LED T8 tube
-Ballast Fully Compatible

Model Number:
HDS-BL-18W1200 BQET+

Performance Summary
- Directly replace florescent 4ft T8-plug and play, no rewiring
- Fully compatible with most of magnetic ballast or electronics ballast
- Fully functional by-passing existing ballast in the circuit
- 4ft, 18W, lumen efficacy of 110~120lm/W, 50% energy saving
- CRI: Ra>80, THD<20
- UL/cUL, DLC Certified
- 5 year Warranty

Ordering Information:

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
<th>Lumen efficacy</th>
<th>Length</th>
<th>Input Voltage</th>
<th>Watts</th>
<th>Lumens</th>
<th>Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDS- BL-18W1200</td>
<td>18W, T8 tube, 1200mm/4ft, non-dim, ballast compatible, instant fit, no re-wiring</td>
<td>110~120lm/W</td>
<td>1200mm/ 4ft</td>
<td>100-277V ac</td>
<td>18</td>
<td>WW: 1,680lm, CW: 1,880lm</td>
<td>UL/cUL, DLC</td>
</tr>
</tbody>
</table>

Drawing:

A (mm) 1199
B (mm) 1213
* Note: size tolerance is ±1mm

www.beoffthegrid.com  info@beoffthegrid.com  1-908-507-5809
Installation Diagrams

Scenario 1: Magnetic Ballast Circuit

100~277Vac

Magnetic ballast

Fluorescent lamp

Starter

100~277Vac

Magnetic ballast

Ballast Fully Compatible

LED T8 tube

Starter

Scenario 2: Electronics Ballast Circuit

100~277Vac

Electronics ballast

Fluorescent lamp

100~277Vac

Electronics ballast

Ballast Fully Compatible

LED T8 tube

Scenario 3: By pass existing ballast in the circuit

100~277Vac

Ballast Fully Compatible

LED T8 tube

Without Ballast
Be Off The Grid com Inc.
Compatible LED Tubes
Commercial LED lighting supplier

Features

- LED type: 114 pcs SMD2835
- Luminous Efficacy: 110~120lm/W
- Power: 18W (rated), 18W +/- 1.5W (actual)
- Power Factor: >0.95
- THD: <20
- Lens Option: Frosted, Clear
- Color Temperature: 3000K/4000K/5000K
- CRI: Ra>80
- Connectors: G13
- Beam Angle: 150 degree
- Net Weight: 0.7kg/pc
- Instant on, no flicker or buzz
- Directly replace fluorescent 4ft T8-plug and play, no rewiring
- Fully compatible with most of magnetic ballast or electronics ballast
- Fully functional by-passing existing ballast in the circuit
- Warranty: 5 years
- Certificate: UL/cUL, DLC

Lux Chart

<table>
<thead>
<tr>
<th>Model#</th>
<th>Height</th>
<th>Average Lux (lx)</th>
<th>Light range (dia.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HDS-BL-T8-18W1200 BQET+</td>
<td>1M</td>
<td>450</td>
<td>273cm</td>
</tr>
<tr>
<td>HDS-BL-T8-18W1200 BQET+</td>
<td>2M</td>
<td>112</td>
<td>546cm</td>
</tr>
<tr>
<td>HDS-BL-T8-18W1200 BQET+</td>
<td>3M</td>
<td>50</td>
<td>819cm</td>
</tr>
<tr>
<td>HDS-BL-T8-18W1200 BQET+</td>
<td>4M</td>
<td>28</td>
<td>1092cm</td>
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</tbody>
</table>

Photometrics

HDS-BL-T8-18W1200 BQET+
AVERAGE BEAM ANGLE (50%): 121.1 DEG

Packaging

<table>
<thead>
<tr>
<th>Dimensions (4ft)</th>
<th>Carton size</th>
<th>G.W./Carton</th>
<th>Quantity</th>
<th>Manner of packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1245x260x225mm</td>
<td></td>
<td>22.0KG</td>
<td>35pcs</td>
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</table>

Notice: This product is compatible with over 90% ballast on the market, HDS highly recommends buyers to test the compatibility on site before ordering by large volume.

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