

PENDO

Suspended Micro Luminaire System

.hess

DESCRIPTION

The Pendo Micro Luminaire System is a first-of-its-kind suspended luminaire system which provides a premium solution to increasingly popular design trends. Luminaires are durable machined and spun aluminum securely mounted to stainless steel aircraft cable. High-performance LED design language is a key feature, producing true Type V IESNA optical distribution with optional zero-uplight models producing Types II through V distributions. Power is supplied by a remote-mounted 24vdc constant voltage power supply, delivering 8.4 watts per luminaire, with a maximum of 11 units per run. Patch cables are included for simple and water-resistant end-to-end electrical connections. Recommended spacing is 6' from ends and no more than 6' apart for optimal light coverage. Perfect for accent lighting in courtyards or other communal spaces, the Micro Luminaire System delivers performance and efficiency in a sleek, architecturally pleasing design.



ORDERING INFORMATION

STEP ONE: LUMINAIRE							
MODEL	OUTPUT	CCT	CONTROL	INPUT VOLTAGE	OPTIC	FINISH	OPTION
PEN-MICROX Pendo Micro Luminaire	SO Standard Output 6 Watts	27K 2700K	DIM 0-10v Dimming	24V 24 Volts	T5 Type V Distribution	BL Black	SLVB Self-Leveling Bracket
	HO High Output 8.4 Watts	30K 3000K				DB Dark Bronze	HSS House-Side Shield
		35K 3500K				DG Dark Grey	
		40K 4000K				GG Graphite Grey	
		A Amber (590-595nm)				SG Silver Grey	
						CC Custom RAL Color	

Recommended maximum total run length is 72' with 11 luminaires mounted 6' apart and 6' from ends.

Custom options are available; consult factory for assistance via phone at (864) 487-3535 ext. 258 or via email at DesignServices@EXP-Brands.com.

STEP TWO: LEAD POWER CABLE

MODEL	LENGTH
MICROX-PWR-LEAD Power Lead Cable for Micro Luminaires	XX Specify Desired Length in Feet

STEP THREE: PATCH CABLE

MODEL	LENGTH
MICROX-PWR-PATCH Patch Cable for Micro Luminaires; Transfers Power from One Luminaire to the Next	XX Specify Desired Length in Feet

Ordering Information is continued on next page.

EXPERIENCE
BRANDS

www.HessAmerica.com
For other Experience® Brands companies, please visit www.ExperienceBrandsUSA.com.

In a continuing effort to offer the best product possible, we reserve the right to change, without notice, specifications or materials. Technical specification sheets that appear online are the most recent ones available. Consult the factory to verify current status of BAA/TAA/BABAA compliance.

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STEP FOUR: SUSPENSION CABLE

MODEL	LENGTH
MICROX-SUSP Stainless Steel Suspension Cable for Micro Luminaires	XX Specify Desired Length in Feet up to 72'

STEP FIVE: SUSPENSION CABLE MOUNTING BRACKET

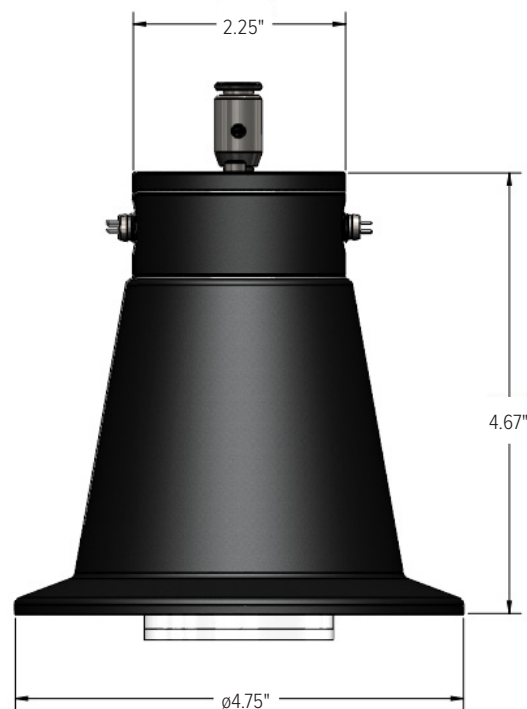
MODEL
MICROX-BRKT-1 Mounting Bracket for Micro Luminaires; Holds 1 Suspension Cable
MICROX-BRKT-5 Mounting Bracket for Micro Luminaires; Holds up to 5 Suspension Cables
MICROX-BRKT-LUMAGLIDE Mounting Bracket for Micro Luminaires; Holds up to 5 Suspension Cables; Mounts to Hess Lumaglide Pole
MICROX-BRKT-EYE Mounting Bracket for Micro Luminaires; Eyelet Bracket (End Mount)

STEP SIX: REMOTE POWER SUPPLY

MODEL
RMTPS-UNV-100-24-D 100 Watt Remote Power Supply, 24V Constant Voltage Driver with Enclosure, 120 & 277VAC, for up to 11 Luminaires
RMTPS-UNV-60-24-D 60 Watt Remote Power Supply, 24V Constant Voltage Driver with Enclosure, 120 & 277VAC, for up to 9 Standard Output or 7 High Output Luminaires

DIMENSIONS

All dimensions are shown in inches unless otherwise noted.



SPECIFICATIONS

HOUSING

Luminaire housing is machined and spun aluminum. Integral stainless steel mounting plate houses semi-recessed LED, electrical enclosure, lens, and shade. Mounting plate seals components using silicone gasketing material for an IP65 rated weathertight seal. All hardware is stainless steel.

MOUNTING

Luminaires are suspended via 1/8" 7x7 stainless steel aircraft cable span wires with ball ends. Luminaires hang from span wire via stainless steel hanging brackets located at the top of each luminaire. Hanging brackets hook luminaire to the span wire and are tightened, allowing individual luminaires to be removed and adjusted along the run as necessary. Span wire attaches to anchor point on each end which secures the system to poles, columns, or walls. Anchor points may accommodate up to 4 separate runs. See Page 3 for available anchor points; custom anchor points are available on request.

Span wire must be taut and shall not be bent or creased when mounting to pole or other structure. Recommended spacing is 6' from ends with a minimum distance of 3' between luminaires. Maximum recommended luminaires per run is 11.

OPTICS

Self contained LED module with cylindrical satinized acrylic lens is positioned within the luminaire shade, producing a Type V IESNA optical distribution. CRI is 80.

ELECTRICAL

Two constant voltage (24vdc) remote power supplies with enclosure are available: a 100-watt model, powering up to 11 luminaires, and a 60-watt model, which powers up to 9 standard output or 7 high output luminaires. A threaded female M8 3-pin connector is wired to the power supply and is mounted at the anchor point site. Patch cables supply power to luminaires along a run using one male and one female threaded connector featured on each luminaire. Luminaires feature a separate 12v DC to DC UL rated driver mounted within electrical enclosure beneath the LED to deliver constant current for increased LED longevity. Standard output power consumption is 6 watts. High output consumes 8.4 watts. Patch cables are available in 3 or 6-foot standard lengths or custom lengths on request. M8 threaded connectors are IP68 rated for a water-tight seal.

LED DELIVERED LUMENS / WATTS / BUG RATING

Standard Output

2700K - 462 Delivered Lumens / 6 Watts / B0-U1-G0
3000K - 497 Delivered Lumens / 6 Watts / B0-U1-G0
3500K - 497 Delivered Lumens / 6 Watts / B0-U1-G0
4000K - 527 Delivered Lumens / 6 Watts / B0-U1-G0

High Output

2700K - 647 Delivered Lumens / 8.4 Watts / B0-U1-G0
3000K - 695 Delivered Lumens / 8.4 Watts / B1-U1-G0
3500K - 695 Delivered Lumens / 8.4 Watts / B1-U1-G0
4000K - 738 Delivered Lumens / 8.4 Watts / B1-U1-G0

NOTE: Due to rapid and continuous advances in LED technology, LED luminaire data is subject to change without notice and at the discretion of HessAmerica. Consult factory for more current technical data.

FINISH

Luminaire is finished in finely textured matte silver grey metallic, dark grey, graphite grey, matte black, or dark bronze. A standard white finish is provided beneath the luminaire on the optical surround. Special colors available on request.

Hess standard textured finishes feature proprietary PRIMAR® protective coating for long-term corrosion and UV protection.

WEIGHT / EPA

~0.7 Pound; EPA 0.93ft²

CERTIFICATION

NRTL Certification Pending

INGRESS PROTECTION

IP65

WARRANTY

Limited product warranty period including LEDs is five years. Driver shall carry the manufacturer's limited warranty.

CUSTOMIZE YOUR EXPERIENCE.

At Experience Brands, we believe every space deserves unique lighting elements. We proudly specialize in crafting solutions that reflect your personal vision. Our expert team is here to collaborate with you to design and implement customized features that elevate your environment.

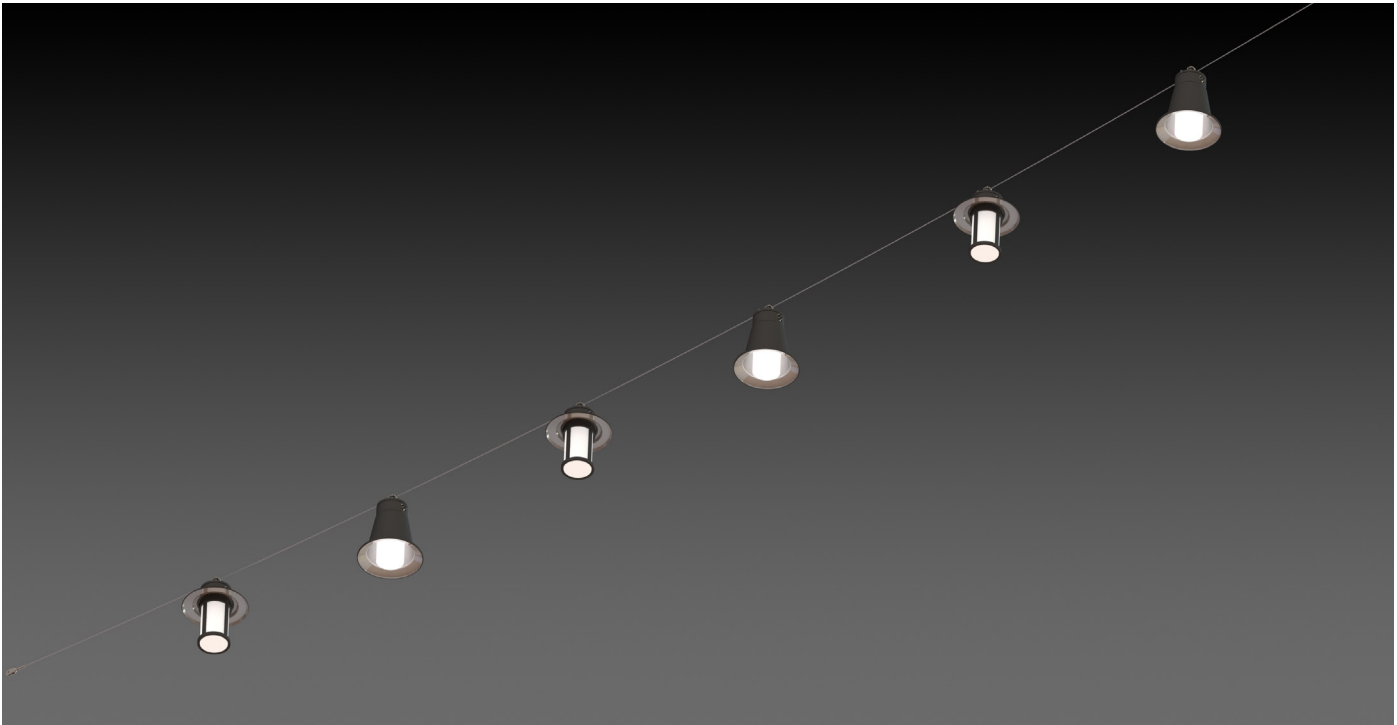
Ready to Get Started? Email us at: DesignServices@exp-brands.com

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IMAGES



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