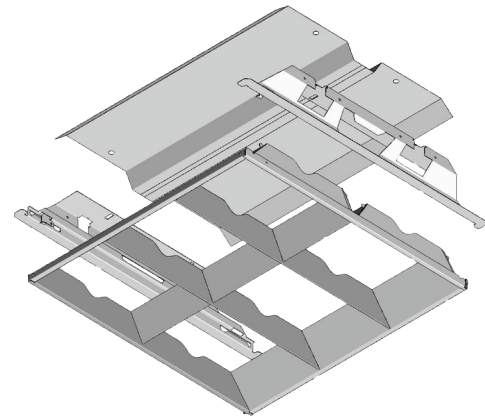


Features

- Energy saving lighting solution to help increase even light distribution and efficiency of old luminaires
- Transforms existing parabolic or prismatic luminaires into attractive, yet effective lighting systems
- Ideal for use in commercial, school, government, or other office or retail buildings and is designed for use in any compatible 2'x2' recessed fixture with a minimum depth of 3 1/4"
- Helps to meet or exceed energy regulation standards such as LEED, California Title 24, and others
- Assembled in the USA



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
- Lamps and ballasts warranted through their respective manufacturer
- All kit components are UL Classified to US and Canadian safety standards

Construction

- 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 reflectors, made of steel or aluminum, have been treated with a highly reflective gloss
- The latches are equipped with a positive locking system to prevent premature door opening
- The hinges are reinforced to increase strength

Ordering Options

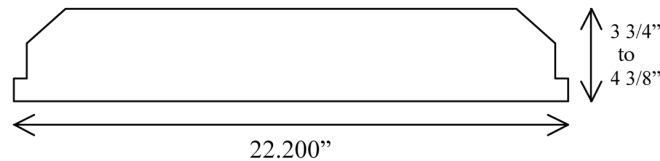
Example: AWLR2217-IL-1-L1335

Kit	Dimension/ Watts	Ballast Type (120v-277v or Custom)	Socket Bar Type	Lamp				
				Wattage	L17	Color		
AWLR	2'X2' (2-Lamp) 2217	IS, High-Efficiency, Low BF (.78)	IL	1 > 3 1/4"	17W	L17	3500K	35
		IS, High-Efficiency, Normal BF (.88)	IN	2 > 3 3/4"			4100K	41
		Programmed Start, Low BF (.71)	PL	3 > 4 3/4"			Custom	CU
		Programmed Start, Normal BF (.88)	PN					
		Custom	CU					

Retrofit Kit Does Not Affect Existing Luminaire UL Listing

Dimension Requirements

Existing fixture must have a minimum internal height of at least 3 3/4" to be compatible with the retrofit kit.

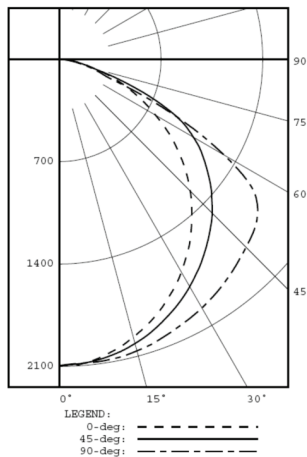


A sample installation is recommended prior to ordering large quantities.

System	Input Wattage	Mean Lumens	Energy Savings vs.	
			3:FB34T12	4:F20T12
2:FB34T12 STD Magnetic Ballast @ 58% LER Parabolic	82	2,436	--	Baseline
2:F20T12 STD Magnetic Ballast @ 58% LER Parabolic	53	1,218	Baseline	--
2:FO17/XPS QHE ISN @ 81.8% LER AWLR	29	1,929	45%	65%
2:FO17/XPS QHE3X ISN @ 81.8% LER AWLR	34	2,192	36%	59%

Photometrics

AWLR2217-IN-2- L1441, ITL Report No. 61632, FO17T8/841K/XPS/ECO 1400 Lumens



	0°	45°	90°
0°	802	802	802
5°	794	797	802
15°	749	768	790
25°	677	714	761
35°	584	641	730
45°	469	556	693
55°	341	453	628
65°	210	303	307
75°	96	94	83
85°	23	22	15
90°	0	0	0

Pcc	Effective Floor Cavity Reflectance 20%											
	80						70					
	70	50	30	10	70	50	30	10	50	30	10	10
0	97	97	97	97	95	95	95	95	91	91	91	
1	89	86	82	80	87	84	81	78	80	78	76	
2	82	75	70	65	79	74	69	64	71	66	63	
3	74	66	59	54	72	65	59	54	62	57	53	
4	68	58	51	46	66	57	51	46	55	49	45	
5	62	52	45	39	61	51	44	39	49	43	39	
6	58	47	39	34	56	46	39	34	45	38	34	
7	53	42	35	30	52	42	35	30	40	34	30	
8	50	39	32	27	48	38	31	27	37	31	27	
9	46	35	29	24	45	35	28	24	34	28	24	
10	43	33	26	22	42	32	26	22	31	26	22	

Zone	Lumens	% Lamp	% Fixture
0-30°	624	22.3	27.3
0-40°	1031	36.8	45.0
0-60°	1889	67.4	82.5
0-90°	2289	81.8	100.0

	Avg 0°	Avg 45°	Avg 90°
45°	2283	2707	3374
55°	2047	2719	3769
65°	1711	2468	2501
75°	1277	1250	1104
85°	909	869	593

Fixture Efficiency: 81.8%