• Standard Ballast is Electronic, HPF, Class P, and UL Listed for Universal Voltage.

• Suitable for damp locations

• I.B.E.W. labeled.

• All metal parts pretreated with a phosphate bonding process and post-painted with an electrostatically-applied high temperature baked white enamel for superior quality and durability.

• Die-formed 20 gauge cold rolled steel housing. Knockouts provided on housing back for mounting and electrical connections. Aluminum housing optional.

• Custom designed enhanced aluminum reflector with 95% reflectance.

• Optional 3/4" conduit suspension mount system

• Ballast easily removed without the use of tools.

• Hybrid fluorescent/LED tube option.

• Designed for commercial industrial applications where maximum fixture efficiency is required.

• 90% efficiency provides energy saving one-for-one alternative to HID High-Bay systems.

• Installing amalgam lamps helps maintain lumen output over wide temperature range.

• Energy saving lamps not compatible with low temperature applications.

• Available in T5 or T8, LED and hybrid versions.

• Optional framed lens and/or heavy-duty wire guard.

• Pendant mounted or chain hung, surface or stem mounted.

APPLICATION

• Designed for commercial industrial applications where maximum fixture efficiency is required.

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CONSTRUCTION

• Designed for commercial industrial applications where maximum fixture efficiency is required.

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• Installing amalgam lamps helps maintain lumen output over wide temperature range.

• Energy saving lamps not compatible with low temperature applications.

• Available in T5 or T8, LED and hybrid versions.

• Optional framed lens and/or heavy-duty wire guard.

• Pendant mounted or chain hung, surface or stem mounted.

FINISH

• All metal parts pretreated with a phosphate bonding process and post-painted with an electrostatically-applied high temperature baked white enamel for superior quality and durability.

ELECTRICAL

• Standard Ballast is Electronic, HPF, Class P, and UL Listed for Universal Voltage.

• UL listed and UL listed.

• Suitable for damp locations

• I.B.E.W. labeled.

 Job_______________________________________________

 Type______________________________________________

 Catalog #__________________________________________
PHOTOMETRIC DATA

Catalog Number: HE55448-CO9
Lamps: Five T54T5HO Lamps, Rated at 5000 Lumens Each

Total Luminaire Efficiency: 92.2%

Zonal Lumen Summary

<table>
<thead>
<tr>
<th>Zone</th>
<th>Lumens</th>
<th>%Lamp</th>
<th>%Fixt</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30</td>
<td>8110.6</td>
<td>32.4</td>
<td>35.2</td>
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<tr>
<td>0-40</td>
<td>12280.9</td>
<td>49.1</td>
<td>53.3</td>
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<tr>
<td>0-60</td>
<td>18832.9</td>
<td>75.3</td>
<td>81.7</td>
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<tr>
<td>60-90</td>
<td>4221.6</td>
<td>16.9</td>
<td>18.3</td>
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<tr>
<td>0-90</td>
<td>23054.5</td>
<td>92.2</td>
<td>100.0</td>
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<tr>
<td>90-180</td>
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<tr>
<td>0-180</td>
<td>23061.7</td>
<td>92.2</td>
<td>100.0</td>
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</table>

Luminance in Candela Per Square Meter

<table>
<thead>
<tr>
<th>Angle in Deg</th>
<th>Avg</th>
<th>Avg</th>
<th>Avg</th>
<th>Avg</th>
<th>Avg</th>
</tr>
</thead>
<tbody>
<tr>
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<td>14598</td>
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<tr>
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<td>12586</td>
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<td>70</td>
<td>11123</td>
<td>7409</td>
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<tr>
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<td>8675</td>
<td>4729</td>
<td>4209</td>
<td>4730</td>
<td>5180</td>
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<tr>
<td>112.5</td>
<td>7566</td>
<td>3201</td>
<td>4245</td>
<td>4968</td>
<td>5367</td>
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<tr>
<td>135</td>
<td>2037</td>
<td>1865</td>
<td>1582</td>
<td>1321</td>
<td>1241</td>
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</table>

Coefficients of Utilization - Zonal Cavity Method

<table>
<thead>
<tr>
<th>Effective Floor Reflectance 20%</th>
</tr>
</thead>
<tbody>
<tr>
<td>RC 80% 70% 60% 50% 40% 30% 20% 10% 0%</td>
</tr>
<tr>
<td>----------------------------------</td>
</tr>
<tr>
<td>RW 80% 70% 60% 50% 40% 30% 20% 10% 0%</td>
</tr>
</tbody>
</table>

ORDERING GUIDE

HE Series

<table>
<thead>
<tr>
<th>Nbr. of Lamps</th>
<th>Lamp Style</th>
<th>Fixture Size</th>
<th>Ballast</th>
<th>Volts</th>
<th>Lens Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-6, 8</td>
<td>32</td>
<td>48</td>
<td>CO, EO</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>2-6, 8</td>
<td>54</td>
<td>48</td>
<td>CO, EO</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

LAMPS:
- 32 - 32 Watt T8
- 54 - 54 Watt T5
- LED - LED tube

BALLASTS:
- 1 or 2 lamps:
  - EO - One ballast
- 3+ lamps:
  - EO - Two ballasts, wired inboard/outboard (or customer specified)
  - CO - One ballast

VOLTS:
- 1 - 120 Volts
- 4 - 277 Volts
- 8 - Universal Voltage (347-480)
- 9 - Universal Voltage (120-227)

Options:
- Use the following suffix for:
  - CD - Conduit Suspension Mount
  - MS - Motion Sensor - Consult Factory
  - CUL - CanadaUL Listed
  - EAR - Enhanced Aluminum Reflector (STD)
  - ALUM - Aluminum Body
  - PH - Piano Hinge
  - C1 - Chrome 11G Wire Guard
  - W1 - White 11G Wire Guard

Lens:
- BLANK - None
- CLRS - Clear Acrylic lens
- CPRS - Polycarbonate lens
- RS - Flush Steel Door
- CLC1RS - Clear Acrylic lens & wire guard
- C1- Chrome 11G Wire Guard
- W1 - White 11G Wire Guard

*For fluorescent/LED tube combination - Please consult factory

Cord options available.