**BoldPlay LED**

**Project Name:**

**Spec Type:**

**Notes:**

**Suspended**

**Direct/Indirect**

**3500K, 4800lm**

**Web:** ledalite.com  
**Phone:** 604.888.6811  
**Fax:** 800.665.5332

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**Filename:** 7806LBCQN.pdf  
**03 13**

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**Order Guide**

Some combinations of product options may not be available. Consult factory for assistance with your specification.

<table>
<thead>
<tr>
<th>7806</th>
<th>LB</th>
<th>C</th>
<th>QN</th>
<th>12</th>
<th>7</th>
<th>X</th>
<th>E</th>
<th>W</th>
<th>–</th>
</tr>
</thead>
</table>

- **Product Series & Type:** Direct Indirect
- **Source & Color:** LB LED, 3500K
- **Lumen Package:** C 4800lm*
- **Optics:** QN MesoOptics Lens
- **Run Length:**
  - 04 ft  
  - 08 ft
- **Wiring:**
  - 1 1cct
  - 3 1cct w/emergency wiring
  - 7 1cct dimming (0-10V)
- **Voltage:**
  - 1 120V
  - 2 277V
- **Finish:**
  - W White
  - T Titanium Silver
  - B Black
  - C Custom Color
- **Controls:**
  - DS Daylight Response Sensor

*4ft nominal

**COMPLETE PART NUMBER:**

7806LBCQN-12-7-VOLT-E-W-A1-48 (4’ CKT A / 8’ CKT B)

**Mounting Hardware**

**Mount Type:** Consult separate mounting spec sheet for mount type options

**Suspension Length:** Enter distance from ceiling to top of fixture in inches

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**Endcaps** Please indicate with check mark.

- Sculpted Endcap (standard)
- Gloss Black Flat Endcap
- Gloss White Flat Endcap
- Solid Flat Endcap

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**For details visit ledalite.com/response**

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**Endcaps**

- "Sculpted Endcap (standard)"
- "Gloss Black Flat Endcap"
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Mount Spacing* 116 91 13 275 517 340 0 3671
Fax: 800.665.5332 50 208 49 42 28 24 473 17 26 30 37.4 50 178 352 35 403 356 50 39 27 26 340 345 0 46
Due to continuing product improvements, Philips Ledalite reserves the right to change specifications without notice.

Additional Information

<table>
<thead>
<tr>
<th>Modules</th>
<th>Upper Optics</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Module length excludes endcaps. Nominal mounting spacing for individually mounted modules.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Module</strong></td>
<td><strong>Mounting</strong></td>
<td><strong>Height</strong></td>
</tr>
<tr>
<td>4 ft</td>
<td>4' 0&quot;</td>
<td></td>
</tr>
<tr>
<td>8 ft</td>
<td>8' 0&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>Endcaps</strong></td>
<td></td>
<td><strong>Mounting</strong></td>
</tr>
<tr>
<td>Sculpted</td>
<td>2 3/16&quot;</td>
<td>Tamp-resistant aircraft cable grip provides infinite vertical adjustment capability. Aircraft cable, crimp and cable gripper are independently tested to meet stringent safety requirements.</td>
</tr>
<tr>
<td>Flat</td>
<td>2 3/16&quot;</td>
<td></td>
</tr>
<tr>
<td><strong>Housing</strong></td>
<td></td>
<td><strong>Endcaps</strong></td>
</tr>
<tr>
<td>18 gauge cold-rolled steel, precision formed and welded.</td>
<td>Endcaps are diecast aluminum; available in sculpted (standard) or flat (optional). Three flat versions are available.</td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td></td>
<td><strong>Driver</strong></td>
</tr>
<tr>
<td>Maximum 3.75 lb/ft.</td>
<td></td>
<td>Dimming: 0-10V - 5-100%. Output is Class 2 rated.</td>
</tr>
<tr>
<td><strong>Optical System</strong></td>
<td></td>
<td><strong>Approvals</strong></td>
</tr>
<tr>
<td>BoldPlay is comprised of arrays of LEDs, edge-lighting a low profile Light Guide panel. The Light Guide panel allows light to be coupled and transmitted through total internal reflection. The etched surface of the panel optimizes the light extraction to create a direct indirect distribution. Light is purified and controlled by MesoOptics film as it passes through the non-glare acrylic lens. Standard distribution is 70% up/30% down.</td>
<td>Certified to UL, CSA and IES standards.</td>
<td></td>
</tr>
<tr>
<td><strong>Lumen Maintenance</strong></td>
<td></td>
<td><strong>Finish</strong></td>
</tr>
<tr>
<td>At an ambient operating temperature of 25°C, the LED lumen maintenance expectation is Lm @ 60,000h.</td>
<td>Standard finish is textured matte White, Black or Titanium Silver.</td>
<td></td>
</tr>
<tr>
<td><strong>Electrical</strong></td>
<td></td>
<td><strong>Environment</strong></td>
</tr>
<tr>
<td>Factory pre-wired to section ends with quick-wire connectors.</td>
<td>Rated for dry or damp locations in operating ambient temperatures of 0-40°C (32-104°F).</td>
<td></td>
</tr>
</tbody>
</table>
BID PACKAGE #25  
VAN VLECK OBSERVATORY, RM. 110  
96 FOSS HILL DRIVE  
CLASSROOM PROJECT  

NOTE: REFERENCE PROJECT MANUAL DATED 1/4/2013 FOR THE BALANCE OF PROJECT REQUIREMENTS (THIS NOTE APPLIES TO ALL PHOTO SHEETS).
PHOTO. NO. REVISIONS

Construction Services
170 Long Lane
Middletown, CT 06459

WESLEYAN UNIVERSITY

P-110-3

BID PACKAGE #25
VAN VLECK OBSERVATORY, RM. 110
96 FOSS HILL DRIVE
CLASSROOM PROJECT

DATE: 06/20/13
PHOTO. NO.

SECTION 00020 - EXISTING CONDITION PHOTOS
PHOTO. NO. 06/20/13

APRIL 2004 RENOVATION DRAWINGS – ISSUED FOR REFERENCE ONLY

GENERAL NOTES – LIGHTING

1. All circuits shall be 20A, 120V, 240VAC, to new 20A-1P circuit breaker in panel indicated unless noted otherwise.

2. All 120/240VAC branch circuits exceeding 100ft in length shall be increased to 200A, 200V, 240VAC, unless noted otherwise.

3. Emergency lighting and exit signs shall be wired to line side of local, lighting branch circuit, ahead of all switching devices.

4. Refer to architects' reflected ceiling plan for exact locations of ceiling mounted devices.

5. Refer to drawing E-1 for lighting fixture schedule.

6. Refer to drawing E-1 for symbol list.

7. Provide 3M2-1P to a 20A-1P circuit breaker within lighting panel.

8. Provide 3M2-1P to a 20A-1P circuit breaker within emergency panel within area.

SCALE: 1/8" = 1'