superbrightleds.com

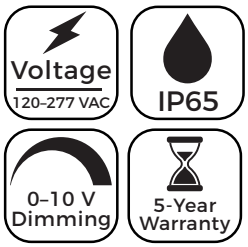
AFLD2 Series

LED Flood Light Specifications

Project_____

Date_____Type_____

AFLD2-50K70-110-S



Description

AFLD2 LED flood lights are a compact and versatile lighting solution for residential and commercial applications. Aluminum housings are powder-coated for durability—able to withstand outdoor environmental conditions. A knuckle mount, slipfitter mount, or yoke mount are included as ordered for simple installation, to easily increase visibility and security.

Mechanical

- Bronze powder-coated aluminum housing
- Non-yellowing polycarbonate lens
- IP65 environmental rating

Electrical

- 120–277 VAC input
- 0–10 V dimming
- 50,000 hour L70 rated lifespan
- Power factor of ≥0.9

Photometrics

- 80° x 110° beam angle
- 130+ lm/W efficacy

Application

Easily replaces inefficient metal-halide fixtures such as those used for lighting building facades and signs as well as those found in general landscape, security, and area lighting applications.

Available Models[1]

Knuckle Mount	Yoke Bracket Mount	Slipfitter Mount
☐ AFLD2-50K15-110-K	☐ AFLD2-50K15-110-U	☐ AFLD2-50K70-110-S
☐ AFLD2-50K30-110-K	☐ AFLD2-50K30-110-U	☐ AFLD2-50K90-110-S
☐ AFLD2-50K50-110-K	☐ AFLD2-50K50-110-U	☐ AFLD2-50K150-110-S
☐ AFLD2-50K70-110-K	☐ AFLD2-50K70-110-U	
☐ AFLD2-50K90-110-K	☐ AFLD2-50K90-110-U	
☐ AFLD2-50K150-110-K	☐ AFLD2-50K150-110-U	

Part Number Breakdown

Example: AFLD2-50K70-110-S

Family	Color Temperature	Wattage	Beam Angle	Mount
AFLD2	**50K** [5000K]	**15** [15 W]	**110** [80° x 110°]	**K** [knuckle]
		30 [30 W]		
		50 [50 W]		**S** [slipfitter]
		70 [70 W]		
		90 [90 W]		**U** [yoke]
		150 [150 W]		

Warranty

- Five (5) year warranty

Certifications and Compliances

- Certified by UL - UL 1598 (IFAM)
- DLC 5.1 Premium listed

UL CERTIFIED

DLC LISTED PREMIUM

[1]Contact customer service if interested in options other than those listed.

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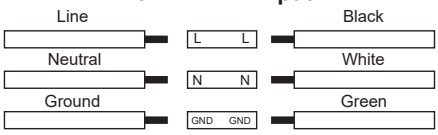
Specifications

Model	AFLD2-50K15-110-x	AFLD2-50K30-110-x	AFLD2-50K50-110-x	AFLD2-50K70-110-x
Intensity	1,950 lm	4,200 lm	6,500 lm	9,100 lm
Power Consumption	15 W	30 W	50 W	70 W
Current Draw	125 mA @ 120 VAC 54 mA @ 277 VAC	250 mA @ 120 VAC 110 mA @ 277 VAC	420 mA @ 120 VAC 18 mA @ 277 VAC	580 mA @ 120 VAC 250 mA @ 277 VAC
Efficacy	130 lm/W	140 lm/W	130 lm/W	
Operating Voltage	120–277 VAC			
Color Temperature	5000K			
Beam Angle	80° (V) x 110° (H)			
CRI	80+			
Dimming	0–10 V			
IP Rating	IP65			
Rated Life (L70)	50,000 hours			
Ambient Operating Temperature	-40°–113° F (-40°–45° C)			

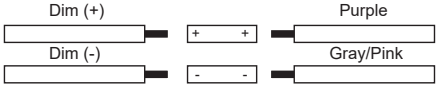
Model	AFLD2-50K90-110-x	AFLD2-50K150-110-x
Intensity	12,600 lm	21,000 lm
Power Consumption	90 W	150 W
Current Draw	750 mA @ 120 VAC 325 mA @ 277 VAC	1.25 mA @ 120 VAC 540 mA @ 277 VAC
Operating Voltage	120–277 VAC	
Efficacy	140 lm/W	
Color Temperature	5000K	
Beam Angle	80° (V) x 110° (H)	
CRI	80+	
Dimming	0–10 V	
IP Rating	IP65	
Rated Life (L70)	50,000 hours	
Ambient Operating Temperature	-40°–113° F (-40°–45° C)	

Wiring Diagram

120–277 VAC Input



0–10 V Dimming



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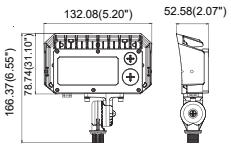
Dimensional Drawing

AFLD2-50K15-110-K



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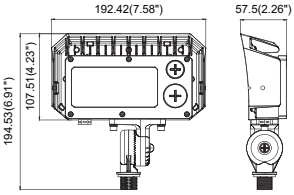

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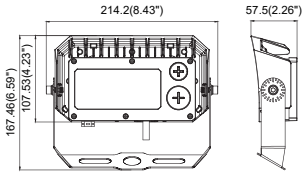

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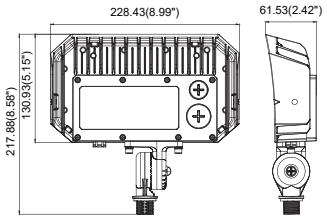

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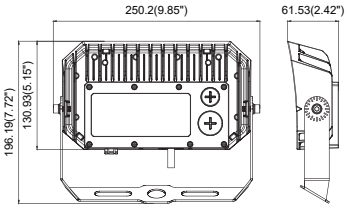
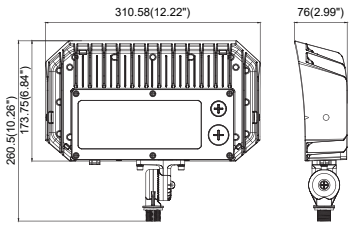


AFLD2-50K70-110-K /
AFLD2-50K90-110-K



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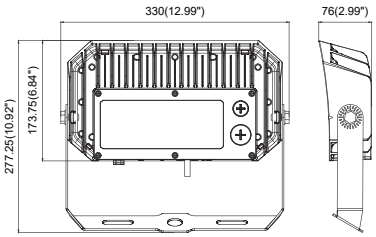
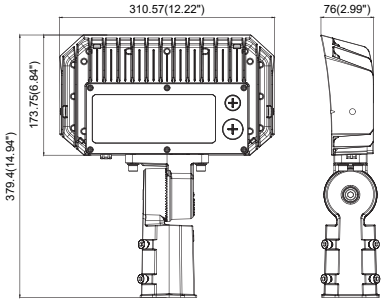
AFLD2-50K90-110-U



AFLD2-50K70-110-S /
AFLD2-50K90-110-S



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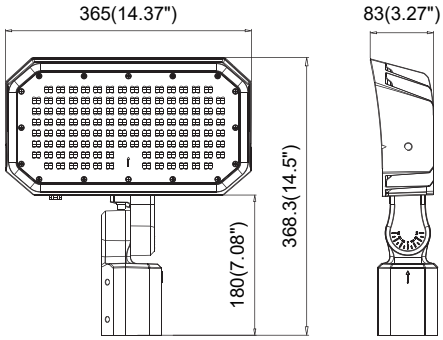

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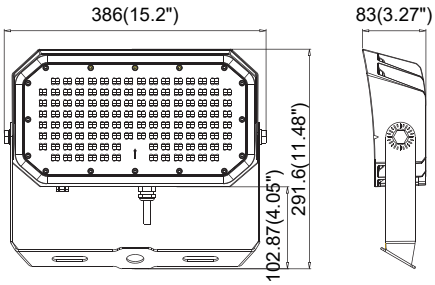

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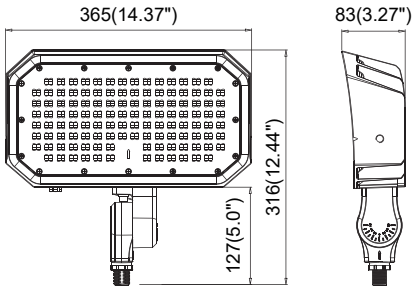

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