

# WIBRE



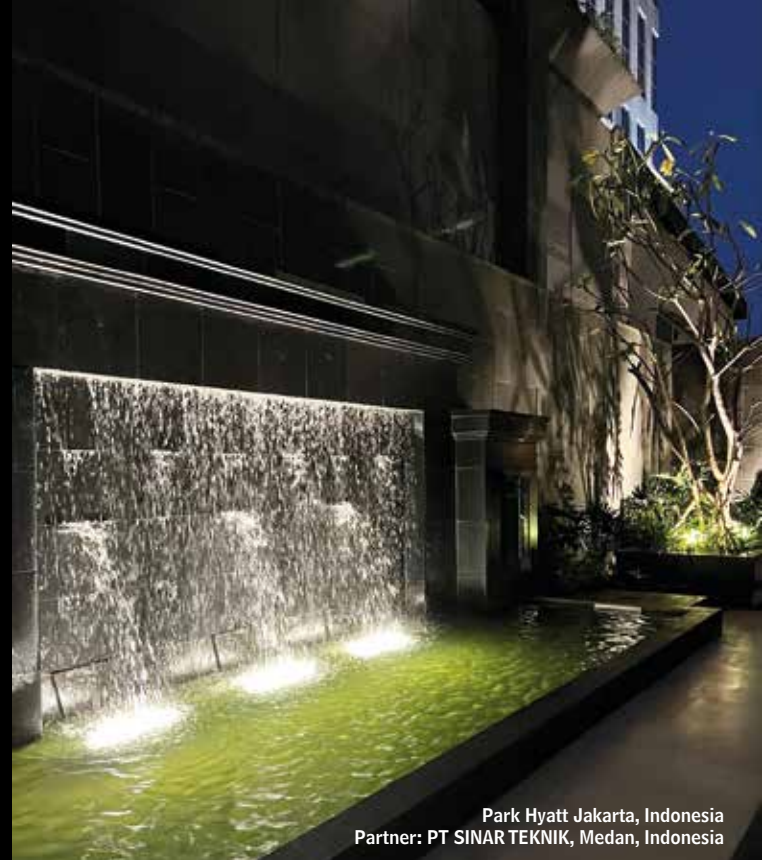
**Think LINEAR.**

**The New 502.**

LINEAR FULL AREA ILLUMINATION.  
POWERFUL - WIDE - SHADELESS.



Parkhotel Vitznau, Switzerland



Park Hyatt Jakarta, Indonesia  
Partner: PT SINAR TEKNIK, Medan, Indonesia

## Swimming pool Light

# 4.0502

Reliable planning, clear, straightforward. A versatile, cost-optimising and uncompromising underwater recessed spotlight. This is the 502 - an elegant-looking linear luminaire from the Centum family for medium-sized and larger pools as well as other underwater areas. Combined with carefully selected lenses, twelve linearly positioned HighEnd multichips create a particularly wide and homogeneous image of light throughout the entire water surface as well as intensive illumination of the pool floor. And yet dark areas in the pool are practically avoided. The extremely flat stainless steel screen with safe, rounded corners makes a significant contribution to the design in trendy elongated pools.

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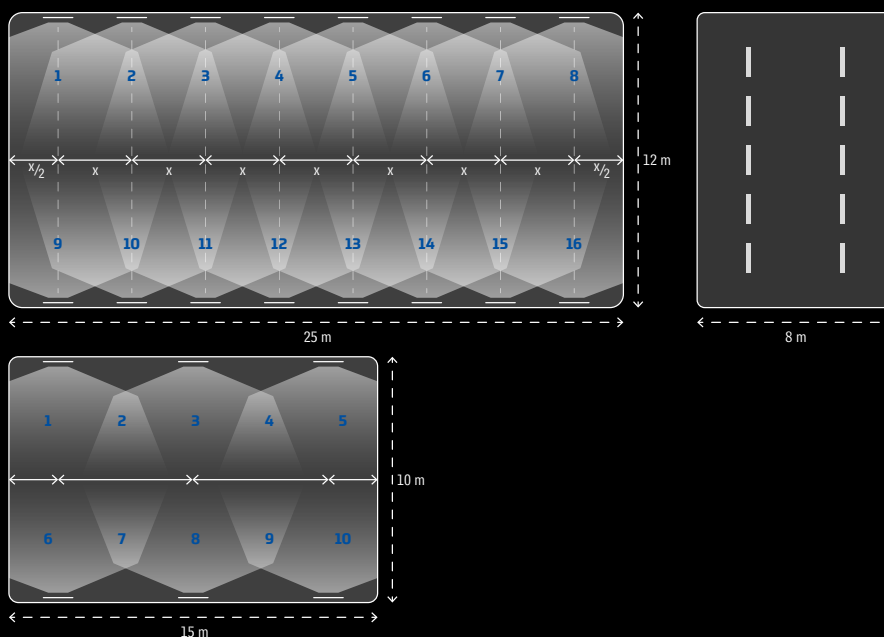
4.0502 | Swimming pool Light

## Up to 6900 lumen – Linear full area illumination - shadeless

- Protection class IP68 – up to 10 m water depth
- Protection class IP69 - protection against high pressure and high jet water temperatures
- Entirely made of stainless steel 316Ti 1.4571, electropolished
- Rectangular attachment cover, made of stainless steel 316Ti, height 2 mm
- ...
- POW-LED cold white, warm white, neutral white
- Multichip POW-LED RGB-W
- operating mode: constant current
- temperature controlled (onboard)
- surge protection
- light distribution especially for swimming pool lighting "asymmetric Mixflux"
- alternatively beam angle 20° medium-spot
- ...
- Constant-current power source/RGB-W-controller ordered separately
- Installation housing made of stainless steel 316Ti with 1.5 m cable protection tube
- Supplied with 5 m of special underwater cable

### Typical applications

For pool widths of 8 metres and more, it is advisable to arrange the spotlights opposite each other, the spacing of which depends on the illumination to be achieved and on the budget and can thus be defined individually. Positioning is either parallel or offset. For narrower pools, a one-sided arrangement is recommended. To enhance the appearance or as an orientation light, the symmetrical version can also be integrated into the pool floor.



## 4.0502 | Swimming pool Light



Underwater environments only

### Monochrome illumination

#### Beam Angle MixFlux

#	Color	Lumen
4.0502.30.11	6000K cold white	6900 lm
4.0502.30.12	3000K warm white	5640 lm
4.0502.30.13	4500K neutral white	6036 lm

#### Specifications

LED	12 POW-LED
WATT	total 47 W
POWER	CC 3600mA @12 V-DC
BEAM	asymmetric Mixflux
CABLE	UW, 2x2,5 qmm

#### Control gear

5.0630.10.12 max 1	→ <a href="#">www</a>
5.0630.11.12 max 1	

#### Beam Angle 20° (medium-spot)

#	Color	Lumen
4.0502.31.11	6000K cold white	6900 lm
4.0502.31.12	3000K warm white	5640 lm
4.0502.31.13	4500K neutral white	6036 lm

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#### Control gear

5.0630.10.12 max 1	→ <a href="#">www</a>
5.0630.11.12 max 1	

### Dynamic illumination

#### Beam Angle MixFlux

#	Color	Lumen
4.0502.30.41	RGB-CW cold white 6000K	cold white: 2100 lm
4.0502.30.42	RGB-WW warm white 3000K	warm white: 1800 lm
4.0502.30.43	RGB-NW neutral white 4500K	neutral white: 1920 lm

#### Specifications

LED	12 Multichip POW-LED
WATT	all on 50 W
POWER	CC 1050mA @12 V-DC
BEAM	asymmetric Mixflux
CABLE	UW, 10x0,5 qmm

#### Control gear

5.0610.19.52 max 1	→ <a href="#">www</a>
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#### Beam Angle 20° (medium-spot)

#	Color	Lumen
4.0502.31.41	RGB-CW cold white 6000K	cold white: 2100 lm
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#### Specifications

LED	12 Multichip POW-LED
WATT	all on 50 W
POWER	CC 1050mA @12 V-DC
BEAM	20° medium-spot
CABLE	UW, 10x0,5 qmm

#### Control gear

5.0610.19.52 max 1	→ <a href="#">www</a>
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### Installation housings



Concrete pools with tile covering



Facing concrete pools



Stainless steel pools

#### 4.0502.01.00

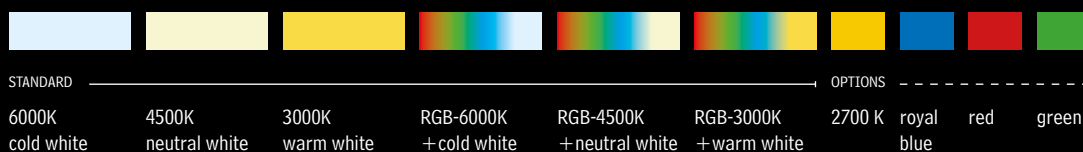
made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for installation in concrete pools with tile covering and for facing concrete

#### 4.0502.04.00

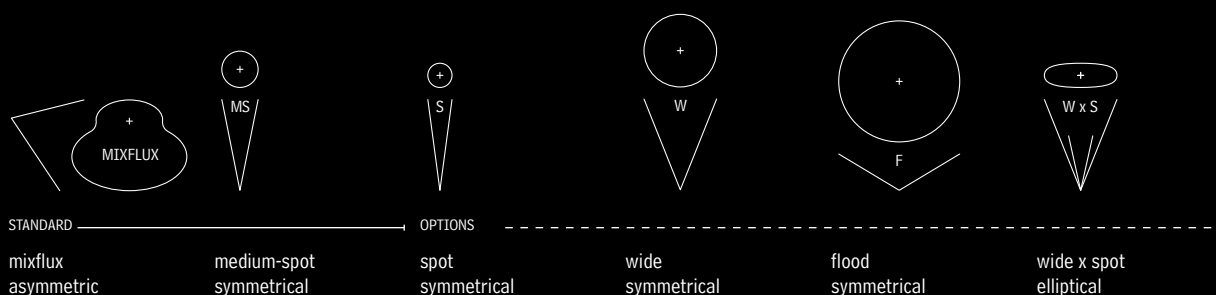
made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for welding into stainless steel pools

## 4.0502 | Swimming pool Light

### Colour temperatures



### Beam angles



### Additional parts

### Notes



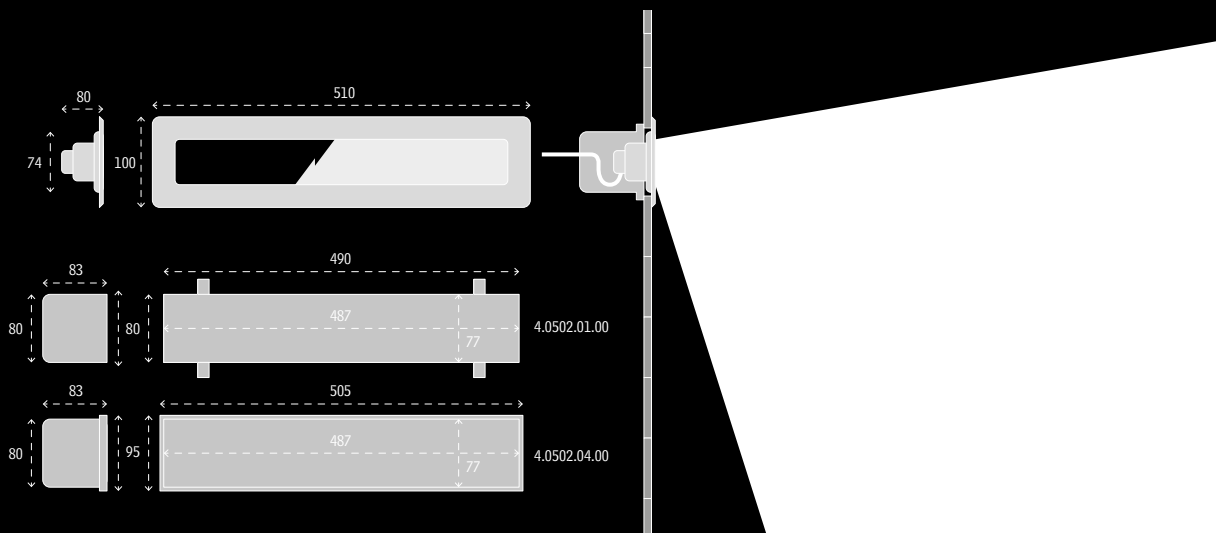
OPTIONS ----->

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

92.40502.0010

- Up to 2.5 m of cable can be stowed in the installation housing.
- Installation housing for other installation types on request

### Dimensions



## Three white tones possible even with RGB-W

The dimmable monochrome version provides the colour temperatures warm white, neutral white and cold white and ensures thus adequate lighting to a wide variety of surfaces. The RGB-W version also has three shades of white in addition to coloured light.

## Symmetrical light distribution complements MixFlux optics

As an alternative to the asymmetrical MixFlux beam angle, which minimises light pollution, variants of any kind are also available with a symmetrical light distribution of around 20 degrees. These are the right choice for installation in the pool floor, in shallow pools, in fountains and other water installations.

## Shaping and reliable

The extremely flat 2 mm stainless steel cover with its flat edge made of ultra-clear toughened safety glass determines the shape of the product and the pool. The solid 316Ti stainless steel body is robust for eternity and keeps any foreign objects away from the interior to ensure that such beauty can be enjoyed in the long term.

## An individual design element

The linear recessed underwater spotlight 502 is equipped with all the proven WIBRE features. Its design, built-in housing and installation are witness to experience and point the way to the future. Intended primarily for larger pools, the luminaire also proves to be an individual stylistic element in all other pool sizes thanks to its relatively compact size (510 x 100 mm), linearity and clear design. The spotlight also presents various other water areas in the right light.



## For pools of high appeal

Elongated pools are trendy and pose a challenge to linear lighting. Unlike round spotlights, the individual light cones are hardly noticeable and instead combine on the water surface to form an almost homogeneous light image that puts the attractive pool shape in the foreground.

## Good things can be so simple

Installation and maintenance of the spotlight are totally uncomplicated. Draining the water prior to inspection work is not necessary, since the built-in housing can safely accommodate 2.5 metres of cable. The luminaire 502 can be installed in water up to 10 m deep and up to a water temperature of 40°C.

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# WIBRE

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