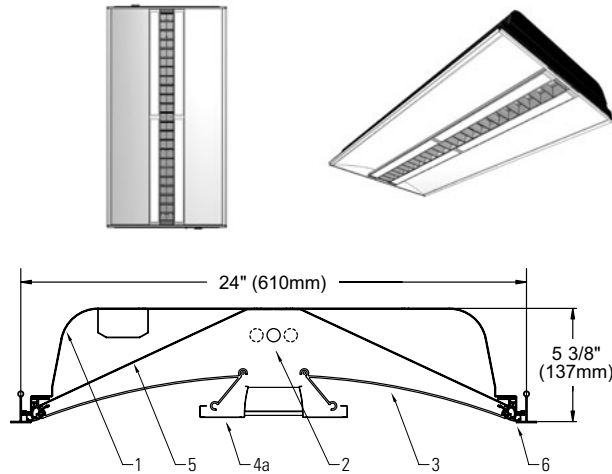


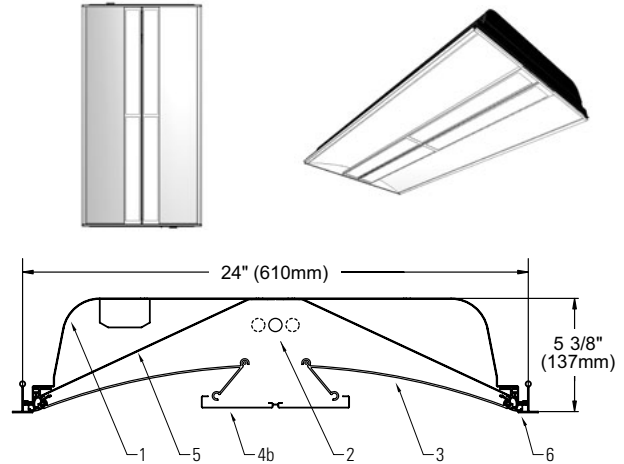
Aletta **ALS2GUL154 or 254**

Page 1 of 2

Architectural Direct/Indirect 2' X 4' Recessed Fluorescent
Static, 2 or 3 Lamp T5HO



Louver w/ Elongated Lens Detail



Panel w/ Elongated Lens Detail

Aletta: Direct/Indirect Recessed Fluorescent	Body Style: S = Static	Fixture Width: 2	Ceiling Type: G = Both Standard Grid and Slot Grid	Housing: U = Individual	Shielding: L = Louver with elongated lens P = Panel with elongated lens	Lamp Quantity: 1 = 1 Lamp 2 = 2 Lamps	Lamp: (By Others) 54 = T5HO 54w (Nominal 24")	Voltage: 120, 277 or UNV = 120-277	Ballast Type: 1 Lamp Elec. T5 HO (54 Watt) 2 Lamp Elec. T5 HO (54 Watt) ††Program Rapid Start (UNV only)	Options: Add appropriate suffix to catalog no., ie: (A)
AL	Standard Aletta									
AY	For NYC Code - I.B.E.W. Manufactured									

Features

- Housing:** Black baked polyester enamel die-formed code gauge cold rolled steel. 20 gauge available for NYC.
- Lamp:** One or Two 54 watt T5HO lamps. (by others)
- Lens Assembly:** Extruded 100% DR Frost acrylic. Spring latch lens hinges, left and right sides independently, downward into the room cavity.
- 4a. Louver:** High purity Semi-Specular, 2-3/4" (6.99cm) opening x 1-3/8" (3.49cm) deep on 2" (5.08cm) ctrs with micro-prismatic side overlays. Elongated lens openings are 21-5/8" (54.93cm) windows.
- 4b. Panel:** 24 gauge powder painted CRS with linear micro-prismatic lens overlays. Elongated lens openings are 22-5/16" (56.67cm) windows.
- Performance Kick Reflector:** .024" (0.06cm) steel with 95% reflective white powder painted.
- 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. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.

Labels

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

Options/Accessories

Fusing: Internal fast blow fusing: SUFFIX: **A**.

Internal slow blow fusing: SUFFIX: **C**.

Radio Interference Filter: To order one RIF per fixture; SUFFIX: **R**.
To order one RIF per ballast; SUFFIX: **B**.

Electrical Wiring Options: Consult factory.

For motion or light sensor: Consult www.lightolier.com ULM Sensor.

Chicago Plenum: SUFFIX: **C**.

Drywall Kit: Order Catalog Number: **FK92X4**.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

Aletta **ALS2GUL154 or 254**

Page 2 of 2

Architectural Direct/Indirect 2' X 4' Recessed Fluorescent
Static, 2 or 3 Lamp T5HO

Photometry

Model No. ALS2GUP154UNVPG

LER = FP - 53.7 IW - 62.1 BF - 1.02

Comparative yearly lighting energy cost per 1000 lumens = \$4.47

Report Number: G2010150
Catalog Number: ALS2GUP154UNVPG
Lamps: (1) F54T5
Luminaire: Aletta 2' X 4' fixture, Panel
with elongated lens.
Ballast: Advance ICN-2S54
Report is based on 4500 Lumens
per lamp.

Efficiency: 72.7%

CIE Type-Direct-Indirect

Plane: 0-Deg 90-Deg

Spacing Criteria: 1.2 1.1

Shielding Angles: 90 90

Plane: 0-Deg 90-Deg

Luminous Length: 46.680 22.230

Candela Distribution

	0.0	45.0	90.0	FLUX
0	1372	1372	1372	
5	1361	1260	1195	119
15	1302	1107	1124	322
25	1188	1023	1043	482
35	1023	889	935	573
45	817	736	805	584
55	603	571	645	523
65	399	397	448	398
75	201	221	230	226
85	38	35	28	46
90	0	0	0	

Model No. ALS2GUP254UNVPG

LER = FP - 51.9 IW - 110.7 BF - 1.0

Comparative yearly lighting energy cost per 1000 lumens = \$4.63

Report Number: G2010145
Catalog Number: ALS2GUP254UNVPG
Lamps: (2) F54T5
Luminaire: Aletta 2' X 4' fixture, Panel
with elongated lens.
Ballast: Advance ICN-2S54
Report is based on 4500 Lumens
per lamp.

Efficiency: 63.8%

CIE Type-Direct-Indirect

Plane: 0-Deg 90-Deg

Spacing Criteria: 1.2 1.3

Shielding Angles: 90 90

Plane: 0-Deg 90-Deg

Luminous Length: 46.680 22.230

Candela Distribution

	0.0	45.0	90.0	FLUX
0	2015	2015	2015	
5	1999	2016	2025	193
15	1911	2096	2048	568
25	1740	1800	1843	845
35	1498	1578	1675	1003
45	1200	1317	1441	1018
55	896	1026	1157	914
65	611	715	816	704
75	325	405	419	406
85	70	66	56	86
90	0	0	0	

Coefficients of Utilization ~ Zonal Cavity Method. Effective Floor Cavity Reflectance 0.20

RC	80	50	30	10	50	30	10
RW	70	50	30	10	50	30	10
1	79	76	73	71	69	67	66
2	72	66	61	62	58	55	57
3	66	58	52	55	50	46	53
4	60	52	45	49	45	39	47
5	55	46	40	44	38	34	42
6	51	41	35	39	34	30	38
7	47	38	31	36	30	27	35
8	44	34	28	33	28	24	32
9	41	32	26	30	25	21	30
10	39	29	23	28	23	19	27

Luminance Data in Candela/Sq. Meter

Average IN Deg.	Average 0-Deg.	Average 45-Deg.	Average 90-Deg.
45	1728.	1556.	1702.
55	1572.	1488.	1681.
65	1412.	1405.	1585.
75	1161.	1277.	1329.
85	652.	600.	480.

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt.
00-030	923	20.5	28.2
00-040	1496	33.3	45.7
00-060	2603	57.9	79.5
00-090	3273	72.7	100.0
90-180	0	0.0	0.0
00-180	3273	72.7	100.0

Coefficients of Utilization ~ Zonal Cavity Method. Effective Floor Cavity Reflectance 0.20

RC	80	50	30	10	50	30	10
RW	70	50	30	10	50	30	10
1	69	66	64	62	60	58	57
2	63	58	54	54	51	48	47
3	58	51	46	58	44	40	46
4	53	45	39	43	38	34	41
5	48	40	34	38	33	30	37
6	45	36	31	34	30	26	33
7	41	33	27	31	27	23	30
8	39	30	25	29	24	21	28
9	36	28	22	26	22	19	26
10	34	25	20	24	20	17	24

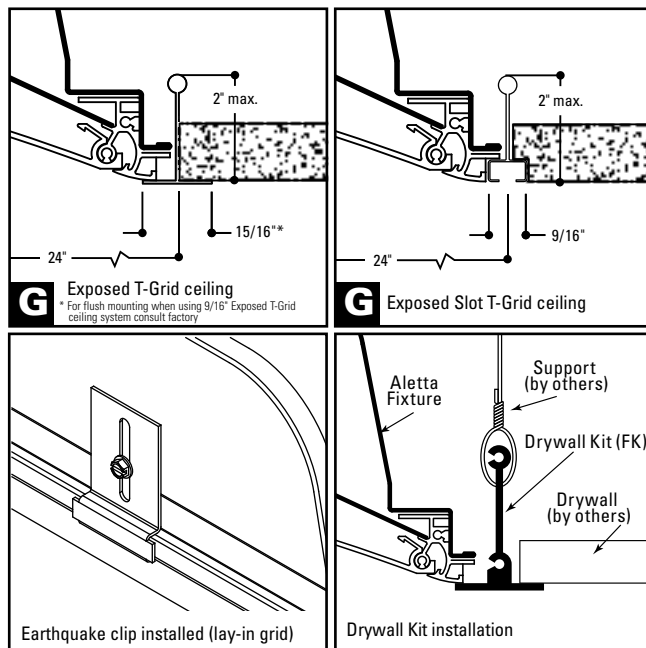
Luminance Data in Candela/Sq. Meter

Average IN Deg.	Average 0-Deg.	Average 45-Deg.	Average 90-Deg.
45	2537.	2785.	3047.
55	2336.	2675.	3016.
65	2162.	2530.	2887.
75	1877.	2340.	2421.
85	1201.	1132.	961.

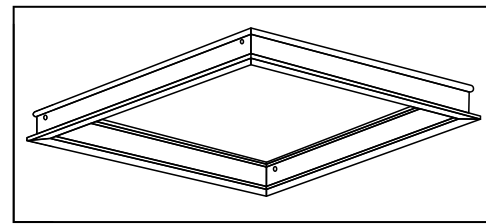
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt.
00-030	1606	17.8	28.0
00-040	2609	29.0	45.5
00-060	4541	50.5	79.1
00-090	5738	63.8	100.0
90-180	0	0.0	0.0
00-180	5738	63.8	100.0

Mounting Methods



Mounting Accessory



Drywall Conversion Kit

for individual units only

Drywall Kit: Order Catalog Number: **FK92X4.**

Job Information

Type:

For factory technical information: (978) 567-7600 • Fax (978) 658-0595
631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
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