**Intended Use**
General illumination for rough service (vandal-resistant) applications. Ideal for areas that require higher levels of protection from physical assault, while providing proper illumination for safety or security. Certain airborne contaminants can diminish integrity of acrylic. Refer to Acrylic Environmental Compatibility tables on pages 794-795 for suitable uses.

**Construction**
Housing: One-piece, die-cast aluminum, low-copper alloy, finished in dark bronze polyester powder coat.

**Optics**
Lens: Clear prismatic polycarbonate, UV-stabilized, nominal thickness .325”. Lens secured by stainless steel tamper-resistant TORX® T-20 or standard stainless steel slotted hex-head screws (four each included). One-piece silicone perimeter gasket seals out moisture and contaminants.

**Electrical**
Ballast: Fluorescent: Electronic, HPF multi-volt, starting temperature of 0°F. (77°F is electromagnetic, 120V only.) High pressure sodium: High-reactance, HPF (35S is NF). 50—150W MH ballast are high-reactance, high power factor and are standard with pulse start ignitor technology (SCWA not required). 175W MH is constant wattage auto-transformer (CSA, NOM or INTL required for shipments outside the U.S.). Super CWA (pulse start ballast), 88% efficient and ESA legislation compliant is required for 175W MH (SCWA option) U.S. shipments only.

**Environmental Compatibility**
Acrylic. Refer to Acrylic Environmental Compatibility tables on pages 794-795 for suitable uses.

**ORDERING INFORMATION**
For shortest lead times, configure products using **bolded** options.

<table>
<thead>
<tr>
<th>Series</th>
<th>Lamp type</th>
<th>Voltage</th>
<th>Ballast configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>VR3C</td>
<td>180TT 2/26TRT</td>
<td>150S</td>
<td>Ten 1-lamp ballasts</td>
</tr>
<tr>
<td>VR4C</td>
<td>2/32TRT</td>
<td>Ceramic metal halide</td>
<td>(blank) Standard configuration</td>
</tr>
<tr>
<td>VR4CV</td>
<td>2/42TRT</td>
<td>100S</td>
<td>2/1 Two 1-lamp ballasts</td>
</tr>
</tbody>
</table>

**Ballast Options**

- SF: Single fuse (120, 277, 347V)1,2,3,4
- DF: Double fuse (208, 240, 480V)1,2,3,4
- DS: Dual switching1,2,3,4
- QRS: Quartz restrain system1,2,3,4
- EC: Emergency circuit (incandescent, 25W max)4,5,6
- NL: Night light (incandescent, 7W max)1,7
- PE: Photoelectric cell (button type)1

**Lens Options**

- (blank) Clear prismatic
- WP: White polycarbonate
- HPF: High pressure sodium
- 70M: 7000K
- 100M: 10000K
- 175M: 17500K
- IR: Internal reflector1,2,3,4
- GLR: Internal fast-blow fusing1,2,3,4
- GFM: Internal slow-blow fusing1,2,3,4
- CSA: Meets Canadian standards
- NOM: Meets Mexican standards
- INTL: Available for MH probe start shipping outside the U.S.

**Notes**
1. See Configurations table for lamp compatibility.
2. 120V only.
3. Not available in 480V.
4. Not available with 120V.
5. Available for HID units only.
7. Available for compact fluorescent units only.
8. Available for MH units only.
9. Available for MH units only.
10. Available for MH units only.
11. Available for MH units only.
12. Available for MH units only.
13. Cannot be ordered with EC or PE options.
14. Maximum wattage lamp provided.
15. MSD ballast configurations require ME option.
16. Consult factory for availability.
17. Lamp(s) included unless L/LP is specified.

**Accessories**

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RK1</td>
<td>TORX® TX20 hex-driver bit for tamper-resistant screws with center reject pin</td>
</tr>
<tr>
<td>RK1</td>
<td>TORX® TX20 screwdriver for tamper-resistant screws with center reject pin</td>
</tr>
</tbody>
</table>

**ADDITIONAL INFORMATION**
For additional product information, visit www.lithonia.com.
**VR4C VR4CV**

**Induction Lighting System**

**Intended Use**
For areas that require higher levels of illumination and where maintenance is an issue (tunnels, airports, public facilities, freezers). Provides extreme long life for rough service and special environment applications. Certain airborne contaminants can diminish integrity of acrylic. Refer to Acrylic Environmental Compatibility tables on pages 794-795 for suitable uses.

**Construction**
Housing: One-piece, die-cast aluminum, low-copper alloy, finished in white polyester powder coat. Closed-cell neoprene gasket seals against mounting surface for L/JB option. Provided with mounting brackets for four-point mounting. Weatherproof junction box and cover provided as standard for surface conduit wiring.

**Optics**
Lens: Clear prismatic polycarbonate, UV-stabilized, nominal thickness .125”. Lens secured by standard stainless steel slotted hex-head screws (four each included). One-piece silicone perimeter gasket seals out moisture and contaminants. Reflector: Horizontal reflector used with VR4C ICETRON™ system; vertical reflector used with VR4CV QL system.

**Electrical**
Lamps: Discharge vessel included and installed. ICETRON™ lamp is 35K; QL lamp is 30K. High-frequency generator/ballast: Supplies high-frequency current to the lamp to initiate and maintain a gas discharge for a rated 100,000 hours of life. The current travels through coils on the lamp (in the ICETRON™ system) or through coils on the Power Coupler (in the QL system) to create the magnetic (inductive) field. Suitable for ambient temperatures ranging from -40°C to 25°C. Discharge vessel/lamp: Glass bulb that contains a mixture of low-pressure mercury vapor and inert buffer gas. The wall of the lamp is coated with a fluorescent powder that produces light at 3000K (QL system) or 3500K (ICETRON™ system) and an 80+ CRI.

**Installation**
Ceiling or wall mount. Mounting brackets and junction box allow fixture to be installed without ever opening. For outlet box installation, see L/JB option. Wire leads will be routed out the rear conduit opening.

**Listings**

**ORDERING INFORMATION**
Lead times will vary depending on options selected. Consult with your sales representative.

**Example:** VR4CV 85IL TVOLT LPI

**ADDITIONAL INFORMATION**
For additional product information, visit www.lithonia.com.

**ACCESSORIES**
ORDER SEPARATELY
RK1 T20BIT TORX® TX20 hex-base driver bit for TRS option
RK1 T20DRV TORX® TX20 screwdriver for TRS option

**ADDITIONAL INFORMATION**
For additional product information, visit www.lithonia.com.

**Configurations**

<table>
<thead>
<tr>
<th>Series</th>
<th>Lamp type</th>
<th>Voltage</th>
<th>Options</th>
<th>Lamped</th>
</tr>
</thead>
<tbody>
<tr>
<td>VR4C 12” x 12”</td>
<td>70IL 70W ICETRON induction lighting system</td>
<td>TVOLT</td>
<td>EC Emergency circuit (Incandescent, 25W max)</td>
<td>LPI Lamp included (std.)</td>
</tr>
<tr>
<td>VR4C 12” x 12”</td>
<td>100IL 100W ICETRON induction lighting system</td>
<td>TVOLT</td>
<td>L/JB Less junction box</td>
<td></td>
</tr>
<tr>
<td>VR4C 12” x 12”</td>
<td>55IL 55W QL induction lighting system</td>
<td>TVOLT</td>
<td>PE Photorelectric cell (button type)</td>
<td></td>
</tr>
<tr>
<td>VR4C 12” x 12”</td>
<td>85IL 85W QL induction lighting system</td>
<td>TVOLT</td>
<td>TRS Tamper-resistant screws</td>
<td></td>
</tr>
<tr>
<td>VR4C 12” x 12”</td>
<td>85IL 85W QL induction lighting system</td>
<td>TVOLT</td>
<td>CSA Meets Canadian standards</td>
<td></td>
</tr>
</tbody>
</table>

**Notes**
1. See Configurations table for lamp compatibility.
2. ICETRON™ is a trademark of OSRAM SYLVANIA™.
3. Multi-volt electronic ballast capable of operating on any line voltage between 120V and 277V.
4. Tri-volt electronic ballast capable of operating on any line voltage between 200V and 277V.
5. For other options and accessories, see Accessories table and pages 148-149.
6. Maximum wattage lamp included.
7. Must specify voltage. Not available with MVOLT or TVOLT.
8. Lamp included and installed.