

NMF2 Series

Non-metallic enclosed and gasketed fluorescent lighting for wet and damp locations

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



Classifications

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



availinfra.com/rig-a-lite

8500 Hansen Road
Houston, TX 77075
(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



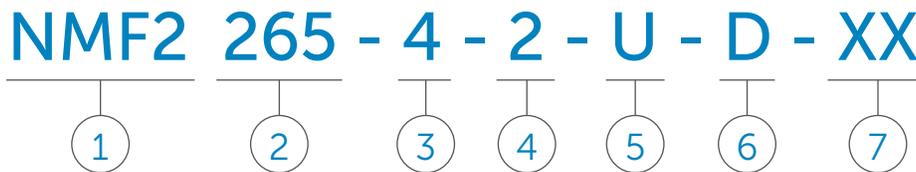
Additional Features

- 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
- UL 1598 Wet and Damp Locations
- IP65
- Non-corrosive non-metallic housing
- Available in 4 ft. and 8 ft.
- Available in multiple voltages
- AC and DC options
- Captive stainless steel latches available
- Energy saving ballast standard in 32 watt (265mA Only)
- NEMA 4X
- NSF Enclosure
- Stainless mounting brackets standard
- Hi-lumen ballast available (265mA Only)

NMF2 Series

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Catalog Number Logic



1

BASIC SERIES

NMF2 Non-Metallic Fluorescent Fixture
UL 1598 Wet and Damp Locations
NEMA 4X
NSF Enclosure
IP66
CUL

2

LAMP CURRENT/LAMP WATTAGE

430 = 430mA, 34 Watt (export only)
425 = 425mA, 40/75 Watt (Slimline)
265 = 265mA, 32 Watt (T8 Lamp)
T5HO = 54 Watt

3

NOMINAL FIXTURE LENGTH

4 = 4 Foot
8 = 8 Foot

4

NUMBER OF LAMPS

1 = 1 Lamp
2 = 2 Lamp
3 = 3 Lamp
4 = 4 Lamp (8 ft. T8 and T5HO Only)
6 = 6 Lamp (8 ft. T8 and T5HO Only)

5

VOLTAGE/FREQUENCY

U = 120 thru 277V 50/60 HZ
Consult factory for 3477V

6

FIXTURE TYPE

D = UL Listed for Damp Locations
W = UL Listed for Wet Locations (Wet
Location Label Valid Only When
Fixture is Mounted Horizontally with
Fixture Facing Downward)

7

OPTIONS¹

P = Prismatic Polycarbonate Lens
EM = Emergency Battery Backup
(265mA Only - T5HO 4 Lamp Only)
F = Inline Fuse
L = Lamps
LC = Coated Lamps
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

¹ Consult factory for pricing.

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

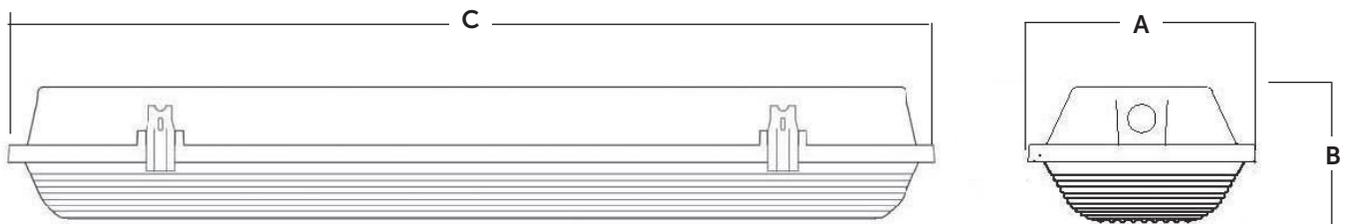
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Fluorescent Series

(Lamps not included)		Description	Voltage	Catalog Number	
Four Foot Fixture	Damp Location Universal Volt Ballast	32 Watt, Instant Start Medium Bi-Pin 265mA, T8 Lamps, 48"	120-277V 50/60 HZ	NMF2265-4-2-U-D NMF2265-4-3-U-D	
		54 Watt, Program Start High Output, Mini Bi-Pin T5HO Lamps, 48"	120-277V 50/60 HZ	NMF2T5HO-4-2-U-D NMF2T5HO-4-3-U-D	
	Wet Damp Location Universal Volt Ballast	32 Watt, Instant Start Medium Bi-Pin 265mA, T8 Lamps, 48"	120-277V 50/60 HZ	NMF2265-4-2-U-W NMF2265-4-3-U-W	
		54 Watt, Program Start High Output, Mini Bi-Pin T5HO Lamps, 48"	120-277V 50/60 HZ	NMF2T5HO-4-2-U-W NMF2T5HO-4-3-U-W	
	Eight Foot Fixture	Damp Location Universal Volt Ballast	32 Watt, Instant Start Medium Bi-Pin 265mA, T8 Lamps, 48"	120-277V 50/60 HZ	NMF2265-8-4-U-D NMF2265-8-6-U-D
			54 Watt, Program Start High Output, Mini Bi-Pin T5HO Lamps, 48"	120-277V 50/60 HZ	NMF2T5HO-8-4-U-D NMF2T5HO-8-6-U-D
		Wet Location Universal Volt Ballast	32 Watt, Instant Start Medium Bi-Pin 265mA, T8 Lamps, 48"	120-277V 50/60 HZ	NMF2265-8-4-U-W NMF2265-8-6-U-W
			54 Watt, Program Start High Output, Mini Bi-Pin T5HO Lamps, 48"	120-277V 50/60 HZ	NMF2T5HO-8-4-U-W NMF2T5HO-8-6-U-W

Fixture Dimensions (inches)



NMF2 Series	Dimensions (inches)			Boxed Weight	Shipping Volume (Boxed Fixture)
	A	B	C		
4 Foot, 1 Lamp	4.02	4.38	51.65	12 lbs.	2.53 cu. ft.
4 Foot, 2 & 3 Lamp	6.77	4.38	51.65	12.5 lbs.	2.53 cu. ft.
8 Foot, 2 Lamp (tandem)	4.02	4.38	102.06	23 lbs.	4.6 cu. ft.
8 Foot, 4 Lamp (tandem)	6.77	4.38	100.00	25 lbs.	4.40 cu. ft.

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NMF265-2-4

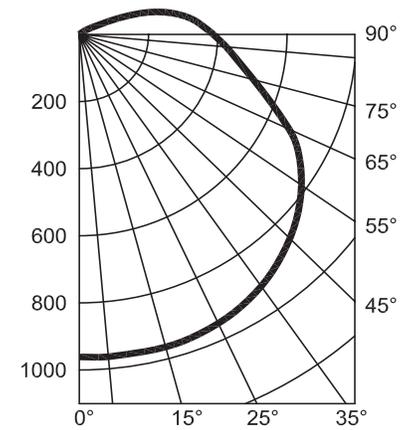
Coefficients of Utilization

% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	Effective Floor Cavity Reflectance 20%								
0	.81	.81	.81	.74	.74	.74	.65	.65	.65
1	.68	.65	.61	.62	.59	.57	.54	.53	.51
2	.58	.53	.48	.46	.41	.37	.41	.37	.34
3	.51	.44	.39	.52	.47	.42	.46	.42	.39
4	.45	.38	.33	.41	.35	.31	.36	.32	.29
5	.40	.33	.28	.36	.31	.27	.32	.28	.25
6	.35	.29	.24	.32	.27	.23	.29	.25	.22
7	.32	.26	.21	.29	.24	.20	.26	.22	.19
8	.29	.23	.19	.27	.22	.18	.24	.20	.17
9	.27	.21	.17	.25	.19	.16	.22	.18	.15
10	.24	.19	.15	.23	.18	.14	.21	.17	.14

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	961	961	961	961	961
5	919	926	948	952	964
15	919	926	948	934	964
25	852	872	910	896	950
35	754	786	848	829	916
45	625	668	765	747	860
55	467	541	660	631	783
65	298	388	539	483	669
75	124	232	380	387	521
85	153	116	273	348	426
90	6	83	238	313	387

Photometric Data



Note:

All data provided for two 32W, rapid start, cool white F40CW/RS/WM lamps.

Lamps rated for 2850 lumens per lamp. Use 1.509 multiplier for 60W F48T12/HO high output lamps.

Accessories

Photo Cell Kit

Catalog Number:

SPH25-120

Shipping Weight:

0.25 lbs.



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