

F16S-L MINI FLOOD

The F16S-L series is a family of highly efficient and affordable compact flood lights available in three different lumen packages. Each fixture has a modern thin design with an aluminum housing and comes standard with a black powder coat finish. Typical applications include both commercial and residential environment: backyards, walkways as well as flood lighting of signs and building fronts.



FEATURES & SPECIFICATIONS

CONSTRUCTION

Housing

Aluminum housing comes standard in a black powder coat finish.

Mounting options

The fixture comes with either a knuckle mount or a yoke mount.

Lens








Tempered glass lens is standard in this product series.

ELECTRICAL

- The drivers allow input from 120 V and is reliable in the coldest of temperatures
- The F16S-L flood is suitable for ambient temperature range of -40°C to +50°C. Available in 4 000 K color temperature with a lumen per watt ratio of 110 lm/W to 117 lm/W depending on the lumen package.

COMPLIANCES

- IP65
- Wet location
- Meets requirements of ICES-005 issue 5 for class B products
- cETLus

OVERVIEW			
LIGHT SOURCE	LED	EFFICACY (LM/W)	110 - 112
WATTS [W]	30, 50	COLOR TEMPERATURE [K]	4 000
LUMEN OUTPUT [LM]	3 207 - 5 674	CRI	70
<div>   QUICKSHIP  LED  WET LOCATION  65 IP RATING  ICES 005  </div>			

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.
 All products are subject to change or may be discontinued any time without notice.

F16S-L

QUICK SHIP ORDERING GUIDE

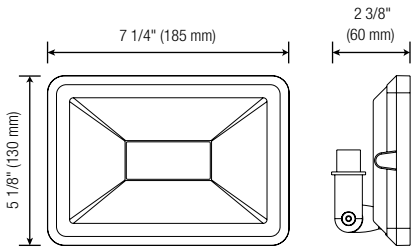


PART NUMBER	WATTS [W]	VOLTS [V AC]	COLOR TEMP. [K]	LUMEN [LM]	EFFI- CACY [LM/W]	CRI	BEAM ANGLE [°]	FINISH	LED CURRENT [MA]	PF	THD [%]	TRADITIONAL EQUIVALENT		CASE QTY [MAS- TER]
												[W] MH	[W] HPS	
F16S-LA3-4/40KNPT1	30	120	4 000	3 207	110	70	120	BLACK	115	0.97	23	100	70	20
F16S-LA4-4/40KNPT1	50	120	4 000	5 674	112	70	120	BLACK	92	0.98	21	175	150	20

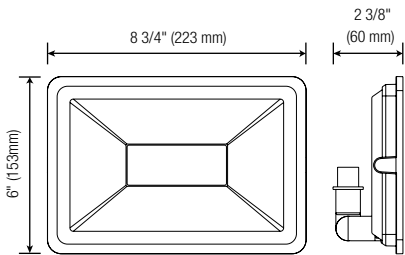
QUICK SHIP: Product availability is subject to change without notice. Please contact your AimLite customer service representative to confirm inventory levels at time of order.

DIMENSIONS KNUCKLE MOUNT

A3 LUMEN
PACKAGE



A4 LUMEN
PACKAGE

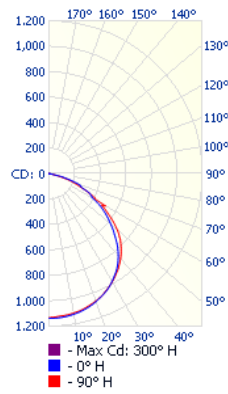


F16S-L

PHOTOMETRIC DATA¹

F16S-LA3-4/40K/XXXX • 3 040.1 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

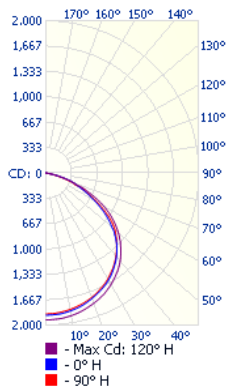
ZONE	LUMENS	% FIXTURE
0-30	899.4	29.6%
0-40	1 484.0	48.8%
0-60	2 588.6	85.1%
60-90	451.5	14.9%
0-90	3 040.1	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
17.0'	3.95		42.0'	52.1'
34.0'	0.99		84.0'	104.2'
51.0'	0.44		126.0'	156.3'
68.0'	0.25		168.1'	208.4'
85.0'	0.16		210.1'	260.5'
102.0'	0.11		252.1'	312.6'
■ Vert. Spread: 102.0° ■ Hor. Spread: 113.7°				

F16S-LA4-4/40K/XXXX • 5 250.8 LM

POLAR CANDELA DISTRIBUTION



ZONAL LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0-30	1 486.5	28.3%
0-40	2 465.0	46.9%
0-60	4 401.7	83.8%
60-90	849.1	16.2%
0-90	5 250.8	100%

ILLUMINANCE AT A DISTANCE

CENTER BEAM FC			BEAM WIDTH	
17.0'	6.49		48.1'	52.3'
34.0'	1.62		96.2'	104.6'
51.0'	0.72		144.3'	156.9'
68.0'	0.41		192.4'	209.3'
85.0'	0.26		240.5'	261.6'
102.0'	0.18		288.5'	313.9'
<div>■ Vert. Spread: 109.5° ■ Hor. Spread: 114.0°</div>				

¹ Complete IES files available on our website.