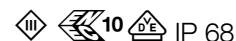


BEGA**99 812**

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

Recommended installation depth
400 to 700 mm below water level.

Product description

Luminaire made of stainless steel
– Steel grade 1.4401 –
Clear safety glass
Silicone gasket
Anodised pure aluminium reflector
3 m chlorine water resistant connecting cable
05RN8-F 2 x 1[□] · Cable colour blue
Recessed housing and lamp housing with
1 screw cable gland each
Hose connection at recessed housing
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. 62000250
Safety class III \diamond
Protection class IP 68 10 m
Dust-tight and water pressure tight
Maximum submersion depth 10 m
Weight: 1.9 kg

Transformer

Connection must only be made to a
safety transformers according to
DIN EN 61558/VDE 0570, part 2-6.
Transformer must be approved for this type of
installation.

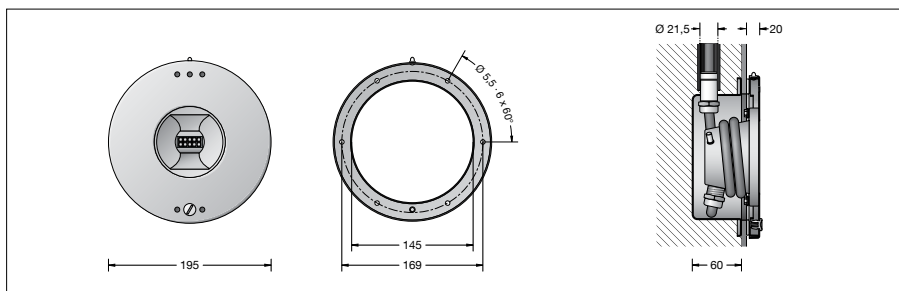
Lamp

Module connected wattage	8.4 W
Luminaire connected wattage	9.9 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a,max} = 65\text{ °C}$
Voltage	24 V = DC

99 812 K3

Module designation	LED-0399/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	1160 lm
Luminaire luminous flux*	815 lm
Luminaire luminous efficiency*	82,3 lm/W

* preliminary data

**Service life of the LED**

Ambient temperature $t_a = 25\text{ °C}$
– at > 500,000h: L70B50

max. ambient temperature $t_a = 65\text{ °C}$
– at 66,000h: L70B50

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.

Accessories

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

70 564 Power supply unit for 0 - 15 W

70 465 Power supply unit for 0 - 25 W

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

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

Light distribution