

**INSTALLATION INSTRUCTIONS: 4VLED and 6VLED RECESSED LED LIGHTING FIXTURES**

**IMPORTANT: READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING FIXTURE.**

- This fixture is suitable for use in Damp or Wet Locations, covered recessed ceilings only, in a maximum 45°C (113°F) environment.
- **CAUTION: RISK OF FIRE-** Do not install insulation within 3” of fixture sides or wiring compartment, nor above fixture in a manner to entrap heat.
- **CAUTION:** Use only with Pathway reflector assemblies specified on model nameplate.
- This unit should only be installed in accordance with the NEC and local codes, by a qualified electrician only.

**INSTALLATION:**

- 1) Slide appropriate hanger bars (ordered separately or by others) into slots of adjustable brackets. (see table below). Attach to joists or T-grid. Loosen the bracket wing nuts from the inside of the fixture, and adjust the hanger bar brackets, so that the lower lip of the fixture flange will be **flush, or 1/8” above (max)** to the bottom of the ceiling surface.

**4 and 6VWW wallwash fixtures only – IMPORTANT NOTE:**

**Fixture must be positioned in relationship to the wall to be illuminated, as per labels on main housing. (The junction box *MUST* either be positioned *towards*, or *away from* wall to be illuminated, to allow proper insertion of wallwash reflector).**

- 2) Open junction box cover, and route AC circuit of rated voltage into fixture junction box. (Circuit should not be energized at this time). Connect to the AC input wiring as follows\*: **120 or 277VAC Hot** feed to **black (or red)** input wire, **neutral** feed to **white** input wire, **copper** wire to **ground**.

**Important notes:**

**If dimming is used, connect suitable 0-10 volt 4-wire dimming control system to violet and gray input wires. (See opposite side of sheet for approved dimmers). Otherwise, leave these wires insulated.**

**\*For fixtures with optional “EM” emergency pack, refer to separate instructions for additional circuit requirements, and wiring information.**

- 3) Once wiring is complete, close junction box cover.
- 4) Install lower reflector assembly by pressing upwards against grip clips, until fully flush with ceiling surface. For wallwash reflectors only, squeeze torsion springs together, and engage in support brackets at fixture opening, positioning the small “kicker” reflector away from the surface to be illuminated,
- 5) Energize AC, and fixture will illuminate.

**Hanger Bar types available from Pathway – (ordered separately)**

Hanger Bar P/N:	Bar type – two supplied per fixture:	Application:
101782	24” one-piece rigid bar w/clips	24” T-grid
9127	27” piece adjustable C-channel	T-grid, adjustable 14.5”–24”
24CBH	24” one-piece rigid “B Line” C-channel	24” metal or wood joist
9152	52” one-piece rigid C-channel	52” metal joist*
27BH	27” one piece rigid bar w/end holes	24” metal or wood joist**
TBHB	27” two-piece bar adjustable w/clips	T-grid, adjustable 15”-24”

\* use auxiliary suspension to ceiling structure

\*\* use auxiliary securement to ceiling structure or T-grid

## Compatible Dimming Control Manufacturers:

The flexibility provided by Philips Fortimo DLM 0-10V drivers includes the freedom to choose controls from a wide variety of manufacturers.

<a href="#">AMX Corporation</a>	<a href="#">Anigmo</a>	<a href="#">Automated Logic Corp</a>
<a href="#">Avab America</a>	<a href="#">Colortran, Inc.</a>	<a href="#">Cooper Controls</a>
<a href="#">Crestron Electronics</a>	<a href="#">Digital Lighting Systems</a>	<a href="#">DimOnOff</a>
<a href="#">Douglas Lighting Controls</a>	<a href="#">Eaton</a>	<a href="#">Electronics Diversified, Inc.</a>
<a href="#">Encelium</a>	<a href="#">Entertainment Technology</a>	<a href="#">ETC (Electronic Theatre Controls)</a>
<a href="#">Hubbell Building Automation</a>	<a href="#">Hunt Dimming</a>	<a href="#">Intelligent Lighting Controls</a>
<a href="#">Johnson Controls</a>	<a href="#">Leax Controls</a>	<a href="#">Legrand/Pass and Seymour</a>
<a href="#">Lehigh Electric Products Co.</a>	<a href="#">Leviton Lighting Control Div.</a>	<a href="#">Lighting Control and Design</a>
<a href="#">Lightolier Controls</a>	<a href="#">Lutron</a>	<a href="#">Marlin Controls</a>
<a href="#">Nexlight</a>	<a href="#">Novar Controls</a>	<a href="#">Payne Sparkman Mfg. Inc.</a>
<a href="#">PDM Electrical Products</a>	<a href="#">Philips Dynalite</a>	<a href="#">Philips Lighting Controls</a>
<a href="#">Philips Teletrol</a>	<a href="#">PLC Multipoint</a>	<a href="#">Sensor Switch</a>
<a href="#">Starfield Controls</a>	<a href="#">Sterner Controls</a>	<a href="#">Strand Lighting</a>
<a href="#">Synergy Lighting Controls</a>	<a href="#">Touch-Plate Lighting</a>	<a href="#">Vantage Lighting Control</a>
<a href="#">Watt Stopper, Inc</a>		

Before using any other control systems, contact Philips Technical Service at 1-800-372-3331 to insure compatibility.

Important note: This fixture is suitable for use with occupancy sensors, and other similar energy-saving control systems, which activate and inhibit the AC input to the fixture.

## SAVE THESE INSTRUCTIONS

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