



IES INDOOR REPORT

PHOTOMETRIC FILENAME : P4040-LED35-MO-FWA-D1.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]359809
 [TESTLAB]UL Verification Services
 [ISSUE DATE]11/ 1/2013
 [MANUFAC]Prudential Lighting Group
 [LUMCAT]P4040-LED35-MO-FWA-D1
 [LUMINAIRE]N/A
 [LAMP]N/A
 [LAMPCAT]
 [OTHER]120.0V

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	11626
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	126
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	3.83 ft (Diameter)
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3540	3540	3540
55	3412	3412	3412
65	3225	3225	3225
75	2952	2952	2952
85	2469	2469	2469

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CANDELA TABULATION

	<u>0</u>
0.0	4012.866
2.5	4008.576
5.0	3994.991
7.5	3973.684
10.0	3943.368
12.5	3904.043
15.0	3857.425
17.5	3800.940
20.0	3736.018
22.5	3663.660
25.0	3581.864
27.5	3493.347
30.0	3397.108
32.5	3294.434
35.0	3184.181
37.5	3066.492
40.0	2943.655
42.5	2815.527
45.0	2681.822
47.5	2542.397
50.0	2397.967
52.5	2248.675
55.0	2096.523
57.5	1941.082
60.0	1783.067
62.5	1622.049
65.0	1460.030
67.5	1297.582
70.0	1135.849
72.5	975.832
75.0	818.532
77.5	664.664
80.0	513.942
82.5	368.654
85.0	230.516
87.5	103.246
90.0	14.300

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1468.23	N.A.	12.60
0-30	3119.01	N.A.	26.80
0-40	5110.41	N.A.	44.00
0-60	9051.89	N.A.	77.90
0-80	11362.92	N.A.	97.70
0-90	11625.89	N.A.	100.00
10-90	11246.16	N.A.	96.70
20-40	3642.18	N.A.	31.30
20-50	5710.1	N.A.	49.10
40-70	5386.39	N.A.	46.30
60-80	2311.03	N.A.	19.90
70-80	866.12	N.A.	7.40
80-90	262.96	N.A.	2.30
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	11625.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	379.72
10-20	1088.51
20-30	1650.77
30-40	1991.4
40-50	2067.92
50-60	1873.56
60-70	1444.91
70-80	866.12
80-90	262.96
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

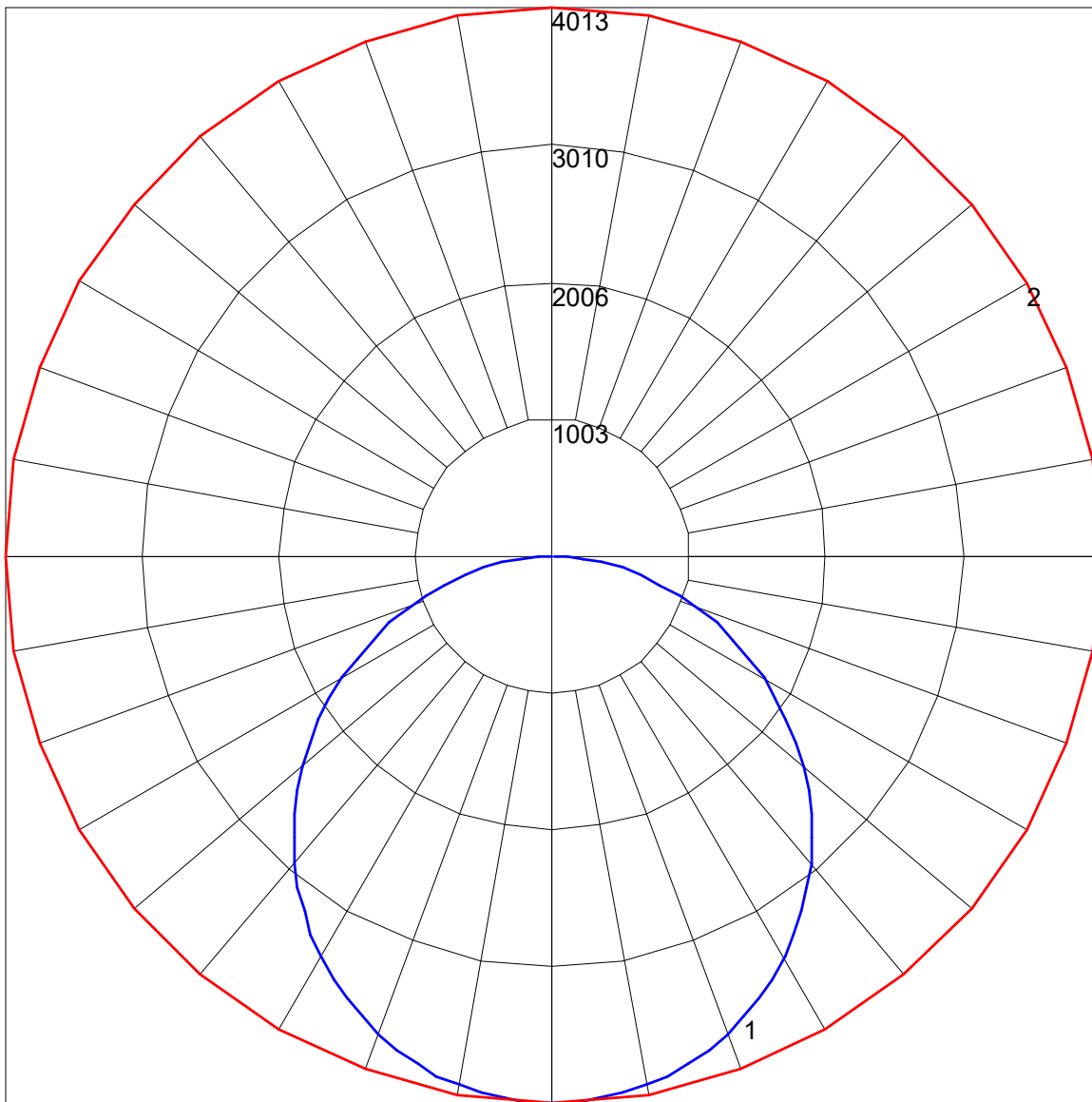
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	85	79	74	81	77	73	78	74	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	43
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37
7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	46	39	35	33
8	60	46	38	32	58	46	37	32	44	37	32	43	36	31	42	36	31	29
9	56	43	34	29	55	42	34	29	41	33	28	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

POLAR GRAPH



Maximum Candela = 4012.866 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)