

## 8150 Series 6" Compact Fluorescent Housing Photometric Data

### Photometrics Pro Luminaire Report

Lamp Type: 26W  
Lamp Output: 1 lamp(s), rated lamp lumens: 1800  
Max Candela: 578.7 at Horizontal: 0, Vertical: 0  
Input Wattage: 36  
Luminous Opening: Rectangle w/Luminous Sides (L: 9.93ft, W: 9.82ft, H: 10.10ft)  
Test: PHOTOPA 2.0.0.10 PHOTOMETRIC REPORT  
Photometry: Type C  
CIE Class: Direct  
Cutoff Class: Cutoff  
Nema Type: 6H x 6V

### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	314.9	17.5%	35.8%
0-40	503.4	28%	57.2%
0-60	774.6	43%	88%
0-90	880.3	48.9%	100%

Total Efficiency: **48.9%**

### Lumens Per Zone

Zone	Lumens	% Total LU	Zone	Lumens	% Total LU
0-10	46.5	5.3%	90-100	0	0%
10-20	107.1	12.2%	100-110	0	0%
20-30	161.3	18.3%	110-120	0	0%
30-40	188.5	21.4%	120-130	0	0%
40-50	163.9	18.6%	130-140	0	0%
50-60	107.3	12.2%	140-150	0	0%
60-70	33.7	3.8%	150-160	0	0%
70-80	29.4	3.3%	160-170	0	0%
80-90	42.6	4.8%	170-180	0	0%

### Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RC %:	80		70		50		30		10		0		
RW %:	70	50	30	0	70	50	30	0	50	30	0	50	
RCR:	0	58	58	58	58	57	57	57	57	54	54	54	52
	1	53	51	49	47	52	50	48	46	48	47	45	46
	2	49	46	43	39	48	45	42	39	43	41	38	42
	3	46	41	37	33	45	40	37	33	39	36	33	38
	4	42	37	33	29	41	36	33	29	35	32	29	34
	5	39	34	30	25	38	33	29	25	32	29	25	31
	6	37	31	27	23	36	30	26	22	29	26	22	28
	7	34	28	24	20	33	28	24	20	27	24	20	26
	8	32	26	22	18	31	25	22	18	25	21	18	24
	9	30	24	20	17	29	23	20	16	23	20	16	22
	10	28	22	18	15	28	22	18	15	21	18	15	20

