



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.

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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

Application

- Architectural flood and accent lighting in fountains, waterfalls, gardens or on buildingser 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
Beam angle	Compact version (Dynamic color): 12 W
	Micro versions: 10, 20 and 35°
Luminous flux	Mini and Compact versions: 10 and 40°
	Micro versions: +/- 60 lm
	Mini version: +/- 240 lm
Correlated Color	Compact version: +/- 720 lm
	2700, 4000 and 6000 K for the Mono color versions
Temperature	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



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

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Versions



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

Product details

AmphiLux surface-mounted family (BVD400/410/420)



Approval and Application

Mech. impact protection code	IK05
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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 h
Lifetime to 70% luminous flux	147000 h
Lifetime to 90% luminous flux	43000 h

Controls and Dimming

Order Code	Full Product Name	Dimmable
89312699	BVD400 1xLED-HB/BL 12V 35	No
89465999	BVD410 4xLED-HB/RGBW E 15	Yes
89467399	BVD410 4xLED-HB-2700-6000 E 15	Yes
89468099	BVD410 4xLED-HB-2700-6000 E 30	Yes
89493299	BVD420 12xLED-HB/BL 12V 10	No
89494999	BVD420 12xLED-HB/BL 12V 40	No
89495699	BVD420 12xLED-HB/RGBW E 15	Yes
89497099	BVD420 12xLED-HB-2700-6000 E 15	Yes
89498799	BVD420 12xLED-HB-2700-6000 E 30	Yes

General Information

Order Code	Full Product Name	Light source	Number of		Optic type
		color	Gear	sources	
89312699	BVD400 1xLED-HB/BL 12V 35	Blue	-	1	Medium beam angle 35°
89465999	BVD410 4xLED-HB/RGBW E 15	Red, green, blue and white	E	4	Narrow beam angle 15°

Order Code	Full Product Name	Light source	Number of		Optic type
		color	Gear	sources	
89467399	BVD410 4xLED-HB-2700-6000 E 15	-	E	4	Narrow beam angle 15°
89468099	BVD410 4xLED-HB-2700-6000 E 30	-	E	4	Medium beam angle 30°
89493299	BVD420 12xLED-HB/BL 12V 10	Blue	-	12	Narrow beam angle 10°

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Order Code	Full Product Name	Light source	Number of light		
		color	Gear	sources	Optic type
89494999	BVD420 12xLED-HB/BL 12V 40	Blue	-	12	Medium beam angle 40°
89495699	BVD420 12xLED-HB/ RGBW E 15	Red, green,	E	12	Narrow beam angle 15°

Order Code	Full Product Name	Light source	Number of light		
		color	Gear	sources	Optic type
		blue and white			
89497099	BVD420 12xLED-HB-2700-6000 E 15	-	E	12	Narrow beam angle 15°
89498799	BVD420 12xLED-HB-2700-6000 E 30	-	E	12	Medium beam angle 30°

Initial Performance (IEC Compliant)

Order Code	Full Product Name	Init. Corr. Color	Init. Color	Initial
		Temperature	Rendering Index	luminous flux
89312699	BVD400 1xLED-HB/BL 12V 35	-	-	14 lm
89465999	BVD410 4xLED-HB/ RGBW E 15	-	80	127 lm
89467399	BVD410 4xLED-HB-2700-6000 E 15	2700 to 6000 K	80	229 lm
89468099	BVD410 4xLED-HB-2700-6000 E 30	2700 to 6000 K	80	229 lm
89493299	BVD420 12xLED-HB/BL 12V 10	-	-	160 lm

Order Code	Full Product Name	Init. Corr. Color	Init. Color	Initial
		Temperature	Rendering Index	luminous flux
89494999	BVD420 12xLED-HB/BL 12V 40	-	-	160 lm
89495699	BVD420 12xLED-HB/ RGBW E 15	-	80	534 lm
89497099	BVD420 12xLED-HB-2700-6000 E 15	2700 to 6000 K	80	700 lm
89498799	BVD420 12xLED-HB-2700-6000 E 30	2700 to 6000 K	80	700 lm

