

# PHOTOMETRICS

## Luminaire Information

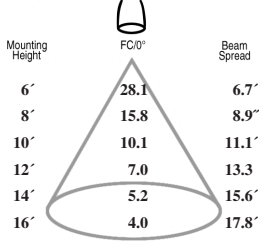
**Product Number:** 85132E1/2 / 8610CL

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

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

**Ceiling Type:** Direct    **Efficiency:** 52.8%    **Lamp(s):** (1) 32W 4 Pin G24Q - 1 Base    **Lumens:** 2400    **LTL Test Number:** 06125

## Cone Of Light



## Zonal Lumen Summary

Zone	Lumens	% Lamp
0-30	795	33.1
0-40	1124	46.8
0-60	1268	52.8
0-90	1268	52.8
90-180	0	0.0
0-180	1268	52.8

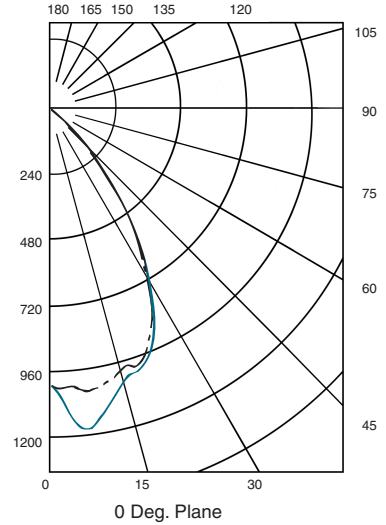
## Reflector Multipliers

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	RW	70	50	30	10	RW	50	30	10	RW	50	30	10	RW	50		30	10
0	63	63	63	63	61	61	61	61	59	59	59	56	56	56	54	54	54	53					
1	60	59	57	56	59	58	56	55	55	54	54	53	53	52	52	51	51	50					
2	57	55	53	51	56	54	52	50	52	50	49	50	49	48	49	48	47	46					
3	54	51	48	46	53	50	48	46	49	47	45	48	46	44	46	45	44	43					
4	51	47	44	42	50	47	44	42	46	43	41	45	43	41	44	42	41	40					
5	49	44	41	39	48	44	41	38	43	40	38	42	40	38	41	39	37	37					
6	46	41	38	36	45	41	38	36	40	37	35	39	37	35	39	37	35	34					
7	44	39	35	33	43	38	35	33	38	35	33	37	34	33	36	34	32	32					
8	41	36	32	30	40	35	32	30	35	32	30	34	32	30	34	31	30	29					
9	38	33	30	27	38	33	30	27	32	29	27	32	29	27	31	29	27	26					
10	36	31	27	25	35	30	27	25	30	27	25	29	27	25	29	27	25	24					

**Effective Floor Cavity Reflectance:** 0.20



## Luminaire Information

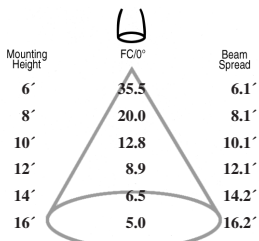
**Product Number:** 85142E1/2 / 8610CL

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

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

**Ceiling Type:** Direct    **Efficiency:** 42.3%    **Lamp(s):** (1) 42W 4 Pin G24Q - 1 Base    **Lumens:** 3200    **LTL Test Number:** 06126

## Cone Of Light



## Zonal Lumen Summary

Zone	Lumens	% Lamp
0-30	921	28.8
0-40	1235	38.6
0-60	1353	42.3
0-90	1353	42.3
90-180	0	0.0
0-180	1353	42.3

## 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	RW	70	50	30	10	RW	50	30	10	RW	50	30	10	RW	50		30	10
0	50	50	50	50	49	49	49	49	47	47	47	45	45	45	43	43	43	42					
1	48	47	46	45	47	46	45	44	44	44	43	43	42	42	41	41	41	40					
2	46	44	42	41	45	43	42	41	42	41	40	41	40	39	39	39	38	37					
3	44	41	39	38	43	41	39	37	39	38	37	38	37	36	38	36	36	35					
4	42	38	36	34	41	38	36	34	37	35	34	36	35	33	35	34	33	32					
5	39	36	34	32	39	36	33	32	35	33	31	34	32	31	33	32	31	30					
6	38	34	31	30	37	34	31	30	33	31	29	32	31	29	32	30	29	28					
7	36	32	29	28	35	31	29	27	31	29	27	30	29	27	30	28	27	26					
8	34	30	27	25	33	29	27	25	29	27	25	28	26	25	28	26	25	24					
9	32	27	25	23	31	27	25	23	27	25	23	26	24	23	26	24	23	22					
10	30	26	23	21	29	25	23	21	25	23	21	25	23	21	24	22	21	21					

**Effective Floor Cavity Reflectance:** 0.20

