

AFLD2 Series

LED Flood Light Specifications

Project _____

Type _____ Date _____



AFLD2-50K70-110-S



Available Models¹

Knuckle Mount

- AFLD2-50K15-110-K
- AFLD2-50K30-110-K
- AFLD2-50K50-110-K
- AFLD2-50K70-110-K
- AFLD2-50K90-110-K
- AFLD2-50K150-110-K

Yoke Bracket Mount

- AFLD2-50K15-110-U
- AFLD2-50K30-110-U
- AFLD2-50K50-110-U
- AFLD2-50K70-110-U
- AFLD2-50K90-110-U
- AFLD2-50K150-110-U

Slipfitter Mount

- AFLD2-50K70-110-S
- AFLD2-50K90-110-S
- AFLD2-50K150-110-S

Part Number Breakdown

Example: AFLD2-50K70-110-S

Series	CCT	Wattage		Beam Angle	Mount Type ²
AFLD2 [Area Flood Light, Dimmable, V2]	50K [5000K]	15 [15 Watts]	70 [70 Watts]	110 [80° x 110°]	K [knuckle] S [slipfitter] or U [yoke]
		30 [30 Watts]	90 [90 Watts]		
		50 [50 Watts]	150 [150 Watts]		

Overview

AFLD2 LED flood lights have an efficacy of up to 140 lumens per watt and replace traditional metal-halide fixtures. They offer 0-10V dimming and feature an 80° x 110° beam angle with a wide 7x7 NEMA distribution pattern. 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.

Features

- Wide NEMA 7x7 light distribution
- 80° x 110° beam angle
- Durable die-cast aluminum construction

Product Details

- Bronze aluminum housing
- Clear polycarbonate lens
- 0-10V dimming
- 50000 hour L70 LED lifespan
- 120-277 VAC input

Certifications and Compliances

- Certified by UL - UL 1598 (IFAM)
- DLC 5.1 Premium listed³



Applications

- Building Exteriors and Facades
- Security Lighting
- Sign Lighting

Warranty

- 5-year warranty



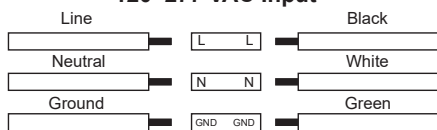
AFLD2 Series

LED Flood Light Specifications

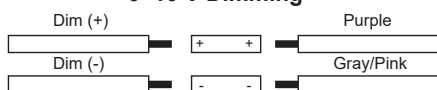
SPECIFICATIONS						
Model AFLD2-	50K15-110-x	50K30-110-x	50K50-110-x	50K70-110-x	50K90-110-x	50K150-110-x
DLC Product ID	—	S-SKICTY	S-7S8VNU	S-QKA574	S-WZTBPO	S-HUBJ3D
UL File Number	E366643					
PHOTOMETRIC						
Lumens	1950 Lumens	4200 Lumens	6500 Lumens	9100 Lumens	12,600 Lumens	21,000 Lumens
Efficacy	130 lm/W	140 lm/W	130 lm/W		140 lm/W	
Color Temperature	5000K					
Beam Angle	80° (V) x 110° (H)					
Distribution Type	NEMA 7x7					
CRI	80+					
ELECTRICAL						
Wattage	15 Watts	30 Watts	50 Watts	70 Watts	90 Watts	150 Watts
Current Draw	120 VAC	125 mA	250 mA	420 mA	580 mA	1.25 mA
	277 VAC	55 mA	110 mA	180 mA	250 mA	540 mA
Operating Voltage	120-277 VAC					
Dimming	0-10V					
Surge Protection	2 kV					
MECHANICAL						
Input Connection	Pigtail					
Wire Gauge	18 AWG (L/N/G), 22 AWG (dimming)					
Rated Life (L70)	50000 hours					
ENVIRONMENTAL						
Product Materials	Aluminum Housing, Polycarbonate Lens					
Finish	Bronze					
IP Rating	IP65					
Environmental Rating	Suitable for Wet Locations, Water-Resistant					
Ambient Operating Temperature	-40 to 45 °C (-40 to 113 °F)					

Wiring Diagram

120-277 VAC Input



0-10 V Dimming

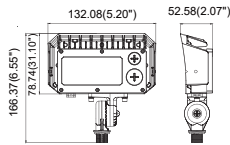


AFLD2 Series

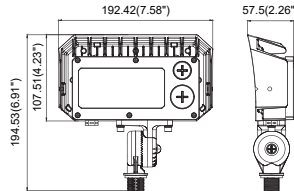
LED Flood Light Specifications

Dimensional Drawings

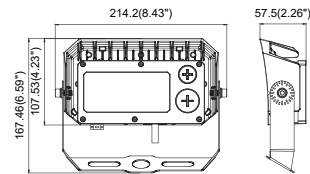
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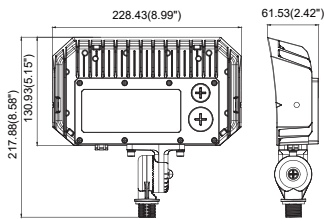
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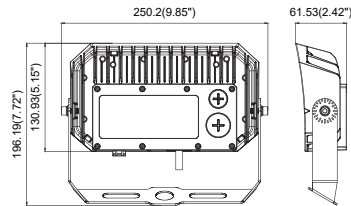
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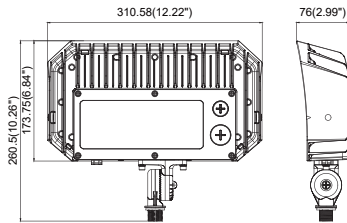
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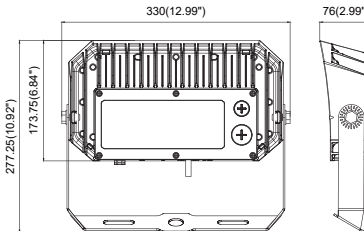
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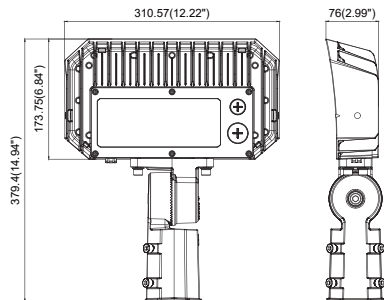
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AFLD2-50K90-110-K



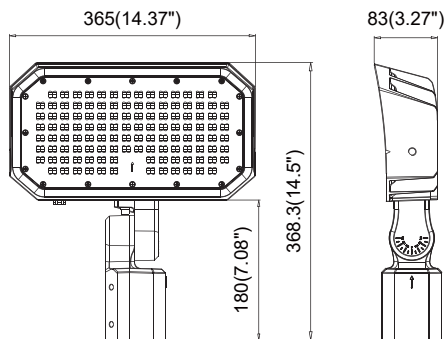
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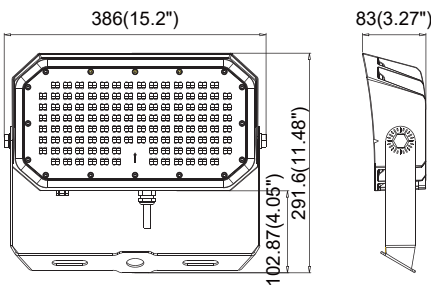
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AFLD2-50K90-110-S



AFLD2-50K150-110-S



AFLD2-50K150-110-U



AFLD2-50K150-110-K

