

WFH SERIES

LED High-Bay Lighting for Heavy Hose-Down Environments

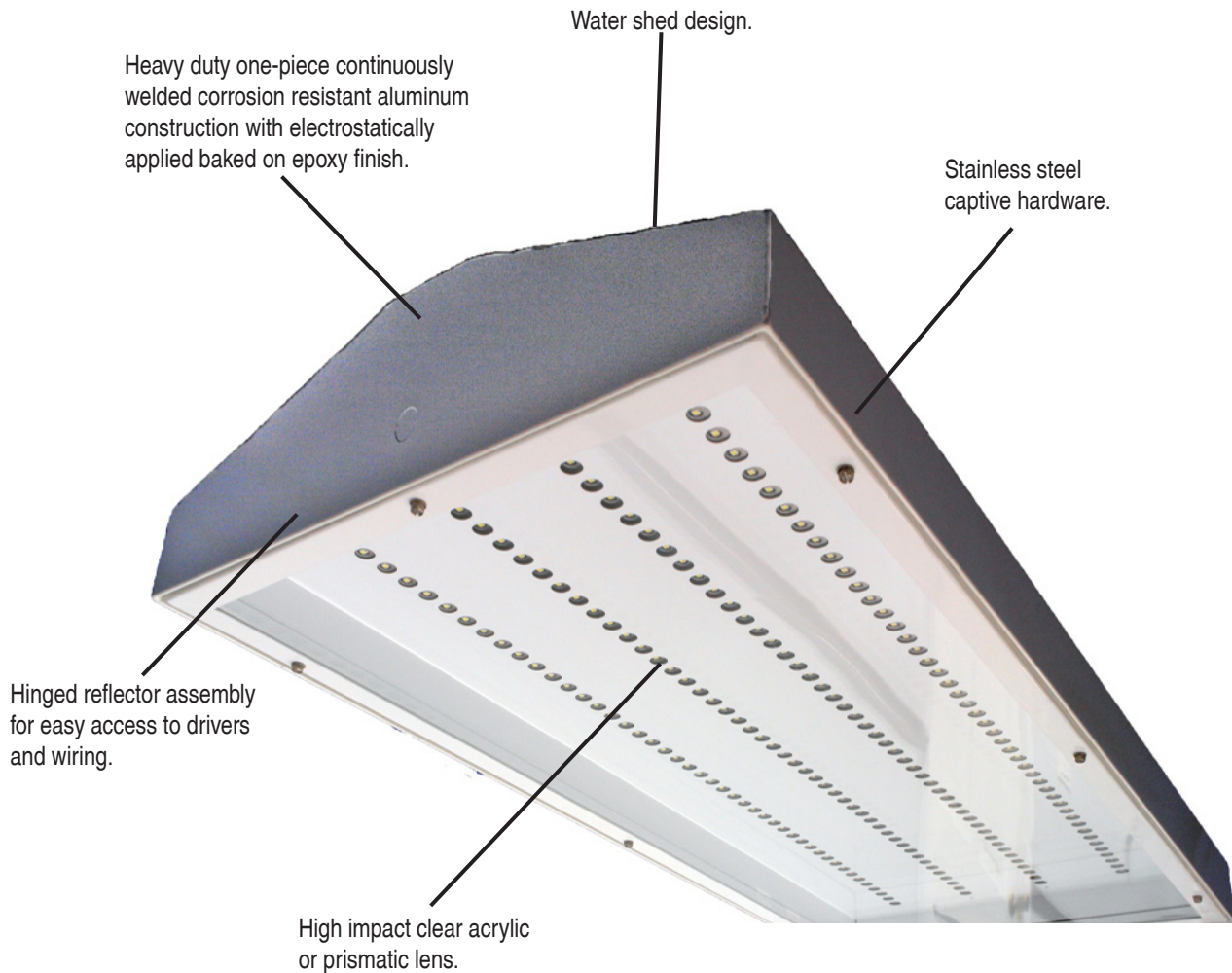
- UL 1589 Wet Locations
- NEMA 4X
- CUL
- NSF Certified Food Equipment
- High Pressure Hose-Down



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RIG-A-LITE

WFH SERIES

LED High-Bay Lighting for Heavy Hose-Down Environments



- UL1598 Wet Locations
- Nema 4X
- CUL
- NSF Certified Food Equipment
- High Pressure Hose-Down

LED

WFH Series

UL 1598 Wet Location • CUL • NEMA 4X • High Pressure Hose Down • NSF Certified

Catalog Number Logic

WFH 175-24-4S-CA-U-DH-XX

1

2

3

4

5

6

7

8

1

BASIC SERIES

WFH LED Hose-Down High Bay
NEMA 4X
UL 1598 Wet Locations
NSF Certified Food Equipment
CUL

2

LED MAXIMUM SYSTEM WATTAGE

175 = 200 Watt (2 X 4) 180 LEDs

3

NOMINAL LUMINAIRE SIZE

24 = 2 X 4

4

NUMBER OF LIGHT STRIPS

4S = 4 Strips

5

LENS TYPE

CA = Clear Acrylic
PA = Prismatic Acrylic

6

VOLTAGE/FREQUENCY

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

7

MOUNTING

DH = Dual Hubs 1/2" NPT
SH = Single Hub 3/4" NPT

8

OPTIONS

HNG = Hinged Lens Frame

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

LED WFH Series

UL 1598 Wet Location • CUL • NEMA 4X • High Pressure Hose Down • NSF Certified



- UL 1598 Wet Locations
- CUL
- NSF Certified Food Equipment
- One-piece continuously welded aluminum construction
- Rated for -40° F & -40° C minimum starting temperature
- 40° C (104° F) maximum ambient temperature
- Suitable for high pressure hose down
- Single or dual hub mounting
- Water shed design
- Stainless steel external hardware
- Bolt-on and gasketed cast aluminum hubs
- Water tight, ideal for food processing
- Low temperature rating suitable for freezers
- Five year warranty against manufacturers defect
- Four LED strips per fixture

	Description	Voltage	Catalog Number
2 X 4 LED	200 Watt 180 LED Luminaire with Clear Lens	120-277V 50/60HZ	WFH175244SCAU
		347-480V 60HZ	WFH175244SCAN
	200 Watt 180 LED Luminaire with Prismatic Lens	120-277V 50/60HZ	WFH175244SPAU
		347-480V 60HZ	WFH175244SPAN

WFH175244SCAUX

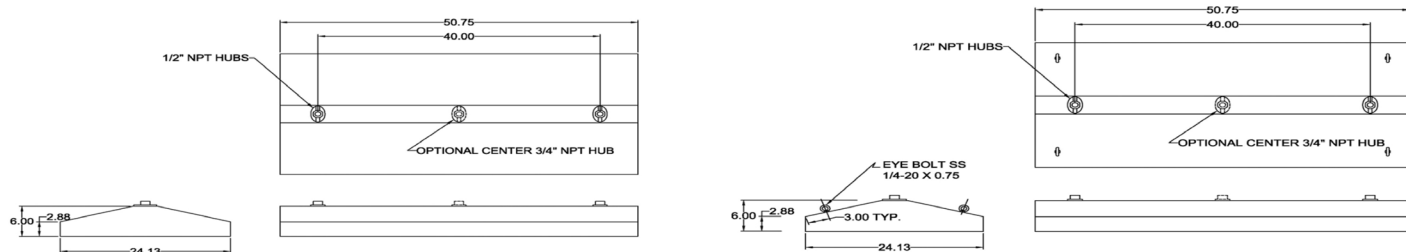
Total Lumens: 11,120 200 Watts
Efficacy: 55.5 Lm/W
CCT (K): 4,912

WFH175244SPAUX

Total Lumens: 9,636 200 Watts
Efficacy: 48.2 Lm/W
CCT (K): 4,902

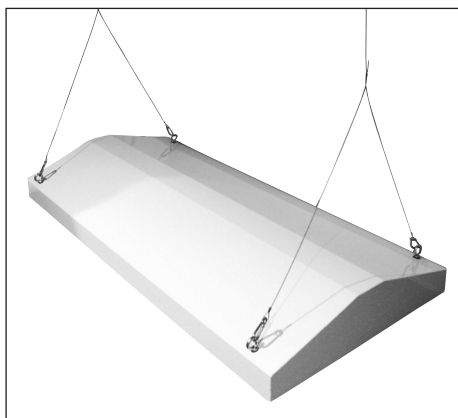
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WFH SERIES	Dimensions (inches)					Hub Size	Boxed Weight	Shipping Volume (Boxed Fixtures)
	A	B	C	D	E			
2 X 4 LED Luminaire	50.75	40.0	2.88	6.0	24.13	1/2	47 lbs.	4.7 cu. ft.

Accessories



Eye Bolt Mounting Kit

Catalog Number: 53116
Shipping Weight: 3.0 lbs.



Fixture Hanger

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



Y Fit Cable with 2 ft. Legs

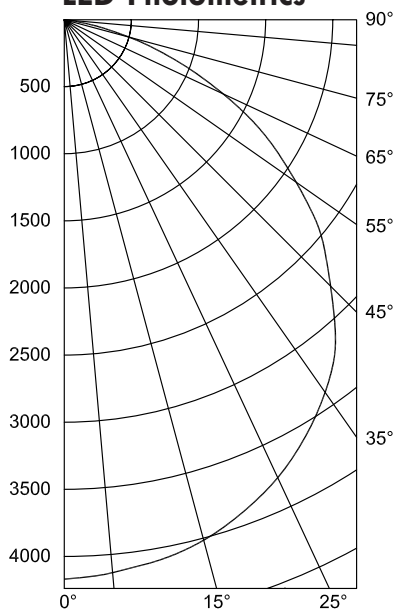
Stainless Steel
12 ft. Catalog Number: GRYSS122
22 ft. Catalog Number: GRYSS222
Shipping Weight: 4 lbs.

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WFH175244SCAUXX

LED Photometrics



Coefficients of Utilization

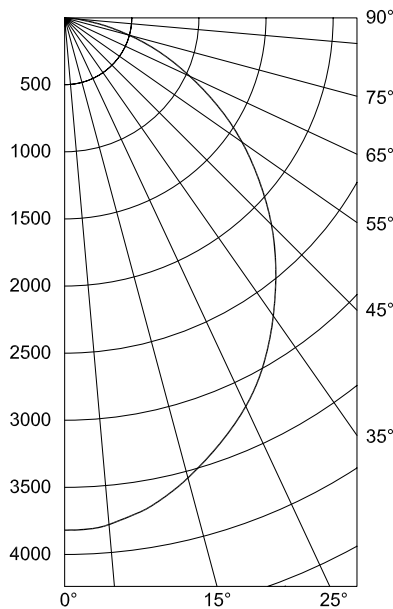
% Effective Ceiling Cavity Reflectance rcc	80			50			10		
% Wall Reflectance rw	50	30	10	50	30	10	50	30	10
Room Cavity Ratio RCR	20% Effective Floor Cavity Reflectance								
0	13240	13240	13240	12360	12360	12360	11350	11350	11350
1	11730	11300	10910	11020	10690	10400	10190	9980	9785
2	10310	9605	9009	9715	9169	8697	9024	8648	8313
3	9100	8239	7554	8600	7917	7355	8017	7526	7106
4	8085	7148	6431	7664	6902	6300	7170	6602	6133
5	7235	6267	5553	6878	6077	5463	6458	5842	5347
6	6518	5549	4854	6215	5399	4790	5856	5211	4707
7	5911	4958	4290	5652	4836	4243	5343	4685	4182
8	5394	4462	3827	5171	4366	3792	4905	4242	3381
9	4566	3698	3121	4398	3630	3099	4196	3543	3072

Candlepower

Deg	Parl.	22.5	45	67.5	Norm
0	4166	4166	4166	4166	4166
15	4013	4017	4023	4025	3998
25	3763	3756	3744	3737	3725
35	3388	3353	3342	3341	3338
45	2806	2774	2809	2817	2808
55	2109	2090	2105	2149	2135
65	1307	1268	1288	1070	1067
75	506	486	408	402	405
85	34	37	41	43	44
90	16	15	16	16	18

WFH175244SPAUXX

LED Photometrics



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	20% Effective Floor Cavity Reflectance								
0	11470	11470	11470	10710	10710	10710	9833	9833	9833
1	10090	9691	9336	9460	9165	8894	8739	8546	8366
2	8833	9196	7661	8311	7819	7394	7707	7368	7065
3	7785	7019	6409	7348	6740	6239	6838	5401	6026
4	6918	6090	5458	6550	5878	5346	6119	5617	5202
5	6197	5348	4721	5886	5183	4643	5520	4979	4544
6	5592	4744	4137	5328	4614	4081	5015	4451	4010
7	5079	4248	3665	4854	4143	3526	4586	4011	3573
8	4643	3835	3279	4449	3749	3249	4218	3641	3209
9	4268	3487	2959	4101	3416	2935	3900	3326	2905

Candlepower

Deg	Parl.	22.5	45	67.5	Norm
0	3816	3816	3816	3816	3816
15	3548	3569	3569	3565	3567
25	3193	3221	3250	3247	3239
35	2710	2752	2805	2795	2785
45	2179	2217	2276	2273	2264
55	1613	1654	1724	1712	11699
65	1029	1078	1149	1136	1123
75	498	526	571	564	549
85	98	98	99	104	101
90	12	12	13	13	13