

HNMF2

Hazardous-rated fluorescent
linear lighting for wet and
damp locations

RIG-A-LITE™
An Avail Infrastructure Solutions Company



Classifications

- Class I, Division 2, Groups A,B, C, & D
- UL 844 Hazardous Locations
- UL 1598A Marine Outside Type
- UL 1598 Wet Locations
- CSA Standard C22.2 No. 137
- CSA Standard C22.2 No. 250
- NEMA 4X
- IP65
- NSF Enclosure
- 45° Ambient Temperature
- Build America, Buy America Act (BABA) Compliant
- Buy American Act (BAA) Compliant



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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



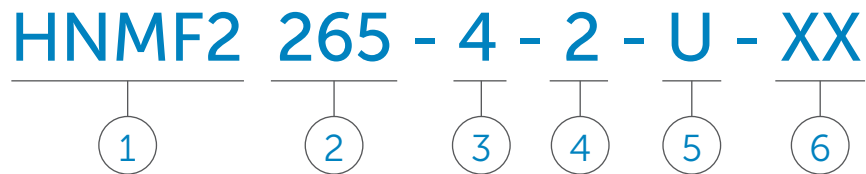
Additional Features

- Fixtures are dust, moisture and corrosion resistant and can be used in many hazardous applications
- Housing is UL 5VA non-flammable listed and UL 746C listed for outdoor use
- Non-corrosive non-metallic housing
- Available in 4 ft. and 8 ft.
- Available in multiple voltages
- Captive stainless steel latches available
- Energy saving ballast standard in 32 watt (265mA Only)
- Stainless mounting brackets standard
- Hi-lumen ballast available (265mA Only)

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Catalog Number Logic



1

BASIC SERIES

HNMF2 Non-Metallic Hazardous
Location Fluorescent Fixture

2

LAMP CURRENT/LAMP WATTAGE

265 = 265mA, 32 Watt (T8 Lamp)

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)
6 = 6 Lamp (8 ft. T8)

5

VOLTAGE/FREQUENCY

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

6

OPTIONS¹

P = Prismatic Polycarbonate Lens²
FB = Fuse Block
L = Lamps
TW = Thru Wire Fittings
Cable Installations Only
HL = Hi-Lumen Ballast (T8 Only)
TP = Tamper Proof Screw Kit Poly
TPSS = Tamper Proof Screw Kit Stainless
SP = Specular Reflector (85%)³
SSL = Stainless Steel Latches

¹ Consult factory for pricing.

² Polycarbonate lens not available for 8 foot fixtures.

³ 2L Only.

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

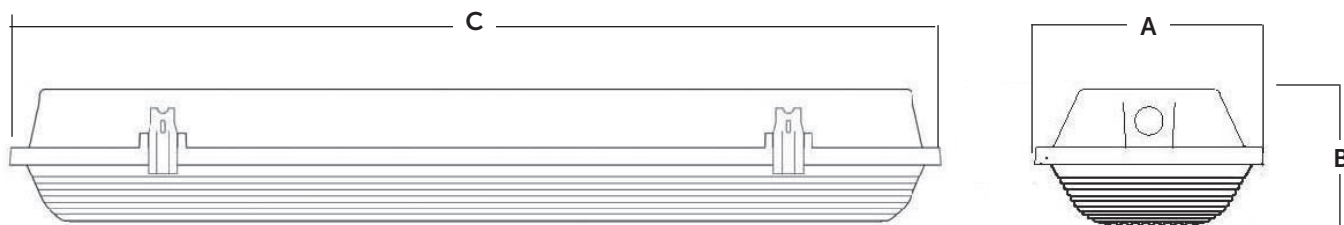
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Fluorescent Series

(Lamps not included)		Description	Voltage	Catalog Number
Four Foot Fixture	Hazardous Location Universal Volt Ballast	32 Watt, Instant Start Medium Bi-Pin 265mA, T8 Lamps, 48"	120-277V 50/60 HZ	HNMF2265-4-2-U-W
				HNMF2265-4-3-U-W
Eight Foot Fixture	Hazardous Location Universal Volt Ballast	32 Watt, Instant Start Medium Bi-Pin 265mA, T8 Lamps, 48"	120-277V 50/60 HZ	HNMF2265-8-4-U-W
				HNMF2265-8-6-U-W

Fixture Dimensions (inches)



HNMF2 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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HNMF265-2-4

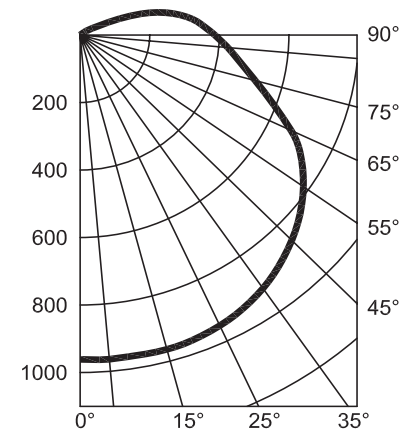
Coefficients of Utilization

% 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.



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