



IES INDOOR REPORT

PHOTOMETRIC FILENAME : P61-LED35-MO-PCL-D4W.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] P61-LED35-MO-PCL-D4W
 [TESTLAB] INTERTEK
 [ISSUE DATE] 5-13-19
 [MANUFAC] PRUDENTIAL

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2752
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.58
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.20
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.33 ft
Luminous Width (90-270)	4.00 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	13415	11400	9023
55	14923	11968	6064
65	2055	12375	5388
75	1701	1846	4310
85	1180	1124	930

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P61-LED35-MO-PCL-D4W.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0.0	1185.75	1185.75	1185.75	1185.75	1185.75	1185.75	1185.75	1185.75	1185.75	1185.75
2.5	1213.05	1210.80	1198.80	1188.60	1174.80	1174.35	1167.00	1167.00	1161.15	1167.00
5.0	1232.40	1223.70	1205.25	1187.40	1168.35	1159.65	1144.05	1138.80	1132.35	1138.80
7.5	1252.50	1236.45	1213.35	1190.55	1163.70	1148.70	1122.15	1109.40	1100.70	1109.40
10.0	1277.40	1254.45	1221.90	1190.40	1158.45	1136.25	1097.25	1075.05	1063.95	1075.05
12.5	1307.85	1278.60	1233.15	1193.25	1152.15	1120.95	1072.65	1037.55	969.60	1037.55
15.0	1293.15	1292.85	1247.40	1186.20	1136.85	1100.70	1044.75	753.45	344.10	753.45
17.5	1273.35	1266.45	1253.85	1174.80	1117.80	1073.40	973.80	406.35	319.35	406.35
20.0	1271.25	1250.70	1245.45	1163.70	1100.85	1048.95	684.45	314.10	312.90	314.10
22.5	1266.00	1243.65	1225.80	1155.60	1084.50	1024.35	627.45	308.10	308.70	308.10
25.0	1254.60	1231.50	1207.35	1150.20	1065.60	995.55	453.45	302.25	304.65	302.25
27.5	1249.05	1217.70	1180.35	1132.65	1036.35	963.60	300.75	297.00	301.35	297.00
30.0	1242.30	1206.30	1159.35	1114.20	1011.00	892.50	288.15	292.05	298.20	292.05
32.5	1232.85	1193.85	1135.50	1090.50	983.40	692.85	279.90	287.10	293.25	287.10
35.0	1222.50	1179.75	1112.70	1052.70	953.85	589.95	272.40	282.00	290.85	282.00
37.5	1217.70	1165.05	1087.50	1012.65	918.60	555.00	265.65	277.50	285.15	277.50
40.0	1200.90	1145.25	1057.65	977.55	887.10	530.10	257.85	271.65	278.70	271.65
42.5	1193.10	1125.15	1030.50	944.85	851.55	502.65	249.75	264.75	269.25	264.75
45.0	1176.15	1103.40	999.45	908.85	791.10	472.65	242.25	255.00	257.40	255.00
47.5	1153.65	1084.35	966.00	870.75	654.00	444.30	233.55	243.60	243.90	243.60
50.0	1128.15	1055.40	930.90	827.70	527.70	412.20	222.90	229.80	229.20	229.80
52.5	1097.85	1016.55	895.35	786.60	468.90	379.65	211.35	214.80	213.15	214.80
55.0	1061.25	980.10	851.10	738.15	431.25	336.60	197.85	198.15	195.00	198.15
57.5	1023.30	934.95	809.70	678.00	395.10	219.45	183.15	180.00	178.35	180.00
60.0	975.90	884.40	759.45	610.50	358.50	161.70	167.25	162.15	161.70	162.15
62.5	521.85	834.75	705.90	550.35	319.50	145.80	149.25	144.60	144.75	144.60
65.0	107.70	439.20	648.45	489.30	282.30	129.15	130.80	127.20	128.25	127.20
67.5	95.85	95.70	584.10	431.40	247.35	111.75	112.65	110.55	112.80	110.55
70.0	84.45	79.35	339.30	365.25	212.25	94.95	93.75	95.10	101.70	95.10
72.5	70.80	67.65	243.75	305.40	175.50	79.05	76.95	82.80	83.85	82.80
75.0	54.60	53.55	59.25	243.15	138.30	61.95	62.25	66.60	64.95	66.60
77.5	39.30	38.55	41.40	184.20	103.80	45.75	49.20	49.95	49.65	49.95
80.0	31.80	27.60	28.80	66.90	70.95	31.80	36.60	35.55	35.85	35.55
82.5	24.90	22.05	18.45	39.75	40.65	22.20	23.40	24.75	25.20	24.75
85.0	12.75	11.85	12.15	15.45	10.05	10.65	13.35	13.65	12.00	13.65
87.5	3.45	3.15	4.35	4.65	4.35	4.50	5.10	4.95	4.95	4.95
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P61-LED35-MO-PCL-D4W.IES

CANDELA TABULATION - (Cont.)

135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles **Horizontal Angles**

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0.0	1185.75	1185.75	1185.75	1185.75	1185.75	1185.75	1185.75
2.5	1167.00	1174.35	1174.80	1188.60	1198.80	1210.80	1213.05
5.0	1144.05	1159.65	1168.35	1187.40	1205.25	1223.70	1232.40
7.5	1122.15	1148.70	1163.70	1190.55	1213.35	1236.45	1252.50
10.0	1097.25	1136.25	1158.45	1190.40	1221.90	1254.45	1277.40
12.5	1072.65	1120.95	1152.15	1193.25	1233.15	1278.60	1307.85
15.0	1044.75	1100.70	1136.85	1186.20	1247.40	1292.85	1293.15
17.5	973.80	1073.40	1117.80	1174.80	1253.85	1266.45	1273.35
20.0	684.45	1048.95	1100.85	1163.70	1245.45	1250.70	1271.25
22.5	627.45	1024.35	1084.50	1155.60	1225.80	1243.65	1266.00
25.0	453.45	995.55	1065.60	1150.20	1207.35	1231.50	1254.60
27.5	300.75	963.60	1036.35	1132.65	1180.35	1217.70	1249.05
30.0	288.15	892.50	1011.00	1114.20	1159.35	1206.30	1242.30
32.5	279.90	692.85	983.40	1090.50	1135.50	1193.85	1232.85
35.0	272.40	589.95	953.85	1052.70	1112.70	1179.75	1222.50
37.5	265.65	555.00	918.60	1012.65	1087.50	1165.05	1217.70
40.0	257.85	530.10	887.10	977.55	1057.65	1145.25	1200.90
42.5	249.75	502.65	851.55	944.85	1030.50	1125.15	1193.10
45.0	242.25	472.65	791.10	908.85	999.45	1103.40	1176.15
47.5	233.55	444.30	654.00	870.75	966.00	1084.35	1153.65
50.0	222.90	412.20	527.70	827.70	930.90	1055.40	1128.15
52.5	211.35	379.65	468.90	786.60	895.35	1016.55	1097.85
55.0	197.85	336.60	431.25	738.15	851.10	980.10	1061.25
57.5	183.15	219.45	395.10	678.00	809.70	934.95	1023.30
60.0	167.25	161.70	358.50	610.50	759.45	884.40	975.90
62.5	149.25	145.80	319.50	550.35	705.90	834.75	521.85
65.0	130.80	129.15	282.30	489.30	648.45	439.20	107.70
67.5	112.65	111.75	247.35	431.40	584.10	95.70	95.85
70.0	93.75	94.95	212.25	365.25	339.30	79.35	84.45
72.5	76.95	79.05	175.50	305.40	243.75	67.65	70.80
75.0	62.25	61.95	138.30	243.15	59.25	53.55	54.60
77.5	49.20	45.75	103.80	184.20	41.40	38.55	39.30
80.0	36.60	31.80	70.95	66.90	28.80	27.60	31.80

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P61-LED35-MO-PCL-D4W.IES

CANDELA TABULATION - (Cont.)

82.5	23.40	22.20	40.65	39.75	18.45	22.05	24.90
85.0	13.35	10.65	10.05	15.45	12.15	11.85	12.75
87.5	5.10	4.50	4.35	4.65	4.35	3.15	3.45
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : P61-LED35-MO-PCL-D4W.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	412.42	N.A.	15.00
0-30	826.11	N.A.	30.00
0-40	1314.83	N.A.	47.80
0-60	2323.05	N.A.	84.40
0-80	2734.55	N.A.	99.40
0-90	2752.13	N.A.	100.00
10-90	2640.23	N.A.	95.90
20-40	902.41	N.A.	32.80
20-50	1427.75	N.A.	51.90
40-70	1312.37	N.A.	47.70
60-80	411.50	N.A.	15.00
70-80	107.36	N.A.	3.90
80-90	17.57	N.A.	0.60
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	2752.13	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	111.90
10-20	300.52
20-30	413.69
30-40	488.72
40-50	525.35
50-60	482.88
60-70	304.15
70-80	107.36
80-90	17.57
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

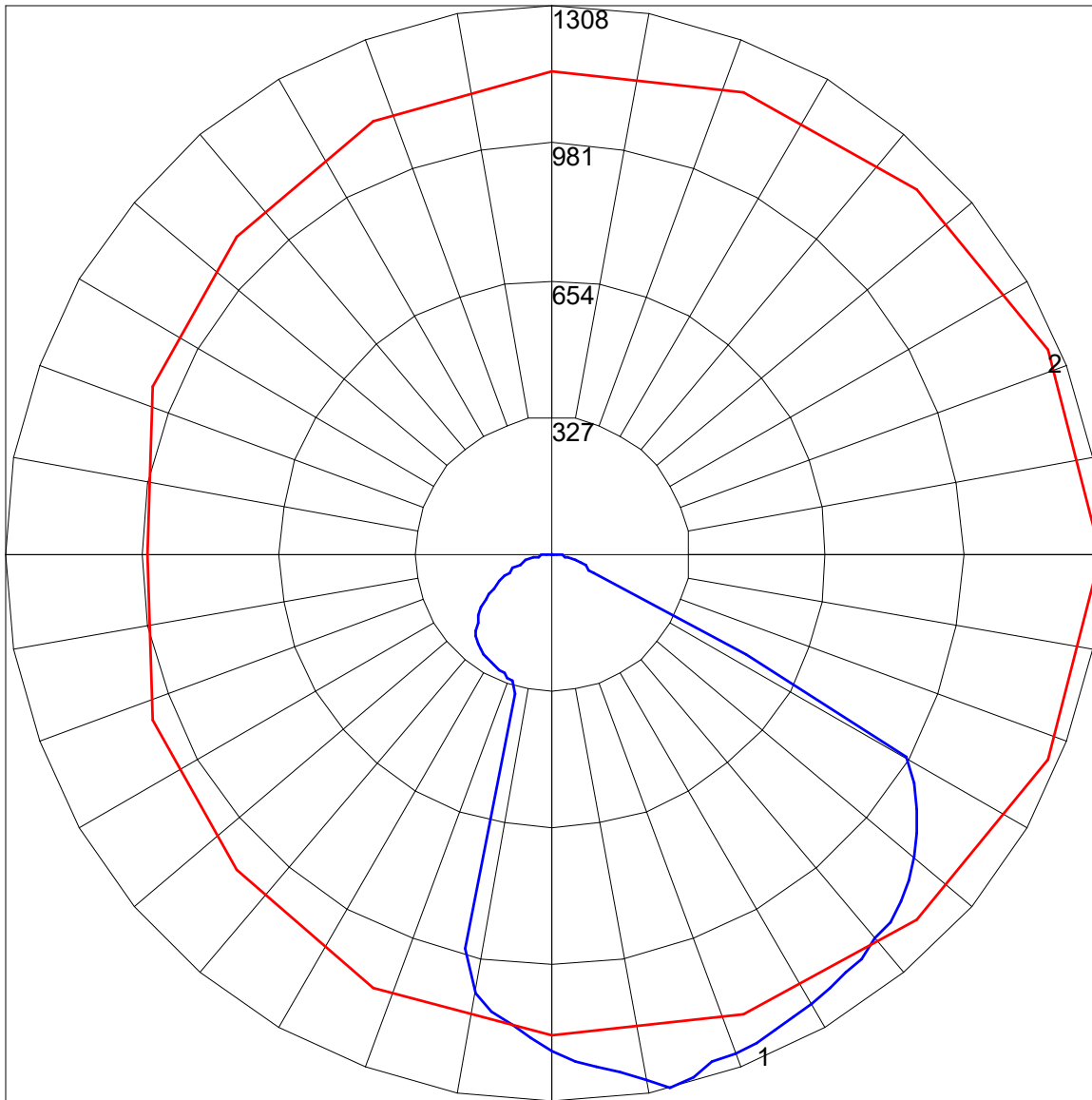
IES INDOOR REPORT
PHOTOMETRIC FILENAME : P61-LED35-MO-PCL-D4W.IES

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	110	106	102	98	107	103	100	97	99	96	94	95	93	91	92	90	88	86
2	100	93	86	81	98	91	85	80	87	83	78	84	80	77	81	78	75	73
3	92	82	74	68	89	80	73	67	77	71	66	75	70	65	72	68	64	62
4	84	73	64	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	50	76	64	56	50	62	55	49	60	54	49	58	53	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	43	41
7	67	53	45	39	65	53	45	39	51	44	38	50	43	38	48	42	38	36
8	62	49	40	35	60	48	40	35	47	40	34	46	39	34	44	38	34	32
9	58	45	37	31	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	54	41	34	29	53	41	33	28	40	33	28	39	33	28	38	32	28	26

POLAR GRAPH



Maximum Candela = 1307.85 Located At Horizontal Angle = 0, Vertical Angle = 12.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (12.5) (Through Max. Cd.)