


Specifications

Length:	10.00" 254mm
Width:	7.48" 190mm
Height:	5.64" 143mm
Weight:	15lbs

4426 SERIES

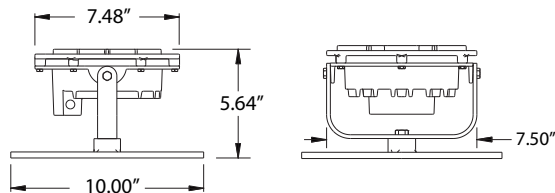
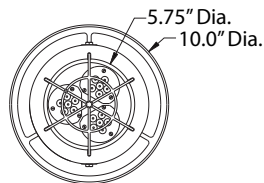
Base Mount Low Voltage White LED Fountain

HIGHLIGHTS

- Up to 970 lumens
- Cast bronze construction including fixture housing, rock guard and base
- Integral yoke allows for fixture aiming
- CCTs: 30K, 41K, 53K, Blue, Green, Red & Limited Wavelength Amber
- 12 volt fixture. Remote magnetic transformer required
- Fixture can be dimmed to 40% using standard reverse phase magnetic dimmer

5
YEAR
warranty

IP68

DIMENSIONS

LUMEN PACKAGES

	FL	WFL
Watts	18	18
Delivered Lumens	970	934
LPW	53.89	51.89
Peak Candela	4828	584

Note: Information based on 3X6LED WHT53K

ORDERING INFORMATION
EXAMPLE: 4426 B 2X6LED WHT53K 12 FL FLC BM CSL50

Model	Material	Lamp type	LED Color	Voltage	Distribution
4426	B Bronze	2X6LED 12 Watts	WHT30K 3000K	12 Note: Remote magnetic transformer required. Fixture can be dimmed to 40% using standard reverse phase magnetic dimmers. Hydrel offers the T1900 series	FL Flood WFL Wide Flood
	SWB Saltwater Bronze	3X6LED 18 Watts	WHT41K 4100K WHT53K 5300K AMBLW Limited Wavelength Amber BLU Blue GRN Green RED Red		
Lens		Mounting	Cord Set Length	Listing	
FLC Flat Lens Clear		BM Base Mount	CSL__ 10'-120' of cord available in 5' increments	CSA Optional Canadian listing (for sale in Canada only)	

ELECTRICAL LOAD

Light Engines	System Watts	Current (A)
2X6LED	12W	1.0
3X6LED	18W	1.5

LUMEN AMBIENT TEMPERATURE (LAT) MULTIPLIERS

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.98

PROJECTED LED LUMEN MAINTENANCE

Data references the extrapolated performance projections for the Fixture platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.00	0.98	0.97	0.95

PERFORMANCE DATA
LUMEN OUTPUT

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Distribution Type	Field Angle		Beam Angle (50%)		WHT30K (3000 CCT, 70CRI)			WHT41K (4100 CCT, 70CRI)			WHT53K (5300 CCT, 70CRI)		
			°H	°V	°H	°V	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW
2X6LED	12W	FL	45°	45°	24°	24°	1936	389	32.42	3219	647	53.92	3219	647	53.92
		WFL	127°	125°	82°	75°	234	375	31.22	389	623	51.92	389	623	51.92
3X6LED	18W	FL	45°	45°	24°	24°	2903	583	32.40	4828	970	53.89	4828	970	53.89
		WFL	127°	125°	82°	75°	351	562	31.20	584	934	51.89	584	934	51.89

SPECIFICATIONS AND FEATURES

FIXTURE HOUSING, ROCK GUARD AND BASE: Heavy wall cast bronze construction. Natural bronze finish. Note: (2) 0.28 mounting holes on the bottom casting for fixture securement using 1/4-20 bolts (by others).

LED: 2X6LED is 12 watts and 3X6LED is 18 watts LED array available in 3000K CCT, 4100K CCT or 5300K CCT white or monochromatic amber, red, blue or green (LED board included). All within 3 MacAdam ellipses.

VOLTAGE: 12 Volt AC 50/60Hz. Remote transformer required

LENS: Clear Flat Tempered Borosilicate.

GASKET: Single piece molded U-shaped silicone gasket.

CORD: Minimum of 10' of #16/3ST submersible rated power cord for standard 120VAC line, 14/3 submersible rated power cord for CSA. Cord entrance is epoxy encapsulated. Cord length must be specified.

FACTORY LEAK TESTED: Fixtures are tested at 10 PSI (0.70kg/cm²) internal pressure while totally submerged in water.

ELECTRICAL: Fixture requires a step down isolated transformers rated for use with underwater fixtures. See Hydrel's T1900 series of transformers for a suitable option. Fixture may be dimmed using magnetic reverse phase dimming system.

FASTENERS: Stainless Steel.

LISTING: cCSAus, submersible luminaire suitable for fountains, laboratory tests conducted by CSA to UL Standard UL-676 and UL-8750.

US PATENT: 7,680,816

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/resources/buy-american for additional information.

WARRANTY: 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

www.acuitybrands.com/support/warranty/terms-and-conditions

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.