superbrightleds.com

PLLD4 Series

LED Parking Lot / Area Light Specifications

Project _____

Date _____ Type- _____

PLLD4-50K300W-ALT3BR1-SF

Voltage 120–277 VAC or 277–480 VAC | IP65 | 5yr WARRANTY

Available Models[1]

120–277 VAC

Type III-M

- ☐ PLLD4-50K100W-ALT3BR1
- ☐ PLLD4-50K150W-ALT3BR1
- ☐ PLLD4-50K240W-ALT3BR1
- ☐ PLLD4-50K300W-ALT3BR1
- ☐ PLLD4-50K450W-ALT3BR1

Type V-M

- ☐ PLLD4-50K150W-ALT5BR1
- ☐ PLLD4-50K240W-ALT5BR1
- ☐ PLLD4-50K300W-ALT5BR1
- ☐ PLLD4-50K450W-ALT5BR1

277–480 VAC

- ☐ PLLD4-50K150W-BLT3BR1
- ☐ PLLD4-50K240W-BLT3BR1
- ☐ PLLD4-50K300W-BLT3BR1
- ☐ PLLD4-50K450W-BLT3BR1

Bundled Mount[2]

- ☐ -APM (Adjustable Arm Mount)
- ☐ -SF (Knuckle Slipfitter)
- ☐ -WM (Trunnion Wall Mount)
- ☐ -FB1 (100–150W Yoke Mount)
- ☐ -FB2 (240–450W Yoke Mount)

Optional Photocell

- ☐ Photocell Kit (-JL)

Part Number Breakdown

Example: PLLD4-50K300W-ALT3BR1-SF

Series	CCT	Wattage	Input Voltage	LED Maker	Distribution	Finish	Feature	Mount[2]
PLLD4 [Parking Lot Light, Dimmable, V4]	**50K** [5000K]	**100W** [100W]	**A** [120–277 VAC] or **B** [277–480 VAC]	**L** [Lumileds]	**T3** [Type III-M]	**BR** [Bronze]	**1** [10SP surge protector]	**-APM** **-SF** **-WM** **-FB1** or **-FB2**
		150W [150W]						
		240W [240W]						
		300W [300W]			**T5** [Type V-M]			
		450W [450W]						

Overview

The LED parking lot area light has a Type III-M or V-M distribution pattern ideal for large areas. Its construction consists of a bronze-coated die-cast aluminum housing with a polycarbonate lens. It is IP65-rated waterproof for protection from outdoor conditions. This LED area light is an ideal energy-efficient and low-maintenance replacement for parking lots, campuses, and parks. It is available with or without a photocell–installation is required.
Multiple mounting options are available.

Features

- Type III or Type V distribution for area lighting
- Save energy with optional photocell
- Multiple mounts available
- Up to a 1500W metal-halide equivalent

Product Details

- Bronze powder-coated die-cast aluminum housing
- Polycarbonate lens
- IP65 waterproof
- Input: 120–277 VAC or 277–480 VAC available

Certifications and Compliances

- DLC 5.1 Premium listed
- Certified by UL

DLC LISTED PREMIUM | UL CERTIFIED

Applications

- Area Lighting
- Arenas
- Campus Lighting
- Car Dealerships
- Parking Lots
- Parks
- Roadways
- Sports Complexes
- Stadiums
- Street Lights
- Warehouses

Warranty

- 5-year warranty

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email: commercial-sales@superbrightleds.com

[1] Contact customer service for additional options.
[2] Packed separately, bundled with lights for purchase.

Rev. V4.2 Date: 05/22/2025
Specifications are subject to change without notice.

PLLD4 Series

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SPECIFICATIONS						
Model PLLD4-		**50K100W-xLT3BR1**	**50K150W-xLT3BR1**	**50K240W-xLT3BR1**	**50K300W-xLT3BR1**	**50K450W-xLT3BR1**
PHOTOMETRICS						
Lumens		13,500 lm	20,250 lm	32,400 lm	40,500 lm	60,750 lm
BUG Rating		B3-U0-G3	B3-U0-G3	B4-U0-G4	B4-U0-G4	B5-U0-G5
Distribution Type		Type III-M				
Beam Angle		150° x 100°				
Efficacy		135 lm/W				
Color Temperature		5000K				
CRI		80+				
ELECTRICAL						
Operating Voltage		120–277 VAC (**A**) or 277–480 VAC (**B**) [as ordered]				
Wattage		100W	150W	240W	300W	450W
Current Draw	120 VAC	833mA	1.25A	2A	2.5A	3.75A
	277 VAC	361mA	542mA	866mA	1.08A	1.62A
	480 VAC	–	313mA	500mA	625mA	938mA
Surge Protection		10kV				
Power Factor		≥0.9				
Dimmer Type		0-10V				
MECHANICAL						
EPA Rating		1.3 ft^2		2.1 ft^2		2.8 ft^2
IP Rating		IP65				
Environmental Rating		Suitable for Wet Locations, Waterproof				
Input Connection		Pigtail				
Product Materials		Aluminum Housing, Polycarbonate Lens				
Rated Life (L70)		50000 hours				
Ambient Operating Temperature		-35 to 50°C (-31 to 122°F)				

Part Number	DLC Listing Number
PLLD4-50K100W-ALT3BR1	S-WICGY2
PLLD4-50K150W-ALT3BR1	S-UOY3LT
PLLD4-50K240W-ALT3BR1	S-WPSM4V
PLLD4-50K300W-ALT3BR1	S-6M2HJ1
PLLD4-50K450W-ALT3BR1	S-NZMAPB

Part Number	DLC Listing Number
PLLD4-50K150W-BLT3BR1	S-XNLQWG
PLLD4-50K240W-BLT3BR1	S-Q9LW7J
PLLD4-50K300W-BLT3BR1	S-PLSR90
PLLD4-50K450W-BLT3BR1	S-OJMP26

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PLLD4 Series

LED Parking Lot / Area Light Specifications

SPECIFICATIONS					
Model PLLD4-		**50K150W-ALT5BR1**	**50K240W-ALT5BR1**	**50K300W-ALT5BR1**	**50K450W-ALT5BR1**
PHOTOMETRICS					
Lumens		20,250 lm	32,400 lm	40,500 lm	60,750 lm
BUG Rating		B4-U0-G3	B5-U0-G4	B5-U0-G4	B5-U0-G3
Distribution Type		Type V-M			
Beam Angle		120° x 140°			
Efficacy		135 lm/W			
Color Temperature		5000K			
CRI		80+			
ELECTRICAL					
Operating Voltage		120–277 VAC			
Wattage		150W	240W	300W	450W
Current Draw	120 VAC	1.25A	2A	2.5A	3.75A
	277 VAC	542mA	866mA	1.08A	1.62A
Surge Protection		10kV			
Power Factor		≥0.9			
Dimmer Type		0-10V			
MECHANICAL					
EPA Rating		1.3 ft^2	2.1 ft^2		2.8 ft^2
IP Rating		IP65			
Environmental Rating		Suitable for Wet Locations, Waterproof			
Input Connection		Pigtail			
Product Materials		Aluminum Housing, Polycarbonate Lens			
Rated Life (L70)		50000 hours			
Ambient Operating Temperature		-35 to 50°C (-31 to 122°F)			

Part Number	DLC Listing Number
PLLD4-50K150W-ALT5BR1	S-QA9SVC
PLLD4-50K240W-ALT5BR1	S-7K45LG
PLLD4-50K300W-ALT5BR1	S-PAJ9WF
PLLD4-50K450W-ALT5BR1	S-V5C3FY

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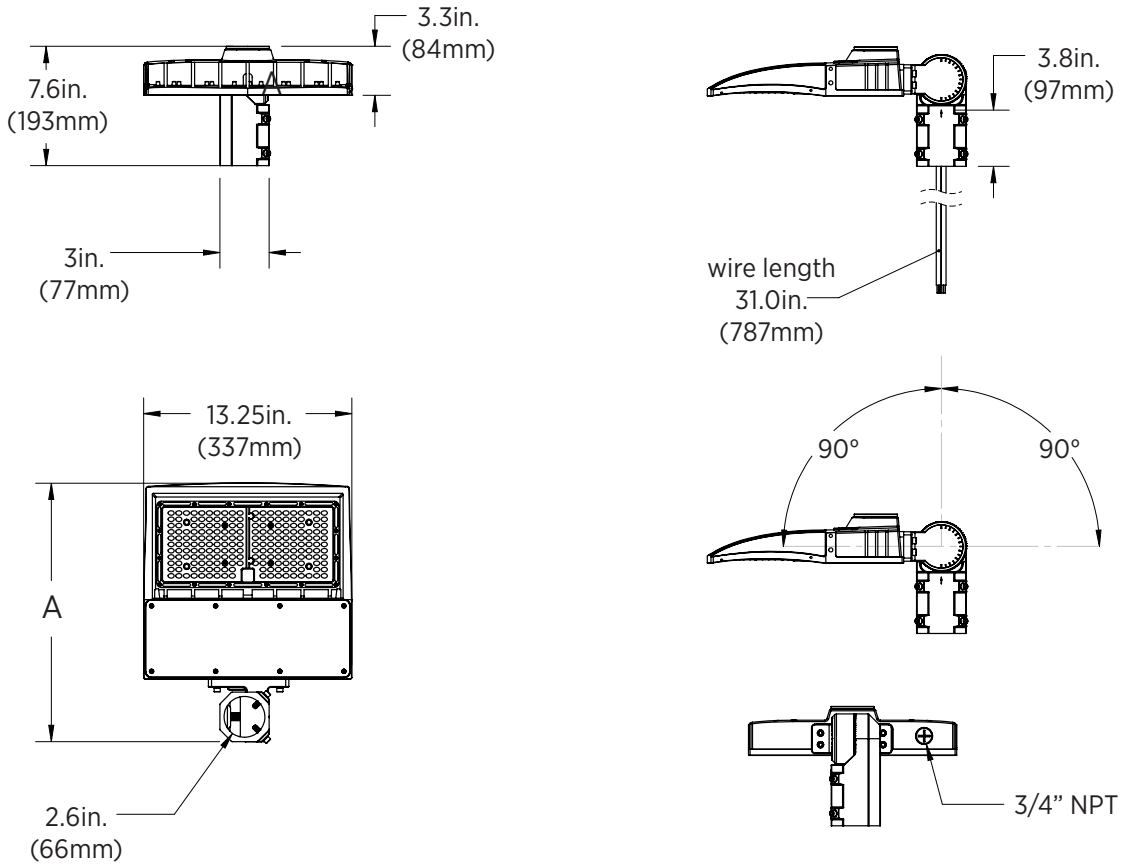
PLLD4 Series

LED Parking Lot / Area Light Specifications

Dimensional Drawings

PLLD4 with Knuckle Slipfitter



Model	Length (A)
PLLD4-50K100W-ALT3BR1-SF PLLD4-50K150W-yLTzBR1-SF	16.4 in. (337mm)
PLLD4-50K240W-yLTzBR1-SF PLLD4-50K300W-yLTzBR1-SF	23.7in. (602mm)
PLLD4-50K450W-yLTzBR1-SF	31.2in. (792mm)

Note: Photocell and base will add approximately 2.6in. (66mm) to the total height.

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PLLD4 Series

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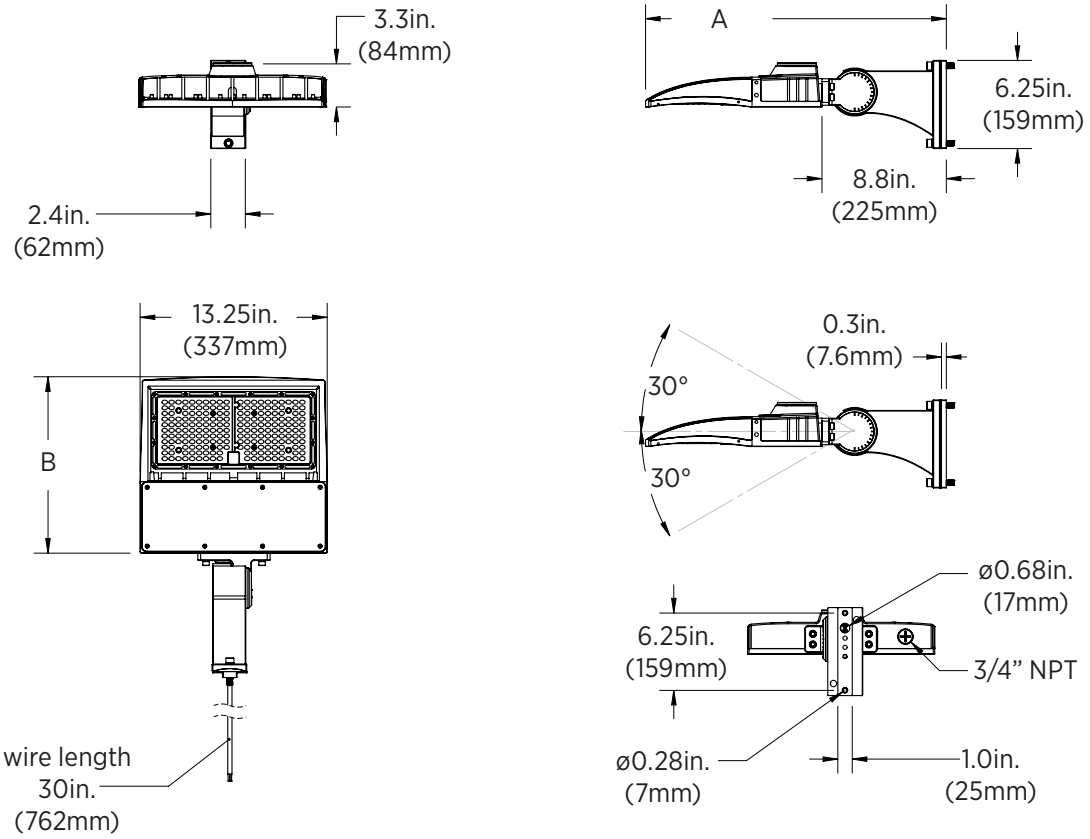
Dimensional Drawings

PLLD4 with Adjustable Arm Mount



Model	Length (A)	Length (B)
PLLD4-50K100W-ALT3BR1-APM PLLD4-50K150W-yLTzBR1-APM	21.3 in. (542mm)	12.5in. (318mm)
PLLD4-50K240W-yLTzBR1-APM PLLD4-50K300W-yLTzBR1-APM	28.6in. (726mm)	19.75in. (502mm)
PLLD4-50K450W-yLTzBR1-APM	36.1in. (917mm)	27.25in. (692mm)

Note: Photocell and base will add approximately 2.6in. (66mm) to the total height.

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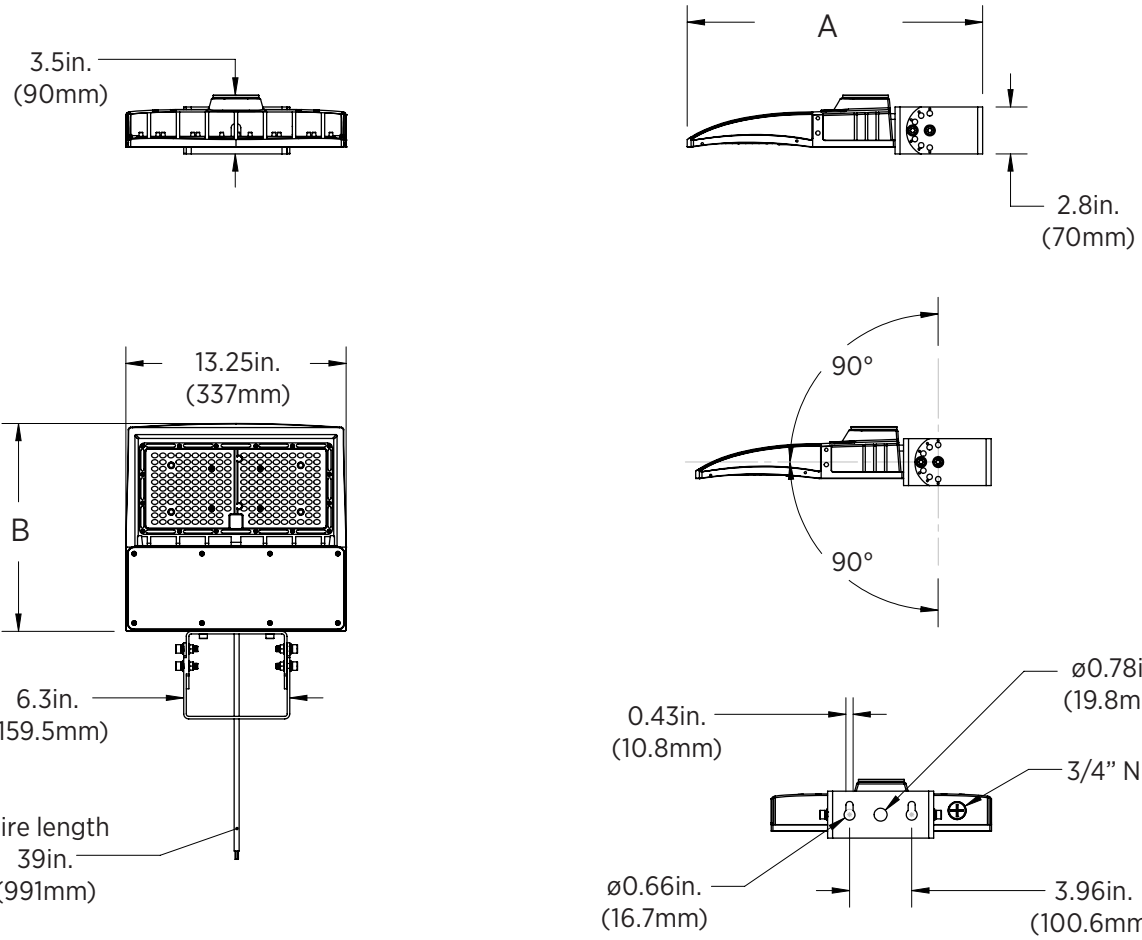
Dimensional Drawings

PLLD4 with Trunnion Wall Mount



Model	Length (A)	Length (B)
PLLD4-50K100W-ALT3BR1-WM PLLD4-50K150W-yLTzBR1-WM	17.8in. (451mm)	12.5in. (318mm)
PLLD4-50K240W-yLTzBR1-WM PLLD4-50K300W-yLTzBR1-WM	25.2in. (639mm)	19.75in. (502mm)
PLLD4-50K450W-yLTzBR1-WM	32.7in. (829mm)	27.25in. (692mm)

Note: Photocell and base will add approximately 2.6in. (66mm) to the total height.

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PLLD4 Series

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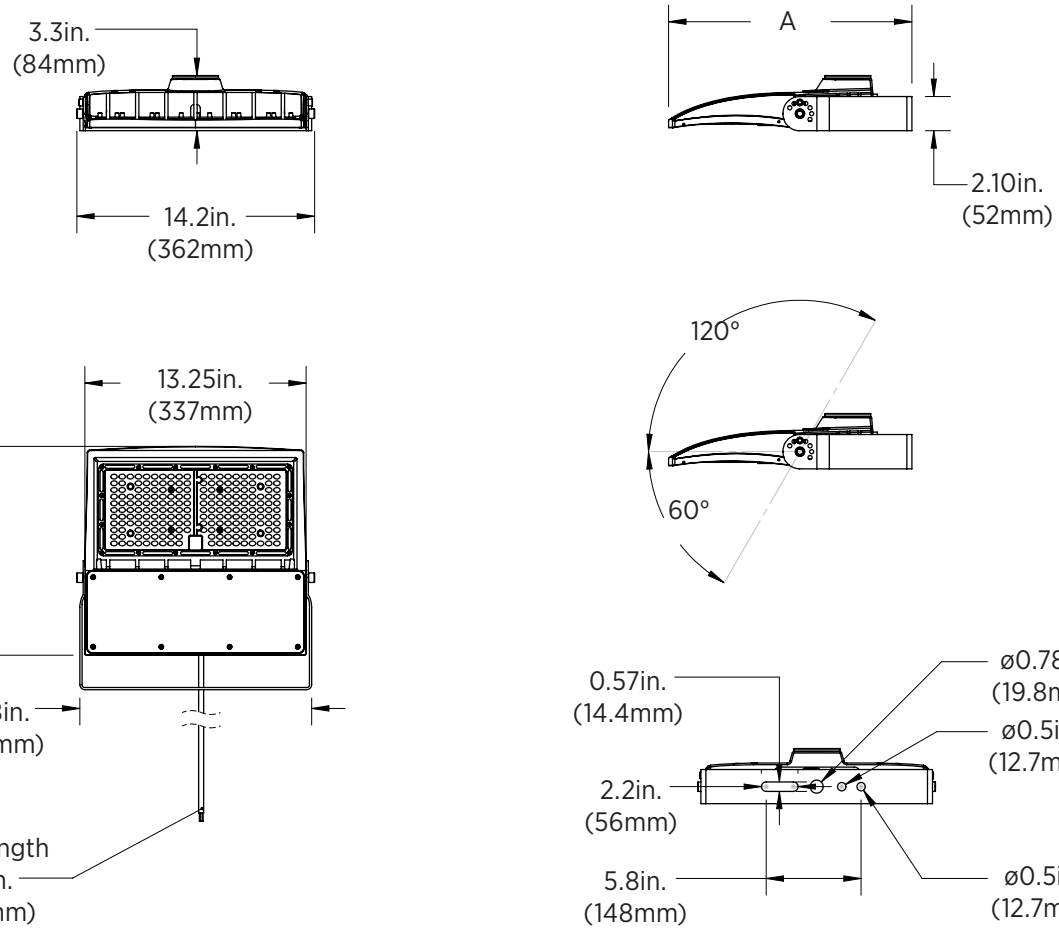
Dimensional Drawings

PLLD4 with Yoke Mount



Model	Length (A)	Length (B)
PLLD4-50K100W-ALT3BR1-FM1 PLLD4-50K150W-yLTzBR1-FM1	14.6in. (370mm)	12.5in. (318mm)
PLLD4-50K240W-yLTzBR1-FM2 PLLD4-50K300W-yLTzBR1-FM2	21.4in. (543mm)	19.75in. (502mm)
PLLD4-50K450W-yLTzBR1-FM2	28.9in. (734mm)	27.25in. (692mm)

Note: Photocell and base will add approximately 2.6in. (66mm) to the total height.

Note: Rear of light housing features a 3/4" NPT plug.

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