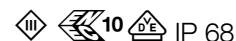


BEGA**84 400**

Swimming pool luminaire



Project · Reference number

Date

Product data sheet

Application


LED recessed mounted swimming pool luminaire 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.

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
 Chlorine water resistant connecting cable
 05RN8-F 2 x 1[□] · Sheathing colour blue
 Cable length 3 m
 Recessed housing and lamp housing with
 1 screw cable gland each
 Hose connection on recessed housing for
 for soft PVC hose \varnothing 28 x 3.5 mm
 The PVC hose is not included and must be
 provided by others
 BEGA - Order No. 62 000 250
 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	51 W
Luminaire connected wattage	62 W
Rated temperature	$t_a = 25 \text{ }^\circ\text{C}$
Ambient temperature	$t_{a \text{ max}} = 45 \text{ }^\circ\text{C}$

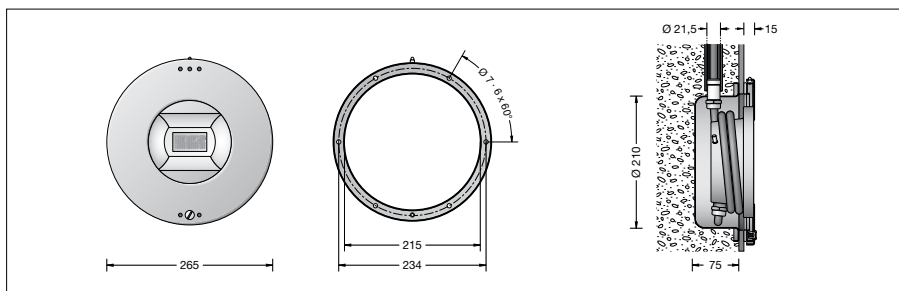
On request we can offer you modifications for environments with higher temperatures as a customized product.

Voltage 24 V = DC

84 400 K3

Module designation	LED-0679/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	6655 lm
Luminaire luminous flux*	4610 lm
Luminaire luminous efficiency*	74,4 lm/W

* preliminary data



Service life of the LED

Ambient temperature $t_a = 25 \text{ }^\circ\text{C}$
 – at 351,000h: L70B50

max. ambient temperature $t_a = 45 \text{ }^\circ\text{C}$
 – at 106,000h: L70B50

Accessories

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

70 567 Power supply unit for 40 - 75 W

70 169 Power supply unit for 70 - 150 W

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.