

# PHOTOMETRICS

## Luminaire Information

**Product Number:** 68213E1 / 6810CL

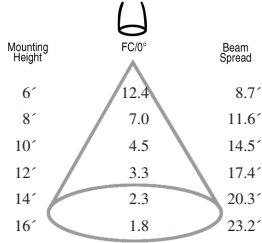
**Frame:** 6" Horizontal Quad Tube Compact Fluorescent Open Luminaire

**Reflector:** 6" Horizontal Specular Clear "Alzak<sup>®</sup>" Reflector

**Ceiling Type:** Direct **Efficiency:** 59.7% **Lamp(s):** (2) 13W 4 Pin G24Q - 1 Base

**Lumens:** 1800 **LTL Test Number:** 05840

## Cone Of Light



## Zonal Lumen Summary

Zone	Lumens	% Lamp
0-30	435	24.2
0-40	711	39.4
0-60	1074	60.6
0-90	1074	60.9
90-180	0	0.0
0-180	1074	60.9

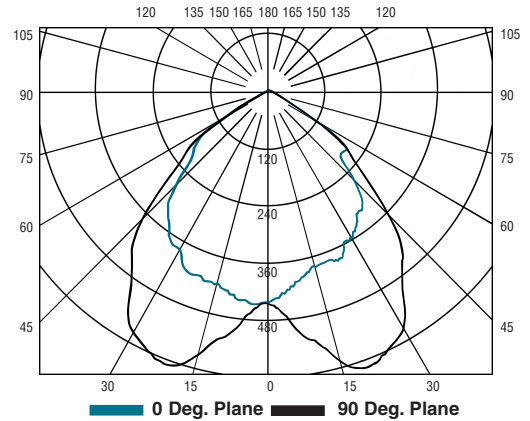
## Reflector Multipliers

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	71	71	71	71	69	69	69	69	66	66	66	63	63	63	61	61	61	60	60	60	60
1	67	65	64	62	66	64	62	61	61	60	59	59	58	57	57	56	56	55	55	55	55
2	63	60	57	55	62	59	56	54	57	55	53	55	53	52	53	52	51	50	50	50	50
3	59	55	51	48	58	54	51	48	52	49	47	51	48	46	49	47	46	45	45	45	45
4	55	50	46	43	54	49	45	43	48	45	42	46	44	42	45	43	41	40	40	40	40
5	51	45	41	38	50	45	41	38	44	40	37	42	39	37	41	39	37	36	36	36	36
6	48	41	37	34	47	41	37	34	40	36	33	39	36	33	38	35	33	32	32	32	32
7	44	37	33	30	43	37	33	30	36	32	30	35	32	29	35	32	29	28	28	28	28
8	41	34	29	26	40	33	29	26	33	29	26	32	28	26	31	28	26	25	25	25	25
9	38	30	26	23	37	30	26	23	29	25	23	29	25	23	28	25	23	22	22	22	22
10	35	28	23	20	34	27	23	20	27	23	20	26	23	20	26	22	20	19	19	19	19

Effective Floor Cavity Reflectance: 0.20



## Luminaire Information

**Product Number:** 68218E1 / 6810CL

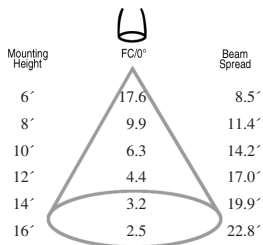
**Frame:** 6" Horizontal Quad Tube Compact Fluorescent Enclosed Luminaire

**Reflector:** 6" Horizontal Specular Clear "Alzak<sup>®</sup>" Reflector

**Ceiling Type:** Direct **Efficiency:** 60.9% **Lamp(s):** (2) 18W 4 Pin G24Q - 2 Base

**Lumens:** 2500 **LTL Test Number:** 05843

## Cone Of Light



## Zonal Lumen Summary

Zone	Lumens	% Lamp
0-30	606	24.2
0-40	984	39.4
0-60	1516	60.6
0-90	1522	60.9
90-180	0	0.0
0-180	1522	60.9

## 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	72	72	72	72	71	71	71	71	68	68	68	65	65	65	62	62	62	61	61	61	61
1	68	66	65	63	67	65	64	62	63	61	60	60	59	58	58	57	57	56	56	56	56
2	64	61	58	56	63	60	57	55	58	56	54	56	54	53	54	53	51	50	50	50	50
3	60	56	52	49	59	55	51	49	53	50	48	52	49	47	50	48	46	45	45	45	45
4	56	51	47	43	55	50	46	43	48	45	43	47	44	42	46	44	42	41	41	41	41
5	52	46	42	38	51	45	41	38	44	41	38	43	40	38	42	39	37	36	36	36	36
6	49	42	37	34	47	41	37	34	40	37	34	39	36	34	39	36	33	32	32	32	32
7	45	38	33	30	44	37	33	30	37	33	30	36	32	30	35	32	30	28	28	28	28
8	41	34	30	26	41	34	29	26	33	29	26	32	29	26	32	28	26	25	25	25	25
9	38	31	26	23	37	30	26	23	30	26	23	29	25	23	28	25	23	22	22	22	22
10	35	28	23	20	35	28	23	20	27	23	20	26	23	20	26	22	20	19	19	19	19

Effective Floor Cavity Reflectance: 0.20

