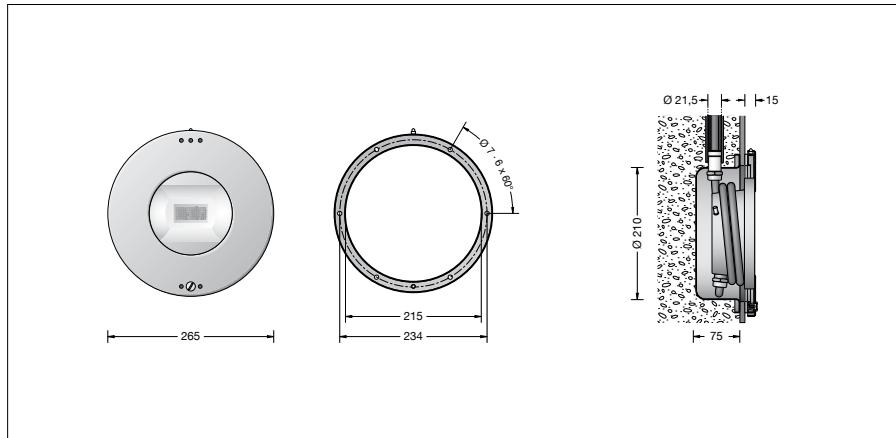
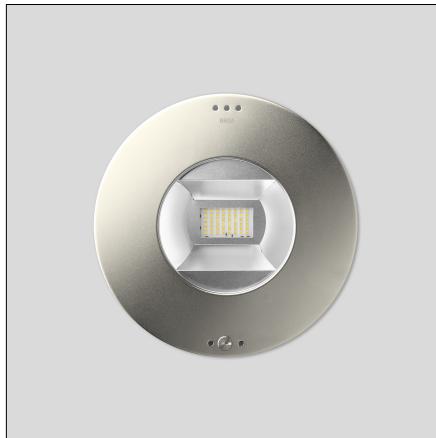


Project · Reference number

Date



Product data sheet

Application

Recessed swimming pool luminaire for the illumination of public and private swimming and bathing pools with drinking water supply.

- Pool with wall tiles
- Pool with film lining
- Metal or synthetic pool

Please note:

The luminaire is intended solely for use under water. Recommended installation depth 400 to 700 mm below the water surface.

The requirements set out in IEC 60364-7-702 (e.g. areas, ambient zones, etc.) are mandatory for the correct installation of the luminaire.

Direct or indirect contact with base foreign metals via swimming pool water, tools, etc. must be prevented.

For water in swimming pools and bathing pools in accordance with DIN 19643 and typical pool water temperatures (max. 40 °C), the luminaire can be used in water with a chloride ion concentration of up to 500 mg/l.

The swimming pool luminaire is not suitable for brine pools, salt water pools or salt water electrolysis disinfection.

A 24 V safety direct voltage source with a smoothed residual ripple of max. 10 % is required for the operation of the luminaire – see accessories.

Product description

Swimming pool luminaire made of stainless steel – material no. 1.4404 – electropolished Safety glass, clear

Silicone gasket

Reflector made of pure anodised aluminium 3 m Connecting cable 05RN8-F 2 x 1[□] suitable for laying underwater

Shell colour blue

Installation and luminaire housing with 1 screw cable gland each

Hose connection on installation housing for soft PVC protective hose ø 20 x 3 mm

PVC protective hose for cable routing must be provided by the customer

BEGA article number 62000250

Safety class III ◊

Protection class IP68 10m · Water pressure tight

Maximum submersion depth 10 m

Weight: 3.2 kg

This product contains light sources of energy efficiency class(es) D

Lamp

Module connected wattage 49.7 W

Luminaire connected wattage 62 W

Rated temperature $t_a = 25^\circ\text{C}$

Ambient temperature $t_{a\ max} = 55^\circ\text{C}$

Voltage 24 V = DC

84 400 K3

Module designation LED-1193/830

Colour temperature 3000 K

Colour rendering index CRI > 80

Module luminous flux 8200 lm

Luminaire luminous flux* 5000 lm

Luminaire luminous efficiency* 80,6 lm/W

* preliminary data

Light technique

Installation depth 400 to 700 mm below water level.

In order to achieve uniform luminance distribution for private swimming pools, we recommend an axis distance of 2.00-3.00 m.

Light distribution

