lumière



MONACO 3000 SERIES

Adjustable Ingrade Luminaire





MONACO 3000

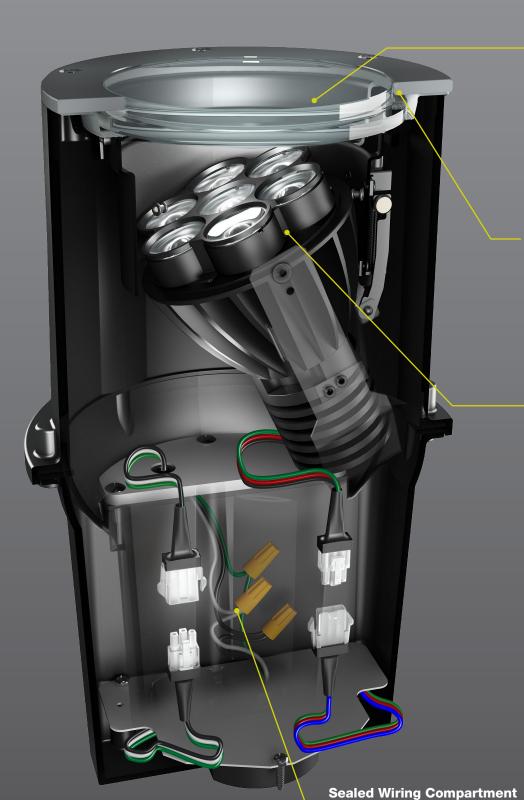
Best-In-Class performance in an ingrade fixture.

Lumière leads the way in designing innovative architectural and landscape lighting solutions for the most complex outdoor environments. The Monaco 3000 is a powerful lighting tool for uplighting building façades, trees, columns, and other interesting site features. This compact, direct burial fixture offers brilliant lighting effects, while being able to withstand the harshest and most abusive outdoor environments. For ultimate flexibility, the Monaco 3000 presents a variety of beam spreads combined with 25° fieldadjustable tilt and 360° rotation to allow precise lockable aiming; giving the ability to highlight building and site features perfectly. Cooper Lighting Solutions ground-breaking LED technology offers extremely long life and low-wattage performance to meet the most stringent energy requirements. Engineered with easy installation and worry-free maintenance in mind, the Monaco 3000 is a great choice for reliable in-grade performance.



MONACO 3000 SERIES

FEATURES & BENEFITS



Durable Borosilicate Glass

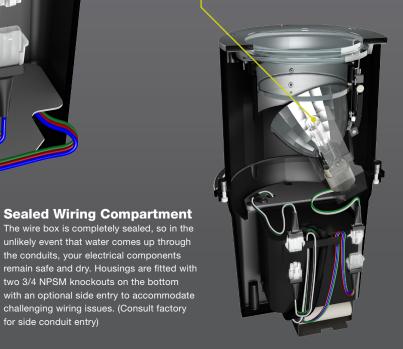
unparalleled strength for drive-over applications up to 5000 pounds. The glass is stepped to allow room for factory-installed gasketing that maintains the IP68 seal, and domed to allow water to run off, rather than interfering with your beam.

Premium Material Trim Ring

Trim rings for the Monaco 3000 are made from brass or stainless steel to offer the highest Lumière also offers an optional square trim ring to compliment additional architectural

Light Source Flexibility

Light sources to fit your every application and budget. Use LED when you need extreme energy efficiency to meet stringent energy code requirements, use HID for long life on a modest budget, or go with a PAR halogen if up-front economy is your primary concern.



unlikely event that water comes up through

the conduits, your electrical components

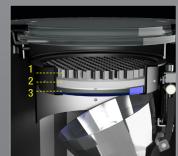
two 3/4 NPSM knockouts on the bottom

challenging wiring issues. (Consult factory

for side conduit entry)

9° Beam Spread

The LED version of the Monaco optics for tall palm trees or skinny flagpoles. With 34000cd, you'll get a lot of punch from a narrow beam of light.



Internal Accessories

including hex cell louvers, colored dichroic glass, or spread lenses, giving you ultimate design flexibility.



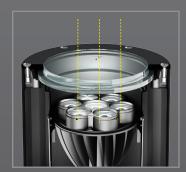
Adjustable Optics

Unlike most other direct burial products, the Monaco 3000 can be fully adjustable in the field, which is a huge benefit for trees that will continue to grow and change. The amp assembly tilts from 0- to 25°, so owners can re-aim fixtures as needed throughout the life of the



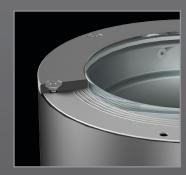
External Accessories

Glare shields, rock guards, or diffusion lenses can be added to the outside of specific installation needs. See page 10 for accessory details.



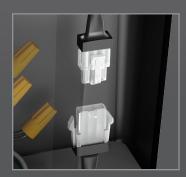
Fixed Beam

Don't need adjustability on your project? No problem. The Monaco 3000 can be ordered in a tilt-free effective solution. Non-adjustability is a good choice for simple uplighting of building features that remain static.



Sealed Against the Elements

The Monaco 3000 is IP68 rated for exterior wet applications that may be susceptible to flooding. A limited number of seal locations presents fewer entry points for moisture. Add that to our unique highly-engineered gasket ring, and even the smallest drop of water has no chance of entering the fixture!



Quick Disconnects

The Monaco 3000 is easy to install and assemble, featuring secure quick disconnects rather than less reliable wirenuts. This reduces installation time for the contractor



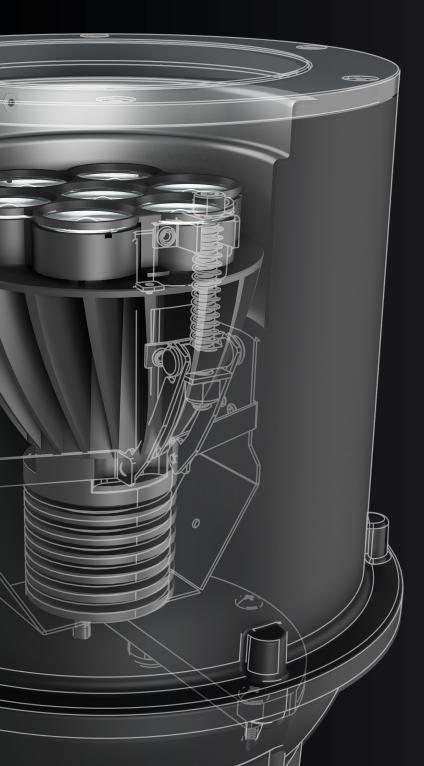
Housing Materials

The housing for the Monaco 3000 is made with injection-molded polyphenylene sulfide (PPS), a strong material, highly resistant to chemicals, heat, and environmental degradation.

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Innovation you can rely on™

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Cooper Lighting Solutions is at the forefront in transforming the lighting industry and setting an unmatched standard for **innovation** and **reliability**. No one will do more to empower you with the innovations, technology and resources you need to meet the challenges of the future.

EFFICIENCY

Cutting edge LED sources provide about 60 lumens per watt for an efficient alternative to HID.

RELIABILITY

LED systems are rigorously tested to using the most stringent standards, including LM79 and LM80. Every LED fixture is burned for one hour before it leaves the factory, as most failures will occur within that time period. You can rest assured that the fixture that arrives on the job site is one you can depend on.

CONTROL

LED products come with electronic low voltage dimming for maximum flexibility in a variety of applications.

PHOTOMETRICS

Photometry is carefully measured at our Innovation Center using a goniophotometer. Results are accurate and reliable, conforming to LM79 standards.

LIFE

Using TM-21-11 mathematics, our LEDs and drivers are predicted to last at least 50,000 hours. That is more than 11 years running at 12 hours per day. Maintenance costs will be a thing of the past.

SERIALIZATION

We track each and every LED module that goes into our products with a unique serial number to maintain an unprecedented level of quality control.

QUALITY

All LED products exceed the industry binning standard to provide excellent color consistency and come with 85 Color Rendering Index (CRI).











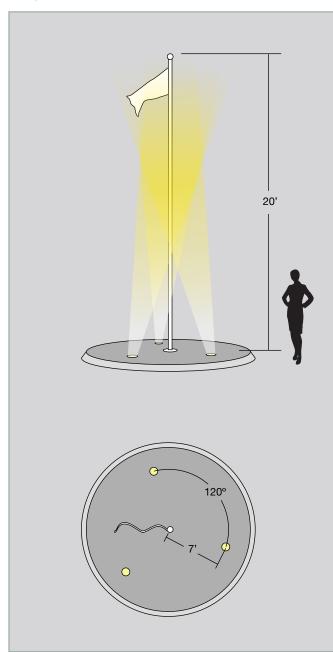




TYPICAL APPLICATIONS

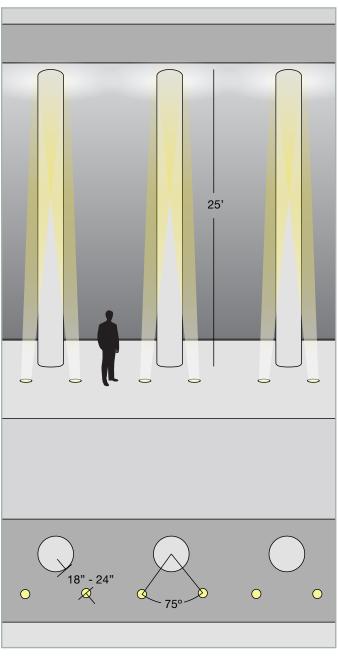
Narrow spot (9°) optics offer a great solution for wall grazing along textured surfaces, shooting up vertical columns, or for highlighting a small building detail from afar. Narrow (20°), medium (30°) and wide (60°) floods can assist with a variety of applications for signage, building façades, or large trees. With so many optics to choose from, you can make your site a destination for pedestrians and tourists!

Flag Pole

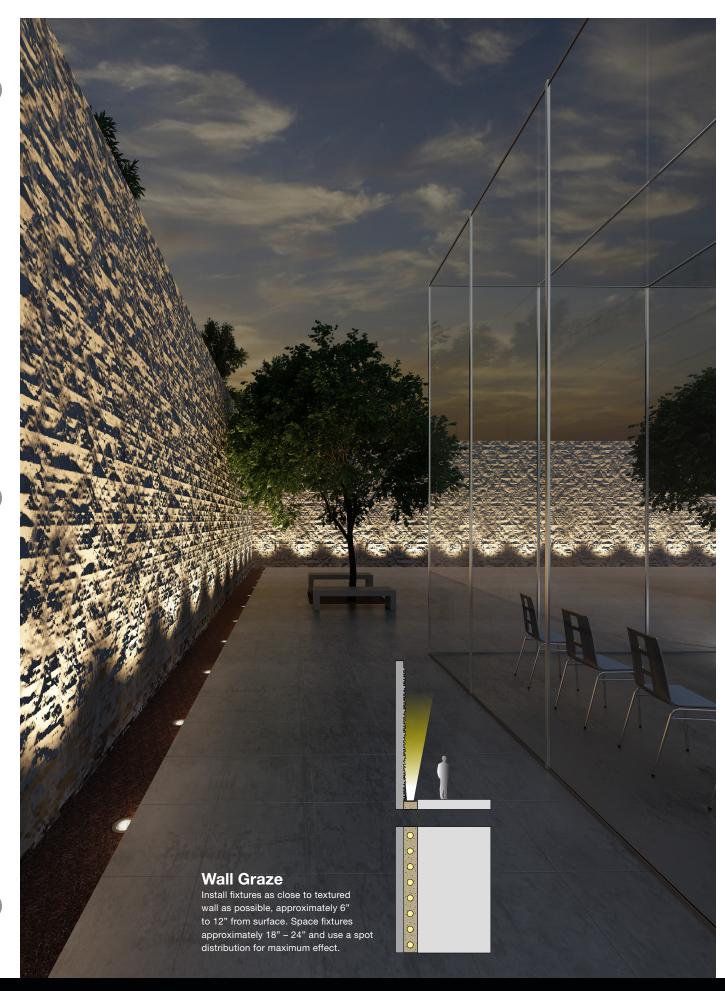


Install at least two, preferably three fixtures at 120° spacing around a circle. Install fixtures away from the pole about 1/3 to $\frac{1}{2}$ the height of the pole. Choose a beam spread that is appropriate for the height and size of the flag.

Colonnade

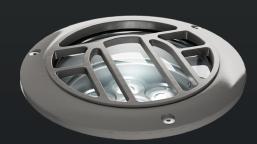


Install two fixtures per column along the front side at about 75° to each other. Space fixtures approximately 18" - 24" from column and use a spot distribution for maximum effect.



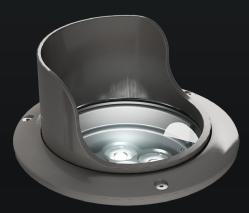
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ACCESSORIES



Rock Guard

The Monaco 3000 offers a rock guard to keep sharp objects from breaking the glass. Designed with performance in mind, this accessory features slots to allow fixture aiming and can be rotated in the field and locked in place.



Straight Glare Shield

Like the rock guard, the glare shield can be field rotated up to 360° to just the right angle and locked in place to prevent misalignment.



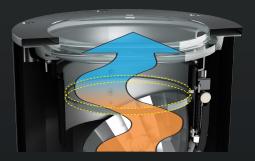
Diffused Lens

application? Then specify the Monaco 3000 diffusion lens. The frosted glass scatters light in all directions to smooth and soften the beam.



Round or Square Trims

Trim rings for the Monaco 3000 Series are made from brass or stainless steel to offer the highest weather ability and corrosion resistance. Lumière also offers a round or square trim ring to compliment any architectural style.



TRL - Temperature Reduction Lens

This HID accessory reduces outer lens temperatures up to 20° Celsius. The outer borosilicate glass lens remains intact and a second lens is installed inside the fixture. This infrared dichroic glass allows the light to pass through while directing some of the heat away from the top glass.

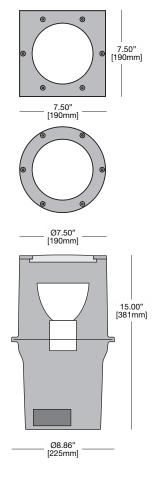


Need more subtle light without any harsh shadows for a specific



THE MONACO 3000 family consists of HID, halogen/incandescent and LED lamping. The Monaco 3000 utilizes HID sources including T4.5, T6, BT5, PAR20 and PAR30; the Monaco 3001 is the lowest cost model and utilizes halogen and incandescent PAR20 and PAR30 lamps and the Monaco 3002 has LED as its source. The Monaco 3000 family are all small scale, versatile, ingrade luminaires. The adjustable versions, 3000A/3001A/3002A, provides up to 25° tilt and 360° rotation of the lamp beam allowing for precision, lockable aiming. The non-adjustable versions, 3000N/3001N/3002N, provide a fixed uplight with slightly reduced cost. The optional cool lens - dual lens allows the HID, halogen and incandescent sources to be used in pedestrian areas and helps to reduce the temperature of the lens, making it more walk-over friendly. The best option for pedestrian areas is our LED offerings.

- +/-25° x 360° lockable aiming
- Up to three optical accessories (lenses, louvers, filters)
- Drive over rated to 5000 lbs
- · Stainless steel, captive hardware
- CA Title 24 Compliant (*when ordered w/ 20W max source or LED)
- 3 year warranty



FIXTURE 3000 HID Ingrade Luminaire, 7.5" Halogen or Incandescent Ingrade Luminaire, 7.5" 3001 3002 LED Ingrade Luminaire, 7.5" **TYPE** Adjustable 0° -25° Tilt / 360° Rotate Non-Adjustable / 360° Rotate TRIM RD Round Trim 7.5" Diameter SQ Square Trim, 7.5" Square SOURCE - HID (3000) Lamp not included T3.5 Metal Halide 20W PGJ5 (120V only, electronic ballast)

MH20T3

MH39T3 T3.5 Metal Halide 39W PGJ5 MH20T4 T4.5 Metal Halide 20W G12 (UNV only)

T4.5 Metal Halide 39W G12 MH39T4

MH20PAR20 PAR20 Metal Halide 20W Medium Base (UNV only)

MH39PAR20 PAR20 Metal Halide 39W Medium Base MH39PAR30 PAR30 Metal Halide 39W Medium Base MH70PAR30 PAR30 Metal Halide 70W Medium Base

MH39T6 T6 Metal Halide 39W G12 MH70T6 T6 Metal Halide 70W G12

HID DISTRIBUTION - HID T4.5, T6, & BT5

SP Spot - (T4.5=11°, T6=13°, BT5 (T3.5) =9°)

MFL Medium Flood - (T4.5=47°, T6=45°, BT5 (T3.5) =34°) WFL Wide Flood - (T4.5=57°, T6=64°, BT5 (T3.5) =51°)

SOURCE - 120V HALOGEN/INCANDESCENT (3001) Lamp not included

PAR20 Up To 50W Medium Base, 120V Only PAR30 PAR30 Up to 75W Medium Base, 120V Only

SOURCE - LED (3002)

18LED3000 18W LED, 3000K, 85 CRI 18LED4000 18W LED, 4000K, 85 CRI

DISTRIBUTION - LED

15° Narrow Flood 25° Medium Flood WFI 40° Wide Flood

TOP GLASS

CLR Clear top glass DIF Diffused top glass NSL Non-slip lens

VOLTAGE

120V (HID or Incandescent only) 120 208 208V (HID only)

240 240V (HID only) 277 277V (HID only)

UNV 120-277V 50/60Hz, electronic ballast/driver (HID/LED only. Not available for 70W sources)

FINISH

BK Black Powdercoat over brass substrate BZ Bronze Powdercoat over brass substrate CS City Silver Powdercoat over brass substrate VE Verde Powdercoat over brass substrate WT White Powdercoat over brass substrate

NBR Natural Brass

NSS Natural Stainless Steel

OPTIONS

Less Back Box (Advance Ship Back Box Select LBB and order Back Box Separately per Below)

ORDERING EXAMPLE

3002N-RD-18LED3000-SP-CLR-UNV-NSS







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Neo-Ray
Corelite
Portfolio
Iris
Shaper
io

Lumière Invue

McGraw-Edison Streetworks Fail-Safe MWS DLS RSA Ametrix

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ADL121930



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