

AmphiLux surface-mounted – light up your outdoor social areas

AmphiLux, surface mounted

People want to spend more quality time outdoors with family and friends. The AmphiLux surface-mounted spotlight range is designed to enhance outdoor social areas (gardens, terraces, fountains, waterfalls, etc.) with architectural lighting. AmphiLux is a family of LED spots featuring a stunning, sleek Italian design with a stylish chrome finish. These solutions can be used under water and in semi-wet and dry environments. Available in Micro, Mini and Compact sizes, the range offers a choice of dynamic white-light and colored-light versions for maximum flexibility in tasteful flood and accent lighting.

Benefits

- All mono-color products are powered via a standard 12 V DC driver, making them safe in human-occupied water and extremely easy to install.
- The dynamic color spots provide a rich color spectrum (RGBW), from fully saturated to soft pastel colors; the color-temperature-variation spots create a variety of white tones.
- The use of LEDs and quality optics make the AmphiLux spots very energy-efficient, with energy savings of up to 80% possible, depending on the application.

Features

- Sleek, attractive design
- Highly efficient, low-power LED spots
- Every spot available in the mono-colors high-quality white (2700, 4000, 6000 K) and blue
- Mini and Compact spots also available in dynamic versions with RGBW or color temperature variation
- IP68-rated for underwater use, but also suitable for dry environments
- Very installation-friendly due to 12 V DC driver system for all mono-color spots

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Application

- Architectural flood and accent lighting in fountains, waterfalls, gardens or on buildings for system for all mono-color spots

Specifications

Type	BVD400 Micro (1 x LED, Mono color version)
	BVD410 Mini (4 x LED, Mono and Dynamic color version)
	BVD420 Compact (12 x LED, Mono and Dynamic color version)
Light source	Non replaceable LED-module
Power	Micro versions: 1.5 W
	Mini version (Mono color): 5 W
	Mini version (Dynamic color): 4 W
	Compact version (Mono color): 15 W
	Compact version (Dynamic color): 12 W
Beam angle	Micro versions: 10, 20 and 35°
	Mini and Compact versions: 10 and 40°
Luminous flux	Micro versions: +/- 60 lm
	Mini version: +/- 240 lm
	Compact version: +/- 720 lm
Correlated Color Temperature	2700, 4000 and 6000 K for the Mono color versions
	2700 - 6000 K for tunable white
Color Rendering Index	> 80 (2700 and 4000 K)
	> 70 (6000 K)

Maintenance of lumen output - L90	43.000 hours at 35°C
Maintenance of lumen output - L70	147.000 hours at 35°C
Maintenance of lumen output - L50	> 200.000 hours at 35°C
Operating temperature range	-20 to +35°C
Driver	Built-in for Mono color versions
	External (DMX-RDM driver) for Dynamic color versions
Mains voltage	12 V DC for Mono color versions
Material	Housing: chromed brass
	Optical cover: hardened glass
Corrosion resistance	Salt water resistant up to 35gr/L salinity
	Chlorine resistant if water has a stable PH level between 6.8 and 8
Color	Chrome
Connection	Flying leads
Installation	Screwed on surface

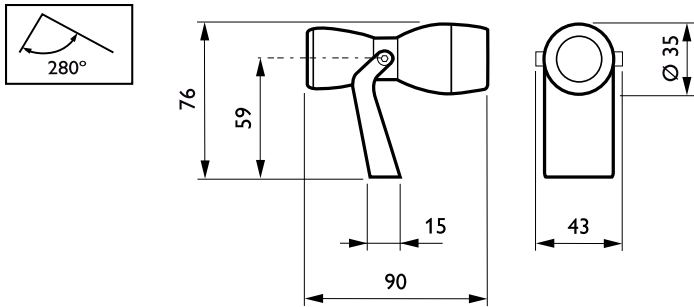
Versions



AmphiLux BVD400 surface-mounted
Micro spotlight with narrow or medium
beam angle

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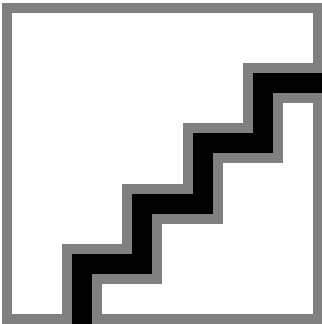
Dimensional drawing



AmphiLux BBD/BVD400

AmphiLux BBD/BVD400

Product details



Approval and Application	
Mech. impact protection code	IK05
Controls and Dimming	
Dimmable	No
General Information	
CE mark	CE mark
Optical cover/lens type	No
Driver included	No
Lamp family code	LED-HB
Light source replaceable	No
Lifetime to 50% luminous flux	200000
Lifetime to 70% luminous flux	147000
Lifetime to 90% luminous flux	43000
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	1

General Information

order code	Light source color	Number of light sources	Optic type	Product Family Code
910503671718	Cool white	1	Narrow beam angle 10°	BVD400
910503672518	Cool white	1	Medium beam angle 35°	BVD400
910503672718	Warm white	1	Medium beam angle 35°	BVD400
910503684918	Warm white	12	Medium beam angle 40°	BVD420

Initial Performance (IEC Compliant)

order code	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
910503671718	6000	-	65
910503672518	6000	-	65

order code	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
910503672718	2700 K	80	55

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order code	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
910503684918	2700 K	80	660

