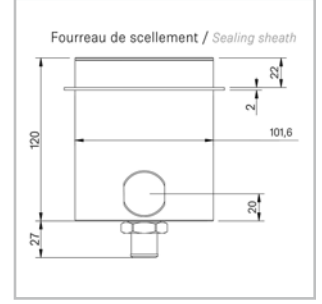
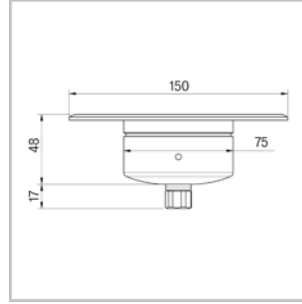
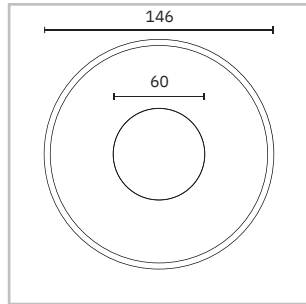




# TALOS



### Dynamique

	RGBW (4000k)	RGBW (3000k)	Blanc dynamique
Power supply	700mA*		
Power	40W max		
Initial flow (lm)	2165		
Average LED lifespan	L90 B10 60000h		
Connection	Serie**		
Cable	9x0.22mm <sup>2</sup> - 5m resin-coated		
Code	TA30252Z	TA30260W	TA30275X

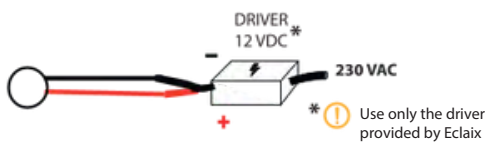
### Option

Sealing Sheath	TA600
ACS food cable	CABLE05
Custom cable	On request
Anti-electrolysis hubcap	On request
End of sheath cable gland	CABLE GLAND
Flexible sheath	SHEATH
Soft diffusion - sandblasted glass	TA605

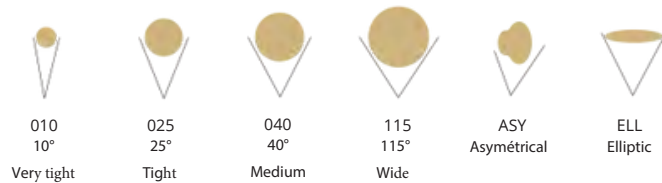
### Monochrome constant voltage

	2700°K	3000°K	4000°K	6000°K
Power supply	@12VDC-500mA			
Power	18W			
Initial flow (lm)	2165			
Average LED lifespan	L90 B10 60000h			
Connection	Parallel**			
Cable	3x0.5mm <sup>2</sup> - 5m resin-coated			
Code	Inox 316L Electropoli : TA00203			

### 12VDC wiring



### Angle

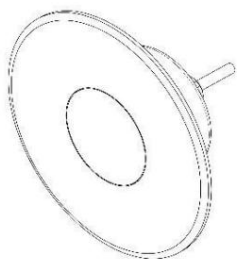


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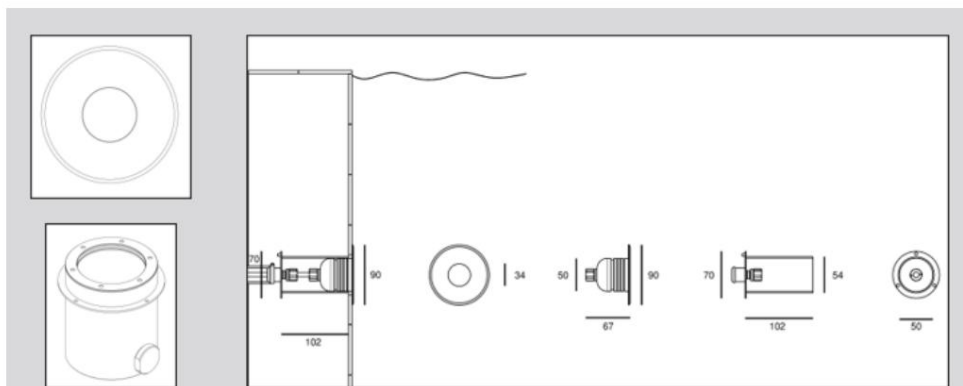
can only be used underwater at a maximum temperature of 40°

(\*) Works only with a safety transformer  
(\*\*) See installation manual



## TALOS recessed spotlight

### Recessed-Spotlight



### 1. Application

Recessed spotlight for lighting and staging in swimming pools, jacuzzis, fountains, or aquatic features. This spotlight is suitable for use up to a depth of 20m.

Construction entirely made of electropolished 316L stainless steel. The projector can be used in fresh water, chlorinated water, and salt water. It is important to protect the projector from frost, and the water used must be free of elements that are aggressive to metals. The flush-mounting box is required for installation and must be selected according to the type of mounting. Accessories (power supplies, etc.) are available as options.

#### Attention!

This spotlight only works underwater up to a maximum water temperature of 40°C. The connected cables must not be removed or shortened. The standard cable length is 5 m, please specify the desired length when requesting a quote. It is strongly recommended not to make cable connections in the flush-mounted box or cable duct. It is recommended to use a surge unit and an isolation transformer for the entire technical lighting installation to ensure adequate electrical isolation (protective isolation). During installation, ensure sufficient protection against electrostatic discharge.

### 2. Technical characteristics/Construction

- IP68 protection rating – up to a depth of 20 m
- Complete in 316L stainless steel
- Round hubcap in 316L stainless steel, 2.5 mm thick
- Multichip POW-LED RGBW 700 mA
- Multichip POW-LED dynamic white 700 mA
- Multichip POW-LED 12VDC – 2700K / 3000K / 4000K / 6500K
- Operating mode: @12 VDC - 500 mA
- Voltage limiter
- Broad rotational symmetry light scattering
- Cable gland, 316L stainless steel
- DC power supply/External RGBW controller
- LED and 5 m submersible cables (standard) included in delivery
- Flush-mounted box to be ordered separately!

### 3. Installation/Assembly

Comply with the applicable national safety regulations. We accept no liability for improper use or installation. We also disclaim any liability for modifications made on the light fixtures.

Mounting options for the spotlight in conjunction with the matching recessed housing made of electropolished 316L stainless steel for installation in the wall or floor of tiled concrete pools (max. tile/mortar height 15 mm).

#### Installation in concrete basins

Position and fix the flush -mounting box on the rear formwork (earth side) according to the markings shown. It is essential to maintain precise alignment, as shown in diagram (3.2), between the flush-mounting box and the formwork wall, for the subsequent installation of the projector. If necessary, ensure that the external base is sealed, for example by using silicone, to prevent dirt from entering the flush-mounting boxes.

Secure the plastic end cap to the rear formwork. Check that the embedding box, the cable protection sleeve with clamps, and the plastic end cap are properly secured. **(3.1/3.2)**

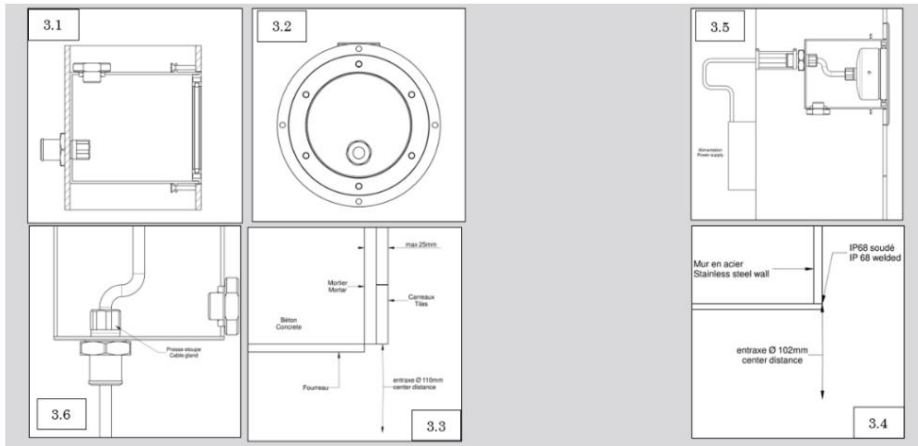
After concreting the pool and removing the formwork, apply the mortar and lay the tiles so that they extend up to the maximum internal diameter (Ø60 mm) of the recessed box. Ensure that the height of the mortar and tiles does not exceed 15 mm **(3.3)**.

#### Installation in stainless steel pools

Determine the position of the spotlights and cut a corresponding opening with a diameter of 54 mm in the pool wall. Position and fix the flush-mounted box according to the markings shown. Fix the plastic end cap to the end of the cable protection sheath. It is essential to maintain precise alignment, as shown in diagram **(3.2)**, between the flush-mounted box and the formwork wall, for subsequent installation of the spotlight.

Check that the flush-mounted box, the cable protection sleeve with clamps, and the plastic end cap are properly secured.

Weld the housing to the pool wall to ensure watertightness and achieve protection rating IP68 **(3.4)**.



### Installation in pools with glued coating/liner

Position and fix the flush-mounted housing with the adhesive flange on the front formwork (water side) according to the markings shown. The precise alignment (according to diagram 3.2.) of the flush-mounted housing on the formwork wall must be observed for subsequent installation of the spotlight. If necessary, seal the outer base, e.g. with silicone, to prevent dirt from entering the flush-mounted housing.

Attach the plastic end cap to the rear formwork. 3.1. Check that the flush-mounted box, the cable protection sleeve with clamps, and the plastic end cap are securely fastened. After concreting the pool and removing the formwork, lay the bonded liner up to the inner edge of the flush-mounted box. Please do not use the bonding foil on the fixing holes. If necessary, the bonding flange must be pre-treated to improve adhesion. This information can be found in the instructions for use for the material used. 3.5.

### Projector Mounting

Insert the underwater cable into the internal cable connection of the flush-mounted box, into the cable protection sleeve, and wind approximately 150 mm of cable into the flush-mounted box. Tighten the cable gland firmly to seal the cable (3.6). Fill the pool until the sleeve is submerged and insert the TALOS into the flush-mounted box, until the TALOS seal stops.

**Caution :** Use only factory-connected cables. Indicate the desired cable length when ordering. Connect the individual conductors to the power supply units as specified. (3.5)

For the maximum number of projectors and connection type, see the manual for the corresponding power supply unit.

### 4. General maintenance instructions

- When cleaning, the projector must not come into contact with detergents that are aggressive against metals.  
The use of hydrochloric acid-based detergents on and near stainless steel projector parts is strictly prohibited.

- Clean the projector and mounting box regularly to avoid any oxidation deposits.
- Caution: Do not use a high-pressure cleaner
- Caution: Protect the projectors from frost; if necessary, dismantle them or provide special protection.
- Depending on the load (power, environmental circumstances), it is recommended to change the glass seals and the cable every 5 to 8 years.

### 5. Warranty conditions

Our warranty conditions can be found on the corresponding product warranty card and under <https://www.eclairx.com>

### 6. Important Notes (The Warranty is void if the following points are not complied with)

- The absence of transport damage must be checked before installation.
- All assembly and installation work, as well as electrical work, must be carried out by qualified personnel.
- To avoid any danger, a damaged external flexible cable of the projector can only be replaced by the manufacturer, its service representative or a qualified specialist recognized by ECLAIX.
- The light source of this luminaire can only be replaced by the manufacturer or a qualified technician recognized by ECLAIX.
- To avoid rust deposits, use only stainless steel tools.
- The TALOS cable length must be chosen so that it is not necessary to extend it in water or a humid environment. Any subsequent complaints on this basis will not be accepted.
- Only original ECLAIX equipment must be used.
- A mounting distance of 15 cm between the equipment is strongly recommended to avoid mutual heating.
- The equipment must be connected without current, otherwise discharges in the power supply could cause damage to the LEDs. No primary voltage must be established when changing the LEDs.
- Please observe measures against electrostatic discharge during all work on projectors, equipment and LEDs.