

Swimming pool Light

## 4.0502

Purposeful, clear, straightforward.  
A luminaire without ifs and buts.  
This is the 502 - a linear luminaire for swimming pools and other underwater areas. Twelve HighEnd multichips, linear arranged, surrounded by carefully selected lenses create a wide and homogeneous light field on the entire water surface, as well as a powerful illumination of the pool floor. The linear shape minimises dark areas in the pool. And it cuts a noble figure at the same time. The extremely flat stainless steel cover with safe, rounded corners contributes significantly to the design in long pools.



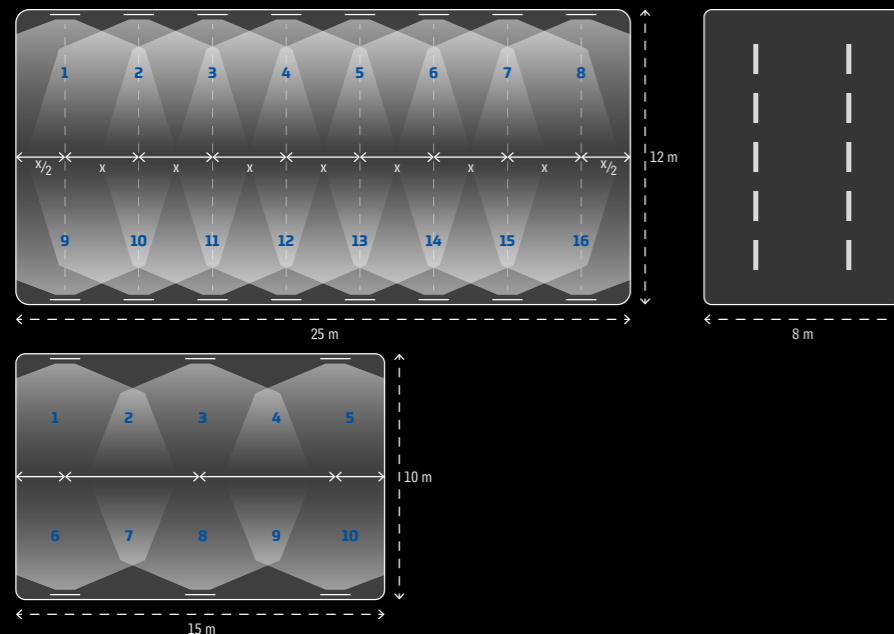
#### 4.0502 | Swimming pool Light

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

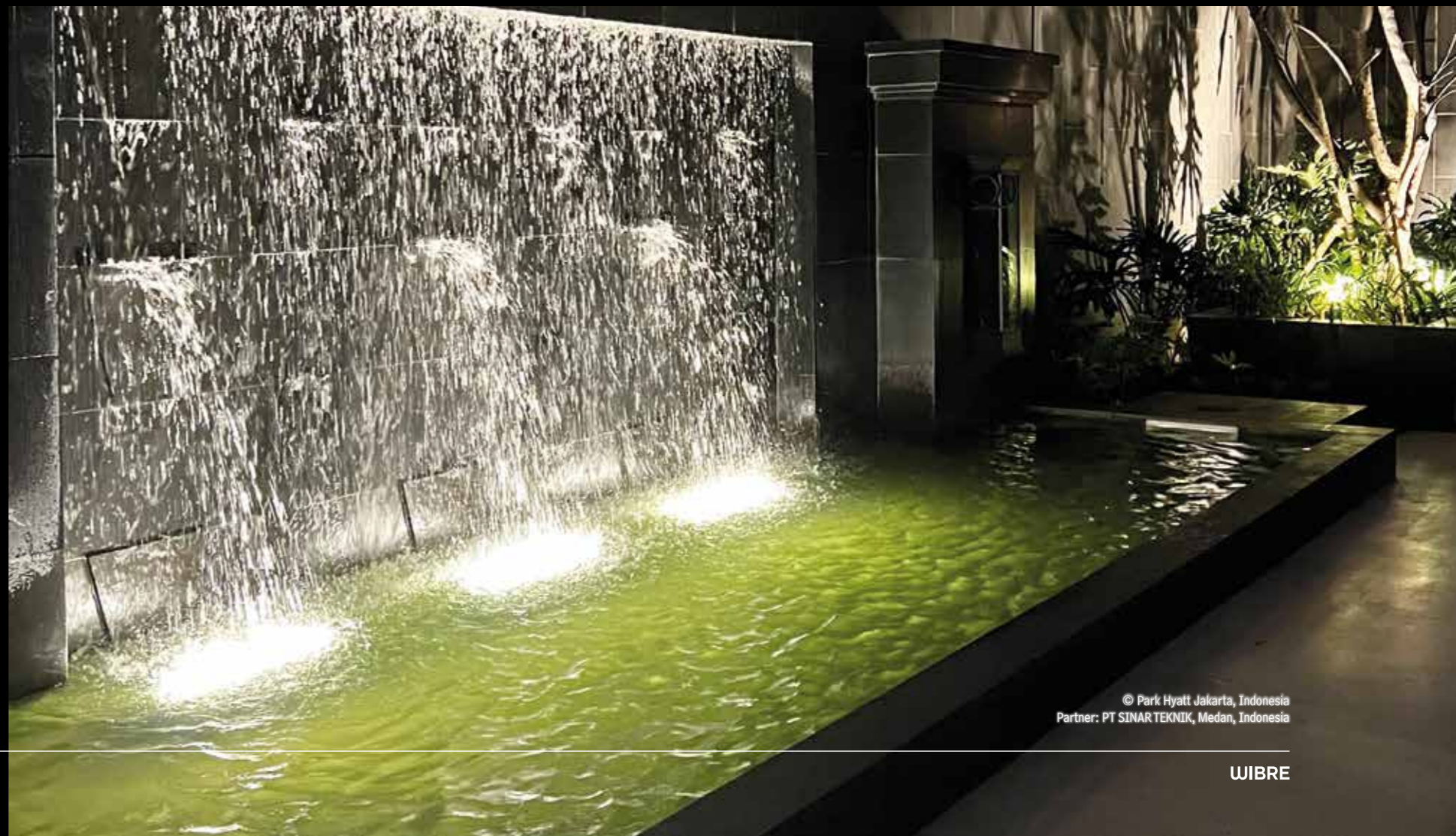
- Protection class IP68 – up to 10 m water depth
- Protection class IP69 - protection against high pressure and high jet water temperatures
- Entirely made of stainless steel 316Ti 1.4571, electropolished
- Rectangular attachment cover, made of stainless steel 316Ti, height 2 mm
- ...
- POW-LED cold 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

Starting from a pool width of 8 metres, choose an opposite arrangement of the spotlights. The distance can be defined variably, as desired. The wide light beam is designed to minimise dark areas in the pool. The positioning can be parallel or offset. For narrower pools, a one-sided arrangement makes sense. In addition, the symmetrical version can be used in the bottom of the pool. As a visual booster and as an orientation light. Additional many application possibilities, such as fountains, water features, etc., are provided.



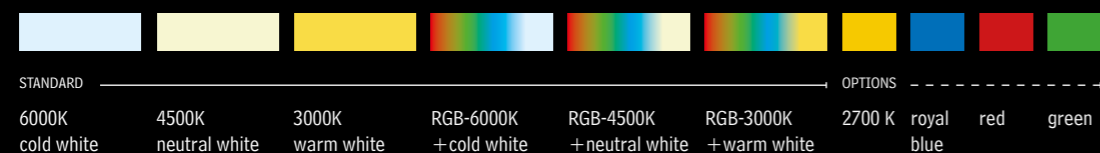
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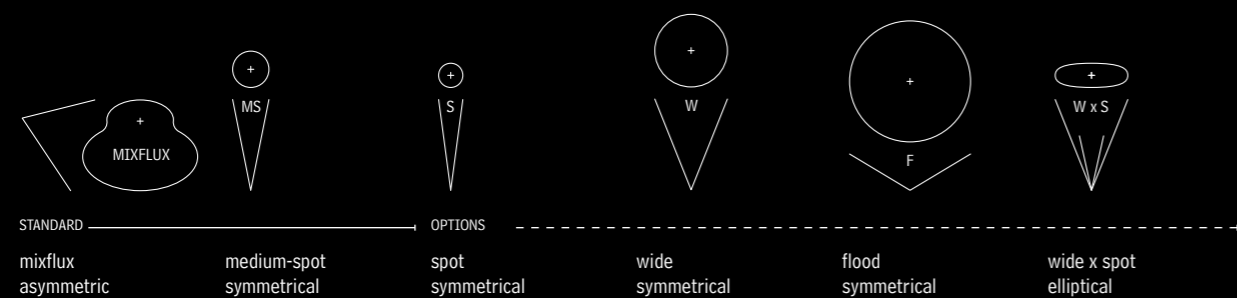
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Partner: PT SINAR TEKNIK, Medan, Indonesia

WIBRE

### Colour temperatures



### Beam angles



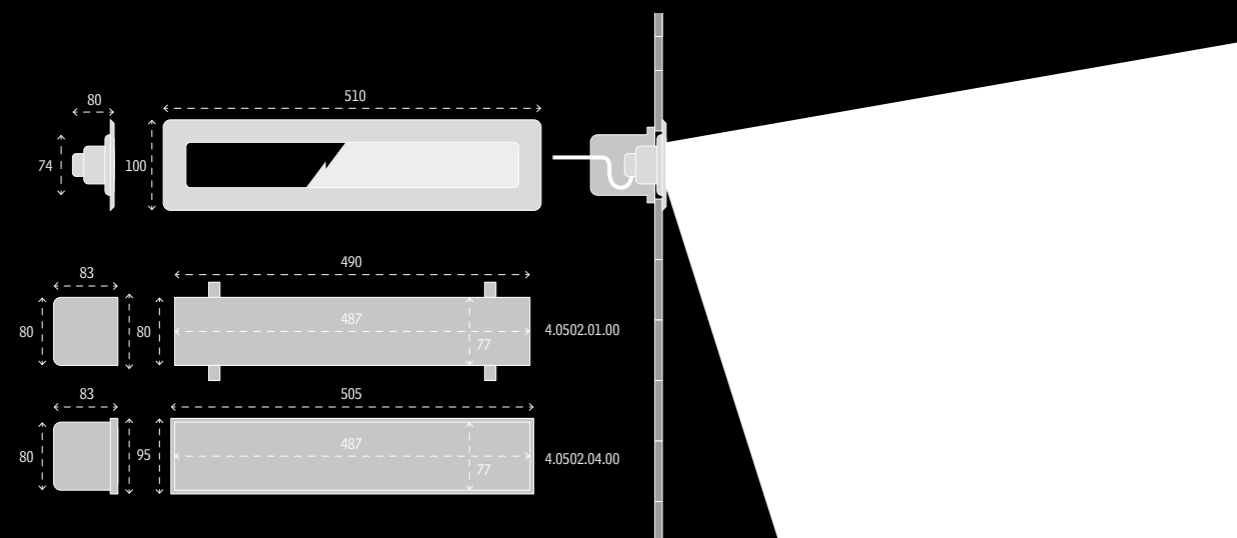
### Additional parts

Additional disc, frosted for softer light distribution (light loss approx. -15%)  
**92.40502.0010**

### Notes

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

### Dimensions



IP68 IP69 IK10 STAINLESS STEEL V4A 1.4571 316Ti 3.000 K 4.500 K 6.000 K RGB-W CONSTANT CURRENT KONSTANT STROM DALI 1-10 V OPTIONAL DIMM CABLE INCL. max 10m

Underwater environments only

### Monochrome illumination

#### Beam Angle MixFlux

#	Color	Lumen	LED	Watt	Specifications	Control gear	Details
4.0502.30.11	6000K cold white	6900 lm	12 POW-LED	total 47 W	POWER CC 3600mA @12 V-DC	5.0630.10.12 max 1 5.0630.11.12 max 1	→ 210
4.0502.30.12	3000K warm white	5640 lm			BEAM asymmetric Mixflux		
4.0502.30.13	4500K neutral white	6036 lm			CABLE UW, 2x2,5 qmm		

#### Beam Angle 20° (medium-spot)

#	Color	Lumen	LED	Watt	Specifications	Control gear	Details
4.0502.31.11	6000K cold white	6900 lm	12 POW-LED	total 47 W	POWER CC 3600mA @12 V-DC	5.0630.10.12 max 1 5.0630.11.12 max 1	→ 210
4.0502.31.12	3000K warm white	5640 lm			BEAM 20° medium-spot		
4.0502.31.13	4500K neutral white	6036 lm			CABLE UW, 2x2,5 qmm		

### Dynamic illumination

#### Beam Angle MixFlux

#	Color	Lumen	Specifications	Control gear	Details
4.0502.30.41	RGB-CW cold white 6000K	cold white: 2100 lm	LED 12 Multichip POW-LED	5.0610.19.52 max 1	→ web
4.0502.30.42	RGB-WW warm white 3000K	warm white: 1800 lm	WATT all on 50 W		
4.0502.30.43	RGB-NW neutral white 4500K	neutral white: 1920 lm	POWER CC 1050mA @12 V-DC BEAM asymmetric Mixflux CABLE UW, 10x0,5 qmm		

#### Beam Angle 20° (medium-spot)

#	Color	Lumen	Specifications	Control gear	Details
4.0502.31.41	RGB-CW cold white 6000K	cold white: 2100 lm	LED 12 Multichip POW-LED	5.0610.19.52 max 1	→ web
4.0502.31.42	RGB-WW warm white 3000K	warm white: 1800 lm	WATT all on 50 W		
4.0502.31.43	RGB-NW neutral white 4500K	neutral white: 1920 lm	POWER CC 1050mA @12 V-DC BEAM 20° medium-spot CABLE UW, 10x0,5 qmm		

### Installation housings

Concrete pools with tile covering

Facing concrete pools

Stainless steel pools

<p><b>4.0502.01.00</b></p> <p>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</p>	<p><b>4.0502.04.00</b></p> <p>made of V4A stainless steel with 1.5 m protective cable tube and M20 plastic terminating connection, for welding into stainless steel pools</p>
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