

DoradoXLE

Outdoor LED Area/Site Luminaire



Key Features

- Easy installation by one person in the field.
- Full cutoff to eliminate forward/upward light.
- Slip fitter, pole mount, or trunnion mount options available.³
- Type III or Type V distributions available.
- Lumen packages range from 13,000 to 38,000 lumens.

Electrical

- 120-277V or 277-480V available.
- 0-10V dimming standard.
- 10KV surge protection standard.
- System power factor >90% and THD <20%.
- Photocell/motion sensor options available.
- Operating temperature: -30°C to 40°C (-30°F to 104°F)

Mounting

- Slip fitter, pole mount, or trunnion mounting options available.³

Construction

- Robust die-cast aluminum protects integral components from harsh environments and optimizes thermal management.
- Housing is protected by a corrosion resistant 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 III or Type V distributions.
- Industry-leading LEDs with 3000K, 4000K, and 5000K CCT (minimum 70 CRI).
- Lumen Maintenance: >152,000 hours (L70)¹

Warranty

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

Project

Date

Catalog Number

Type

Product Performance Summary

Lumen Output	Up to 38,000 lumens
Efficacy	Up to 136 LPW
CRI	≥ 70 CRI
Available CCT	3000K, 4000K & 5000K
Warranty	Ten-Year Warranty

Product Overview

For exterior pole and area lighting applications in new construction or retrofit opportunities, US LED brings the DoradoXLE. The DoradoXLE offers an array of options to accommodate any pole or area lighting requirement, including an assortment of light distributions, mounting methods and luminaire finishes. The DoradoXLE is designed to be oriented either vertical or horizontal, thus increasing its adaptability and functionality on any project.

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



Ordering Information

QDXLE1							Z5
Series	Model	CCT	Input Voltage	Finish	Optics	Accessories	Product Code
100	100W	30	3000K UNVL	120-277V	1 Bronze ²	3 Type 3 N No Sensor	
120	120W	40	4000K UNVH	277-480V	5 Type 5 D1 Photocell		
150	150W	50	5000K				
200	200W						
250	250W						
300	300W						

Mounting Ordering Information

Series ³	Finish
DYS1	Slip fitter Mount for 2 3/8" Round Tenon
DYF1	Arm Mount - Flat
DYRA ⁴	Round Pole Adapter for 4" Pole
DYT1	Trunnion Mount

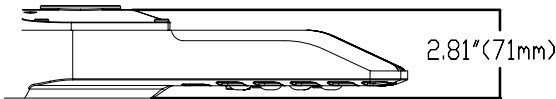
1. US LED product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation 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. Mounting included in the luminaire pricing.
4. DYRA option must be purchased with DYF1 option.

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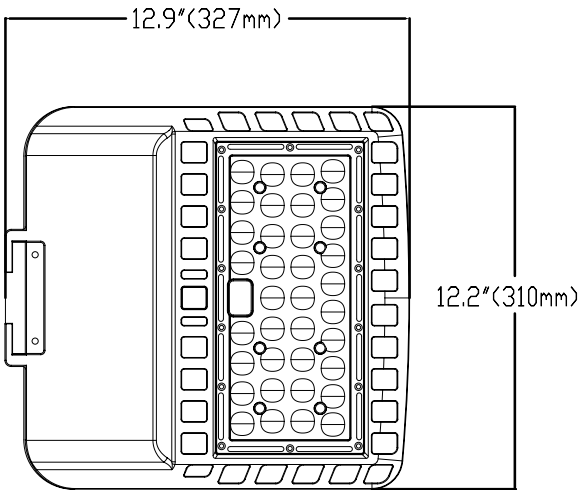
Outdoor LED Area/Site Luminaire

Dimensions

Models 100W-120W-150W (Side View)



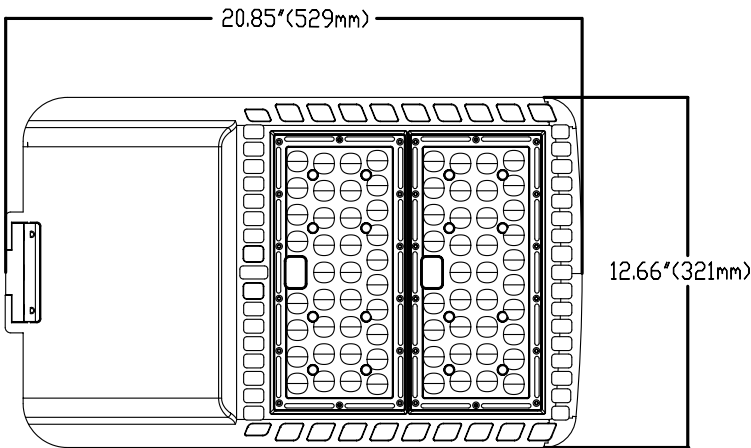
Models 100W-120W-150W (Bottom View)



Models 200W-250W-300W (Side View)



Models 200W-250W-300W (Bottom View)



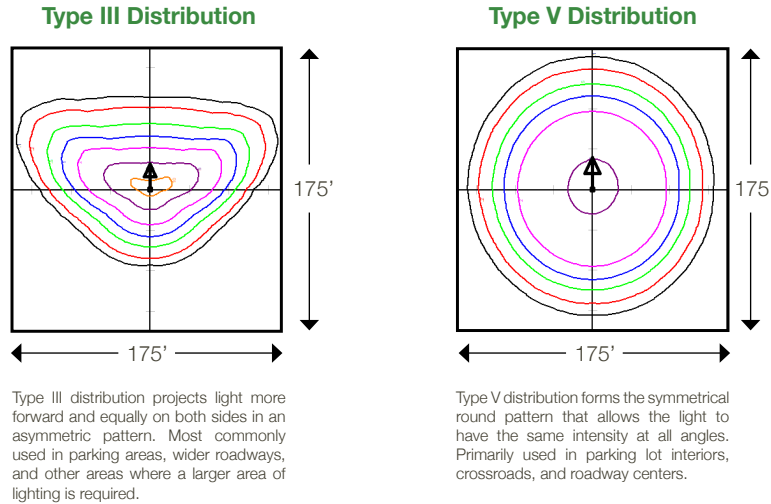
Model	Net Weight	EPA Rating
100W/120W	10.5 lbs. (4.8kg)	1.70
150W	10.5 lbs. (4.8kg)	2.24
200W	13 lbs. (5.9kg)	2.24
250W/300W	13 lbs. (5.9kg)	2.78

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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.



Performance Data

Model	CCT	System Level Power	Delivered Lumens	Efficacy	L70 Calculate Life	L85 Calculate Life
100W	3000K	96W	12,900	135 LPW	142,000 Hours	65,000 Hours
	4000K	96W	12,970	135 LPW	142,000 Hours	65,000 Hours
	5000K	96W	13,090	136 LPW	142,000 Hours	65,000 Hours
120W	3000K	114W	14,700	129 LPW	142,000 Hours	65,000 Hours
	4000K	114W	14,760	130 LPW	142,000 Hours	65,000 Hours
	5000K	114W	15,100	132 LPW	142,000 Hours	65,000 Hours
150W	3000K	138W	17,850	129 LPW	142,000 Hours	65,000 Hours
	4000K	138W	17,980	130 LPW	142,000 Hours	65,000 Hours
	5000K	138W	18,140	131 LPW	142,000 Hours	65,000 Hours
200W	3000K	194W	26,020	134 LPW	152,000 Hours	70,000 Hours
	4000K	194W	26,140	135 LPW	152,000 Hours	70,000 Hours
	5000K	194W	26,370	136 LPW	152,000 Hours	70,000 Hours
250W	3000K	231W	30,170	131 LPW	142,000 Hours	65,000 Hours
	4000K	231W	30,310	131 LPW	142,000 Hours	65,000 Hours
	5000K	231W	30,580	132 LPW	142,000 Hours	65,000 Hours
300W	3000K	286W	37,120	130 LPW	128,000 Hours	58,000 Hours
	4000K	286W	37,400	131 LPW	128,000 Hours	58,000 Hours
	5000K	286W	37,980	133 LPW	128,000 Hours	58,000 Hours

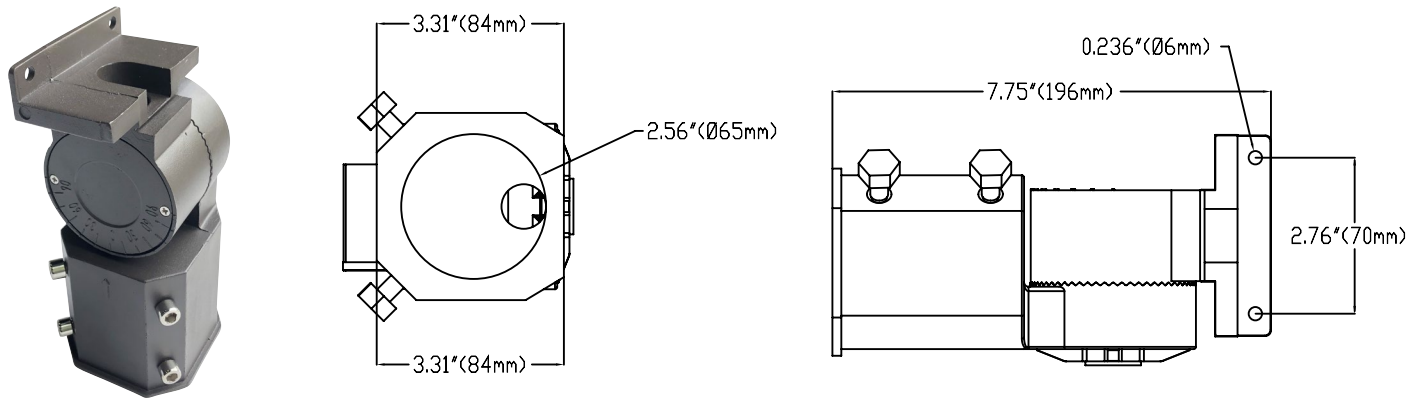
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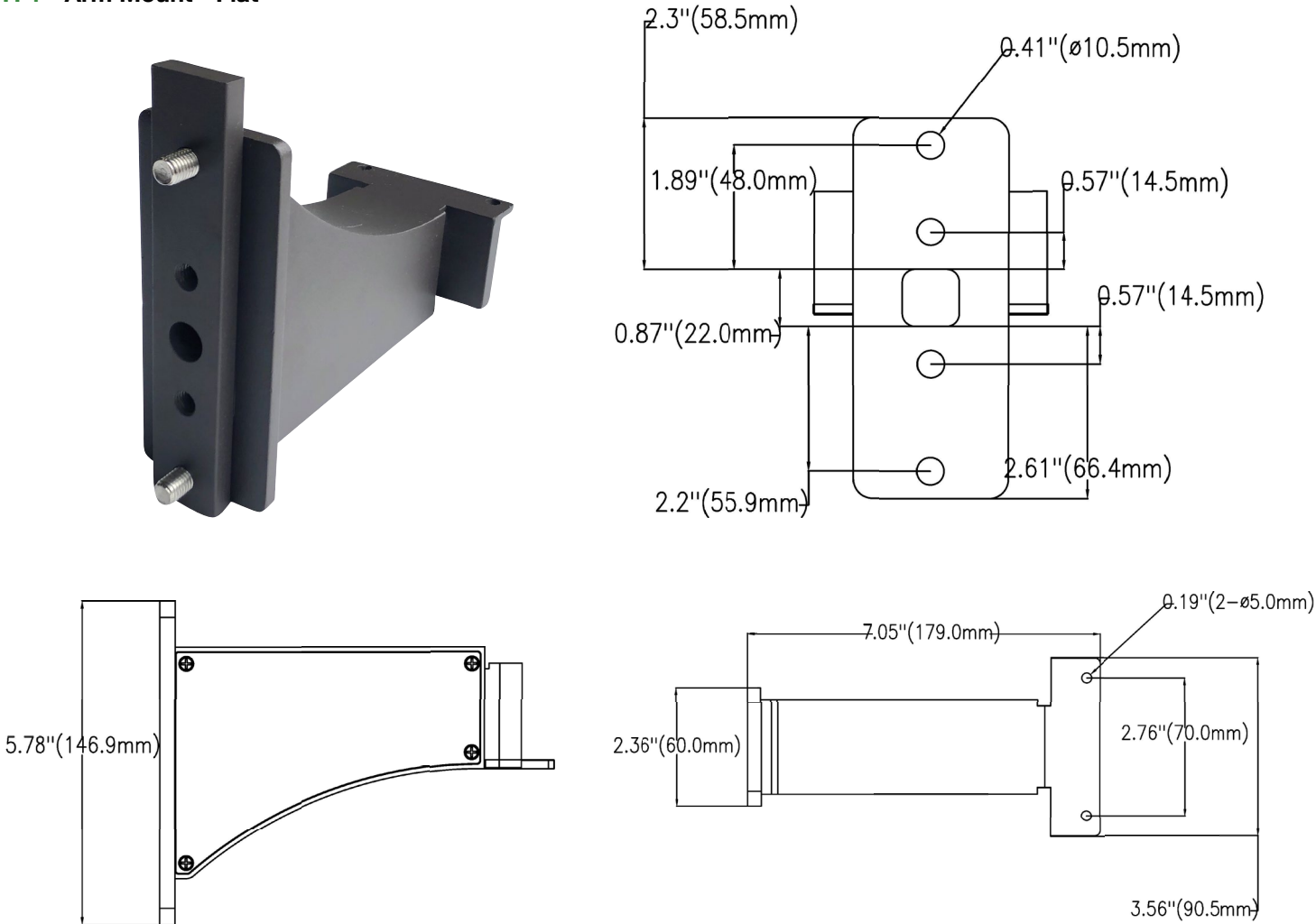


Mounting

DYS1 - Slip fitter Mount



DYF1 - Arm Mount - Flat



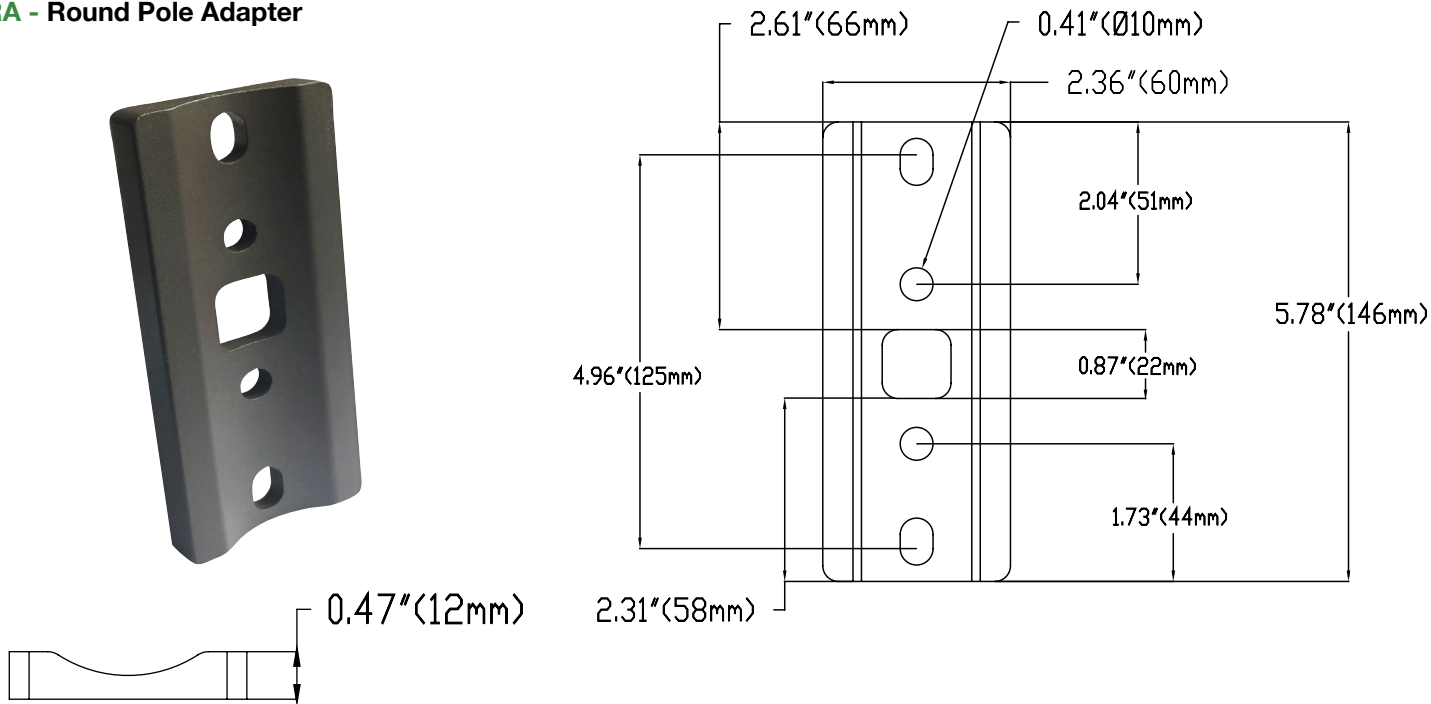
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Mounting

DYRA - Round Pole Adapter



DYT1 - Trunnion Mount

