superbrightleds.com

ALD2 Series

LED Parking Lot Area Light Specifications

Project _____

Date _____ Type _____

ALD2-50K24W-C-BRC3-FM

Voltage 100–277 VAC | TIII-S Type III-S Distribution | 170 lm/W | IP66 | 5 yr WARRANTY

Available Models[1]

- ☐ ALD2-50K10W-C-BRC3
- ☐ ALD2-50K15W-C-BRC3
- ☐ ALD2-50K19W-C-BRC3
- ☐ ALD2-50K24W-C-BRC3
- ☐ ALD2-50K30W-C-BRC3

Mount Type/Photocell

- ☐ -SF (Standard Knuckle Slipfitter)
- ☐ -SFS (Photocell Knuckle Slipfitter)
- ☐ -FM (Square/Round Pole)
- ☐ -FB (Yoke/U-Bracket/Flood)
- ☐ -JL[3] (Photocell)

Part Number Breakdown

Example: ALD2-50K30W-C-BRC3-SFS-JL

Series	CCT	Wattage	Efficacy	Finish	Voltage	Distribution	Mount[2]	Photocell[2,3]
ALD2 [Area Light, Dimmable]	**50K** [5000K]	**10W** [100 W]	**C** [170 lm/W]	**BR** [Bronze]	**C** [100–277 VAC]	**3** [Type III-S]	-SF -SFS -FM or -FB	**-JL** [yes]
		15W [150 W]						
		19W [185 W]						**blank** [no]
		24W [240 W]						
		30W [300 W]						

Overview

This high-efficacy LED parking lot light emits cool white light in a focused Type III-S distribution pattern that distributes light farther forward for lighting broader pathways and roadways. It replaces traditional metal-halide (MH) lights with comparable output and has a high 170 lumens per watt efficacy. It has a waterproof die-cast aluminum housing and a polycarbonate lens. Use an optional photocell for automatic dusk-to-dawn operation and added energy savings. Multiple mounting options are available.

Features

- Focused Type III-S distribution pattern
- High 170lm/W efficacy - minimizes operating costs
- Save energy with an optional photocell
- Up to 1000W metal-halide equivalent
- Optional photocell for automatic dusk-to-dawn lighting

Product Details

- Die-cast aluminum housing with a polycarbonate lens
- IP66 waterproof
- 100-277 VAC

Certifications and Compliances

- DLC 5.1 Premium listed
- ETL Listed - UL 1598

DLC LISTED PREMIUM | ETL LISTED Intertek

Applications

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

Warranty

- 5-year warranty

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[1] Contact customer service for other options.
[2] Available bundled with lights.
[3] Not available with yoke mount.

Rev V2.2 Date: 08/17/2026
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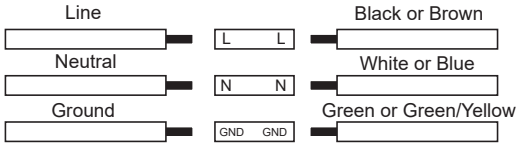
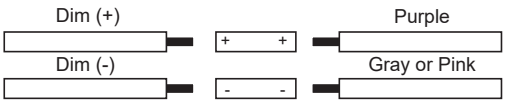
SPECIFICATIONS						
Model | ALD2		**50K10W-C-BRC3**	**50K15W-C-BRC3**	**50K19W-C-BRC3**	**50K24W-C-BRC3**	**50K30W-C-BRC3**
DLC Product ID		S-URZNX0	S-SWAZ25	S-V37RTU	S-HK849Y	S-QPV40W
PHOTOMETRIC						
Lumens		17000	25500	31450	40800	51000
BUG Rating		B3-U2-G3	B4-U2-G3	B4-U3-G3	B4-U3-G4	B5-U3-G4
CCT		5000K				
Distribution		Type III-S				
CRI		70+				
Efficacy		170 lm/W				
ELECTRICAL						
Wattage		100 Watts	150 Watts	185 Watts	240 Watts	300 Watts
Current Draw	120 VAC	833 mA	1.25 A	1.54 A	2 A	2.5 A
	277 VAC	361 mA	540 mA	668 mA	870 mA	1.1 A
Operating Voltage		100–277 VAC				
Power Factor		≥0.9				
Dimming		1–10V				
Surge Protection		10 kV				
MECHANICAL						
EPA		1.29 ft^2			1.83 ft^2	
Product Materials		Die-Cast Aluminum Housing, Polycarbonate Lens				
Finish		Bronze Powder Coat				
Input Connection		Pigtail				
Wire Gauge		18AWG (L/N/G), 22AWG (dimming)				
Rated Life (L70)		50000 hours				
ENVIRONMENTAL						
IP Rating		IP66				
Environmental Rating		Waterproof				
Ambient Operating Temperature		-40 to 45 °C (-40 to 113 °F)				

Wiring Diagram

100–277 VAC Input



1–10 V Dimming



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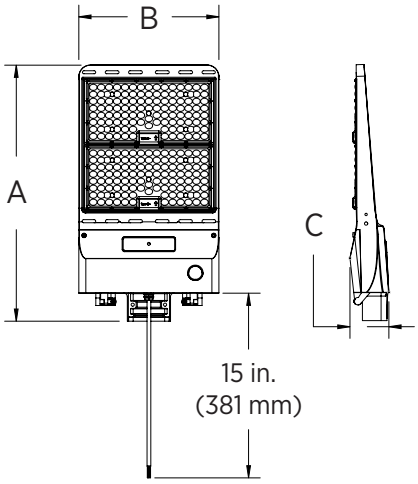
Dimensional Drawings

Lights

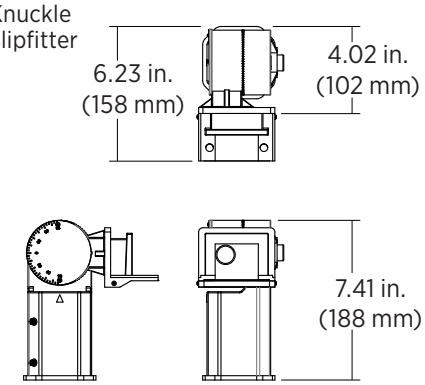


Model	Length (A)	Width (B)	Height (C)	Weight[4]
ALD2-50K10W-C-BRC3	16.9 in. (429 mm)	12 in. (305 mm)	3.5 in. (88 mm)	7.6 lb (3.4 kg)
ALD2-50K15W-C-BRC3				7.8 lb (3.5 kg)
ALD2-50K19W-C-BRC3				9.2 lb (4.2 kg)
ALD2-50K24W-C-BRC3	21.9 in. (557 mm)	12 in. (305 mm)	3.5 in. (88 mm)	12.8 lb (5.8 kg)
ALD2-50K30W-C-BRC3				13.1 lb (5.9 kg)

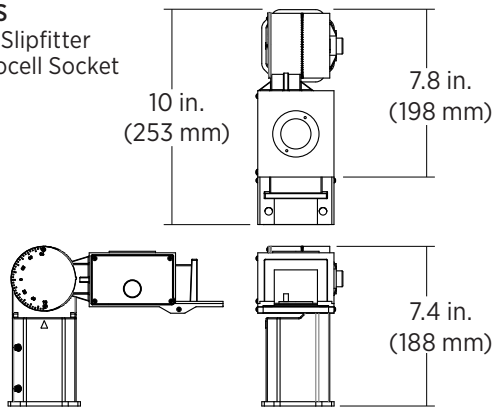
[4] Fixture only.

Mounts

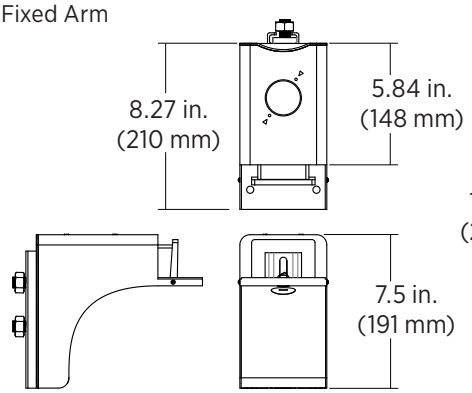
ALD-SF
Knuckle
Slipfitter



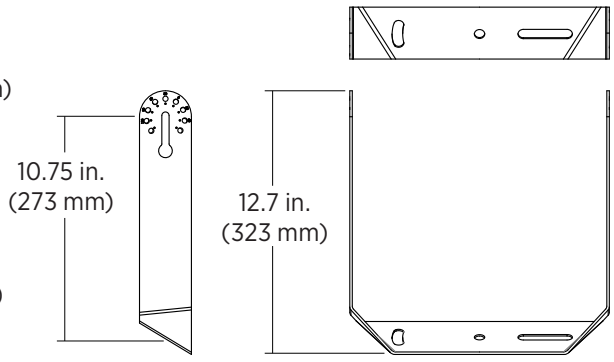
ALD-SFS
Knuckle Slipfitter
w/ Photocell Socket



ALD-FM
Fixed Arm



ALD-FB
Yoke Bracket



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