

# PHOTOMETRICS

## Luminaire Information

**Product Number:** 85113E1 / 8610CL

**Frame:** 8" Vertical Quad Tube Compact Fluorescent Open Luminaire

**Reflector:** 8" Vertical Specular Clear "Alzak®" Reflector

**Ceiling Type:** Recessed

**Efficiency:** 59.5%

**Lamp(s):** (1) 13W 4 Pin G24Q - 1 Base

**Lumens:** 900

**LTL Test Number:** 06123

## Candela Distribution

Degrees	Candela
0	474
5	508
15	380
25	356
35	235
45	82
55	7
65	0
75	0

## Zonal Lumen Summary

Zone	Lumens	% Lamp
0-30	316	35.1
0-40	460	51.1
0-60	536	59.5
0-90	536	59.5
90-180	0	0.0
0-180	536	59.5

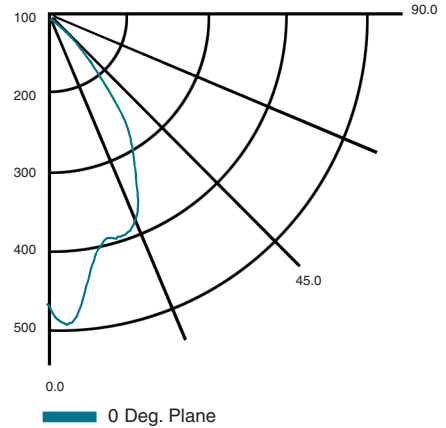
## Reflector Multipliers

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	0		
0	71	71	71	71	69	69	69	69	66	66	66	63	63	63	61	61	61	60	60		
1	68	66	65	63	66	65	63	62	62	61	60	60	59	58	58	57	57	56	56		
2	64	61	59	57	63	60	58	56	58	57	55	57	55	54	55	54	53	52	52		
3	61	57	54	52	60	56	53	51	55	52	50	53	51	50	52	50	49	48	48		
4	58	53	50	47	56	52	49	47	51	48	46	50	48	46	49	47	45	44	44		
5	54	49	46	43	53	49	45	43	48	45	42	47	44	42	46	43	42	41	41		
6	51	46	42	40	51	46	42	40	45	42	39	44	41	39	43	41	39	38	38		
7	49	43	39	36	48	42	39	36	42	38	36	41	38	36	40	38	36	35	35		
8	46	39	36	33	45	39	36	33	38	35	33	38	35	33	37	35	33	32	32		
9	43	36	33	30	42	36	32	30	35	32	30	35	32	30	34	32	30	29	29		
10	40	34	30	27	39	33	30	27	33	29	27	32	29	27	32	29	27	26	26		

**Effective Floor Cavity Reflectance:** 0.20



## Luminaire Information

**Product Number:** A85126E1 / 8610CL

**Frame:** 8" Vertical Quad Tube Compact Fluorescent Enclosed Luminaire

**Reflector:** 8" Vertical Specular Clear "Alzak®" Reflector Enclosed w/Specular Clear Splay and Prismatic Lens

**Ceiling Type:** Recessed

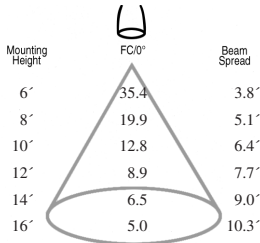
**Efficiency:** 48.8%

**Lamp(s):** (1) 26W 4 Pin G24Q - 3 Base

**Lumens:** 1800

**LTL Test Number:** 06124

## Cone Of Light



## Zonal Lumen Summary

Zone	Lumens	% Lamp
0-30	602	33.4
0-40	797	44.3
0-60	878	48.8
0-90	878	48.8
90-180	0	0.0
0-180	878	48.8

## 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	0		
0	58	58	58	58	57	57	57	57	54	54	54	52	52	52	50	50	50	49	49		
1	56	54	53	52	54	53	52	51	51	51	50	49	49	48	48	47	47	46	46		
2	53	51	49	47	52	50	48	47	48	47	46	47	46	45	46	45	44	43	43		
3	51	48	45	43	50	47	45	43	46	44	42	44	43	42	43	42	41	40	40		
4	48	45	42	40	47	44	42	40	43	41	39	42	40	39	41	40	38	38	38		
5	46	42	39	37	45	41	39	37	40	38	36	40	38	36	39	37	36	35	35		
6	44	39	37	35	43	39	36	34	38	36	34	38	36	34	37	35	34	33	33		
7	41	37	34	32	41	37	34	32	36	34	32	35	33	32	35	33	32	31	31		
8	39	35	32	30	39	34	32	30	34	31	30	33	31	29	33	31	29	29	29		
9	37	32	29	27	36	32	29	27	32	29	27	31	29	27	31	29	27	26	26		
10	35	30	27	25	34	30	27	25	29	27	25	29	27	25	29	27	25	24	24		

**Effective Floor Cavity Reflectance:** 0.20

