



IES INDOOR REPORT

PHOTOMETRIC FILENAME : P40-LED4-MO-SYM.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI 0308-08D
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUEDATE] 4/1/2008
 [MANUFAC] PRUDENTIAL LIGHTING
 [LUMCAT] D2
 [LUMINAIRE] 48-1/4"L. X 4"W. X 4" H. INDIRECT LUMINAIRE
 [MORE] WHITE REFLECTOR
 [BALLASTCAT]
 [BALLAST]
 [LAMPPOSITION]
 [LAMPCAT]
 [LAMPLUM]
 [INPUT] 120VAC

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2775
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	99
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.31 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

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

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00
95	43.50	64.38	64.96	63.80	63.22
105	186.76	226.20	225.04	216.92	214.02
115	334.66	389.76	391.50	377.58	370.62
125	472.70	526.64	545.20	530.70	521.42
135	594.50	637.42	661.20	654.82	647.86
145	697.16	729.64	749.36	745.88	742.40
155	772.56	794.60	801.56	794.02	789.38
165	829.98	840.42	829.98	807.94	799.24
175	856.08	854.34	827.08	795.76	784.16
180	809.10	809.10	809.10	809.10	809.10

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.00	N.A.	0.00
0-40	0.00	N.A.	0.00
0-60	0.00	N.A.	0.00
0-80	0.00	N.A.	0.00
0-90	0.00	N.A.	0.00
10-90	0.00	N.A.	0.00
20-40	0.00	N.A.	0.00
20-50	0.00	N.A.	0.00
40-70	0.00	N.A.	0.00
60-80	0.00	N.A.	0.00
70-80	0.00	N.A.	0.00
80-90	0.00	N.A.	0.00
90-110	167.21	N.A.	6.00
90-120	473.39	N.A.	17.10
90-130	901.53	N.A.	32.50
90-150	1877.44	N.A.	67.70
90-180	2774.95	N.A.	100.00
110-180	2607.74	N.A.	94.00
0-180	2774.95	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.00
90-100	16.87
100-110	150.34
110-120	306.19
120-130	428.14
130-140	490.21
140-150	485.70
150-160	418.64
160-170	302.67
170-180	176.20

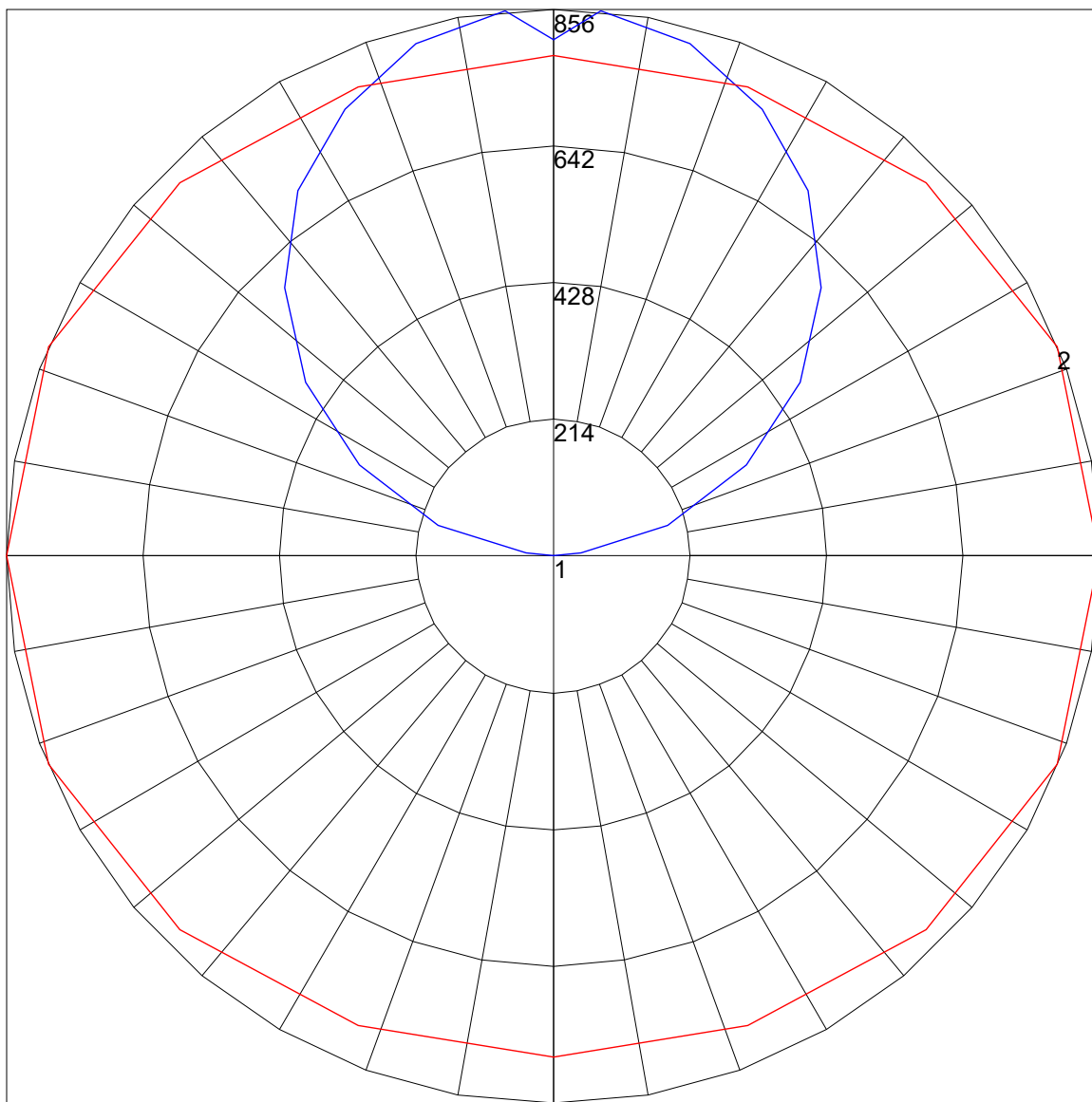
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

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	95	95	95	95	81	81	81	81	56	56	56	32	32	32	10	10	10	0
1	87	83	79	76	74	71	68	65	48	47	45	28	27	26	9	9	8	0
2	79	72	66	62	67	62	57	53	42	40	37	24	23	22	8	7	7	0
3	72	63	56	51	61	54	49	44	37	34	31	21	20	18	7	6	6	0
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	5	5	4	0
6	55	44	36	31	47	38	32	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	17	14	11	10	4	4	3	0
8	47	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	37	28	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

POLAR GRAPH



Maximum Candela = 856.08 Located At Horizontal Angle = 0, Vertical Angle = 175
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (175) (Through Max. Cd.)