LED DUSK TO DAWN WALL LIGHT

Quick Start Guide

MODEL:

☐ BDB55-3     ☐ 3-LBA80KB     ☐ BDD100-3
COMPONENTS AND STRUCTURE

BDB55-3

3-LBA80KB

BDD100-3

1. Cover
2. LED Light Source
3. Lamp Bracket
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>BDB55-3</th>
<th>3-LBA80KB</th>
<th>BDD100-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Current</td>
<td>0.5A</td>
<td>0.68A</td>
<td>0.83A</td>
</tr>
<tr>
<td>Rated Power</td>
<td>55W</td>
<td>80W</td>
<td>100W</td>
</tr>
<tr>
<td>Luminous Flux</td>
<td>5500lm</td>
<td>7300lm</td>
<td>9000lm</td>
</tr>
<tr>
<td>Input Voltage</td>
<td></td>
<td>100-120V ~ 60Hz</td>
<td></td>
</tr>
<tr>
<td>CCT</td>
<td></td>
<td>6500K</td>
<td></td>
</tr>
<tr>
<td>CRI</td>
<td></td>
<td>≥80</td>
<td></td>
</tr>
<tr>
<td>Power Factor</td>
<td></td>
<td>≥0.9</td>
<td></td>
</tr>
<tr>
<td>L₇₀B₅₀ lifetime</td>
<td></td>
<td>30000hours L₇₀B₅₀ @ 25°</td>
<td></td>
</tr>
<tr>
<td>Beam Angle</td>
<td></td>
<td>120°</td>
<td></td>
</tr>
<tr>
<td>ta</td>
<td></td>
<td>-20-40°C/-4°F-104°F</td>
<td></td>
</tr>
<tr>
<td>Luminaire Location</td>
<td></td>
<td>SUITABLE FOR WET LOCATIONS</td>
<td></td>
</tr>
</tbody>
</table>

### PARTS LIST

- **A** Machine Screw: QTY: 3
- **B** Expansion Rubber Plug: QTY: 3
- **C** EVA Gasket: QTY: 1
- **D** Mounting Bracket: QTY: 1
- **E** Wire Nuts: QTY: 3
- **F** Long Machine Screw: QTY: 1
- **G** Silicone Gasket: QTY: 1
- **H** Machine Screw: QTY: 2
- **I** Machine Screw: QTY: 2
# SPECIFICATIONS

## DIMENSIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>BDB55-3</th>
<th>3-LBA80KB</th>
<th>BDD100-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (LxHxW)</td>
<td>272x123x121mm/10.71x4.84x4.76 in</td>
<td>364x158x116 mm/14.33x6.22x4.57 in</td>
<td>455x182x120 mm/17.9x7.16x4.72 in</td>
</tr>
<tr>
<td>Weight</td>
<td>0.9kg/1.98 lb</td>
<td>1.1 kg/2.43 lb</td>
<td>1.45kg/3.2lb</td>
</tr>
<tr>
<td>Max Projected Area</td>
<td>0.0214m²/0.23ft²</td>
<td>0.0512m²/0.551ft²</td>
<td>0.049m²/0.52ft²</td>
</tr>
<tr>
<td>Max. Lighting Coverage</td>
<td>90m²/968ft²</td>
<td>128m²/1377ft²</td>
<td>160m²/1722ft²</td>
</tr>
</tbody>
</table>

**Note:**
The testing standard of the product's luminous flux: Place the three/two lights on the same horizontal surface for testing, and the tested luminous flux is the accurate luminous flux.
NOTE:
Before beginning assembly of product, make sure all parts are present. Compare parts with parts list. If any part is missing or damaged, do not attempt to assemble the product. Estimated Assembly Time: 30-60 minutes.

Recommended to be installed on the ground above 2.5m (8.2 ft) and no higher than 5 m (16.4 ft).

Product appearance may vary from image shown.

TOOLS REQUIRED (not included)

- Flathead screwdriver
- Screwdriver
- Silicone Sealant
- Eye Protection
- Pliers
- Step Ladder

WARNING:
THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

CAUTION:
PLEASE MAKE SURE YOUR WALL SWITCH AND POWER AT MAIN CIRCUIT BREAKER BOTH ARE OFF.

IF IN DOUBT ABOUT ELECTRICAL INSTALLATION, CONSULT A LICENSED ELECTRICIAN.
RISK OF SHOCK:
BEFORE BEGINNING INSTALLATION, TURN OFF ELECTRICITY AT THE CIRCUIT BREAKER BOX OR THE MAIN FUSE BOX.

NOTE:
BE SURE TO USE WIRE NUTS/CONNECTORS RATED FOR THE CORRECT GAUGE AND NUMBER OF WIRES USED.
MAKE SURE THERE ARE NO EXPOSED WIRE BUNDLES OUTSIDE THE WIRE NUT/CONNECTOR (IF APPLICABLE).
BE CAREFUL NOT TO DAMAGE OR CUT THE WIRE INSULATION (COVERING) DURING INSTALLATION. DO NOT LET THE WIRES TOUCH ANY SHARP EDGES.

WARNING:
DO NOT CONNECT THIS LIGHT FIXTURE TO AN UNGROUNDED ELECTRICAL SYSTEM. ATTACH GROUND FIXTURE WIRE TO EITHER GREEN GROUND SCREW ON MOUNTING PLATE OR THE GROUND WIRE IN THE OUTLET BOX.
INSTALLING THIS LIGHT IN AN UNGROUNDED ELECTRICAL SYSTEM MAY CAUSE THE METAL PARTS OF THE LIGHT TO CARRY CURRENT IF ANY WIRES OR WIRE CONNECTIONS ARE DAMAGED OR LOOSE. IN THIS CASE, ANYONE WHO TOUCHES THE LIGHT WILL RECEIVE AN ELECTRIC SHOCK, RESULTING IN INJURY OR DEATH.
INSTALLATION STEPS

FOR WET LOCATION, MAKE SURE FILL FULL THE GAP OF EVA GASKET AND MOUNTING SURFACE WITH SEALING COMPOUND OR SILICON GLUE.

1. FOR WET LOCATION, MAKE SURE FILL FULL THE GAP OF EVA GASKET AND MOUNTING SURFACE WITH SEALING COMPOUND OR SILICON GLUE.

2. INSTALLATION STEPS

D E H
BLACK LIVE WIRE
BLACK LIVE WIRE
FROM FIXTURE FROM HOUSE

WHITE NEUTRAL LINE
FROM HOUSE
WHITE NEUTRAL LINE
FROM FIXTURE

BLACK LIVE WIRE
FROM HOUSE
BLACK LIVE WIRE
FROM FIXTURE

GREED GROUND WIRE
FROM HOUSE
GREED GROUND WIRE
FROM FIXTURE
The raised part (RA) of the metal plate must be engaged with the recessed part (RE) of the base, otherwise it cannot be installed.