



FACTOR FSL

DECORATIVE FLOOD

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

FEATURES

- Vented housing design isolates LED module from driver for long life and improved performance
- NEMA distributions: Narrow (3x3), Medium (4x4), Rectangular Medium (5x4) and Wide (6x6)
- Photocontrol available for energy savings
- Universal 120-277V 50/60 Hz
- IP66, listed to UL1598 for use in wet locations
- Visor and vandal lens accessories available
- Seven standard finishes: Dark Bronze, Black, Gray, White, Platinum, Red and Forest Green



IP66



RELATED PRODUCTS

- Factor FML Factor FLL Factor FXL

SPECIFICATIONS

CONSTRUCTION

- Corrosion resistant, rugged die-cast aluminum housing with powder coat paint finish
- High impact UV stabilized acrylic outer lens protects LEDs and allows for cleaning and debris removal
- Vented housing isolates LED module from driver, maximizing product life and performance
- Visor and vandal lens available

OPTICS

- 10 high powered LED's
- MTO Versions: 3000K CCT nominal with 80 CRI, 4000K and 5000K CCT nominal with 70 CRI
- Variety of NEMA distributions: - N (3x3), M (4x4), RM (5x4) and W (6x6) - for wide range of lighting applications; Stock version Wide (6x6) only

INSTALLATION

- Traditional 1/2" x 14 NPS threaded adjustable knuckle mounting
- Easy maintenance access to electrical components with removal of 4 screws from back of fixture housing.

ELECTRICAL

- Ambient operating temperature -35°C to 40°C
- Stock Versions: 4000K and 5000K CCT
- 120-277V operation, 50/60Hz
- Driver IP66 and RoHS compliant
- Comes standard with 10KV surge protection device
- 0-10V dimming driver standard, continuous dimming option to have leads pulled out for easy connection

CERTIFICATIONS

- IP66
- Listed to UL1598 for use in wet locations
- DLC Qualified (4000K and 5000K models only); Consult DLC website for more details: <http://www.designlights.org/QPL>

WARRANTY

- 5 year limited warranty
- See [HLI Standard Warranty](#) for additional information

KEY DATA

Lumen Range	14,94–22,259
Wattage Range	25
Efficacy Range (LPW)	71–110
Fixture Projected Life (Hours)	L70>136K
Weights lbs. (kg)	2.66 (1.2)



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ORDERING GUIDE

Example: LNC2-9L-3K-2-U-DB-PCU

CATALOG #

ORDERING INFORMATION

Series	# LEDs	Watts	CCT	CRI	Distribution	Voltage	Mounting	Finish
FSL Factor Flood Small	10L 10 LEDs	25 25W	3K 3000K 4K 4000K 5K 5000K	7 70 CRI 8 ² 80 CRI	N 3x3 M 4x4 RM 5x4 W 6x6	U 120V-277V 1 120V 2 208V 3 240V 4 277V	K Knuckle	DB Bronze BL Black WH White GR Gray PS Platinum Silver CC Custom Color

Control Options	Options
PC ¹ Photocontrol (voltage specified and determined by voltage field) CD Continuous dimming	F ¹ Fuse & Fuse-Holder (not available with Battery Backup)

- Notes:
- 1 PC - photocell and F - Fusing options cannot be combined, only available as separate options
 - 2 80 CRI only available on 3K configurations

STOCK ORDERING INFORMATION

Catalog Number	Mount	Max Candle Power	Beam Pattern	Wattage	Drive Current	Voltage	Color Temperature	Lumens	LPW	Weight lbs. (kg)	Finish
FSL-25	1/2" thread	1814	Wide	25	700mA	120-277V	5000K	2664	106.5	6 (2.7)	Bronze
FSL-25-PCU	1/2" thread	1814	Wide	25	700mA	120-277V	5000K	2664	106.5	6 (2.7)	Bronze
FSL-25-4K	1/2" thread	1794	Wide	25	700mA	120-277V	4000K	2406	92.5	6 (2.7)	Bronze
FSL-25-4K-PCU	1/2" thread	1794	Wide	25	700mA	120-277V	4000K	2406	92.5	6 (2.7)	Bronze

REPLACEMENT PART - MADE TO ORDER

Catalog Number	Description
☐ FSL-SPC	Vandal resistant polycarbonate lens (Replaces existing acrylic fixture lens)
☐ FSL-VISOR-XX*	Top/Bottom visor (Tap holes in lens frame for field installation)
☐ 93047942AC	Acrylic lens w/ gasket
☐ 93047957	FSL7, 25w, 120-277V Dimming driver, 1050mA
☐ 93043808	FSL10, 25w, 120-277V Dimming driver, 700mA
☐ 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
☐ TRN-XX*	Trunnion adaptor for 1/2" threaded knuckle mount

- Notes:
- * Specify finish color to match fixture, e.g. DB - Bronze



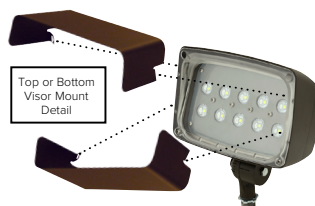
FSL-SPC



FSL-VISOR - 3/4 View



Front View



S-302-XXX



TRN-XX



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PERFORMANCE DATA – MTO

# Of LEDs	Nominal Wattage	System Watts	Dist. Type	NEMA	Field Angle H° x V°	5K (5000K NOMINAL 70 CRI)			4K (4000K NOMINAL 70 CRI)			3K (3000K NOMINAL 80 CRI)		
						Lumens	LPW*	Max Beam Candlepower	Lumens	LPW*	Max Beam Candlepower	Lumens	LPW*	Max Beam Candlepower
10	700mA	25w	N	3x3	32x32	2735	110	22259	2583	108	20172	2007	84	17546
			M	4x4	54x54	2742	109	8210	2511	105	7162	2008	84	5761
			RM	5x4	85x85	2250	88	2124	2124	89	3468	1714	71	2977
			W	6x6	107x107	2664	106.5	1814	2463	98.5	1668	1984	83	1494

Notes:

* 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 and application.

PROJECTED LUMEN MAINTENANCE – STOCK

Ambient Temperature	OPERATING HOURS – FSL-7					
	0	25,000	50,000	TM-21-11 L96 60,000	100,000	L70 (Hours)
25°C / 77°F	0.99	0.91	0.85	0.84	0.76	>137,000

PROJECTED LUMEN MAINTENANCE – MTO

Ambient Temperature	OPERATING HOURS – FSL-7					
	0	25,000	50,000	TM-21-11 L96 60,000	100,000	L70 (Hours)
25°C / 77°F	1.00	0.98	0.96	0.96	0.94	>696,000
40°C / 104°F	0.99	0.96	0.95	0.94	0.92	>565,000

ELECTRICAL DATA

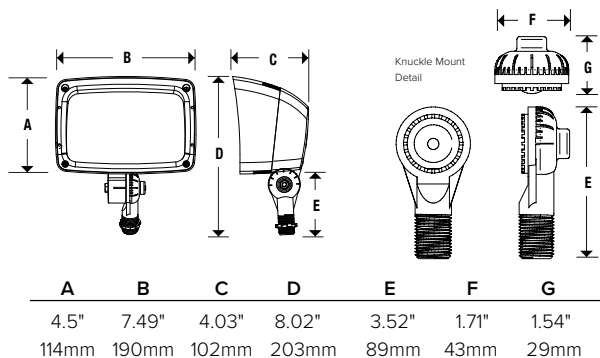
# OF LEDS	Number of Drivers	Drive Current (mA)	Input Voltage (V)	Oper. Current (Amps)	System Power (W)
7	1	1050mA	120	0.23	26
			277	0.11	26
10	1	700mA	120	0.204	25
			277	0.09	25

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

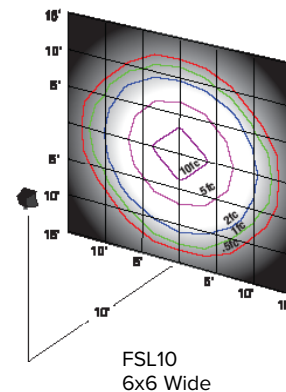
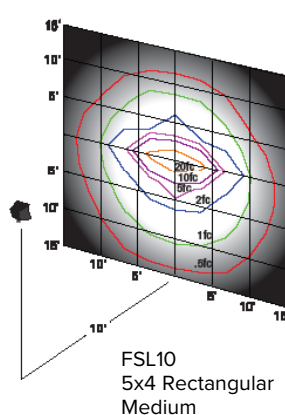
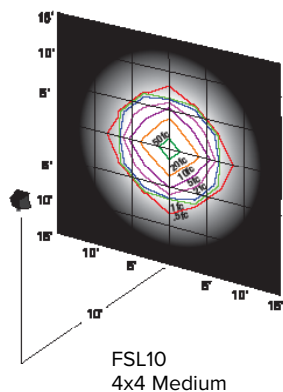
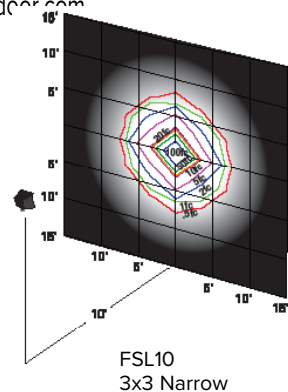
Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

DIMENSIONS



PHOTOMETRICS

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



ADDITIONAL INFORMATION

SHIPPING INFORMATION

Catalog Number	G.W(kg)/CTN	Carton Dimensions		
		Length Inch (cm)	Width Inch (cm)	Height Inch (cm)
FSL-25 (Single carton 1pc.)	2.66lbs (1.2)	9.45 (24)	7.87 (20)	6.69 (17)
FSL-25 (Master carton 2 pcs.)	5.31lbs (2.4)	16.54 (42)	10.04 (25.5)	7.68 (19.5)
FSL-25 (Single carton 1pc.)	3.18 (1.4)	11.81 (30)	9.45 (24)	7.48 (19)

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