

RFL/MFL SERIES

Hazardous Location High Pressure Hose Down Recessed Fluorescent

- Class I, Division 2, Groups A, B, C & D
- UL 844 Hazardous Locations
- UL 924 Emergency Lighting
- UL 1598A Marine Inside Drip Proof
- CUL
- High Pressure Hose Down
- Grid or Ceiling Mount

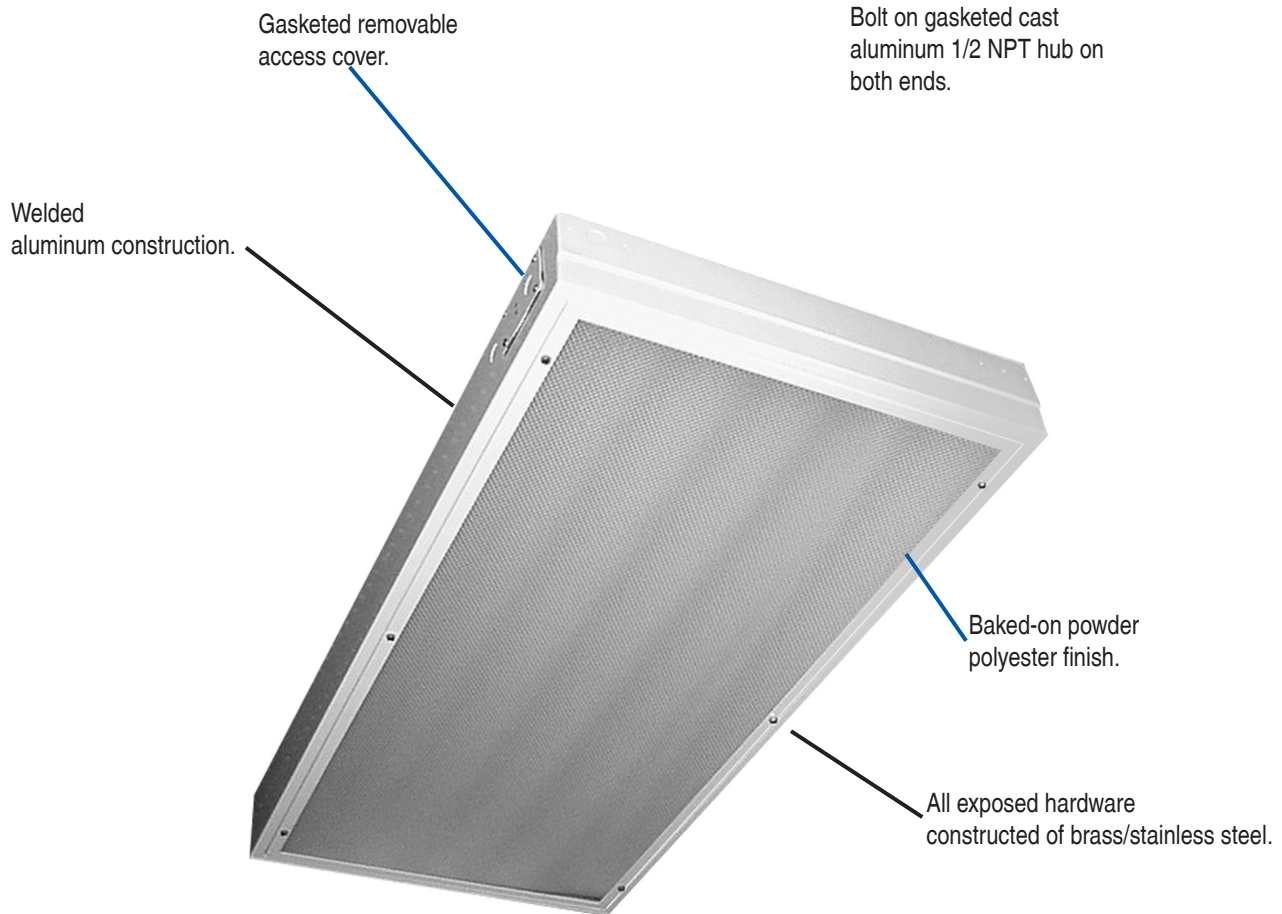


AZZ | R-A-L™
RIG-A-LITE

RFL/MFL SERIES

Hazardous Location High Pressure Hose Down Recessed Fluorescent

Each Rfl & MFL Series fixture is individually tested for functional and dielectrical strength at the factory to ensure quality and reliability.



FLUORESCENT RFL/MFL Series

Hazardous Locations • Class I, Division 2 • UL 1598A Inside Drip Proof • High Pressure Hose Down • UL 844 • UL 924 • CUL

Catalog Number Logic

RFL 265-24- 4 -G-U-XX



- ① BASIC SERIES**
RFL Fluorescent Fixture
(i) RFL Hazardous Locations and Marine Listings
Class I, Division 2, Groups A,B,C D
(ii) MFL Marine Listing Only
- ② LAMP CURRENT/LAMP WATTAGE**
265 = 265mA, 17 or 32 Watt
Medium Bi-Pin T8 Lamps
430 = 430mA, 20 or 34 Watt Medium
Bi-Pin T12 Lamps (export only)
T5HO = T5HO, 54 Watt Lamp
(1 x 4 and 2 x 4 only)
- ③ NOMINAL FIXTURE LENGTH**
14 = 1 ft. x 4 ft.
22 = 2 ft. x 2 ft.
24 = 2 ft. x 4 ft.
- ④ NUMBER OF LAMPS**
2 = 2 Lamps
3 = 3 Lamps
4 = 4 Lamps
6 = 6 Lamps (T8 or T5HO only)
- ⑤ MOUNTING**
G = Grid/Ceiling
(For drywall grid mount, see accessory
page- drywall grid adapter)
- ⑥ VOLTAGE/FREQUENCY**
H = 347V 60HZ
U = 120 thru 227V 50/60HZ
N = 347/480V 60HZ
- ⑦ OPTIONS²**
EM = Emergency Battery Backup
F = Individually Fused Ballast¹
R = Radio Interference Filter
HL = Hi-Lumen Ballast (T8 Only)
SS = Stainless Steel Lens Frame

¹Fuse option not available for marine listed fixtures.

²Consult 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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Hazardous Locations • Class I, Division 2 • UL 1598A Inside Drip Proof • High Pressure Hose Down • UL 844 • UL 924 • CUL



- Class I, Division 2, Groups A, B, C and D
- UL 844 Hazardous Locations
- UL 924 Wet Locations
- UL 1598A Marine Inside Drip Proof
- CUL
- Suitable for grid (lay-in) and surface mount applications
- Recessed type non-IC fluorescent luminaire
- High pressure hose down
- Welded aluminum construction
- Baked-on powder polyester finish
- High impact heavy duty prismatic acrylic lens
- Smooth cleanable surface
- Bolt-on gasketed cast aluminum hubs
- Available in 2 ft. x 4 ft., 1 ft. x 4 ft., & 2 ft. x 2 ft.

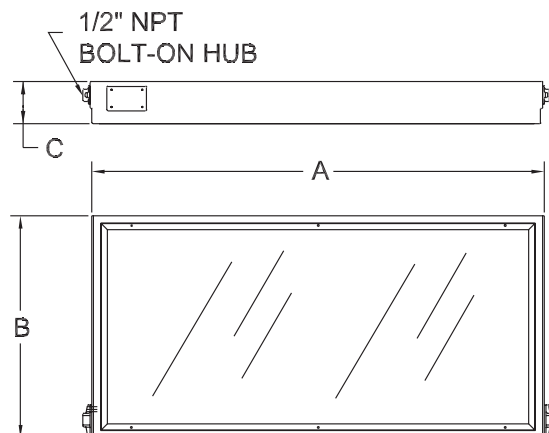
(Lamps not included)

Fixture Size	No. of Lamps	Description	Voltage	Catalog Number
1 x 4	2	32 Watt, F32 T8 Medium Bi-Pin	120-277V 50/60HZ	RFL265-14-2-G-U
		34 Watt, F40T12 Medium Bi-Pin (export only)	120-277V 50/60HZ	RFL430-14-2-G-U
2 x 4	3	32 Watt, F32 T8 Medium Bi-Pin	120-277V 50/60HZ	RFL265-24-3-G-U
		34 Watt, F40T12 Medium Bi-Pin (export only)	120-277V 50/60HZ	RFL430-24-3-G-U
	4	32 Watt, F32 T8 Medium Bi-Pin	120-277V 50/60HZ	RFL265-24-4-G-U
		34 Watt, F40T12 Medium Bi-Pin (export only)	120-277V 50/60HZ	RFL430-24-4-G-U
2 x 2	3	17 Watt, F17 T8 Medium Bi-Pin	120-277V 50/60HZ	RFL265-22-3-G-U
		20 Watt, F20T12 Medium Bi-Pin (export only)	120-277V 50/60HZ	RFL430-22-3-G-U
	4	17 Watt, F17 T8 Medium Bi-Pin	120-277V 50/60HZ	RFL265-22-4-G-U
		20 Watt, F20T12 Medium Bi-Pin (export only)	120-277V 50/60HZ	RFL430-24-4-G-U

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Fixture Dimensions (inches)



RFL SERIES	Dimensions (Inches)			Boxed Weight lbs.	Shipping Volume (Boxed Fixture)
	A	B	C		
1 x 4 Model	48.12	11.75	4.50	11 lbs.	2.10 cu. ft.
2 x 4 Model	48.12	23.75	4.50	22 lbs.	4.10 cu. ft.
2 x 2 Model	24.12	23.75	4.50	12 lbs.	2.23 cu. ft.

Candlepower Distribution

RFL265-24-4L

Deg.	Parl.	22.5	45.0	67.5	Norm	Zonal Flux
0	1052	1052	1052	1052	1052	
5	1052	1050	1050	1046	1048	100
15	1052	1022	1036	1048	1056	293
25	940	964	1000	1043	1061	463
35	834	877	953	1025	1051	595
45	690	759	871	971	1003	667
55	511	608	750	864	896	654
65	304	423	587	718	751	559
75	135	258	445	575	607	436
85	37	141	302	415	440	302
90	15	98	251	351	387	
95	15	75	221	318	359	218
105	10	39	153	239	281	151
115	4	15	67	129	165	73
125	0	2	19	36	55	20
135	0	0	7	13	15	6
145	0	0	2	5	8	2
155	0	0	0	0	1	0
165	0	0	0	0	0	0

Photometric Data

Coefficients of Utilization

RFL265-24-4L

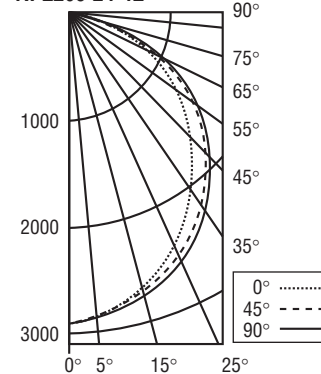
% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio Rcr	20% Effective Floor Cavity Reflectance								
0	80	80	80	74	74	74	68	68	68
1	70	67	64	65	63	61	60	59	57
2	61	56	52	57	53	50	53	50	48
3	53	48	43	50	46	42	47	43	41
4	47	41	37	45	40	36	42	38	35
5	42	36	32	40	35	31	37	34	30
6	38	32	28	36	31	27	34	30	27
7	34	29	24	33	28	24	31	27	24
8	31	26	22	30	25	22	28	24	21
9	29	23	20	28	23	19	26	22	19
10	27	21	18	26	21	18	24	20	17

Certification Guide

Model	Ambient Temperature °C	Class I, Division 2 Groups A, B, C & D	Supply Wire Suitable Temp °C
RFL265	40	T4A	90
RFL425	40	T4A	90
RFL430	40	T4A	90
RFLT5	40	T3C	90
RFLT5HO	40	T3C	90
RFL265	55	T4A	90
RFLT5	55	T3A	90
RFLT5HO	55	T3A	90

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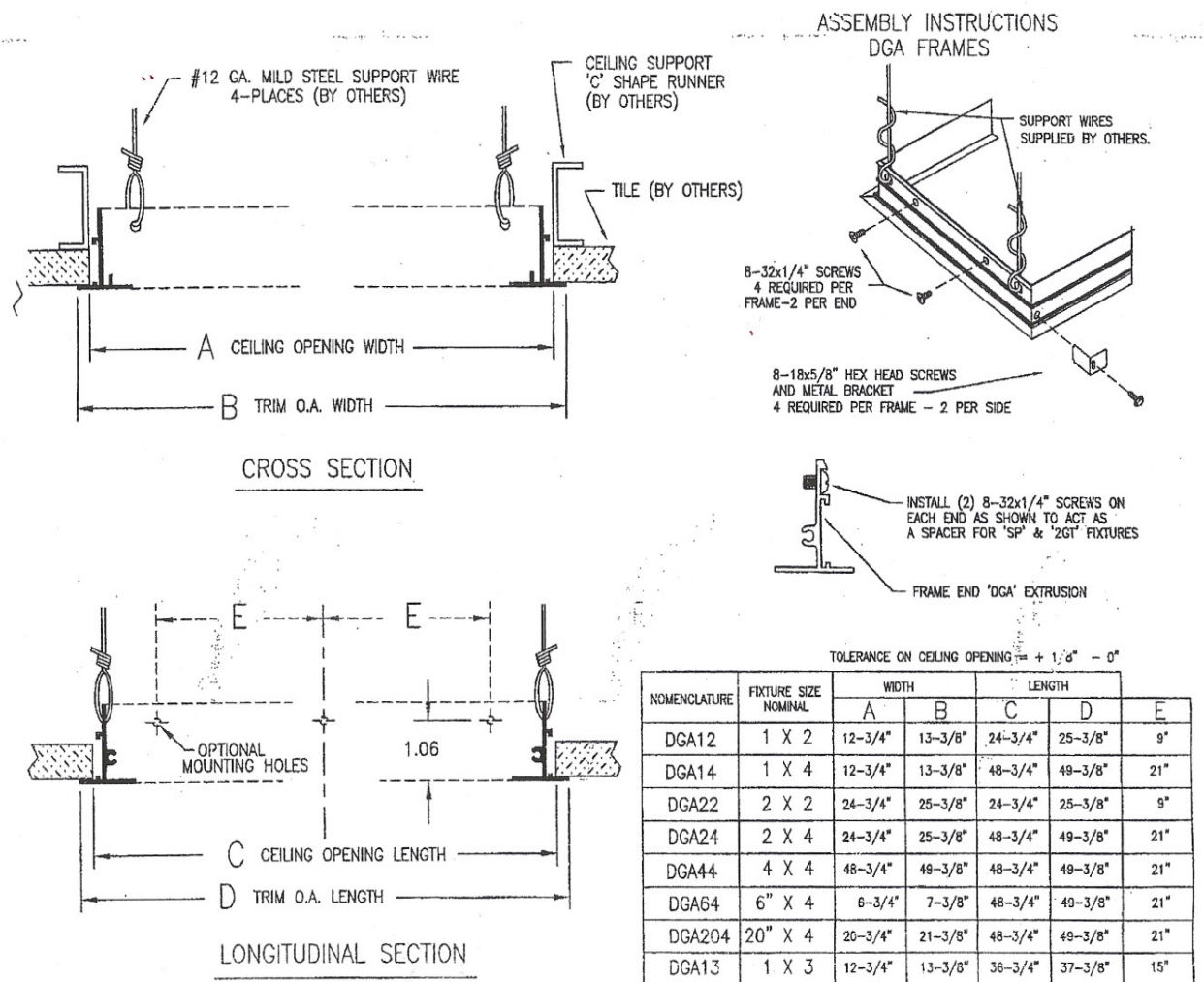
RFL265-24-4L



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Accessories



Drywall Grid Adapter

Catalog Number: DGA24 (2 X 4)

Contact factory for other options

Shipping Weight: 5 lbs.