



Project Name _____ Date _____

Type or Model _____ Qty _____

AMP iQ™ Smart RGBCW LED Hardscape Light (Black) SM-AHS-68XX-RGBCW-B-BK

PRODUCT DESCRIPTION

Built for professional-grade performance, the AMP® iQ™ Smart Hardscape Light is an innovative, modular design allows for magnetic, Smart LED module to be removed and serviced; no rewiring. Durable, cast brass construction. a classic design concept with advanced smart lighting control in a single, fully integrated fixture. Rotatable housing for precision aiming of light output (180°). Built-in mounting bracket. Available in 3", 6" and 12". Ideal applications include mounting under capstones; railings; outdoor kitchen counters and cabinets; benches; and eaves.

Integrated into the AMP iQ™ smart lighting platform, this fixture connects through a Bluetooth® mesh network and is controlled with the easy-to-use, intuitive AMP iQ™ mobile app, enabling system-wide organization and control through zones, groups, scenes, and automations. Allowing precise control of brightness, colors and tunable white temperatures. AMP iQ™ is the only Lifetime Warranty Smart Platform in the landscape industry.



KEY BENEFITS

- AMP iQ Smart system device.
- Control with the AMP iQ™ Smart Landscape Lighting app.
- Extended CCT options including 2200K, 2500K, 2700K, 3000K, 3500K and 4000K. Full spectrum RGBCW capabilities.
- Interchangeable Smart LED module allows for easy serviceability
- Dimming from 0% to 100% via the AMP iQ app.
- Customize colors, color temperature, dimming, and scheduling with the AMP iQ™ app.
- Available in 3", 6" and 12" sizes.
- Magnetic LED light module specially designed to allow for easy removal and servicing – no rewiring required.
- Rotatable light housing allows for unique applications and custom aiming of light (180° rotation).
- Solid cast brass construction.
- Built-in, stainless-steel mounting plates (for under capstones) and optional bi-directional mounting holes for easy installation

SPECIFICATIONS

- **Construction:** Cast Brass
- **Finish:** Bronze or Black
 - Bronze finish will patina naturally over time
 - Black finish is a marine grade polyester powdercoat paint. Finish is rated per ASTM B117 for a minimum 1000-hour salt spray test.
- **Lead Wire:** 25' 14AWG
- **Lens:** Frosted Glass Lens
- **Light Source:** Integrated LED (RGBCW)
- **Operating Voltage:** 11-16VAC
- **Powered by:** AMP iQ™ Smart LED Transformer
- **Power Consumption:** See chart
- **Volt Amps:** See chart
- **Lumens:** See chart
- Up to 85 CRI (see chart)
- **IP Rating:** IP65
- Maximum distance between hardscapes for robust connectivity is ≤ 25-50ft

WARRANTY

Lifetime Warranty

CERTIFICATIONS





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PHOTOMETRICS & ELECTRICAL

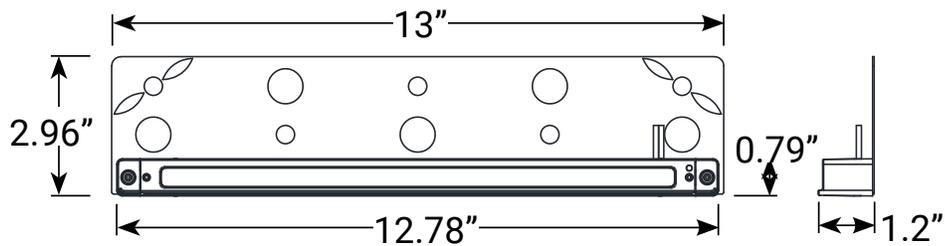
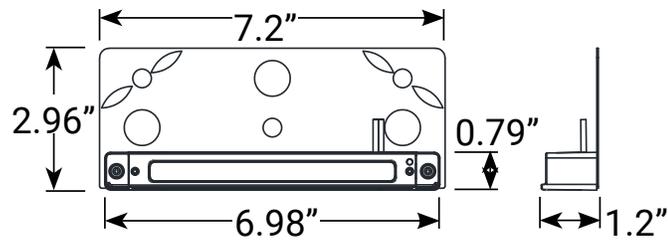
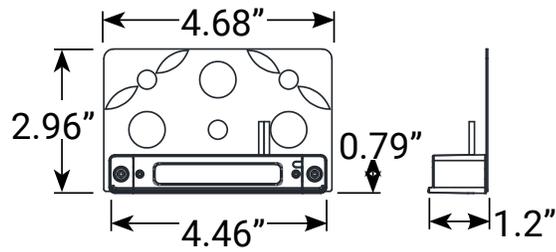
Fixture	CCT/RGB	Lumens	CRI	Wattage	PF	VA
SM-AHS-6803 AMP IQ™ 3" Hardscape Light	2200K	120	84	2.0	0.64	3.1
	2500K	124	84			
	2700K	129	85			
	3000K	135	85			
	3500K	141	82			
	4000K	145	81			
	Red	20	NA			
	Green	70	NA			
	Blue	12	NA			
SM-AHS-6806 AMP IQ™ 6" Hardscape Light	2200K	235	83	4.0	0.64	6.3
	2500K	235	84			
	2700K	244	85			
	3000K	256	84			
	3500K	267	82			
	4000K	277	81			
	Red	31	NA			
	Green	128	NA			
	Blue	20	NA			
SM-AHS-6812 AMP IQ™ 12" Hardscape Light	2200K	408	84	7.1	0.69	10.3
	2500K	426	84			
	2700K	438	85			
	3000K	460	84			
	3500K	480	82			
	4000K	500	80			
	Red	51	NA			
	Green	237	NA			
	Blue	25	NA			

PRODUCT DIMENSIONS



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TECHNICAL SPECIFICATIONS

The AMP iQ™ Lighting System is a complete, ecosystem-based solution where every component works together within a secure Bluetooth® mesh network. AMP iQ™ lighting fixtures, gateways, and transformers are engineered to communicate seamlessly, enabling advanced control, effects, and automation across an entire property. To ensure optimal performance and reliability, all system installations must use AMP iQ™ approved devices and the AMP iQ™ app.



- **Connectivity:** Bluetooth® 5.0 mesh network
- **Wireless Range:** Up to 100 ft fixture-to-fixture (line of sight), depending on fixture type
- **Network Type:** Self-healing mesh for reliable system communication
- **Wi-Fi Requirement:** 2.4 or 5.0 GHz Wi-Fi required for gateway connectivity
- **Control:** AMP iQ™ App (iOS® & Android®)
- **Cloud Access:** Secure, U.S.-based cloud infrastructure for remote control & automations
- Requires an AMP iQ™ Gateway attached to a Wi-Fi network for remote access and scheduling
- **System Compatibility:** Requires AMP iQ™-compatible fixtures, devices and the AMP iQ™ app.
- Proper voltage levels at 11V to 16V for each device is required to maintain a robust system and reliable operation.

