



IES INDOOR REPORT

PHOTOMETRIC FILENAME : OLV-30-LED35-LO-FWA-D1.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] Prudential Lighting
 [TESTLAB] Intertek
 [ISSUE DATE] March 28, 2017
 [MANUFAC] OLV-30-LED35-LO-FWA-D1

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2914
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	69
Total Luminaire Watts	42
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)	3.00 ft (Diameter)
Luminous Width (90-270)	3.00 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	1442	1438	1434
55	1396	1388	1387
65	1330	1320	1317
75	1239	1228	1224
85	1122	1104	1095

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CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	1004.836	1004.836	1004.836	1004.836	1004.836	1004.836	1004.836	1004.836	1004.836	1004.836
2.5	1003.240	1003.436	1003.868	1004.284	1004.116	1004.284	1003.868	1003.436	1003.240	1003.436
5.0	999.576	1000.016	1000.300	1000.408	1000.260	1000.408	1000.300	1000.016	999.576	1000.016
7.5	993.872	994.420	994.684	994.740	994.608	994.740	994.684	994.420	993.872	994.420
10.0	986.280	986.416	986.388	986.644	986.732	986.644	986.388	986.416	986.280	986.416
12.5	975.924	976.524	976.044	976.328	976.328	976.328	976.044	976.524	975.924	976.524
15.0	963.848	964.204	964.220	963.956	963.836	963.956	964.220	964.204	963.848	964.204
17.5	949.272	949.820	949.576	949.572	949.496	949.572	949.576	949.820	949.272	949.820
20.0	933.040	933.232	932.624	932.504	932.524	932.504	932.624	933.232	933.040	933.232
22.5	914.424	914.900	914.112	913.780	913.400	913.780	914.112	914.900	914.424	914.900
25.0	893.928	894.436	893.564	893.320	892.656	893.320	893.564	894.436	893.928	894.436
27.5	871.896	871.844	871.596	870.984	870.008	870.984	871.596	871.844	871.896	871.844
30.0	846.356	847.948	847.332	846.440	845.560	846.440	847.332	847.948	846.356	847.948
32.5	820.532	822.432	821.536	820.536	819.668	820.536	821.536	822.432	820.532	822.432
35.0	793.552	795.080	794.084	792.996	791.808	792.996	794.084	795.080	793.552	795.080
37.5	765.212	765.764	764.736	763.936	762.552	763.936	764.736	765.764	765.212	765.764
40.0	735.840	735.380	734.124	732.956	731.920	732.956	734.124	735.380	735.840	735.380
42.5	703.860	703.848	702.072	700.704	700.388	700.704	702.072	703.848	703.860	703.848
45.0	670.096	670.200	668.524	667.156	666.416	667.156	668.524	670.200	670.096	670.200
47.5	635.164	635.220	633.728	632.420	631.436	632.420	633.728	635.220	635.164	635.220
50.0	599.596	599.576	597.832	596.432	596.288	596.432	597.832	599.576	599.596	599.576
52.5	563.784	562.928	561.076	559.816	559.504	559.816	561.076	562.928	563.784	562.928
55.0	526.464	525.260	523.272	522.276	522.864	522.276	523.272	525.260	526.464	525.260
57.5	487.656	486.948	485.124	484.028	484.340	484.028	485.124	486.948	487.656	486.948
60.0	448.036	447.952	445.916	445.336	444.280	445.336	445.916	447.952	448.036	447.952
62.5	409.064	408.412	406.424	405.792	404.464	405.792	406.424	408.412	409.064	408.412
65.0	369.440	368.600	366.780	365.816	365.760	365.816	366.780	368.600	369.440	368.600
67.5	329.692	328.696	327.088	326.232	326.444	326.232	327.088	328.696	329.692	328.696
70.0	289.360	289.088	287.336	286.608	286.368	286.608	287.336	289.088	289.360	289.088
72.5	249.456	249.536	247.940	247.712	246.800	247.712	247.940	249.536	249.456	249.536
75.0	210.864	210.632	208.956	208.880	208.304	208.880	208.956	210.632	210.864	210.632
77.5	173.188	172.232	170.860	170.500	170.088	170.500	170.860	172.232	173.188	172.232
80.0	135.448	134.628	133.828	133.240	133.384	133.240	133.828	134.628	135.448	134.628
82.5	98.688	98.140	97.664	97.332	97.376	97.332	97.664	98.140	98.688	98.140
85.0	64.272	63.472	63.252	62.764	62.740	62.764	63.252	63.472	64.272	63.472
87.5	31.476	30.624	30.552	29.972	29.664	29.972	30.552	30.624	31.476	30.624
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles **Horizontal Angles**

	225.0	247.5	270.0	292.5	315.0	337.5	360.0
0.0	1004.836	1004.836	1004.836	1004.836	1004.836	1004.836	1004.836
2.5	1003.868	1004.284	1004.116	1004.284	1003.868	1003.436	1003.240
5.0	1000.300	1000.408	1000.260	1000.408	1000.300	1000.016	999.576
7.5	994.684	994.740	994.608	994.740	994.684	994.420	993.872
10.0	986.388	986.644	986.732	986.644	986.388	986.416	986.280
12.5	976.044	976.328	976.328	976.328	976.044	976.524	975.924
15.0	964.220	963.956	963.836	963.956	964.220	964.204	963.848
17.5	949.576	949.572	949.496	949.572	949.576	949.820	949.272
20.0	932.624	932.504	932.524	932.504	932.624	933.232	933.040
22.5	914.112	913.780	913.400	913.780	914.112	914.900	914.424
25.0	893.564	893.320	892.656	893.320	893.564	894.436	893.928
27.5	871.596	870.984	870.008	870.984	871.596	871.844	871.896
30.0	847.332	846.440	845.560	846.440	847.332	847.948	846.356
32.5	821.536	820.536	819.668	820.536	821.536	822.432	820.532
35.0	794.084	792.996	791.808	792.996	794.084	795.080	793.552
37.5	764.736	763.936	762.552	763.936	764.736	765.764	765.212
40.0	734.124	732.956	731.920	732.956	734.124	735.380	735.840
42.5	702.072	700.704	700.388	700.704	702.072	703.848	703.860
45.0	668.524	667.156	666.416	667.156	668.524	670.200	670.096
47.5	633.728	632.420	631.436	632.420	633.728	635.220	635.164
50.0	597.832	596.432	596.288	596.432	597.832	599.576	599.596
52.5	561.076	559.816	559.504	559.816	561.076	562.928	563.784
55.0	523.272	522.276	522.864	522.276	523.272	525.260	526.464
57.5	485.124	484.028	484.340	484.028	485.124	486.948	487.656
60.0	445.916	445.336	444.280	445.336	445.916	447.952	448.036
62.5	406.424	405.792	404.464	405.792	406.424	408.412	409.064
65.0	366.780	365.816	365.760	365.816	366.780	368.600	369.440
67.5	327.088	326.232	326.444	326.232	327.088	328.696	329.692
70.0	287.336	286.608	286.368	286.608	287.336	289.088	289.360
72.5	247.940	247.712	246.800	247.712	247.940	249.536	249.456
75.0	208.956	208.880	208.304	208.880	208.956	210.632	210.864
77.5	170.860	170.500	170.088	170.500	170.860	172.232	173.188
80.0	133.828	133.240	133.384	133.240	133.828	134.628	135.448

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CANDELA TABULATION - (Cont.)

82.5	97.664	97.332	97.376	97.332	97.664	98.140	98.688
85.0	63.252	62.764	62.740	62.764	63.252	63.472	64.272
87.5	30.552	29.972	29.664	29.972	30.552	30.624	31.476
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	367.07	N.A.	12.60
0-30	778.91	N.A.	26.70
0-40	1275.36	N.A.	43.80
0-60	2259.06	N.A.	77.50
0-80	2844.07	N.A.	97.60
0-90	2914.4	N.A.	100.00
10-90	2819.36	N.A.	96.70
20-40	908.29	N.A.	31.20
20-50	1423.87	N.A.	48.90
40-70	1347.13	N.A.	46.20
60-80	585.01	N.A.	20.10
70-80	221.57	N.A.	7.60
80-90	70.33	N.A.	2.40
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	2914.4	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	95.04
10-20	272.03
20-30	411.83
30-40	496.46
40-50	515.58
50-60	468.12
60-70	363.44
70-80	221.57
80-90	70.33
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

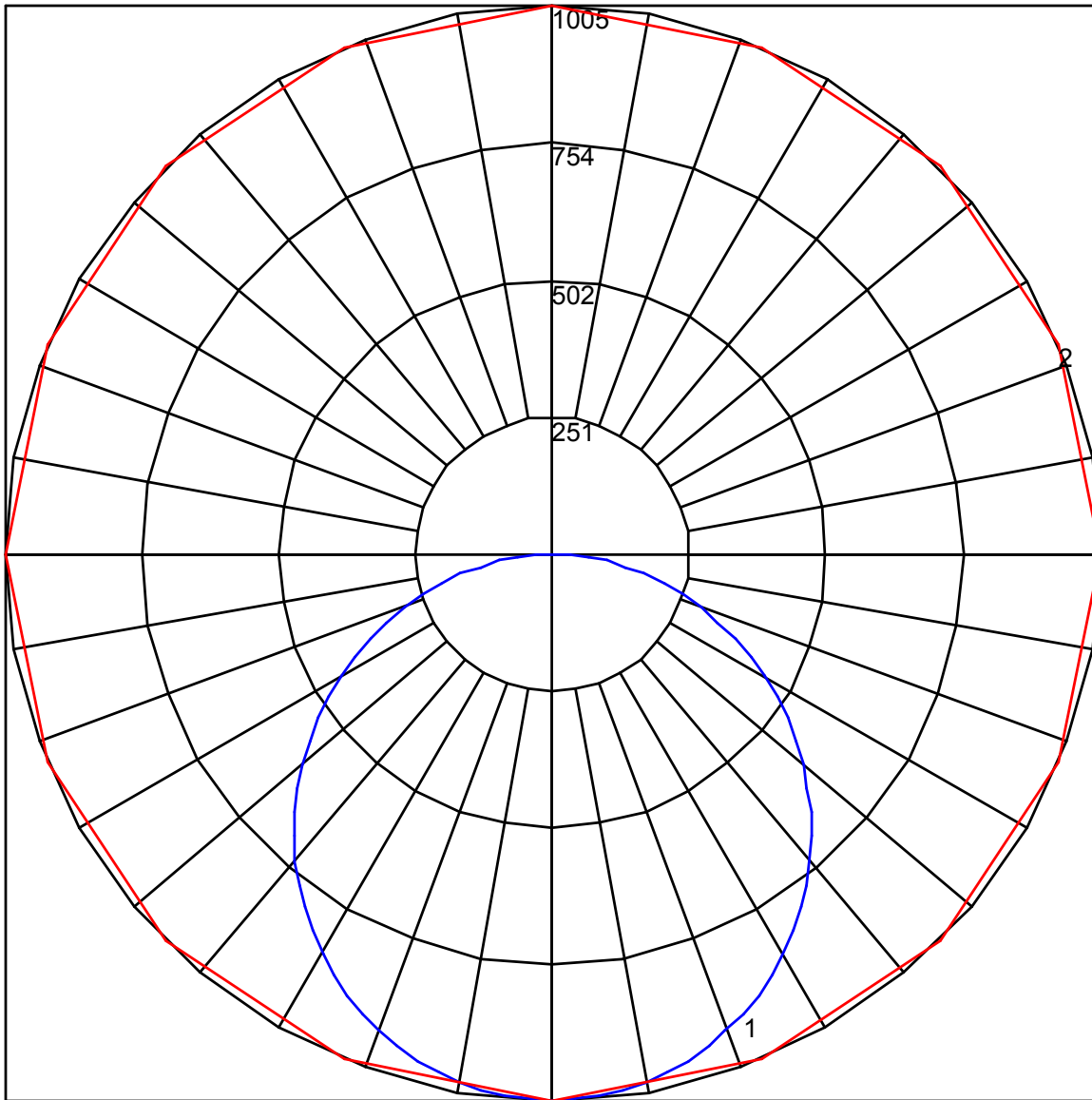
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	103	99	95	106	101	97	93	97	94	90	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	77	73	78	74	71	69
3	90	79	70	64	87	77	69	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	53	66	59	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	68	55	46	40	53	46	40	51	45	39	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	46	37	32	44	37	31	43	36	31	42	36	31	29
9	56	42	34	29	55	42	34	28	41	33	28	40	33	28	39	32	28	26
10	52	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24

POLAR GRAPH



Maximum Candela = 1004.836 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.)