



IES INDOOR REPORT

PHOTOMETRIC FILENAME : STRPER-LED35-MO.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] STRPER-LED35-MO
 [TESTLAB] Intertek
 [ISSUE DATE] 7/28/20
 [MANUFAC] Prudential Lighting

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3607
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	32
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.62
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.48
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.38 ft
Luminous Width (90-270)	3.83 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11350	10376	8093
55	12370	11386	8133
65	13181	12492	8140
75	13998	13230	7903
85	3272	9815	6062

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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	1063.260	1063.260	1063.260	1063.260	1063.260	1063.260	1063.260	1063.260	1063.260	1063.260
2.5	1077.615	1076.460	1069.035	1068.705	1059.300	1057.485	1049.400	1050.225	1048.905	1050.225
5.0	1086.195	1085.370	1075.635	1071.840	1056.990	1049.235	1035.705	1033.560	1031.580	1033.560
7.5	1093.785	1094.115	1081.575	1073.160	1053.195	1039.170	1020.360	1015.410	1013.925	1015.410
10.0	1103.025	1102.365	1086.195	1072.500	1047.090	1026.795	1003.695	996.105	994.290	996.105
12.5	1113.750	1110.285	1089.495	1070.025	1038.840	1012.935	986.205	976.965	973.335	976.965
15.0	1123.155	1116.555	1090.980	1065.405	1028.445	997.590	967.725	956.835	951.390	956.835
17.5	1130.910	1121.505	1090.320	1058.805	1016.235	981.255	948.420	935.385	928.785	935.385
20.0	1137.180	1124.970	1088.340	1050.720	1002.540	963.435	927.630	912.780	905.520	912.780
22.5	1141.140	1126.785	1084.380	1040.655	987.195	943.470	904.695	888.855	880.935	888.855
25.0	1142.295	1126.620	1079.265	1029.270	969.705	921.690	880.605	863.115	854.865	863.115
27.5	1141.305	1124.970	1073.160	1015.905	950.565	897.765	854.535	836.055	827.805	836.055
30.0	1138.500	1121.505	1066.230	1001.055	928.950	872.355	827.145	808.170	800.085	808.170
32.5	1135.200	1116.390	1057.815	984.390	905.850	845.295	798.435	779.625	771.375	779.625
35.0	1131.075	1109.460	1047.420	965.910	880.770	816.750	769.395	750.750	741.840	750.750
37.5	1123.155	1099.725	1034.550	945.780	854.535	787.215	739.695	721.215	711.975	721.215
40.0	1110.945	1086.195	1019.040	923.835	826.155	756.195	709.005	691.020	681.615	691.020
42.5	1094.115	1069.035	1001.220	900.240	796.290	723.525	676.995	660.000	650.595	660.000
45.0	1072.830	1048.410	980.760	874.830	764.940	689.205	643.995	627.990	619.080	627.990
47.5	1048.740	1024.155	957.990	848.100	731.775	653.730	610.335	595.485	587.235	595.485
50.0	1021.020	996.435	932.580	820.050	696.960	617.100	575.685	562.980	555.225	562.980
52.5	987.690	964.590	904.695	790.185	660.825	579.315	540.540	530.145	522.885	530.145
55.0	948.420	927.630	873.015	758.340	623.535	540.705	505.560	496.650	489.720	496.650
57.5	905.355	886.380	837.540	725.175	584.760	501.435	470.415	462.330	455.730	462.330
60.0	858.330	840.675	798.105	690.195	544.170	461.835	434.775	427.350	420.750	427.350
62.5	804.210	789.030	754.380	652.905	502.590	421.575	398.805	391.710	384.780	391.710
65.0	744.645	732.105	705.705	613.635	459.855	381.315	362.835	355.410	348.315	355.410
67.5	680.625	670.065	651.420	571.725	415.305	341.385	326.040	318.780	311.850	318.780
70.0	614.625	602.580	592.515	526.350	369.105	301.620	288.750	281.985	275.055	281.985
72.5	551.595	536.910	528.165	477.015	322.080	262.185	250.965	244.695	237.930	244.695
75.0	484.275	471.075	457.710	422.895	273.405	222.585	213.015	207.570	200.805	207.570
77.5	404.250	393.360	387.915	363.000	223.410	182.820	174.735	170.940	164.505	170.940
80.0	318.450	301.950	307.065	294.855	172.755	143.385	137.445	134.970	129.360	134.970
82.5	300.795	265.815	214.665	218.460	121.770	104.940	101.970	100.815	96.030	100.815
85.0	38.115	36.465	114.345	132.495	70.620	67.485	67.485	67.650	63.360	67.650
87.5	19.140	17.160	18.150	48.840	21.945	32.670	34.320	35.145	30.525	35.145
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**

	<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	1063.260	1063.260	1063.260	1063.260	1063.260	1063.260	1063.260
2.5	1049.400	1057.485	1059.300	1068.705	1069.035	1076.460	1077.615
5.0	1035.705	1049.235	1056.990	1071.840	1075.635	1085.370	1086.195
7.5	1020.360	1039.170	1053.195	1073.160	1081.575	1094.115	1093.785
10.0	1003.695	1026.795	1047.090	1072.500	1086.195	1102.365	1103.025
12.5	986.205	1012.935	1038.840	1070.025	1089.495	1110.285	1113.750
15.0	967.725	997.590	1028.445	1065.405	1090.980	1116.555	1123.155
17.5	948.420	981.255	1016.235	1058.805	1090.320	1121.505	1130.910
20.0	927.630	963.435	1002.540	1050.720	1088.340	1124.970	1137.180
22.5	904.695	943.470	987.195	1040.655	1084.380	1126.785	1141.140
25.0	880.605	921.690	969.705	1029.270	1079.265	1126.620	1142.295
27.5	854.535	897.765	950.565	1015.905	1073.160	1124.970	1141.305
30.0	827.145	872.355	928.950	1001.055	1066.230	1121.505	1138.500
32.5	798.435	845.295	905.850	984.390	1057.815	1116.390	1135.200
35.0	769.395	816.750	880.770	965.910	1047.420	1109.460	1131.075
37.5	739.695	787.215	854.535	945.780	1034.550	1099.725	1123.155
40.0	709.005	756.195	826.155	923.835	1019.040	1086.195	1110.945
42.5	676.995	723.525	796.290	900.240	1001.220	1069.035	1094.115
45.0	643.995	689.205	764.940	874.830	980.760	1048.410	1072.830
47.5	610.335	653.730	731.775	848.100	957.990	1024.155	1048.740
50.0	575.685	617.100	696.960	820.050	932.580	996.435	1021.020
52.5	540.540	579.315	660.825	790.185	904.695	964.590	987.690
55.0	505.560	540.705	623.535	758.340	873.015	927.630	948.420
57.5	470.415	501.435	584.760	725.175	837.540	886.380	905.355
60.0	434.775	461.835	544.170	690.195	798.105	840.675	858.330
62.5	398.805	421.575	502.590	652.905	754.380	789.030	804.210
65.0	362.835	381.315	459.855	613.635	705.705	732.105	744.645
67.5	326.040	341.385	415.305	571.725	651.420	670.065	680.625
70.0	288.750	301.620	369.105	526.350	592.515	602.580	614.625
72.5	250.965	262.185	322.080	477.015	528.165	536.910	551.595
75.0	213.015	222.585	273.405	422.895	457.710	471.075	484.275
77.5	174.735	182.820	223.410	363.000	387.915	393.360	404.250
80.0	137.445	143.385	172.755	294.855	307.065	301.950	318.450

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CANDELA TABULATION - (Cont.)

82.5	101.970	104.940	121.770	218.460	214.665	265.815	300.795
85.0	67.485	67.485	70.620	132.495	114.345	36.465	38.115
87.5	34.320	32.670	21.945	48.840	18.150	17.160	19.140
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	392.58	N.A.	10.90
0-30	846.45	N.A.	23.50
0-40	1416.07	N.A.	39.30
0-60	2648.86	N.A.	73.40
0-80	3503.93	N.A.	97.10
0-90	3606.76	N.A.	100.00
10-90	3506.06	N.A.	97.20
20-40	1023.5	N.A.	28.40
20-50	1648.23	N.A.	45.70
40-70	1745.83	N.A.	48.40
60-80	855.07	N.A.	23.70
70-80	342.02	N.A.	9.50
80-90	102.83	N.A.	2.90
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	3606.76	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	100.70
10-20	291.87
20-30	453.87
30-40	569.62
40-50	624.74
50-60	608.05
60-70	513.05
70-80	342.02
80-90	102.83
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

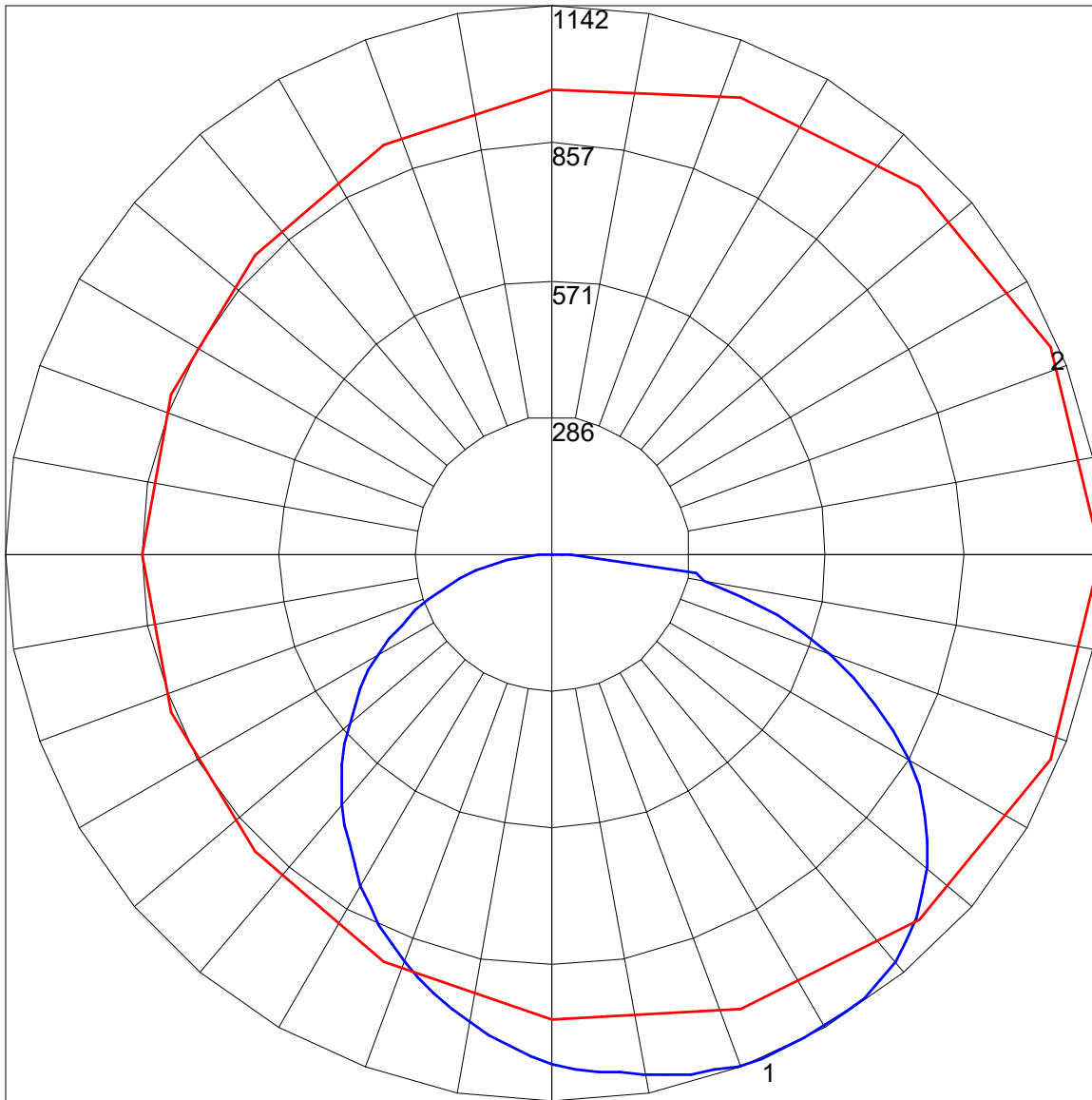
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	102	98	93	105	100	96	92	96	92	89	92	89	86	88	86	84	81
2	97	88	81	74	94	86	79	74	83	77	72	79	74	70	76	72	69	66
3	88	77	68	61	85	75	67	60	72	65	59	69	63	58	66	61	57	55
4	80	67	58	51	78	66	57	50	63	56	50	61	54	49	59	53	48	46
5	73	60	50	43	71	59	50	43	56	49	43	54	47	42	53	46	42	39
6	68	54	44	37	66	53	44	37	51	43	37	49	42	37	47	41	36	34
7	63	48	39	33	61	48	39	33	46	38	32	45	37	32	43	37	32	30
8	58	44	35	29	56	43	35	29	42	34	29	41	34	29	39	33	28	26
9	54	40	32	26	53	40	32	26	39	31	26	37	31	26	36	30	26	24
10	51	37	29	24	49	37	29	23	36	28	23	35	28	23	34	28	23	21

POLAR GRAPH



Maximum Candela = 1142.295 Located At Horizontal Angle = 0, Vertical Angle = 25
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (25) (Through Max. Cd.)