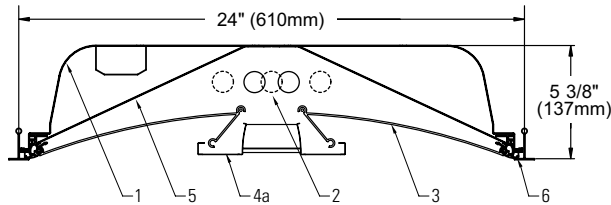


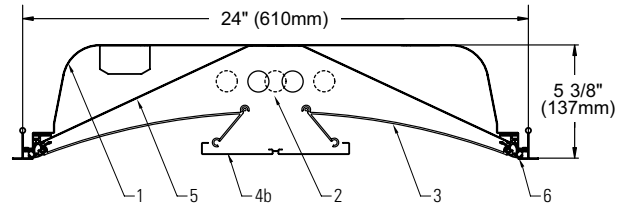
Aletta **ALS2GUL217 or 317**

Page 1 of 2

Architectural Direct/Indirect 2' X 2' Recessed Fluorescent
Static, 2 or 3 Lamp T8



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: 2 = 2 Lamps 3 = 3 Lamps	Lamp: (By Others) 17 = T8 (Nominal 24")	Voltage: 120, 277 or UNV = 120-277	Ballast Type: <10THD HI * H3 * PS	Options: Add appropriate suffix to catalog no., ie: (A)
AL	Standard Aletta									
AY	For NYC Code - I.B.E.W. Manufactured									

1 or 2 Lamp Elec. T8
1-3 Lamp Elec. T8
LOL Dimming T8
*Instant Start Standard
Other dimming options consult factory.
NOTE: For T8 UNV you must use

Features

- Housing:** Black baked polyester enamel die-formed code gauge cold rolled steel. 20 gauge available for NYC.
- Lamp:** Two or Three 17 watt T8 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 21-3/8" (54.29cm) windows.
- 5. Performance Kick Reflector:** .024" (0.06cm) steel with 95% reflective white powder painted.
- 6. 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.lighttolier.com ULM Sensor.
- Chicago Plenum:** SUFFIX: **C**.
- Drywall Kit:** Order Catalog Number: **FK92X2**.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

Aletta **ALS2GUL217 or 317**

Page 2 of 2

Architectural Direct/Indirect 2' X 2' Recessed Fluorescent
Static, 2 or 3 Lamp T8

Photometry

Model No. ALS2GUP217UNVHI

LER = FP - 57.1 IW - 31.2 BF - 0.93

Comparative yearly lighting energy cost per 1000 lumens = \$4.21

Report Number: G2010109
Catalog Number: ALS2GUP217UNVHI
Lamps: (2) F17T8
Luminaire: Aletta 2' X 2' fixture, Panel
with elongated lens.
Ballast: Advance ICN-2P32-N
Report is based on 1400 Lumens
per lamp.

Efficiency: 68.4%

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: 22.800 21.960

Candela Distribution

	0.0	45.0	90.0	FLUX
0	796	796	796	
5	788	794	804	76
15	745	755	751	212
25	663	662	647	304
35	552	530	524	336
45	426	394	389	311
55	297	276	343	269
65	182	208	295	222
75	91	146	198	149
85	21	34	36	37
90	0	0	0	

Model No. ALS2GUP317UNVHI

LER = FP - 54.2 IW - 45.1 BF - 0.92

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

Report Number: G2010144
Catalog Number: ALS2GUP317UNVHI
Lamps: (3) F17T8
Luminaire: Aletta 2' X 2' fixture, Panel
with elongated lens
Ballast: Advance ICN-3P32-SC
Report is based on 1400 Lumens
per lamp.

Efficiency: 63.3%

CIE Type-Direct-Indirect

Plane: 0-Deg 90-Deg

Spacing Criteria: 1.1 1.4

Shielding Angles: 90 90

Plane: 0-Deg 90-Deg

Luminous Length: 22.800 21.960

Candela Distribution

	0.0	45.0	90.0	FLUX
0	973	973	973	
5	970	969	971	92
15	913	911	936	260
25	811	852	919	395
35	664	763	862	476
45	504	624	744	480
55	361	471	590	424
65	240	319	415	320
75	123	173	214	179
85	25	25	22	34
90	0	0	0	

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

RC	70	80	50	30	10	50	30	10
RW	70	50	30	10	50	30	10	50
1	74	71	68	67	65	63	64	62
2	68	62	58	58	55	52	56	53
3	62	55	49	52	47	44	50	46
4	57	49	43	46	41	38	45	40
5	53	44	38	42	37	33	40	36
6	49	40	34	38	33	29	37	32
7	45	36	30	35	29	26	34	29
8	42	33	27	32	27	23	31	26
9	40	31	25	29	24	21	29	24
10	37	28	23	27	23	19	27	22

Luminance Data in Candela/Sq. Meter

Average IN Deg.	Average 0-Deg.	Average 45-Deg.	Average 90-Deg.
45	1815.	1678.	1657.
55	1560.	1450.	1801.
65	1297.	1483.	2103.
75	1059.	1699.	2304.
85	726.	1175.	1244.

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt.
00-030	592	21.2	30.9
00-040	928	33.2	48.5
00-060	1507	53.8	78.7
00-090	1916	68.4	100.0
90-180	0	0.0	0.0
00-180	1916	63.8	100.0

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

RC	70	80	50	30	10	50	30	10
RW	70	50	30	10	50	30	10	50
1	69	66	63	62	60	58	58	56
2	63	58	53	54	51	48	52	49
3	57	51	46	48	44	40	46	43
4	52	45	39	42	38	34	41	37
5	48	40	34	38	33	30	37	33
6	45	36	31	34	30	26	33	29
7	41	33	27	31	27	23	30	26
8	39	30	25	29	24	21	28	24
9	36	27	22	26	22	19	26	22
10	34	25	20	24	20	17	24	20

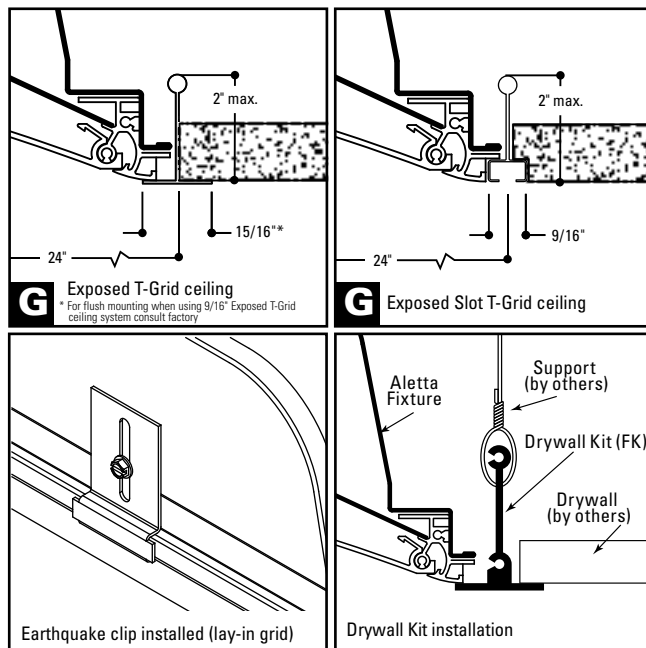
Luminance Data in Candela/Sq. Meter

Average IN Deg.	Average 0-Deg.	Average 45-Deg.	Average 90-Deg.
45	2206.	2731.	3256.
55	1948.	2541.	3183.
65	1757.	2336.	3039.
75	1471.	2069.	2559.
85	888.	888.	781.

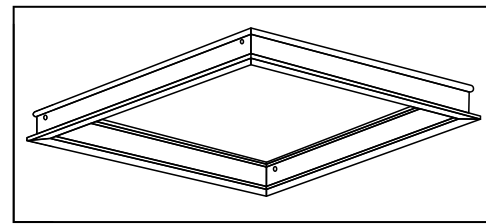
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt.
00-030	747	17.8	28.1
00-040	1223	29.1	46.0
00-060	2126	50.6	80.0
00-090	2659	63.3	100.0
90-180	0	0.0	0.0
00-180	2659	63.3	100.0

Mounting Methods



Mounting Accessory



Drywall Conversion Kit

for individual units only

Drywall Kit: Order Catalog Number: **FK92X2**.

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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