M9710/M9730 SERIES
MODULAR IN-GRADE LUMINAIRE
SINGLE LENS LED

DESCRIPTION
Hydrel's M9710/M9730 Series modular in-grade lights are multi-purpose units designed for uplighting of architectural and landscape features. These units can be flushed mounted into a variety of substrates or landscape materials.

The M9710/M9730 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.

FEATURES & SPECIFICATIONS

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 section has a cylinder/vault configuration and houses the lamp and power module components and top door finishing section.

LAMP MODULE: Stainless steel housing, factory-sealed and purged of all moisture for longer component life. 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, 22W

VOLTAGE: See ordering guide.

DISTRIBUTIONS: See ordering guide.

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

POWER MODULE: LED driver is encapsulated in a custom designed 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.

LISTING: U.L., CUL, CE

NOTE: HYDREL RESERVES THE RIGHT TO MODIFY SPECIFICATION WITHOUT NOTICE. Any dimension on this sheet is to be assumed as a reference dimension: "Used for information purposes only. It does not govern manufacturing or inspection requirements." (ANSI Y14.5-1973)
## M9710/M9730 LED ORDERING INFORMATION

### 60 Hz Application

Choose the boldface catalog nomenclature that best suits your needs.

### PART NO.

**EXAMPLE:**

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>EXAMPLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>M9710</td>
<td>M9710 A 22LED RBL 120 SP FLC 34B IHL LP BL</td>
</tr>
</tbody>
</table>

### Notes:

1. Not Available with M9730 square model.
2. Accessories are mutually exclusive, choose one only.
3. Not available with CLC or CLF convex lens.
4. Accessory not available with SS door material.
5. Door material finish is natural cast aluminum (A) or cast bronze (B) unless specified. Stainless steel (SS) door available with brushed finish standard.
6. Dimming available with 120 V only.

### M9700 Series Assembly

M9700 Series Assembly consists of the following components:

**MIRIS97 Rough-In Housing**

**MACL Lamp Module**

**MHSL97 Power Module**

---

©2010 Acuity Brands Lighting, Inc.
4/21/10
M9710_M9730LED