

IES Road Report

Photometric Filename:all in one solar light.IES

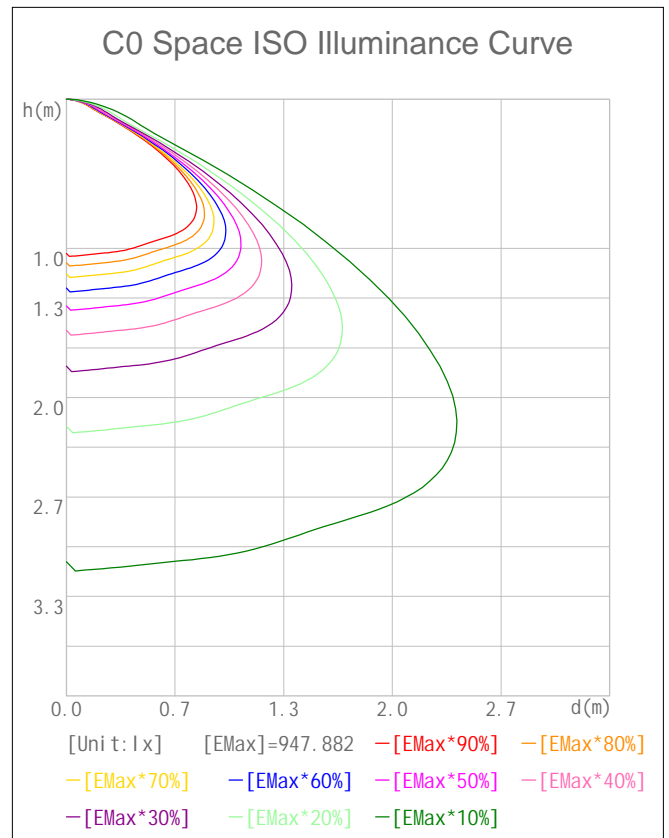
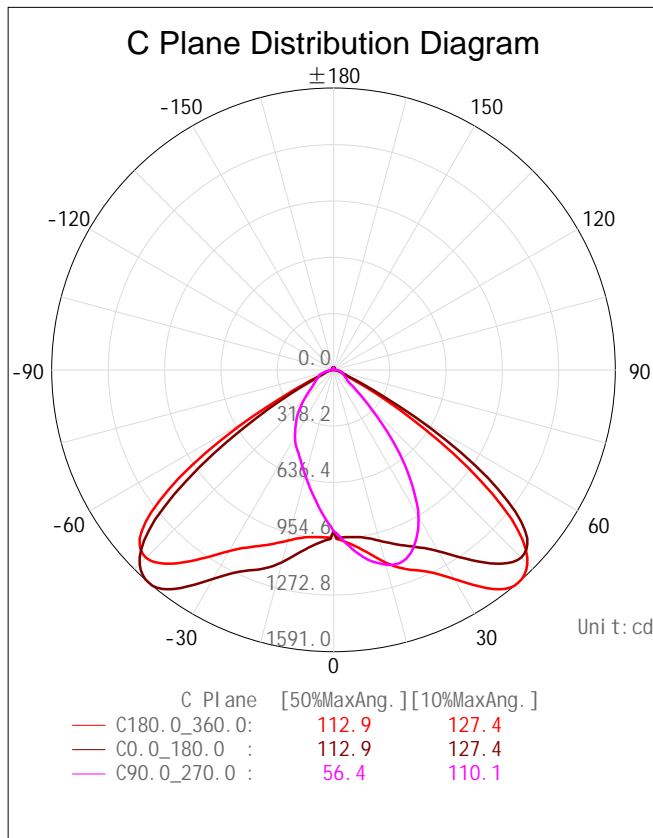
Road Luminaire Photometric Data

Description Information

Luminary Name: LED LIGHT	Lum. Catalog:	Test ID:
Lamp Name: Ied	Lamp Catalog:	Test Date: 2023/07/21
Manufacture:	Shld. Ang(°):	Test Machine: GON-2000
Test Lab:	Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size(W*L*H): 0.175m*0.175m*0.000m	Lum. Area(m2): 0.024	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25
		Humidity(%): 50.0

Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminary Flux(lm): 2360.701	Down Lumens&Percent: 2326.687lm 98.56%
Rated Power(W):	Luminary Efficiency: 236.07%	Up Lumens&Percent: 34.014lm 1.44%
Rated Voltage(V):	Luminary EER(lm/W): 7.869	76° Flash Area(m2):
Tested Power(W): 200.000	Max. Candela(cd): 1590.970	SLI: 0.000
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=41.0	IES Classification: Type I
Tested Electrics(V, A, pf): 0.0, 0.000, 1.000	Half Peak Angle(°): L=-57.6, R=55.3	Longitudinal Classfct: Very Short
Lamp Size(W*L*H): 0.175m*0.175m*0.000m	Field Angle(10%Imax): 127.4(°)	Cutoff Classification: Cutoff

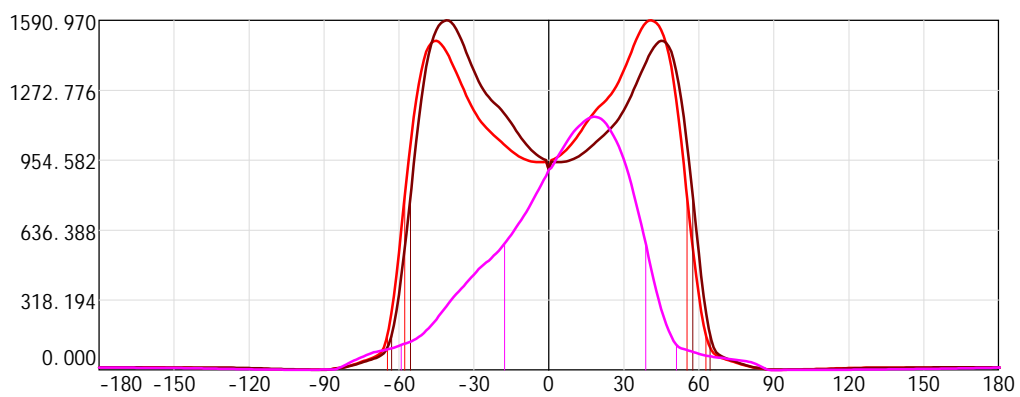
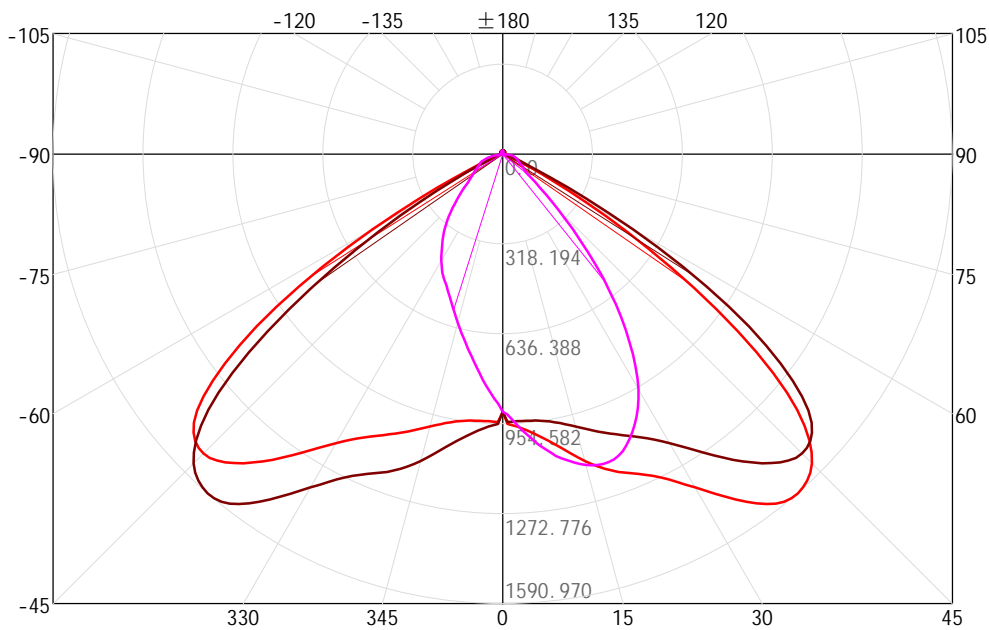


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2D Plane Light Intensity Distribution Curve

Lum. Name: LED LIGHT	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/07/21

C Plane Distribution Diagram



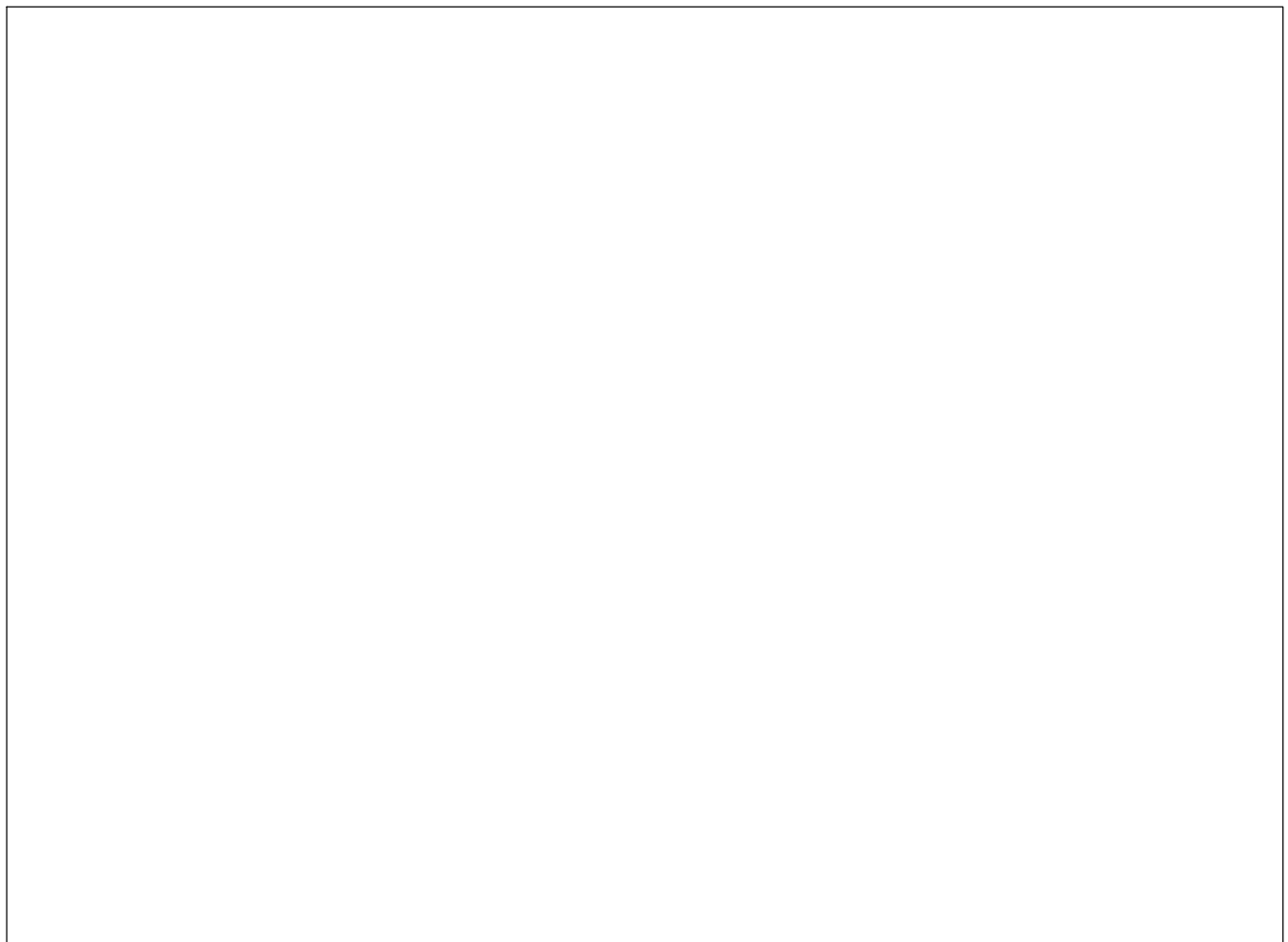
	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit: cd
—	C180_0_360.0:	112.9	127.4	
—	C0_0_180.0 :	112.9	127.4	
—	C90_0_270.0 :	56.4	110.1	

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3D Light Intensity Distribution Modal

Lum. Name: LED LIGHT	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/07/21

3D Light Intensity Distribution Modal



Curves: 3D Model — Fixture — Vert. HUD — Hori. HUD —
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

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Zonal Flux Tabulation

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.87	0.87	0.09	0.09	44.0-45.0	54.45	1626.94	5.45	162.69
1.0-2.0	2.60	3.47	0.26	0.35	45.0-46.0	53.02	1679.97	5.30	168.00
2.0-3.0	4.34	7.80	0.43	0.78	46.0-47.0	51.36	1731.33	5.14	173.13
3.0-4.0	6.08	13.88	0.61	1.39	47.0-48.0	49.45	1780.78	4.94	178.08
4.0-5.0	7.82	21.70	0.78	2.17	48.0-49.0	47.33	1828.11	4.73	182.81
5.0-6.0	9.57	31.27	0.96	3.13	49.0-50.0	45.00	1873.11	4.50	187.31
6.0-7.0	11.33	42.61	1.13	4.26	50.0-51.0	42.43	1915.54	4.24	191.55
7.0-8.0	13.10	55.71	1.31	5.57	51.0-52.0	39.69	1955.23	3.97	195.52
8.0-9.0	14.88	70.59	1.49	7.06	52.0-53.0	36.84	1992.07	3.68	199.21
9.0-10.0	16.67	87.26	1.67	8.73	53.0-54.0	33.91	2025.99	3.39	202.60
10.0-11.0	18.48	105.74	1.85	10.57	54.0-55.0	31.00	2056.99	3.10	205.70
11.0-12.0	20.29	126.03	2.03	12.60	55.0-56.0	28.13	2085.12	2.81	208.51
12.0-13.0	22.12	148.15	2.21	14.82	56.0-57.0	25.34	2110.46	2.53	211.05
13.0-14.0	23.95	172.10	2.39	17.21	57.0-58.0	22.66	2133.12	2.27	213.31
14.0-15.0	25.78	197.88	2.58	19.79	58.0-59.0	20.09	2153.21	2.01	215.32
15.0-16.0	27.61	225.48	2.76	22.55	59.0-60.0	17.68	2170.89	1.77	217.09
16.0-17.0	29.43	254.92	2.94	25.49	60.0-61.0	15.48	2186.37	1.55	218.64
17.0-18.0	31.24	286.16	3.12	28.62	61.0-62.0	13.50	2199.87	1.35	219.99
18.0-19.0	33.03	319.19	3.30	31.92	62.0-63.0	11.80	2211.67	1.18	221.17
19.0-20.0	34.78	353.97	3.48	35.40	63.0-64.0	10.40	2222.08	1.04	222.21
20.0-21.0	36.50	390.46	3.65	39.05	64.0-65.0	9.29	2231.37	0.93	223.14
21.0-22.0	38.18	428.64	3.82	42.86	65.0-66.0	8.47	2239.84	0.85	223.98
22.0-23.0	39.81	468.46	3.98	46.85	66.0-67.0	7.88	2247.72	0.79	224.77
23.0-24.0	41.41	509.86	4.14	50.99	67.0-68.0	7.43	2255.15	0.74	225.52
24.0-25.0	42.97	552.83	4.30	55.28	68.0-69.0	7.07	2262.22	0.71	226.22
25.0-26.0	44.49	597.33	4.45	59.73	69.0-70.0	6.74	2268.96	0.67	226.90
26.0-27.0	45.98	643.31	4.60	64.33	70.0-71.0	6.41	2275.36	0.64	227.54
27.0-28.0	47.42	690.73	4.74	69.07	71.0-72.0	6.07	2281.43	0.61	228.14
28.0-29.0	48.82	739.56	4.88	73.96	72.0-73.0	5.72	2287.15	0.57	228.72
29.0-30.0	50.18	789.74	5.02	78.97	73.0-74.0	5.34	2292.49	0.53	229.25
30.0-31.0	51.48	841.22	5.15	84.12	74.0-75.0	4.93	2297.42	0.49	229.74
31.0-32.0	52.70	893.92	5.27	89.39	75.0-76.0	4.51	2301.93	0.45	230.19
32.0-33.0	53.82	947.74	5.38	94.77	76.0-77.0	4.08	2306.00	0.41	230.60
33.0-34.0	54.85	1002.58	5.48	100.26	77.0-78.0	3.65	2309.65	0.36	230.97
34.0-35.0	55.76	1058.34	5.58	105.83	78.0-79.0	3.24	2312.89	0.32	231.29
35.0-36.0	56.53	1114.87	5.65	111.49	79.0-80.0	2.84	2315.72	0.28	231.57
36.0-37.0	57.15	1172.02	5.71	117.20	80.0-81.0	2.45	2318.18	0.25	231.82
37.0-38.0	57.60	1229.62	5.76	122.96	81.0-82.0	2.08	2320.26	0.21	232.03
38.0-39.0	57.85	1287.47	5.79	128.75	82.0-83.0	1.70	2321.95	0.17	232.20
39.0-40.0	57.89	1345.36	5.79	134.54	83.0-84.0	1.34	2323.30	0.13	232.33
40.0-41.0	57.70	1403.06	5.77	140.31	84.0-85.0	1.04	2324.34	0.10	232.43
41.0-42.0	57.24	1460.30	5.72	146.03	85.0-86.0	0.80	2325.14	0.08	232.51
42.0-43.0	56.55	1516.85	5.66	151.69	86.0-87.0	0.60	2325.73	0.06	232.57
43.0-44.0	55.63	1572.49	5.56	157.25	87.0-88.0	0.42	2326.15	0.04	232.62

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Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
88.0-89.0	0.30	2326.45	0.03	232.65	132.0-133.0	0.59	2342.47	0.06	234.25
89.0-90.0	0.23	2326.69	0.02	232.67	133.0-134.0	0.59	2343.07	0.06	234.31
90.0-91.0	0.19	2326.88	0.02	232.69	134.0-135.0	0.60	2343.66	0.06	234.37
91.0-92.0	0.18	2327.05	0.02	232.71	135.0-136.0	0.59	2344.26	0.06	234.43
92.0-93.0	0.17	2327.23	0.02	232.72	136.0-137.0	0.59	2344.85	0.06	234.48
93.0-94.0	0.17	2327.40	0.02	232.74	137.0-138.0	0.59	2345.44	0.06	234.54
94.0-95.0	0.18	2327.58	0.02	232.76	138.0-139.0	0.59	2346.03	0.06	234.60
95.0-96.0	0.18	2327.76	0.02	232.78	139.0-140.0	0.58	2346.61	0.06	234.66
96.0-97.0	0.19	2327.94	0.02	232.79	140.0-141.0	0.58	2347.19	0.06	234.72
97.0-98.0	0.19	2328.14	0.02	232.81	141.0-142.0	0.57	2347.77	0.06	234.78
98.0-99.0	0.20	2328.34	0.02	232.83	142.0-143.0	0.57	2348.34	0.06	234.83
99.0-100.0	0.21	2328.54	0.02	232.85	143.0-144.0	0.56	2348.90	0.06	234.89
100.0-101.0	0.22	2328.76	0.02	232.88	144.0-145.0	0.55	2349.45	0.06	234.95
101.0-102.0	0.22	2328.98	0.02	232.90	145.0-146.0	0.55	2350.00	0.05	235.00
102.0-103.0	0.23	2329.22	0.02	232.92	146.0-147.0	0.54	2350.54	0.05	235.05
103.0-104.0	0.24	2329.46	0.02	232.95	147.0-148.0	0.53	2351.07	0.05	235.11
104.0-105.0	0.26	2329.72	0.03	232.97	148.0-149.0	0.52	2351.59	0.05	235.16
105.0-106.0	0.27	2329.99	0.03	233.00	149.0-150.0	0.51	2352.10	0.05	235.21
106.0-107.0	0.28	2330.26	0.03	233.03	150.0-151.0	0.50	2352.60	0.05	235.26
107.0-108.0	0.29	2330.56	0.03	233.06	151.0-152.0	0.49	2353.09	0.05	235.31
108.0-109.0	0.31	2330.86	0.03	233.09	152.0-153.0	0.48	2353.57	0.05	235.36
109.0-110.0	0.32	2331.18	0.03	233.12	153.0-154.0	0.47	2354.04	0.05	235.40
110.0-111.0	0.33	2331.52	0.03	233.15	154.0-155.0	0.46	2354.50	0.05	235.45
111.0-112.0	0.35	2331.87	0.03	233.19	155.0-156.0	0.44	2354.94	0.04	235.49
112.0-113.0	0.37	2332.23	0.04	233.22	156.0-157.0	0.43	2355.37	0.04	235.54
113.0-114.0	0.38	2332.61	0.04	233.26	157.0-158.0	0.42	2355.79	0.04	235.58
114.0-115.0	0.40	2333.01	0.04	233.30	158.0-159.0	0.40	2356.20	0.04	235.62
115.0-116.0	0.42	2333.43	0.04	233.34	159.0-160.0	0.39	2356.59	0.04	235.66
116.0-117.0	0.43	2333.86	0.04	233.39	160.0-161.0	0.38	2356.96	0.04	235.70
117.0-118.0	0.45	2334.31	0.04	233.43	161.0-162.0	0.36	2357.32	0.04	235.73
118.0-119.0	0.46	2334.77	0.05	233.48	162.0-163.0	0.34	2357.67	0.03	235.77
119.0-120.0	0.48	2335.25	0.05	233.53	163.0-164.0	0.33	2358.00	0.03	235.80
120.0-121.0	0.49	2335.74	0.05	233.57	164.0-165.0	0.31	2358.31	0.03	235.83
121.0-122.0	0.51	2336.25	0.05	233.63	165.0-166.0	0.30	2358.61	0.03	235.86
122.0-123.0	0.52	2336.77	0.05	233.68	166.0-167.0	0.28	2358.88	0.03	235.89
123.0-124.0	0.53	2337.31	0.05	233.73	167.0-168.0	0.26	2359.14	0.03	235.91
124.0-125.0	0.54	2337.85	0.05	233.79	168.0-169.0	0.24	2359.39	0.02	235.94
125.0-126.0	0.55	2338.40	0.06	233.84	169.0-170.0	0.22	2359.61	0.02	235.96
126.0-127.0	0.56	2338.97	0.06	233.90	170.0-171.0	0.20	2359.81	0.02	235.98
127.0-128.0	0.57	2339.54	0.06	233.95	171.0-172.0	0.18	2360.00	0.02	236.00
128.0-129.0	0.58	2340.12	0.06	234.01	172.0-173.0	0.16	2360.16	0.02	236.02
129.0-130.0	0.58	2340.70	0.06	234.07	173.0-174.0	0.14	2360.30	0.01	236.03
130.0-131.0	0.59	2341.29	0.06	234.13	174.0-175.0	0.12	2360.42	0.01	236.04
131.0-132.0	0.59	2341.88	0.06	234.19	175.0-176.0	0.10	2360.52	0.01	236.05

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Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
176.0-177.0	0.08	2360.60	0.01	236.06
177.0-178.0	0.06	2360.66	0.01	236.07
178.0-179.0	0.03	2360.69	0.00	236.07
179.0-180.0	0.01	2360.70	0.00	236.07

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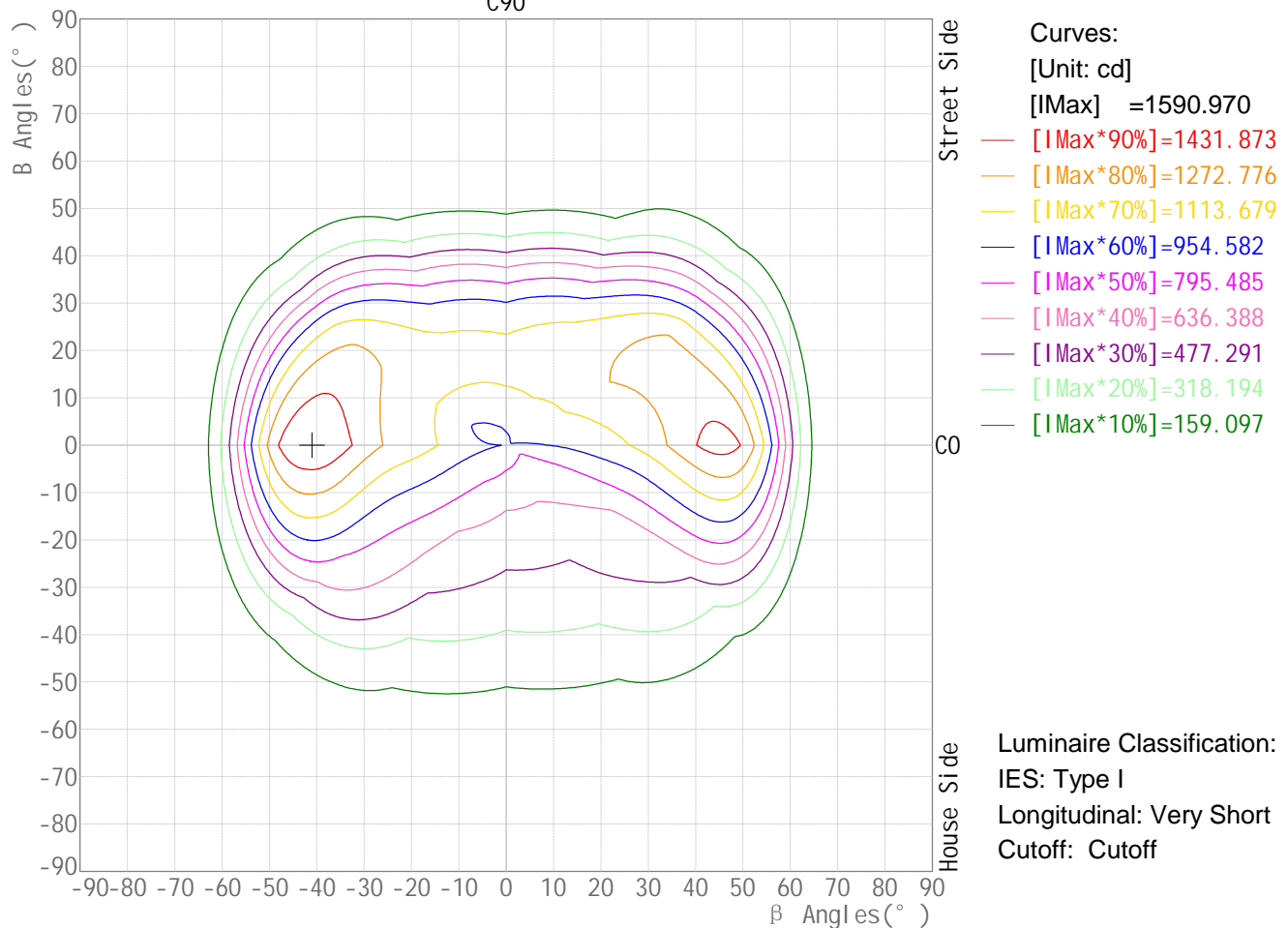
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Rectangle ISO Lighting Intensity Diagram

Lum. Name: LED LIGHT	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/07/21

ISO Lighting Intensity Curve

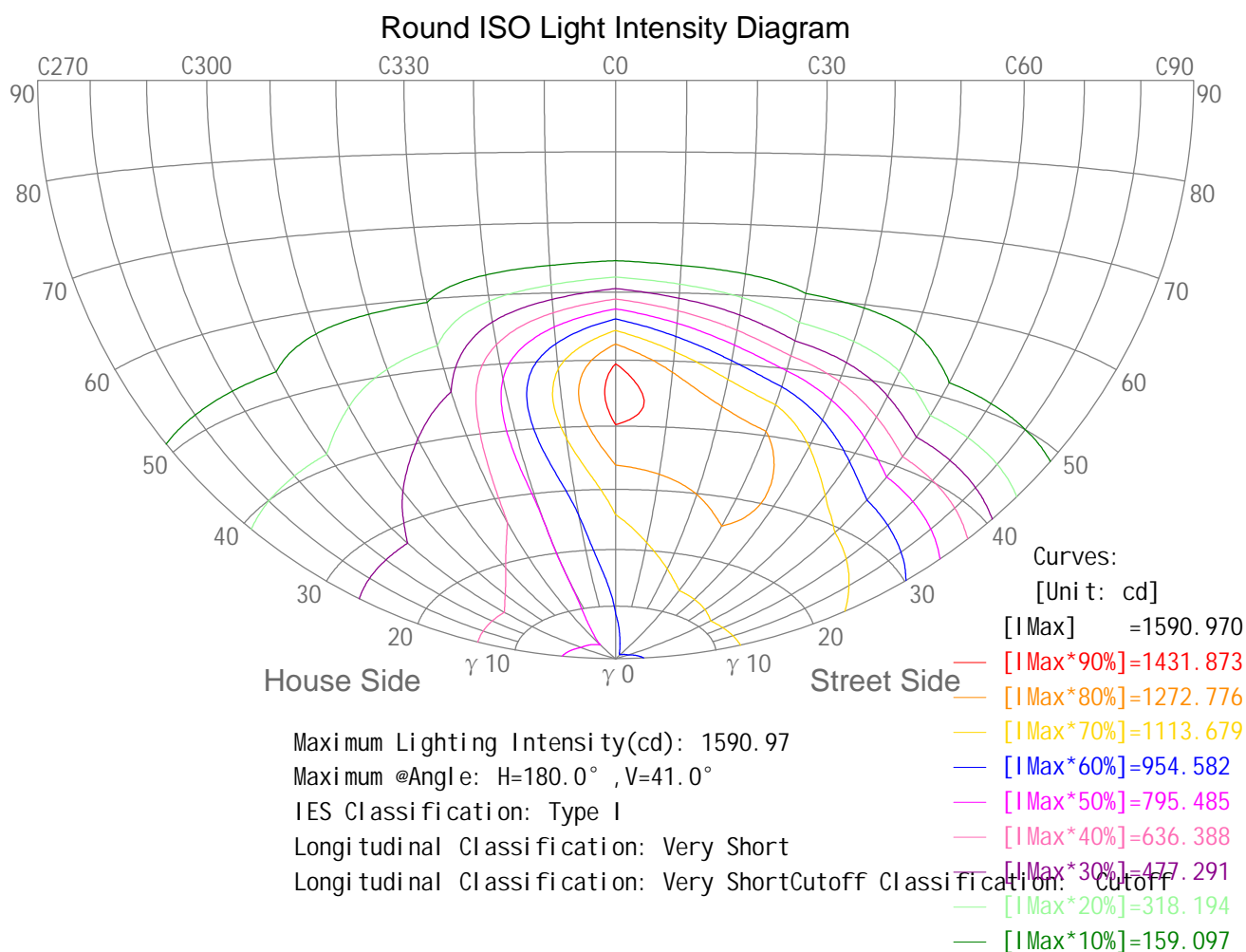
C90



Maximum Light Intensity(cd): 1590.97
 Maximum Cand.@Angle: H=-41.0°,V=0.0°

Round ISO Lighting Intensity Diagram

Lum. Name: LED LIGHT	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/07/21

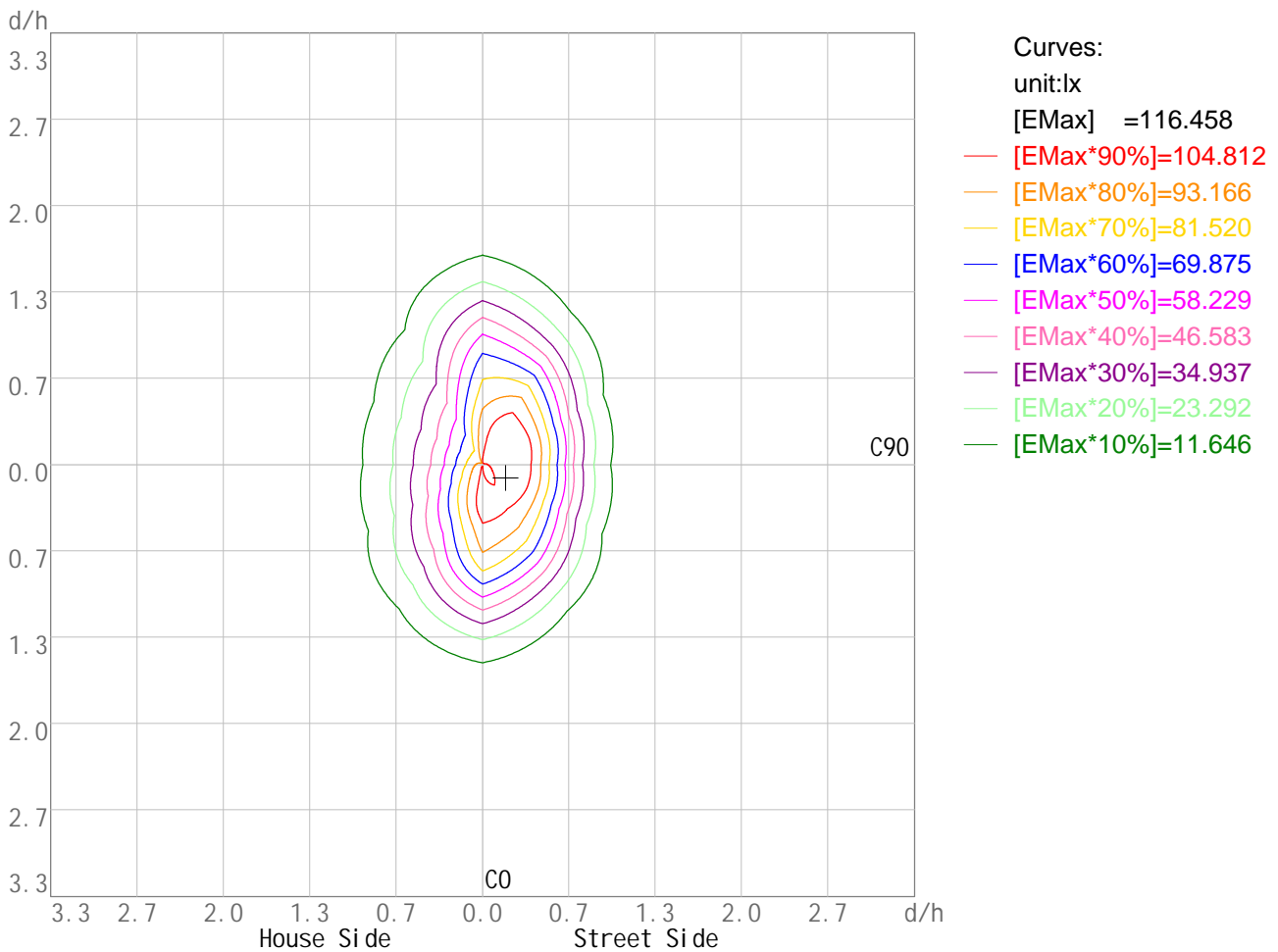


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Plane ISO-Illuminance Diagram

Lum. Name: LED LIGHT	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/07/21

Plane ISO-Illuminance Curve

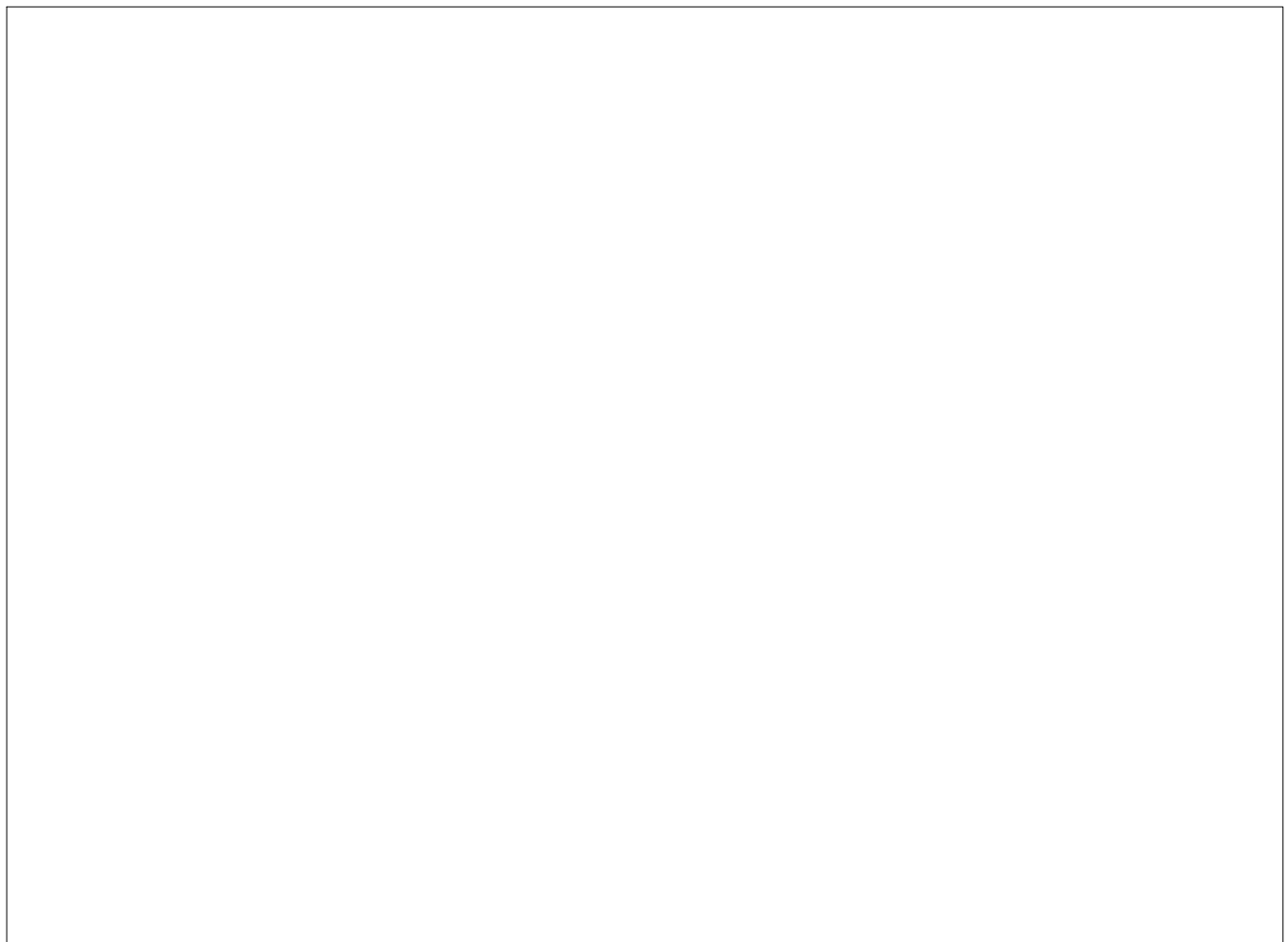


Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 116.46
 Working Plane Maximum Illuminance Position(d/h):H0.2 V0.1

3D Plane ISO Illuminance Diagram

Lum. Name: LED LIGHT	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/07/21

3D Plane Illuminance Modal

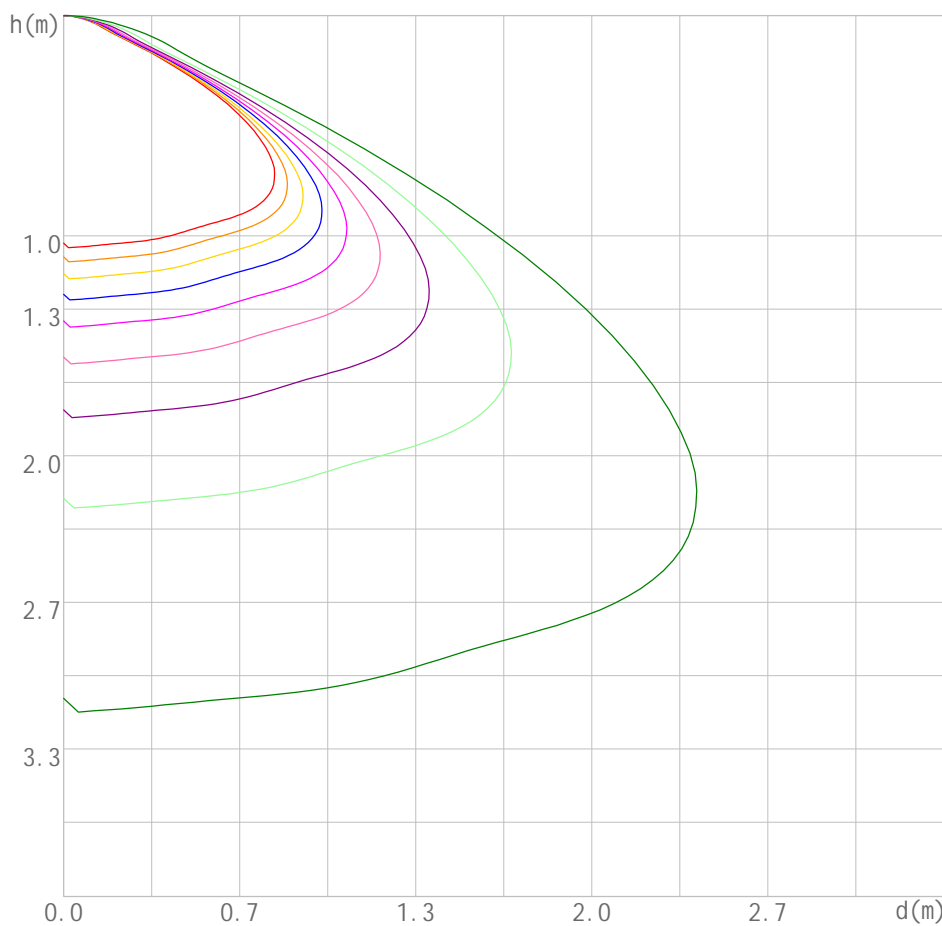


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: LED LIGHT	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/07/21

Space ISO Illuminance Curve



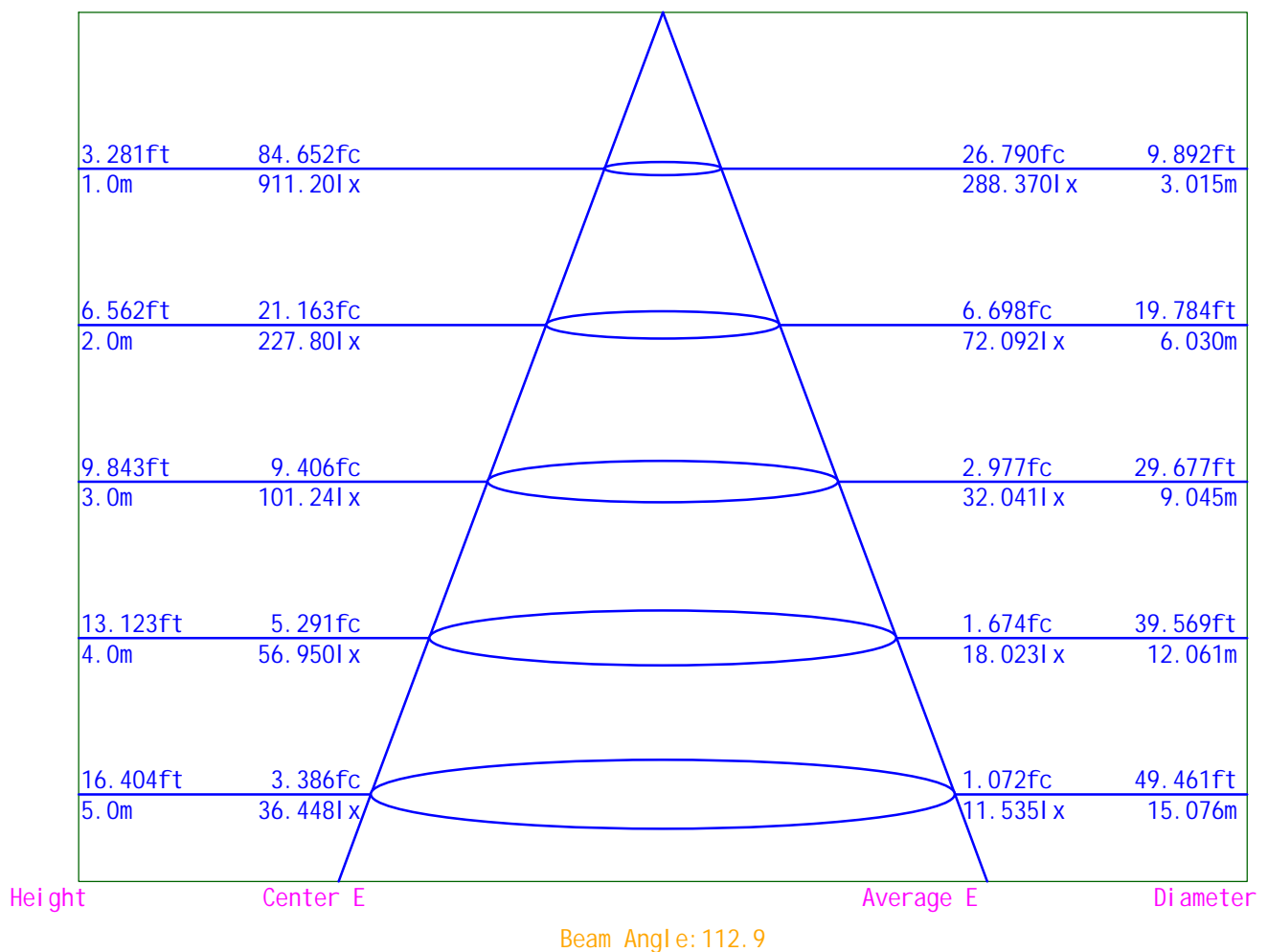
- Curves:**
 [Unit: lx]
 [EMax] =947.882
- [EMax*90%]=853.094
 - [EMax*80%]=758.305
 - [EMax*70%]=663.517
 - [EMax*60%]=568.729
 - [EMax*50%]=473.941
 - [EMax*40%]=379.153
 - [EMax*30%]=284.365
 - [EMax*20%]=189.576
 - [EMax*10%]=94.788

Space Plane Maximum Illuminance and @Angle:947.88lx,1.0deg
 Plane Maximum Lighting Intensity and @Angle:1498.112cd,0deg

Illuminance-Distance Diagram

Lum. Name: LED LIGHT	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/07/21

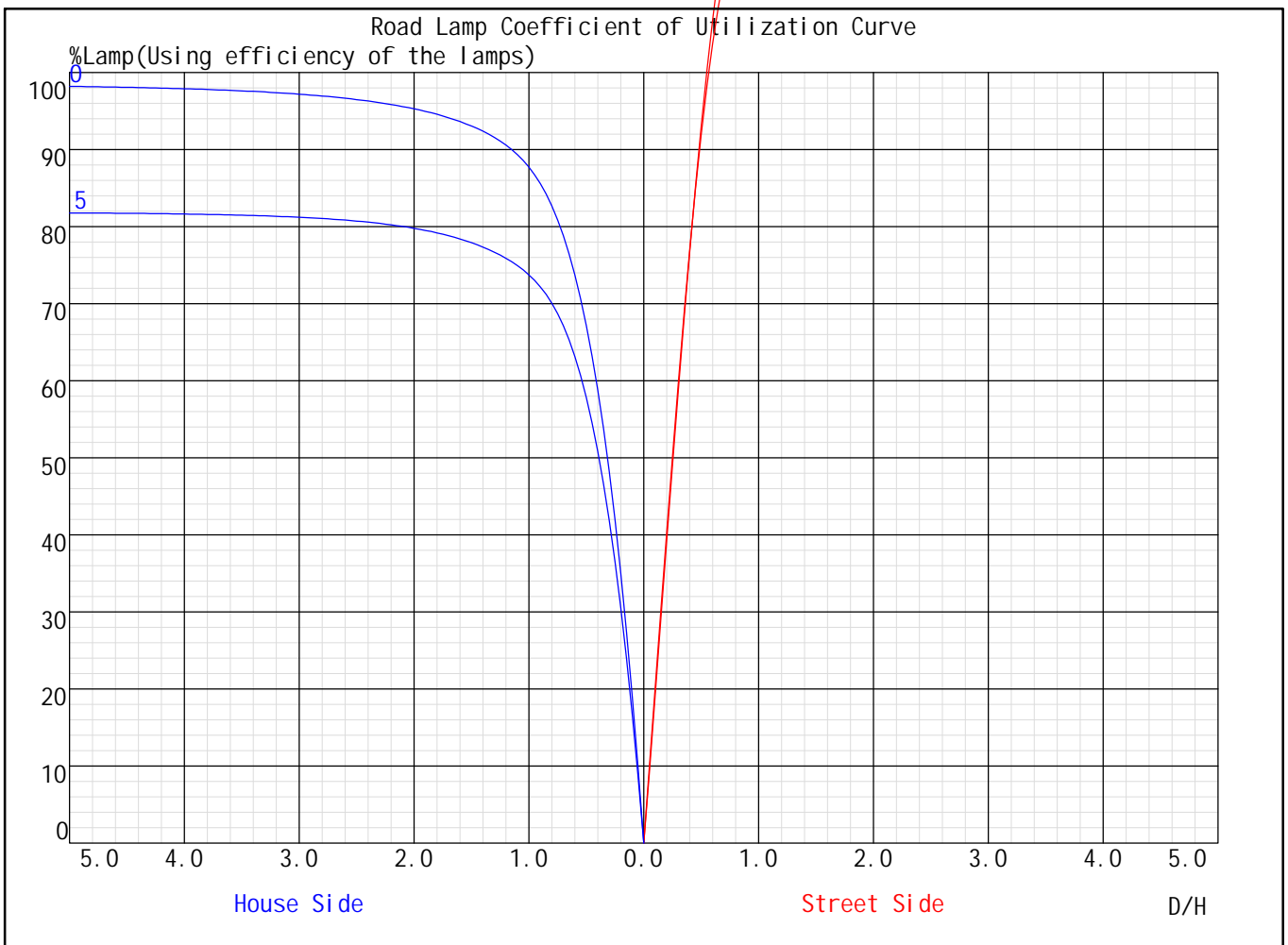
Illuminance-Distance Curve



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Road Coefficient of Utilization Curves

Lum. Name: LED LIGHT	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/07/21



Tilt Angles: Ang1(deg): 0 Ang2(deg): 5

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Candela Tabulation

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ0.0	911.20	911.20	911.20	911.20	911.20	911.20	911.20	911.20	911.20	911.20	911.20	911.20
γ1.0	948.32	956.75	948.01	920.24	882.71	838.92	954.42	942.64	917.89	882.96	848.55	816.29
γ2.0	946.83	965.11	964.20	938.91	900.71	851.19	959.16	937.12	902.78	864.11	831.26	806.31
γ3.0	946.22	974.43	981.13	958.54	919.47	864.91	965.40	932.10	887.74	843.86	813.95	796.08
γ4.0	946.28	984.75	997.65	977.94	937.84	879.61	972.84	927.58	871.78	822.91	795.79	786.09
γ5.0	946.83	995.28	1014.76	996.56	956.93	894.74	981.12	923.82	855.61	802.09	777.25	772.79
γ6.0	947.98	1006.51	1031.66	1015.80	975.67	910.79	990.71	920.21	839.78	780.19	759.28	762.64
γ7.0	949.76	1018.06	1049.30	1034.45	995.27	927.84	1001.36	917.05	823.25	758.69	740.34	753.36
γ8.0	952.39	1029.84	1065.71	1051.36	1014.13	945.39	1012.95	914.29	807.11	738.96	721.85	744.65
γ9.0	956.08	1042.61	1080.30	1067.86	1031.63	964.45	1026.22	911.92	792.31	719.50	705.19	735.94
γ10.0	960.60	1055.98	1094.08	1083.90	1049.04	984.56	1040.70	910.17	777.91	701.29	689.04	727.59
γ11.0	966.22	1069.62	1107.81	1096.94	1066.30	1004.53	1055.74	909.00	763.93	683.29	673.37	720.08
γ12.0	972.93	1084.07	1119.91	1108.45	1081.36	1025.11	1072.22	908.39	750.68	666.03	658.86	713.09
γ13.0	980.42	1098.83	1131.28	1119.36	1095.71	1045.20	1088.84	908.02	737.22	649.41	644.47	706.83
γ14.0	988.77	1113.30	1142.13	1129.11	1104.03	1064.01	1106.49	907.54	724.00	632.65	630.38	701.35
γ15.0	997.79	1128.28	1152.43	1138.32	1116.14	1082.46	1123.83	906.58	710.90	616.41	617.04	696.08
γ16.0	1007.13	1143.29	1163.19	1145.32	1128.37	1099.04	1139.89	905.16	697.46	600.92	603.44	690.92
γ17.0	1017.21	1157.43	1173.37	1149.85	1139.37	1114.49	1155.85	903.10	684.26	585.30	590.25	685.97
γ18.0	1027.19	1171.70	1182.07	1152.18	1148.25	1128.23	1170.70	900.48	671.64	570.52	577.63	680.96
γ19.0	1037.76	1185.79	1189.25	1152.02	1155.49	1140.24	1183.82	897.44	658.60	556.95	564.97	675.86
γ20.0	1048.27	1199.44	1194.18	1149.02	1160.39	1151.59	1196.08	893.83	645.52	543.60	552.69	670.56
γ21.0	1058.49	1213.49	1196.82	1142.28	1162.67	1162.85	1207.21	889.59	633.23	531.31	541.04	664.98
γ22.0	1068.99	1226.79	1196.81	1132.77	1161.89	1173.79	1217.46	885.18	620.76	520.41	529.65	659.39
γ23.0	1079.71	1240.64	1193.81	1119.81	1158.11	1185.71	1228.92	880.36	608.33	507.67	518.64	653.56
γ24.0	1090.48	1254.00	1188.02	1103.55	1151.25	1197.50	1241.46	875.35	596.47	498.40	508.70	647.60
γ25.0	1102.19	1266.63	1179.48	1084.73	1141.35	1209.06	1255.35	870.66	584.36	489.99	499.01	642.12
γ26.0	1115.14	1279.21	1168.11	1064.73	1128.23	1220.94	1272.29	865.84	572.91	480.55	490.03	636.47
γ27.0	1128.71	1291.14	1154.47	1042.17	1112.97	1232.49	1291.17	861.23	561.46	470.24	480.99	631.18
γ28.0	1144.33	1301.83	1138.01	1018.14	1094.46	1243.58	1313.07	856.91	550.45	459.35	472.32	626.36
γ29.0	1161.80	1312.22	1119.45	990.69	1073.72	1254.63	1336.94	853.00	540.03	446.95	463.87	621.65
γ30.0	1180.95	1321.37	1099.04	960.03	1051.96	1264.62	1361.78	849.48	532.12	434.01	455.37	616.98
γ31.0	1202.49	1329.37	1075.43	926.31	1027.42	1273.42	1388.89	846.47	521.60	421.70	446.93	612.39
γ32.0	1225.04	1336.24	1044.39	887.41	999.90	1281.35	1417.22	843.47	511.41	408.94	438.25	607.55
γ33.0	1249.19	1341.13	1014.12	845.42	970.30	1287.39	1445.22	840.34	500.58	396.06	428.56	602.38
γ34.0	1274.73	1343.87	979.90	802.82	936.13	1291.12	1473.91	837.06	489.27	383.53	418.21	596.90
γ35.0	1300.20	1343.98	942.90	757.39	899.97	1292.05	1501.72	833.39	477.34	370.89	407.29	591.07
γ36.0	1326.84	1340.88	901.39	710.24	859.84	1289.58	1527.00	829.45	463.87	358.52	395.05	584.77
γ37.0	1353.61	1334.55	856.69	663.33	816.75	1283.50	1549.85	824.90	449.33	346.23	382.05	578.20
γ38.0	1378.82	1323.95	810.94	613.19	772.72	1272.35	1568.80	819.29	434.33	332.94	369.45	570.75
γ39.0	1403.81	1309.13	761.78	564.20	725.11	1255.85	1582.14	812.27	418.55	319.10	356.07	562.91
γ40.0	1427.55	1289.78	710.23	512.71	675.25	1234.33	1589.64	803.75	402.38	305.08	342.51	554.74
γ41.0	1448.61	1263.92	658.23	459.81	624.85	1205.61	1590.97	792.51	386.18	290.12	328.95	545.64
γ42.0	1467.09	1231.60	603.27	408.68	571.52	1169.87	1586.97	778.78	368.88	274.96	314.65	535.75
γ43.0	1482.46	1193.69	546.86	361.29	517.20	1128.46	1578.78	762.83	350.88	260.26	299.92	525.38

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 44.0	1493.16	1147.97	492.10	316.60	464.79	1078.78	1566.67	743.18	332.94	245.28	285.09	513.74
γ 45.0	1498.11	1095.50	436.30	277.34	411.96	1021.83	1547.11	719.80	313.90	230.66	269.57	500.77
γ 46.0	1496.19	1039.56	382.61	242.60	361.49	959.92	1519.15	693.45	294.76	217.16	253.95	486.57
γ 47.0	1487.64	977.99	333.78	208.42	315.87	889.46	1483.73	662.24	276.50	203.78	239.09	469.98
γ 48.0	1472.08	912.99	288.43	178.73	273.38	814.17	1437.37	627.29	258.23	191.24	225.20	451.03
γ 49.0	1448.08	846.11	248.13	154.08	234.91	738.15	1379.92	589.67	240.94	180.04	210.85	430.34
γ 50.0	1411.87	774.10	213.18	132.39	202.23	657.33	1313.12	547.30	225.21	169.17	197.77	406.90
γ 51.0	1361.71	699.97	182.20	116.18	173.77	579.95	1231.21	502.57	210.15	159.34	185.10	381.75
γ 52.0	1302.02	626.85	156.98	105.27	149.21	502.56	1139.13	458.15	196.15	150.86	173.38	355.75
γ 53.0	1230.51	552.67	134.93	99.35	127.85	429.89	1041.92	412.24	183.43	143.09	162.85	328.24
γ 54.0	1150.14	481.07	115.97	95.34	111.78	365.78	936.02	369.13	171.17	136.77	153.10	300.23
γ 55.0	1063.01	415.93	103.76	92.52	101.64	307.11	827.47	326.49	160.32	131.31	144.69	272.58
γ 56.0	964.40	354.21	97.01	89.31	95.39	256.39	721.67	286.33	150.79	126.69	136.98	244.58
γ 57.0	858.49	301.61	92.60	85.75	90.92	215.24	615.65	250.82	143.42	122.77	130.43	218.38
γ 58.0	750.49	254.45	89.17	82.20	87.02	178.05	519.39	218.08	137.94	119.14	125.49	192.96
γ 59.0	637.84	214.36	86.18	77.93	83.65	147.13	426.69	189.13	133.29	115.17	121.50	169.62
γ 60.0	532.23	181.75	83.13	74.04	80.24	122.74	341.52	165.15	129.35	110.73	118.23	149.45
γ 61.0	428.85	153.32	80.30	70.97	77.23	102.66	267.75	144.90	125.81	106.17	115.42	131.42
γ 62.0	335.36	129.88	77.30	68.21	74.14	86.96	203.86	128.78	122.20	101.81	112.52	116.34
γ 63.0	256.14	111.49	74.04	65.88	70.73	75.91	152.72	116.90	118.45	98.53	109.40	104.68
γ 64.0	187.34	96.14	70.58	63.79	67.27	67.75	116.83	107.75	114.51	95.68	106.18	95.62
γ 65.0	136.43	84.28	67.13	61.88	63.66	62.18	92.07	100.92	110.29	93.05	102.73	88.84
γ 66.0	102.82	75.89	63.51	60.27	60.27	58.28	77.50	95.68	105.96	90.54	99.08	83.49
γ 67.0	82.18	69.74	60.20	58.75	57.20	55.13	68.24	90.98	101.81	88.07	95.37	79.18
γ 68.0	70.72	65.05	57.06	57.40	54.21	52.12	61.28	86.46	97.46	85.77	91.32	75.32
γ 69.0	63.67	61.19	54.03	56.08	51.52	49.08	56.01	82.12	92.75	83.62	86.95	71.65
γ 70.0	58.16	57.22	51.15	54.60	49.21	45.68	51.84	77.81	88.17	81.00	82.62	67.81
γ 71.0	53.60	53.08	48.57	53.08	47.24	42.21	48.07	73.24	83.45	77.30	78.21	63.83
γ 72.0	49.54	48.85	46.35	51.53	45.57	38.67	44.69	68.57	78.67	72.85	73.61	59.87
γ 73.0	45.55	44.24	44.29	49.87	43.98	34.81	41.36	63.32	73.81	68.11	68.94	55.59
γ 74.0	41.57	39.25	42.22	48.19	42.22	30.51	37.74	57.44	68.39	62.77	63.73	50.68
γ 75.0	37.67	34.01	40.06	46.58	39.94	26.37	34.06	51.36	63.00	58.04	58.58	45.28
γ 76.0	33.59	28.87	37.63	45.00	37.48	22.40	30.27	44.83	57.72	53.27	53.74	39.46
γ 77.0	29.58	24.03	34.81	43.46	34.63	18.66	26.51	38.41	52.33	48.26	48.77	33.76
γ 78.0	25.50	19.79	31.77	41.85	31.54	15.27	22.89	32.83	47.08	43.16	43.97	28.87
γ 79.0	22.16	16.00	28.29	40.23	27.99	12.19	19.73	27.85	41.86	37.79	39.20	24.78
γ 80.0	19.33	12.55	24.45	38.38	24.19	9.63	17.00	23.44	36.46	32.28	34.19	21.19
γ 81.0	16.56	9.75	21.12	35.99	20.70	7.54	14.60	19.85	31.08	26.81	29.24	18.14
γ 82.0	13.75	7.29	17.80	32.30	17.19	5.72	12.14	16.57	25.31	20.98	24.31	15.28
γ 83.0	11.50	5.33	14.05	27.00	13.51	4.31	9.82	13.77	19.82	15.11	19.32	12.71
γ 84.0	9.75	3.92	10.32	21.19	10.09	3.24	8.11	11.44	15.81	9.83	15.55	10.60
γ 85.0	8.34	2.99	7.47	15.70	7.22	2.52	6.85	9.46	12.49	4.90	12.43	8.75
γ 86.0	6.77	2.34	5.58	9.91	5.26	2.01	5.59	8.07	9.82	3.19	9.77	7.28
γ 87.0	4.90	1.76	3.77	4.32	3.63	1.51	3.89	6.88	7.66	2.88	7.60	6.18

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 88.0	3.40	1.05	2.35	0.83	2.27	0.87	2.28	5.55	5.61	2.63	5.69	5.02
γ 89.0	2.58	0.70	2.18	0.69	2.11	0.64	1.38	4.20	3.75	2.48	3.85	3.84
γ 90.0	2.41	0.72	2.11	0.64	2.02	0.66	1.26	2.86	2.34	2.32	2.41	2.73
γ 91.0	2.37	0.76	2.05	0.65	1.97	0.69	1.38	2.59	1.26	2.20	1.32	2.31
γ 92.0	2.35	0.80	2.01	0.69	1.91	0.73	1.51	2.53	0.97	2.10	0.95	2.23
γ 93.0	2.36	0.84	1.99	0.72	1.92	0.79	1.69	2.51	0.95	2.06	0.92	2.21
γ 94.0	2.36	0.88	1.98	0.75	1.90	0.82	1.88	2.53	0.95	2.03	0.92	2.20
γ 95.0	2.39	0.93	1.96	0.79	1.89	0.88	2.07	2.58	0.96	2.01	0.93	2.23
γ 96.0	2.43	1.02	1.96	0.84	1.90	0.94	2.28	2.63	1.01	1.98	0.95	2.27
γ 97.0	2.49	1.10	1.98	0.88	1.91	1.00	2.52	2.72	1.03	1.97	0.98	2.32
γ 98.0	2.56	1.18	1.98	0.90	1.91	1.06	2.73	2.81	1.09	1.97	1.03	2.39
γ 99.0	2.61	1.25	2.00	0.96	1.91	1.13	2.97	2.95	1.16	1.96	1.07	2.49
γ 100.0	2.72	1.33	2.01	1.00	1.93	1.23	3.21	3.11	1.22	1.98	1.13	2.62
γ 101.0	2.81	1.42	2.04	1.04	1.96	1.30	3.47	3.25	1.31	1.99	1.20	2.73
γ 102.0	2.92	1.52	2.05	1.09	1.97	1.39	3.72	3.43	1.39	1.99	1.27	2.88
γ 103.0	3.05	1.62	2.11	1.13	1.99	1.47	3.97	3.64	1.49	2.04	1.38	3.05
γ 104.0	3.17	1.74	2.13	1.18	2.00	1.56	4.25	3.80	1.60	2.07	1.47	3.21
γ 105.0	3.32	1.85	2.15	1.23	2.02	1.67	4.53	4.02	1.71	2.10	1.59	3.40
γ 106.0	3.48	1.97	2.20	1.26	2.04	1.78	4.83	4.25	1.85	2.16	1.70	3.60
γ 107.0	3.66	2.10	2.23	1.31	2.07	1.90	5.11	4.47	1.99	2.21	1.82	3.76
γ 108.0	3.86	2.24	2.24	1.36	2.10	2.01	5.42	4.72	2.13	2.29	1.96	3.97
γ 109.0	4.07	2.39	2.30	1.40	2.13	2.14	5.76	4.96	2.29	2.38	2.13	4.20
γ 110.0	4.33	2.53	2.34	1.48	2.18	2.26	6.11	5.22	2.45	2.47	2.28	4.41
γ 111.0	4.58	2.68	2.39	1.52	2.21	2.39	6.47	5.50	2.63	2.57	2.44	4.66
γ 112.0	4.88	2.87	2.44	1.58	2.25	2.54	6.85	5.80	2.82	2.68	2.63	4.88
γ 113.0	5.19	3.05	2.49	1.62	2.29	2.69	7.24	6.07	3.02	2.83	2.79	5.13
γ 114.0	5.51	3.25	2.57	1.67	2.33	2.85	7.64	6.36	3.23	2.97	2.97	5.39
γ 115.0	5.85	3.44	2.62	1.75	2.38	3.02	8.01	6.68	3.42	3.10	3.17	5.65
γ 116.0	6.20	3.66	2.70	1.80	2.45	3.19	8.38	6.98	3.64	3.27	3.39	5.90
γ 117.0	6.55	3.88	2.77	1.89	2.51	3.38	8.72	7.28	3.87	3.41	3.60	6.21
γ 118.0	6.90	4.13	2.86	1.95	2.56	3.57	9.03	7.58	4.11	3.59	3.82	6.48
γ 119.0	7.23	4.36	2.96	2.03	2.64	3.74	9.34	7.87	4.36	3.75	4.02	6.75
γ 120.0	7.56	4.59	3.03	2.10	2.70	3.90	9.62	8.16	4.59	3.93	4.26	7.03
γ 121.0	7.90	4.81	3.12	2.17	2.79	4.09	9.90	8.44	4.82	4.12	4.49	7.33
γ 122.0	8.22	5.03	3.22	2.26	2.86	4.23	10.16	8.71	5.09	4.32	4.72	7.58
γ 123.0	8.53	5.27	3.33	2.34	2.94	4.41	10.38	8.96	5.34	4.53	4.95	7.84
γ 124.0	8.83	5.48	3.43	2.42	3.02	4.55	10.58	9.18	5.57	4.73	5.21	8.10
γ 125.0	9.08	5.68	3.52	2.49	3.11	4.70	10.76	9.41	5.83	4.95	5.45	8.32
γ 126.0	9.36	5.89	3.64	2.60	3.21	4.83	10.94	9.62	6.08	5.15	5.69	8.55
γ 127.0	9.62	6.07	3.76	2.69	3.30	4.97	11.11	9.80	6.34	5.37	5.94	8.72
γ 128.0	9.84	6.26	3.88	2.79	3.39	5.11	11.23	9.99	6.58	5.60	6.20	8.89
γ 129.0	10.05	6.41	4.01	2.90	3.49	5.22	11.33	10.15	6.84	5.83	6.44	9.09
γ 130.0	10.21	6.58	4.13	3.00	3.59	5.34	11.41	10.28	7.09	6.06	6.70	9.26
γ 131.0	10.38	6.72	4.26	3.10	3.68	5.46	11.45	10.43	7.34	6.29	6.94	9.42

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 132.0	10.52	6.89	4.39	3.22	3.79	5.54	11.51	10.53	7.60	6.52	7.20	9.55
γ 133.0	10.63	7.03	4.52	3.33	3.90	5.62	11.53	10.65	7.84	6.76	7.44	9.69
γ 134.0	10.73	7.17	4.65	3.45	4.00	5.72	11.53	10.75	8.08	7.00	7.68	9.82
γ 135.0	10.79	7.31	4.78	3.56	4.12	5.79	11.51	10.81	8.32	7.22	7.92	9.93
γ 136.0	10.84	7.44	4.93	3.68	4.21	5.86	11.51	10.89	8.55	7.45	8.15	10.04
γ 137.0	10.87	7.58	5.07	3.79	4.30	5.95	11.49	10.97	8.76	7.68	8.38	10.15
γ 138.0	10.88	7.72	5.22	3.91	4.42	6.03	11.46	11.04	8.97	7.90	8.62	10.27
γ 139.0	10.88	7.88	5.37	4.07	4.56	6.11	11.43	11.09	9.16	8.10	8.83	10.38
γ 140.0	10.88	8.02	5.52	4.19	4.66	6.18	11.38	11.16	9.34	8.32	9.05	10.48
γ 141.0	10.87	8.15	5.65	4.32	4.77	6.26	11.37	11.21	9.51	8.52	9.23	10.55
γ 142.0	10.89	8.30	5.79	4.45	4.86	6.35	11.34	11.24	9.66	8.71	9.40	10.63
γ 143.0	10.94	8.43	5.94	4.57	4.97	6.43	11.31	11.27	9.79	8.91	9.57	10.68
γ 144.0	10.99	8.56	6.08	4.71	5.07	6.51	11.31	11.34	9.91	9.06	9.72	10.73
γ 145.0	11.04	8.70	6.22	4.84	5.16	6.59	11.31	11.36	10.02	9.19	9.84	10.76
γ 146.0	11.12	8.85	6.36	4.96	5.27	6.72	11.31	11.40	10.11	9.33	9.96	10.81
γ 147.0	11.20	8.99	6.49	5.11	5.39	6.81	11.34	11.43	10.21	9.47	10.06	10.84
γ 148.0	11.34	9.16	6.62	5.24	5.48	6.91	11.39	11.46	10.29	9.59	10.14	10.86
γ 149.0	11.51	9.31	6.76	5.38	5.61	7.02	11.44	11.51	10.38	9.71	10.20	10.89
γ 150.0	11.68	9.48	6.91	5.53	5.72	7.12	11.52	11.55	10.44	9.78	10.26	10.90
γ 151.0	11.87	9.63	7.06	5.67	5.85	7.24	11.60	11.58	10.50	9.83	10.32	10.90
γ 152.0	12.08	9.79	7.22	5.81	5.97	7.35	11.68	11.62	10.61	9.82	10.36	10.90
γ 153.0	12.27	9.95	7.37	5.98	6.11	7.46	11.77	11.65	10.69	9.79	10.42	10.89
γ 154.0	12.46	10.10	7.49	6.14	6.25	7.57	11.84	11.68	10.76	9.85	10.46	10.88
γ 155.0	12.65	10.25	7.66	6.32	6.39	7.69	11.91	11.72	10.84	9.88	10.52	10.87
γ 156.0	12.82	10.38	7.82	6.50	6.53	7.79	12.01	11.76	10.91	9.98	10.56	10.86
γ 157.0	12.96	10.51	7.98	6.68	6.67	7.89	12.08	11.80	10.97	10.12	10.59	10.84
γ 158.0	13.07	10.65	8.15	6.86	6.85	8.00	12.15	11.84	11.05	10.24	10.63	10.83
γ 159.0	13.16	10.78	8.32	7.06	6.99	8.09	12.18	11.89	11.12	10.35	10.66	10.80
γ 160.0	13.24	10.89	8.48	7.25	7.16	8.22	12.23	11.94	11.22	10.44	10.70	10.80
γ 161.0	13.31	11.02	8.65	7.48	7.32	8.30	12.28	11.99	11.30	10.51	10.73	10.80
γ 162.0	13.36	11.14	8.83	7.68	7.47	8.40	12.34	12.03	11.39	10.61	10.78	10.78
γ 163.0	13.42	11.26	8.99	7.89	7.66	8.51	12.39	12.10	11.47	10.71	10.80	10.80
γ 164.0	13.51	11.39	9.17	8.09	7.85	8.63	12.47	12.17	11.57	10.82	10.84	10.84
γ 165.0	13.58	11.51	9.34	8.30	8.03	8.77	12.54	12.23	11.67	10.91	10.88	10.83
γ 166.0	13.62	11.65	9.52	8.51	8.22	8.88	12.59	12.28	11.77	10.98	10.91	10.86
γ 167.0	13.65	11.77	9.71	8.72	8.40	9.01	12.65	12.35	11.87	11.06	10.95	10.88
γ 168.0	13.66	11.87	9.86	8.91	8.60	9.15	12.71	12.40	11.95	11.14	11.00	10.88
γ 169.0	13.66	11.96	10.02	9.12	8.78	9.27	12.77	12.42	12.04	11.23	11.04	10.89
γ 170.0	13.66	12.05	10.18	9.35	8.96	9.40	12.82	12.48	12.12	11.31	11.16	10.89
γ 171.0	13.69	12.13	10.34	9.56	9.15	9.54	12.89	12.53	12.20	11.39	11.22	10.90
γ 172.0	13.70	12.19	10.49	9.77	9.32	9.65	12.97	12.57	12.24	11.43	11.25	10.90
γ 173.0	13.70	12.26	10.65	9.97	9.50	9.76	13.05	12.59	12.26	11.44	11.26	10.90
γ 174.0	13.73	12.31	10.77	10.17	9.66	9.89	13.16	12.62	12.24	11.44	11.24	10.89
γ 175.0	13.70	12.37	10.92	10.39	9.82	10.02	13.22	12.64	12.21	11.41	11.20	10.84

IES Road Report
Photometric Filename:all in one solar light.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 176.0	13.65	12.41	11.04	10.58	9.97	10.13	13.26	12.65	12.17	11.39	11.14	10.78
γ 177.0	13.59	12.47	11.16	10.80	10.11	10.31	13.29	12.66	12.11	11.36	11.06	10.73
γ 178.0	13.53	12.51	11.31	10.99	10.27	10.45	13.34	12.68	12.03	11.29	10.99	10.68
γ 179.0	13.47	12.55	11.42	11.17	10.40	10.59	13.39	12.68	11.96	11.19	10.91	10.60
γ 180.0	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95	11.95