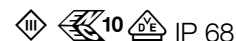


BEGA**99 815**

Swimming pool luminaire RGBW



Project · Reference number

Date

Product data sheet

Application

Recessed swimming pool luminaire with LED RGB W for additive colour mixing 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 water surface.

Direct or indirect contact with baser 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 control unit and 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

3m Connecting cable 07RN8-F 6×0,75[□]

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

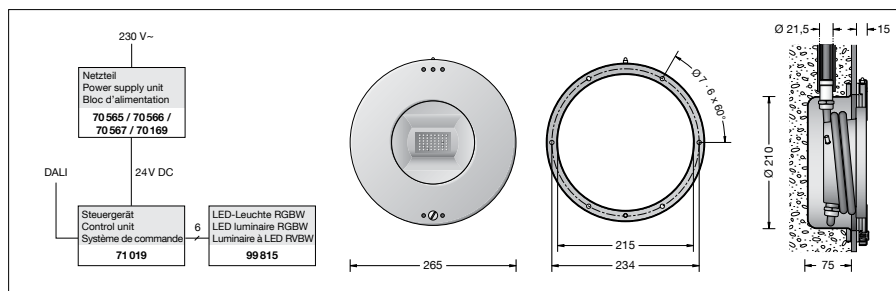
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Safety class III

Protection class IP68 10m · Water pressure tight

Maximum submersion depth 10 m

Weight: 3.2 kg



Lamp

Module connected wattage	25.5 W
Luminaire connected wattage	28 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 60\text{ °C}$
Module designation	LED-1192/RGBW
Colour temperature of the white LED	4000 K
Module luminous flux	1605 lm

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.

Service life of the LED

Ambient temperature $t_a = 25\text{ °C}$
– at 150,000 h: L70B50

max. ambient temperature $t_a = 60\text{ °C}$
– at 40,000 h: L70B50