



IES INDOOR REPORT

PHOTOMETRIC FILENAME : P4040-TU-LO-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-TU-LO-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	9187
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	71
Total Luminaire Watts	129
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	2797	2797	2797
55	2696	2696	2696
65	2548	2548	2548
75	2333	2333	2333
85	1951	1951	1951

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CANDELA TABULATION

	<u>0</u>
0.0	3171.006
2.5	3167.616
5.0	3156.881
7.5	3140.044
10.0	3116.088
12.5	3085.013
15.0	3048.175
17.5	3003.540
20.0	2952.238
22.5	2895.060
25.0	2830.424
27.5	2760.477
30.0	2684.428
32.5	2603.294
35.0	2516.171
37.5	2423.172
40.0	2326.105
42.5	2224.857
45.0	2119.202
47.5	2009.027
50.0	1894.897
52.5	1776.925
55.0	1656.693
57.5	1533.862
60.0	1408.997
62.5	1281.759
65.0	1153.730
67.5	1025.362
70.0	897.559
72.5	771.112
75.0	646.812
77.5	525.224
80.0	406.122
82.5	291.314
85.0	182.156
87.5	81.586
90.0	11.300

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1160.21	N.A.	12.60
0-30	2464.67	N.A.	26.80
0-40	4038.3	N.A.	44.00
0-60	7152.9	N.A.	77.90
0-80	8979.09	N.A.	97.70
0-90	9186.89	N.A.	100.00
10-90	8886.83	N.A.	96.70
20-40	2878.08	N.A.	31.30
20-50	4512.17	N.A.	49.10
40-70	4256.38	N.A.	46.30
60-80	1826.2	N.A.	19.90
70-80	684.42	N.A.	7.40
80-90	207.80	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	9186.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	300.06
10-20	860.15
20-30	1304.46
30-40	1573.63
40-50	1634.09
50-60	1480.51
60-70	1141.78
70-80	684.42
80-90	207.80
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

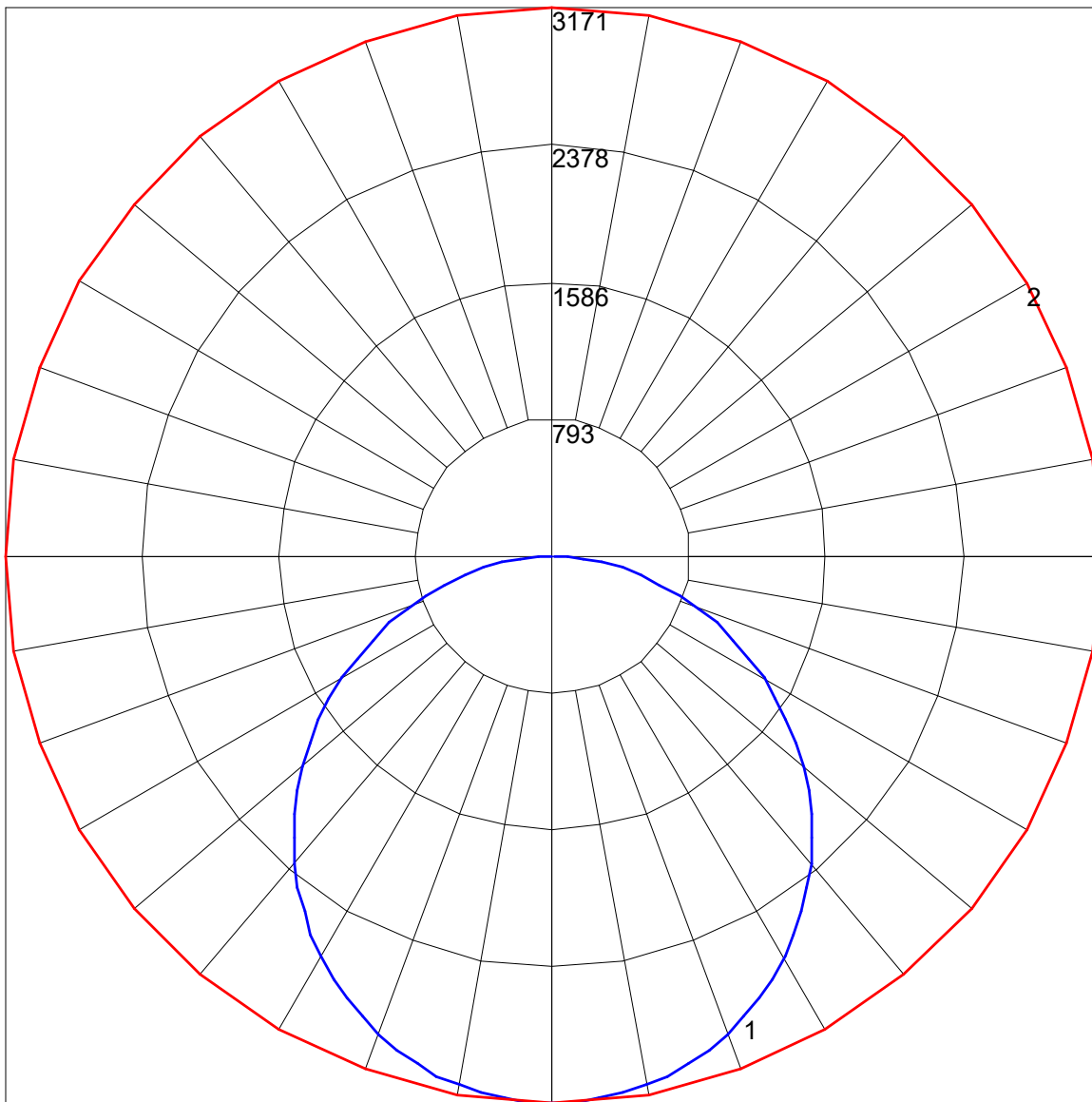
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 = 3171.006 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.)