

Surface-mounted Spotlight

## 4.0490

The dimensions and construction of the largest underwater surface-mounted spotlight in the Centum family are incomparable. With its enormous light output of almost 19,000 lumen, it illuminates high water-jets and fountains up to 50 metres high. It counters the pressure of falling water masses with the highest resistance (IK10 and IP69). Up to a depth of 25 metres, the extremely robust continuously swivelling spotlight (with fixing option) provides magical architectural lighting from the water. White and RGBW are available as light colours.



1:1 SCALE



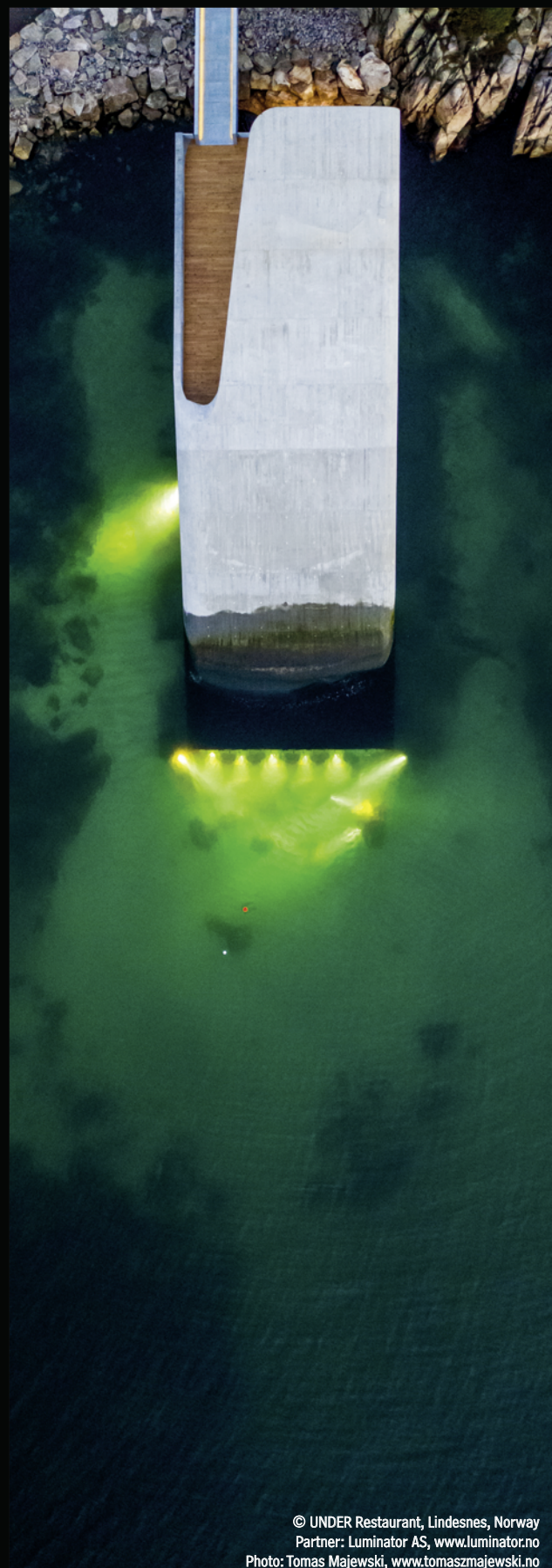
**WIBRE**  
Made in Germany



4.0490 | Surface-mounted Spotlight

## Up to 18600 lumen – Perfect for fountains and waterside architecture

- Protection class IP68 – up to 25m 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
- Multichip POW-LED RGB-W
- Operating mode: constant current
- Temperature controlled (onboard)
- Surge protection
- Rotationally symmetric light distribution
- ...
- Constant-current power source/RGB controller external
- Supplied with 5 m of underwater cable

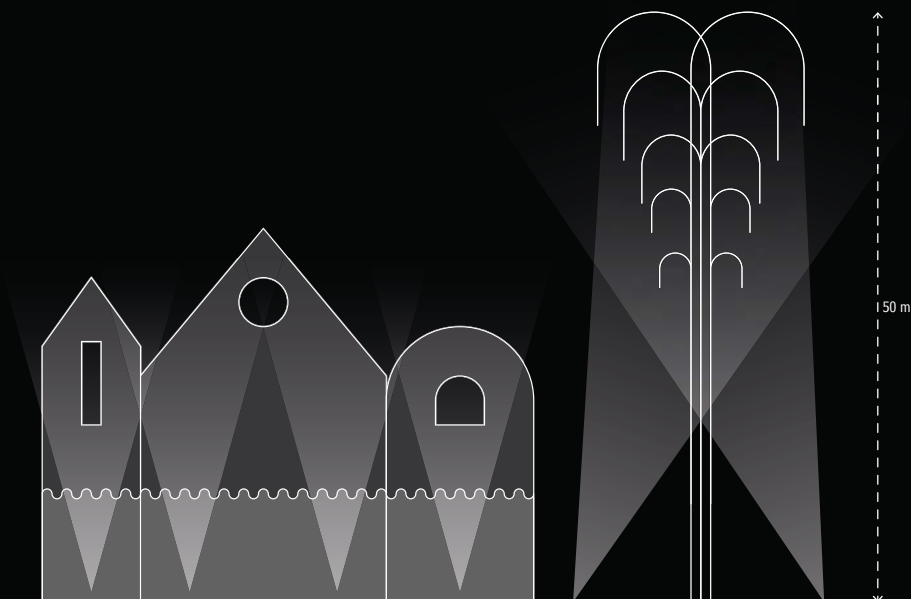


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Partner: Luminator AS, [www.luminator.no](http://www.luminator.no)  
Photo: Tomas Majewski, [www.tomaszmajewski.no](http://www.tomaszmajewski.no)



## Typical applications

For illuminating fountains up to a maximum height of 50 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 from the water.



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### Colour temperatures



STANDARD

6000K  
cold white

4500K  
neutral white

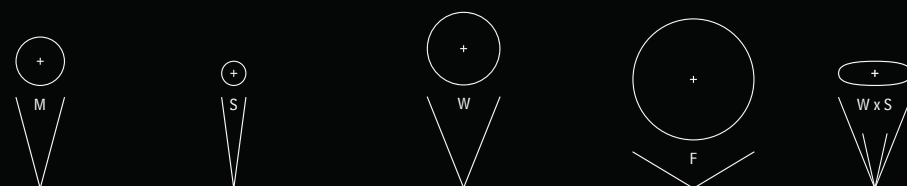
3000K  
warm white

RGB-6000K  
+ cold white

RGB-4500K  
+ neutral white

RGB-3000K  
+ warm white

### Beam angles



STANDARD

medium 25°  
symmetrical

OPTIONS

spot 10°  
symmetrical

wide 50°  
symmetrical

flood ≈120°  
symmetrical

wide x spot 50x15°  
elliptical

### Additional parts



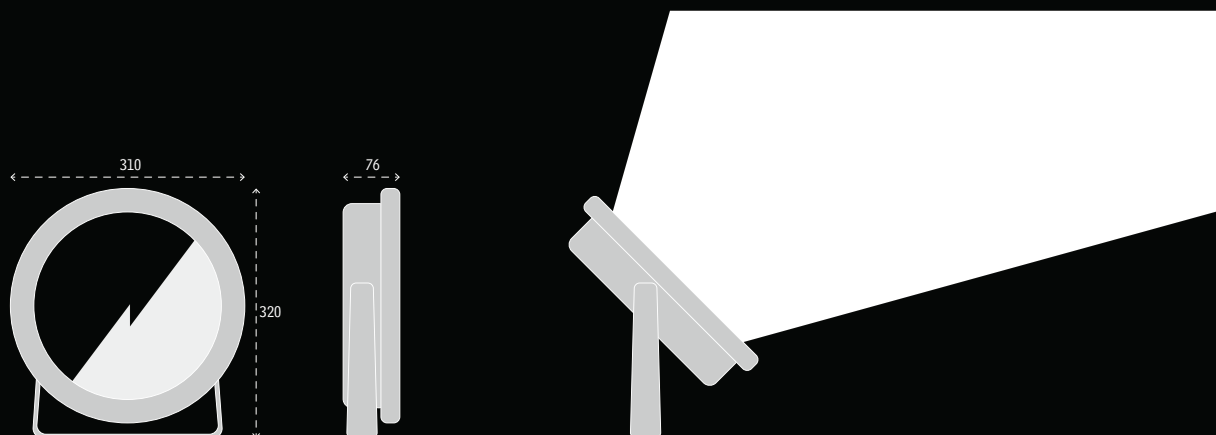
OPTIONS

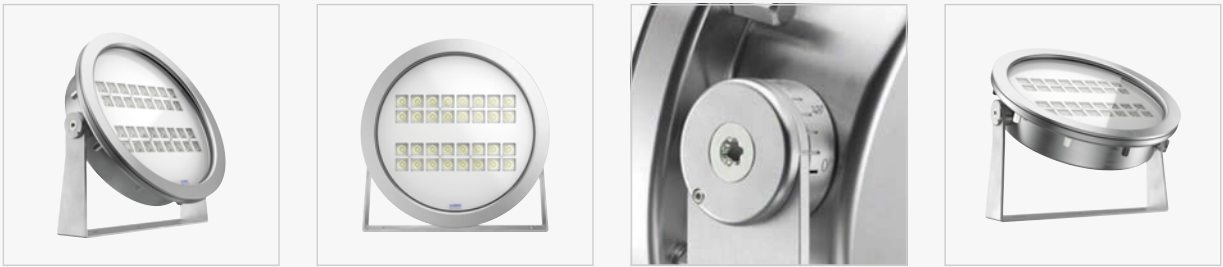
Additional disc, frosted  
for softer light distribution (light  
loss approx. -15%)  
for spotlight 4.0490 and 4.0492  
**9.0490.00.20**

### Notes

- Saline version possible on request for specific projects
- Dimmable power supply units on request

### Dimensions





IP68  
IP69

IK10

STAINLESS  
STEEL V4A  
1.4571  
316Ti

ELECTRO  
POLISHED

3.000 K  
4.500 K  
6.000 K

RGB-W

DALI  
1-10 V  
OPTIONAL  
DIMM

CONSTANT  
CURRENT  
KONSTANT  
STROM

max 25m

CABLE  
INCL.

↓

90°

CE

III

Monochrome illumination

Underwater environments only

| #            | Color               | Lumen    | Specifications |               | Control gear       | Details |
|--------------|---------------------|----------|----------------|---------------|--------------------|---------|
| 4.0490.00.11 | 6000K cold white    | 18600 lm | LED            | 32 POW-LED    | 5.0630.10.32 max 1 | → 210   |
| 4.0490.00.12 | 3000K warm white    | 15040 lm | WATT           | total 120 W   |                    |         |
| 4.0490.00.13 | 4500K neutral white | 16080 lm | POWER          | CV 12 V-DC    |                    |         |
|              |                     |          | BEAM           | 25° medium    |                    |         |
|              |                     |          | CABLE          | UW, 2x4,0 qmm |                    |         |

Dynamic illumination

Underwater environments only

| #            | Color                      | Lumen                  | Specifications |                      | Control gear       | Details |
|--------------|----------------------------|------------------------|----------------|----------------------|--------------------|---------|
| 4.0490.00.41 | RGB-CW cold white 6000K    | cold white: 4640 lm    | LED            | 32 Multichip POW-LED | 5.0670.49.52 max 1 | → 216   |
| 4.0490.00.42 | RGB-CW warm white 3000K    | warm white: 4020 lm    | WATT           | all on 150 W         |                    |         |
| 4.0490.00.43 | RGB-CW neutral white 4500K | neutral white: 4320 lm | POWER          | CC max 24 V-DC       |                    |         |
|              |                            |                        | BEAM           | 25° medium           |                    |         |
|              |                            |                        | CABLE          | UW, 10x1,0 qmm       |                    |         |