



SPECIFICATIONS

Intended Use:

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:

- 14 high powered LEDs deliver 4285 lumens
- 5000K CCT, 67 CRI

Optical/Electrical

- Wide flood NEMA 6 x 6 distribution for general purpose flood and facade lighting
- 120-277V operation, 50/60Hz; 53w, 1050mA, 81 LPW
- IP65 and RoHS compliant driver
- PC version 120V-277V 50/60Hz

Installation:

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

Listings:

- Meets DesignLights Consortium (DLC) qualifications
- Lighting Facts
- IP65, Listed to UL1598 for use in wet locations

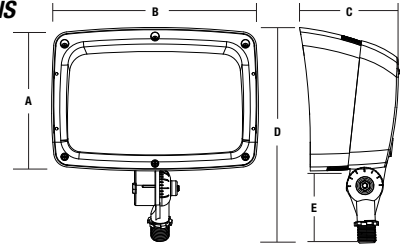
Warranty:

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

PRODUCT IMAGE(S)



DIMENSIONS



A	B	C	D	E	Weight
6.7"	9.6"	4.5"	10.20"	3.5"	8.5 lbs.
169 mm	244 mm	115 mm	29 mm	89 mm	3.8 kg

CERTIFICATIONS/LISTINGS



IP65

SHIPPING INFORMATION

Catalog Number	G.W(kg)/CTN	Carton Dimensions		
		Length Inch (cm)	Width Inch (cm)	Height Inch (cm)
FML-14 (Single carton 1 pc.)	3.81	11.81"	9.45"	7.48"
FML-14 (Master carton 2 pcs.)	7.61	19.69"	12.40"	8.46"

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)
FML-14	1/2" thread	2805	Wide	53	1050mA	120-277V	5000K	4285	81	8.5 (3.8)
FML-14-PCU	1/2" thread	2805	Wide	53	1050mA	120-277V	5000K	4285	81	8.5 (3.8)

ACCESSORIES/REPLACEMENT PARTS - Order Separately

Catalog Number	Description
FML-SPC	Polycarbonate lens (Replaces existing acrylic outer frame)
FML-VISOR-XX ¹	Top/Bottom visor (Tap holes in lens frame for field installation)
93047961AC	Acrylic lens w/ gasket
93047971	50w, Driver 1050mA
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 ¹	Trunnion adaptor for 1/2" threaded knuckle mount

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



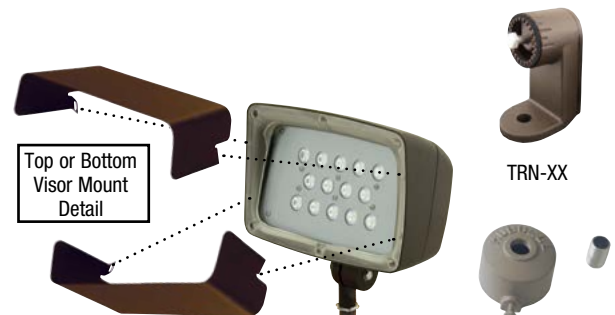
FML-SPC



FML-VISOR - 3/4 View



Front View



TRN-XX

S-302-XXX

PERFORMANCE DATA

# OF LEDS	DRIVE CURRENT (MILLIAMPS)	SYSTEM WATTS	DISTRIBUTION TYPE	5K (5000K nominal, 67 CRI)				
				NEMA	FIELD ANGLE H° X V°	LUMENS	LPW	MAX BEAM CANDLEPOWER
14	1050mA	53W	W	6 X 6	108 X 107	4285	81	2606

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).

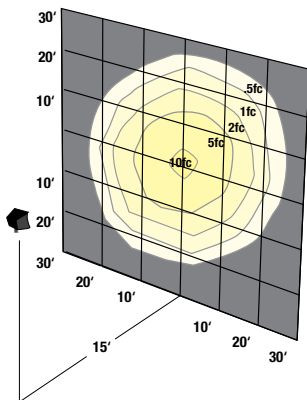
PROJECTED LUMEN MAINTENANCE

AMBIENT TEMP.	OPERATING HOURS					Calculated L70 (HOURS)
	0	25,000	50,000	¹ 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)
14	1	1050mA	120	0.43	53
			277	0.19	53

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) **4234**
Watts **52.6**
Lumens per Watt (Efficacy) **80**

Color Accuracy **69**
Color Rendering Index (CRI)

Light Color **5018 (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 Surface-Scale 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: A26K RGqPKD (10/3/2013)
Model Number: FML-14
Type: Luminaire - Directional