

FSL LED DECORATIVE FLOOD

Cat.#

Job

Type



HUBBELL
Outdoor Lighting

Approvals

SPECIFICATIONS

Intended Use:

Ultra compact flood with wide beam NEMA 6 x 6 distribution for lighting applications such as safety/security, facade, area, or signs; operating temperature of -35°C to 40°C

Construction:

- Rugged die-cast aluminum housing with dark bronze finish
- High impact UV stabilized acrylic outer lens protects LEDs and allows for cleaning/debris removal
- Vented housing isolates LED module from driver maximizing product life and performance
- Visor and vandal shield available

LED:

- 7 high powered LEDs deliver 2040 lumens
- 5100K CCT, 67 CRI

Optical/Electrical

- Wide flood NEMA 6 x 6 distribution for general purpose flood and facade lighting
- 120-277V operation, 50/60Hz (PC version 120V only) 26.5w, 1050mA, 78 LPW
- IP66 and RoHS compliant driver
- 0-10V dimming driver

Installation:

- Traditional 1/2" x 14 NPS threaded adjustable knuckle mounting

Listings:

- Meets DesignLights Consortium (DLC) qualifications
- Lighting Facts
- IP66, Listed to UL1598 for use in wet locations

Warranty:

For more information visit:
<http://www.hubbelloutdoor.com/resources/warranty/>

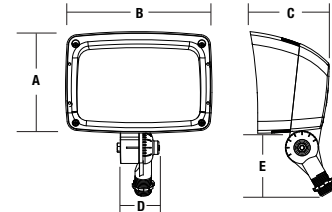
PRODUCT IMAGE(S)



NEW



DIMENSIONS



A	B	C	D	E	Weight
4.5"	7.5"	4.0"	1.15"	3.5"	6 lbs.
114 mm	190 mm	102 mm	29 mm	89 mm	2.7 kg

CERTIFICATIONS/LISTINGS



IP66

SHIPPING INFORMATION

Catalog Number	G.W(kg)/CTN	Carton Dimensions		
		Length Inch (cm)	Width Inch (cm)	Height Inch (cm)
FSL-7 (Single carton 1pc.)	2.66	9.45"	7.87"	6.69"
FSL-7 (Master carton 2 pcs.)	5.31	16.54"	10.04"	7.68"

Carton dimensions for shipping purposes only

ORDERING INFORMATION

Catalog Number	Mount	Max Candle Power	Beam Pattern	Wattage	Drive Current	Voltage	Color Temperature	Lumens	LPW	Weight lbs. (kg)
FSL-7	1/2" thread	1450	Wide	26.5	1050mA	120-277V	5100K	2040	77	6 (2.7)
FSL-7-PC1	1/2" thread	1450	Wide	26.5	1050mA	120V	5100K	2040	77	6 (2.7)

ACCESSORIES/REPLACEMENT PARTS - Order Separately

Catalog Number	Description
FSL-SPC	Polycarbonate lens (Replaces existing acrylic fixture lens)
FSL-VISOR-XX ¹	Top/Bottom visor (Tap holes in lens frame for field installation)
93047942AC	Acrylic lens w/ gasket
93047957	25w, Driver, 1040mA
20750110264	Knuckle mount Dark Bronze finish. Contact factory for additional finishes
S-302	Slipfits 1 1/2" or 2" pipe (1.9" OD or 2 3/8" OD) with 1/2" N.P.S.M. hub; Gray
S-302-M51	Slipfits 1 1/2" or 2" pipe (1.9" OD or 2 3/8" OD) with 1/2" N.P.S.M. hub; Bronze
S-302-M52	Slipfits 1 1/2" or 2" pipe (1.9" OD or 2 3/8" OD) with 1/2" N.P.S.M. hub; White

¹ Specify finish color to match fixture, e.g. DB - Bronze.



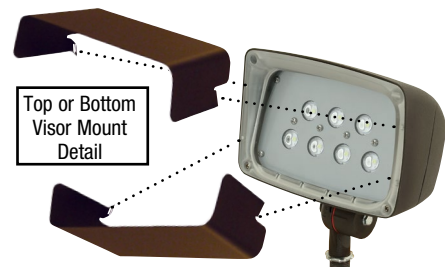
FSL-SPC



FSL-VISOR - 3/4 View



Front View



Top or Bottom
Visor Mount
Detail



S-302-XXX



HUBBELL
Outdoor Lighting

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Due to our continued efforts to improve our products, product specifications are subject to change without notice.

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FSL7LED-SPEC 12/14

PERFORMANCE DATA

# OF LEDS	DRIVE CURRENT (MILLIAMPS)	SYSTEM WATTS	DISTRIBUTION TYPE	5K (5100K nominal, 67 CRI)				
				NEMA	FIELD ANGLE H° X V°	LUMENS	LPW	MAX BEAM CANDLEPOWER
7	1050mA	26.5W	W	6 X 6	108 X 106	2040	77	1450

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown. Actual performance may differ as a result of end-user environment, application and inherent performance tolerances of the electrical components.

LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

AMBIENT TEMPERATURE		LUMEN MULTIPLIER
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99
50°C	122°F	0.98

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

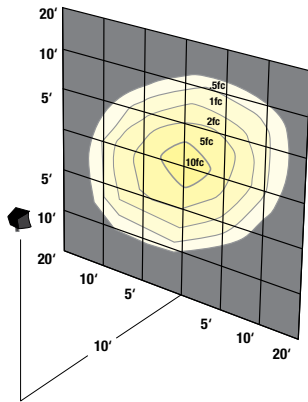
PROJECTED LUMEN MAINTENANCE

AMBIENT TEMP.	OPERATING HOURS					Calculated L70 (HOURS)
	0	25,000	50,000	TM-21-11 60,000	100,000	
40°C / 104°F	0.99	0.91	0.85	0.84	0.76	>137,000

ELECTRICAL DATA

# OF LEDS	NUMBER OF DRIVERS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (W)
7	1	1050mA	120	0.23	26.5
			277	0.11	26.5

PHOTOMETRICS For additional photometric information and IES downloads, visit our web site at www.hubbelloutdoor.com



LIGHTING FACTS

Hubbell Outdoor Lighting

LED lighting facts
A Program of the U.S. DOE

Light Output (Lumens) **2040**
Watts **26.5**
Lumens per Watt (Efficacy) **76**

Color Accuracy **71**
Color Rendering Index (CRI)

Light Color **5280 (Daylight)**
Correlated Color Temperature (CCT)

Warm White
2700K

Bright White
3000K

Daylight
4500K

6500K

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: A25K-TNWWx7 (10/3/2013)
Model Number: FSL-7
Type: Luminaire - Directional