

LINEA 800-450

Pole Mounted Luminaire

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DESCRIPTION

The LINEA series features distinctly linear design qualities and exceptional versatility. Perceptively capturing today's minimal design philosophy, the reduced form is sure to retain its validity far into the future. It is available in three mounting heights in single or twin mounting configurations. The pedestrian-scale model is 15 feet, with intermediate and larger sizes at 20 and 26 feet, respectively, giving proper scale for a variety of applications. Units for bi-level mounting are available, where the street-side luminaire is mounted high and a second fixture is mounted on the sidewalk side at a lower height for pedestrian illumination. An LED illuminating bollard for low-level pathway illumination complements the family of products. CSA Listed for Wet Locations.

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ORDERING INFORMATION

LUMINAIRE													
MODEL	LED MODULES (UPPER)	LED MODULES (LOWER)	CCT	CONTROL	VOLT	DISTRIBUTION (UPPER)	DISTRIBUTION (LOWER)	UPPER LUMINAIRE HEIGHT	LOWER LUMINAIRE HEIGHT	BASE COVER	MOUNTING KIT	FINISH	OPTION
LN800-450 Linea 800-450 Bi-Level Luminaire and Steel Pole	3	1	30K	DIM	UNV	T2	T2	26	15	BC	MK	BL	3PR
	3 Modules	1 Module	3000K	0-10v Dimming	120-277v	Type II	Type II	26'	15'	Base Cover	Mounting Kit (Anchor Bolts + Templates)	Black	3-Pin NEMA Photocontrol Receptacle
	4	2	40K			T3	T3	XX				DB	7PR
	4 Modules	2 Modules	4000K			Type III	Type III	Specify desired height in feet.				Dark Bronze	7-Pin NEMA Photocontrol Receptacle
						T4	T4					DG	GFCI
						Type IV	Type IV					Dark Grey	GFCI Receptacle
						T5	T5					GG	HSS
						Type V	Type V					Graphite Grey	House Side Shield
												SG	MS
												Silver Grey	Motion Sensor
												CC	TVSS20
												Custom RAL Color	20KV Surge Suppressor

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

BANNER ARM ACCESSORY						
MODEL ¹	STYLE	BANNER WIDTH	BANNER LENGTH	ORIENTATION ²	HEIGHT TO TOP OF BANNER	FINISH
BA-LN Linea Banner Arm Set	S	18	30	0	XX ³	BL
	Single Banner Arm Set	18 Inches	30 Inches	0°		Black
	D	24	48	90		DB
	Double Banner Arm Set	24 Inches	48 Inches	90°		Dark Bronze
			60	180		DG
			60 Inches	180°		Dark Grey
			72	270		GG
			72 Inches	270°		Graphite Grey
						SG
						Silver Grey
						CC
						Custom RAL Color

¹Set includes upper and lower breakaway banner arms.

²Orientation is relative to handhole position, which is located at 0°. See Plan View drawing on Page 5 for details.

³Specify, in inches, the desired height from the bottom of the pole to the top of the banner. Factory will determine mounting location of lower banner arm based on the banner length.

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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. ¹Consult the factory to verify current status of BAA/TAA/BABAA compliance.

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SPECIFICATIONS

HOUSING

Rectangular luminaire housing with integral fitter is extruded aluminum with no visible welds. Frameless tempered glass lens is hinged and secured in place with a single stainless steel quarter-turn fastener for tool-less access to the optical compartment. Lens seals to the housing with one-piece silicone gasketing when closed. Housing is fitted with stainless steel weather-tight strain relief bushing for the power cable exiting the rear of the housing. Luminaire mounts to tenon on pole with matching profile and secured with four socket head cap screws on top of the housing. All hardware is stainless steel.

OPTICS

Optics consist of 4 individual LED modules for the upper luminaire, and 2 individual LED modules for the lower luminaire. Each module consists of a field replaceable aluminum core PCB with four high-power LEDs and a single piece lens molded from optical quality acrylic. Light distributions include a choice of Type II, III, or IV optics. Luminaire emits zero uplight at 90 degrees horizontal and above and is suitable for use in all LEED lighting zones. CRI is 80+. Optional internal house side shield available on request.

LED DELIVERED LUMEN OUTPUT / BUG RATING

Upper Luminaire: 4 Modules - 144 Watts

3000K:

Type II: 13588 Lumens / B2-U0-G2

Type III: 12918 Lumens / B3-U0-G2

Type IV: 12156 Lumens / B2-U0-G2

Lower Luminaire: 2 Modules - 72 Watts

3000K:

Type II - 3000K: 6794 Lumens / B1-U0-G1

Type III - 3000K: 6459 Lumens / B2-U0-G1

Type IV - 3000K: 6078 Lumens / B1-U0-G1

4000K:

Type II: 14754 Lumens / B3-U0-G2

Type III: 14027 Lumens / B3-U0-G2

Type IV: 13199 Lumens / B2-U0-G2

4000K:

Type II - 4000K: 7377 Lumens / B2-U0-G1

Type III - 4000K: 7013 Lumens / B2-U0-G1

Type IV - 4000K: 6599 Lumens / B1-U0-G2

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.

ELECTRICAL

Electronic LED driver supplies 700mA drive current to LED modules with input voltage range from 120v through 277v at 50/60Hz. 0-10v DC dimming is standard.

LN800 LUMINAIRE WEIGHT: 26 Pounds

LN800 LUMINAIRE EPA: 1.6 sq. ft

LN450 LUMINAIRE WEIGHT: 22 Pounds

LN450 LUMINAIRE EPA: 1.3 sq. ft

POLE

Straight rectangular pole is 6.3" x 4.7" nominal and manufactured from cold drawn over mandrel, electric-weld, mechanical rectangular steel tubing with nominal wall thickness of 0.197". Sides of shaft are flat with 1/2" radius corners. Pole shall show no seam along shaft. Flush mounted hand hole cover is plasma cut with kerf not to exceed 1/8" and includes triangular tamper-resistant locking device. Pole is hot-dip galvanized with coating inside and out, then lightly sanded prior to painting. Nominal pole height is 26' with lower pedestrian luminaire mounted at 15'.

FINISH

Standard finishes are finely textured matte silver grey metallic, dark grey, graphite grey, matte black, or dark bronze. Special colors available on request.

CERTIFICATION

CSA Certified for Wet Locations

INGRESS PROTECTION

IP65

WARRANTY

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

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2/5

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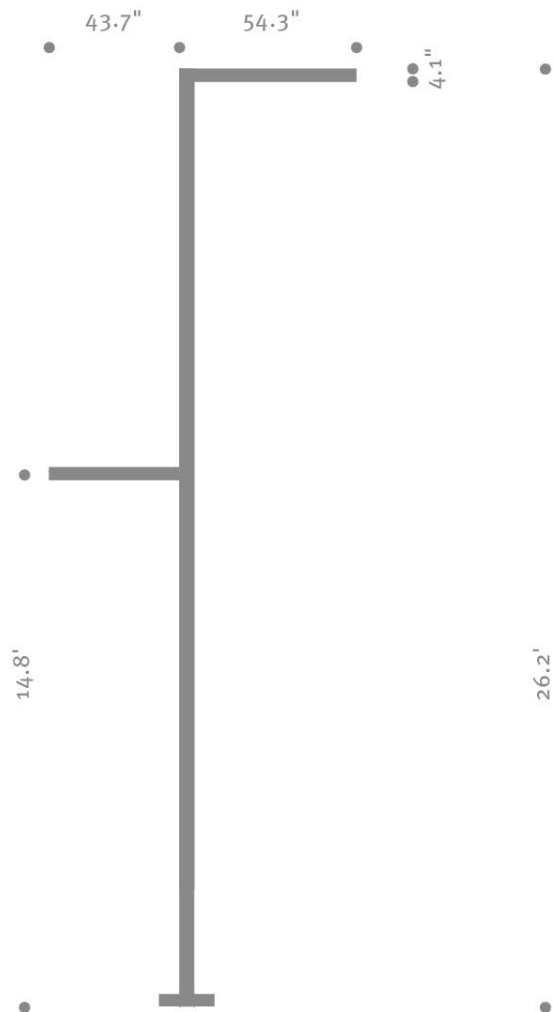
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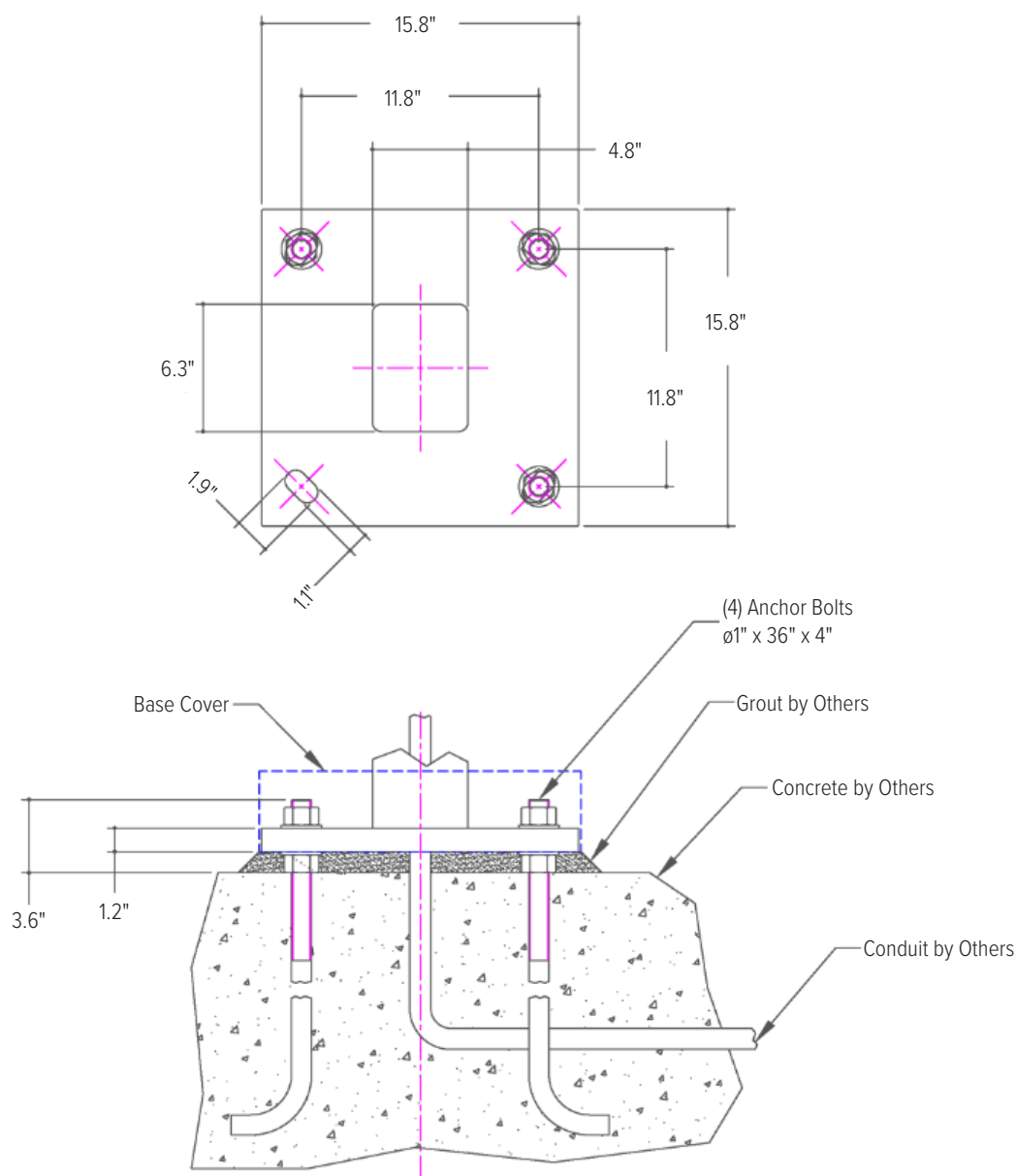
DIMENSIONS

All dimensions are shown in inches unless otherwise noted.



MOUNTING DETAILS

All dimensions are shown in inches unless otherwise noted.



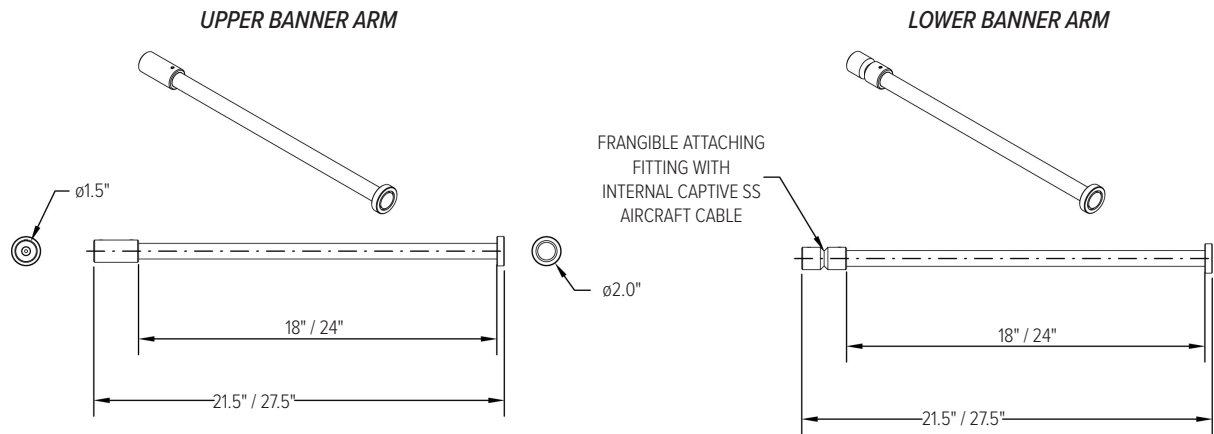
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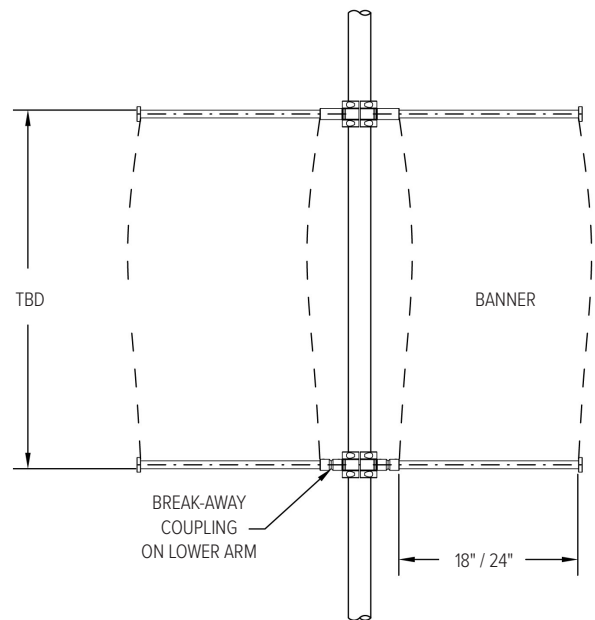
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BANNER ARM DETAILS

All dimensions are shown in inches unless otherwise noted.



NOTE: Frangible attachments for banner arms are designed to break at 60% to 70% of the rated load of the pole.



PLAN VIEW

For banner arm orientation reference.

