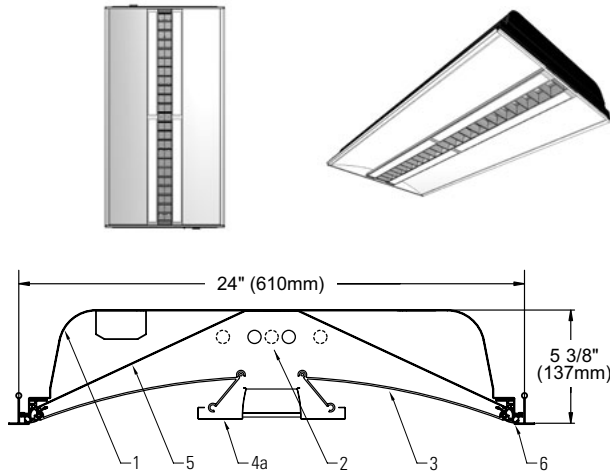


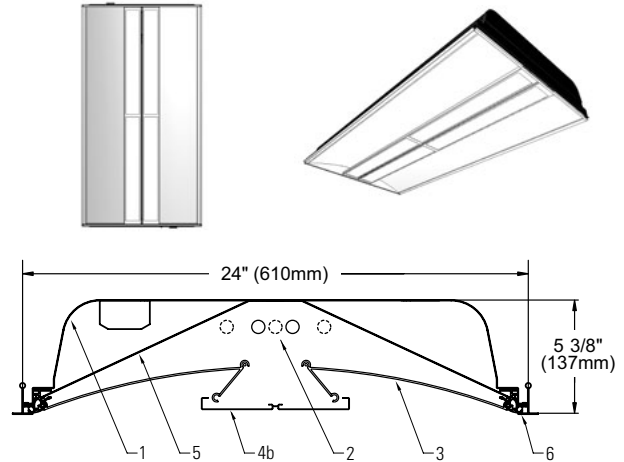
Aletta **ALS2GUL228 or 328**

Page 1 of 2

Architectural Direct/Indirect 2' X 4' Recessed Fluorescent
Static, 2 or 3 Lamp T5



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) 28 = T5 28w (Nominal 24")	Voltage: 120, 277 or UNV = 120-277	Ballast Type: 1 or 2 Lamp 28W Elec. T5 WA = Linear T5 Instant Start less than 10THD 56 Input Watts 0.93 Ballast Factor Three lamp PG designation will result in fixture built utilizing two ballasts. Other dimming options. Consult factory. †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:** Two or Three 28 watt T5 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.

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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: **FK92X4**.

Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Notes:

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Aletta **ALS2GUL228 or 328**

Page 2 of 2

Architectural Direct/Indirect 2' X 4' Recessed Fluorescent
Static, 2 or 3 Lamp T5

Photometry

Model No. ALS2GUP228UNVPG

LER = FP - 63.8 IW - 61.75 BF - 1.03

Comparative yearly lighting energy cost per 1000 lumens = \$3.76

Report Number: G2010123
Catalog Number: ALS2GUP228UNVPG
Lamps: (2) F28T5
Luminaire: Aletta 2' X 4' fixture, Panel
with elongated lens.
Ballast: Advance ICN-2S28
Report is based on 2600 Lumens
per lamp.

Efficiency: 73.6%

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	1319	1319	1319	
5	1309	1317	1321	126
15	1249	1367	1343	370
25	1136	1167	1188	548
35	985	1020	1105	657
45	802	860	987	679
55	605	681	816	623
65	409	484	586	486
75	214	275	298	280
85	45	42	37	57
90	0	0	0	

Model No. ALS2GUP328UNVPG

LER = FP - 61.3 IW - 89.8 BF - 1.0

Comparative yearly lighting energy cost per 1000 lumens = \$3.91

Report Number: G2010192
Catalog Number: ALS2GUP328UNVPG
Lamps: (3) F28T5
Luminaire: Aletta 2' X 4' fixture, Panel
with elongated lens.
Ballast: Advance ICN-2S28-N
Report is based on 2600 Lumens
per lamp.

Efficiency: 70.6%

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	1956	1956	1956	
5	1944	1904	1873	181
15	1863	1806	1856	516
25	1707	1723	1824	800
35	1480	1585	1643	971
45	1193	1292	1382	990
55	893	990	1089	884
65	606	684	777	678
75	321	390	411	396
85	72	70	60	90
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	80	76	73	72	69	67	65
2	73	67	61	63	59	55	54
3	66	58	52	55	50	46	45
4	61	52	45	49	43	39	42
5	56	46	39	44	38	34	37
6	51	41	35	39	34	30	33
7	48	38	31	36	30	26	29
8	44	34	28	33	27	23	27
9	41	31	25	30	25	21	25
10	39	29	23	28	23	19	22

Luminance Data in Candela/Sq. Meter

Average IN Deg.	Average 0-Deg.	Average 45-Deg.	Average 90-Deg.
45	1678.	1779.	2065.
55	1561.	1757.	2105.
65	1432.	1694.	2052.
75	1223.	1572.	1704.
85	764.	713.	628.

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt.
00-030	1044	20.1	27.3
00-040	1701	32.7	44.5
00-060	3003	57.7	78.5
00-090	3826	73.6	100.0
90-180	0	0.0	0.0
00-180	3826	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	77	73	70	69	67	64	62
2	70	64	59	60	56	53	52
3	64	56	50	53	48	44	47
4	58	50	43	47	42	38	41
5	53	44	38	42	37	33	36
6	49	40	34	38	33	29	32
7	46	36	30	34	29	25	29
8	43	33	27	32	26	23	26
9	40	30	24	29	24	20	24
10	37	28	24	27	22	18	22

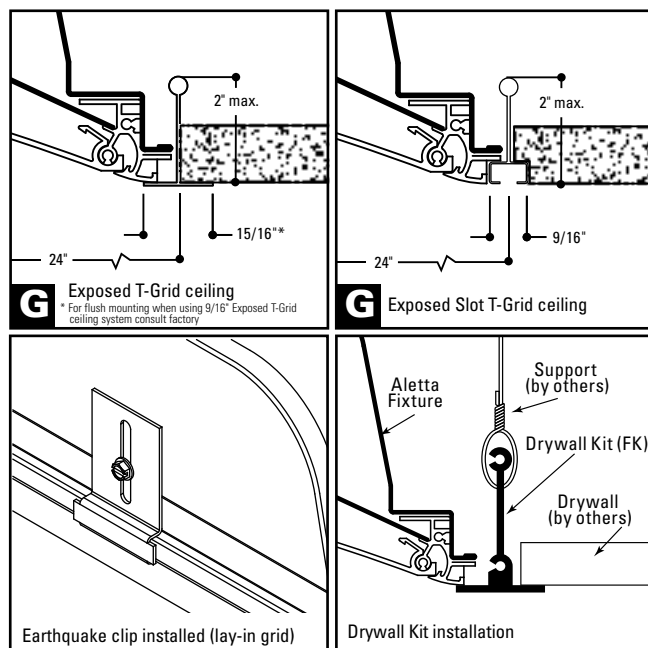
Luminance Data in Candela/Sq. Meter

Average IN Deg.	Average 0-Deg.	Average 45-Deg.	Average 90-Deg.
45	2586.	2801.	2996.
55	2386.	2646.	2910.
65	2198.	2481.	2818.
75	1901.	2310.	2434.
85	1266.	1231.	1055.

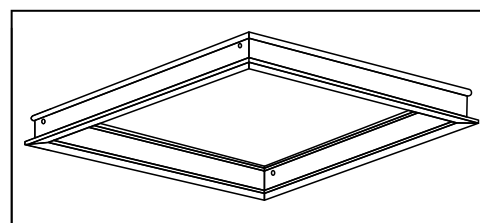
Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt.
00-030	1496	19.2	27.2
00-040	2467	31.6	44.8
00-060	4341	55.7	78.9
00-090	5505	70.6	100.0
90-180	0	0.0	0.0
00-180	5505	70.6	100.0

Mounting Methods



Mounting Accessory



Drywall Conversion Kit

for individual units only

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

Job Information

Type:

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