

Advanced White Louver Fixture

AWLF22U

Features

- Increases even light distribution
- Ideal for use in commercial, school, government, or other office or retail buildings
- Designed for use in any 2'x4' T-bar grid ceiling
- High Efficiency T8 fixture helps to meet or exceed energy regulation standards such as LEED, California Title 24, and others



Electrical Components

- All ballasts and lamp holders are UL and CSA listed
- Ballasts are Class P Thermally Protected, Type 1 Outdoor, Class A Sound Rated
- Suitable for damp locations
- Quick Disconnect
- Lamps and ballasts warranted through their respective manufacturer
- UL listed to US and Canadian safety standards

Construction

- Housing is die formed 22 ga. cold rolled steel treated with highly reflective powder coat
- The louver frame and center support are constructed of steel that has been treated with a highly reflective powder coated finish
- The cross-braces are built from a highly reflective powder coated aluminum and have a ribbed finish to help increase its aesthetic appeal
- The socket bars, made from steel, are treated with a powder coat finish
- The latches are equipped with a positive locking system to prevent premature door opening
- The hinges are reinforced to increase strength

Ordering Options

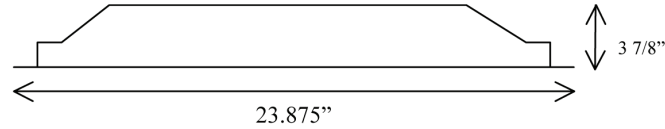
Example: AWLF22U-IL-L3135

Kit	Dimensions/Watts	Ballast Type (120v-277v or Custom)	Wattage	Lamps 2' 1 5/8" U-Tube			
				Color			
AWLF22U	2' X 4' (2-Lamp T8)	IS, High-Efficiency, Low BF (.78)	IL	31W	L31	3500K	35
		IS, High-Efficiency, Normal BF (.88)	IN			4100K	41
		IS, High-Efficiency, High BF (1.2)	IH			Custom	CU
		Programmed Start, Low BF (.71)	PL				
		Programmed Start, Normal BF (.88)	PN				
		Custom	CU				

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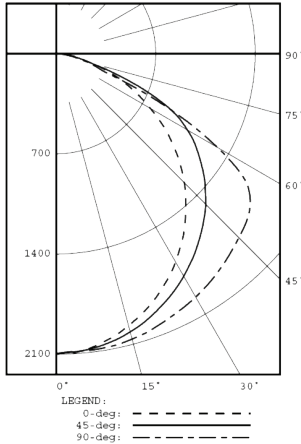
Dimensions



<u>System</u>	<u>Input Wattage</u>	<u>Mean Lumens</u>	<u>Energy Savings vs.</u>	
			<u>3:FB34T12</u>	<u>4:F20T12</u>
4:F20T12 STD Magnetic Ballast @ 58% Parabolic	106	4,200	--	Baseline
2:FB34T12 STD Magnetic Ballast @ 58% Parabolic	82	3,935	Baseline	--
2:FBO31/841/XP HE ISN	53	4,640	35%	50%
2:FBO31/841/XP HE @ 79.9%	47	3,293	42%	55%

Photometrics

AWLF22U-IN-2- L2741, ITL Report FBO31T8/841/XP/ECO Lamps 2775 Lumens



<u>Candela Distribution Summary</u>			
	0°	45°	90°
0°	1592	1592	1592
5°	1573	1582	1592
15°	1482	1521	1570
25°	1338	1417	1521
35°	1148	1275	1446
45°	924	1097	1330
55°	677	874	1094
65°	410	552	579
75°	174	185	127
85°	43	39	23
90°	0	0	0

<u>Pcc</u>	<u>Coefficients of Utilization</u>											
	<u>Effective Floor Cavity Reflectance 20%</u>											
	80			70			50			50		
<u>Pw</u>	70	50	30	10	70	50	30	10	50	30	10	
0	95	95	95	95	93	93	93	93	89	89	89	
1	88	84	81	78	85	82	79	77	76	76	74	
2	80	74	68	64	78	72	67	63	69	65	62	
3	73	65	58	53	71	64	58	53	61	56	52	
4	67	57	51	45	65	56	50	45	54	49	44	
5	61	51	44	39	60	50	44	39	49	43	38	
6	57	46	39	34	55	45	39	34	44	38	34	
7	52	42	35	30	51	41	35	30	40	34	30	
8	49	38	31	27	48	38	31	27	36	31	26	
9	46	35	28	24	44	34	28	24	33	28	24	
10	43	32	26	22	42	32	26	22	31	25	22	

<u>Zonal Lumen Summary</u>			
<u>Zone</u>	<u>Lumens</u>	<u>% Lamp</u>	<u>%Fixture</u>
0-30°	1239	22.3	27.9
0-40°	2044	36.8	46.1
0-60°	3687	66.4	83.1
0-90°	4436	79.9	100.0

<u>Luminance Data in Candela/Sq. M</u>			
	<u>Avg 0°</u>	<u>Avg 45°</u>	<u>Avg 90°</u>
45°	4499	5341	6475
55°	4063	5246	6566
65°	3340	4497	4717
75°	2314	2461	1689
85°	1699	1541	909

Fixture Efficiency: 79.9%