

# PHILIPS LIGHTOLIER

# Aletta **ALS2GUL232 or 332**

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Architectural Direct/Indirect 2' X 4' Recessed Fluorescent  
Static, 2 or 3 Lamp T8

## Photometry

### Model No. ALS2GUP232UNVHI

LER = FP - 64.6 IW - 59.0 BF - 0.88

Comparative yearly lighting energy cost per 1000 lumens = \$3.72

Report Number: G2010117  
Catalog Number: ALS2GUP232UNVHI  
Lamps: (2) F32T8  
Luminaire: Aletta 2' X 4' fixture, Panel  
with elongated lens.  
Ballast: Advance ICN-2P32-N  
Report is based on 3100 Lumens  
per lamp.  
Efficiency: 69.8%  
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	1505	1505	1505	
5	1492	1515	1543	145
15	1422	1493	1501	418
25	1295	1358	1353	621
35	1123	1156	1241	739
45	923	967	1092	765
55	713	761	906	702
65	486	541	654	551
75	252	311	343	320
85	52	47	40	65
90	0	0	0	

### Model No. ALS2GUP332UNVH3

LER = FP - 62.2 IW - 85.18 BF - 0.88

Comparative yearly lighting energy cost per 1000 lumens = \$3.86

Report Number: G2010153  
Catalog Number: ALS2GUP332UNVH3  
Lamps: (3) F32T8  
Luminaire: Aletta 2' X 4' fixture, Panel  
with elongated lens  
Ballast: Advance ICN-3P32-SC  
Report is based on 3100 Lumens  
per lamp.  
Efficiency: 64.7%  
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	2119	2119	2119	
5	2104	2115	2120	201
15	2016	2021	2072	575
25	1844	1916	2043	887
35	1595	1749	1802	1068
45	1283	1413	1517	1085
55	959	1080	1187	963
65	650	739	833	731
75	342	415	435	420
85	72	66	53	88
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	76	73	70	68	66	64	65	63
1	69	63	58	59	56	52	57	54
2	63	55	50	52	48	44	50	46
3	57	49	43	46	41	37	45	40
4	53	44	37	41	36	32	40	35
5	49	39	33	37	32	28	36	31
6	45	36	30	34	29	25	33	28
7	42	33	27	31	26	22	30	26
8	39	30	24	29	24	20	28	23
9	37	28	22	27	22	18	26	21
10	37	28	22	27	22	18	26	21

#### Luminance Data in Candela/Sq. Meter

Average IN Deg.	Average 0-Deg.	Average 45-Deg.	Average 90-Deg.
45	1931.	2023.	2285.
55	1839.	1963.	2337.
65	1701.	1894.	2290.
75	1441.	1778.	1961.
85	883.	798.	679.

#### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt.
00-030	1184	19.1	27.4
00-040	1924	31.0	44.5
00-060	3391	54.7	78.4
00-090	4328	69.8	100.0
90-180	0	0.0	0.0
00-180	4328	69.8	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	67	65	63	61	59	61	59
1	64	59	54	55	52	49	53	50
2	58	52	46	49	44	41	47	43
3	53	46	42	43	39	35	42	38
4	49	41	35	39	34	30	37	33
5	45	37	31	35	30	26	34	30
6	42	33	28	32	27	23	31	26
7	39	30	25	29	24	21	28	24
8	37	28	23	27	22	19	26	22
9	34	26	21	25	20	17	24	20
10	34	26	21	25	20	17	24	20

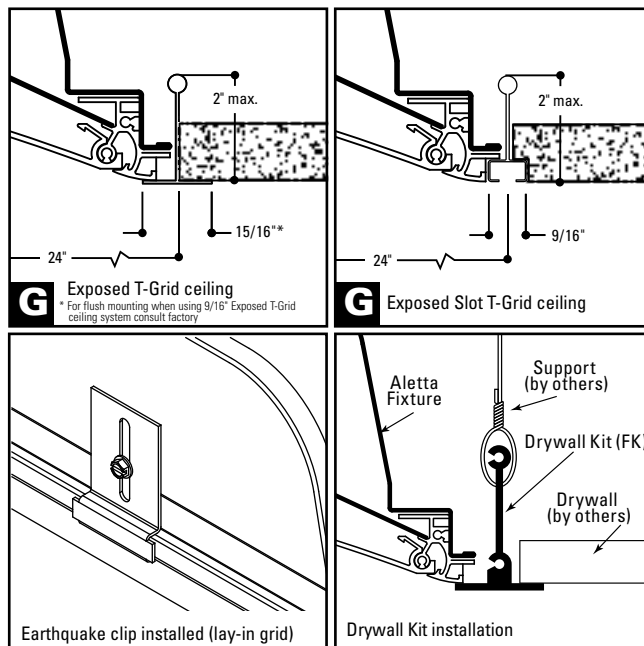
#### Luminance Data in Candela/Sq. Meter

Average IN Deg.	Average 0-Deg.	Average 45-Deg.	Average 90-Deg.
45	2713.	2988.	3208.
55	2500.	2815.	3094.
65	2300.	2614.	2947.
75	1976.	2397.	2513.
85	1235.	1132.	909.

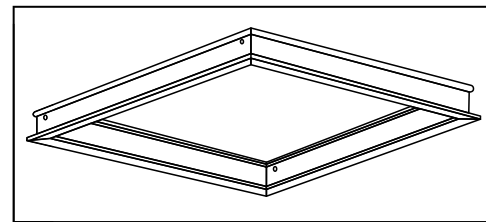
#### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixt.
00-030	1663	17.9	27.6
00-040	2731	29.4	45.4
00-060	4779	51.4	79.4
00-090	6018	64.7	100.0
90-180	0	0.0	0.0
00-180	6018	64.7	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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