WIRING DIAGRAM FOR TYPICAL ROADWAY SINGLE LUMINAIRE
(240 Side of 120/240 Single Phase)
(480 Side of 240/480 Single Phase)

WIRING DIAGRAM FOR TYPICAL ROADWAY DUAL LUMINAIRE
(240 Side of 120/240 Single Phase)
(480 Side of 240/480 Single Phase)

NOTES CONTINUED:
9. This detail only applies to High Pressure Sodium (HPS) horizontal,
vertical and high mast mount luminaires that are on standard or
break-away poles that do not have lowering devices unless
specified otherwise.

10. The un-fused in-line connectors shall be used inside the break-away
transformer base. See T.S. 5 Series for additional requirements.

11. Fused and un-fused in-line connectors shall be approved non-locking,
made of a flexible material that is suitable for roadway lighting
applications per the conditions present.

12. Connectors, fuse holders and fuses shall be approved.

13. The in-line fuse shall be suitable as a supplementary over current
protection device. They are to be a time delay fuses that have a
voltage rating of 600VAC. The interruption current ratings shall
be 100A rms symmetrical minimum.

14. Each individual luminaire on a single pole shall be on separate
feeder circuits. Each luminaire shall be individually fused.

15. Additional in-line breakaway connections shall not be provided on
standard base poles (non-break-away).

16. Traffic signal poles within the clear zone on break-away bases shall
be fused in similar fashion.

IN-LINE UL CLASS/FUSE SIZE: CLASS CC OR 5AG MIDGET

<table>
<thead>
<tr>
<th>Nominal HPS Luminaire</th>
<th>Line Voltage</th>
<th>Ampereage Rating</th>
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<tbody>
<tr>
<td>120</td>
<td>240</td>
<td>5</td>
</tr>
<tr>
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<td>480</td>
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<td>5</td>
</tr>
<tr>
<td>400</td>
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<td>5</td>
</tr>
</tbody>
</table>

IN-LINE BREAKAWAY CONNECTOR
(See Notes 3-7, configuration may vary from what is shown)

DOUBLE POLE BREAKAWAY
(In-Line Fuse Holder With Fuse)