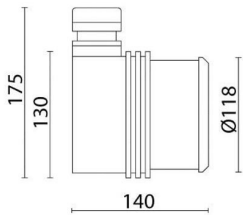


Last information update: May 2024

**Product configuration: BH97**

BH97: Recessed luminaires for fountains - Recessed luminaire 11 LED - 350mA D

**Product code**BH97: Recessed luminaires for fountains - Recessed luminaire 11 LED - 350mA D **Attention! Code no longer in production****Technical description**

RGB recessed luminaire for permanent immersion, IP68 10m. The luminaire is made strictly of AISI 316L stainless steel to guarantee maximum lasting reliability in pools and fountains (fresh water). Clear, transparent 6mm thick tempered closing glass. All screws used are made of stainless steel and the seals are silicone. The product is supplied with a 3m long 6x0,5NS20N power cable. The luminaire technical characteristics conform to EN60598-2-18 standards and particular requirements. IP68 - IK08. The luminaire is complete with 1 LED (1x3,5W). Optical assembly opening is not required for its installation. Insulation class III. The luminaire must be powered by a 350mA DC external driver.

**Colour**

Steel (13)

**Mounting**

wall recessed/ground recessed

**Notes**

Permanent immersion

Complies with EN60598-1 and pertinent regulations



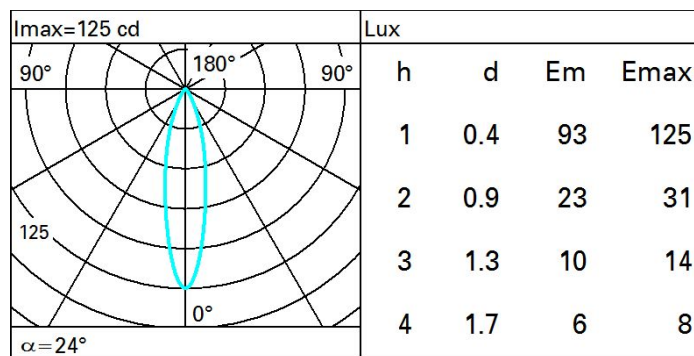
IK08

IP68

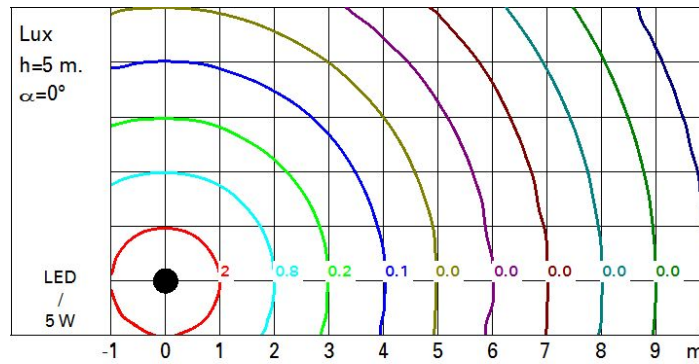
**Technical data**

lm system: 36  
W system: 5  
lm source: 60  
W source: 1.5  
Luminous efficiency (lm/W, 7.2  
real value):  
lm in emergency mode: -  
Total light flux at or above 0  
an angle of 90° [Lm]:  
Light Output Ratio (L.O.R.) 60  
[%]:

Beam angle [°]: 24°  
Colour temperature [K]: RGB  
Lamp code: LED  
Number of lamps for optical 1  
assembly:  
ZVEI Code: LED  
Number of optical 1  
assemblies:  
Intervallo temperatura  
ambiente: from -20°C to +35°C.  
LED current [mA]: 73

**Polar**

### Isolux



### UGR diagram

Corrected UGR values (at 60 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed crosswise					viewed endwise				
x	y										
2H	2H	3.6	5.5	4.0	5.8	6.1	3.6	5.5	4.0	5.8	6.1
	3H	3.8	5.2	4.2	5.6	5.9	3.7	5.1	4.0	5.4	5.7
	4H	3.8	5.1	4.2	5.4	5.8	3.6	4.9	4.0	5.2	5.6
	6H	3.8	4.9	4.2	5.3	5.6	3.6	4.7	4.0	5.1	5.4
	8H	3.8	4.9	4.2	5.3	5.6	3.5	4.7	3.9	5.0	5.4
	12H	3.8	4.9	4.2	5.2	5.6	3.5	4.6	3.9	5.0	5.3
4H	2H	3.6	4.9	4.0	5.2	5.6	3.8	5.1	4.2	5.4	5.8
	3H	3.9	5.0	4.3	5.3	5.7	3.9	5.0	4.3	5.4	5.8
	4H	3.9	5.0	4.3	5.3	5.8	3.9	5.0	4.3	5.3	5.8
	6H	3.8	5.2	4.2	5.7	6.1	3.7	5.2	4.2	5.6	6.1
	8H	3.7	5.3	4.2	5.8	6.3	3.6	5.2	4.1	5.7	6.2
	12H	3.6	5.4	4.1	5.8	6.3	3.5	5.2	4.0	5.7	6.2
8H	4H	3.6	5.2	4.1	5.7	6.2	3.7	5.3	4.2	5.8	6.3
	6H	3.6	5.2	4.1	5.7	6.2	3.7	5.3	4.2	5.7	6.3
	8H	3.7	5.1	4.2	5.6	6.1	3.7	5.1	4.2	5.6	6.1
	12H	3.9	4.8	4.4	5.3	5.9	3.8	4.8	4.4	5.3	5.8
12H	4H	3.5	5.2	4.0	5.7	6.2	3.6	5.4	4.1	5.8	6.3
	6H	3.6	5.1	4.1	5.5	6.1	3.7	5.1	4.2	5.6	6.2
	8H	3.8	4.8	4.4	5.3	5.8	3.9	4.8	4.4	5.3	5.9
Variations with the observer position at spacing:											
S =		1.0H	2.3 / -2.1				2.3 / -2.1				
		1.5H	4.4 / -3.2				4.4 / -3.2				
		2.0H	6.2 / -3.8				6.2 / -3.8				