

MINI PIVOT LINEAR

SURFACE
DIRECT



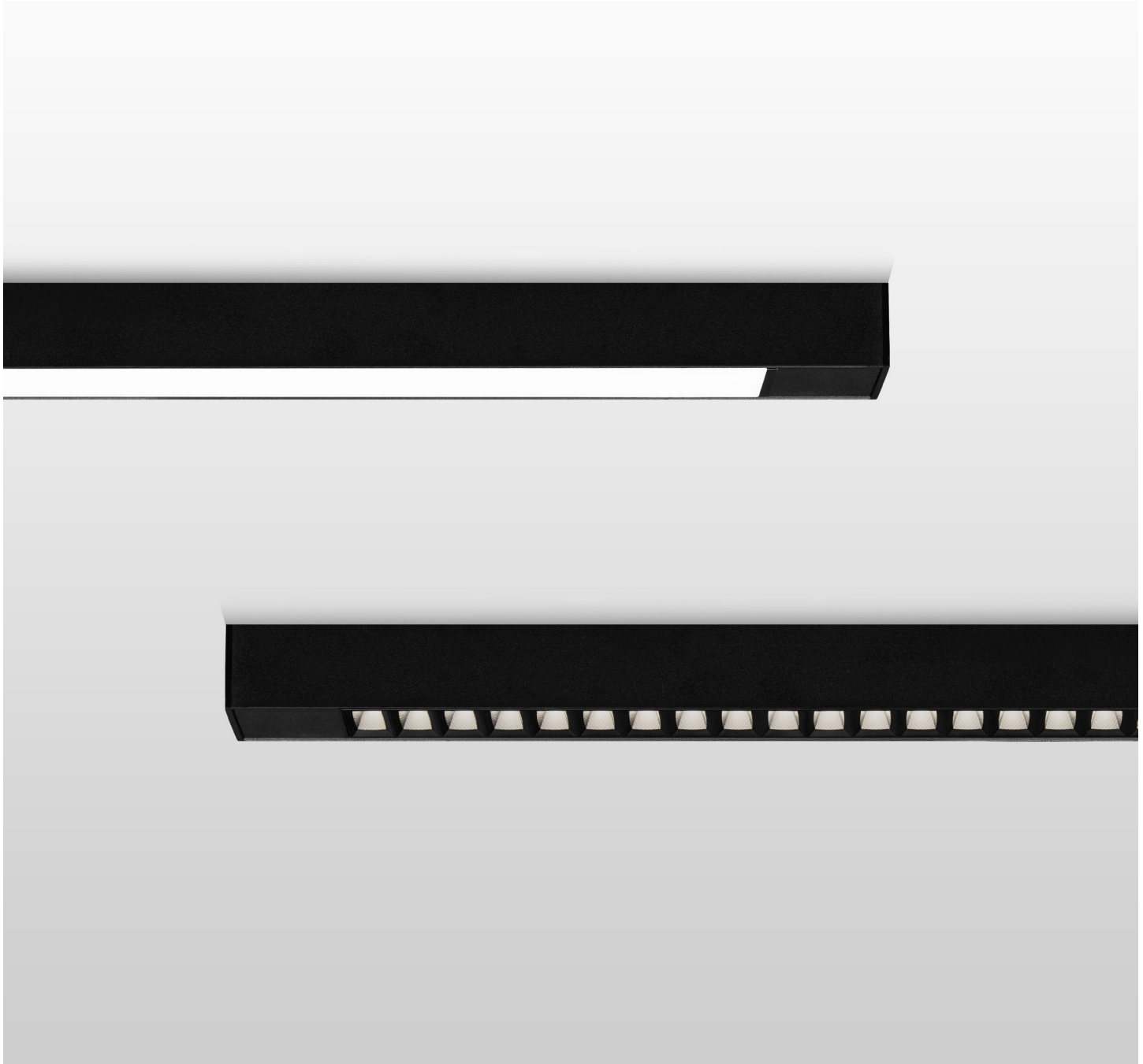
Project: _____

Type: _____



DESCRIPTION

With the same crisp and clean aesthetic as its Mini Pivot Track counterpart, Mini Pivot Linear fixtures are track-free lighting units that can be used in conjunction with Mini Pivot Track modules in comprehensive lighting designs, or they can serve as lighting solutions on their own for applications requiring uniform and consistent lighting effects throughout a space. Recessed, surface, or pendant mounted, Mini Pivot Linear delivers direct light distribution with HLO or DPO lensing options.



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Order Guide

Example: MIPIVLINS-D-HLO-2FT-BLA-1FT-SW-80CRI-300LMF-27K-3FT-120V-RD1-1C-DRC-FTMB

A drawing of your combination is required - anything from a line drawing to an architectural drawing. You can also use the grid on page 3 to sketch your layout.

LUMINAIRE ID	DISTRIBUTION	OPTICS ¹ Specify the total length for each required optic.	LIGHT SOURCE		CRI
MIPIVLINS	D				
MIPIVLINS - Mini Pivot Linear Surface	D - Direct	PDPO ² - Precision Specular Diamond Prism Optic FT IN BDPO ² - Matte Black Diamond Prism Optic FT IN GDPO ² - Graphite Diamond Prism Optic FT IN HLO ³ - High-Efficiency Lambertian Optic FT IN BLA - Blank FT IN	SW - Static white FS - Full spectrum		80CRI ⁴ - 80 CRI 90CRI ⁴ - 90 CRI 95CRI ⁵ - 95 CRI ⁴ Not available with full spectrum. ⁵ Available with full spectrum only.
¹ Specify Prism optics in 7" increments for 10 cell louvers, HLO in 4" increments, Blank in 1" increments. ² Minimum optic length is 21". ³ Minimum optic length is 24".					

LUMEN PACKAGE				COLOR TEMP.	TOTAL LUMINAIRE LENGTH	VOLTAGE	DRIVER ⁸
	Low	Medium	High	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	#FT#IN ⁶ - Specify the total nominal length (#) in 1' and/or 1" increments Standard nominal lengths: Single units - 2' to 12' Continuous runs: lengths over 12' ⁶ Total luminaire length should equal the sum of all the direct optic lengths.	120V - 120V 277V - 277V UNV - 120V-277V 347V ⁷ - 347V ⁷ Available with RD1 driver only.	REMOTE RD1 - 1% 0-10V RDA ⁹ - DALI RLDE1 ⁹ - Lutron Hi-lume 1% Eco RELD1 - eldoLED 1% ECOdrive 0-10V RELD0 - eldoLED 0.1% SOLOdrive 0-10V ⁸ PoE (Power-over-Ethernet) compatible. Consult factory for details. ⁹ On-site commissioning is required.
PDPO	640LMF	940LMF	1450LMF				
BDPO	640LMF	940LMF	x				
GDPO	640LMF	940LMF	1280LMF				
HLO	300LMF	450LMF	600LMF				

ELECTRICAL	MOUNTING	FINISH ¹⁰
1C		
1C - 1 circuit	DRC - Drywall ceiling GRD - Grid ceiling	FTMB - Textured matte black FTMW - Textured matte white CF# - Custom finish, specify RAL# ¹⁰ Blank finish will match fixture finish.

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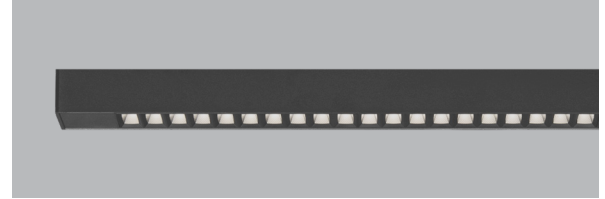
Type: _____

Mini Pivot Linear Layout

Use the grid below to sketch and label the layout of your combination.

Make sure to follow the guidelines specified in the order code:

- Prism optics in 7 inch increments;
HLO in 4 inch increments.
Blank in 1 inch increments.
- Single units - 2' to 12'
- Maximum length for a section is 12'.

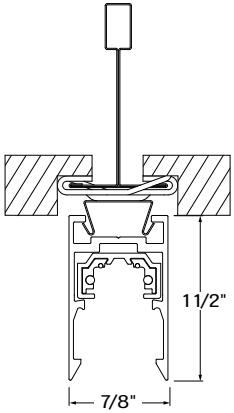


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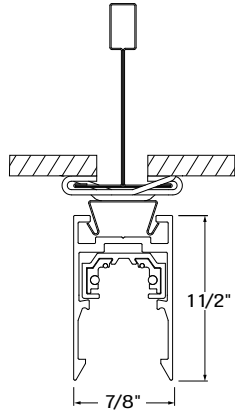


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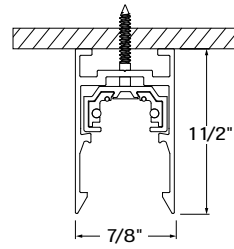
Dimensions



GRD - Grid ceiling with tegular

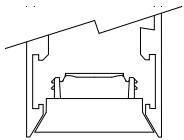


GRD - Grid ceiling with T-bar

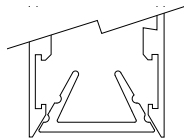


DRC - Drywall ceiling

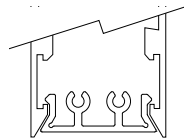
Section Views



PDPO, BDPO, GDPO



HLO



BLA

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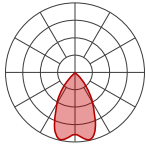
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Photometrics

PDPO/BDPO/GDPO values calculated based on four 7in sections at 35K and 90 CRI.

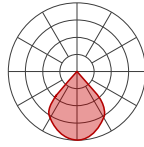
HLO values calculated based on a 4ft fixture at 35K and 80 CRI.

PDPO



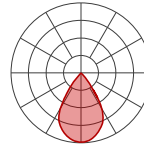
LM/FT	W/FT	LPW
640	5.6	115
940	8.4	112
1450	14.6	99

BDPO



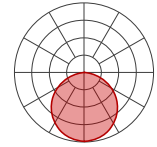
LM/FT	W/FT	LPW
640	11.5	56
940	18.3	51

GDPO



LM/FT	W/FT	LPW
640	8.3	77
940	11.9	79
1280	18.1	71

HLO



LM/FT	W/FT	LPW
300	3.8	79
450	5.7	78
600	7.8	77

MULTIPLIER TABLES - CCT/CRI

Use these tables to get results for different color temperatures and CRI for all photometric tables.

PDPO/BDPO/GDPO

CCT (K)	WATTS		LPW	
	CRI 80	CRI 90	CRI 80	CRI 90
2700	0.93	1.06	1.08	0.94
3000	0.89	1.03	1.12	0.98
3500	0.89	1.00	1.12	1.00
4000	0.88	0.98	1.13	1.02

HLO

CCT (K)	WATTS		LPW	
	CRI 80	CRI 90	CRI 80	CRI 90
2700	1.04	1.23	0.96	0.81
3000	1.01	1.20	0.99	0.83
3500	1.00	1.18	1.00	0.85
4000	0.97	1.14	1.03	0.87

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Technical Specifications

OPTICS

Diamond Prism Optic (DPO)

The Diamond Prism Optic™ (DPO™) is our patent-pending 3-tiered optic meticulously crafted to refract and reflect beams with great precision, effectively keeping glare to a minimum while delivering light of exceptional quality and visual comfort.



High-Efficiency Lambertian Optic (HLO)

Shielding of diffusing 0.075" thick acrylic provides up to 88% transmission and good obscuration. Matte white reflectors distribute LED output across the shielding. Luminaire brightness is controlled by the ratio of luminous flux to shielding area.



Blank (BLA)

Aluminum Blank covers provide spacing – functional or rhythmic – in the direct component of a Mini Pivot Linear luminaire. Covers finished to match the luminaire housing, and snap into the aperture.



LIGHT SOURCE - STATIC WHITE

Custom linear array of high-flux LEDs mounted onto aluminum-backed circuitry with quick-connect wiring to facilitate service and optimize thermal management. Available in 2700K, 3000K, 3500K and 4000K with a minimum 80 CRI and an option for 90 CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

LUMINAIRE LENGTH

Mini Pivot Linear is made up of standard sections (up to 12 feet) that may be joined together to create longer continuous run lengths. Exact run lengths must be noted in the product code.

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

Factory-set, adjustable output current LED driver with universal (120-277VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency > 84%, PF > 0.9, THD < 20%. Other specifiable options include Lutron Hi-Lume 1% Eco, eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

PoE

Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, Duo (tunable white), emergency battery backup, and sensor integration. These must be addressed and evaluated on a case-by-case basis.

MOUNTING OPTIONS

Fixtures can be mounted directly to drywall or grid ceiling, hardware supplied by others.

FINISH

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

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CONSTRUCTION

Housing - Extruded aluminum, up to 90% recycled content

HLO lens - Acrylic

Louvers - Polycarbonate

Joining system - Die cast zinc

End caps - Die cast aluminum

WEIGHT

4ft - 2.2 lbs - 1.0 kg

8ft - 4.41 lbs - 2.0 kg

12ft - 6.8 lbs - 3.1 kg

CERTIFICATION

ETL - Rated for Indoor Dry/Damp locations. Conforms to UL Standard 1598 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.