

# ARCHITECTURAL FLAIR

LIGHTING FOR FOUNTAINS AND  
WATER FEATURES





**Landscape Lighting**

**Shrubs and Ferns** : Palm Luminaires, 40DEG, 1491 Delivered Lumens, Short Flush

**Tree lighting** : Aspen Luminaires on tree ring, 30DEG, 674 Delivered Lumens

**Evergreens** : M9400C Ingrade, 30K, Medium Flood, 2,051 Delivered Lumens, 3,203 Max CD

**Fountain Lighting** : 4426 Wet Niche, RGBW, WFL, Bronze Material

**Front Door** : Lowell Recessed Indirect/Direct Lighting, 30K, Narrow Flood with Softening Lens

**Right Front Wall** : SAF1 Static White, 30K, 100Deg, Short Flush

# ABOUT HYDREL

---

For over sixty years, Hydrel has continued to engineer a genuinely water-proof underwater fixture and the desire to innovate. Today, as a leading designer and builder of architectural luminaires, Hydrel offers remarkable knowledge of the complex demands of underwater lighting.

Committed to the highest standard in lighting performance, Hydrel incorporates innovative sealing capabilities, superior materials, and long-lasting finishes. The results are luminaires that withstand decades of use with minimal maintenance and unmatched structural integrity.

Hydrel is a premier brand of outdoor architectural, aquatic, and landscape lighting luminaires. Combining today's smaller, more efficient sources, Hydrel achieves photometric performance seldom experienced in outdoor lighting – a soft, uniform illumination that is noticeably superior.

**MAKE ORDINARY EVENINGS EXTRAORDINARY.**

Visit [Hydrel.com](http://Hydrel.com)



4426 Base Mount Low Voltage Fountain Luminaire



# CONSIDERATIONS IN FOUNTAIN LIGHTING DESIGN

---

Fountains are part of the entire landscape and are meant to be viewed from multiple angles.

Consider the whole scene and all sources of light when designing a lighting scheme.

Design with several lighting techniques, color temperatures and multiple light sources. Include downlighting, uplighting, accent and pathway lighting to keep spaces alive and safe at night.

Ensure the pedestal or central basin is visible to increase night safety. Also, consider luminaires with low-voltage lighting so communities can continue to enjoy the beauty of these fountains and have sure footing after sunset.

With regards to a multi-tiered fountain, installing junction boxes, wires, and fixtures may require complex electrical work.

Determine the water depth of the fountain because it will impact wattage, fixture selection, and fixture placement.

High-quality fixtures and expert installation will help ensure the longevity of the fountain lighting design.

Fountain lighting can be a complicated process that requires thoughtful planning with your landscape architect and lighting designer.

# ILLUMINATION EFFECTS

## TYPES OF WATER EFFECTS

Hydrel offers the right underwater lighting system for fountains, reflection pools and water features. With sustainability in mind, these underwater luminaires are built with a long-lasting, heavy-cast bronze and the ability to easily update LEDs and drivers directly in the field.

Fountain lighting with water effects of less than 6' high



Fountain & Reflecting Pool

### 4800 NM LED

Static White, Monochromatic, Phosphor converted Amber

The 4800 Series wet niche mounted fountain fixture is smaller in size than conventional fountain luminaires. It is available with adjustable round or fixed square bezel. Wet Niche.



Fountain & Reflecting Pool

### 4800 BM YM LED

Static White, Amber 590nm, Monochromatic, Amber Phosphor

The 4800 BM YM base or yoke mounted fixture is smaller in size than conventional units and can operate in as little as 10" of water. Offers temperature sensing low water cut-off and rock guard as standard. Wet/Dry.

Fountain lighting with water effects of more than 6' high



Fountain & Reflecting Pool

### 4415 BM YM

Static White, Monochromatic

The 4415 Fountain and Reflecting Pool light is a small, versatile light source offering a low profile and wide range of lamping options. Wet/Dry.



Fountain & Reflecting Pool

### 4415 NM

Static White, Monochromatic

The 4415 is a small wet niche mounted fixture. Its rectangular shape is ideal for steps or small reflecting pools where a low profile is required. It is available with a 45° cut-off louver or rock guard.

Fountain lighting with water effects of more than 25' high



Fountain & Reflecting Pool

### 4426 LED FTN

Static White, Monochromatic, RGB & RGBW

Heavy-duty cast bronze underwater fixture, the 4426 Series are robust luminaires for impressive fountains, waterfalls, or reflection pools. Heavy wall construction with temperature sensing circuit reduces power to LEDs to prevent damage. Available in static white, monochromatic, RGB and RGBW. Wet Niche.



Fountain & Reflecting Pool

### 4426 LED BM

Static White, Monochromatic, RGB, RGBW



4426 LV Niche Mount Fountain

### 4426 LED FTN LV

Static White, Monochromatic, Amber Limited Wavelength

Waterfalls, water walls and other types of long lighting runs.



Fountain

### W6300

Static White

The W6300 luminaire is designed to be the most reliable and easiest to implement linear submersible solution available. It is suitable for installation of up to 9 feet (3m) deep in fountains and other water features. Wet/Dry.

# TYPES OF FOUNTAINS

---

INTERACTIVE / 10

BASIN / 16

SCULPTURE / 20

SHOW / 24

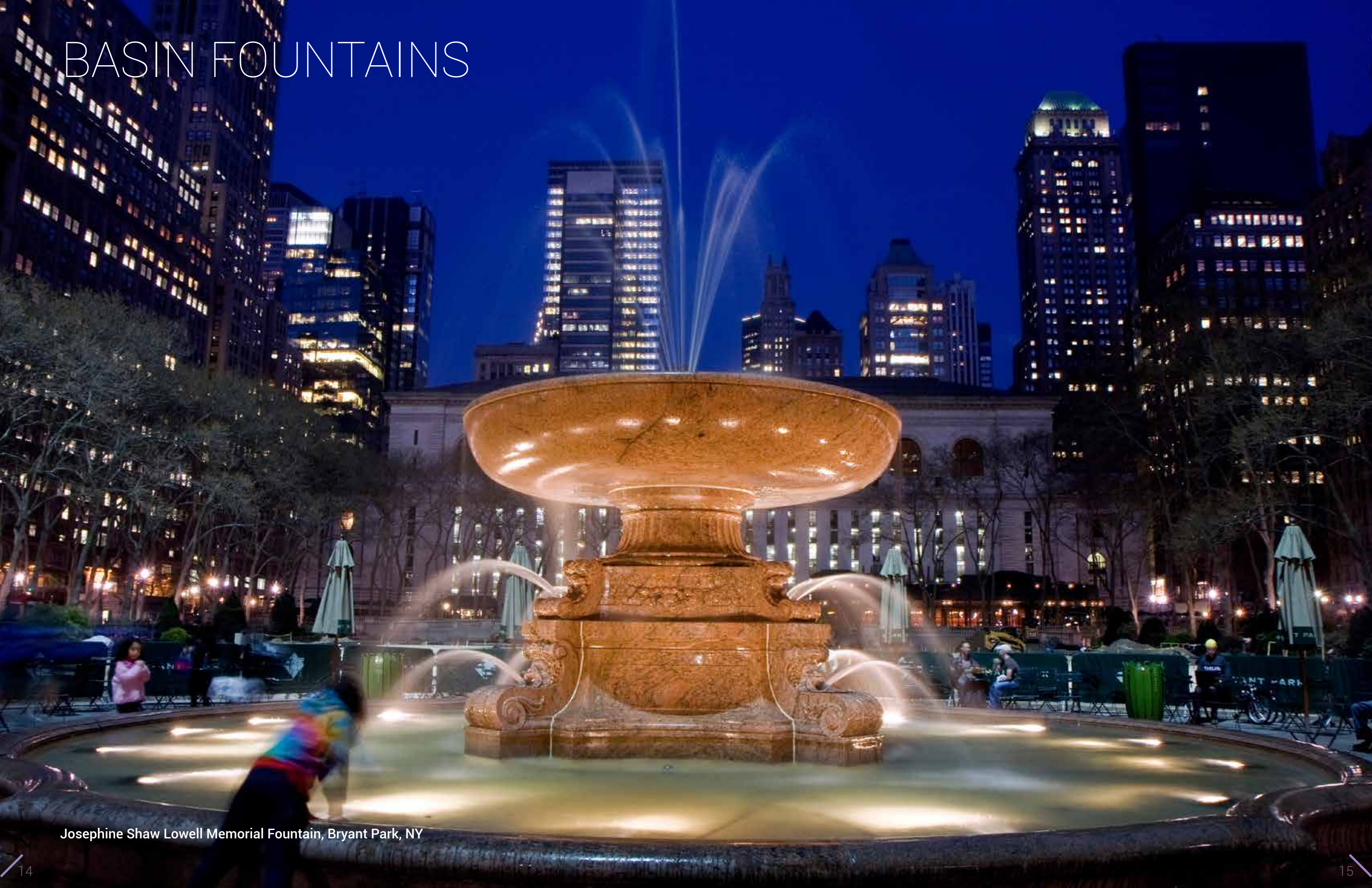
Underwater fixtures for every application! Hydrel offers the widest and most varied line of underwater fixtures in the industry, including niche and base mounted lights for fountains and reflecting pools, special fixtures for wet/dry applications, and swimming pool lights. These reliable luminaires are available in a variety of color temperatures, distributions and are complemented by a line of accessories and electrical equipment.

# INTERACTIVE FOUNTAINS



Keller Fountain Park, Portland, OR

# BASIN FOUNTAINS



Josephine Shaw Lowell Memorial Fountain, Bryant Park, NY





Glorieta de la Paz, Merida, Yucatan

# SCULPTURE FOUNTAINS



National 9/11 Pentagon Memorial, Washington, DC



9/11 Memorial & Museum, New York City



9/11 Memorial & Museum, New York City

# SHOW FOUNTAINS



Los Angeles Water Department, CA



Longwood Garden Fountains, Kennett Square, PA

# UNDERWATER FOUNTAIN LIGHTING

---

Hydrel offers niche and base-mounted styles to accommodate a variety of water effects and installations. Base-mounted models are free-standing, while yoke-mounted models are designed for studs and mounting bolts. Wet niche luminaires are available in floor and wall-mount models.

## Fixture Placement

Besides the welcoming of cascading water, properly planned fountain lighting will enhance their beauty, creating an enchanting space. There are no specific guidelines regarding lighting a fountain. However, take into consideration:

- The higher the effervescent, the higher the splash may require more robust luminaires
- The size and numbers of jets will also impact fixture selection

## Fixture Selection

Recessed or permanently mounted is the best method when you know the best location for the fixture.

When you do not know the best location, surface mounted on cords is the best method.

Wet niche luminaires are generally larger & require advanced planning for placement. Base mount luminaires are usually embedded in the walls or floors during installation and cannot be used in swimming pools.



4426 LED FTN RGBW

# IT'S NO ORDINARY FIXTURE

4426 luminaire uses one-fifth the power with over two times the life of a standard underwater luminaire.

- 100,000+ hours of operation
- Replaceable driver in the field
- Heavy wall cast bronze construction
- Natural cast bronze, saltwater bronze, or stainless-steel finish
- Tempered borosilicate clear lens and silicone gaskets
- Seven distributions, including a narrow spot and very wide flood to cover most applications.
- Narrow spot produces 147374 max candelas.
- Up to 10,985 delivered lumens
- Wet Niche listed
- Twist & locking mount for easy installation
- Available in static white, amber, monochromatic, RGB and RGBW
- IDIM or DMX controls
- Available as a niche mounted for swimming pool or reflection pool/fountain light







**Fountain Lights** : 4426 LED FTN, 53K, Flood, 3990 Delivered Lumens and 4800 NM LED, Medium Flood, 554 Delivered Lumens

**Landscape Lighting** : Palm Luminaires, 27K, 40DEG, 1491 Delivered Lumens, Short Flush

**Tree Lighting** : Aspen Luminaires on tree ring, 30Deg, 35K, 940 Delivered Lumens, P2 12 Volt

**Pathway Lighting** : HYPSTEP 6-Inch, 194 Delivered Lumens and 9-Inch, 299 Delivered Lumens, 35K



HEALTH CARE CENTER

**Fountain Lights:** 4800 wet niche mounted fountain fixture, 27K, 554 delivered lumens, Medium Flood

## MORE

---

We work with experienced lighting designers and make every effort to achieve realistic application renders. However, an application render is a static environment. Many factors in real-life applications will affect a lighting design, such as ambient light, height, location of fixtures, indoor or outdoor applications, and more.

Please ensure that all underwater lighting projects are specified and installed per the National Electric Code (NEC), Article 680, and all local codes. While the NEC does not specify unique requirements for base-mounted underwater fixtures, like all electrical installations, we recommend that a qualified electrician should perform all electrical installations. Please consult a professional fountain or swimming pool lighting designer or Hydrel Product Support for all your underwater lighting requirements.

## CONTACTS

---

Lighting Design Services : [lightingdesign@acuitybrands.com](mailto:lightingdesign@acuitybrands.com)

Product Support : [Productsupport-hydrel@acuitybrands.com](mailto:Productsupport-hydrel@acuitybrands.com)

## RESOURCES

---

Tips on tree lighting, visit [Tree Lighting](#)

Landscape lights: visit [Landscape Lighting](#)

Tree lighting accessories: visit [Accessories](#)

Underwater lights: visit [Under Water Lighting](#)





LET'S CONNECT



**Hydrel.com**

Phone: 800.705.SERV (7378)

Email: Techsupport - [Techsupport-hydrel@acuitybrands.com](mailto:Techsupport-hydrel@acuitybrands.com)

Email: Productsupport - [Productsupport-hydrel@acuitybrands.com](mailto:Productsupport-hydrel@acuitybrands.com)

©2024 Acuity Brands Lighting, Inc. All rights reserved.

**AcuityBrands.**