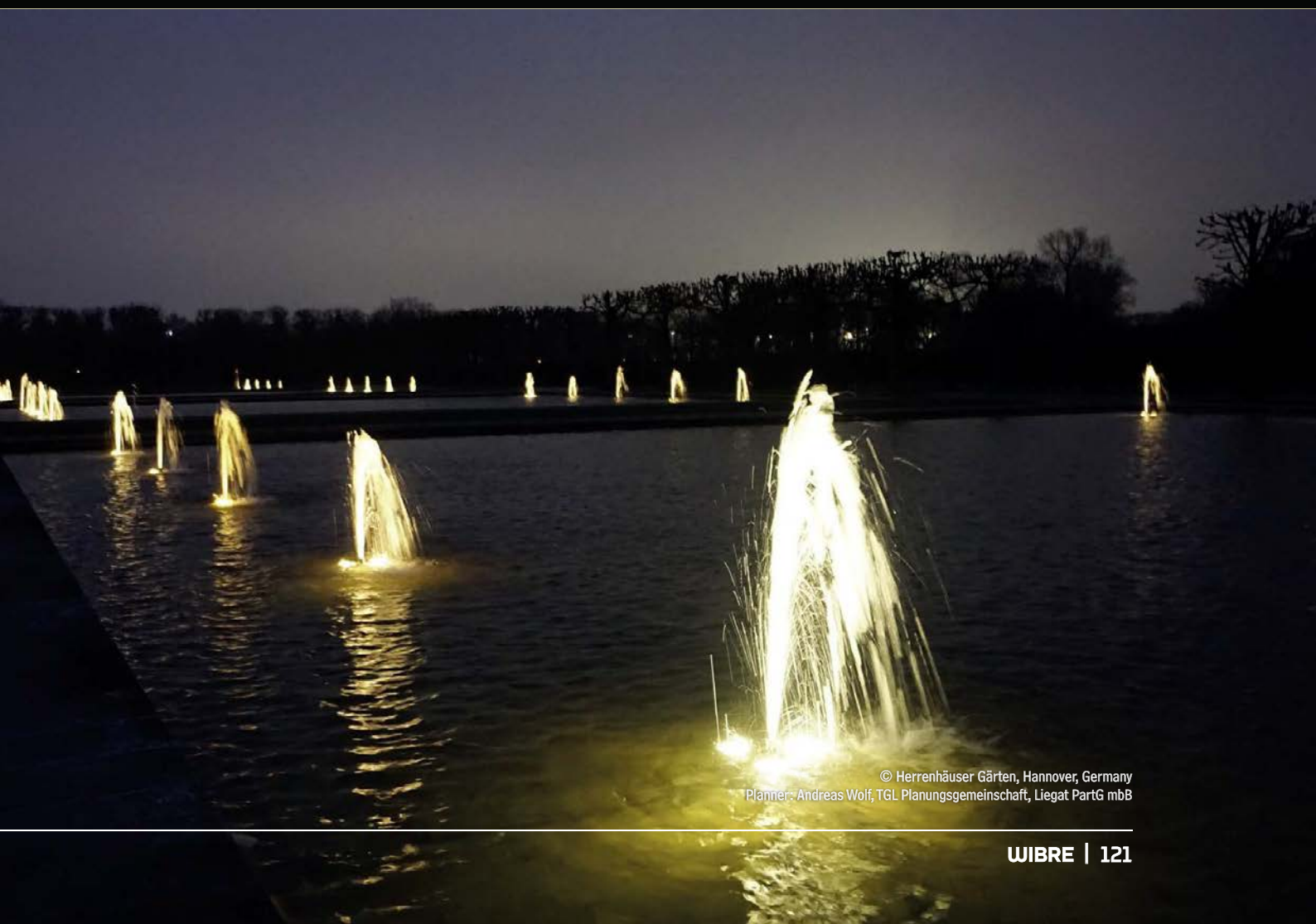
Up to 2300 lumen – Perfect for fountains and water attractions

- Protection class IP68 – up to 3m water depth
- Protection class IP69 - protection against high pressure and high jet water temperatures
- Entirely made of stainless steel 316Ti 1.4571
- Mounting foot adjustable through 90°
- ...
- 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
- ...
- Cable pressure sleeve, stainless steel 316Ti
- Constant-current power source/RGB controller external
- Supplied with 3 m of underwater cable

Typical applications

For fountains up to 5 metres high, the weak version of the spotlight is suitable. It can also be used for individual object lighting outside of the water. With the more powerful version, you can illuminate fountains up to a height of 10 metres.



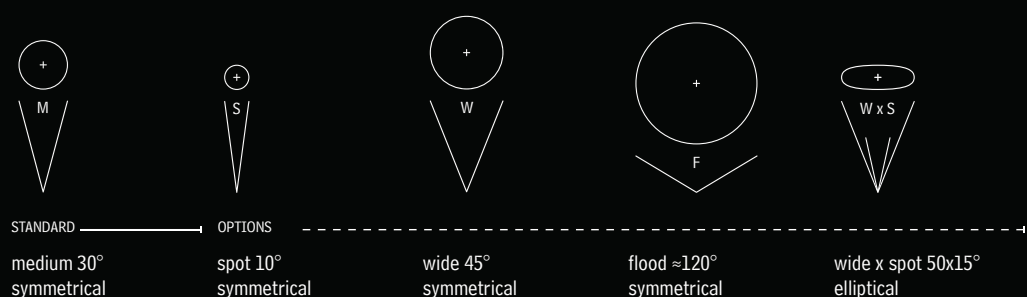


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Colour temperatures



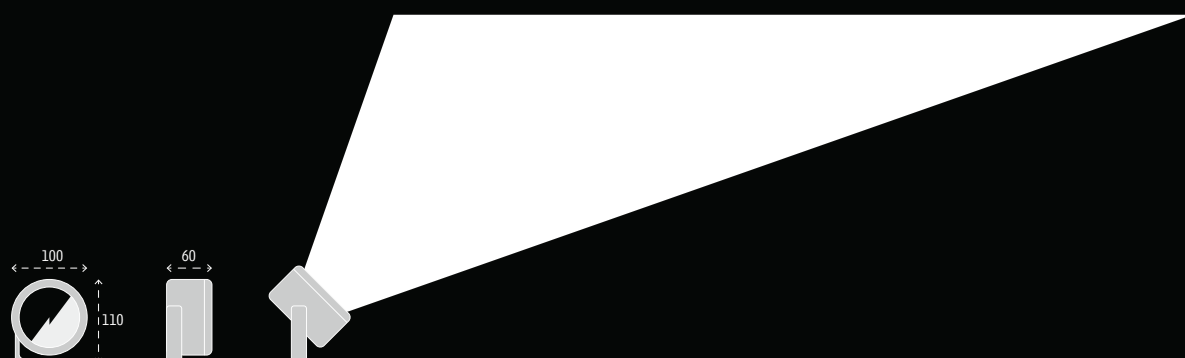
Beam angles



Additional parts

anti-glare louvre black, for POW-LED	Additional disc, frosted for softer light distribution (light loss approx. -15%)	Anti-glare ring 1/2-Version, Stainless steel 316Ti, ø 108 mm, length 130 mm	Anti-glare ring 1/1-Version, Stainless steel 316Ti, ø 108 mm, length 100 mm	Extension arm Stainless steel 316Ti, length 750 mm	spike stainless steel, 305 mm
35.40100.0001	9.0100.00.20	9.0100.00.70	9.0100.10.70	9.0100.21.20	9.0100.20.00

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 DIMMI	CONSTANT CURRENT KONSTANT STROM	CABLE INCL.	max 3m	90°	CE	III
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Monochrome illumination

Under- and overwater operations

#	Color	Lumen
4.0100.00.11	6000K cold white	750 lm
4.0100.00.12	3000K warm white	650 lm
4.0100.00.13	4500K neutral white	700 lm

Specifications	
LED	4 POW-LED
WATT	total 4,4 W
POWER	CC 350mA @12 V-DC
BEAM	30° medium
CABLE	UW, 2x1,5 qmm

Control gear	Details
5.0635.65.20 max 2 (3*)	→ 210
5.0635.03.30 max 2 (4*)	
5.0635.03.31 max 2 (4*)	

Underwater environments only

#	Color	Lumen
4.0100.30.11	6000K cold white	2300 lm
4.0100.30.12	3000K warm white	1880 lm
4.0100.30.13	4500K neutral white	2010 lm

Specifications	
LED	4 POW-LED
WATT	total 18 W
POWER	CC 1200mA @12 V-DC
BEAM	30° 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

Under- and overwater operations

#	Color	Lumen
4.0100.00.41	RGB-CW cold white 6000K	cold white: 350 lm
4.0100.00.42	RGB-WW warm white 3000K	warm white: 300 lm
4.0100.00.43	RGB-NW neutral white 4500K	neutral white: 330 lm

Specifications	
LED	4 Multichip POW-LED
WATT	all on 10 W
POWER	CC 200mA @12 V-DC
BEAM	30° medium
CABLE	UW, 8x0,25 qmm

Control gear	Details
5.0620.19.52 max 2 (4*)	→ 216

Underwater environments only

#	Color	Lumen
4.0100.30.41	RGB-CW cold white 6000K	cold white: 580 lm
4.0100.30.42	RGB-WW warm white 3000K	warm white: 500 lm
4.0100.30.43	RGB-NW neutral white 4500K	neutral white: 540 lm
4.0100.30.80	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	30° medium
CABLE	UW, 8x0,25 qmm

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

Notes

· Saline version possible on request for specific projects

*Only for areas without people inside the water