



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
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



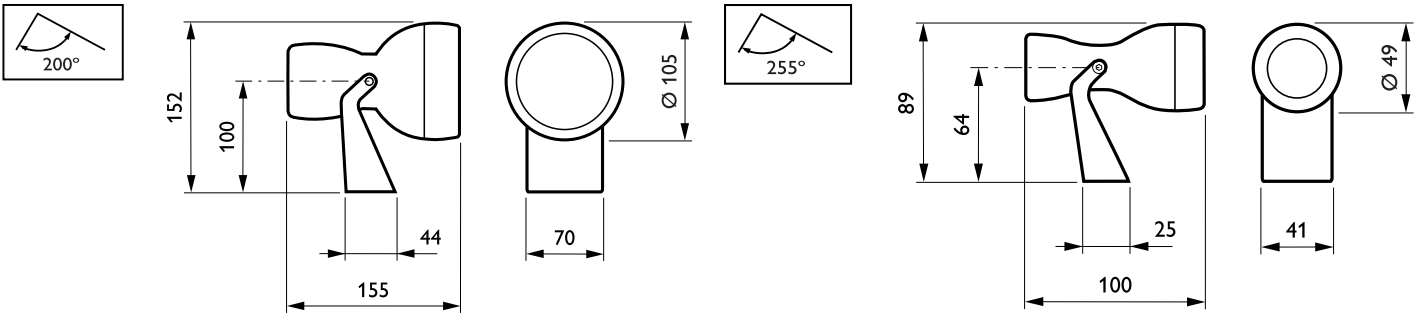
AmphiLux BVD410 surface-mounted
Mini spotlight with narrow or medium
beam angle



AmphiLux BVD420 surface-mounted
Compact spotlight with narrow or
medium beam angle

AmphiLux, surface mounted

Dimensional drawing



AmphiLux BBD/BVD400

AmphiLux BBD/BVD400

Approval and Application	
Mech. impact protection code	IK05
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
Initial Performance (IEC Compliant)	
Init. Color Rendering Index	80
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	1

Controls and Dimming

order code	Dimmable
910503681818	No
910503681918	No
910503682118	No
910503682718	Yes
910503684818	No
910503684918	No

General Information

order code	Light source	Number of		Product	
	color	Gear	light sources	Optic type	Family Code
910503681818	Warm white	-	4	Narrow beam angle 10°	BVD410



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order code	Light source	Number of		Optic type	Product
	color	Gear	light sources		Family Code
910503681918	Warm white	-	4	Medium beam angle 40°	ILMISC
910503682118	Neutral white	-	4	Medium beam angle 40°	BVD410
910503682718	-	E	4	Medium beam angle 30°	ILMISC

order code	Light source	Number of		Optic type	Product
	color	Gear	light sources		Family Code
910503684818	Warm white	-	12	Narrow beam angle 10°	BVD420
910503684918	Warm white	-	12	Medium beam angle 40°	BVD420

Initial Performance (IEC Compliant)

order code	Init. Corr. Color Temperature	Initial luminous flux
910503681818	2700 K	220
910503681918	2700 K	220
910503682118	4000 K	240

order code	Init. Corr. Color Temperature	Initial luminous flux
910503682718	-	127
910503684818	2700 K	660
910503684918	2700 K	660

