Surface-mounted Spotlight

4.0290.15

The generalist for above-water and underwater lighting has the same outstanding features as the 4.0290 surface-mounted spotlight. These are the highest possible pressure resistance IK11, use in water depths of up to 15 metres (IP68) and protection class IP69. The small difference is that it is available for both above and below water with direct mains connection (230V).

1:1 SCALE

WIBRE

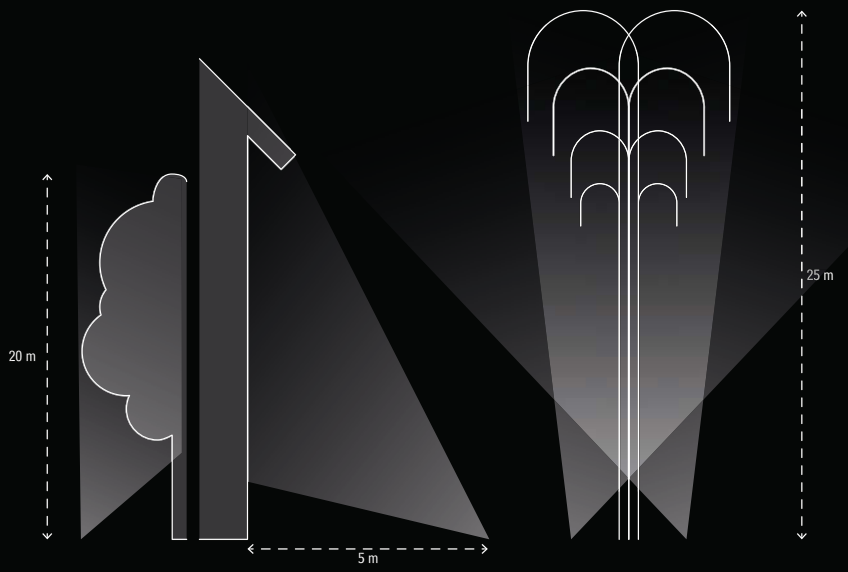
4.0290.15 | Surface-mounted Spotlight

Up to 4600 lumen – Perfect for fountains and waterside architecture

· Protection class IP68 – up to 15m water depth
· Protection class IP69 - protection against high pressure and high jet water temperatures
· Entirely made of stainless steel 316Ti 1.4571, electropolished
· Mounting foot adjustable through 90°
...
· POW-LED cold white, warm white, neutral white
· Operating mode Mono: 230V
· Multichip POW-LED RGB-W
· Operating mode RGB-W: constant current
· Temperature controlled (onboard)
· Surge protection
· Rotationally symmetric light distribution
...
· Constant-current power source internal
· RGB-W controller external
· Supplied with 5 m of underwater cable

Typical applications

For illuminating fountains up to a maximum height of 25 metres. The positioning and number of spotlights depends on the type of fountain - the closer the spotlight, the more intensive and accentuating the illumination. The spotlight is also ideally suited for powerful architectural lighting. Depending on the version, operation above water is possible.



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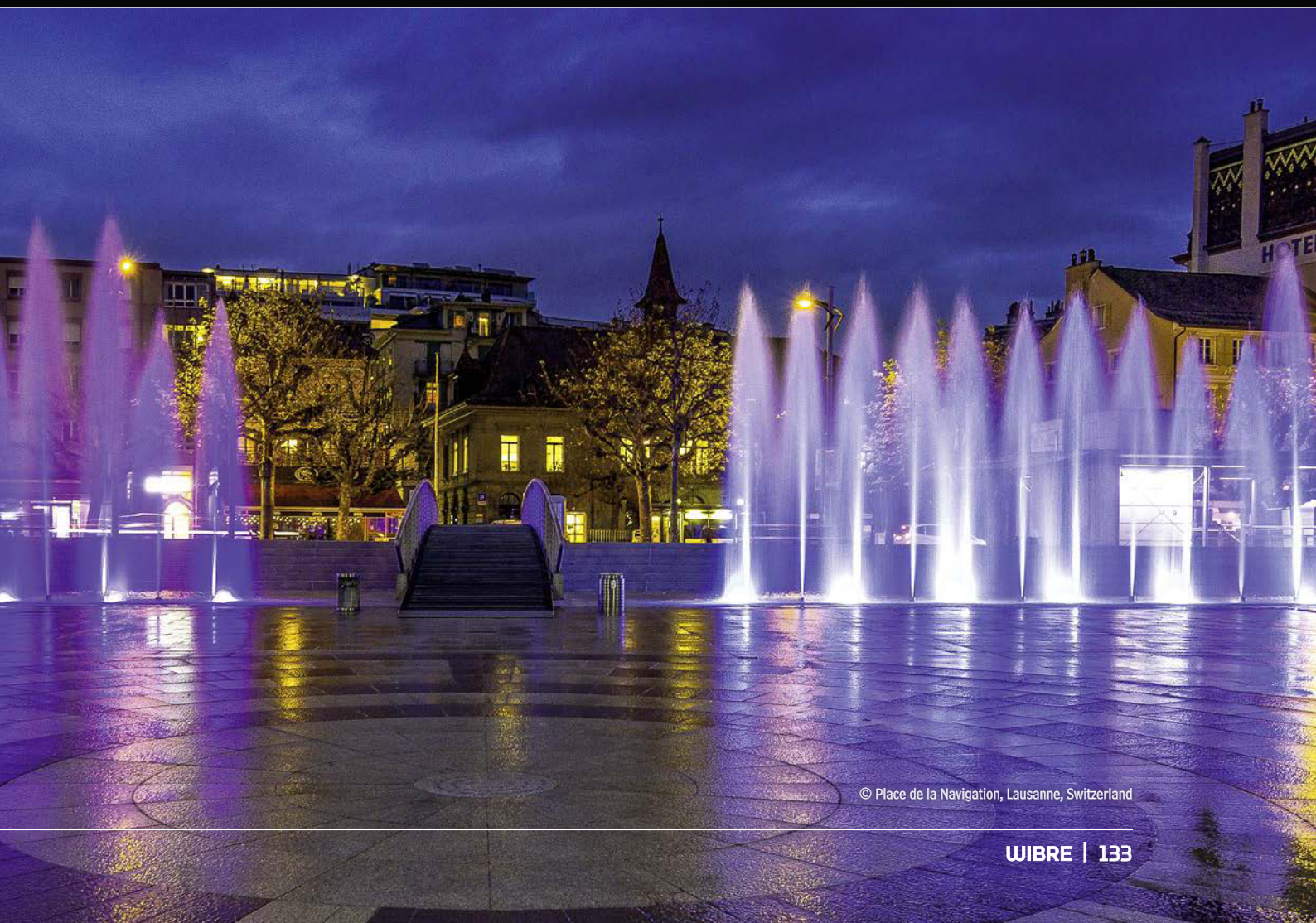

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Colour temperatures

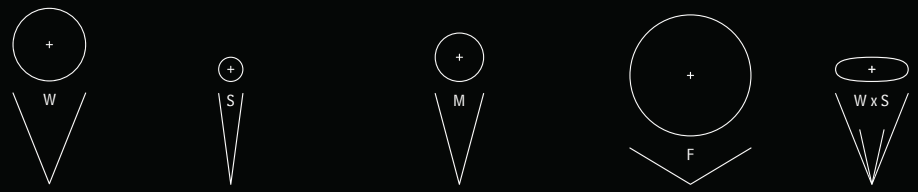
STANDARD

6000K	4500K	3000K	RGB-6000K	RGB-4500K	RGB-3000K
cold white	neutral white	warm white	+cold white	+neutral white	+warm white

OPTIONS

dynamic white	red	green	blue	2700 K

Beam angles



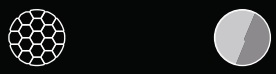
STANDARD

wide 50°
symmetrical

OPTIONS

spot 10°	medium 25°	flood ≈120°	wide x spot 50x15°
symmetrical	symmetrical	symmetrical	elliptical

Additional parts



OPTIONS

anti-glare louvre
black, for POW-LED

35.40290.0001

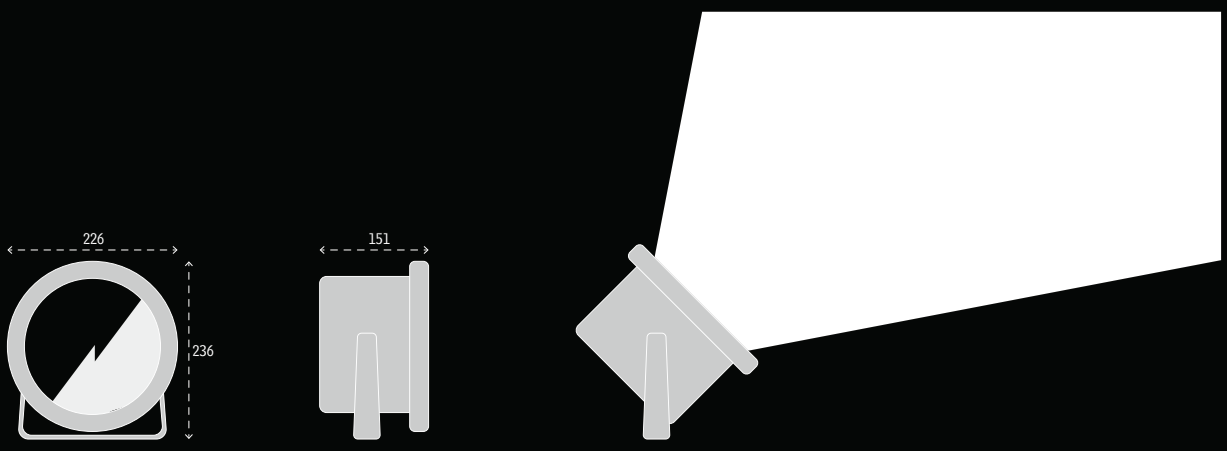
Additional disc, frosted
for softer light
distribution (light loss
approx. -15%)

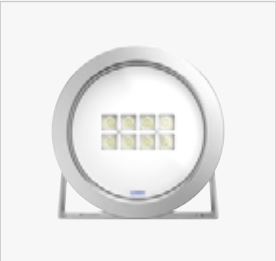
9.0290.00.20

Notes

· Saline version possible on request for specific projects

Dimensions





Monochrome illumination

Under- and overwater operations

#	Color	Lumen
4.0290.15.21	6.000K cold white	3550 lm
4.0290.15.22	3.000K warm white	2900 lm
4.0290.15.23	4.500K neutral white	3100 lm

Specifications	
LED	8 POW-LED
WATT	total 26 W
POWER	230 V
BEAM	50° symmetrisch
CABLE	UW, 3x1,5 qmm

Control gear
Inclusive (230 V)

Underwater environments only

#	Color	Lumen
4.0290.15.11	6.000K cold white	4600 lm
4.0290.15.12	3.000K warm white	3760 lm
4.0290.15.13	4.500K neutral white	3760 lm

Specifications	
LED	8 POW-LED
WATT	total 35 W
POWER	230 V
BEAM	50° symmetrisch
CABLE	UW, 3x1,5 qmm

Control gear
Inclusive (230 V)

Dynamic illumination

Under- and overwater operations

#	Color	Lumen
4.0290.15.41	RGB-CW cold white 6000K	cold white: 870 lm
4.0290.15.42	RGB-WW warm white 3000K	warm white: 750 lm
4.0290.15.43	RGB-NW neutral white 4500K	neutral white: 810 lm

Specifications	
LED	8 Multichip POW-LED
WATT	all on 32 W
POWER	CC 350mA @12 V-DC
BEAM	50° symmetrisch
CABLE	UW, 10x0,5 qmm

Control gear	Details
5.0635.19.52 max 1	➜ 216