Quartz Restrike:
Most HID lighting fixtures are available with the QR factory installed quartz restrike option. This option uses a quartz halogen T4 lamp (100W-250W max.) to provide light continuously during cold start or hot restrike situations until the HID lamp is at approximately 70% or more of its rated output. Once the 70% level is reached, the quartz restrike module will power down the quartz lamp. Both lamps provide light during the critical warm-up period.

The quartz restrike option includes a prewired double contact bayonet (DCB) socket for use with a 120V, 100W to 250W T4 quartz lamp (provided by others). See table below for maximum T4 lamp wattage.

Note: The quartz restrike is not an emergency light source, it will only operate when the lighting circuit is energized. It is an alternate light source until the main HID lamp comes up to 70% or more.

When calculating line amperage requirements, the amperage rating for both the ballast and auxiliary lamp must be added into the circuit load.

Ordering Information:
Add QR suffix code to the fixture catalog number.
Example: Line 1: RHD80170EB120V QR
Line 2: STH802 QR

The quartz restrike option is not available on RHD601 and RHD602 with baffled reflectors or HID LiteBox® fixtures with open trims.

*DCB=Double Contact Bayonet Base
*Q.R. module wires to 120V tap of HID Ballast

### AUXILIARY LAMP WATTAGE TABLE FOR QUARTZ RESTRIKE

<table>
<thead>
<tr>
<th>Wattage of HID Lamp</th>
<th>Maximum Wattage of Integral Auxiliary Lamp</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Open Fixtures</td>
</tr>
<tr>
<td>35W through 100W</td>
<td>Lamp should not exceed the wattage of the main HID lamp</td>
</tr>
<tr>
<td>150W through 175W</td>
<td>Q150W T4 DCB</td>
</tr>
<tr>
<td>250W through 400W</td>
<td>Q250W T4 DCB</td>
</tr>
</tbody>
</table>

DCB Socket:
Most HID lighting fixtures are available with a factory installed DCB option quartz emergency socket. The DCB option provides a double contact bayonet socket that is installed into the specified HID housing. The DCB socket leads are then wired into the existing auxiliary power supply system. When a power outage occurs and the auxiliary power supply is turned on, the T4 Quartz lamp provides needed light until primary power is restored.

Note: In order for the DCB or quartz emergency socket to operate, the socket wire leads must be wired to a separate emergency circuit.

Ordering Information:
Customer Specified – Add the DCB suffix to the fixture catalog number and specify the following information:
- Voltage of emergency circuit
- AC lamp wattage
- Lamp code (lamp type and size)

Example: Line 1: RHD801100EB120V DCB
Line 2: STH802 DCB

Factory Specified – Add the DCB suffix to the fixture catalog number and the factory will supply the following:
- 120V AC lamp socket
- Label the DCB socket for the 120 AC lamp.

Example: Line 1: RHD801100EB120V DCB
Line 2: STH802 DCB

The DCB option is not available on 1269M5/7 or HID LiteBox® fixtures with open trims.

*DCB=Double Contact Bayonet Base
*Q.R. module wires to 120V tap of HID Ballast