

WFH SERIES

Fluorescent High-Bay Lighting for Hazardous Locations

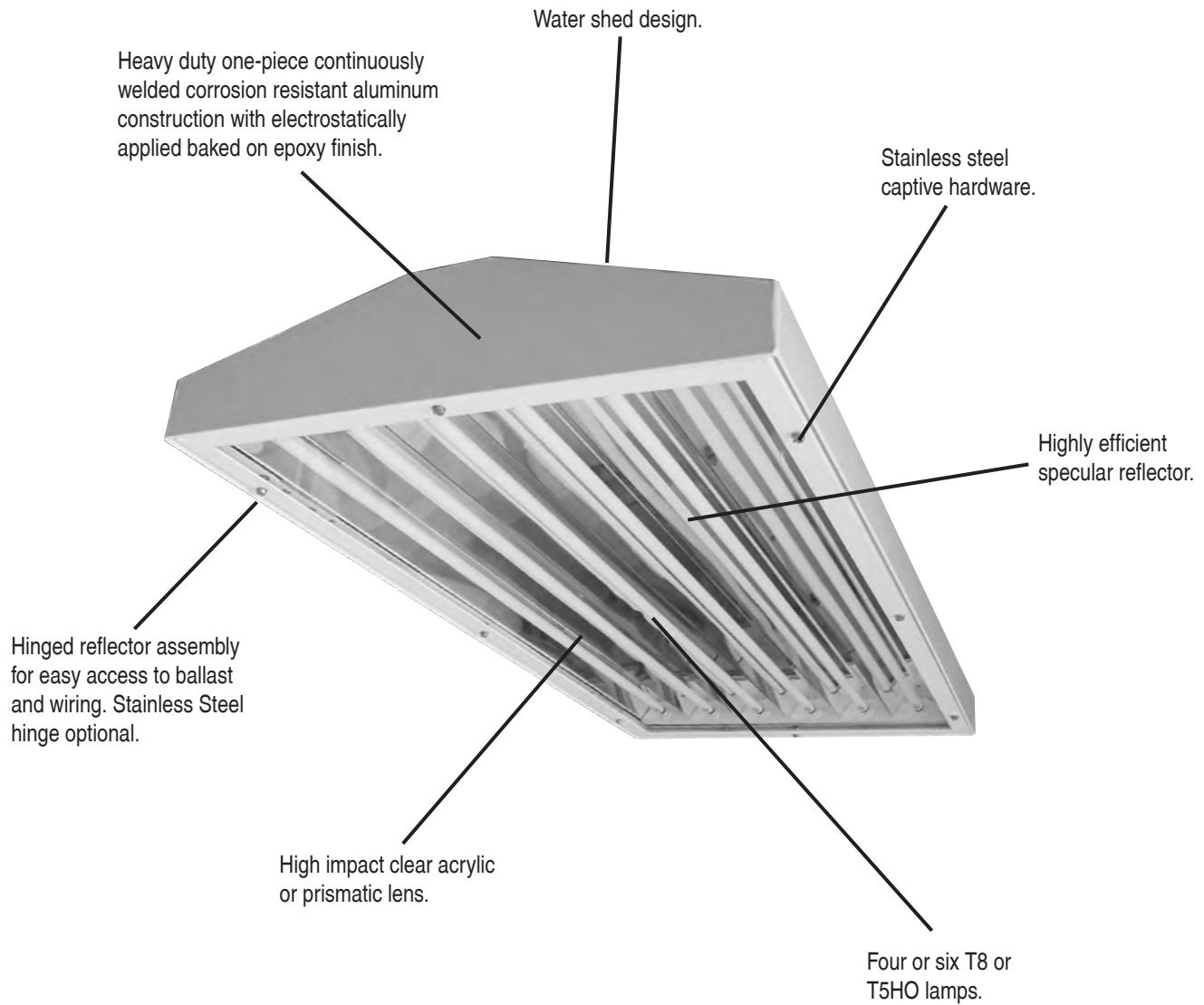
- Class I, Division 2, Groups A, B, C, & D
- Class II, Division 2, Groups F & G
- Class III
- UL Listed for Wet & Hazardous Locations
- CUL Listed for Wet Locations
- NEMA 4X
- NSF Certified Food Equipment
- High Pressure Hose Down
- One Piece Welded Aluminum Construction



AZZ | R-A-L™
RIG-A-LITE

WFH SERIES

Industrial Fluorescent High-Bay Lighting for Hazardous Locations



FLUORESCENT WFH Series

Class I, Division 2 • Class II, Division 2 • Class III • Wash Down Rated • UL/CUL • NSF Certified • NEMA 4X

Catalog Number Logic

WFH 265 - 24 - 4L - CA - U - DH - XX

1

2

3

4

5

6

7

8

1

BASIC SERIES

WFH Fluorescent Fixture
Class I, Division 2, Groups A, B, C, & D
Class II, Division 2, Groups F & G
Class III
UL Listed for Wet & Hazardous Locations
CUL Listed for Wet Locations
NEMA 4X
NSF Certified Food Equipment
Wash Down Rated

2

LAMP CURRENT/LAMP WATTAGE

265 = 265mA, 59, 32 Watt (T8 Lamps)
T5HO = 54 Watt Four Foot Lamp

3

NOMINAL FIXTURE LENGTH

24 = 2 x 4 Foot

4

NUMBER OF LAMPS

4 = 4 Lamps
6 = 6 Lamps

5

LENS TYPE

CA = Clear Acrylic
PA = Prismatic Acrylic
CP = Clear Polycarbonate
(Wet & Hose Down Locations Only)

6

VOLTAGE/FREQUENCY

H = 347V 60HZ
N = 347 thru 480V 50/60 HZ
U = 120 thru 277V 50/60 HZ
48 = 480V 60HZ

7

MOUNTING

DH = Dual Hub 1/2 in. NPT
SH = Single Hub 3/4 in. NPT

8

OPTIONS¹

HL = Hi Lumen Ballast (T8 Only)
DIM = Dimming Ballast
EM = Emergency Battery Backup
EM NON = Non-Hazardous Emergency
Battery Backup
F = Single Fuse
DF = Double Fuse
L = Lamps
LC = Coated Lamps
SP = 95% Specular Reflector
WO = White Optic Reflector

HNG = Hinged Lens Frame

OS = Occupancy Sensor

Z = Cold Storage (-30°C/-22°F Min. Starting Temp.)

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.

FLUORESCENT

WFH Series

Class I, Division 2 • Class II, Division 2 • Class III • Wash Down Rated • UL/CUL • NSF Certified • NEMA 4X



- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III
- UL 1598 Wet Locations
- CUL Listed- Wet Location Only; UL Listed Hazardous & Wet Locations
- NSF Certified Food Equipment
- One-piece continuously welded aluminum construction
- Rated for -20° F minimum starting temperature
- 55° C (131° F) maximum ambient temperature
- Suitable for high pressure hose down
- Single or dual hub mounting
- Bolt-on and gasketed cast aluminum hubs
- Water tight, ideal for food processing

(Lamps not included)

	Description	Voltage	Catalog Number
Four Lamp Fixture	54 Watt T5HO Miniature Bi-Pin Lamps, 48"	120-277V 50/60HZ	WFHT5HO-24-4-CA-U
		347-480V 50/60HZ	WFHT5HO-24-4-CA-N
		347V 60HZ	WFHT5HO-24-4-CA-H
		480V 60HZ	WFHT5HO-24-4-CA-48
	32 Watt, Instant Start Medium Bi-Pin, T-8 265mA Lamps, 48"	120-277V 50/60HZ	WFH265-24-4-CA-U
		347-480V 50/60HZ	WFH265-24-4-CA-N
		347V 60HZ	WFH265-24-4-CA-H
		480V 60HZ	WFH265-24-4-CA-48
Six Lamp Fixture	54 Watt T5HO Miniature Bi-Pin Lamps, 48"	120-277V 50/60HZ	WFHT5HO-24-6-CA-U
		347-480V 50/60HZ	WFHT5HO-24-6-CA-N
		347V 60HZ	WFHT5HO-24-6-CA-H
		480V 60HZ	WFHT5HO-24-6-CA-48
	32 Watt, Instant Start Medium Bi-Pin, T-8 265mA Lamps, 48"	120-277V 50/60HZ	WFH265-24-6-CA-U
		347-480V 50/60HZ	WFH265-24-6-CA-N
		347V 60HZ	WFH265-24-6-CA-H
		480V 60HZ	WFH265-24-6-CA-48

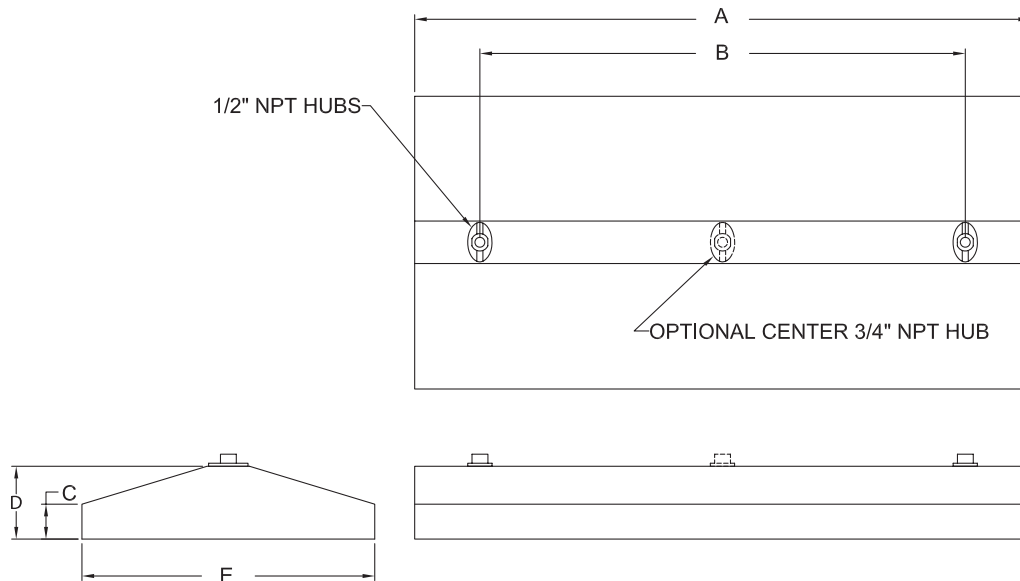
FLUORESCENT WFH Series

Class I, Division 2 • Class II, Division 2 • Class III • Wash Down Rated • UL/CUL • NSF Certified • NEMA 4X

Certification Guide

OPERATING TEMPERATURE CODE			
WFH SERIES	CLASS I, DIVISION 2 GROUPS A, B, C & D	CLASS II, DIVISION 2, GROUPS F & G GROUP III	RATED AMBIENT TEMPERATURE
WFH 265 4 & 6 LAMPS	T5 (100°C/212°F)	T3C (160°C/320°F)	55°C (131°F)
WFH T5HO 4 & 6 LAMPS	T5 (100°C/212°F)	T3C (160°C/320°F)	55°C (131°F)

Fixture Dimensions (inches)



WFH SERIES	Dimensions (inches)					Hub Size	Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D	E			
2-Lamp, 4 ft. Fixture (34, 60 watt)	50.75	40.0	2.88	6.0	24.13	1/2	39 lbs.	4.7 cu. ft.
3-Lamp, 4 ft. Fixture (34, 60 watt)	50.75	40.0	2.88	6.0	24.13	1/2	39 lbs.	4.7 cu. ft.
Up to 6 lamp 4ft. Fixture (T5HO)	50.75	40.0	2.88	6.0	24.13	1/2	39 lbs.	4.7 cu. ft.

FLUORESCENT WFH Series

Class I, Division 2 • Class II, Division 2 • Class III • Wash Down Rated • UL/CUL • NSF Certified • NEMA 4X

Coefficients of Utilization

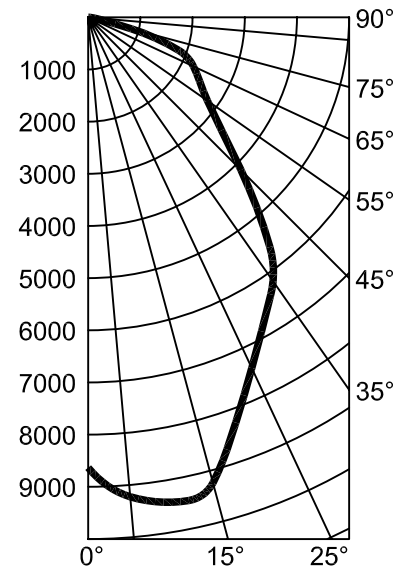
WFHT5HO-24-6-U

% 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	.96	.96	.96	.90	.90	.90	.82	.82	.82
1	.85	.82	.80	.80	.78	.76	.74	.73	.71
2	.75	.70	.66	.71	.67	.64	.66	.63	.61
3	.67	.61	.56	.63	.59	.55	.59	.56	.53
4	.60	.53	.48	.57	.51	.47	.53	.49	.46
5	.54	.47	.42	.51	.46	.41	.48	.44	.40
6	.49	.42	.37	.47	.41	.37	.44	.40	.36
7	.44	.38	.33	.43	.37	.33	.40	.36	.32
8	.41	.34	.30	.39	.33	.29	.37	.33	.29
9	.38	.31	.27	.36	.31	.27	.34	.30	.26

Candlepower Distribution

Deg.	Parl.	22.5	45	67.5	Norm
0	8631	8631	8631	8631	8631
5	8614	8796	9019	9152	9225
15	8298	8988	9434	9307	9238
25	7680	8730	8387	7694	7419
35	6767	7574	6469	6280	6177
45	5539	5906	5144	4314	4139
55	4091	3967	3106	2924	2787
65	2505	2234	1853	2155	2224
75	961	817	1002	896	858
85	48	75	51	48	34
90	0	0	0	0	0

Photometric Data



Note:

All data provided for six 54W lamps. Lamps rated for 4450 lumens per lamp.

FLUORESCENT WFH Series

Class I, Division 2 • Class II, Division 2 • Class III • Wash Down Rated • UL/CUL • NSF Certified • NEMA 4X

Accessories



Eye Bolt Mounting Kit

Catalog Number: 53116
Shipping Weight: 3.0 lbs.
Cable or Chain Not Included
Standard with Single Hub Mounting Option



Fixture Hanger

3/4 in. Male Thread
Catalog Number: HCK75
Shipping Weight: 1.7 lbs.



Y Fit Cable with 2 ft. Legs

Stainless Steel
12 ft. Catalog Number: GRYSS122
22 ft. Catalog Number: GRYSS222
Shipping Weight: 4 lbs.



Photo Cell Kit

Catalog Number: SPH25-120
Shipping Weight: 0.25 lbs.

NOTES