YAM Series

Beyond LED YAM Series Linkable T8 LED Integrated Lamps perform efficiently in conditions where low voltage, halogen, or fluorescent luminaires have traditionally been used. Our LED tubes incorporate integral drivers, are self-supporting, and can be surface mounted. Individual units can be plugged together for continuous lengths up to 32 feet. Our YAM Series Lamps connect directly to line voltage and can be used in any interior space.

- Ultra-light and Ultra-thin Design
- Operates directly from line voltage
- Usable as a stand alone fixture
- Linkable up to 32 Ft (200w)

- Efficiency up to 130 lumens per watt
- Aluminum and PC housing
- Universal 100-277Vac 50-60Hz
- Rated lifetime 50,000 hours
LED Linkable Batten Fixture
YAM Series

Specifications

<table>
<thead>
<tr>
<th>SKU #</th>
<th>Model #</th>
<th>Watts</th>
<th>Length</th>
<th>Qualified</th>
<th>Lumens</th>
<th>CCT</th>
<th>Lens</th>
<th>Input Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>150868</td>
<td>BLT-BA-01-40D</td>
<td>40W</td>
<td>4'</td>
<td>ETL &amp; DLC</td>
<td>4800Lm</td>
<td>5000K</td>
<td>Frosted</td>
<td>100-277V</td>
</tr>
<tr>
<td>150867</td>
<td>BLT-BA-01-40Dv</td>
<td>40W</td>
<td>4'</td>
<td>ETL &amp; DLC</td>
<td>4800Lm</td>
<td>5000K</td>
<td>Striped</td>
<td>100-277V</td>
</tr>
<tr>
<td>150968</td>
<td>BLT-BA-01-40C</td>
<td>40W</td>
<td>4'</td>
<td>ETL &amp; DLC</td>
<td>4400Lm</td>
<td>4000K</td>
<td>Striped</td>
<td>100-277V</td>
</tr>
</tbody>
</table>

CONSUMPTION
40W

VIEWING ANGLE
110°

INPUT VOLTAGE
AC 100-277Vac - 50/60Hz

POWER FACTOR
≥0.92

Fixture Specifications

<table>
<thead>
<tr>
<th>LED BRAND</th>
<th>EPISTAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED TYPE</td>
<td>SMD LM-80</td>
</tr>
<tr>
<td>HOUSING</td>
<td>Aluminum</td>
</tr>
<tr>
<td>COVER</td>
<td>PC</td>
</tr>
<tr>
<td>LENGTH</td>
<td>4 ft</td>
</tr>
</tbody>
</table>

Others

<table>
<thead>
<tr>
<th>OPERATION TEMPERATURE</th>
<th>APPLICATION</th>
<th>CRI</th>
<th>BEAM ANGLE</th>
<th>DIMMABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>-4°F - 104°F</td>
<td>Indoor</td>
<td>&gt;82</td>
<td>110°</td>
<td>No</td>
</tr>
</tbody>
</table>

Warranty & Qualification

<table>
<thead>
<tr>
<th>WARRANTY</th>
<th>ETL LISTED</th>
<th>DLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-Year Limited</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
LED Linkable Batten Fixture
YAM Series

Dimensions

<table>
<thead>
<tr>
<th>BOX TYPE</th>
<th>SIZE</th>
<th>QTY / CARTON</th>
<th>WEIGHT / CARTON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Box</td>
<td>50” x 7” x 7”</td>
<td>10</td>
<td>15 lbs</td>
</tr>
</tbody>
</table>

Notice For User
- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, please make sure the wiring section is insulated.
- Licensed Electrician Installation ONLY.
- DAISY-CHAIN NO MORE THAN 200W
LED Linkable Batten Fixture
YAM Series

Linkable Version

- Seamless connector
- Male-female design

Linkable Version Accessories

- Strong metal clips and screw set
- Hanging set
- Seamless connector
- Wire extended cable

Independent Version Accessories

- Strong metal clips and screw set
- Hanging set
LED Linkable Batten Fixture
YAM Series

Ceiling Installation Guide

Step 1: Corresponding installation position. Set a suitable clamp position.

For safety, all power MUST be disconnected prior to removal of existing lamps and installation of LED Batten Light.

WARNING: Failure to disconnect power could result in serious injury or death. It is the end user’s responsibility to consult a licensed electrician and check all local building codes before installation. Risk of fire. Fixtures are rated for use in 100-277Vac, 50-60HZ. Protected circuit and 90°C rated supply Risk of cut. The enclosed product may have sharp edges. Wear gloves to prevent cuts when handling, removing, installing, and maintaining.

Step 2: Push holes for screw at the surface of the installation platform.
Install the screw and suspension parts. Use screw to fix the suspension part.

Step 3: Lock the one side of the lamp body to the then to the other side.

Step 4: Check if lamp is positioned firmly.
Suspension Installation Guide

Step 1: Identify the two terminal ropes.

Step 2: Loosen A terminals.

Step 3: Fix the screw on the ceiling wall for pendent rope.

Step 4: Loosen B terminal. Connect rope and clamp together.

Step 5: Clip the lamp and clamp together. Repeat step for other clamp.

Step 6: Adjust the rope length. Installation should be finished.
LED Linkable Batten Fixture
YAM Series

Distribution Diagram

<table>
<thead>
<tr>
<th>DATA OF LAMP</th>
<th>PHOTOMETRIC DATA</th>
<th>Eff: 106.47 lm/W</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODEL</td>
<td>MC-BA-01-40B</td>
<td>Imax(cd)</td>
</tr>
<tr>
<td>NOMINAL POWER(W)</td>
<td>40</td>
<td>LOR(%)</td>
</tr>
<tr>
<td>RATED VOLTAGE(V)</td>
<td>120</td>
<td>TOTAL FLUX(lm)</td>
</tr>
<tr>
<td>NOMINAL FLUX(lm)</td>
<td>3932</td>
<td>CIE CLASS</td>
</tr>
<tr>
<td>LAMPS INSIDE</td>
<td>1</td>
<td>ηUP(%)</td>
</tr>
<tr>
<td>TEST VOLTAGE(V)</td>
<td>120</td>
<td>ηDown(%)</td>
</tr>
</tbody>
</table>

Distribution Diagram:

**LUMINOUS INTENSITY DISTRIBUTION DIAGRAM**

- Average beam angle (50%): 111.4 DEG

**PLANAR ISOLUX DIAGRAM (UNIT: lx)**

- Range: 0.0 - 1180 DEG
- Interval: 10.0 DEG
- Test System: EVERFINE CO-R5000 V2 SYSTEM W2.0.287
- Humidity: 67.1%
- Test Distance: 26.000m [K=1.0000]
- Remarks:

**PHOTOMETRIC TEST REPORT**

- NAME: [NAME]
- SPEC.: [SPEC.]
- MFR.: HILUX LED CO., LTD
- TYPE: MC-BA-01-40B
- DIM.: [DIM.]
- SUR.: 1.13*0.06
- WEIGHT: [WEIGHT]
- SERIAL No.: [SERIAL No.]
- PROTECTION ANGLE: [ANGLE]
- Test: U: 120.0V I: 0.3172A P: 36.93W PF: 0.9696
- Lamp Flux: 3932 lm
- C0/180, 108.5deg: 1100
- C90/270, 114.4deg: 930
- AVERAGE BEAM ANGLE (50%): 111.4 DEG

**MODEL**
- NOMINAL POWER(W): 40
- RATED VOLTAGE(V): 120
- NOMINAL FLUX(lm): 3932
- LAMPS INSIDE: 1
- TEST VOLTAGE(V): 120

**DATA**
- Imax(cd)
- S/MH(C0/180)
- S/MH(C90/270)
- TOTAL FLUX(lm)
- ηUP(DN)(C0-180)
- ηUP(DN)(C180-360)
- CIE CLASS: DIRECT
- ηUp(DN)(C0-180)
- ηDown(DN)(C0-180)
- CIBSE SHR NOM
- CIBSE SHR MAX

**TEST**
- C0/180, C90/270
- 108.5deg, 114.4deg
- 0.8, 47.6
- 1.2, 50.4
- 2.0, 98.0

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Beyond LED Technology | 1939 Parker Ct, Stone Mountain, GA, 30087

Due to continuous product improvement, information in this document is subject to change.
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Application Images