

MINI PIVOT TRACK

PENDANT

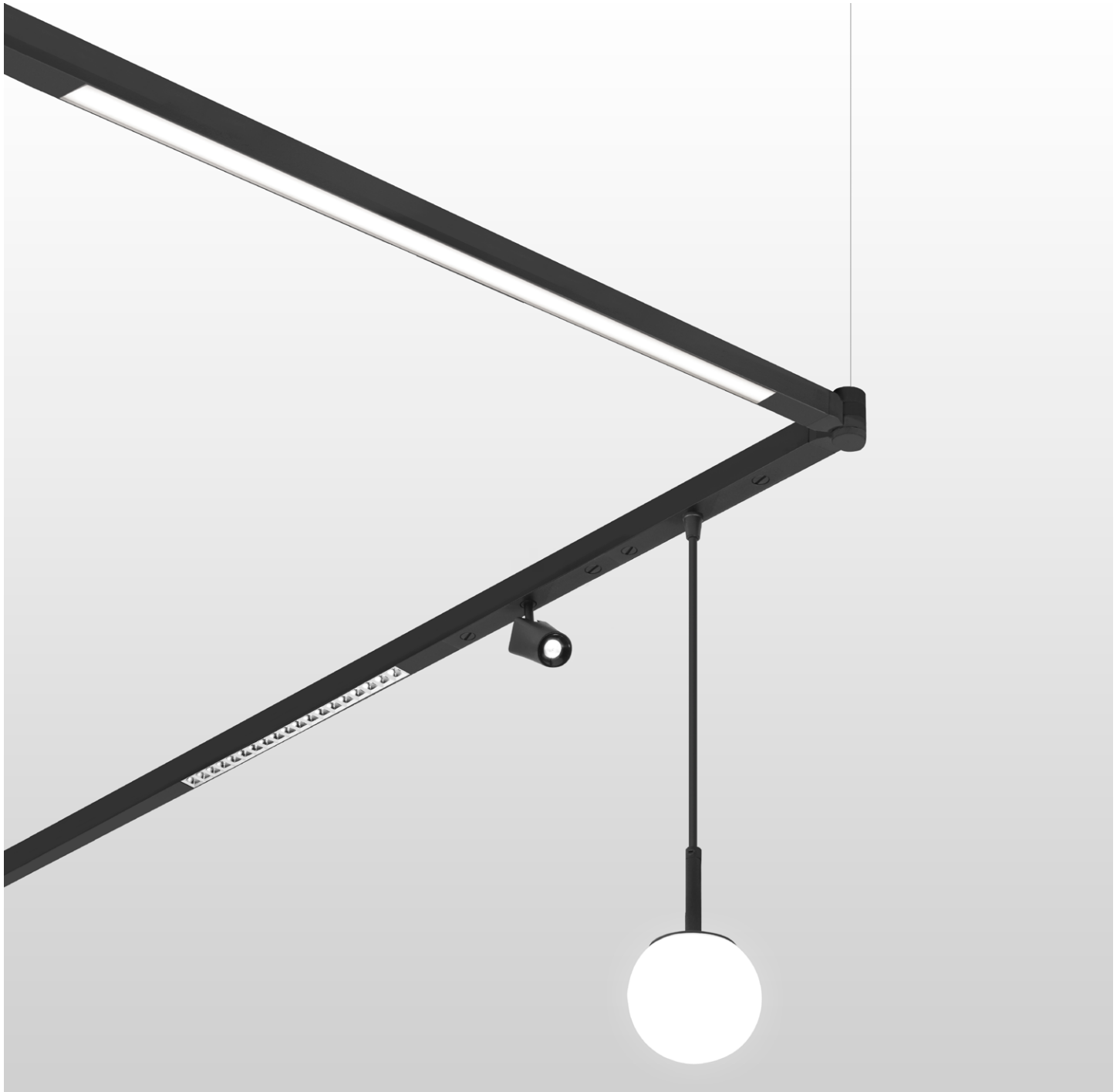
DIRECT/INDIRECT, DIRECT

 **Lumenwerx**



DESCRIPTION

The Mini Pivot Pendant Track is low voltage and accommodates the Mini Pivot Track Modules. It possesses infinite run capabilities in segments of up to 8' with smooth transitions at the joint. It can host fixtures in both direct and indirect positions and branch out to create a multitude of shapes, patterns, and effects for various architectural applications.



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Project: _____

Type: _____

Track

Example: MIPIVP-D-CR-9FT6IN(1X6FT-1X3FT6IN)-NA-120V-DA-ACS-1C-FTMB

A drawing of your pattern is required - anything from a line drawing to an architectural drawing. You can also use the grid on page 4 to sketch your layout.

LUMINAIRE ID	DISTRIBUTION	TRACK TYPE	LUMINAIRE LENGTH ⁴	LINX ⁵
MIPIVP				
MIPIVP - Mini Pivot Pendant	DI ¹ - Direct/Indirect D - Direct ¹ Indirect side is a track that can house modules.	CR ² - Continuous run PAT ³ - Pattern ² A straight linear shape with no Linx. Two end caps are provided. ³ A shape or pattern containing at least 1 Linx. End caps are provided as required based on your drawing.	##FT##IN (#X#FT#IN-#X#FT#IN-...) - ##FT##IN : total nominal length of continuous run or pattern in feet and/or inches (3' or longer) #X : quantity of each section #FT#IN : nominal length of each section in feet and/or inches, specify between 3' and 8' ⁴ Consult the Maximum Track Wattage table on page 3 to determine the maximum load allowed per section.	#LNH2 - 2-way horizontal Linx #LNH3 - 3-way horizontal Linx #LNH4 - 4-way horizontal Linx NA - None ⁵ Specify quantity (#) for each required Linx.

VOLTAGE	DIMMING	MOUNTING	ELECTRICAL	FINISH
120V - 120V 277V - 277V UNV - 120V-277V	REMOTE RND - Non-dimming RD1 - 1% 0-10V RDA ⁶ - DALI ⁶ On-site commissioning is required.	ACS ⁷ - Aircraft cable, standard ACC() ⁸ - Aircraft cable, custom ⁷ Standard canopies and power cord are black for black fixtures, and white for all other finishes. Ø 5" for power canopy, Ø 2" for non-power. Aircraft cable length is 36". ⁸ To specify a custom mounting, please refer to the mounting code below to see all available options.	1C - 1 circuit 2C ⁹ - 2 circuits ⁹ Available for Direct/Indirect only. Separate direct and indirect circuits.	FTMB - Matte black FTMW - Matte white CF# ¹⁰ - Custom finish, specify RAL# ¹⁰ A black track is provided when a custom finish is selected for the housing.

Custom Pendant Mounting Code

For a custom mounting, specify the options in the parentheses.

Example: ACC(2NPC-72IN-W-PCB-NA)

MOUNTING - AIRCRAFT CABLE, CUSTOM					
ACC()					
	NON-POWER CANOPY SIZE	AIRCRAFT CABLE LENGTH	CANOPY FINISH	POWER CORD COLOR	OPTION
ACC	2NPC - Ø 2" non-power canopy 5NPC - Ø 5" non-power canopy	36IN - 36" 72IN - 72" 120IN - 120" #IN ¹ - Other lengths, specify in inches ¹ Maximum length is 288". For longer lengths, please consult factory.	W - Matte white AL - Aluminum B - Matte black CF# - Custom finish, specify RAL#	PCW - White PCB - Black	SEM ² - Seismic mounting SLC ² - Sloped ceiling for aircraft cable NA - None ² Not available with the Ø 2" non-power canopy size.

CURRENT LIMITER

The Mini Pivot Track system is based on a low-voltage (48 VDC) design where the AC/DC conversion may be in the track like a module (INTEGRAL) or outside the track (REMOTE). In both cases, the AC/DC 48V power supplies that power each track section are inherently limited to specific wattages intended to provide at least 8 W/ft. Accordingly, if a track section is overloaded with modules, the system will not be able to draw more wattage than the rating of the 48V AC/DC power supply. In situations where the wattage of the modules installed in a given track section exceeds the rated wattage of the corresponding AC/DC 48V power supply, flashing will typically occur to indicate an overload event.

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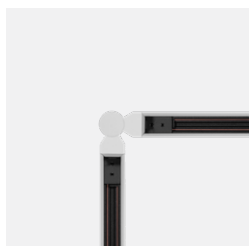
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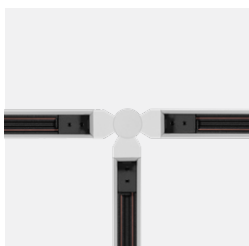
Track Details

Use the grid on page 4 to sketch and label the layout of your Mini Pivot Track.

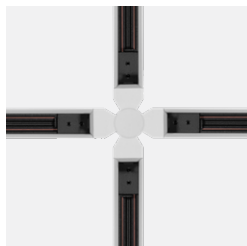
- Build your continuous run or pattern using track sections of 3' to 8'.
- The total wattage of all the modules installed in a track section must not exceed the maximum track wattage per section length (see table). Consult the Mini Pivot Module spec sheet for the wattages of each module.
- Minimum angle for the rotation of the Linx is 60°.
- Track length is not field adjustable.



LNH2 - 2-way horizontal Linx



LNH3 - 3-way horizontal Linx



LNH4 - 4-way horizontal Linx

Maximum Track Wattage *

at 3500K at 80+ CRI

! Do not exceed the maximum
wattage allowed per section of track.

LENGTH	WATTAGE
3'	24 W
4'	32 W
5'	40 W
6'	48 W
7'	56 W
8'	64 W

* To determine the maximum wattage allowed per section of track, multiply the length of your section by 8 W/ft.

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The diagram shows a rectangular room layout. The left wall is labeled '4FT'. The bottom wall is labeled '4FT'. In the center of the room, there is a box labeled '4FT' followed by 'x 7'. On the right side, there are two boxes labeled 'LNH2' and 'LNH3' stacked vertically. Lines connect these boxes to the right wall and the bottom wall.

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- This image shows a full page of blank graph paper. The background is a very light gray, and it is covered by a precise grid of thin, medium-gray lines. The grid consists of small, identical squares that extend across the entire visible area of the page, providing a standard template for technical drawing or mathematics.

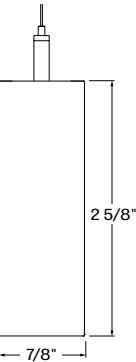
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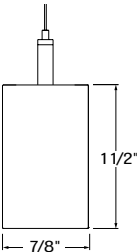
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Dimensions

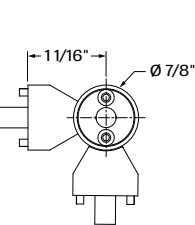
DIRECT/INDIRECT



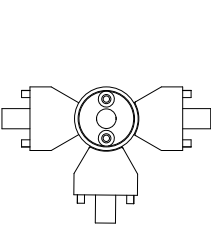
DIRECT



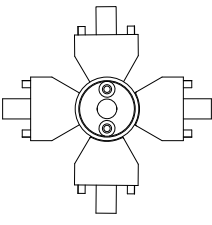
LINX



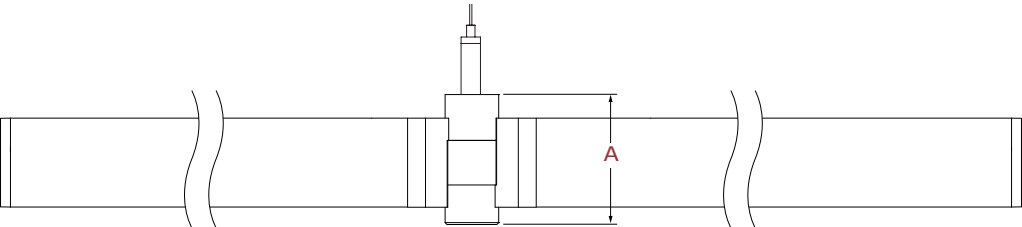
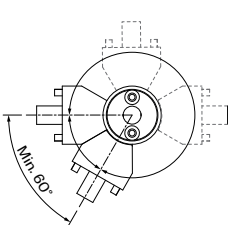
LNH2 - 2-way horizontal Linx



LNH3 - 3-way horizontal Linx



LNH4 - 4-way horizontal Linx



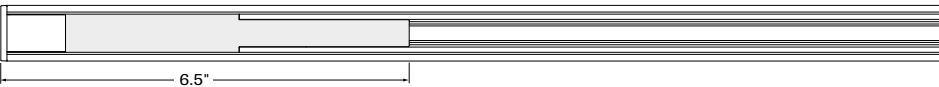
MPIVP - Mini Pivot Pendant - shown with 2-way horizontal Linx

A LINX HEIGHT	
DIRECT/INDIRECT	2 5/8"
DIRECT	2 1/8"

END FEED

Modules cannot be inserted into the portion of the track where there is an end feed and/or remote driver. An end feed will be installed at every feed location.

Remote driver



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Technical Specifications

LUMINAIRE LENGTH

Mini Pivot Track is available as either as a continuous run (straight linear shape with no Linx) or as a pattern (shape or pattern containing at least 1 Linx). It is built using track sections of 3' to 8'. The total nominal length must be specified in the product code, as well as the quantity and nominal length of each section. Lengths can be ordered in 1' and/or 1" increments. The track length is not field adjustable.

All individual sections are joined together onsite using the joiner kits provided. Lumenwerx offers joiner kits that are extremely simple to work with in the field.

ELECTRICAL

The Mini Pivot Track is powered by a remote-mounted 48 VDC, Class 2, SELV power supply with universal (120-277 VAC) input. Rated lifetime of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency > 90%, PF > 0.9, THD < 20%. Logarithmic dimming curve is provided for DA and DI driver options.

MOUNTING

Pendant fixtures can be mounted with aircraft cable. See page 2 for details.

FINISH

Matte white and black. Custom colors also available (provide RAL #).

CONSTRUCTION

Track housing: Extruded aluminum

Joining system: Die-cast zinc

End caps: Die-cast aluminum

Hanger: Chromed griplock securely attached in end caps and/or joiners with stainless steel hardware

Aircraft cable suspension: Stainless steel aircraft cable 1mm thick

WEIGHT

Direct/Indirect	Direct
4': 3.53 lbs - 1.6 kg	4': 2.43 lbs - 1.1 kg
8': 7.05 lbs - 3.2 kg	8': 4.85 lbs - 2.2 kg
12': 10.6 lbs - 4.8 kg	12': 7.28 lbs - 3.3 kg

CERTIFICATION

ETL: Rated for indoor dry locations. Conforms to UL Standard 1574 and certified to CAN/CSA Standard C22.2 No. 250.0.

WARRANTY

Lumenwerx provides a five-year limited warranty on electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.