


| | | | |
|-----------------------------|-------|------|---|
| FML LED DECORATIVE FLOOD | Cat.# | |  HUBBELL Outdoor Lighting |
| | Job | Type | |

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
- 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) 53w, 1050mA, 81 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
- IP65, Listed to UL1598 for use in wet locations

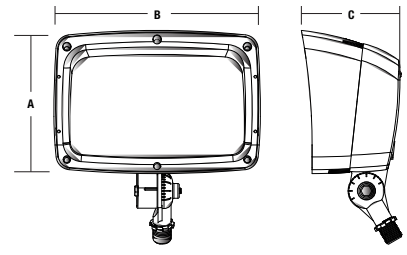
Warranty:

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

PRODUCT IMAGE(S)



DIMENSIONS



| A | B | C | Weight |
|--------|--------|--------|----------|
| 6.68" | 9.63" | 4.53" | 8.5 lbs. |
| 169 mm | 244 mm | 115 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 | 5100K | 4285 | 81 | 8.5 (3.8) |
| FML-14-PC1 | 1/2" thread | 2805 | Wide | 53 | 1050mA | 120V | 5100K | 4285 | 81 | 8.5 (3.8) |

PAINT IN FIELD SHUTTER GREEN

ACCESSORIES - Order Separately

| Catalog Number | Description |
|----------------|---|
| FML-SPC | Polycarbonate shield/lens (Replaces existing acrylic lens) |
| FML-VISOR | Top/Bottom visor (Tap holes in lens frame for field installation) |



FML-SPC



FSL-VISOR - 3/4 View



Front View



HUBBELL
Outdoor Lighting

Hubbell Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

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

© 2013 HUBBELL OUTDOOR LIGHTING. All Rights Reserved • For more information visit our website: www.hubbelloutdoor.com • Printed in USA

FML14-SPEC 12/13

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 |
| 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).

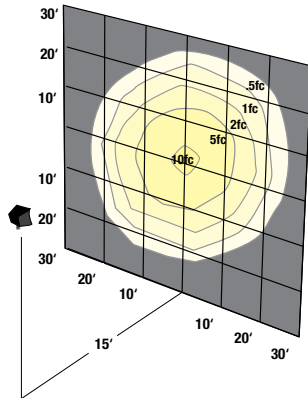
PROJECTED LUMEN MAINTENANCE

| AMBIENT TEMP. | OPERATING HOURS | | | | | Calculated L70 (HOURS) |
|---------------|-----------------|--------|--------|-----------------|---------|------------------------|
| | 0 | 25,000 | 50,000 | 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-79-08: 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: A204-RG-PKD (10/3/2013)
Model Number: FML-14
Type: Luminaire - Directional