

**PHOTOMETRIC FILENAME :** E39036.IES

**DESCRIPTION**

Esco Lighting Inc. Report# E39036.IES  
6"DIA. OPEN SPECULAR REFLECTOR  
PL26W RATED 1800 LUMENS

**INDOOR REPORT CHARACTERISTICS**

Total Rated Lamp Lumens	1800
Total Luminaire Efficiency	58.7 %
CIE Type	Direct
Spacing Criteria (0-180 Degree)	1.3
Spacing Criteria (90-270 Degree)	1.3
Basic Luminous Shape	POINT

**LUMINANCE DATA (cd/m<sup>2</sup>)**

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

CANDELA TABULATION

	0
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0	379
2.5	393
5	420
7.5	437
10	442
12.5	430
15	408
17.5	387
20	364
22.5	344
25	332
27.5	325
30	318
32.5	310
35	299
37.5	285
40	273
42.5	260
45	246
47.5	232
50	216
52.5	200
55	184
57.5	170
60	158
62.5	143
65	128
67.5	111
70	94
72.5	79
75	62
77.5	47
80	33
82.5	21
85	9
87.5	3
90	0

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	309	17.2	29.3
0-40	495	27.5	46.9
0-60	850	47.2	80.5
0-90	1056	58.7	100.0
90-120	0	.0	.0
90-130	0	.0	.0
90-150	0	.0	.0
90-180	0	.0	.0
0-180	1056	58.7	100.0

Total Luminaire Efficiency = 58.7%

Zone	Lumens
0-10	40
10-20	114
20-30	155
30-40	186
40-50	189
50-60	166
60-70	126
70-80	66
80-90	14

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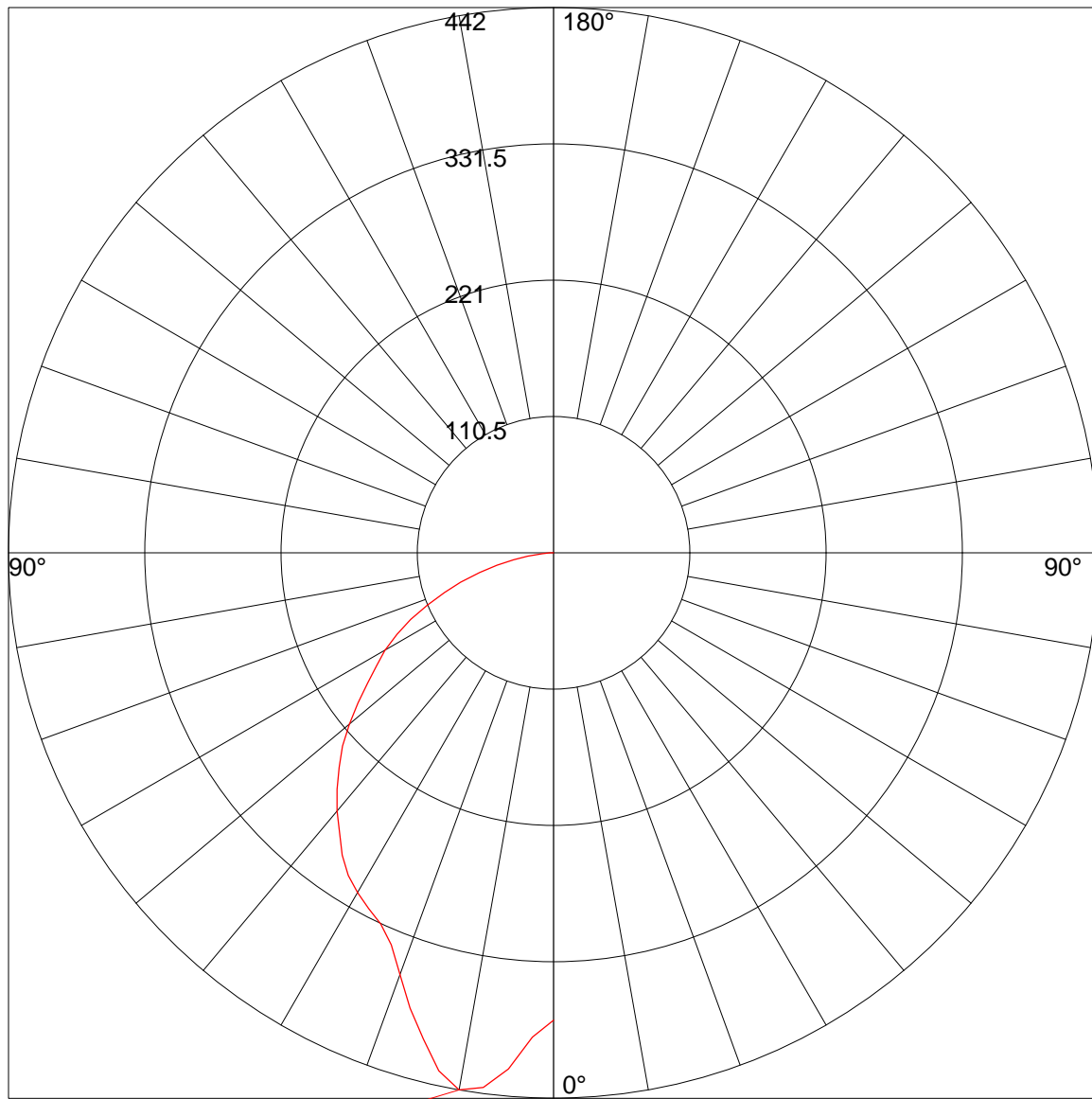
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	70	70	70	70	68	68	68	68	65	65	65	62	62	62	60	60	60	59
1	64	61	59	57	62	60	58	56	58	56	54	55	54	52	53	52	51	50
2	58	54	50	46	57	53	49	46	50	47	45	49	46	44	47	45	43	42
3	53	47	43	39	52	46	42	38	45	41	38	43	40	37	41	39	36	35
4	49	42	37	33	48	41	36	33	40	36	32	38	35	32	37	34	31	30
5	45	38	32	29	44	37	32	28	36	31	28	35	31	28	33	30	27	26
6	42	34	29	25	40	33	28	25	32	28	25	31	27	24	30	27	24	23
7	39	31	26	22	38	30	25	22	29	25	22	29	25	22	28	24	22	20
8	36	28	23	20	35	28	23	20	27	23	20	26	22	20	26	22	19	18
9	34	26	21	18	33	26	21	18	25	21	18	24	20	18	24	20	18	17
10	32	24	19	16	31	24	19	16	23	19	16	22	19	16	22	19	16	15

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POLAR GRAPH



0-Degree Horizontal Plane