



Always the Right Choice!

DoradoXLP

Premium Outdoor LED Area/Site Luminaire



Key Features

- Easy installation by one person in the field.
- Slip fitter, pole mount, or trunnion mount options available.
- Type II, Type III, Type IV, or Type V distributions available.
- Lumen packages range from from 43,200 to 68,100 lumens.

Electrical

- 120-277V or 277-480V available.
- 0-10V dimming standard.
- 10KV surge protection standard.
- System power factor >90% and THD <20%.
- Operating temperature: -40°C to 45°C (-40°F to 113°F)

Mounting

- One-person installation brackets come with the luminaire when shipped.
- Slot design to avoid drilling extra holes.
- Slip fitter, pole mount, or trunnion mounting options available.

Construction

- Robust die-cast aluminum protects integral components from harsh environments and optimizes thermal management.
- Housing is protected by a corrosion resistant TGIC-polyester powder coat finish.
- Standard dark bronze finish. ²
- IP66 rated enclosure prevents intrusion from environmental elements that could degrade performance.

Optics

- Precision molded optics available in Type II, Type III, Type IV, or Type V distributions.
- Industry-leading LEDs with 3000K, 4000K, and 5000K CCT (minimum 70 CRI).
- Lumen Maintenance: >147,000 hours (L70) ¹

Warranty

- Backed by US LED's industry-leading Ten-Year warranty.

Project	Date
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Catalog Number	Type
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Product Performance Summary

Lumen Output	Up to 68,100 lumens
Efficacy	Up to 149 LPW
CRI	≥ 70 CRI
Available CCT	3000K, 4000K & 5000K
Warranty	Ten-Year Warranty

Product Overview

The DoradoXLP is the premium choice for retrofit and new construction opportunities needing exterior LED parking lot and area lighting. Offering an array of options, the DoradoXLP can accommodate any pole or area lighting requirement, including an assortment of light distributions, mounting methods and luminaire finishes. With high performance LEDs and drivers, the DoradoXLP will shine bright for years to come.

Product Applications

- Auto Dealerships
- Parking Lots
- Educational Facilities
- Business Campuses
- Recreational Areas
- Mall/Retail Areas
- Commercial Exteriors
- Industrial Facilities
- Security Areas
- Site Pathway Areas

Product Certifications/Approvals

- ETL Listed for US & Canada.
- Complies with UL1598 and CSA C22.2.
- DLC Premium Listed.
- Suitable for Wet Locations.
- IP66 Rated Enclosure.
- RoHS Compliant.



Example: QDXLP1-12-30-UNVL-1-2-N-Z1

Ordering Information

Series	Model	CCT	Input Voltage	Finish	Optics	Accessories	Mounting
32	320W	30 3000K	UNVL 120-277V	1 Bronze ²	2 Type 2	N No Sensor	Z1 Slip fitter Mount for 2 3/8" Round Tenon
40	400W	40 4000K	UNVH 277-480V	2 White ²	3 Type 3	D1 Photocell	Z2 Slip fitter Mount for 1 5/8" Round Tenon
50	500W	50 5000K			4 Type 4	D2 Motion Sensor ³	Z3 Pole Mount for Square Pole
					5 Type 5	D3 Photocell and Motion Sensor ³	Z4 Pole Mount for 4" Round Pole
							Z5 Trunnion

1. US LED product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.

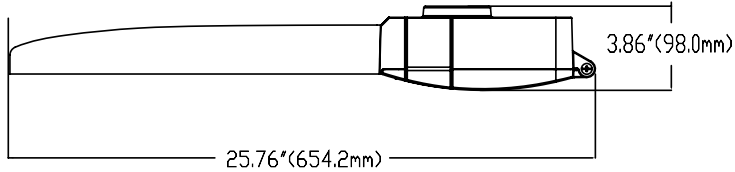
2. Custom colors available upon request.
3. Motion sensor only available for UNVL.

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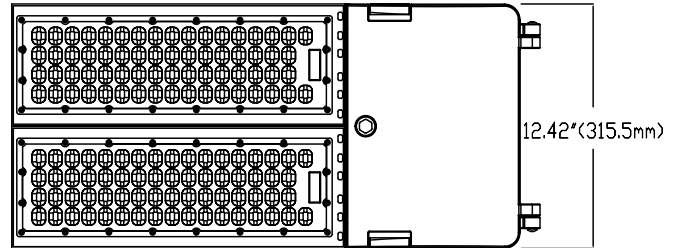
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Dimensions

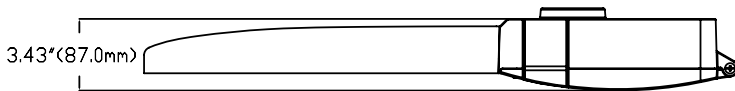
Model 320W (Side View)



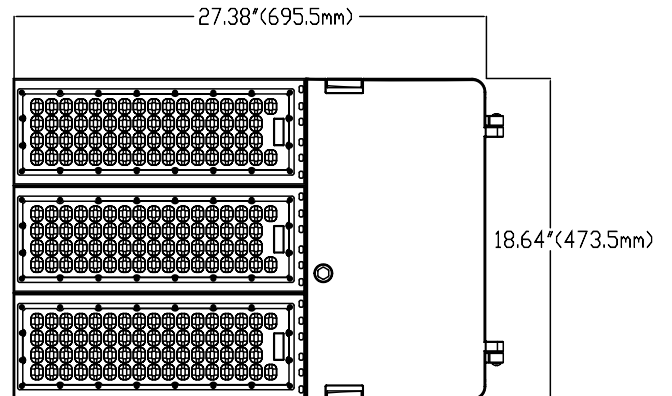
Model 320W (Bottom View)



Models 400W-500W (Side View)



Models 400W-500W (Bottom View)



Model	Net Weight	EPA Rating
320W	21.3 lbs. (9.6kg)	2.89
400W/500W	31.1 lbs. (14.1kg)	4.3

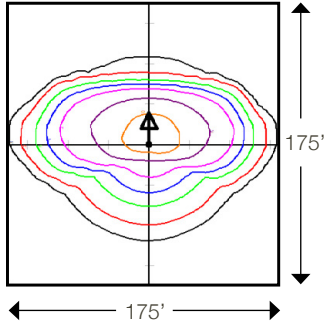
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Optical Distributions

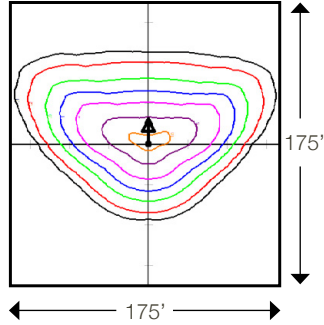
All photometric testing performed to IESNA LM-79 standards by a NVLAP® accredited testing facility. ISO footcandle plots below demonstrate the general distribution patterns based on a 25' mounting height. Please visit www.usled.com for complete specifications, IES files, and detailed photometric data.

Type II Distribution



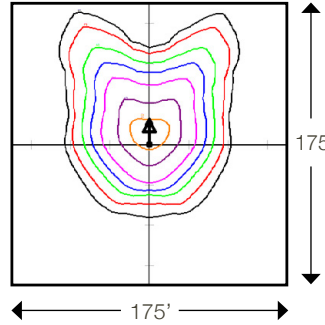
Type II distribution forms a wide, lateral asymmetric pattern commonly used in narrow roadways, car lot front rows, or walkway applications near the building.

Type III Distribution



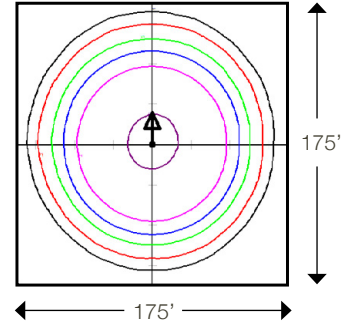
Type III distribution projects light more forward and equally on both sides in an asymmetric pattern. Most commonly used in parking areas, wider roadways, and other areas where a larger area of lighting is required.

Type IV Distribution



Type IV distribution maximizes a throw of light in a long, narrow pattern. Commonly used around building facades and parking lot perimeters, as well as sport applications such as basketball and tennis courts.

Type V Distribution



Type V distribution forms the symmetrical round pattern that allows the light to have the same intensity at all angles. Primarily used in parking lot interiors, crossroads, and roadway centers.

Performance Data

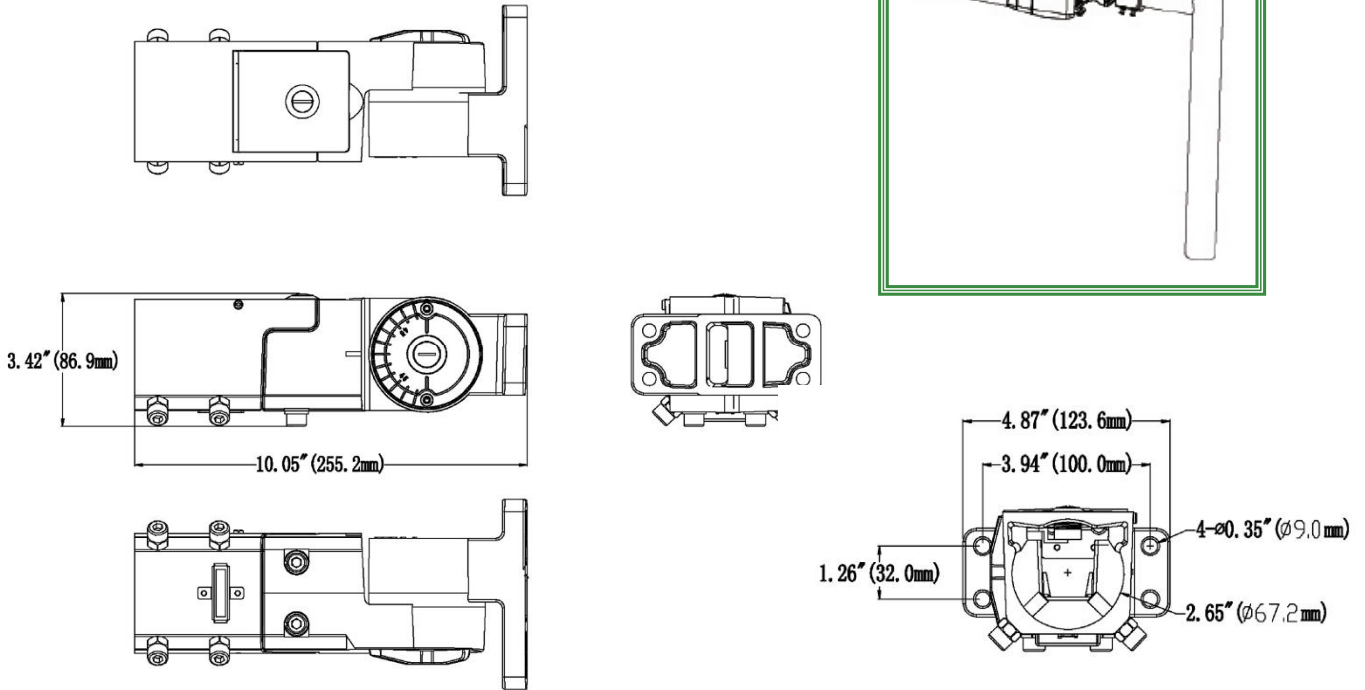
Model	CCT	System Level Power	Delivered Lumens	Efficacy	L70 Calculate Life	L85 Calculate Life
320W	3000K	307W	43,200	141 LPW	147,000 Hours	68,000 Hours
	4000K	307W	44,300	144 LPW	147,000 Hours	68,000 Hours
	5000K	307W	45,400	148 LPW	147,000 Hours	68,000 Hours
400W	3000K	375W	52,800	141 LPW	147,000 Hours	68,000 Hours
	4000K	375W	54,200	145 LPW	147,000 Hours	68,000 Hours
	5000K	375W	55,500	148 LPW	147,000 Hours	68,000 Hours
500W	3000K	458W	64,600	141 LPW	147,000 Hours	68,000 Hours
	4000K	458W	66,400	145 LPW	147,000 Hours	68,000 Hours
	5000K	458W	68,100	149 LPW	147,000 Hours	68,000 Hours

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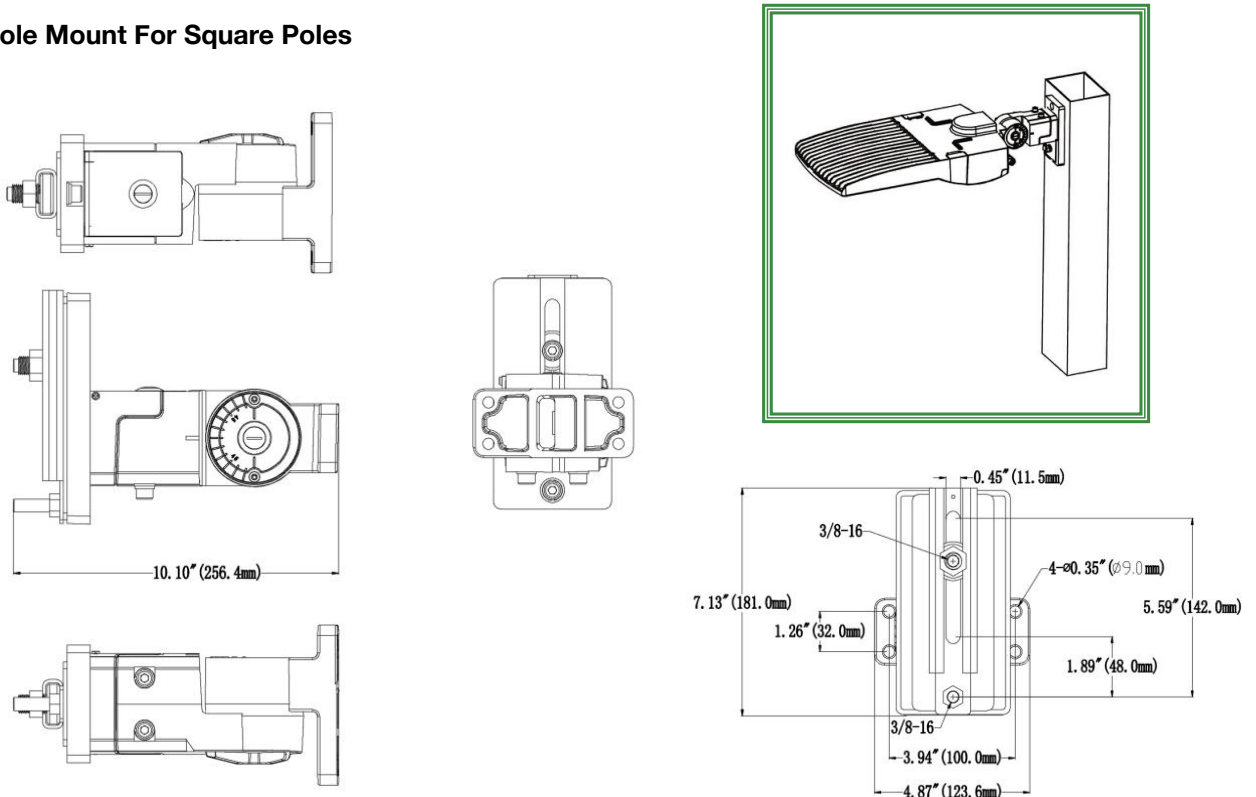
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Mounting

Z1 / Z2 Options - Slip fitter Mount For Round Tenons



Z3 Option - Pole Mount For Square Poles



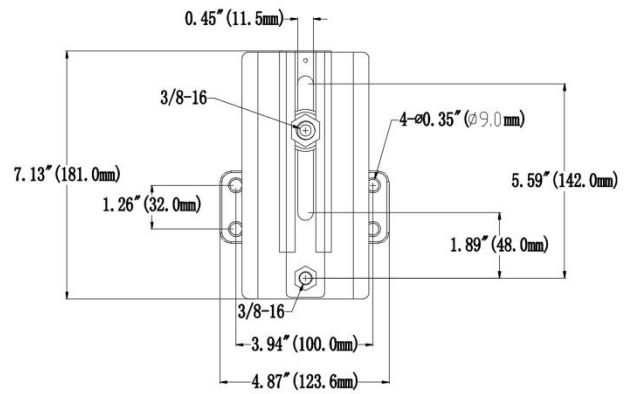
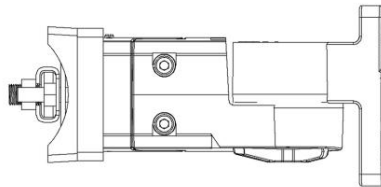
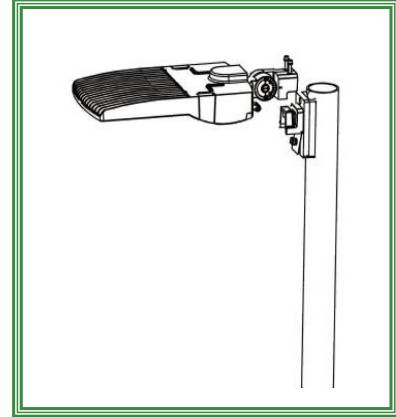
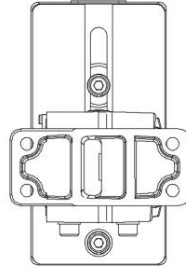
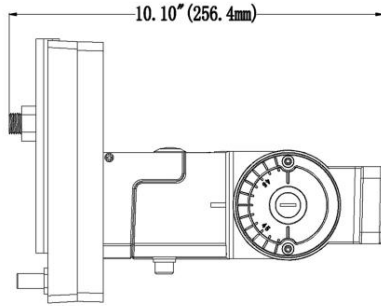
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Mounting

Z4 Option - Pole Mount For 4" Round Poles



Z5 Option - Trunnion

