### DESCRIPTION
Hydrel's M9420/M9440 Series modular in-grade lights are multipurpose units designed for uplighting of architectural and landscape features. These adjustable units can be flushed mounted into a variety of substrates or landscape materials.

The M9420/M9440 consists of a factory-sealed lamp module and encapsulated power module. The components are secured inside a heavy-duty polymer rough-in housing designed with channeled convective cooling, an integral junction box, and finish door trim assembly. These double lens units offer lamp module aiming, featuring Aim-Lock™ adjustment to allow for maintenance and relamping without re-aiming.

### ORDERING INFORMATION

**EXAMPLE:** M9420 A 12LED BLU MVOLT NSP FLC10 34B IHL LP BL

<table>
<thead>
<tr>
<th>Model</th>
<th>Door Material</th>
<th>Lamp Type</th>
<th>LED Color</th>
<th>Voltage</th>
<th>Distribution</th>
<th>Lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9420</td>
<td>Round</td>
<td>A</td>
<td>White</td>
<td>MVOLT (120-277)</td>
<td>Narrow Spot</td>
<td>FLC</td>
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<tr>
<td>M9440</td>
<td>Square</td>
<td>B</td>
<td>White</td>
<td></td>
<td>Medium Flood</td>
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<tr>
<td></td>
<td></td>
<td>SS</td>
<td>Amber</td>
<td></td>
<td>Flood</td>
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<td></td>
<td></td>
<td>Blue</td>
<td></td>
<td>Wide Flood</td>
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<td></td>
<td>Green</td>
<td></td>
<td>Very Wide Flood</td>
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<td></td>
<td></td>
<td></td>
<td>Red</td>
<td></td>
<td>Horizontal Spot</td>
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<td></td>
<td></td>
<td></td>
<td>Horizontal Flood</td>
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</tr>
</tbody>
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#### Conduit Entries
- **12B**: 1/2" NPT Bottom
- **12S**: 1/2" NPT Side
- **34B**: 3/4" NPT Bottom
- **34S**: 3/4" NPT Side
- **25S**: Two 25mm Side

#### Accessories
- **Internal**: Internal, Honeycomb Louver, Linear Spread Filter, Glare Shield, Lexan Cover, Rock Guard
DOOR MATERIAL: Cast Aluminum, cast bronze, cast aluminum or bronze with stainless perforated trim insert or Stainless Steel. Available in round or square door trim.

ROUGH-IN SECTION: Injection molded polymer with integral junction box for thru-branch wiring. The housing is U.V. stabilized, impact and corrosion resistant for use in all types of environments. The rough-in has a cylinder configuration and houses the lamp components and top door finishing section.

LAMP MODULE: Stainless steel housing, factory-sealed and purged of all moisture for longer component life. The lamp module is suspended below the top door lens in a surface adjustable, 15° tilt mechanism. The insulating air layer helps to reduce surface temperatures. Lens is sealed with silicone gasket and stainless steel clamp band assembly with single fastener. Electrical connection to lamp module is done through a submersible quick pull plug connector with gold-plated contacts. (Lamp Included)

LAMP TYPE: LED: Monochromatic LEDs, 12W (Lamp Included).

VOLTAGE: See ordering guide.

LIGHT DISTRIBUTION: See ordering guide.

FINISHING SECTION: Double lens design includes door assembly with 360° Aim-Lock™ module support and tilt ring. Module indexing provides easy maintenance and relamping without re-aiming. Door trim locks into position with two stainless steel captive, tamper-resistant fasteners.

POWER MODULE: LED driver is encapsulated in a custom heat-dissipating epoxy resin that also eliminates all moisture intrusion. Module is provided with submersible rated cord leads for connection to integral junction box and lamp module.

CONDUIT ENTRIES: Two (2) bottom or side entries available. Box suitable for through-branch wiring. Splicing volume is 25 in³ (410 ccm)

NOTE: Potting compound (PC21) recommended for junction box splices. PC21 sold separately.

ACCESSORIES: See Ordering Guide.

FINISH: Finish is natural aluminum or bronze. Stainless steel door is brushed finish. Aluminum doors may be painted. See ordering guide.