



PROJECT

TYPE

DATE

ITEM NO.

NOTE

LED SLIM HIGH PERFORMANCE AREA LUMINAIRE

ALSF Series

Area Luminaires

DESCRIPTION

The ALSF Series LED Area Luminaire is a high-performance, IP65-rated luminaire that produces a minimum of 160 lumens per watt, providing significant energy savings while remaining durable in the field. The lightweight design can be easily installed for new and retrofit outdoor applications and is available in a wide range of lumen packages to replace traditional metal halide lighting from 150W to 1000W. It can also be combined with a full, architectural-grade LED sample to create a wide range of total site solutions.

APPLICATION

The ALSF Series is ideal for parking structures, auto dealerships, recreational spaces, roadways, and outdoor aisles.



SPECIFICATION FEATURES

Construction

The housing is die-cast weather-tight LED driver compartment heat sink to obtain the maximum thermal dissipation. Outer surface treated with durable powder coating to provide resistance to corrosion, rust, weathering, and UV degradation. Rated IP65, suitable for wet locations. 4KV surge protection and shorting cap comes standard.

Mounting

ALSF offers different mounting options, including adjustable slip fitter, round pole mount for 4"-5" pole, square pole mount for 4" or larger pole, and adjustable trunnion U-bracket. EPA rating is 0.41 sq.ft.(w/ pole mount)

Controls

Suitable for use with photocell and High/Low/Off microwave fixture-integrated motion sensor to achieve deeper energy-savings and code compliance.

Electrical

Luminaire utilizes long life, high efficacy LEDs and reliable LED driver. Operating temperatures is -40°F-104°F and 120-277V input voltage for increased versatility.

Optics

Precision-formed optical lens system reduces glare and improves safety and security by delivering high efficiency illumination with precise optical distribution. Type III distribution comes standard. Type IV, and Type V optics available upon request. Full cutoff light fixture.

Certifications / Regulatory

UL/cUL listed. All components used have UL approval. IP65 rated.

Warranty

7-year limited warranty. See complete warranty terms for details.

Quick Ship Product

- ALSFL-63/40K
- ALSFL-93/50K
- ALSFL-130/50K
- ALSFL-140/50K
- ALSFH-196/50K
- ALSFH-235/50K
- ALSFH-255/50K
- ALSFH-258/50K

ORDERING INFORMATION

Sample Number: **ALSFL-130/50K**

Series	Lumen Package		CCT	Input Voltage	Optics
ALSF - Slim High Performance Area Luminaire	L-63	H-196	40K - 4000K	(Blank) - 120-277V C - 120-347V H - 347-480V	(Blank) - Type III T4 - Type IV T5 - Type V
	- 63W, 10170lm	- 196W, 30122lm	50K - 5000K		
	L-93	H-235			
	- 93W, 14820lm	- 235W, 39692lm			
	L-130	H-255			
	- 130W, 20878lm	- 255W, 42237lm			
	L-140	H-258			
	- 140W, 22718lm	- 258W, 42696lm			

Color	Control Option	Accessories
(Blank) - Dark Bronze WH - White BK - Black	PS - Photocell Sensor (Field install) MMS - Multifunction Motion Sensor (Field install) (Required RC-100 Sensor Configuration Tool) SPD - 10KV Surge Protection Device: SPD-(10/20KV)-ZP	ALSF-MASF - Adjustable Slip-fitter ALSF-MRPM - Round Pole Mount for 4" to 5" ALSF-MSPM - Square Pole Mount for 4 or larger ALSF-MAUB - Adjustable Trunion bracket ALSFL-HSS - House Side Shield For ALSFL ALSFH-HSS - House Side Shield For ALSFH (above accessories required field install)

SUMMARY

Input Voltage	100-277V
Input Power	See energy data for details
Power Factor	> 0.9
THD (Max.)	<20%
Efficacy	160 LPW
Delivered Lumens	See energy data for details
Controls/ Dimming	1-10V dimming Standard
CRI	>70
CCT	4000K, 5000K
Operating Temp.	-40°F ~ 104°F (-40°C ~ +40°C)
Rated Life	70,000 hours
IP Grade	IP65

ENERGY PERFORMANCE DATA

Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
ALSFL-63	63	10,170	161
ALSFL-93	93	14,820	159
ALSFL-130	130	20,878	160
ALSFL-140*	140	22,718	162
ALSFH-196	196	30,122	154
ALSFH-235	235	39,692	169
ALSFH-255*	255	42,237	165
ALSFH-258	258	42,696	166

* H 347-480Vac input version

MOUNTING INFORMATION



PHYSICAL PARAMETERS

DIMENSION

