

Specification Sheet | LE300



Clean lines and the understated design of Leo fits a variety of site designs and architectural styles. Its 19"-diameter housing strikes an aesthetic balance for varying pole heights and spacing. Light engine options scale from 2,700lm to 8,100lm, with a selection of distribution types. Single or multiple luminaires can be mounted at different heights and orientations on a single pole, addressing needs of the environment whether pedestrian, vehicular or both.

LEO is Buy America Compliant and DarkSky Approved (3000K CCT or lower).

Housing & Materials

Cast Aluminum construction. Factory sealed and replaceable light engine cartridge with UV stable, impact modified clear or diffused acrylic lens. All hardware is magni-coated for optimum corrosion and 'anti-seize' protection. Assembly is IP66 rated.

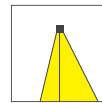
Electrical

Surge protected 120V - 277V 50/60Hz electronic driver located internal to luminaire arm, 0-10V dimmable. Optional pole mounted ANSI C136.41 twist lock receptacle and GFCI outlet (with 'in-use' cover) are available.

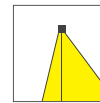
Light Engine

Leo features a replaceable LED cartridge with die-cast aluminum heatsink, high power LEDs on a RoHS compliant circuit board with secondary optics in Roadway distribution types. All configurations are available in 3000K, 3500K, and 4000K. >80CRI across all available color temperatures. Luminaires meet or exceed TM21 L70: >60,000 hrs.

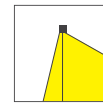
Distributions



TII



TIII



TIV

Warranty

Luminaires are warranted for six years.

Certification

UL Listed for Wet Location, CE, DarkSky Approved (3000K CCT or lower), RoHS Compliant



Designed by John Rizzi

[Click here](#) for patent information related to this product.

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Specification

Luminaire #1 _____

Luminaire #2 _____

If applicable

Pole and Bracket _____

May include arms, base covers, GFCI, NEMA7 socket, etc.

Luminaire and Clamp DarkSky Approved

Product	Distribution	Drive Current	Lens	Color Temp	Input Voltage	Mounting and Configuration	Photo Motion Sensor	Powdercoat
LE330 (30 LED)	T2 (Type II)	LO (Low Output)	CLR (Clear)	30K (3000K)	UV1 (120-277V, 50/60hz)	4A (Single Luminaire, 4" pole clamp) 4B (Back to back luminaires, 4" pole clamp) 5A (Single Luminaire, 5" pole clamp) 5B (Back to Back Luminaire, 5" pole clamp) 6A (Single Luminaire, 6" pole clamp) 6B (Back to back luminaires, 6" pole clamp)	NMS (No Motion Sensor) MS1 (With Motion Sensor)	See powdercoat color options on the Material / Colors Sheet.
LE350 (50 LED)	T3 (Type III)	HO (High Output)	FRS (Frosted)					
	T4 (Type IV)							

Example: LE330- T3 - LO - CLR - 30K - UV1 - 5A - MS1 - BLK

Luminaire and Clamp Additional Options

Product	Distribution	Drive Current	Lens	Color Temp	Input Voltage	Mounting and Configuration	Photo Motion Sensor	Powdercoat
Same options as above.				35K (3500K) 40K (4000K)	Same options as above.			

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Pole and Bracket

Product	Luminaire Config	Configuration	Twist Lock Receptacle	Base Cover	Powdercoat
LE (Standard)	12 (12' Lens Height)				
	16 (16' Lens Height)	A (Single/Back to back)	NTW (No Twist Lock)	BC (Base Cover)	See powdercoat color options on the Material / Colors Sheet.
	20 (20' Lens Height)	S* (Staggered)	TW1 (With Twist Lock)	NUT (Nut Covers)	
	25 (25' Lens Height)				

Example: LE-16-A-TW1-BC-BLK

*Staggered configurations only available with 20' and 25' lens height options

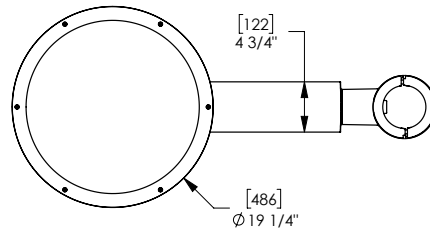
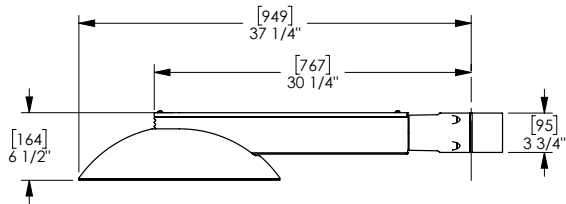
Pole Modifications

Part Number	Modification	Description
CAM	Camera	
SPE	Speaker	
WAP	WiFi Access Point	
BAN	Banner Arms	
VIB	Vibration Dampener	
CPH	Custom Pole Height	
CLH	Custom Lens Height	
CPC	Custom Powdercoat Color	
--	Other	

Modifications listed are the most common changes/additions requested. If your requirements aren't shown here, select 'other' and write in the modification needed. Please provide as much detail as possible to streamline the quoting process. All modifications to standard products will require evaluation and quoting approved by Landscape Forms prior to order placement.

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LE300 Series Luminaire Dimensions, weights and EPA's



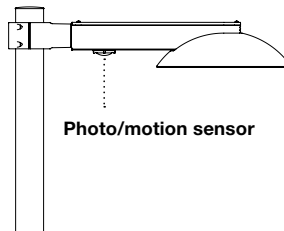
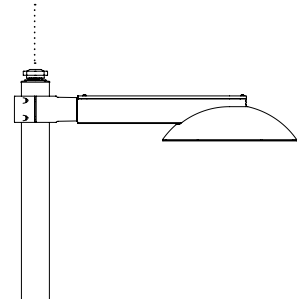
Weight: 40 lbs

EPA: 1.14 ft2

Control Options

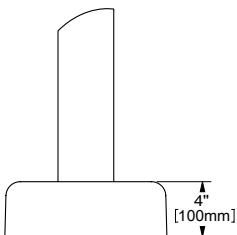
Photo/Motion Sensor

- Fully adjustable high and low dimmed light levels; optional to dawn control
- Rated for extreme temperatures and up to 200,000 on/off cycles
- Hold off setpoint with automatic calibration option for convenience and added energy savings
- Adjustable via handheld wireless configuration tool
- IP66 rated for wet and outdoor locations
- Adjustable time delay and cut off delay

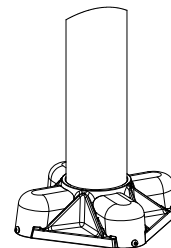
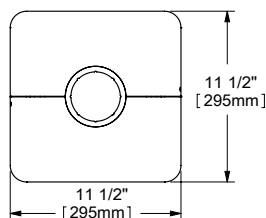
**Twist Lock Location**

[Click here](#) to view the technical data sheet for the photo/motion sensor.

Pole Accessories



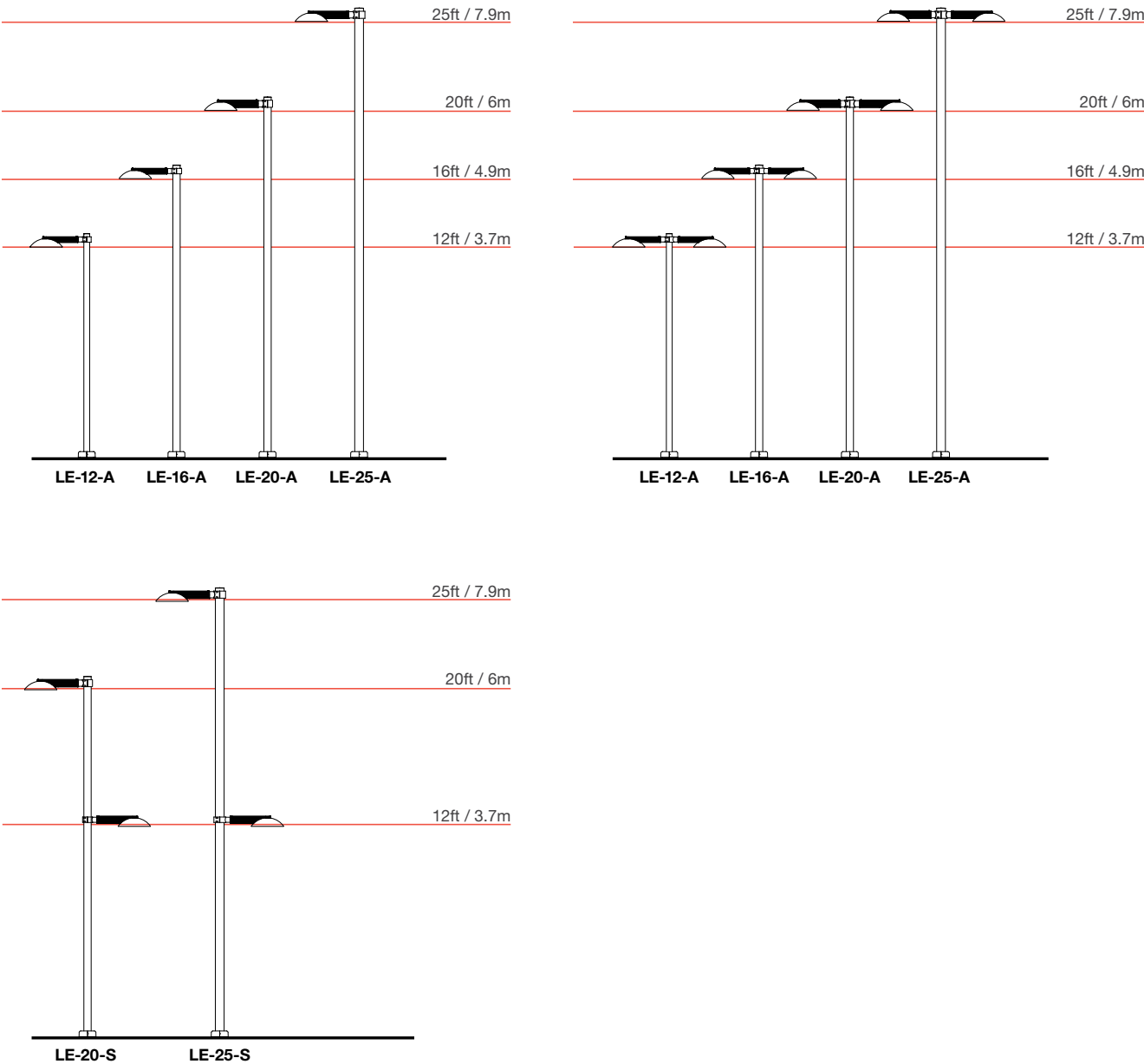
Base Cover Option



Nut Covers Option

Lens Height and Pole Configuration Selection Guide

Poles are manufactured from seamless aluminum alloy with a flush mounted hand hole cover. Poles are pre-drilled to suit the specified mounting conditions prior to powdercoating, and include flush top pole cap, configured to support installation of ANSI C136.41 twist-lock receptacle when specified. Pole base plate is cast aluminum and includes either a two-piece cast aluminum decorative base cover, or four cast aluminum nut covers. Mounting template and anchor hardware included. Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an “L” bend on one end and are galvanized a minimum of 12” on the threaded end.



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Luminaire Performance Data

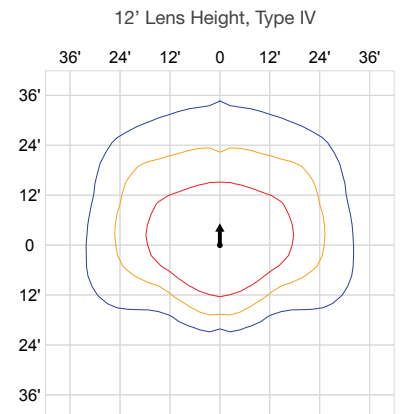
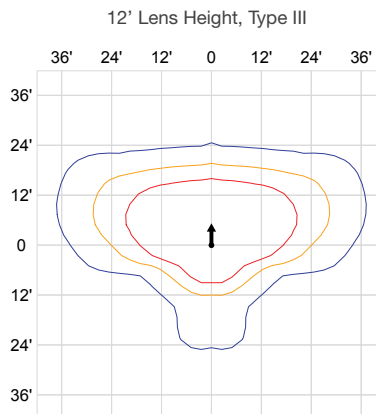
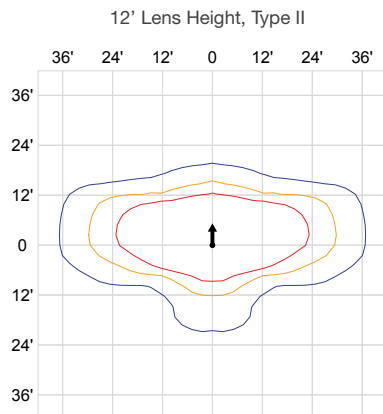
LED Quantity	Drive Current	Lens	Distribution Type	Lumen Output	Efficacy	Input Power (W)	BUG Rating
30	LO	Clear	T2	2929	122	24	B1-U0-G1
			T3	2819	117	24	B1-U0-G1
			T4	2787	116	24	B1-U0-G1
		Frosted	T2	2749	115	24	B1-U0-G1
			T3	2657	111	24	B1-U0-G1
			T4	2649	110	24	B1-U0-G1
	HO	Clear	T2	4245	115	37	B1-U0-G1
			T3	4085	110	37	B1-U0-G1
			T4	4039	109	37	B1-U0-G1
		Frosted	T2	3894	108	37	B1-U0-G1
			T3	3851	104	37	B1-U0-G1
			T4	3840	104	37	B1-U0-G1
50	LO	Clear	T2	6259	114	55	B2-U0-G2
			T3	6024	110	55	B1-U0-G1
			T4	5956	108	55	B2-U0-G2
		Frosted	T2	5875	107	55	B2-U0-G1
			T3	5678	103	55	B2-U0-G1
			T4	5662	103	55	B2-U0-G1
	HO	Clear	T2	8119	111	73	B2-U0-G2
			T3	7814	107	73	B2-U0-G2
			T4	7726	106	73	B2-U0-G2
		Frosted	T2	7621	104	73	B2-U0-G1
			T3	7366	101	73	B2-U0-G1
			T4	7345	101	73	B2-U0-G2

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300 Series - 30 LED LO CLR lens at 12'

Performance light engine @ 3000K

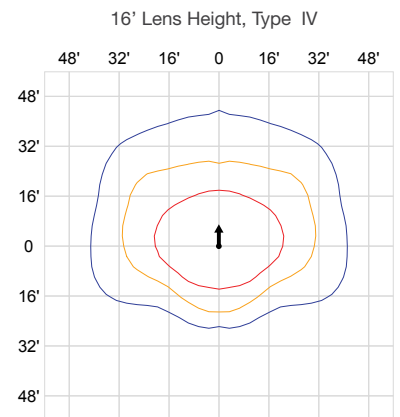
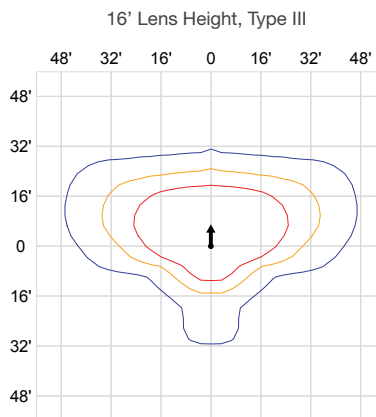
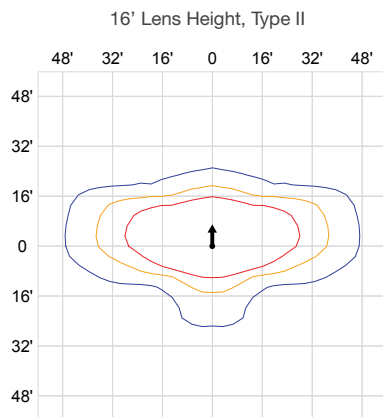
1.0fc 0.5fc 0.2fc



300 Series - 30 LED HO CLR lens at 16'

Performance light engine @ 3000K

1.0fc 0.5fc 0.2fc

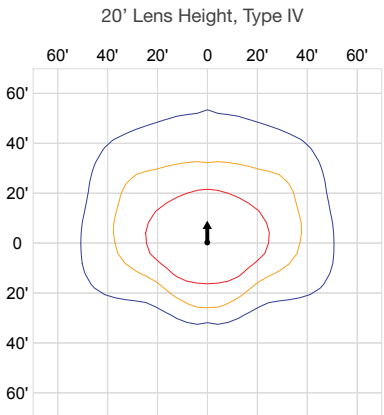
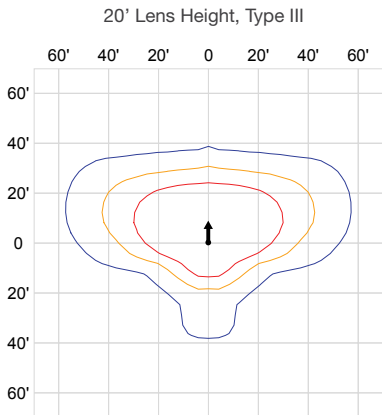
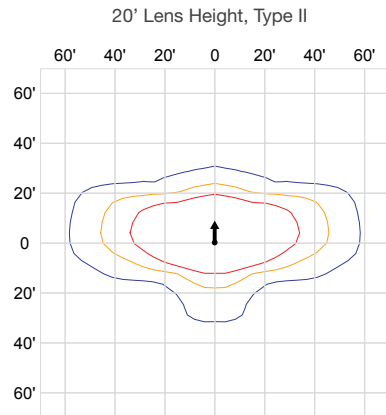


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300 Series - 50 LED LO CLR lens at 20'

Performance light engine @ 3000K

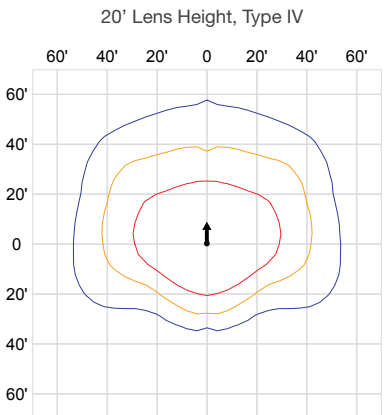
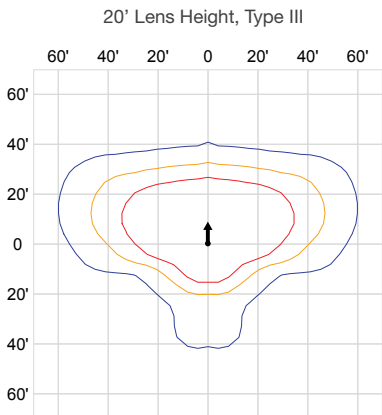
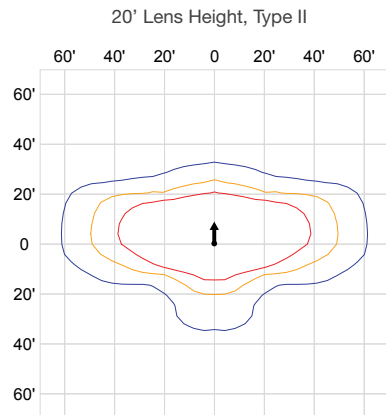
1.0fc 0.5fc 0.2fc



300 Series - 50 LED HO CLR lens at 20'

Performance light engine @ 3000K

1.0fc 0.5fc 0.2fc



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Architectural Series - Powdercoated Metal* (Fine Texture)



Neutral Series - Powdercoated Metal*



Vivid Series - Powdercoated Metal* (Fine Texture)



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Powdercoated Metal

Powdercoated Metal Pangard II® Polyester Powdercoat is a hard, yet flexible, finish that resists rusting, chipping, peeling and fading. In addition to colors shown, a wide selection of optional and custom colors may be specified for an upcharge.

* All colors and patterns shown are approximate and may vary from sample and final.

Visit landscapeforms.com for more information.

Specifications are subject to change without notice.

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