

# PHOTOMETRICS

## Luminaire Information

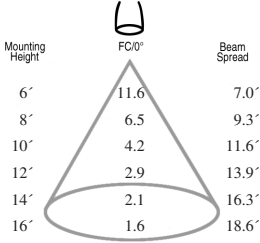
**Product Number:** 68213E1 / 6821CL

**Frame:** 6" Horizontal Quad Tube Compact Fluorescent Enclosed Luminaire

**Reflector:** 6" Horizontal Specular Clear "Alzak"® Reflector w/ Clear Splay & Prismatic Lens

**Ceiling Type:** Direct    **Efficiency:** 38.8%    **Lamp(s):** (2) 13W 4 Pin G24Q - 1 Base    **Lumens:** 1800    **LTL Test Number:** 05841

### Cone Of Light



### Zonal Lumen Summary

Zone	Lumens	% Lamp
0-30	326	18.1
0-40	488	27.0
0-60	657	36.5
0-90	698	38.8
90-180	0	0.0
0-180	698	38.8

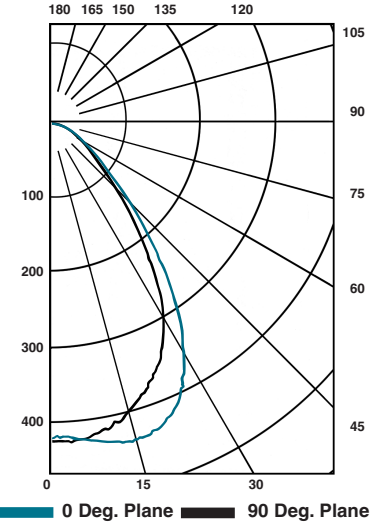
### Reflector Multipliers

Reflector Finish	Multiplier
Specular Wheat	.97
Specular Black	.70
Specular Pewter	.96
Matte White	.95

### Coefficients Of Utilization

RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	46	46	46	46	45	45	45	45	43	43	43	41	41	41	40	40	40	39	39	39	39
1	44	42	41	40	43	42	41	40	40	39	38	39	38	37	37	37	36	35	35	35	35
2	41	39	37	35	40	38	36	35	37	35	34	36	34	33	34	34	33	32	32	32	32
3	38	35	33	31	38	35	33	31	34	32	31	33	31	30	32	31	30	29	29	29	29
4	36	32	30	28	35	32	30	28	31	29	27	30	28	27	29	28	27	26	26	26	26
5	33	30	27	25	33	29	27	25	28	26	24	28	26	24	27	25	24	23	23	23	23
6	31	27	24	22	31	27	24	22	26	24	22	26	24	22	25	23	22	21	21	21	21
7	29	25	22	20	29	25	22	20	24	22	20	24	21	20	23	21	20	19	19	19	19
8	27	23	20	18	27	23	20	18	22	20	18	22	19	18	21	19	18	17	17	17	17
9	25	21	18	16	25	21	18	16	20	18	16	20	17	16	19	17	16	15	15	15	15
10	24	19	16	14	23	19	16	14	18	16	14	18	16	14	18	16	14	14	14	14	14

Effective Floor Cavity Reflectance: 0.20



## Luminaire Information

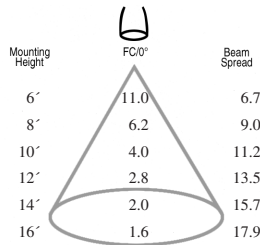
**Product Number:** 68213E1 / 6822CL

**Frame:** 6" Horizontal Quad Tube Compact Fluorescent Enclosed Luminaire

**Reflector:** 6" Horizontal Specular Clear "Alzak"® Reflector w/ Clear Splay & Fresnel Lens

**Ceiling Type:** Direct    **Efficiency:** 39.3%    **Lamp(s):** (2) 13W 4 Pin G24Q - 1 Base    **Lumens:** 1800    **LTL Test Number:** 05842

### Cone Of Light



### Zonal Lumen Summary

Zone	Lumens	% Lamp
0-30	345	19.2
0-40	483	26.8
0-60	660	36.6
0-90	708	39.3
90-180	0	0.0
0-180	708	39.3

### Reflector Multipliers

Reflector Finish	Multiplier
Specular Wheat	.97
Specular Black	.70
Specular Pewter	.96
Matte White	.95

### Coefficients Of Utilization

RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
0	47	47	47	47	46	46	46	46	44	44	44	42	42	42	40	40	40	39	39	39	39
1	44	43	42	41	43	42	41	40	41	40	39	39	38	38	38	37	37	36	36	36	36
2	42	39	37	36	41	39	37	35	37	36	35	36	35	34	35	34	33	32	32	32	32
3	39	36	34	32	38	35	33	31	34	32	31	33	32	30	32	31	30	29	29	29	29
4	36	33	30	28	36	32	30	28	31	29	28	31	29	27	30	28	27	26	26	26	26
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7	30	25	22	20	29	25	22	20	24	22	20	24	22	20	23	22	20	19	19	19	19
8	28	23	20	18	27	23	20	18	22	20	18	22	20	18	22	20	18	17	17	17	17
9	26	21	18	16	25	21	18	16	20	18	16	20	18	16	20	18	16	16	16	16	16
10	24	19	17	15	24	19	17	15	19	16	15	19	16	15	18	16	15	14	14	14	14

Effective Floor Cavity Reflectance: 0.20

