PATHWAY LIGHTING
LOUVER BOLLARD

G2™ DESIGNS

G2LBdome
G2LBwedge
Hydrel’s unique G2™ design signature finds expression again in a louvered bollard that is at once elegant, practical and virtually invulnerable to abuse. Dome and wedge geometric forms complement the curves and angles of surrounding landscape and architecture, adding tasteful shape and texture to paths and stairways.

Die cast reflecting louvers eliminate glare, safeguard the lamp and optics, and project light at a wide angle for extended bollard spacing. The luminaire’s mounting system allows perfect alignment and extraordinary rigidity, while high quality materials and finish render it impervious to environmental contaminants, corrosion and UV radiation.

G2 bollards are compatible with G2 building mounted and G2XTEND pole mounted lighting, so a singular look can begin at the building surface and extend out along paths, pedestrian gathering areas, and parking areas.
A remarkable blend of **Design + Performance** makes the G2™ bollard an excellent lighting solution for pathway applications. The bisecting sculptural forms agree with a range of building styles, coordinated landscapes and site design schemes. Light patterns are wide and pleasingly uniform.

Structural integrity is unmatched, and the use of superior materials and long-lasting finish promises decades of use with minimal maintenance. Rugged reliability is a Hydrel trademark. Be assured, the G2 bollard is no exception.

**Light Options**
- Light Wash projects a subtle splash of light from the main light source, creating visual interest.
- **LED Color Wash** adds vibrant color to the bollard, creating an opportunity for customized applications. Choose from seven colors.

**IES Cutoff and Reduced Glare**
- Standard matte black finish on top of louvers creates cutoff distribution and reduces glare.

**Increased Efficiency**
- Gloss white finish on underside of louvers optimizes performance and increases pathway light levels.

**Vandal Resistant Base**
- Extruded aluminum base is welded to cast aluminum plates at top and bottom for maximum structural integrity.

**Convenient Ballast Access**
- Ballast lift allows for easy component maintenance and wattage exchange.

**Ease of Installation**
- Removable access door provides easy access to mounting bolts, levelers, and new optic make-up.

**PATENTS PENDING**

![G2 Bollard Image](image1)

**Typical Applications**

**Staggered on 12’ Path**

**Symmetric and Forward Throw Distributions**
- Choke 360° symmetric or forward throw distributions. Forward throw redirector redirects backlight, increasing performance by 50%.

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![G2 Bollard Diagram](image2)

**TYPICAL APPLICATIONS**

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Lumens</th>
<th>E Min</th>
<th>E Avg</th>
<th>Spacing (S)</th>
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<td>1800</td>
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<td>2.8 fc</td>
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**Notes:**
1. For wider paths, decrease bollard spacing. For lower light levels, decrease lamp wattage.
2. To calculate maintained illuminance, multiply values by appropriate light loss factor.
3. HID bollard performance based on coated ED-17 lamps.
4. Values listed are for G2LBD 42”. Please visit www.hydrel.com for complete photometric data.
## G2 LOUVER BOLLARD

### CONCEPT
The G2 louver bollard continues Hydrel’s G2™ design signature in a below-eye-level alternative for pedestrian site lighting. Dome or wedge top, textural louver element and rectilinear base provide a harmonious, minimal form agreeable with surrounding architecture and landscaping. The die-cast louvers assure superior lighting performance and protect lamp and optics from the elements. Optional Light Wash or LED Color Wash directs a subtle pool of light onto upper housing for enhanced nighttime delineation. To view and download product portraits, go to www.hydrel.com.

### MATERIALS
Premium low copper content A36 steel die cast aluminum top housings and louvers. Extruded and tempered aluminum base with internal cast aluminum mounting plates. Clear borosilicate glass lamp enclosure, silicone gasketed. Stainless steel fasteners.

### FINISH
T92C polyester powder coated in a range of textured semi-matte gray tone or earth tone colors. Louvers are powder coated matte black on topside and gloss white on underside.

### DIMENSIONS
Nominal Overall Height, Inches
- Located 12” above bollard base
- Ceramic MH, Clear T6, G12 Base
- Ceramic MH, Coated Elliptical, E27 Base

### NOTES
- To ensure structural integrity, the G2 bollard avoids traditional set-screw mounting. Instead, a heavy duty cast aluminum mounting plate is internally welded to the base. Slotted anchor bolt holes and four easy accessible leveling pads allow the luminaire to be installed in perfect alignment. Anchor bolt information and installation instructions are available at www.hydrel.com.

### ORDERING GUIDE

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<th>LAMPS</th>
<th>VOLTAGE</th>
<th>DISTRIBUTIONS</th>
<th>LIGHT OPTIONS</th>
<th>OPTIONS</th>
<th>LAMPS</th>
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### LIGHT OPTIONS
- Bollard Front
- Back

### OPTIONS
- FT Forward Throw
- DF Double Fuse, Inline, 208/240V
- SF Single Fuse, Inline, 240V
- GEB Electronic Ballast, to 85% lamp rating
- DF Duplex Receptacle, located in above distributor
- GFCI GFCI Receptacle, located in above distributor

### LAMPS – INTERNATIONAL
- Ceramic MH, Coated Elliptical, E27 Base
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### NOTES
- UL Listed, Listed Wet Locations
- I.E.S. Cutoff
- IP65 Rated

### CERTIFICATIONS
- UL | CUL Listed Wet Locations
- I.E.S. Cutoff
- IP65 Rated
compatible G2™ building mounted luminaires

compatible G2XTEND pole mounted pedestrian site lighting luminaires