

Project · Reference number

Date

Application

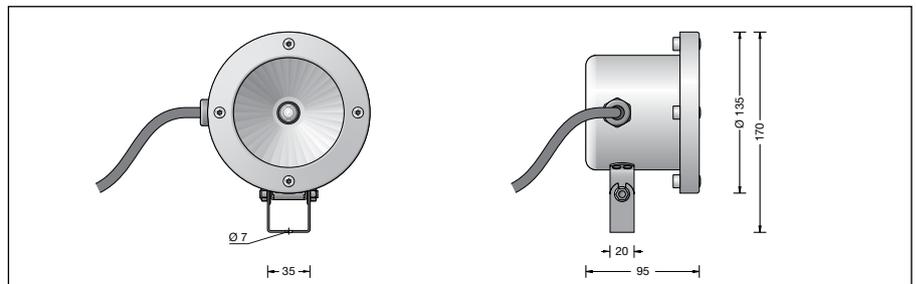
Underwater floodlight equipped with a low voltage tungsten halogen lamp. For the illumination of water displays or water tanks. Water pressure tight for depth of up to 20 m. For coloured light, coloured glasses are available - see BEGA accessories. The floodlight must only be operated under water and must be protected against freezing in. To avoid damages on the surface of the floodlight, the water must have a neutral pH-value and should be free from metal attacking ingredients.

Product description

Luminaire made stainless steel
Steel grade no. 1.4301 – electro polished
Clear safety glass
Silicone gasket
Reflector made of anodised pure aluminium
Swivel range 90°
Fixing bracket with 1 hole \varnothing 7 mm
water-resistant connecting cable
H07RN8-F 2x1,5[□]
Cable length 4 m
1 low voltage tungsten halogen lamp
50 W · 12 V
BEGA special lamp with free line ends
Article no. 650053 V
Safety class III 
Protection class IP 68 20 m
Dust-tight and water pressure tight
Maximum submersion depth 20 m
Impact strength IK08
Protection against mechanical impacts < 5 joule
CE – Conformity mark
Weight: 0.8 kg

Transformer

The connection must only be made to a safety transformer according to DIN EN 61558/VDE 0570 part 1 + part 2-6 and VDE 0100 part 410. The transformer must be approved for this type of installation.

www.bega.com**Light technique**

When designing a lighting installation under water, note that the amount of light absorbed by the water depends on the clarity of the water. Lighting intensity and brightness are less than with a free burning floodlight. The values shown in the floodlight diagram are only valid for medium air. In clear water at a distance of 10 m, the lighting intensity is about half that of a free burning floodlight.

Accessories

For coloured light the installed glasses can be exchanged by coloured glasses made of tempered glass in colours green, blue, yellow and red.

- 70 128** Coloured glass blue
- 70 129** Coloured glass green
- 70 138** Coloured glass yellow
- 70 139** Coloured glass red

BEGA Safety transformer
Protection class IP 65
Safety class II

70 427 for 1 x 50 W

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

Light distribution