



IES INDOOR REPORT

PHOTOMETRIC FILENAME : P4040-LED3-SO-FWA-D1.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]359809
 [TESTLAB]UL Verification Services
 [ISSUE DATE]11/ 1/2013
 [MANUFACTURER]Prudential Lighting Group
 [LUMCAT]P4040-LED3-SO-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	18211
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	174
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	5545	5545	5545
55	5344	5344	5344
65	5051	5051	5051
75	4624	4624	4624
85	3867	3867	3867

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P4040-LED3-SO-FWA-D1.IES

CANDELA TABULATION

	0
0.0	6285.888
2.5	6279.168
5.0	6257.888
7.5	6224.512
10.0	6177.024
12.5	6115.424
15.0	6042.400
17.5	5953.920
20.0	5852.224
22.5	5738.880
25.0	5610.752
27.5	5472.096
30.0	5321.344
32.5	5160.512
35.0	4987.808
37.5	4803.456
40.0	4611.040
42.5	4410.336
45.0	4200.896
47.5	3982.496
50.0	3756.256
52.5	3522.400
55.0	3284.064
57.5	3040.576
60.0	2793.056
62.5	2540.832
65.0	2287.040
67.5	2032.576
70.0	1779.232
72.5	1528.576
75.0	1282.176
77.5	1041.152
80.0	805.056
82.5	577.472
85.0	361.088
87.5	161.728
90.0	22.400

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P4040-LED3-SO-FWA-D1.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2299.89	N.A.	12.60
0-30	4885.72	N.A.	26.80
0-40	8005.12	N.A.	44.00
0-60	14179.19	N.A.	77.90
0-80	17799.26	N.A.	97.70
0-90	18211.18	N.A.	100.00
10-90	17616.37	N.A.	96.70
20-40	5705.23	N.A.	31.30
20-50	8944.49	N.A.	49.10
40-70	8437.43	N.A.	46.30
60-80	3620.07	N.A.	19.90
70-80	1356.72	N.A.	7.40
80-90	411.91	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	18211.18	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	594.81
10-20	1705.08
20-30	2585.83
30-40	3119.4
40-50	3239.26
50-60	2934.81
60-70	2263.36
70-80	1356.72
80-90	411.91
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

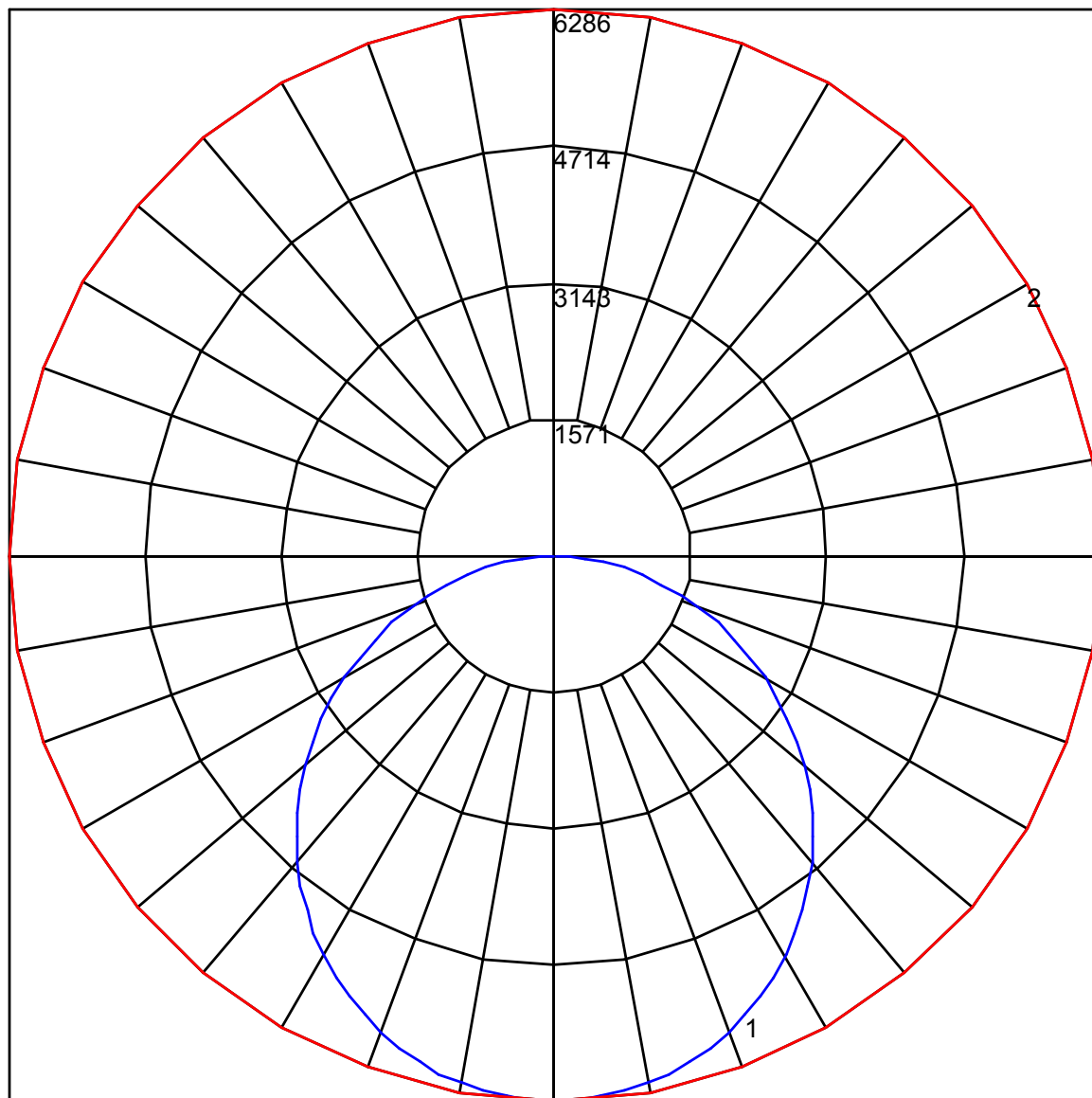
IES INDOOR REPORT
PHOTOMETRIC FILENAME : P4040-LED3-SO-FWA-D1.IES

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 = 6285.888 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.)