



OVERVIEW

The FALB Series Area Light is a high performance LED fixture comes with compact design and reasonable cost to allow it to fit in a great variety of applications, and for a faster return on investment.

APPLICATIONS

This light can be used for outdoor applications; as a pole mounted area light with various types of distribution including Type II, Type III, or Type V. This light can also be used as a flood light.

FEATURES

- Limited Warranty: 5 Years
- Efficacy: up to 131 LPW
- Lumen Output: 10127- 37360 LM
- Wattage: 80 - 300 W



Project:

Type:

Prepared By:

Date:

Models

Model	Watts(W)	Lumens (LM)	Efficacy (LPW)
FALB080	80	10,127	131
FALB100	100	12,363	126
FALB120	120	15,403	126
FALB150	150	18,668	122
FALB185	185	23,508	128
FALB240	240	29,542	124
FALB300	300	37,360	118

*Lumen Output based on universal voltage models at 5000K

Technical Specifications

Warranty

Paclights warrants these LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please refer to our full warranty.

Qualifications

UL Listed:

E473037

IESNA LM79 & LM-80 Testing:

Paclights LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Qualification:

Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities.

To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

Construction

IP Rating:

Ingress Protection rating of IP65 for dust and water

Ambient Temperature:

Suitable for up to 113° F (45° C) ambient temperature

Cold Weather Starting:

The minimum starting temperature is -4° F (-20° C)

Thermal Management:

Superior thermal management with external Air-Flow fins.

Housing:

Die-cast aluminum housing

Lens:

Polycarbonate

Mounting Methods:

Various Mounting Options (see page 2)

Green Technology:

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Gaskets:

Silicon Gaskets

Finish:

Our environmentally friendly polyester powder coating are formulated from high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

LED Characteristics

Lifespan:

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

LEDs:

Multi-chip, high-output, long-life LEDs

Color Stability:

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

Color Temp:

4000 K (Natural white), 5000 K (Daylight), 5700 K

Color Uniformity:

Paclights range of CCT follows the guidelines of the American National Standards for the Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANCI c78.377.2011

Color Rendering Index:

>70

Electrical

Drivers:

120-277V, 50-60 Hz, Power Factor > 90%

0-10 V Dimmable (all except FALB080/ FALB100)

(optional) HV of 480V

Ordering Matrix

Model	Wattage	Color Temperature	Voltage	Lighting Distribution	Mount	Optional Add-ons
FALB	080	50	LV	T3	SF	SP
	080 = 80 W	40 = 4000 K	LV = 100-277V	T3 = Type III (85°x150°) [default]	SF = Slipfitter Mount	SP = Surge Protector
	100 = 100 W	50 = 5000 K	HV = 480V	T2 = Type II (85°x135°)	TM = Trunnion Mount	PL = AC-ALB-PL Photocell Assembly
	120 = 120 W	57 = 5700 K		T5 = Type V (120°)	AM = Arm (Round or Square Pole)	
	150 = 150 W			90 = Flood (90°)	FM = Flood Mount	
	185 = 185 W			60 = Flood (60°)		
	240 = 240 W			40 = Flood (40°)		
	300 = 300 W					

