



IES INDOOR REPORT

PHOTOMETRIC FILENAME : P9018-LED3-MO-FWA.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]359807
 [TESTLAB]UL Verification Services
 [ISSUE DATE]10/31/2013
 [MANUFACTURER]Prudential Lighting Group
 [LUMEN CATEGORY]P9018-LED3-MO-FWA
 [LUMINAIRE]N/A
 [LAMP]N/A
 [LAMP CATEGORY]N/A. LUMINAIRE OUTPUT = 1763 LMS
 [OTHER]120.0V 0.3326A 39.543W PF=0.991

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1660
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	50
Total Luminaire Watts	33
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.42 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	3683	3683	3683
55	3508	3508	3508
65	3262	3262	3262
75	2863	2863	2863
85	2358	2358	2358

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CANDELA TABULATION

	0
0.0	596.994
2.5	596.618
5.0	594.738
7.5	591.260
10.0	585.902
12.5	579.134
15.0	571.050
17.5	561.556
20.0	550.652
22.5	538.432
25.0	525.178
27.5	510.514
30.0	495.004
32.5	478.460
35.0	461.070
37.5	442.834
40.0	423.752
42.5	403.918
45.0	383.520
47.5	362.558
50.0	340.938
52.5	318.848
55.0	296.288
57.5	273.446
60.0	250.416
62.5	226.916
65.0	203.040
67.5	179.070
70.0	155.382
72.5	132.070
75.0	109.134
77.5	87.138
80.0	66.364
82.5	47.376
85.0	30.268
87.5	14.664
90.0	1.786

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	217.56	N.A.	13.10
0-30	459.46	N.A.	27.70
0-40	747.83	N.A.	45.10
0-60	1308.48	N.A.	78.80
0-80	1625.17	N.A.	97.90
0-90	1659.56	N.A.	100.00
10-90	1603.07	N.A.	96.60
20-40	530.27	N.A.	32.00
20-50	826.07	N.A.	49.80
40-70	761.53	N.A.	45.90
60-80	316.70	N.A.	19.10
70-80	115.82	N.A.	7.00
80-90	34.39	N.A.	2.10
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	1659.56	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	56.49
10-20	161.07
20-30	241.90
30-40	288.37
40-50	295.80
50-60	264.84
60-70	200.88
70-80	115.82
80-90	34.39
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

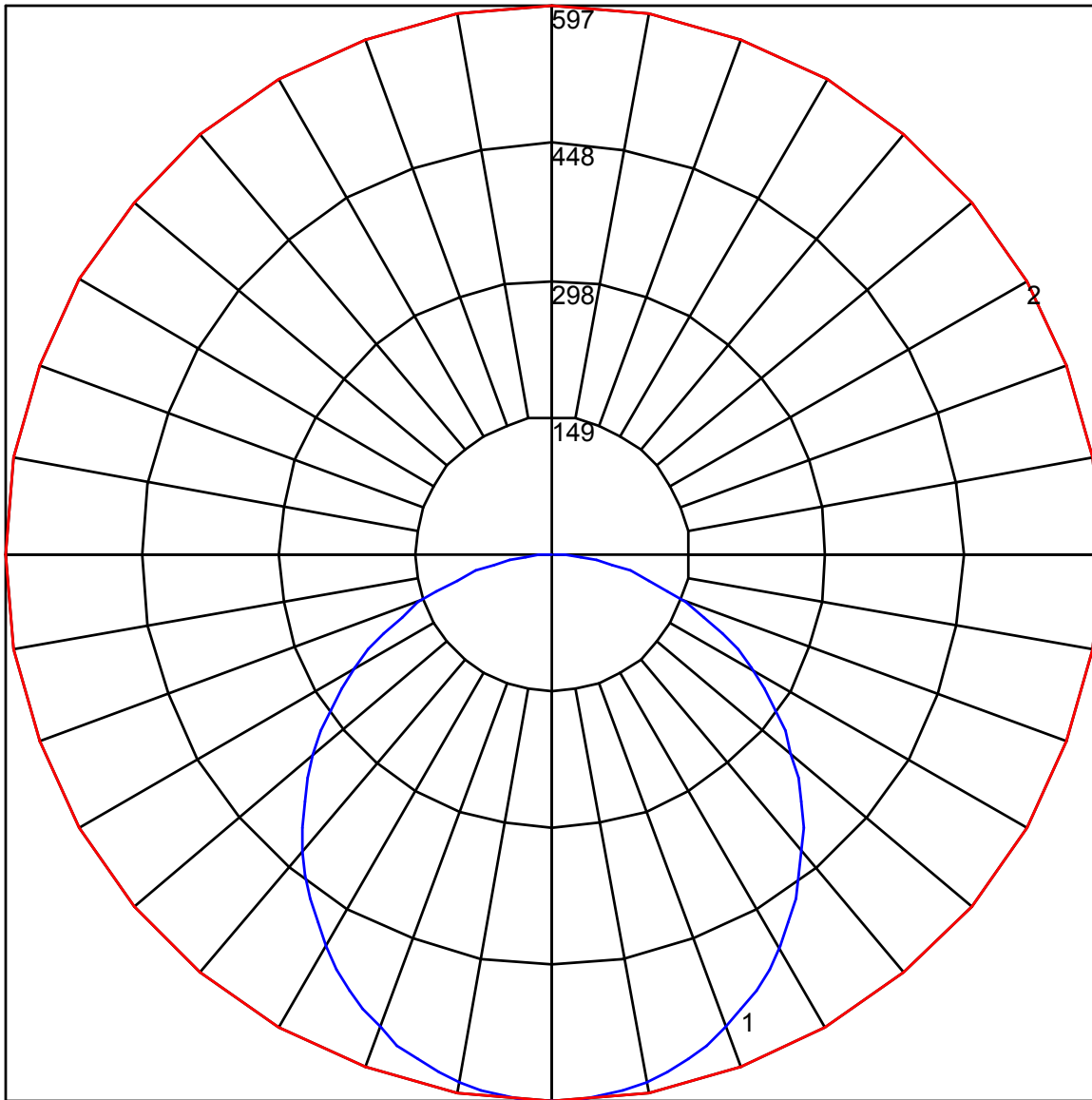
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	109	104	99	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84
2	99	90	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70
3	90	79	71	65	88	78	70	64	75	68	63	72	67	62	70	65	61	59
4	82	70	62	55	80	69	61	54	67	59	54	64	58	53	62	57	52	50
5	76	63	54	47	74	62	53	47	60	52	46	58	51	46	56	50	45	43
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	51	45	40	38
7	65	51	43	36	63	51	42	36	49	41	36	48	41	36	46	40	35	33
8	60	47	38	32	59	46	38	32	45	37	32	44	37	32	42	36	32	30
9	56	43	35	29	55	42	35	29	41	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	26	38	31	26	37	31	26	36	30	26	24

POLAR GRAPH



Maximum Candela = 596.994 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.)