

# NMF2 LED

Non-metallic enclosed and gasketed  
LED lighting for harsh environments

**RIG-A-LITE™**  
An Avail Infrastructure Solutions Company



- NEMA 4X
- UL 1598 Wet & Damp Locations
- CUL
- IP65
- NSF Enclosure
- Build America, Buy America Act (BABA) Compliant
- Buy American Act (BAA) Compliant



[availinfra.com/rig-a-lite](http://availinfra.com/rig-a-lite)

8500 Hansen Road,  
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(713) 943-0340

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### Key Features

- 1 Single piece fiberglass reinforced housing with 1/2 in. conduit ports on each end
- 2 Lens is securely held in place by tool free polymeric latches. Stainless Steel and tamper proof latches are available as options.
- 3 Flexible, impact resistant acrylic lens



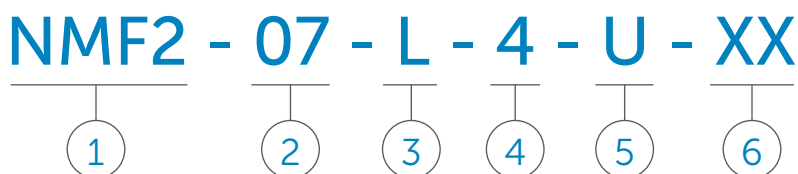
### Additional Features

- UL 1598 Listed for Wet and Damp Locations
- Fixtures are dust, moisture and corrosion resistant and can be used in many non-hazardous applications
- Housing is UL 5VA non-flammable listed and UL 746C listed for outdoor use
- Can be installed with occupancy sensors or switching devices

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## Catalog Number Logic



**1**  
**SERIES**  
NMF2

**2**  
**LAMP CURRENT/LAMP WATTAGE**  
07 = 54 Watt (4 foot)  
09 = 72 Watt (4 foot)  
11 = 80 Watt (4 foot)

**3**  
**LAMP TYPE**  
L = LED

**4**  
**NOMINAL FIXTURE LENGTH**  
4 = 4 Foot

**5**  
**VOLTAGE/FREQUENCY**  
U = 120 thru 277V 50/60HZ

**6**  
**OPTIONS<sup>1</sup>**  
P = Prismatic Polycarbonate Lens  
EM = Emergency Battery Backup<sup>2</sup>  
F = Inline Fuse  
TW = Thru Wire Fittings  
Cable Installations Only  
TP = Tamper Proof Screw Kit Poly  
TPSS = Tamper Proof Screw Kit Stainless  
SP = Specular Reflector (85%)  
SSL = Stainless Steel Latches  
30 = 3000K CCT  
35 = 3500K CCT  
50 = 5000K CCT

<sup>2</sup>Max Ambient of 45°C.

Catalog logic is for explaining catalog number structure only. Not all combinations are possible; consult factory for catalog numbers not listed in charts.

## Certification Guide

| Model      | Length | Wattage | Operating Voltage    | Total Lumens | Lumens per Watt | CRI | CCT  |
|------------|--------|---------|----------------------|--------------|-----------------|-----|------|
| NMF207L24U | 4 ft   | 54W     | 120V - 277V 50/60 Hz | 7208         | 141             | 82  | 4111 |
| NMF209L24U | 4 ft   | 72W     | 120V - 277V 50/60 Hz | 9643         | 136             | 82  | 4141 |
| NMF211L24U | 4 ft   | 80W     | 120V - 277V 50/60 Hz | 11336        | 150             | 833 | 4126 |

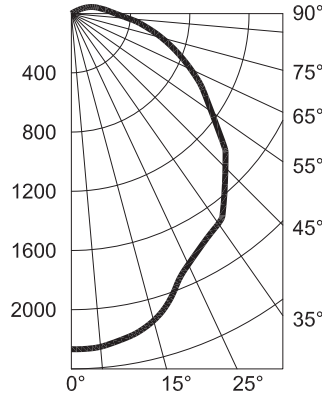
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## Candlepower Distribution

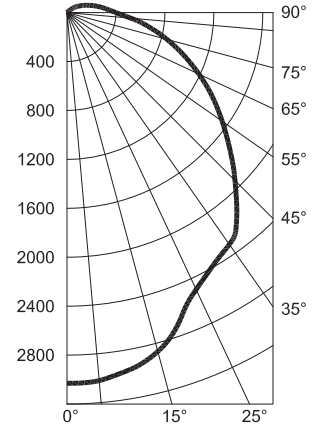
### NMF207LC4U

| Deg. | 0.   | 30   | 60   | 90   |
|------|------|------|------|------|
| 0    | 2267 | 2267 | 2267 | 2267 |
| 10   | 2257 | 2234 | 2222 | 2221 |
| 20   | 2214 | 2169 | 2033 | 2023 |
| 30   | 2092 | 2019 | 1768 | 1787 |
| 40   | 1857 | 1794 | 1591 | 1605 |
| 50   | 1489 | 1506 | 1272 | 1306 |
| 60   | 975  | 1060 | 962  | 1026 |
| 70   | 522  | 714  | 690  | 756  |
| 80   | 199  | 332  | 444  | 512  |
| 90   | 42   | 164  | 254  | 299  |



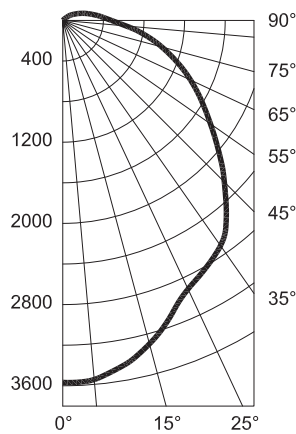
### NMF209LC40

| Deg. | 0.   | 30   | 60   | 90   |
|------|------|------|------|------|
| 0    | 3030 | 3030 | 3030 | 3030 |
| 10   | 3017 | 2985 | 2970 | 2969 |
| 20   | 2959 | 2898 | 2717 | 2703 |
| 30   | 2796 | 2698 | 2363 | 2387 |
| 40   | 2482 | 2398 | 2127 | 2145 |
| 50   | 1990 | 2012 | 1700 | 1745 |
| 60   | 1303 | 1416 | 1286 | 1371 |
| 70   | 698  | 954  | 922  | 1010 |
| 80   | 265  | 444  | 593  | 684  |
| 90   | 56   | 219  | 339  | 399  |



### NMF211LC4U

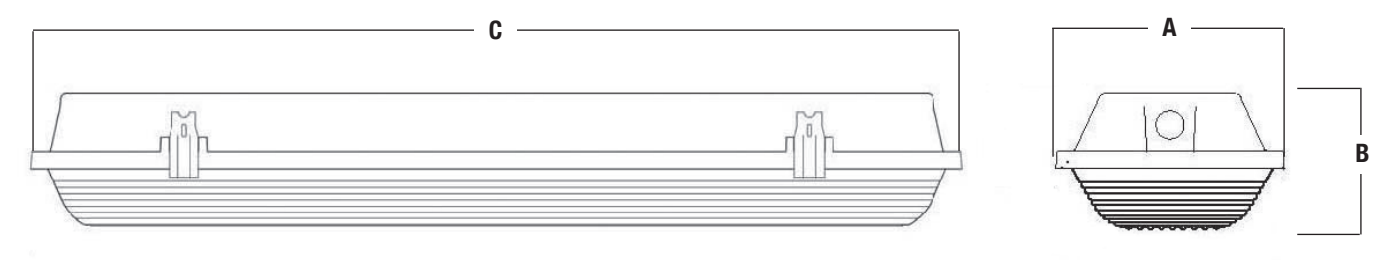
| Deg. | 0.   | 30   | 60   | 90   |
|------|------|------|------|------|
| 0    | 3567 | 3567 | 3567 | 3567 |
| 10   | 3553 | 3533 | 3457 | 3433 |
| 20   | 3487 | 3383 | 3136 | 3097 |
| 30   | 3298 | 3150 | 2800 | 2817 |
| 40   | 2938 | 2777 | 2496 | 2491 |
| 50   | 2370 | 2308 | 1980 | 2007 |
| 60   | 1559 | 1643 | 1502 | 1577 |
| 70   | 844  | 996  | 1086 | 1197 |
| 80   | 322  | 531  | 707  | 822  |
| 90   | 70   | 255  | 408  | 479  |



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## Fixture Dimensions (inches)



| NMF2 Series | Dimensions (inches) |      |       | Boxed Wiegth | Shipping Volume<br>(Boxed Fixtures) |
|-------------|---------------------|------|-------|--------------|-------------------------------------|
|             | A                   | B    | C     |              |                                     |
| 4 Foot      | 4.02                | 4.38 | 51.65 | 12 lbs       | 2.53 cu. ft.                        |



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