

## LED ARCHITECTURAL FLOOD AF SERIES



AFB50U641KSB



AFC80U641KLB



AFD110U641KLB



AFD150U341KLB



### PRODUCT DESCRIPTION:

The Architectural Flood family of fixtures combines performance and design in a value package. Available in 3 sizes, wattage of this flood family ranges from 50W to 150W. The small size unit is available with a 1/2" threaded adjustable knuckle while the larger 2 sizes are available with a 2-3/8" slipfitter adjustable arm. Typical applications include general area lighting, facade, landscape as well as signage or displays.

### FEATURES:

- 5,660 to 13,940 lumens
- 90+ LPW
- 120-277V Universal Voltage Driver
- NEMA 6X6 (3x3 distribution on 150W version)
- IP65-rated
- CRI: >70
- CCT: 4000K (nominal)
- 100,000 hour life (L70)
- 10 kA surge protection optional
- 5 year limited warranty

### CONSTRUCTIONS:

- Die cast aluminum body with integrated heat sinking to maximize performance and long fixture life.
- IP65 rated
- Stainless steel hardware
- Specular vacuum metalized reflector optics
- Tempered front glass
- 1-1/2" Adjustable Knuckle Slipfitter arm (80w-1800)
- TGIC Polyester Powder Coat Finish. Bronze standard.
- 10kA Surge Protection optional in accordance with IEEE/ANSI C62.41.2
- Operating Temperature Range; -22°F to 104°F (-30°C to 40°C)

MODEL SELECTION (Full list of order codes on pg. 2)			Typical order example: AFD110U641KLBSS			
AF		U6	41		B	SS
FAMILY	SIZE, NOMINAL POWER (EQUIVALENCY)	VOLTAGE AND DISTRIBUTION	CCT	MOUNTING	COLOR	OPTIONS
AF= LED Architectural Flood	B50= B Size, 52W (175W MH)	U6= 120-277V std and NEMA 6Hx6V	41= 4100K	KS= Knuckle Small (1/2" threaded arm) TS= Trunnion Small	B= Bronze, std	SS= 10kA Surge Suppressor
AF		U6	41		B	
FAMILY	SIZE, NOMINAL POWER (EQUIVALENCY)	VOLTAGE AND DISTRIBUTION	CCT	MOUNTING	COLOR	OPTIONS
AF= LED Architectural Flood	C80= C Size, 76W (250W MH)	U6= 120-277V std and NEMA 6Hx6V	41= 4100K	KL= Knuckle Large (2-3/8" Slipfitter) TL= Trunnion Large	B= Bronze, std	SS= 10kA Surge Suppressor
AF			41		B	
FAMILY	SIZE, NOMINAL POWER (EQUIVALENCY)	VOLTAGE AND DISTRIBUTION	CCT	MOUNTING	COLOR	OPTIONS
AF= LED Architectural Flood	D110= D Size, 103W (400W MH) D150= D Size, 152W (400W MH)	U6= 120-277V, std and NEMA 6Hx6V U3= 120-277V std and NEMA 3Hx3V	41= 4100K	KL= Knuckle Large (2-3/8" Slipfitter) TL= Trunnion Large	B= Bronze, std	SS= 10kA Surge Suppressor

**SPECIFICATIONS:**

		AFB50U641XXBSS	AFC80U641XXBSS	AFD110U641XXBSS	AFD150U341XXBSS
ITEM	SPECIFICATION	DETAILS	DETAILS	DETAILS	DETAILS
<b>GENERAL PERFORMANCE</b>	Wattage (W)	52	76	103	152
	Output, 4100K (lm)	5,660	8,060	12,010	13,940
	Efficacy (lm/W)	115	107	105	93
	NEMA Distribution (H x V)	6x6			3x3
	Color Temperature (CCT)	4100K			
	CRI	≥70			
	Lumen Maintenance (L70 @ 25°C)	≥100,000 Hrs			
<b>ELECTRICAL</b>	Power Factor	>0.90			
	Input Voltage	120V-277V, 50/60 Hz			
<b>PHYSICAL</b>	Housing	Die cast aluminum with powder coat paint			
	Lens	Tempered Glass			
	Mounting	1/2" NPT or 2-3/8" OD Slipfitter			
	Humidity	5% - 90% RH, non condensing			
	Operating Temperature	-22°F to 104°F			
<b>CERTIFICATION</b>	Certification	cULus, LM79, LM80, DLC			
	Environment	IP65			
	Material Usage	RoHS compliant; no mercury			
	Warranty	5 years			

**ORDERING:**

ORDER CODE	MODEL	WATTAGE	EQUIVALENT	LUMENS	NEMA DISTRIBUTION (H X V)	MOUNTING	CCT
76680	AFB50U641KSBSS	52W	175W Metal Halide	5,660	6x6	1/2" NPT	4100K
107226	AFB50U641TSBSS	52W	175W Metal Halide	5,660	6x6	Small Trunnion	
76681	AFC80U641KLBSS	76W	250W Metal Halide	8,070	6x6	2-3/8" Slipfitter	
107227	AFC80U641TLBSS	76W	250W Metal Halide	8,070	6x6	Large Trunnion	
76683	AFD110U641KLBSS	103W	400W Metal Halide	12,010	6x6	2-3/8" Slipfitter	
107228	AFD110U641TLBSS	103W	400W Metal Halide	12,010	6x6	Large Trunnion	
77619	AFD150U341KLBSS	152W	400W Metal Halide	13,940	6x6	2-3/8" Slipfitter	
107280	AFD150U341TLBSS	152W	400W Metal Halide	13,940	6x6	Large Trunnion	

ACCESSORIES			
ORDER CODE	MODEL NUMBER	DESCRIPTION	ACCESSORIES IMAGE
101679	TR2.37BZ	Tennon Reducer, 2-3/8" to 1/2", Bronze	