

BEGA**99 815**

Swimming pool luminaire RGBW

Project · Reference number

Date

Product data sheet

Application

Recessed mounted swimming pool luminaire with LED RGBW for additive colour mixing for illumination of public or private swimming and bathing pools.

- pools with tiled walls
- pools with foil cladding
- metal or plastic pools

Please note:

The luminaire is only suitable for operation under water. Recommended installation depth 400 to 700 mm below water level.

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

Product description

Swimming pool luminaire made of stainless steel
 – steel grade no. 1.4401 – electro polished
 Clear safety glass
 Silicone gasket
 Anodised pure aluminium reflector
 3 m chlorine water resistant connecting cable 07RN8-F 6×0,75² · Sheathing colour blue
 Recessed housing and lamp housing with 1 screw cable gland each
 Hose connection on recessed housing for soft PVC hose ø 28 x 3.5 mm
 The PVC hose is not included and must be provided by others
 BEGA - Order No. 620250
 Safety class III
 Protection class IP 68 10 m
 Water pressure tight
 Maximum immersion depth 10 m
 Weight: 3.2 kg

Light technique

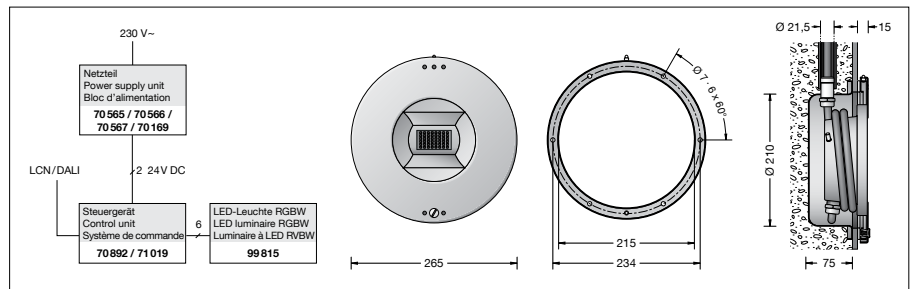
Installation depth 400 to 700 mm below water level.

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

Lamp

Module connected wattage	25.5 W
Luminaire connected wattage	30 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 60\text{ °C}$

Module designation	LED-0354/RGBW
Module luminous flux	1605 lm



Service life · Ambient temperature

Rated temperature $t_a = 25\text{ °C}$	
LED psu:	> 50,000h
LED module:	120,000h (L80B50)

Ambient temperature $t_{a\text{ max}} = 60\text{ °C}$ (100 %)	
LED psu:	50,000h
LED module:	30,000h (L80B50) 50,000h (L70B50)

Accessories

BEGA Safety transformers according to DIN EN 61558/VDE 0570, part 2-6

70 565	Power supply unit for 0- 35 W
70 566	Power supply unit for 0- 50 W
70 567	Power supply unit for 0- 75 W
70 169	Power supply unit for 0- 150 W

70 892	Control unit LCN
71 019	Control unit DALI

70 223 Recessed distribution box for flush installation into floors or in walls. For the installation of cable for the swimming pool luminaire safety class III

For the accessories a separate instructions for use can be provided upon request.