

Ordering Information

Family	Shielding	Length	Lamps	Lamp Type	Ballast Factor	Voltage	Housing	Option
A	<input type="checkbox"/>	<input type="checkbox"/>	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aletta	RC = Radial w/ Curved Shield RW = Radial w/ Wing Shield	2 = 2' (60.96cm) 4 = 4' (121.92cm)	1 = 1 Lamp	T5 = T5 Standard Output HO = T5 High Output	10 = *1.0 T5, HO Dimming and Static 11 = 1.15 T5	1 = 120v 2 = 277v 3 = 347v	U = Individual Unit S = Starter J = Joiner E = Ender	D = Dimming E = EM Pack 2 = 2 Circuit 4 = 4 Through Wire 5 = 5 Through Wire

* For dimming, use "D" option. If "D" is not selected, ballast will be static.

Features

- Housing:** 23 gauge pre-painted steel. 20 gauge available, consult factory.
- Lamp:** One T5, T5HO. (by others)
- Faux Housing:** Extruded Frosty acrylic.
- Shield:** 24 gauge CRS powder painted white with 1/8" (0.32cm) x 5/8" (1.59cm) piercing on 3/16" (0.48cm) ctrs with .010" (0.25cm) opal overlay. Wings are separated by .020" (0.51cm) opal shield.
- Performance Kick Reflector:** .020" (0.51cm) 95%-98% reflective, UV resistant polypropylene.
- Trim:** Extruded aluminum trim, painted white, interfaces with ceiling grid or plaster frame by others.

Electrical

Ballasts are electronic and high power factor. Dimming ballasts are available on many lamp types, please consult factory regarding specific applications. 1325 max lumen battery pack is standard. See application table on page 2 for output with specific lamp types. Continuous luminaires utilize 12 gauge through wires. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Mounting

Housing is suspended by hanger wires and laid into standard or slot-T grid ceiling. Mounting accessory available for drywall installations (see page 2).

Labels

UL, cUL and I.B.E.W.

Ordering Instructions

Individual Fixtures:

- Order quantity of Individual Units required.

Continuous Runs:

- Order one Starter and one Ender fixture per run.
- Order appropriate quantity of Joiner fixtures.

Continuous runs only - Prior to installing Aletta in a grid ceiling, the installing contractor must ensure that the fixture will set into two main runners, spaced 2' (60.96cm) on center. No grid cross members are required except at the beginning and end of the run.

Job Information

Type:

Job Name:

Cat. No.:

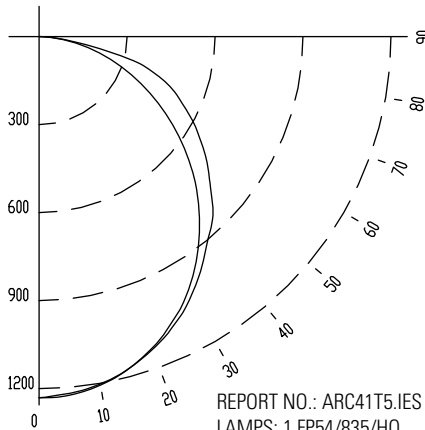
Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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Curved Performance

CANDLEPOWER CURVE



REPORT NO.: ARC41T5.IES
 LAMPS: 1 FP54/835/HO
 LUMENS: 4450
 EFFICIENCY: 71.2%
 * 25°C Rating

ZONE	CANDLEPOWER				
	0	22	45	67	90
DEG.	CANDELAS				
90	0	0	0	0	0
85	49	69	57	57	55
75	209	244	298	345	355
65	385	413	466	519	538
55	577	593	638	674	689
45	764	775	792	829	839
35	934	940	951	964	965
25	1073	1077	1082	1087	1086
15	1174	1173	1173	1175	1173
5	1226	1225	1223	1223	1220
0	1231	1231	1231	1231	1231

COEFFICIENTS OF UTILIZATION
 % EFFECTIVE CEILING CAVITY REFLECTANCE

ROOM CAVITY RATIO	WALL REFLECTANCE								
	80			70			50		
	70	50	30	70	50	30	50	30	10
0	85	85	85	83	83	83	79	79	79
1	77	74	70	75	72	69	69	67	64
2	70	64	59	68	62	58	60	56	53
3	64	56	50	62	55	49	53	48	44
4	58	49	43	56	48	37	42	36	32
5	53	44	38	52	43	37	42	36	32
6	49	40	33	48	39	33	38	32	28
7	46	36	30	44	35	29	34	29	25
8	43	33	27	41	32	26	31	26	22
9	40	30	24	39	30	24	29	24	20
10	37	28	22	36	27	22	27	22	18

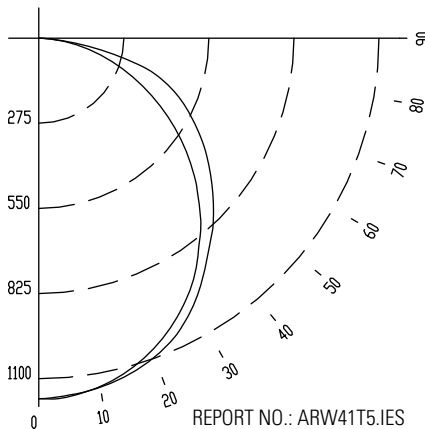
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	3559	71.2	100
0-180	3559	71.2	100

Wing Performance

CANDLEPOWER CURVE



REPORT NO.: ARW41T5.IES
 LAMPS: 1 FP54/835/HO
 LUMENS: 4450
 EFFICIENCY: 68.6%
 * 25°C Rating

ZONE	CANDLEPOWER				
	0	22	45	67	90
DEG.	CANDELAS				
90	0	0	0	0	0
85	48	73	65	62	51
75	202	233	287	338	341
65	374	399	447	502	523
55	557	575	611	650	663
45	729	749	766	792	799
35	891	904	923	931	931
25	1023	1029	1043	1057	1056
15	1113	1114	1118	1126	1125
5	1162	1162	1160	1161	1157
0	1165	1165	1165	1165	1165

COEFFICIENTS OF UTILIZATION
 % EFFECTIVE CEILING CAVITY REFLECTANCE

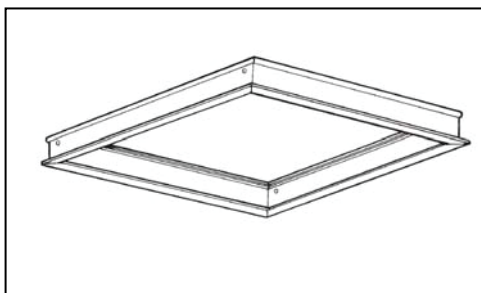
ROOM CAVITY RATIO	WALL REFLECTANCE								
	80			70			50		
	70	50	30	70	50	30	50	30	10
0	82	82	82	80	80	80	76	76	76
1	74	71	68	72	69	66	66	64	62
2	67	61	57	65	60	56	58	54	51
3	61	54	48	59	53	47	51	46	42
4	56	47	41	54	47	41	45	40	36
5	51	42	36	50	42	36	40	35	31
6	47	38	32	46	37	31	36	31	27
7	44	34	28	43	34	28	33	38	24
8	41	31	26	40	31	25	30	25	21
9	38	29	23	37	28	23	28	23	19
10	36	27	21	35	26	21	26	21	17

20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	3430	68.6	100
0-180	3430	68.6	100

Mounting Accessory



Drywall Conversion Kit

For Individual Units only

FK92X2 – Conversion Kit for 2' (60.96cm) Unit

FK92X4 – Conversion Kit for 4' (121.92cm) Unit

EM Pack Output Table

Lamp Length	Lamp Type	Lamp Rated Output	Lamp Wattage	Battery Lumen Output
4' (121.92cm)	T5HO	4450*	54	1250*
4' (121.92cm)	T5	2600*	28	1325*
4' (121.92cm)	T8	2950	32	1100
2' (60.96cm)	T5HO	1750*	24	725*
2' (60.96cm)	T5	1200*	14	750*
2' (60.96cm)	T8	1350	17	650

* 25°C Rating

Job Information Type:

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