

Ordering Information

Family	Shielding	Length	Lamps	Lamp Type	Ballast Factor	Voltage	Housing	Option
A	<input type="checkbox"/>	<input type="checkbox"/>	2	<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)	2 = 2 Lamps	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:** Two 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.:

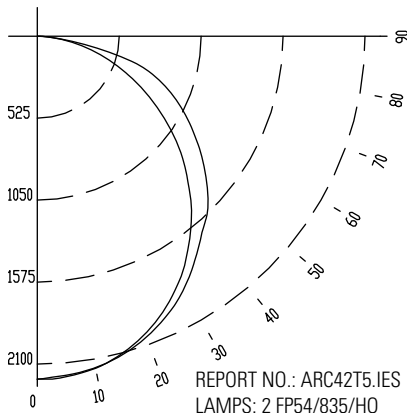
Lamp(s):

Notes:

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

CANDLEPOWER CURVE



* 25°C Rating

ZONE	CANDLEPOWER				
	0	22	45	67	90
DEG.	CANDELAS				
90	0	0	0	0	0
85	90	119	104	98	100
75	378	445	544	616	635
65	700	749	858	951	989
55	1043	1076	1176	1242	1274
45	1374	1400	1447	1515	1548
35	1679	1695	1727	1754	1758
25	1928	1937	1953	1968	1970
15	2102	2104	2108	2114	2111
5	2188	2188	2184	2183	2179
0	2196	2196	2196	2196	2196

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	77	77	77	75	75	75	72	72	72
1	70	67	64	68	65	63	63	60	58
2	63	58	53	62	57	52	54	51	48
3	58	51	45	56	50	45	48	43	40
4	53	45	39	51	44	38	42	37	34
5	48	40	34	47	39	34	38	33	29
6	45	36	30	43	35	30	34	29	25
7	41	33	27	40	32	27	31	26	22
8	39	30	24	38	29	24	28	23	20
9	36	27	22	35	28	22	26	21	18
10	34	25	20	33	25	20	24	20	16

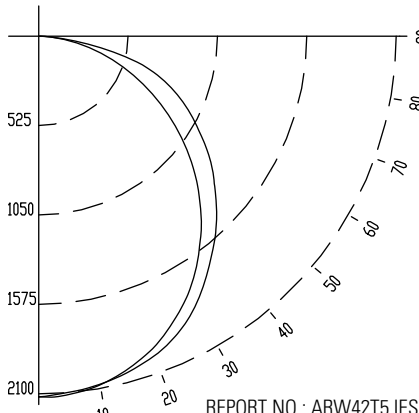
20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	6461	64.6	100
0-180	6461	64.6	100

Wing Performance

CANDLEPOWER CURVE



* 25°C Rating

ZONE	CANDLEPOWER				
	0	22	45	67	90
DEG.	CANDELAS				
90	0	0	0	0	0
85	87	121	114	107	93
75	370	424	516	595	610
65	686	728	818	907	943
55	1015	1054	1122	1190	1220
45	13347	1367	1415	1462	1479
35	1624	1643	1690	1715	1720
25	1858	1868	1896	1924	1928
15	2024	2024	2031	2043	2041
5	2111	2108	2104	2104	2098
0	2118	2118	2118	2118	2118

COEFFICIENTS OF UTILIZATION
% EFFECTIVE CEILING CAVITY REFLECTANCE

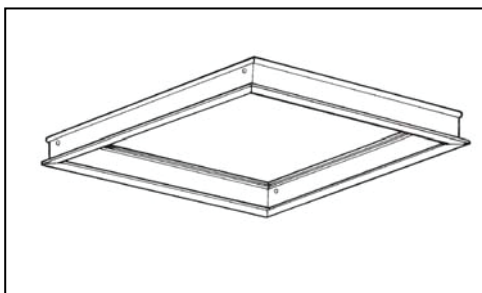
ROOM CAVITY RATIO	WALL REFLECTANCE								
	80			70			50		
	70	50	30	70	50	30	50	30	10
0	74	74	74	73	73	73	70	70	70
1	68	65	62	66	63	61	61	58	57
2	61	56	52	60	55	51	53	49	46
3	56	49	44	54	48	43	46	42	39
4	51	43	38	50	42	37	41	36	33
5	47	39	33	46	38	33	37	32	28
6	43	35	29	42	34	29	33	28	25
7	40	31	26	39	31	26	30	25	22
8	37	29	23	36	28	23	27	23	19
9	35	26	21	34	26	21	25	21	17
10	33	24	19	32	24	19	23	19	16

20% FLOOR CAVITY REFLECTANCE

DISTRIBUTION

Zone	Lumens	% Lamp	% Luminaire
0-90	6256	62.6	100
0-180	6256	62.6	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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