

OPEN BEAM PENDANT

Linear LED Indirect Pendant Light - Dry Location



FEATURES

This LED pendant provides direct and indirect light, diffused across a broad area, both above and below the fixture. The center of the pendant is left completely open, while the precise geometry of the bars and recessed source allows you to look at and through it without seeing the light source.

BODY CONSTRUCTION

The Open Beam Pendant is composed of twin, CNC-milled aluminum bars, each with an inward facing groove to hold a continuous LED strip on both sides. The bars are tenuously held at the ends by a pair of solid hardwood blocks, also CNC-milled, with a subtle but sculptural curve facing toward the light. The blocks and bars are attached with concealed fasteners and all wiring is internal.

SUSPENSION SYSTEM

Two aircraft suspension cables attach to minimal stainless steel fittings in the hardwood blocks at each end of the fixture. An 18ga power cord is located next to the cable on one side. The suspension length is 72" standard, with longer lengths available. The suspension cables and power cord are both field cuttable. The suspension cable length is adjusted at the fixture, while the power cord length is adjusted at the ceiling junction box. Rigid stem mounting is also available.

INSTALLATION

The fixture is designed to attach to most common ceiling systems. For the side of the fixture with the powered connection, a round cover plate is provided, with attachments for standard ceiling junction boxes. The cable support at the other end of the fixture will require blocking in the ceiling for the attachment.

POWER SUPPLY & DIMMING

A remote electronic LED power supply is required with the fixture, to convert standard 120v AC voltage to 24v DC. A variety of power supply options are available, including compact to fit inside a round ceiling junction box, a dimmer switch with integrated power supply, and larger dimmable power supplies to be mounted remotely in dedicated junction boxes.

LED LIGHT SOURCE

Running the length of the fixture are two LED tape lights, recessed into grooves down the center of each bar. The tape lights provide continuous light output with a color temperature of 3000k (soft white) and a range of light output options:

- 250 lumens/ft (mood lighting)
 - 700 lumens/ft (task lighting)
- The color rendering index is 80-90 CRI, depending on the output selected. The delivered lumens vary depending on the color chosen for the fixture body.

FINISHES

The aluminum bars are offered with a satin anodized finish, or matte powdercoat finish in any RAL or custom powdercoat color. The hardwood blocks are American Black Walnut, with other hardwoods available as a custom option. The power cord and ceiling cover plate are available in black or white.

CUSTOMIZATION

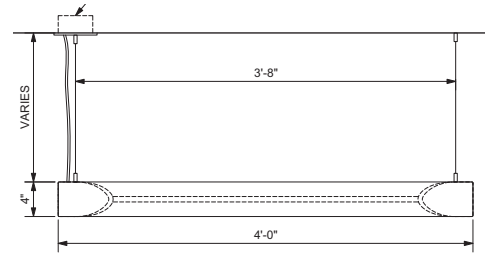
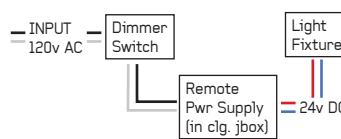
The fixture is available in some standard configurations listed below, but the length, light output, and suspension length can all be customized. Additionally, custom graphics can be engraved into the face of the aluminum bars as an add-on option.



WIRING DIAGRAM: "SWITCHEX"



WIRING DIAGRAM: REMOTE



Fixture Part Number (Example: MP-OBP-48-L250-DIMSWX-ACS-WH-ANC-ENG)

Housing	Length	Light Output	Power Supply	Suspension System	Cord/Clg Plate	Body Finish	Options
MP-OBP	-24	-L250 (250lm/ft - 3.1w/ft)	-DIMSWX (Switch w/ Integrated driver)	-ACS10 (10' Aircraft Cables)	-WH (White)	-ANC (Clear Anodized)	-ENG (Custom engraving)
	-36	-L700 (700lm/ft - 8.6w/ft)	-DIMCJB (Compact Jbox power supply)	-ACS13 (13' Aircraft Cables)	-BK (Black)	-ANB (Black Anodized)	-BB (Beadblasted Finish)
	-48		-DIM010 (0-10v dimmable driver)	-RSS6 (6' Rigid Stem)		-PWC (Powdercoat)	-SCC (Sloped Ceiling Canopy)
	-60		-DIMLUT (Lutron 0.1% dimmable driver)	-RSS10 (10' Rigid Stem)		(Specify color)	-WD (Custom hardwood)
	-96						(specify species)

Color and Material Notes:

- For anodized finishes, clear or black are standard. Other anodized colors available as a custom option
- For powdercoat finishes, RAL colors are preferred. Prismatic, Tiger Drylac, or Cardinal brand colors are also acceptable.
- For hardwood block wood species, walnut, maple or ash are preferred to avoid tear-out during cnc-milling. Other wood species can be reviewed for compatibility as a custom option.

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