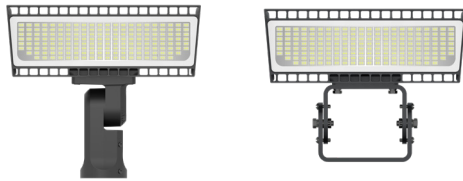


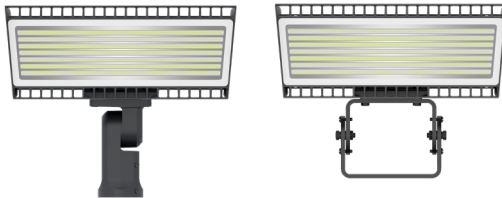
FXLED Field-Adjustable Floodlights



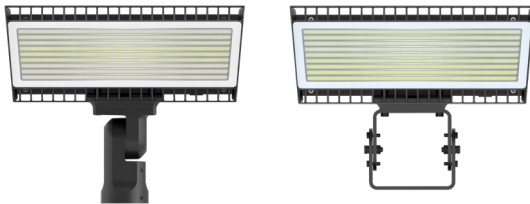
FXLEDXS / FXLEDS



FXLEDM



FXLEDL



PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Available in following selectable wattages:
FXLEDXS: **80/60/40W** (Default 80W)
FXLEDS: **168/132/97/69W** (Default 168W)
FXLEDM: **346/213W** (Default 346W)
FXLEDL: **534/445W** (Default 534W)
- CCT: Selectable **5000K/4000K** (Default 5000K)
- Available in 120-277V and 480V
- Slipfitter** and **Trunnion** available on all models
- Available in bronze and white finish
- UL listed for wet location
- IP66** listed
- 0-10V** dimmable
- 10-years, no-compromise warranty

Field-Adjustable CCT and Wattage



0-10V



100,000
HOURS



WET
RATED



IP RATING



FIELD
ADJUSTABLE

PERFORMANCE

FXLEDXS (6HX6V)	4000K	5000K	4000K	5000K	4000K	5000K
FA Wattage	80W	80W	60W	60W	40W	40W
Input Watts	85.7W	84W	63.9W	62.8W	40.4W	39.7W
Lumens	11,887	11,668	9,187	9,002	5,970	5,797
Lm/W	138.7	138.9	143.8	143.3	147.8	146.0
CRI	82	85	82	85	83	85
Voltage Ratings	120-277V					

FXLEDXS (6HX6V)	4000K	5000K	4000K	5000K	4000K	5000K
FA Wattage	80W	80W	60W	60W	40W	40W
Input Watts	85W	83.3W	63.5W	62.2W	40.2W	39.4W
Lumens	11,765	11,605	9,044	8,865	5,805	5,624
Lm/W	138.4	139.3	142.4	142.5	144.4	142.7
CRI	82	85	82	85	82	85
Voltage Ratings	480V					

FXLED Field-Adjustable Floodlights



PERFORMANCE (CONTINUED)

FXLEDs (6HX6V)	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K
FA Wattage	168W	168W	132W	132W	97W	97W	69W	69W
Input Watts	167.3W	165.3W	129.3W	129W	95.9W	95.4W	67.5W	67.1W
Lumens	22,010	21,649	17,898	17,832	13,934	13,888	10,220	10,206
Lm/W	131.5	131.0	138.4	138.3	145.3	145.6	151.5	152.1
CRI	82	81	81	81	81	82	81	81
Voltage Ratings	120-277V							

FXLEDs (6HX6V)	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K
FA Wattage	168W	168W	132W	132W	97W	97W	69W	69W
Input Watts	168.3W	168.3W	92.2W	91.5W	71.8W	71.3W	47.8W	47.5
Lumens	21,083	22,308	10,531	13,127	8,581	10,536	6,141	7,257
Lm/W	125.2	132.5	114.2	143.5	119.5	147.7	128.5	152.8
CRI	81	81	82	82	82	82	82	82
Voltage Ratings	480V							

FXLEDm (7HX6V)	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K
FA Wattage	346W	346W	213W	213W	346W	346W	213W	213W
Input Watts	344.2W	343.2W	209W	210.2W	335.0W	334.5W	206W	205.7W
Lumens	45,135	44,369	30,156	30,228	45,431	45,052	30,575	30,305
Lm/W	131.1	129.3	144.3	143.8	135.6	134.7	148.4	147.3
CRI	82	81	81	82	81	81	82	81
Voltage Ratings	120-277V				480V			

FXLEDm (3HX3V)	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K
FA Wattage	346W	346W	213W	213W	346W	346W	213W	213W
Input Watts	339.8W	354.3W	217.1W	225.7W	328.8W	342.4W	211.7W	219.5W
Lumens	46,300	43,110	31,601	30,483	46,418	43,449	31,341	30,436
Lm/W	136.3	121.7	145.6	135.1	141.2	126.9	148.0	138.7
CRI	86	84	86	84	86	84	86	84
Voltage Ratings	120-277V				480V			

FXLEDm (5HX5V)	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K
FA Wattage	346W	346W	213W	213W	346W	346W	213W	213W
Input Watts	340.7W	354.9W	216.0W	224.1W	328.8W	342.2W	211.6W	219.1W
Lumens	45,594	42,590	30,790	29,742	45,730	42,737	30,832	29,818
Lm/W	133.8	120.0	142.5	132.7	139.1	124.9	145.7	136.1
CRI	86	84	86	84	86	84	86	84
Voltage Ratings	120-277V				480V			

FXLED Field-Adjustable Floodlights



PERFORMANCE (CONTINUED)

FXLEDL(7HX6V)	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K
FA Wattage	534W	534W	445W	445W	534W	534W	445W	445W
Input Watts	543.2W	539.9W	447.8W	443.5W	509.7W	504.2W	447.9W	442.4W
Lumens	71,624	72,667	61,887	63,204	71,580	70,461	64,058	63,023
Lm/W	131.9	134.6	138.2	142.5	140.4	139.6	143	142.5
CRI	81	82	81	82	81	81	81	81
Voltage Ratings	120-277V				480V			

FXLEDL(3HX3V)	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K
FA Wattage	534W	534W	445W	445W	534W	534W	445W	445W
Input Watts	523.3W	546.6W	434.5W	452.7W	503.1W	523.8W	419.2W	435.0W
Lumens	69,674	64,539	59,634	56,195	69,171	64,079	59,210	56,214
Lm/W	133.1	118.1	137.2	124.1	137.5	122.3	141.2	129.2
CRI	86	84	86	84	86	84	86	84
Voltage Ratings	120-277V				480V			

FXLEDL(5HX5V)	4000K	5000K	4000K	5000K	4000K	5000K	4000K	5000K
FA Wattage	534W	534W	445W	445W	534W	534W	445W	445W
Input Watts	526.9W	548.2W	434.9	W450.7W	502.5W	523.1W	420.2W	435.0W
Lumens	70,014	64,201	59,717	55,702	67,610	63,101	58,106	54,718
Lm/W	132.9	117.1	137.3	123.6	134.5	120.6	138.3	125.8
CRI	86	85	86	84	86	85	86	84
Voltage Ratings	120-277V				480V			

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Cold Weather Starting

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature

Suitable for use in up to 40°C (104°F)

Housing

Die-cast aluminum

Mounting

Slipfitter, Trunnion

Tilt increment:

Slipfitter : 5°

Trunnion: 30°

Lens

Ultra-clear tempered glass

Reflector

FXLEDXS, FXLEDS and FXLEDM: Vacuum metalized polycarbonate

FXLEDL: Vacuum metalized die cast aluminum alloy

CONSTRUCTION

Gaskets

High-temperature silicone gaskets

Effective Projected Area

FXLEDXS / FXLEDS: 0.5 (Slipfitter), 0.37 (Trunnion)

FXLEDM: 0.72 (Slipfitter), 0.59 (Trunnion)

FXLEDL: 1.02 (Slipfitter and Trunnion)

IP Rating

Ingress protection rating of IP66 for dust and water

Vibration Rating

3G vibration rating per ANSI C136.31

Green Technology

Mercury and UV free. RoHS-compliant components.

Finish

Formulated for high durability and long lasting color. Available in bronze & white finish.

FXLED Field-Adjustable Floodlights



TECHNICAL SPECIFICATIONS (CONTINUED)

COMPLIANCE

UL Listed

Suitable for wet locations. Suitable for mounting within 4 feet of the ground.

DLC Listed

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

MODEL#	DLC ID	MODEL#	DLC ID
FXLEDXS	S-HCPTW7	FXLEDXS/480	S-WYHZ82
FXLEDS	S-ZTA2XY	FXLEDS/480	S-HK5F7M
FXLEDSB33	S-GTL3BB	FXLEDSB33/480	S-XLBGYR
FXLEDSB55	S-BS3Q4M	FXLEDSB55/480	S-JB5GDF
FXLEDM	S-CZQE9A	FXLEDM/480	S-UV7HJC
FXLEDMB33	S-K4LY03	FXLEDMB33/480	S-T6BLV6
FXLEDMB55	S-KJ5RH0	FXLEDMB55/480	S-7VGYN5
FXLEDL	S-ON9HM6	FXLEDL/480	S-7XE4CV
FXLEDLB33	S-ZK3H90	FXLEDLB33/480	S-H8YZPM
FXLEDLB55	S-GZ0NBT	FXLEDLB55/480	S-R33955

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, surface-mount LEDs

Color Uniformity

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standards for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Color Consistency

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period

ELECTRICAL

Drivers:

Constant Current, Class 2, 120-277V, 50/60 Hz

FXLEDXS @ 5000K/4000K

40W: 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

60W: 120V: 0.53A, 208V: 0.30A, 240V: 0.25A, 277V: 0.22A

80W: 120V: 0.72A, 208V: 0.40A, 240V: 0.34A, 277V: 0.30A

FXLEDS @ 5000K/4000K

69W: 120V: 0.58A, 208V: 0.34A, 240V: 0.29A, 277V: 0.25A

97W: 120V: 0.81A, 208V: 0.47A, 240V: 0.41A, 277V: 0.35A

132W: 120V: 1.10A, 208V: 0.64A, 240V: 0.55A, 277V: 0.48A

168W: 120V: 1.40A, 208V: 0.81A, 240V: 0.70A, 277V: 0.61A

FXLEDM @ 5000K/4000K

213W: 120V: 1.78A, 208V: 1.03A, 240V: 0.89A, 277V: 0.77A

346W: 120V: 2.84A, 208V: 1.67A, 240V: 1.45A, 277V: 1.25A

FXLEDL @ 5000K/4000K

445W: 120V: 3.71A, 208V: 2.14A, 240V: 1.86A, 277V: 1.61A

534W: 120V: 4.45A, 208V: 2.57A, 240V: 2.23A, 277V: 1.93A

ELECTRICAL (CONTINUED)

Drivers:

Constant Current, Class 1, 480V, 50/60 Hz

FXLEDXS @ 5000K/4000K

40W: 480V: 0.11A

60W: 480V: 0.14A

80W: 480V: 0.19A

FXLEDS @ 5000K/4000K

69W: 480V: 0.15A

97W: 480V: 0.21A

132W: 480V: 0.28A

168W: 480V: 0.35A

FXLEDM @ 5000K/4000K

213W: 480V: 0.45A

346W: 480V: 0.72A

FXLEDL @ 5000K/4000K

445W: 480V: 0.93A

534W: 480V: 1.12A

Surge Protection

6kV

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD / POWER FACTOR: @5000K

MODEL#	WATTS	THD	PF	THD	PF
		120V		277V	
FXLEDS	168W	3.6%	99.9%	8.5%	98.1%
FXLEDSB33		3.7%	99.9%	10.4%	96.8%
FXLEDSB55		3.6%	99.9%	10.3%	96.8%
FXLEDM	346W	7.9%	99.7%	6.5%	96.5%
FXLEDMB33		7.3%	99.7%	7.0%	96.4%
FXLEDMB55		7.3%	99.7%	6.4%	96.6%
FXLEDL	534W	2.9%	99.9%	8.2%	98.4%
FXLEDLB33		3.3%	99.9%	7.3%	98.4%
FXLEDLB55		3.3%	99.9%	7.5%	98.4%

MODEL#	WATTS	THD	PF
		480V	
FXLEDS/480	168W	3.8	97.1%
FXLEDSB33/480		5.2	97.0%
FXLEDSB55/480		5.1	97.0%
FXLEDM/480	346W	4.5	97.3%
FXLEDMB33/480		4.9	97.5%
FXLEDMB55/480		5.1	97.5%
FXLEDL/480	534W	6.1	95.6%
FXLEDLB33/480		3.2	97.0%
FXLEDLB55/480		2.6	97.0%

Note: All values are typical (tolerance +/- 10%)

FXLED Field-Adjustable Floodlights



TECHNICAL SPECIFICATIONS (CONTINUED)

OPTICAL

NEMA Type

NEMA Beam Spread:

6H X6V available for XS & S

7H x 6V available for M & L

3HX3V available for M & L

5HX5V available for M & L

OTHER

Warranty

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty. to be made BAA compliant.

Lifespan

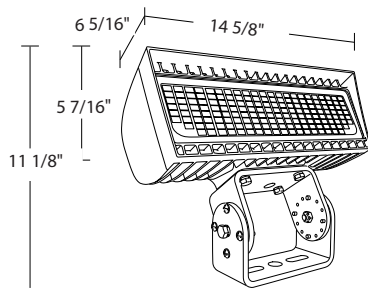
100,000-hour LED lifespan based on IES LM-80 results and -21 calculations

DIMENSIONS

FXLEDXST : 80W/60W/40W

FXLEDST : 169W/132W/97W/69W

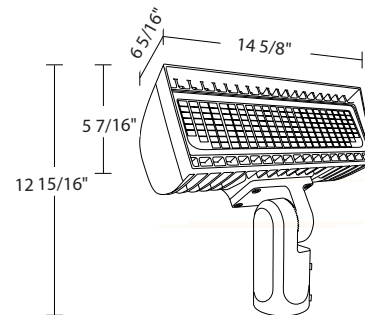
Weight 20.2 lbs (With Trunnion Mount)



FXLEDXSSF : 80W/60W/40W

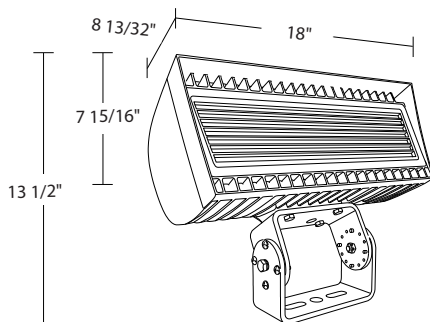
FXLEDSSF : 169W/132W/97W/69W

Weight 16.5 lbs (With Slipfitter Mount)



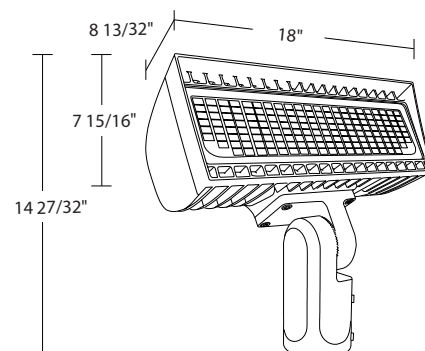
FXLEDMT : 346W/213W

Weight 35.6 lbs (With Trunnion Mount)



FXLEDMSF : 346W/213W

Weight 31.7 lbs (With Slipfitter mount)



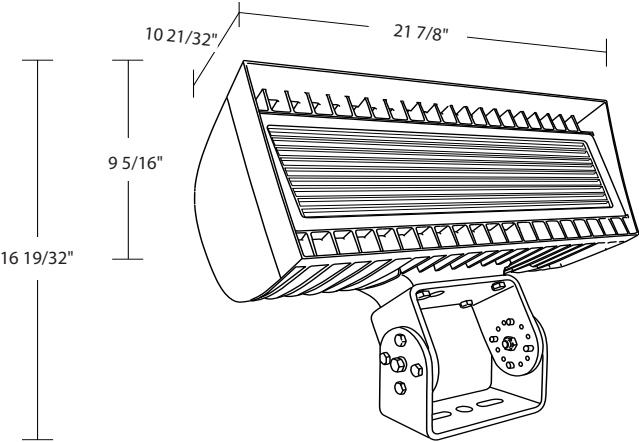
FXLED Field-Adjustable Floodlights



DIMENSIONS (CONTINUED)

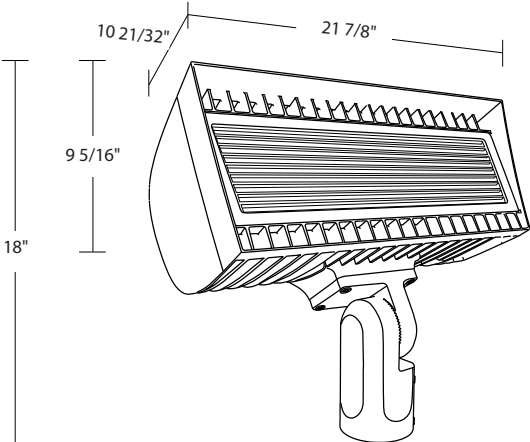
FXLEDLT : 534W/445W

Weight 59 lbs (With Trunnion Mount)



FXLEDLSF : 534W/445W

Weight 54.6 lbs (With Slipfitter Mount)



ORDERING MATRIX

FXLED

Family	Size / Selectable Watts	Color Temperature	NEMA Type	Mounting	Finish	Driver	Options						
FXLED													
XS	80/60/40W	BLANK	4000/5000K	BLANK	6HX6V (XS & S)	SF	Slipfitter	BLANK	Bronze	BLANK	120-277V,	BLANK	No Option
S	168/132/97/69W		Selectable		7HX6V (M & L)	T	Trunnion	W	White		0-10V Dimming	/7PR	7 Pin Receptacle
M	346/213W				3HX3V*						480V,		
L	534/445W				5HX5V*						0-10V Dimming		

*Only available on M & L models