

IES Indoor Report

Photometric Filename: YNT01910 LD-GU10-30K-7D.IES

Description Information(From Photometric File)

Photometric File: YNT01910 LD-GU10-30K-7D.IES

IES Format: IESNA:LM-63-2002

[TEST] YS

[TESTLAB] YS

[ISSUEDATE] 2017/07/15

[MANUFAC] 宁波宜升光电科技有限公司

[LUMCAT] 1

[LUMINAIRE] 球泡

[LAMPCAT] LED

[LAMP]

[BALLASTCAT]

[BALLAST]

[OTHER] YS02556GON-1800

[MORE] Temperature:25, Humidity:40

[More] Frequency:50.0 Voltage:229.8 Current:0.062 Power:7.0 PF:0.489

Character

Lamp Power (w) :	7.0
Total Rated Lamp Lumens (lm) :	558.77
Luminair Lumens (lm) :	558.77
Total Luminair Efficiency:	100.00%
Luminaire Efficacy Rating (LER) :	79.82
Maximum Intensity (cd) :	1432.60
Max Cd Angle (deg) :	C=0.0 γ =1.0
Downward Lumens (lm) :	558.46
Downward Total Efficiency:	99.94%
Spacing Criteria:	C0_180=0.25 C90_270=0.24
CIE Type:	Semi-Direct
Beam Angle (50%Imax) :	Left=-15.6 Right=15.2
Field Angle (10%Imax) :	61.3
ErP ϕ use (90deg) :	492.03lm

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Candela Tabulation

	<u>C0.0</u>	<u>C30.0</u>	<u>C60.0</u>	<u>C90.0</u>	<u>C120.0</u>	<u>C150.0</u>	<u>C180.0</u>
<u>Y0.0</u>	1326.68	1326.68	1326.68	1326.68	1326.68	1326.68	1326.68
<u>Y1.0</u>	1432.60	1333.80	1328.71	1287.03	1292.03	1277.69	1279.97
<u>Y2.0</u>	1410.60	1310.17	1307.64	1268.45	1281.06	1271.74	1276.84
<u>Y3.0</u>	1382.41	1280.63	1280.03	1242.53	1261.61	1257.79	1267.69
<u>Y4.0</u>	1347.03	1245.26	1247.29	1211.36	1237.17	1236.78	1253.08
<u>Y5.0</u>	1306.17	1202.78	1207.29	1174.69	1207.81	1210.46	1231.11
<u>Y6.0</u>	1257.89	1155.28	1162.85	1132.65	1173.01	1177.04	1203.58
<u>Y7.0</u>	1206.62	1103.81	1114.53	1087.08	1134.94	1140.21	1169.13
<u>Y8.0</u>	1151.48	1050.59	1063.46	1039.28	1093.07	1098.06	1129.97
<u>Y9.0</u>	1094.11	994.33	1008.55	987.45	1046.23	1052.56	1083.80
<u>Y10.0</u>	1033.59	935.43	952.98	932.17	996.51	1001.72	1034.21
<u>Y11.0</u>	970.29	877.73	896.05	877.11	942.33	950.71	979.27
<u>Y12.0</u>	909.02	818.69	839.35	819.90	886.93	895.13	924.43
<u>Y13.0</u>	847.53	758.90	780.46	762.57	829.09	838.37	865.31
<u>Y14.0</u>	785.70	701.71	723.48	706.43	772.07	782.04	807.64
<u>Y15.0</u>	726.01	646.76	666.70	652.72	716.05	725.23	750.71
<u>Y16.0</u>	669.68	594.27	613.88	601.96	664.03	672.84	696.57
<u>Y17.0</u>	612.81	543.09	562.11	551.01	612.17	620.58	643.55
<u>Y18.0</u>	558.94	494.41	511.52	503.96	561.20	569.58	592.31
<u>Y19.0</u>	508.47	448.15	465.20	458.52	513.34	522.00	542.88
<u>Y20.0</u>	462.19	407.12	422.74	417.36	469.26	477.60	498.16
<u>Y21.0</u>	418.03	367.05	380.88	378.02	425.52	434.16	453.61
<u>Y22.0</u>	377.20	329.50	343.48	340.40	385.21	393.97	411.24
<u>Y23.0</u>	338.48	295.72	308.35	305.88	346.53	354.58	372.17
<u>Y24.0</u>	304.64	264.90	276.34	274.67	310.77	319.46	334.49
<u>Y25.0</u>	272.98	235.58	247.99	244.26	279.23	286.67	301.91
<u>Y26.0</u>	243.32	210.35	220.29	217.23	249.36	255.53	271.46
<u>Y27.0</u>	217.38	186.90	196.03	192.80	222.57	227.81	243.82
<u>Y28.0</u>	192.91	167.19	174.52	171.53	198.37	203.83	221.52
<u>Y29.0</u>	171.70	149.77	155.44	152.62	176.09	180.54	198.23
<u>Y30.0</u>	153.43	132.97	138.61	135.54	155.41	160.27	175.12
<u>Y31.0</u>	136.55	119.01	123.93	120.08	138.05	142.62	155.82
<u>Y32.0</u>	121.36	106.55	110.18	107.58	122.12	126.45	137.73
<u>Y33.0</u>	108.65	94.80	98.96	96.30	109.40	113.24	123.02
<u>Y34.0</u>	96.71	84.84	88.26	85.81	98.28	101.25	110.56
<u>Y35.0</u>	85.96	75.99	78.54	77.73	87.52	90.18	98.47
<u>Y36.0</u>	77.54	68.17	71.28	69.72	78.89	81.43	89.49
<u>Y37.0</u>	70.01	62.18	64.34	63.50	71.81	73.10	81.15
<u>Y38.0</u>	63.16	56.73	58.35	58.80	64.61	65.37	72.37
<u>Y39.0</u>	58.72	51.67	54.06	53.81	58.90	59.87	65.14
<u>Y40.0</u>	54.20	48.39	49.38	49.97	54.10	54.15	58.18
<u>Y41.0</u>	50.71	44.90	46.54	47.09	49.52	49.99	53.13
<u>Y42.0</u>	47.99	41.92	43.96	43.66	46.51	46.86	49.26
<u>Y43.0</u>	44.78	40.05	41.13	41.23	44.07	42.91	44.97
<u>Y44.0</u>	42.04	37.28	39.46	39.48	41.15	40.79	42.33
<u>Y45.0</u>	40.43	35.82	37.02	36.72	39.23	38.10	39.26
<u>Y46.0</u>	38.24	34.01	34.94	34.83	37.31	35.69	36.60

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Candela Tabulation - (Cont.)

	<u>C0.0</u>	<u>C30.0</u>	<u>C60.0</u>	<u>C90.0</u>	<u>C120.0</u>	<u>C150.0</u>	<u>C180.0</u>
<u>Y 47.0</u>	36.00	31.81	33.95	33.47	34.48	34.18	35.06
<u>Y 48.0</u>	34.79	31.27	32.12	31.52	33.12	31.96	32.65
<u>Y 49.0</u>	32.79	29.71	31.13	30.84	31.74	30.64	30.87
<u>Y 50.0</u>	31.65	28.72	30.51	30.16	30.24	29.98	29.91
<u>Y 51.0</u>	31.16	28.65	29.09	28.76	29.40	28.54	28.25
<u>Y 52.0</u>	29.65	27.33	28.56	28.26	28.66	27.86	27.42
<u>Y 53.0</u>	29.25	27.02	27.94	27.62	27.30	27.19	26.62
<u>Y 54.0</u>	28.75	26.58	26.78	26.53	26.83	26.03	25.42
<u>Y 55.0</u>	27.44	25.27	26.41	25.89	26.33	25.68	25.05
<u>Y 56.0</u>	27.08	25.03	25.70	25.34	24.97	24.90	24.23
<u>Y 57.0</u>	26.26	24.10	24.55	23.96	24.76	23.79	23.38
<u>Y 58.0</u>	25.14	23.07	24.42	23.36	23.74	23.53	23.25
<u>Y 59.0</u>	24.74	22.95	23.43	22.84	22.69	22.44	22.13
<u>Y 60.0</u>	23.81	21.73	22.16	21.41	22.38	21.53	21.43
<u>Y 61.0</u>	22.61	21.03	21.96	21.05	21.42	21.07	21.06
<u>Y 62.0</u>	22.08	20.46	20.45	19.98	20.23	19.67	19.78
<u>Y 63.0</u>	21.11	19.22	19.51	18.85	19.74	19.17	19.46
<u>Y 64.0</u>	19.80	18.64	19.24	18.47	18.93	18.61	18.82
<u>Y 65.0</u>	19.45	17.75	17.71	17.47	17.65	17.25	17.69
<u>Y 66.0</u>	17.84	16.44	17.07	16.23	17.38	17.12	17.52
<u>Y 67.0</u>	16.94	15.97	16.41	15.74	16.48	16.05	16.44
<u>Y 68.0</u>	16.59	14.84	14.97	14.84	15.08	14.90	15.41
<u>Y 69.0</u>	14.98	13.73	14.28	13.57	14.84	14.58	15.11
<u>Y 70.0</u>	14.54	13.29	13.53	13.40	13.59	13.05	13.59
<u>Y 71.0</u>	13.78	11.99	12.26	12.32	12.59	12.36	13.02
<u>Y 72.0</u>	12.14	11.19	11.65	10.98	12.26	11.97	12.47
<u>Y 73.0</u>	11.77	10.62	10.94	10.73	11.19	10.53	11.12
<u>Y 74.0</u>	10.64	9.15	9.62	9.41	10.24	10.48	10.94
<u>Y 75.0</u>	9.41	8.72	9.11	8.45	9.81	9.52	9.96
<u>Y 76.0</u>	9.15	7.93	8.42	8.25	8.83	8.15	8.78
<u>Y 77.0</u>	7.94	6.74	7.13	7.07	7.76	8.11	8.63
<u>Y 78.0</u>	7.07	6.55	6.92	6.22	7.53	6.71	7.19
<u>Y 79.0</u>	6.65	5.07	5.71	5.91	6.16	6.37	6.99
<u>Y 80.0</u>	5.38	4.49	4.85	4.90	5.42	5.89	6.37
<u>Y 81.0</u>	4.77	4.26	4.71	3.96	5.26	4.52	4.98
<u>Y 82.0</u>	4.25	2.87	3.57	3.83	4.01	4.40	4.98
<u>Y 83.0</u>	2.98	2.89	2.93	2.55	3.58	3.40	3.79
<u>Y 84.0</u>	2.72	2.19	2.64	1.94	3.25	2.50	3.06
<u>Y 85.0</u>	2.07	1.04	1.68	1.95	2.10	2.56	3.09
<u>Y 86.0</u>	1.14	1.16	1.05	0.84	1.65	1.47	1.86
<u>Y 87.0</u>	1.19	0.16	1.03	0.66	1.46	1.15	1.67
<u>Y 88.0</u>	0.39	0.00	0.33	0.56	0.56	1.02	1.42
<u>Y 89.0</u>	0.00	0.32	0.00	0.00	0.20	0.01	0.30
<u>Y 90.0</u>	0.36	0.00	0.29	0.00	0.27	0.05	0.48
<u>Y 91.0</u>	0.00	0.15	0.00	0.11	0.00	0.00	0.00
<u>Y 92.0</u>	0.04	0.22	0.00	0.00	0.00	0.00	0.00
<u>Y 93.0</u>	0.20	0.00	0.22	0.00	0.15	0.12	0.18

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	<u>C0.0</u>	<u>C30.0</u>	<u>C60.0</u>	<u>C90.0</u>	<u>C120.0</u>	<u>C150.0</u>	<u>C180.0</u>
<u>Y 94.0</u>	0.00	0.14	0.00	0.09	0.00	0.00	0.00
<u>Y 95.0</u>	0.31	0.00	0.00	0.00	0.03	0.00	0.00
<u>Y 96.0</u>	0.00	0.00	0.02	0.08	0.00	0.16	0.12
<u>Y 97.0</u>	0.00	0.13	0.00	0.12	0.00	0.00	0.00
<u>Y 98.0</u>	0.23	0.00	0.00	0.00	0.00	0.00	0.00
<u>Y 99.0</u>	0.00	0.00	0.03	0.03	0.00	0.00	0.00
<u>Y 100.0</u>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<u>Y 101.0</u>	0.07	0.00	0.00	0.00	0.00	0.00	0.00
<u>Y 102.0</u>	0.00	0.00	0.06	0.00	0.00	0.00	0.00
<u>Y 103.0</u>	0.16	0.00	0.00	0.00	0.00	0.00	0.00
<u>Y 104.0</u>	0.00	0.00	0.00	0.00	0.13	0.12	0.14
<u>Y 105.0</u>	0.00	0.00	0.13	0.00	0.00	0.00	0.00
<u>Y 106.0</u>	0.19	0.00	0.00	0.00	0.00	0.00	0.00
<u>Y 107.0</u>	0.00	0.00	0.00	0.00	0.14	0.13	0.10
<u>Y 108.0</u>	0.04	0.08	0.00	0.17	0.00	0.00	0.00
<u>Y 109.0</u>	0.18	0.00	0.00	0.00	0.00	0.00	0.00
<u>Y 110.0</u>	0.00	0.00	0.00	0.00	0.11	0.09	0.05
<u>Y 111.0</u>	0.12	0.05	0.00	0.18	0.00	0.00	0.00
<u>Y 112.0</u>	0.00	0.00	0.00	0.00	0.00	0.01	0.14
<u>Y 113.0</u>	0.00	0.12	0.09	0.00	0.00	0.00	0.00
<u>Y 114.0</u>	0.19	0.04	0.00	0.16	0.00	0.00	0.00
<u>Y 115.0</u>	0.00	0.00	0.00	0.00	0.00	0.00	0.17
<u>Y 116.0</u>	0.00	0.13	0.08	0.00	0.00	0.00	0.00
<u>Y 117.0</u>	0.22	0.00	0.00	0.00	0.00	0.00	0.00
<u>Y 118.0</u>	0.00	0.00	0.00	0.00	0.00	0.01	0.14
<u>Y 119.0</u>	0.10	0.13	0.05	0.02	0.00	0.00	0.00
<u>Y 120.0</u>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<u>Y 121.0</u>	0.00	0.00	0.00	0.00	0.11	0.05	0.00
<u>Y 122.0</u>	0.14	0.18	0.02	0.05	0.00	0.00	0.00
<u>Y 123.0</u>	0.00	0.00	0.00	0.00	0.00	0.00	0.06
<u>Y 124.0</u>	0.00	0.03	0.00	0.00	0.07	0.02	0.00
<u>Y 125.0</u>	0.00	0.00	0.14	0.06	0.00	0.00	0.00
<u>Y 126.0</u>	0.00	0.00	0.00	0.00	0.00	0.00	0.13
<u>Y 127.0</u>	0.00	0.07	0.00	0.00	0.07	0.01	0.00
<u>Y 128.0</u>	0.00	0.00	0.12	0.02	0.00	0.00	0.00
<u>Y 129.0</u>	0.00	0.00	0.00	0.00	0.12	0.10	0.00
<u>Y 130.0</u>	0.08	0.07	0.00	0.16	0.01	0.00	0.00
<u>Y 131.0</u>	0.00	0.00	0.12	0.00	0.00	0.00	0.00
<u>Y 132.0</u>	0.00	0.00	0.00	0.00	0.13	0.07	0.00
<u>Y 133.0</u>	0.12	0.03	0.00	0.19	0.00	0.00	0.00
<u>Y 134.0</u>	0.00	0.00	0.05	0.00	0.00	0.00	0.18
<u>Y 135.0</u>	0.00	0.00	0.00	0.00	0.15	0.06	0.00
<u>Y 136.0</u>	0.00	0.00	0.00	0.19	0.00	0.00	0.00
<u>Y 137.0</u>	0.00	0.00	0.12	0.00	0.00	0.00	0.17
<u>Y 138.0</u>	0.24	0.20	0.00	0.10	0.00	0.09	0.00
<u>Y 139.0</u>	0.00	0.00	0.00	0.18	0.00	0.00	0.00
<u>Y 140.0</u>	0.00	0.00	0.18	0.00	0.05	0.00	0.17

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	<u>C0.0</u>	<u>C30.0</u>	<u>C60.0</u>	<u>C90.0</u>	<u>C120.0</u>	<u>C150.0</u>	<u>C180.0</u>
<u>Y 141.0</u>	0.17	0.23	0.00	0.22	0.00	0.10	0.00
<u>Y 142.0</u>	0.00	0.00	0.02	0.00	0.00	0.00	0.00
<u>Y 143.0</u>	0.00	0.00	0.18	0.00	0.14	0.00	0.22
<u>Y 144.0</u>	0.17	0.23	0.00	0.24	0.00	0.13	0.00
<u>Y 145.0</u>	0.00	0.00	0.03	0.00	0.00	0.00	0.00
<u>Y 146.0</u>	0.28	0.09	0.01	0.00	0.13	0.10	0.00
<u>Y 147.0</u>	0.10	0.00	0.00	0.02	0.00	0.00	0.00
<u>Y 148.0</u>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<u>Y 149.0</u>	0.33	0.14	0.10	0.11	0.08	0.13	0.05
<u>Y 150.0</u>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<u>Y 151.0</u>	0.00	0.00	0.27	0.00	0.26	0.00	0.23
<u>Y 152.0</u>	0.36	0.19	0.18	0.24	0.00	0.16	0.09
<u>Y 153.0</u>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<u>Y 154.0</u>	0.21	0.00	0.31	0.00	0.31	0.00	0.28
<u>Y 155.0</u>	0.34	0.28	0.00	0.24	0.00	0.24	0.00
<u>Y 156.0</u>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<u>Y 157.0</u>	0.34	0.00	0.34	0.06	0.29	0.00	0.28
<u>Y 158.0</u>	0.00	0.30	0.00	0.24	0.00	0.27	0.00
<u>Y 159.0</u>	0.03	0.00	0.00	0.00	0.37	0.00	0.00
<u>Y 160.0</u>	0.39	0.00	0.35	0.22	0.27	0.00	0.28
<u>Y 161.0</u>	0.00	0.37	0.00	0.16	0.00	0.32	0.00
<u>Y 162.0</u>	0.14	0.00	0.01	0.00	0.44	0.00	0.00
<u>Y 163.0</u>	0.37	0.35	0.41	0.43	0.00	0.34	0.36
<u>Y 164.0</u>	0.00	0.11	0.00	0.00	0.00	0.00	0.07
<u>Y 165.0</u>	0.19	0.00	0.05	0.00	0.44	0.00	0.00
<u>Y 166.0</u>	0.36	0.32	0.44	0.43	0.00	0.42	0.44
<u>Y 167.0</u>	0.00	0.14	0.00	0.00	0.38	0.00	0.00
<u>Y 168.0</u>	0.26	0.00	0.11	0.50	0.41	0.03	0.00
<u>Y 169.0</u>	0.37	0.36	0.46	0.40	0.00	0.40	0.46
<u>Y 170.0</u>	0.00	0.16	0.00	0.00	0.45	0.00	0.00
<u>Y 171.0</u>	0.56	0.00	0.50	0.54	0.00	0.07	0.18
<u>Y 172.0</u>	0.31	0.00	0.15	0.53	0.34	0.09	0.00
<u>Y 173.0</u>	0.31	0.35	0.39	0.34	0.00	0.45	0.45
<u>Y 174.0</u>	0.52	0.00	0.55	0.54	0.00	0.12	0.09
<u>Y 175.0</u>	0.00	0.22	0.00	0.00	0.51	0.00	0.01
<u>Y 176.0</u>	0.59	0.00	0.56	0.54	0.00	0.19	0.07
<u>Y 177.0</u>	0.00	0.29	0.00	0.02	0.53	0.00	0.11
<u>Y 178.0</u>	0.28	0.51	0.00	0.00	0.43	0.25	0.48
<u>Y 179.0</u>	0.33	0.00	0.39	0.49	0.00	0.28	0.00
<u>Y 180.0</u>	0.21	0.21	0.21	0.21	0.21	0.21	0.21

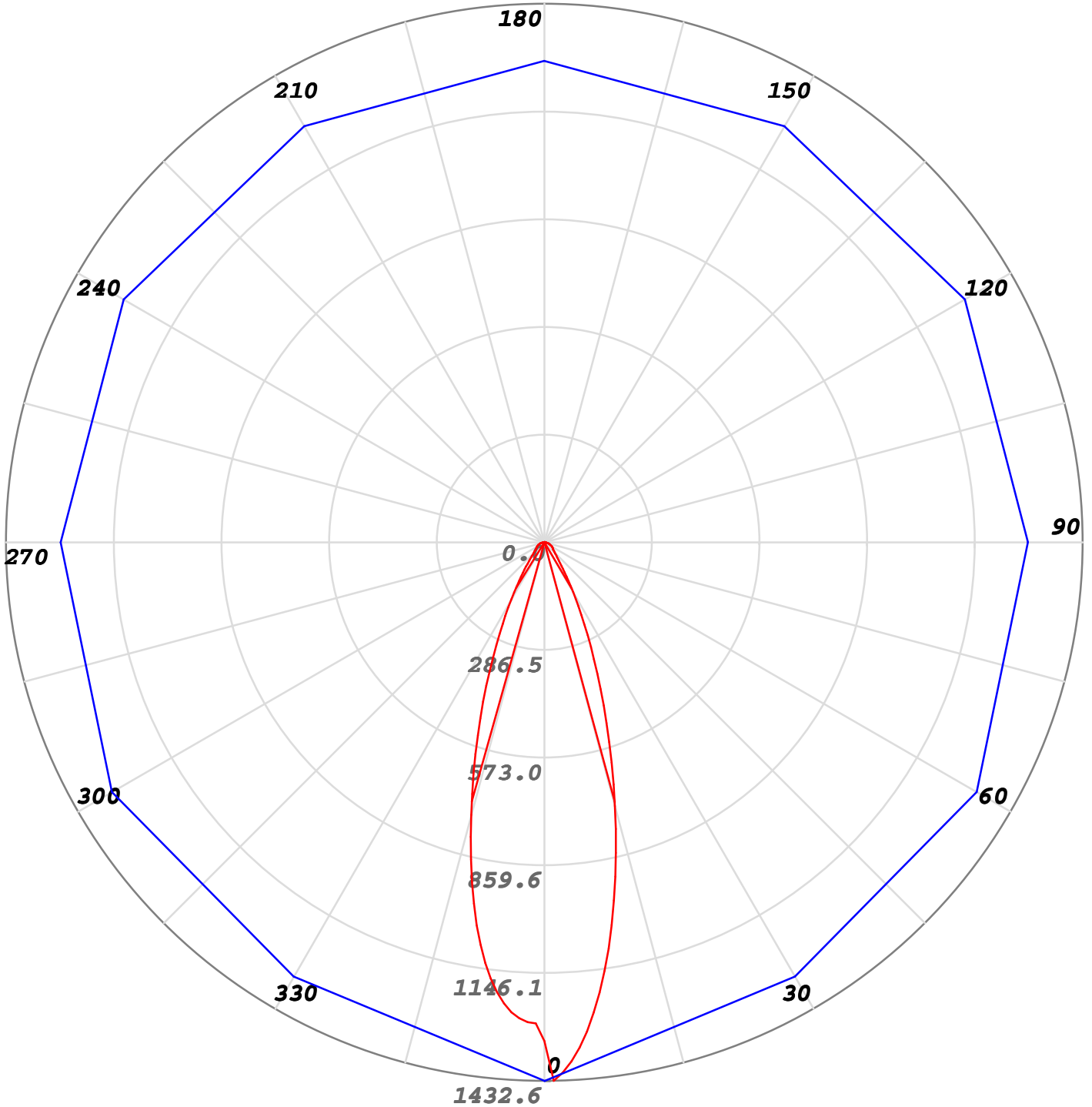
IES Indoor Report

Photometric Filename: YNT01910 LD-GU10-30K-7D.IES

2D Light Intensity Distribution Curve

Plane [50%Ang.] [10%Ang.]
C0.0: 30.8 62.3

Polar Graph

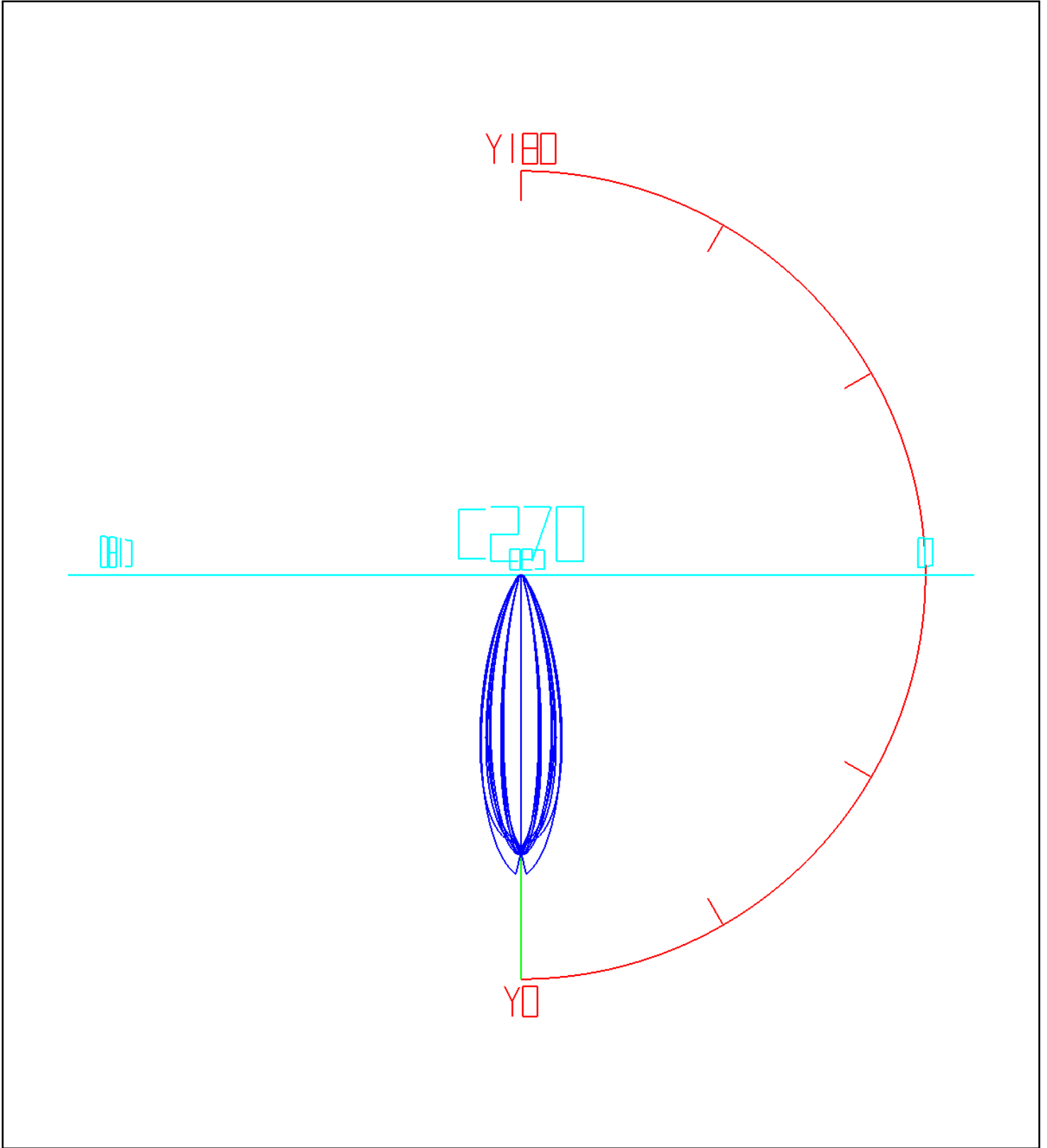


C Plane: C0.0 ————
γ Cone: γ1.0 ————

IES Indoor Report

Photometric Filename: YNT01910 LD-GU10-30K-7D.IES

3D Light Intensity Distribution Curve



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

IES Indoor Report

Photometric Filename: YNT01910 LD-GU10-30K-7D.IES

Zonal Liumens 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	1.26	1.26	0.23	0.23	47.0-48.0	2.68	2.68	0.48	0.48
1.0-2.0	3.75	5.01	0.67	0.90	48.0-49.0	2.60	5.27	0.46	0.94
2.0-3.0	6.15	11.16	1.10	2.00	49.0-50.0	2.55	7.82	0.46	1.40
3.0-4.0	8.44	19.60	1.51	3.51	50.0-51.0	2.50	10.32	0.45	1.85
4.0-5.0	10.58	30.17	1.89	5.40	51.0-52.0	2.46	12.77	0.44	2.29
5.0-6.0	12.53	42.70	2.24	7.64	52.0-53.0	2.42	15.20	0.43	2.72
6.0-7.0	14.28	56.98	2.55	10.20	53.0-54.0	2.39	17.58	0.43	3.15
7.0-8.0	15.81	72.79	2.83	13.03	54.0-55.0	2.35	19.93	0.42	3.57
8.0-9.0	17.10	89.89	3.06	16.09	55.0-56.0	2.32	22.25	0.41	3.98
9.0-10.0	18.15	108.04	3.25	19.33	56.0-57.0	2.27	24.52	0.41	4.39
10.0-11.0	18.94	126.97	3.39	22.72	57.0-58.0	2.22	26.74	0.40	4.78
11.0-12.0	19.49	146.46	3.49	26.21	58.0-59.0	2.18	28.92	0.39	5.18
12.0-13.0	19.78	166.24	3.54	29.75	59.0-60.0	2.12	31.04	0.38	5.56
13.0-14.0	19.86	186.10	3.55	33.31	60.0-61.0	2.07	33.11	0.37	5.93
14.0-15.0	19.74	205.84	3.53	36.84	61.0-62.0	2.01	35.12	0.36	6.29
15.0-16.0	19.48	225.32	3.49	40.32	62.0-63.0	1.93	37.05	0.35	6.63
16.0-17.0	19.07	244.39	3.41	43.74	63.0-64.0	1.88	38.93	0.34	6.97
17.0-18.0	18.50	262.89	3.31	47.05	64.0-65.0	1.81	40.75	0.32	7.29
18.0-19.0	17.83	280.72	3.19	50.24	65.0-66.0	1.73	42.48	0.31	7.60
19.0-20.0	17.10	297.83	3.06	53.30	66.0-67.0	1.67	44.15	0.30	7.90
20.0-21.0	16.31	314.14	2.92	56.22	67.0-68.0	1.59	45.74	0.28	8.18
21.0-22.0	15.43	329.57	2.76	58.98	68.0-69.0	1.50	47.24	0.27	8.45
22.0-23.0	14.52	344.10	2.60	61.58	69.0-70.0	1.43	48.67	0.26	8.71
23.0-24.0	13.60	357.69	2.43	64.01	70.0-71.0	1.34	50.01	0.24	8.95
24.0-25.0	12.68	370.38	2.27	66.28	71.0-72.0	1.26	51.27	0.23	9.18
25.0-26.0	11.77	382.15	2.11	68.39	72.0-73.0	1.18	52.45	0.21	9.39
26.0-27.0	10.87	393.02	1.95	70.34	73.0-74.0	1.10	53.55	0.20	9.58
27.0-28.0	10.04	403.06	1.80	72.13	74.0-75.0	1.01	54.56	0.18	9.76
28.0-29.0	9.25	412.31	1.66	73.79	75.0-76.0	0.94	55.50	0.17	9.93
29.0-30.0	8.49	420.80	1.52	75.31	76.0-77.0	0.85	56.35	0.15	10.08
30.0-31.0	7.78	428.58	1.39	76.70	77.0-78.0	0.77	57.12	0.14	10.22
31.0-32.0	7.13	435.71	1.28	77.98	78.0-79.0	0.69	57.81	0.12	10.35
32.0-33.0	6.54	442.24	1.17	79.15	79.0-80.0	0.61	58.41	0.11	10.45
33.0-34.0	6.01	448.25	1.07	80.22	80.0-81.0	0.53	58.94	0.10	10.55
34.0-35.0	5.51	453.76	0.99	81.21	81.0-82.0	0.46	59.40	0.08	10.63
35.0-36.0	5.07	458.82	0.91	82.11	82.0-83.0	0.38	59.78	0.07	10.70
36.0-37.0	4.69	463.52	0.84	82.95	83.0-84.0	0.31	60.09	0.06	10.75
37.0-38.0	4.35	467.87	0.78	83.73	84.0-85.0	0.25	60.34	0.04	10.80
38.0-39.0	4.05	471.92	0.72	84.46	85.0-86.0	0.18	60.52	0.03	10.83
39.0-40.0	3.79	475.71	0.68	85.14	86.0-87.0	0.12	60.65	0.02	10.85
40.0-41.0	3.57	479.28	0.64	85.77	87.0-88.0	0.08	60.73	0.02	10.87
41.0-42.0	3.40	482.68	0.61	86.38	88.0-89.0	0.04	60.77	0.01	10.88
42.0-43.0	3.25	485.93	0.58	86.96	89.0-90.0	0.02	60.78	0.00	10.88
43.0-44.0	3.11	489.04	0.56	87.52	90.0-91.0	0.01	60.79	0.00	10.88
44.0-45.0	2.99	492.03	0.54	88.06	91.0-92.0	0.00	60.80	0.00	10.88
45.0-46.0	2.87	494.91	0.51	88.57	92.0-93.0	0.01	60.81	0.00	10.88
46.0-47.0	2.77	497.68	0.50	89.07	93.0-94.0	0.01	60.82	0.00	10.88

IES Indoor Report

Photometric Filename: YNT01910 LD-GU10-30K-7D.IES

Zonal Liumens Tabulation - (Cont.)

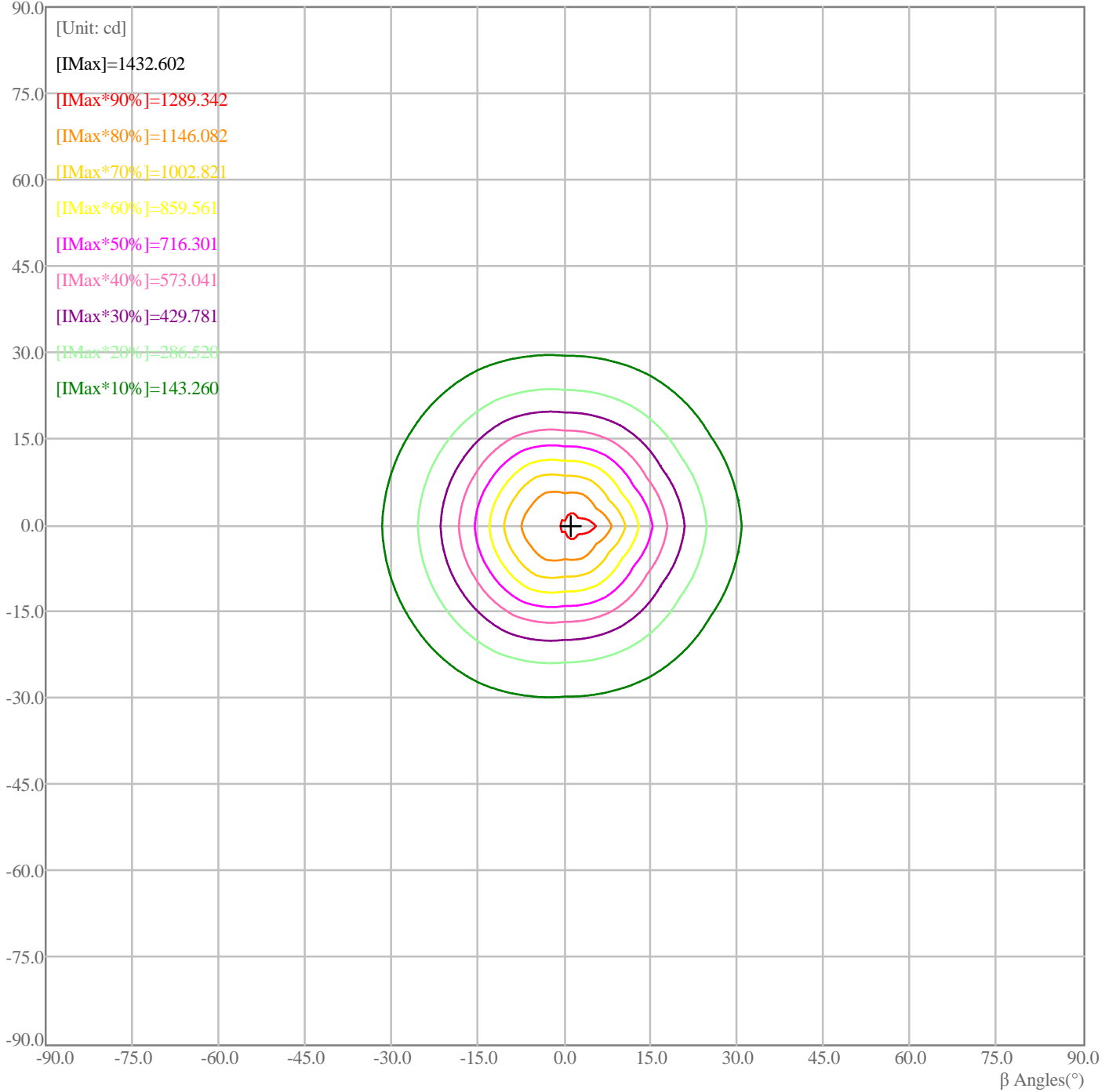
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.00	0.00	0.00	0.00	141.0-142.0	0.00	0.00	0.00	0.00
95.0-96.0	0.00	0.01	0.00	0.00	142.0-143.0	0.00	0.01	0.00	0.00
96.0-97.0	0.01	0.01	0.00	0.00	143.0-144.0	0.01	0.01	0.00	0.00
97.0-98.0	0.00	0.02	0.00	0.00	144.0-145.0	0.00	0.02	0.00	0.00
98.0-99.0	0.00	0.02	0.00	0.00	145.0-146.0	0.00	0.02	0.00	0.00
99.0-100.0	0.00	0.02	0.00	0.00	146.0-147.0	0.00	0.02	0.00	0.00
100.0-101.0	0.00	0.02	0.00	0.00	147.0-148.0	0.00	0.02	0.00	0.00
101.0-102.0	0.00	0.02	0.00	0.00	148.0-149.0	0.00	0.03	0.00	0.00
102.0-103.0	0.00	0.02	0.00	0.00	149.0-150.0	0.00	0.03	0.00	0.01
103.0-104.0	0.00	0.03	0.00	0.00	150.0-151.0	0.00	0.03	0.00	0.01
104.0-105.0	0.00	0.03	0.00	0.01	151.0-152.0	0.01	0.04	0.00	0.01
105.0-106.0	0.00	0.03	0.00	0.01	152.0-153.0	0.00	0.04	0.00	0.01
106.0-107.0	0.00	0.03	0.00	0.01	153.0-154.0	0.00	0.05	0.00	0.01
107.0-108.0	0.01	0.04	0.00	0.01	154.0-155.0	0.01	0.05	0.00	0.01
108.0-109.0	0.00	0.04	0.00	0.01	155.0-156.0	0.00	0.06	0.00	0.01
109.0-110.0	0.00	0.05	0.00	0.01	156.0-157.0	0.00	0.06	0.00	0.01
110.0-111.0	0.00	0.05	0.00	0.01	157.0-158.0	0.01	0.07	0.00	0.01
111.0-112.0	0.00	0.05	0.00	0.01	158.0-159.0	0.00	0.07	0.00	0.01
112.0-113.0	0.00	0.06	0.00	0.01	159.0-160.0	0.00	0.08	0.00	0.01
113.0-114.0	0.00	0.06	0.00	0.01	160.0-161.0	0.01	0.08	0.00	0.01
114.0-115.0	0.00	0.06	0.00	0.01	161.0-162.0	0.00	0.09	0.00	0.02
115.0-116.0	0.00	0.07	0.00	0.01	162.0-163.0	0.01	0.09	0.00	0.02
116.0-117.0	0.00	0.07	0.00	0.01	163.0-164.0	0.01	0.10	0.00	0.02
117.0-118.0	0.00	0.07	0.00	0.01	164.0-165.0	0.00	0.10	0.00	0.02
118.0-119.0	0.00	0.07	0.00	0.01	165.0-166.0	0.01	0.11	0.00	0.02
119.0-120.0	0.00	0.07	0.00	0.01	166.0-167.0	0.01	0.11	0.00	0.02
120.0-121.0	0.00	0.08	0.00	0.01	167.0-168.0	0.00	0.11	0.00	0.02
121.0-122.0	0.00	0.08	0.00	0.01	168.0-169.0	0.01	0.12	0.00	0.02
122.0-123.0	0.00	0.08	0.00	0.01	169.0-170.0	0.00	0.13	0.00	0.02
123.0-124.0	0.00	0.08	0.00	0.01	170.0-171.0	0.00	0.13	0.00	0.02
124.0-125.0	0.00	0.09	0.00	0.02	171.0-172.0	0.00	0.13	0.00	0.02
125.0-126.0	0.00	0.09	0.00	0.02	172.0-173.0	0.00	0.14	0.00	0.02
126.0-127.0	0.00	0.09	0.00	0.02	173.0-174.0	0.00	0.14	0.00	0.02
127.0-128.0	0.00	0.09	0.00	0.02	174.0-175.0	0.00	0.14	0.00	0.03
128.0-129.0	0.00	0.09	0.00	0.02	175.0-176.0	0.00	0.14	0.00	0.03
129.0-130.0	0.00	0.10	0.00	0.02	176.0-177.0	0.00	0.14	0.00	0.03
130.0-131.0	0.00	0.10	0.00	0.02	177.0-178.0	0.00	0.15	0.00	0.03
131.0-132.0	0.00	0.10	0.00	0.02	178.0-179.0	0.00	0.15	0.00	0.03
132.0-133.0	0.00	0.11	0.00	0.02	179.0-180.0	0.00	0.15	0.00	0.03
133.0-134.0	0.00	0.11	0.00	0.02					
134.0-135.0	0.00	0.11	0.00	0.02					
135.0-136.0	0.00	0.11	0.00	0.02					
136.0-137.0	0.00	0.12	0.00	0.02					
137.0-138.0	0.00	0.12	0.00	0.02					
138.0-139.0	0.00	0.12	0.00	0.02					
139.0-140.0	0.00	0.13	0.00	0.02					
140.0-141.0	0.01	0.13	0.00	0.02					

IES Indoor Report

Photometric Filename: YNT01910 LD-GU10-30K-7D.IES

Rectangle ISO Light Intensity Curve

B Angles(°)



Curves: 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —

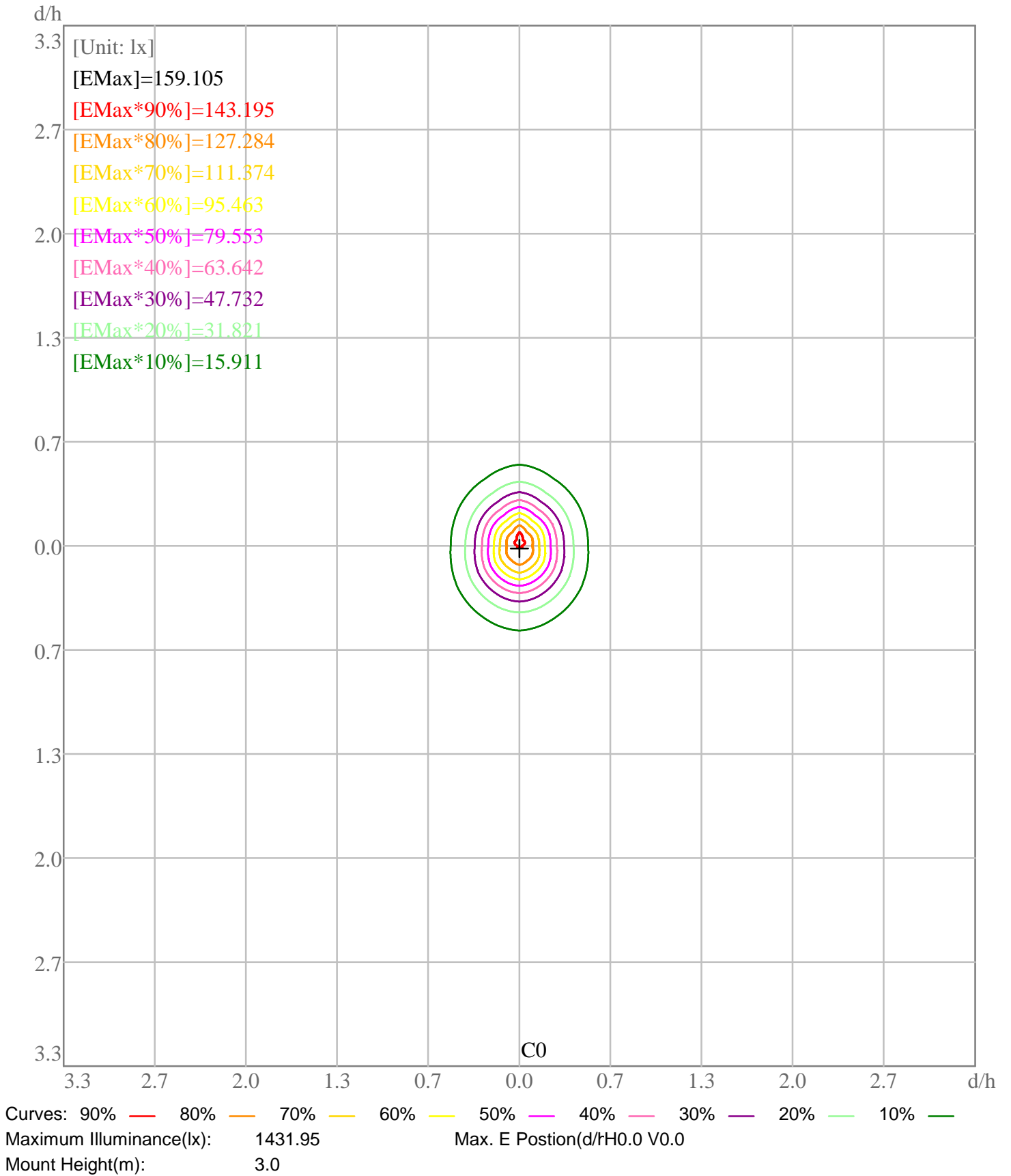
Maximum Light Intensity(cd): 1432.60

Maximum Cd. Angles: H1.0 V0.0

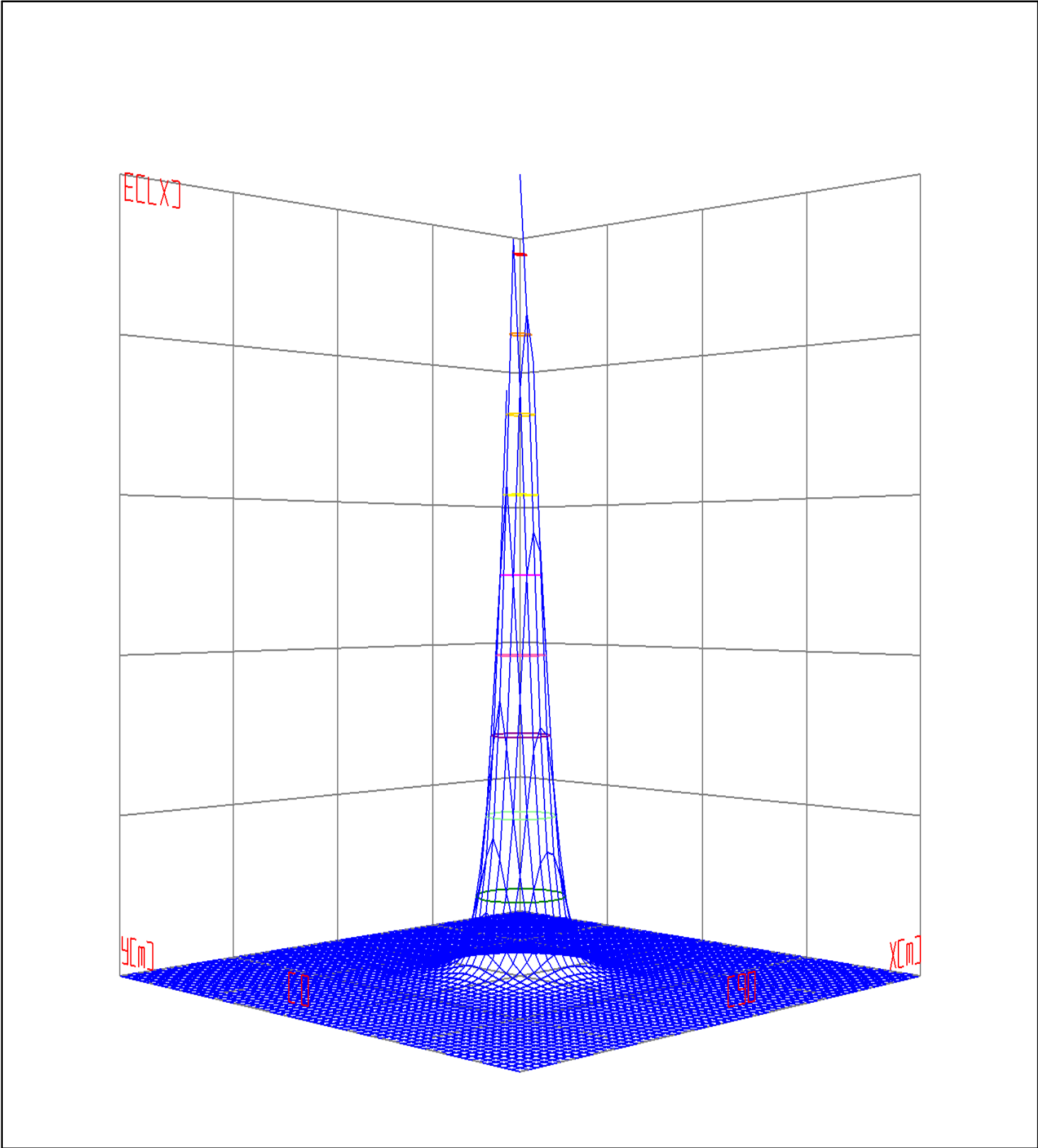
IES Indoor Report

Photometric Filename: YNT01910 LD-GU10-30K-7D.IES

Plane ISO-Illuminance Curve

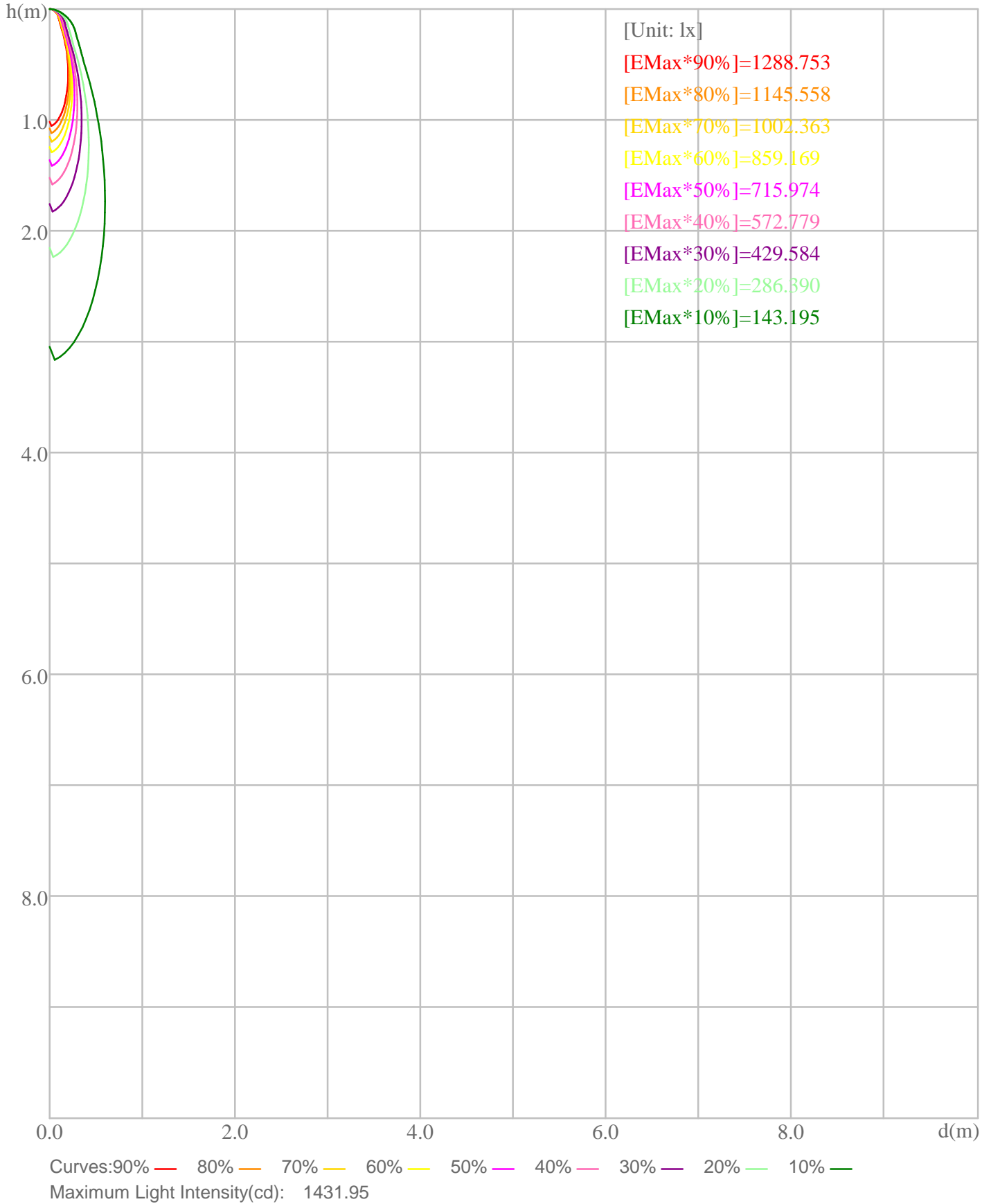


3D Plane ISO Illuminance Curve

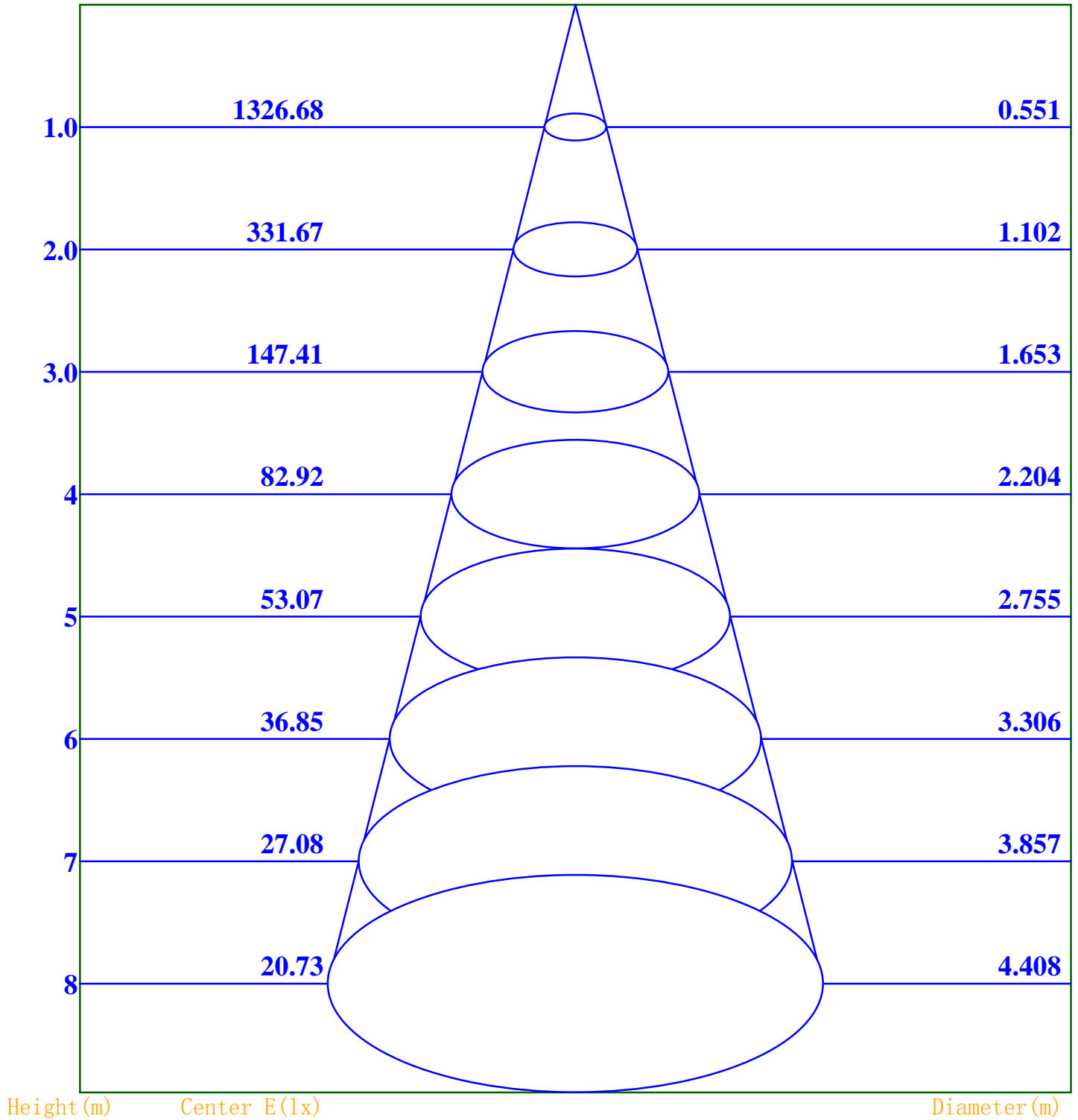


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Curve



Illuminance-Distance Curve



Beam Angle:30.8

Indoor Luminance Limiting Curve

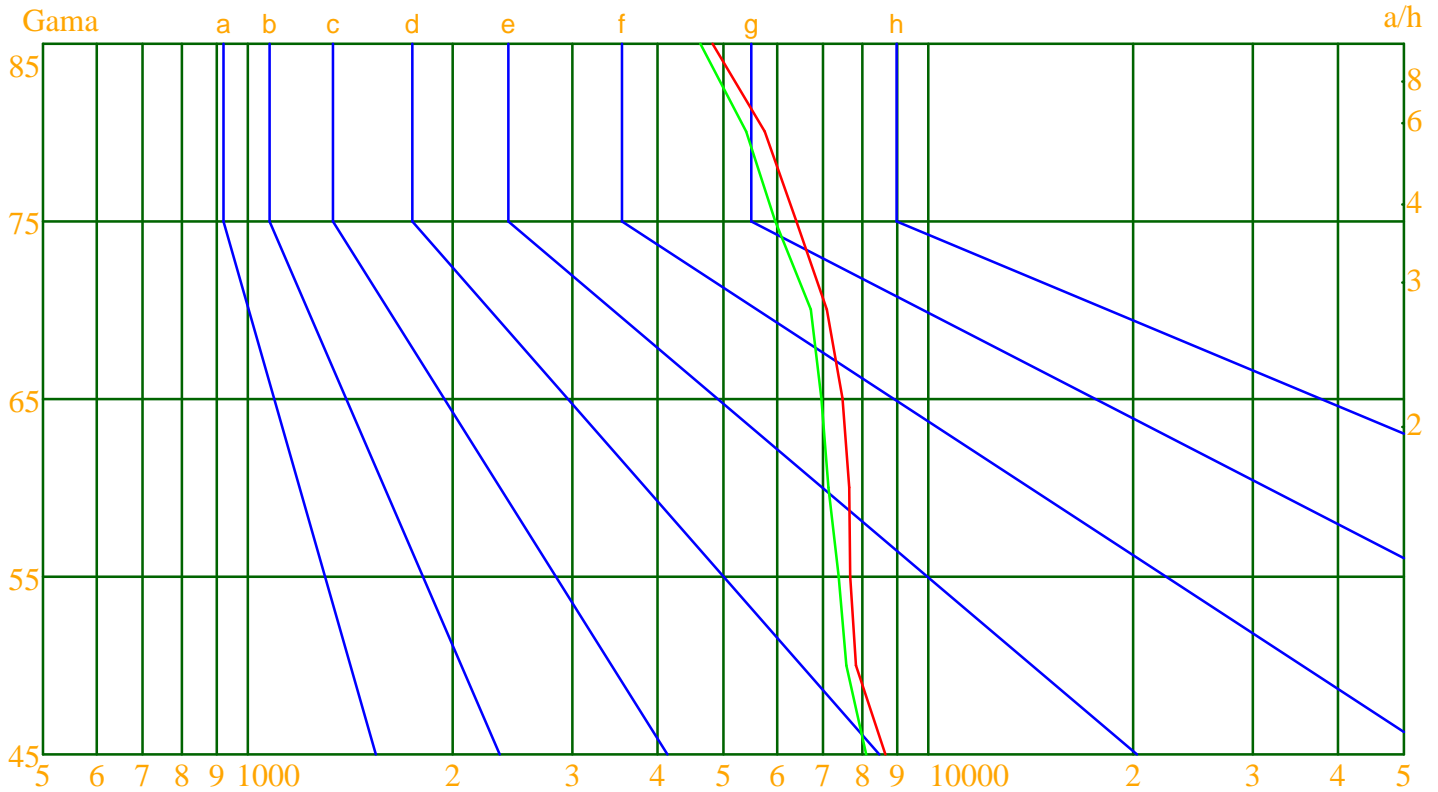
Glare Grade Table

GI	Quality	Using Illuminance							
		a	b	c	d	e	f	g	h
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h

Luminance Table

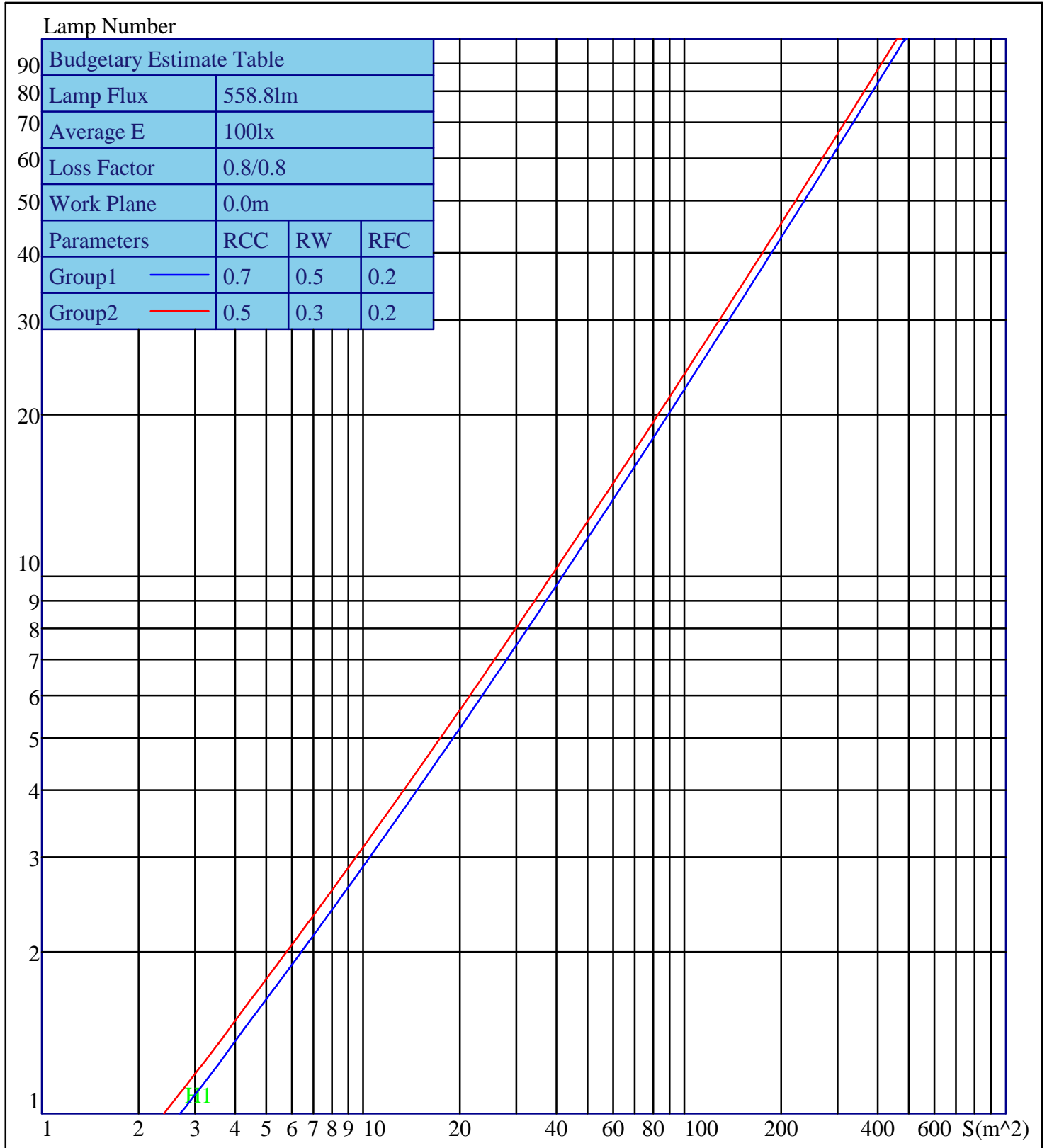
Gama(deg)	45	50	55	60	65	70	75	80	85
C0	35953	30956	30084	29945	28933	26737	22865	19495	14962
C90	32656	29506	28375	26926	25984	24642	20523	17731	14068

Luminance Limiting Curve



Luminous Size: Length(m)=0.000 Width(m)=-0.045 Height(m)=0.000 Area(m^2)=0.001590
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
 Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
 Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

Indoor Coefficient of Utilization Table

Coefficients of Utilization - Zonal Cavity Method																		
Coefficient	Effective Floor Cavity Reflectance RFC=0.20																	
RhoCC (%)	80			70			50			30			10	0				
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	0			
RCR	Coefficient of Utilization (%)																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80
4	97	90	84	80	96	89	84	80	87	82	79	85	81	78	83	80	77	75
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	73	71
6	89	80	75	70	87	80	74	70	78	73	70	77	72	69	75	72	69	67
7	85	76	71	67	84	76	70	66	74	70	66	73	69	66	72	68	65	64
8	82	73	67	63	81	72	67	63	71	66	63	70	66	63	69	65	62	61
9	79	70	64	60	77	69	64	60	68	63	60	67	63	60	66	62	60	58
10	76	67	61	58	75	66	61	58	65	61	57	65	60	57	64	60	57	56

IES Indoor Report

Photometric Filename: YNT01910 LD-GU10-30K-7D.IES

Unified Glare Rating

Ceiling RCC	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	
Wall RW	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	
Floor RFC	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
Room Size	Vewed crosswise					Vewed endwise					
X=2H	Y=2H	42.1	44.2	42.8	44.9	45.4	41.9	44.0	42.6	44.6	45.2
	Y=3H	45.1	47.3	45.9	47.9	48.5	44.8	47.0	45.5	47.6	48.2
	Y=4H	46.8	48.7	47.5	49.4	49.9	46.4	48.4	47.2	49.0	49.6
	Y=6H	47.9	49.8	48.6	50.4	51.0	47.4	49.3	48.2	50.0	50.5
	Y=8H	48.2	50.1	48.9	50.7	51.3	47.7	49.6	48.5	50.2	50.8
	Y=12H	48.4	50.3	49.1	50.9	51.5	47.8	49.7	48.6	50.4	50.9
X=4H	Y=2H	42.7	44.6	43.4	45.2	45.8	42.5	44.4	43.2	45.0	45.6
	Y=3H	46.0	47.9	46.7	48.5	49.1	45.7	47.6	46.4	48.3	48.8
	Y=4H	45.8	47.0	46.8	47.9	48.6	45.5	46.7	46.5	47.6	48.3
	Y=6H	47.2	48.3	48.1	49.2	49.9	46.9	48.0	47.8	48.9	49.6
	Y=8H	47.6	48.8	48.6	49.6	50.4	47.3	48.4	48.3	49.3	50.1
	Y=12H	47.0	47.9	48.1	48.9	49.7	46.7	47.6	47.7	48.5	49.4
X=8H	Y=4H	45.9	47.0	46.8	47.8	48.6	45.6	46.7	46.5	47.5	48.3
	Y=6H	46.5	47.3	47.5	48.3	49.1	46.2	47.0	47.3	48.0	48.8
	Y=8H	46.6	47.2	47.7	48.2	49.2	46.3	46.9	47.4	48.0	48.9
	Y=12H	46.9	47.5	48.0	48.6	49.5	46.6	47.2	47.7	48.3	49.2
X=12H	Y=4H	44.9	45.8	46.0	46.8	47.6	44.7	45.5	45.7	46.5	47.4
	Y=6H	46.0	46.6	47.1	47.7	48.6	45.7	46.3	46.8	47.4	48.3
	Y=8H	46.5	47.2	47.7	48.2	49.1	46.3	46.9	47.4	47.9	48.8
Variations with the objerver position at spacings											
	S=1.0H	1.2/-4.7					1.3/-4.5				
	S=1.5H	-4.6/-20.6					-4.2/-20.3				
	S=2.0H	-4.7/-20.6					-4.5/-20.3				