

# FAR - Fidelux Area Light Series



## Product Description

This slick and modern luminaire has been designed to handle any environment. With a beautiful slimline design along with one of the highest lumen performances on the market, this versatile fixture can be used with many applications and is offered with a multitude of mounting options, surge protection devices, photocell capability, and the most advanced LEDs on the market, FAR Series is ready to conquer the lighting landscape.

## Features & Benefits

- One piece die-cast aluminium body with die-cast hinge panel for easy installation access
- The most technologically advanced LED chips in the market
- UV stabilized powder coated Bronze finish
- Optional Type III, Type IV, Type V optics

## Options

- Optional 347V / 480V
- Bi-Level Dimming Sensor with Hand-Held Remote control for Field Programming
- Photo-control optional available
- Standard 10kVA surge protection
- Vibration Resistance: 3G rated for ANSI C136.31 high vibration

## Applications

- Street & Tunnel
- Park
- Gas Station
- Parking

## Mounting Options

- Pole Mount / Sq to Round Adapter available
- Trunnion Mount
- Slip Fit Mount
- Large U Bracket Mount on Stamped Heavy-Duty Steel Yoke

## Regulatory & Voluntary Qualifications

- UL, Wet Location
- Most of our products are DLC listed, qualifying them for the highest rebates. Please check individual product specs for DLC status. Refer to DLC website by clicking this link: <https://www.designlights.org>



## Performance Summary

Efficacy up to: 139 l/pw

CRI up to: 88.4 cri

CCT: 3000K (No DLC 100w, 180w & 300w) / 4000K / 5000K

Dimming: 1-10vac

IP Rating: IP65

Operating Temp: -40 - +40C

Input Voltage: 100-277vac / 347-480vac

Operating Frequency: 50-60Hz

Power Factor: >9.93%

Default sensor settings: Detection:100%; Time delay: 15min; Daylight: 5FC; Dimming level: 30%; Dimming time: 30 min



## FAR Series Specification Summary

Product Number	FAR-75W-T5	FAR-100W-T5	FAR-150W-T5	FAR-180W-T5	FAR-220W-T5	FAR-300W-T5
Efficacy: l/pw	139	135	121	121	139	126
Wattage	73	101	148	178	220	308
Lumens @ 3000K	9500	13,000 (No DLC)	17,885	20818 (No DLC)	31,000	38,080 (No DLC)
Lumens @ 4000K	10,000	13,200	17,885	20818	31,000	38,080
Lumens @ 5000K	10,136	13,532	18,489	21521	31,129	38,500
CRI	83.1	83.1	84.6	84.9	88.4	84.1
THD @ 120VAC	5.75%	4.8%	9.93%	4.04%	4.89%	4.71%
CCT/Kelvin Temp Options	30K (No DLC 100w, 180w & 300w), /40K/50K					
IP Rating	IP65					
Dimming	0-10vac Dimming					
Input Voltage Options	100-277VAC - 347/480VAC (no DLC)					
Compliance	UL, DLC Premium 4.4					
Power Factor	>0.99	>0.99	>0.99	>0.99	>0.99	>0.99
Projected Lifetime Hrs	Lifetime Hours (TM21 Calculated) - (L70) 188,000+ / (L80) 155,000+					
Mounting Options	PM, SF, YM, TR	PM, SF, YM, TR	PM, SF, YM, TR	PM, SF, YM, TR	PM, SF, YM, TR	PM, SF, YM, TR
Ambient Working Temp	-40°C to +40°C Ambient					
Max Dimensions (in)	13" x 21.1"	13" x 17.6"	13" x 17.6"	13" x 17.6"	13" x 21.1"	13" x 21.1"
Total Weight	6.05 lbs - 24.2 lbs	6.05 lbs - 24.2 lbs	6.05 lbs - 24.2 lbs	6.05 lbs - 24.2 lbs	8.5 lbs - 34 lbs	8.5 lbs - 34 lbs
Limited Warranty	7 Yrs with option for 10 Yrs					

*Actual production units may vary from the values reported here by up to ±10%.*

## FAR Series Product Ordering Guide

Example: FAR-100W-40-Blank-T3-SESD-PM-PMA-BZ

Product	Color Temp	Input Voltage	Distribution	Controls	Mounting	Finish
FAR-75W	30 (3000K) (No DLC 100w, 180w & 300w)	Blank (120-277vac)	T3 (Type III)	Blank (Fixture comes standard with No Options)	PM (Pole Mount)	BZ (Bronze)
FAR-100W		H1 347/480V for 75w, 100w, 150w	T4 (Type IV)	SESD (PIR Step Dim Occupancy / Daylight Harvesting Sensor)	SF (Slip Fit Mount)	Consult Customer Service Manager (Grey, Black & Custom colors Quotes and lead times per CSM)
FAR-150W	40 (4000K)	H2 347/480V for 180w, 225w, 300w	T5 (Type V)	SESD-RC (Hand-held Remote for SESD)	YM (U Bracket, Yoke)	
FAR-180W				PC1 (120/277v 3-pin Twist Lock Photocell)	TR (Trunnion Mount)	
FAR-220W	50 (5000K)	10Kva Surge protector as standard		3PR (3-pin Receptacle)		
FAR-300W				5PR (5-pin Receptacle) 7PR (7-pin Receptacle) SC1 (Shorting Cap up to 480v)	PMA (SQ-Round PM Adapter)	

Default sensor settings: Detection:100%; Time delay: 15min; Daylight: Disabled; Dimming level: 30%; Dimming time: 30 min

## Mounting Options (Field Installed)

PM	Pole Mounting - Die-Cast Mounting Arm, Bronze Powdercoat Finish, Includes Hardware, Mounts Directly to Square Poles
SF	Slip Fit Mounting - External Mount Die-Cast Adjustable Slipfitter for 2 3/8 Tenons, Bronze Powdercoat Finish, Includes Hardware
YM	Large U Bracket Mounting - Stamped Heavy-Duty Steel Yoke, Bronze Powdercoat Finish, Includes Hardware
TR	Trunnion Mount
PMA	Square to Round Pole Adapter for use with 4" or 5" Round Poles <i>(Use with PM mount option)</i>



### Pole Mount

Die-Cast Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Mounts Directly to Square Poles.



### Trunnion

Heavy Duty Steel Bracket, 3.5mm. Adjustable aiming over 180 degree arc. Bronze Powdercoat Finish. Includes Hardware.



### Slip Fitter

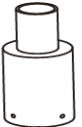
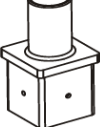
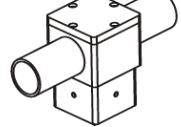
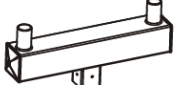
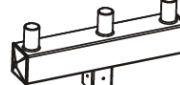

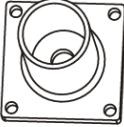
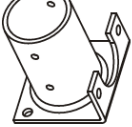
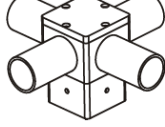

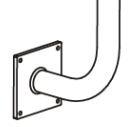
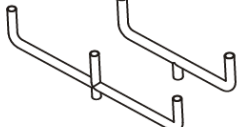
External Mount Die-Cast Adjustable Slipfitter for 2 3/8 Tenons, Bronze Powdercoat Finish, Includes Hardware.









### Yoke Mount

Stamped Heavy-Duty Steel Yoke, Bronze Powdercoat Finish, Includes Hardware.


## Mounting Accessories - Field Installed, \*Special Order Items\* (Enter as separate line item on order)

AR-RD-1TENON 	AR-SQ-1 	AR-SQ-2TENON180 	AR-SQ-TUBE-2RTX 	AR-SQ-TUBE-3RTX 	AR-SQ-TUBE-4RTX 
AR-SQ-BRK-TENON 	AR-SQ-LBK-TENON 	AR-SQ-4TENON 	AR-SQ-BRK-LTNO 	AR-SQ-BRK-LRTNO 	AR-HORN-2/3 


## EPA (Effective Projected Area)

Configuration						
	1	2@180°	2@90°	3@90°	3@120°	4@90°
FAR-75W, FAR-100W, FAR-150W, FAR-180W						
EPA (Sq. Ft.)	0.51	1.02	0.91	1.42	1.65	1.65
Weight (Lbs.)	6.05	12.10	12.1	18.15	18.15	24.20
FAR-220W, FAR-300W						
EPA (Sq. Ft.)	0.55	1.10	0.95	1.50	1.74	1.74
Weight (Lbs.)	8.50	17.00	17.00	25.50	25.50	34.00

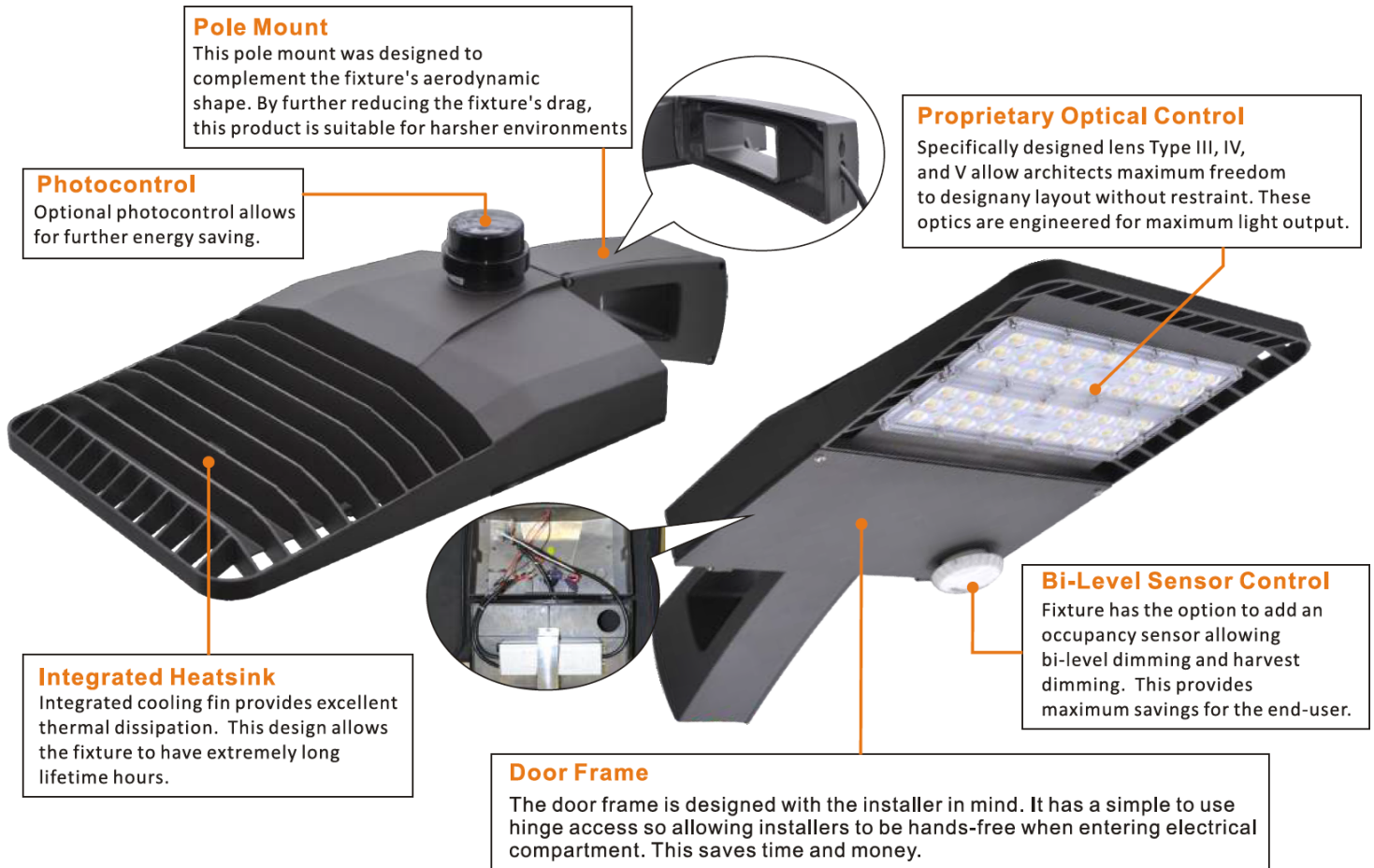
## Performance Data

FAR-75W, FAR-100W, FAR-150W, FAR-180W	System Watts	Dist. Type	Lumens	Lpw	B	U	G
	75W	Type III	9000 lm**	139 l/pw	3	1	3
	75W	Type IV	9500 lm**	139 l/pw	3	1	2
	75W	Type V	10136 lm**	139 l/pw	3	1	1
	100W	Type III	13000 lm**	135 l/pw	3	1	3
	100W	Type IV	13100 lm**	135 l/pw	3	2	3
	100W	Type V	13530 lm**	135 l/pw	4	1	2
	150W	Type III	17880 lm**	121 l/pw	3	1	3
	150W	Type IV	17885 lm**	121 l/pw	3	1	3
	150W	Type V	18000 lm**	125 l/pw	4	1	2
	180W	Type III	20818 lm**	121 l/pw	X	X	X
	180W	Type IV	20687 lm**	118 l/pw	X	X	X
	180W	Type V	21521 lm**	117 l/pw	X	X	X

## Performance Data

FAR-220W, FAR-300W	System Watts	Dist. Type	Lumens	Lpw	B	U	G
	220W	Type III	27300 lm**	139 l/pw	4	2	5
	220W	Type IV	27800 lm**	139 l/pw	4	2	3
	220W	Type V	28700 lm**	139 l/pw	5	2	2
	300W	Type III	37042 lm**	126 l/pw	4	2	5
	300W	Type IV	37808 lm**	126 l/pw	4	2	3
	300W	Type V	38080 lm**	126 l/pw	5	2	2

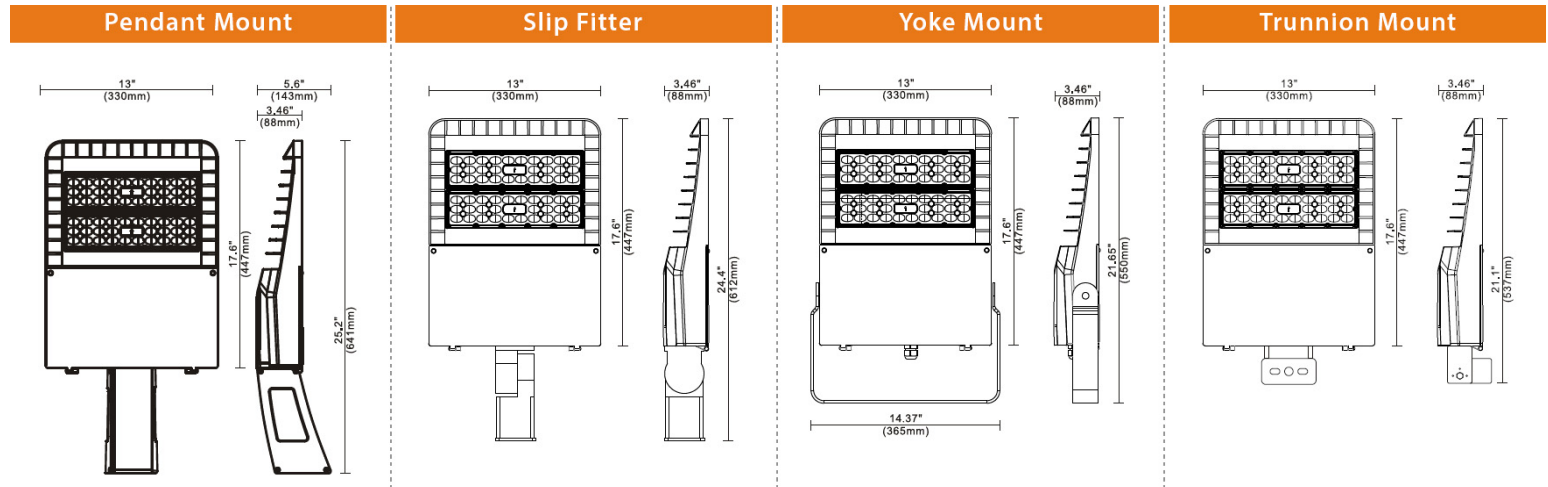
## FAR Series Design Details



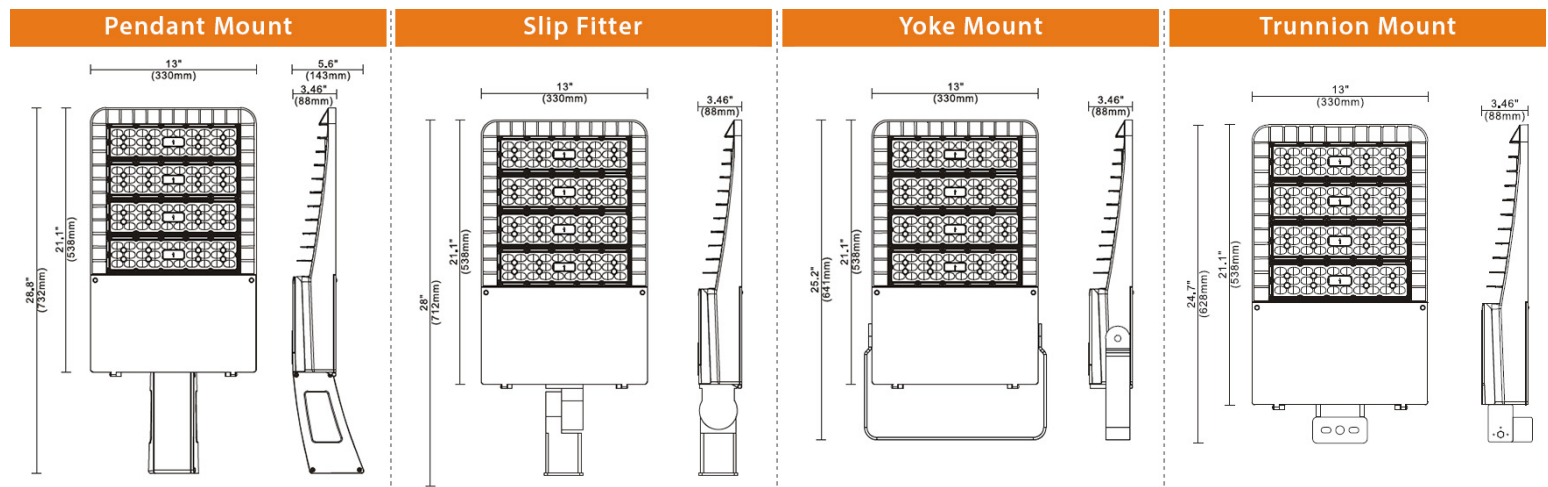


## FAR Series Dimension

### FAR Series 75W, 100W, 150W & 180W



### FAR Series 220W & 300W





## FAR Series Installation Instructions

For all FAR Series

### IMPORTANT

Read carefully before installation and retain for future reference.

Thoroughly inspect the fixture for any freight damage; Freight damage should be reported to the delivery carrier.

The fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. This product MUST be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product.

This product SHALL be surface mounted with junction box on non-combustible surface above 4 feet high.

User should prepare necessary accessories and spare parts (not provided), including junction box and screws.

This luminaire is designed for outdoor lighting applications with ambient temperatures not exceeding 40°C.

### WARNING

**RISK OF ELECTRIC SHOCK.** Make sure power supply is OFF before installing or maintaining fixture. No user serviceable parts inside.

Never perform maintenance or cleaning while fixture is energized. Disconnect power and let fixture cool before maintaining. A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the optical system. Any accumulation of dust or dirt should be removed regularly.

Dangerous voltage exist within the unit and all precautions usually observed in handling high voltage equipment should be observed when replacing light engine or otherwise servicing luminaires. Disregarding this warning can cause electric shock and possible injury to the individual installing or servicing the equipment.