

IES Indoor Report

Photometric Filename: YNT01910 LD-P38-30K-15D.IES

Description Information(From Photometric File)

Photometric File: YNT01910 LD-P38-30K-15D.IES

IES Format: IESNA:LM-63-2002

[TEST] YS

[TESTLAB] YS

[ISSUE DATE] 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:0.153 Power:15.5 PF:0.442

Character

Lamp Power (w) :	15.5
Total Rated Lamp Lumens (lm) :	1287.12
Luminair Lumens (lm) :	1287.12
Total Luminair Efficiency:	100.00%
Luminaire Efficacy Rating (LER) :	83.04
Maximum Intensity (cd) :	1827.53
Max Cd Angle (deg) :	C=0.0 γ =1.0
Downward Lumens (lm) :	1255.39
Downward Total Efficiency:	97.53%
Spacing Criteria:	C0_180=0.37 C90_270=0.32
CIE Type:	Semi-Direct
Beam Angle (50%Imax) :	Left=-18.1 Right=24.0
Field Angle (10%Imax) :	85.5
ErP ϕ use (90deg) :	1091.27lm

IES Indoor Report

Photometric Filename: YNT01910 LD-P38-30K-15D.IES

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>	1718.39	1718.39	1718.39	1718.39	1718.39	1718.39	1718.39
<u>Y1.0</u>	1827.53	1740.19	1723.69	1679.97	1679.96	1651.63	1654.20
<u>Y2.0</u>	1826.94	1722.06	1706.01	1669.48	1671.23	1640.32	1630.86
<u>Y3.0</u>	1813.45	1705.02	1687.51	1648.90	1660.15	1622.51	1617.64
<u>Y4.0</u>	1800.33	1694.49	1678.14	1627.86	1634.63	1607.23	1597.03
<u>Y5.0</u>	1778.48	1675.16	1661.00	1609.32	1615.14	1574.65	1561.94
<u>Y6.0</u>	1760.58	1666.05	1643.83	1577.20	1578.45	1535.71	1524.72
<u>Y7.0</u>	1746.39	1644.85	1616.48	1545.41	1536.17	1484.64	1475.81
<u>Y8.0</u>	1723.60	1617.67	1576.38	1500.94	1486.92	1427.70	1429.64
<u>Y9.0</u>	1696.41	1584.40	1533.37	1460.10	1433.02	1382.57	1376.64
<u>Y10.0</u>	1654.20	1551.18	1489.40	1410.87	1390.80	1328.41	1322.38
<u>Y11.0</u>	1615.25	1516.69	1450.90	1363.88	1334.83	1284.42	1265.54
<u>Y12.0</u>	1564.97	1473.59	1398.50	1305.03	1286.38	1240.45	1217.95
<u>Y13.0</u>	1508.28	1409.90	1340.40	1250.31	1240.67	1184.52	1168.26
<u>Y14.0</u>	1454.15	1354.45	1291.51	1196.21	1179.52	1142.13	1114.11
<u>Y15.0</u>	1398.63	1299.60	1229.93	1134.92	1131.23	1092.62	1070.88
<u>Y16.0</u>	1352.61	1243.07	1178.26	1090.62	1085.84	1044.16	1021.51
<u>Y17.0</u>	1294.21	1194.08	1135.22	1048.70	1031.09	998.92	965.14
<u>Y18.0</u>	1233.80	1146.40	1080.70	994.59	986.24	945.46	918.27
<u>Y19.0</u>	1183.41	1093.07	1030.32	948.63	937.74	894.34	859.79
<u>Y20.0</u>	1126.70	1048.66	981.08	901.18	888.45	850.83	806.33
<u>Y21.0</u>	1073.43	1002.64	923.40	847.19	842.55	800.29	764.41
<u>Y22.0</u>	1023.58	945.92	876.06	804.35	793.11	749.03	715.81
<u>Y23.0</u>	963.41	899.67	828.30	751.91	740.43	707.51	672.66
<u>Y24.0</u>	915.16	847.66	775.82	702.87	698.74	661.52	635.66
<u>Y25.0</u>	864.90	793.59	733.68	663.27	653.80	613.20	594.43
<u>Y26.0</u>	812.68	754.48	689.39	623.50	607.10	576.89	555.01
<u>Y27.0</u>	770.03	706.70	643.03	582.10	574.51	531.76	522.37
<u>Y28.0</u>	717.17	661.93	609.33	549.28	533.03	496.67	480.55
<u>Y29.0</u>	677.13	625.99	571.29	514.57	498.70	464.65	449.29
<u>Y30.0</u>	641.85	581.14	535.08	477.10	472.36	426.44	423.78
<u>Y31.0</u>	595.30	544.17	509.43	450.54	435.92	395.48	388.12
<u>Y32.0</u>	562.56	510.93	469.29	413.83	401.36	367.78	364.16
<u>Y33.0</u>	523.43	474.01	437.82	384.18	372.78	336.77	339.22
<u>Y34.0</u>	480.76	442.61	412.90	361.55	338.99	310.87	306.37
<u>Y35.0</u>	454.06	413.83	376.41	330.51	311.78	289.50	284.75
<u>Y36.0</u>	418.89	378.66	354.12	305.94	291.04	260.67	262.56
<u>Y37.0</u>	387.26	354.21	330.43	286.46	267.45	242.15	238.21
<u>Y38.0</u>	365.43	329.27	299.54	260.23	248.43	226.73	220.23
<u>Y39.0</u>	333.13	299.33	282.62	238.07	233.30	203.07	203.76
<u>Y40.0</u>	313.51	281.88	255.10	221.16	210.22	191.22	181.60
<u>Y41.0</u>	290.41	259.17	236.32	198.97	198.09	176.56	171.73
<u>Y42.0</u>	262.09	234.44	221.30	179.62	182.99	155.19	156.39
<u>Y43.0</u>	247.71	221.26	197.57	167.81	162.08	146.36	137.43
<u>Y44.0</u>	223.27	197.21	185.08	147.40	153.96	132.04	131.02
<u>Y45.0</u>	208.13	182.64	169.58	139.78	138.90	118.13	115.86
<u>Y46.0</u>	195.43	170.65	152.58	129.50	125.13	112.19	104.24

IES Indoor Report

Photometric Filename: YNT01910 LD-P38-30K-15D.IES

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>	173.72	149.96	145.05	113.07	119.58	102.50	100.61
<u>Y 48.0</u>	163.48	140.60	130.73	108.34	107.78	91.16	88.42
<u>Y 49.0</u>	149.31	128.74	119.67	98.80	97.81	88.64	80.31
<u>Y 50.0</u>	134.22	115.19	113.76	87.74	93.99	78.17	77.08
<u>Y 51.0</u>	128.84	109.58	99.40	84.60	84.32	67.96	68.49
<u>Y 52.0</u>	115.05	100.24	93.17	77.67	75.28	67.14	61.82
<u>Y 53.0</u>	106.18	89.67	86.07	67.96	73.33	55.32	61.23
<u>Y 54.0</u>	100.59	88.33	74.91	66.02	64.18	50.79	53.43
<u>Y 55.0</u>	86.88	79.64	71.80	60.80	57.00	51.98	46.88
<u>Y 56.0</u>	82.02	70.93	64.26	52.26	57.19	41.81	48.33
<u>Y 57.0</u>	75.40	69.46	56.81	53.47	46.17	43.02	38.85
<u>Y 58.0</u>	65.83	60.18	56.66	47.28	46.20	41.58	36.42
<u>Y 59.0</u>	64.67	53.68	47.79	39.15	44.38	32.44	39.36
<u>Y 60.0</u>	57.34	53.55	44.51	41.88	34.78	34.53	30.79
<u>Y 61.0</u>	50.58	43.39	43.47	33.17	36.28	30.82	31.85
<u>Y 62.0</u>	50.22	45.43	34.78	33.35	32.05	26.33	29.77
<u>Y 63.0</u>	42.51	41.71	35.91	34.14	27.24	28.61	24.66
<u>Y 64.0</u>	39.96	33.28	33.60	26.38	29.19	25.20	27.07
<u>Y 65.0</u>	39.65	36.69	28.23	26.69	27.06	22.04	25.66
<u>Y 66.0</u>	31.38	30.09	32.08	26.71	21.98	25.30	19.94
<u>Y 67.0</u>	33.02	26.57	26.50	21.75	24.34	20.75	22.10
<u>Y 68.0</u>	31.03	30.89	24.27	22.40	22.61	18.67	21.66
<u>Y 69.0</u>	25.62	24.56	26.60	23.09	18.10	21.98	16.37
<u>Y 70.0</u>	30.26	24.94	19.34	16.91	22.84	14.90	21.35
<u>Y 71.0</u>	25.25	26.85	21.00	18.91	19.37	16.10	18.90
<u>Y 72.0</u>	21.98	19.64	21.55	19.73	14.86	18.58	13.57
<u>Y 73.0</u>	25.12	20.68	15.88	13.92	20.14	12.14	18.69
<u>Y 74.0</u>	17.64	20.57	21.40	19.05	12.94	17.91	13.04
<u>Y 75.0</u>	18.69	15.87	17.56	16.79	12.09	15.44	10.99
<u>Y 76.0</u>	21.00	17.38	13.71	11.17	17.80	10.11	15.90
<u>Y 77.0</u>	13.91	17.13	18.33	16.85	10.72	15.68	11.54
<u>Y 78.0</u>	19.65	12.06	10.64	10.39	13.19	8.68	10.73
<u>Y 79.0</u>	16.60	17.21	15.68	12.17	13.27	12.15	13.26
<u>Y 80.0</u>	11.86	13.83	14.87	14.36	8.49	13.62	9.24
<u>Y 81.0</u>	16.88	9.60	8.14	8.45	10.84	6.17	8.32
<u>Y 82.0</u>	9.86	15.38	13.99	10.26	10.83	11.42	11.47
<u>Y 83.0</u>	13.53	7.97	8.13	10.33	5.86	7.13	4.90
<u>Y 84.0</u>	14.27	7.89	6.47	5.84	8.32	3.91	5.81
<u>Y 85.0</u>	7.36	12.65	11.73	8.28	8.74	9.66	9.37
<u>Y 86.0</u>	11.54	5.64	5.35	7.96	3.22	3.79	2.57
<u>Y 87.0</u>	8.09	9.79	8.31	3.61	8.80	5.13	6.78
<u>Y 88.0</u>	4.53	10.09	9.89	6.20	6.89	8.15	8.28
<u>Y 89.0</u>	9.77	3.23	2.33	6.01	1.83	2.49	1.83
<u>Y 90.0</u>	5.26	8.04	7.23	2.47	8.22	6.11	6.26
<u>Y 91.0</u>	4.87	4.21	4.18	8.20	2.81	5.39	5.48
<u>Y 92.0</u>	7.89	1.59	1.58	5.48	1.53	1.61	2.08
<u>Y 93.0</u>	3.45	7.70	7.69	3.20	8.11	7.07	5.97

IES Indoor Report

Photometric Filename: YNT01910 LD-P38-30K-15D.IES

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 94.0</u>	4.07	3.79	3.26	8.29	2.71	4.64	5.47
<u>Y 95.0</u>	6.76	4.08	5.10	2.12	5.48	3.78	2.29
<u>Y 96.0</u>	3.21	7.28	7.13	7.29	6.46	7.59	8.26
<u>Y 97.0</u>	4.89	3.65	2.70	8.35	2.47	3.61	6.01
<u>Y 98.0</u>	6.73	4.30	5.78	1.91	5.36	4.67	2.02
<u>Y 99.0</u>	1.62	7.20	5.97	7.69	6.34	6.83	8.26
<u>Y 100.0</u>	4.91	1.87	2.65	3.77	2.31	2.16	2.70
<u>Y 101.0</u>	6.46	4.97	6.41	1.84	6.12	5.30	2.29
<u>Y 102.0</u>	1.77	6.84	4.98	8.30	5.60	6.02	8.54
<u>Y 103.0</u>	8.05	2.57	3.48	3.67	2.45	2.56	2.37
<u>Y 104.0</u>	2.05	8.43	8.32	5.01	8.36	8.52	5.87
<u>Y 105.0</u>	2.01	6.67	4.22	8.11	5.27	5.26	8.34
<u>Y 106.0</u>	8.36	2.56	3.83	2.57	3.09	2.74	2.40
<u>Y 107.0</u>	2.54	8.47	7.51	6.03	8.23	7.78	5.62
<u>Y 108.0</u>	5.33	2.50	1.64	5.92	1.86	1.63	5.84
<u>Y 109.0</u>	8.39	2.02	5.03	2.10	3.82	3.28	2.31
<u>Y 110.0</u>	2.58	8.58	6.74	6.57	7.89	7.57	6.19
<u>Y 111.0</u>	5.72	2.53	2.40	5.44	1.83	1.56	5.87
<u>Y 112.0</u>	5.91	5.85	8.73	3.17	7.89	7.83	2.40
<u>Y 113.0</u>	2.22	6.19	2.40	8.00	3.23	3.75	6.22
<u>Y 114.0</u>	5.46	2.57	2.61	4.17	1.78	1.52	5.63
<u>Y 115.0</u>	6.26	6.22	8.42	4.30	8.43	8.17	2.52
<u>Y 116.0</u>	2.17	5.71	2.09	7.48	2.77	3.10	8.60
<u>Y 117.0</u>	5.20	2.79	7.37	1.70	5.57	4.77	1.91
<u>Y 118.0</u>	6.19	6.44	8.71	5.30	8.52	8.22	2.60
<u>Y 119.0</u>	1.99	5.65	1.88	6.80	2.21	2.92	7.97
<u>Y 120.0</u>	7.90	2.97	8.01	2.33	6.20	5.15	1.87
<u>Y 121.0</u>	2.69	8.41	3.73	8.47	5.45	6.58	6.77
<u>Y 122.0</u>	1.84	5.57	1.98	5.53	2.28	2.96	8.04
<u>Y 123.0</u>	8.09	2.83	8.55	2.90	6.78	5.55	1.93
<u>Y 124.0</u>	2.46	8.33	3.27	8.35	4.70	6.66	6.93
<u>Y 125.0</u>	5.02	1.83	5.80	1.89	3.40	2.20	4.59
<u>Y 126.0</u>	7.91	3.11	8.92	3.80	7.64	6.01	1.59
<u>Y 127.0</u>	2.54	8.26	2.73	7.74	4.05	6.20	7.15
<u>Y 128.0</u>	4.91	2.21	6.07	1.67	4.55	2.31	4.24
<u>Y 129.0</u>	7.10	7.18	6.45	8.51	7.95	8.59	3.64
<u>Y 130.0</u>	3.10	4.62	2.61	2.98	3.21	2.42	7.74
<u>Y 131.0</u>	4.76	2.05	6.80	2.25	5.11	2.44	3.89
<u>Y 132.0</u>	6.92	6.86	5.60	8.49	6.36	8.61	3.96
<u>Y 133.0</u>	1.59	5.10	2.77	2.39	2.31	2.61	7.32
<u>Y 134.0</u>	4.51	3.29	8.32	6.86	7.93	5.91	1.65
<u>Y 135.0</u>	7.24	7.03	4.98	8.46	5.82	8.63	4.61
<u>Y 136.0</u>	1.77	4.67	3.59	1.93	2.85	2.71	6.95
<u>Y 137.0</u>	7.78	3.28	8.26	7.92	8.51	5.39	1.80
<u>Y 138.0</u>	3.44	8.50	2.17	4.01	2.03	6.71	8.43
<u>Y 139.0</u>	1.80	4.80	4.48	1.96	3.85	3.09	6.60
<u>Y 140.0</u>	7.52	3.20	7.70	8.35	8.12	5.35	2.22

IES Indoor Report

Photometric Filename: YNT01910 LD-P38-30K-15D.IES

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>Y141.0</u>	3.41	7.99	2.21	3.13	1.88	6.89	8.75
<u>Y142.0</u>	4.04	1.75	8.34	5.62	8.26	2.04	2.44
<u>Y143.0</u>	7.75	3.43	7.30	8.84	7.36	4.72	2.61
<u>Y144.0</u>	4.14	8.06	2.28	1.94	2.22	7.37	8.54
<u>Y145.0</u>	3.81	2.06	9.05	6.83	8.70	2.08	2.22
<u>Y146.0</u>	7.95	7.42	2.79	5.53	2.76	7.74	7.03
<u>Y147.0</u>	4.28	5.09	2.64	3.56	2.29	4.20	8.28
<u>Y148.0</u>	3.76	2.08	8.87	7.94	8.75	1.75	1.85
<u>Y149.0</u>	8.07	7.26	2.65	4.12	2.21	7.45	7.82
<u>Y150.0</u>	2.21	4.93	7.06	4.68	7.12	4.99	4.26
<u>Y151.0</u>	3.70	3.41	5.49	7.59	5.33	3.60	4.11
<u>Y152.0</u>	8.23	7.41	2.12	3.35	2.04	6.89	8.05
<u>Y153.0</u>	2.06	5.09	7.76	5.49	7.54	5.53	3.28
<u>Y154.0</u>	7.20	3.25	4.75	6.42	4.22	2.72	5.40
<u>Y155.0</u>	8.44	8.70	3.82	2.89	4.05	8.50	7.00
<u>Y156.0</u>	2.34	5.14	7.94	6.91	8.30	6.50	2.92
<u>Y157.0</u>	6.98	3.74	4.68	5.55	3.76	2.95	5.84
<u>Y158.0</u>	5.67	8.20	4.56	3.49	4.99	8.76	6.05
<u>Y159.0</u>	3.08	2.56	8.31	8.45	7.44	3.43	2.94
<u>Y160.0</u>	6.59	4.03	4.42	4.01	3.68	2.43	7.01
<u>Y161.0</u>	6.48	8.23	5.47	4.87	5.57	8.46	5.53
<u>Y162.0</u>	3.04	2.35	8.10	7.16	7.55	4.35	3.24
<u>Y163.0</u>	8.77	8.25	2.33	2.25	2.28	3.99	8.35
<u>Y164.0</u>	6.73	4.40	5.29	9.20	5.72	8.29	4.57
<u>Y165.0</u>	2.61	2.10	7.57	6.79	7.01	5.12	4.10
<u>Y166.0</u>	8.68	8.25	2.44	3.13	2.81	3.39	8.04
<u>Y167.0</u>	3.17	4.20	8.80	9.09	8.70	8.59	1.96
<u>Y168.0</u>	2.64	4.51	6.96	2.32	2.68	2.71	4.75
<u>Y169.0</u>	8.52	8.59	2.52	3.86	2.66	3.24	7.45
<u>Y170.0</u>	3.30	3.73	8.94	8.42	8.82	8.68	1.96
<u>Y171.0</u>	5.72	5.40	3.44	2.27	2.53	3.36	8.57
<u>Y172.0</u>	2.58	5.74	6.80	2.37	5.78	3.75	5.53
<u>Y173.0</u>	8.48	8.97	2.78	5.35	3.32	2.48	6.78
<u>Y174.0</u>	5.49	6.01	3.04	2.78	2.22	4.03	8.53
<u>Y175.0</u>	7.32	2.66	9.14	6.91	8.60	8.11	2.41
<u>Y176.0</u>	5.26	6.86	2.51	2.82	2.13	4.80	8.67
<u>Y177.0</u>	3.48	1.99	8.85	6.21	8.37	7.40	2.78
<u>Y178.0</u>	8.96	5.08	7.19	8.92	8.13	2.85	2.51
<u>Y179.0</u>	2.16	8.40	4.92	3.87	3.79	6.17	6.66
<u>Y180.0</u>	5.32	5.32	5.32	5.32	5.32	5.32	5.32

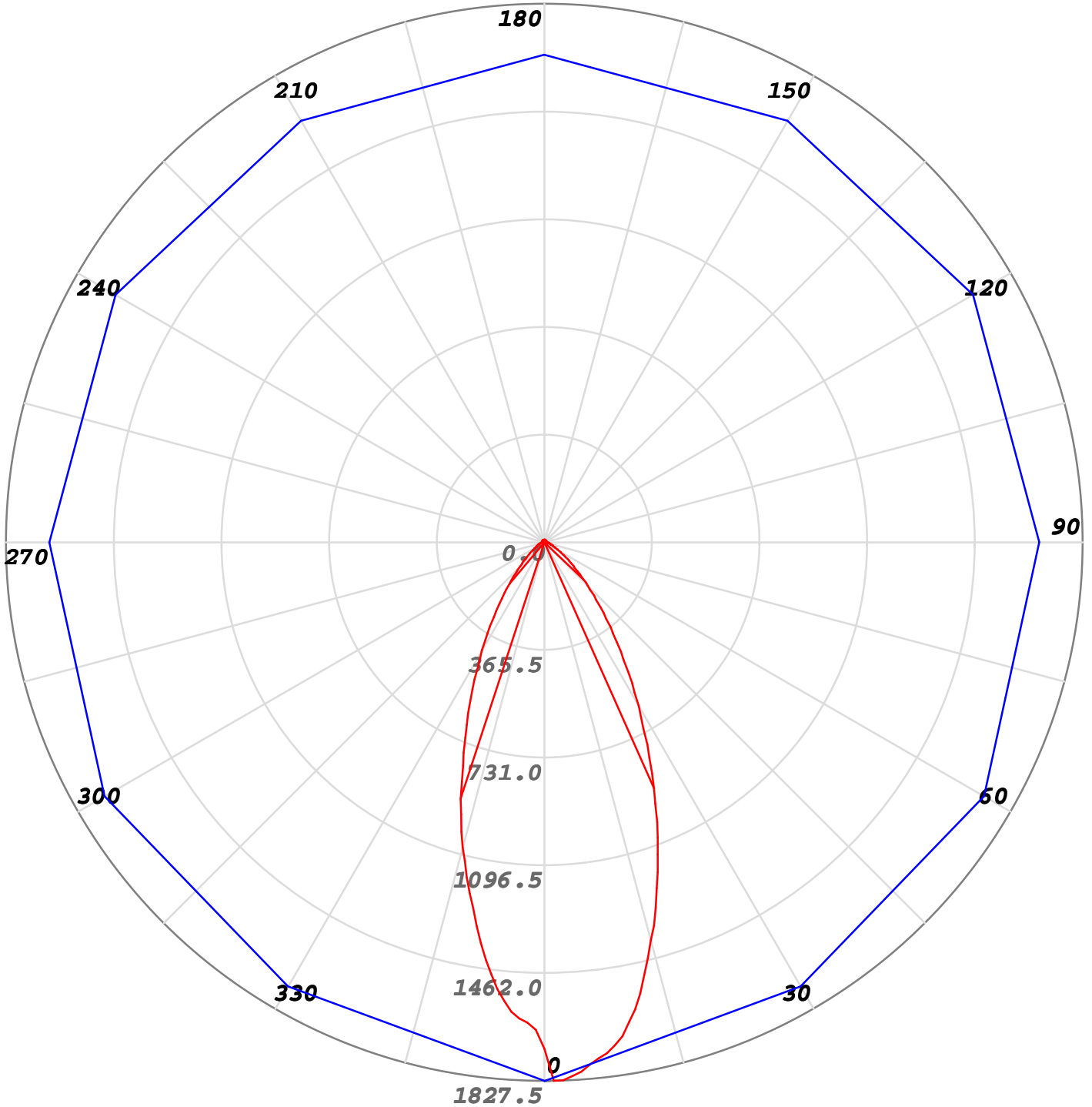
IES Indoor Report

Photometric Filename: YNT01910 LD-P38-30K-15D.IES

2D Light Intensity Distribution Curve

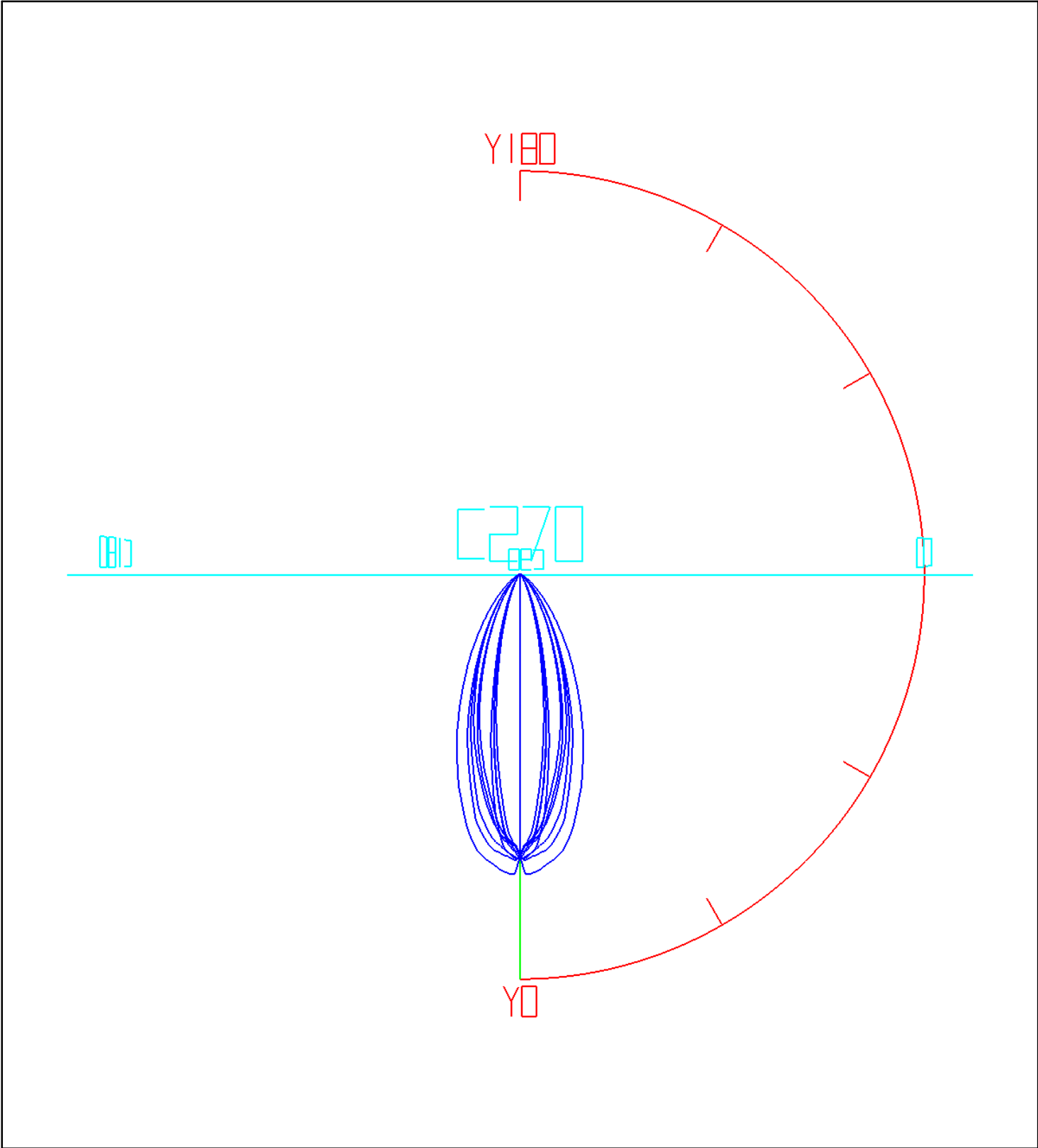
Plane [50%Ang.] [10%Ang.]
C0.0: 42.1 86.5

Polar Graph



C Plane: C0.0
γ Cone: γ1.0

3D Light Intensity Distribution Curve



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

IES Indoor Report

Photometric Filename: YNT01910 LD-P38-30K-15D.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	1.64	1.64	0.13	0.13	47.0-48.0	9.92	9.92	0.77	0.77
1.0-2.0	4.87	6.51	0.38	0.51	48.0-49.0	9.26	19.18	0.72	1.49
2.0-3.0	8.04	14.55	0.62	1.13	49.0-50.0	8.64	27.81	0.67	2.16
3.0-4.0	11.15	25.70	0.87	2.00	50.0-51.0	8.03	35.85	0.62	2.78
4.0-5.0	14.16	39.85	1.10	3.10	51.0-52.0	7.48	43.33	0.58	3.37
5.0-6.0	17.04	56.89	1.32	4.42	52.0-53.0	6.95	50.28	0.54	3.91
6.0-7.0	19.74	76.63	1.53	5.95	53.0-54.0	6.44	56.72	0.50	4.41
7.0-8.0	22.22	98.85	1.73	7.68	54.0-55.0	6.02	62.74	0.47	4.87
8.0-9.0	24.47	123.32	1.90	9.58	55.0-56.0	5.57	68.31	0.43	5.31
9.0-10.0	26.53	149.85	2.06	11.64	56.0-57.0	5.16	73.48	0.40	5.71
10.0-11.0	28.39	178.24	2.21	13.85	57.0-58.0	4.85	78.32	0.38	6.09
11.0-12.0	30.04	208.28	2.33	16.18	58.0-59.0	4.46	82.78	0.35	6.43
12.0-13.0	31.37	239.64	2.44	18.62	59.0-60.0	4.12	86.90	0.32	6.75
13.0-14.0	32.45	272.10	2.52	21.14	60.0-61.0	3.83	90.73	0.30	7.05
14.0-15.0	33.34	305.44	2.59	23.73	61.0-62.0	3.54	94.27	0.27	7.32
15.0-16.0	34.07	339.51	2.65	26.38	62.0-63.0	3.35	97.62	0.26	7.58
16.0-17.0	34.69	374.20	2.70	29.07	63.0-64.0	3.13	100.74	0.24	7.83
17.0-18.0	35.08	409.29	2.73	31.80	64.0-65.0	2.92	103.67	0.23	8.05
18.0-19.0	35.25	444.53	2.74	34.54	65.0-66.0	2.79	106.46	0.22	8.27
19.0-20.0	35.27	479.80	2.74	37.28	66.0-67.0	2.59	109.05	0.20	8.47
20.0-21.0	35.11	514.92	2.73	40.01	67.0-68.0	2.47	111.52	0.19	8.66
21.0-22.0	34.74	549.66	2.70	42.70	68.0-69.0	2.39	113.90	0.19	8.85
22.0-23.0	34.22	583.87	2.66	45.36	69.0-70.0	2.23	116.13	0.17	9.02
23.0-24.0	33.55	617.43	2.61	47.97	70.0-71.0	2.15	118.27	0.17	9.19
24.0-25.0	32.78	650.20	2.55	50.52	71.0-72.0	2.05	120.32	0.16	9.35
25.0-26.0	31.96	682.16	2.48	53.00	72.0-73.0	1.89	122.21	0.15	9.50
26.0-27.0	31.07	713.23	2.41	55.41	73.0-74.0	1.86	124.07	0.14	9.64
27.0-28.0	30.10	743.33	2.34	57.75	74.0-75.0	1.76	125.83	0.14	9.78
28.0-29.0	29.16	772.49	2.27	60.02	75.0-76.0	1.60	127.43	0.12	9.90
29.0-30.0	28.18	800.67	2.19	62.21	76.0-77.0	1.60	129.03	0.12	10.02
30.0-31.0	27.14	827.82	2.11	64.32	77.0-78.0	1.44	130.47	0.11	10.14
31.0-32.0	26.04	853.86	2.02	66.34	78.0-79.0	1.39	131.87	0.11	10.25
32.0-33.0	24.86	878.72	1.93	68.27	79.0-80.0	1.45	133.31	0.11	10.36
33.0-34.0	23.69	902.41	1.84	70.11	80.0-81.0	1.19	134.50	0.09	10.45
34.0-35.0	22.53	924.94	1.75	71.86	81.0-82.0	1.16	135.66	0.09	10.54
35.0-36.0	21.35	946.28	1.66	73.52	82.0-83.0	1.10	136.76	0.09	10.63
36.0-37.0	20.25	966.53	1.57	75.09	83.0-84.0	0.83	137.59	0.06	10.69
37.0-38.0	19.20	985.73	1.49	76.58	84.0-85.0	0.93	138.51	0.07	10.76
38.0-39.0	18.10	1003.83	1.41	77.99	85.0-86.0	0.84	139.35	0.07	10.83
39.0-40.0	17.04	1020.87	1.32	79.31	86.0-87.0	0.69	140.05	0.05	10.88
40.0-41.0	16.07	1036.94	1.25	80.56	87.0-88.0	0.83	140.88	0.06	10.95
41.0-42.0	15.04	1051.97	1.17	81.73	88.0-89.0	0.63	141.51	0.05	10.99
42.0-43.0	14.02	1065.99	1.09	82.82	89.0-90.0	0.54	142.05	0.04	11.04
43.0-44.0	13.09	1079.08	1.02	83.84	90.0-91.0	0.62	142.67	0.05	11.08
44.0-45.0	12.19	1091.27	0.95	84.78	91.0-92.0	0.43	143.10	0.03	11.12
45.0-46.0	11.41	1102.68	0.89	85.67	92.0-93.0	0.50	143.60	0.04	11.16
46.0-47.0	10.65	1113.34	0.83	86.50	93.0-94.0	0.60	144.21	0.05	11.20

IES Indoor Report

Photometric Filename: YNT01910 LD-P38-30K-15D.IES

Zonal Liumens Tabulation - (Cont.)

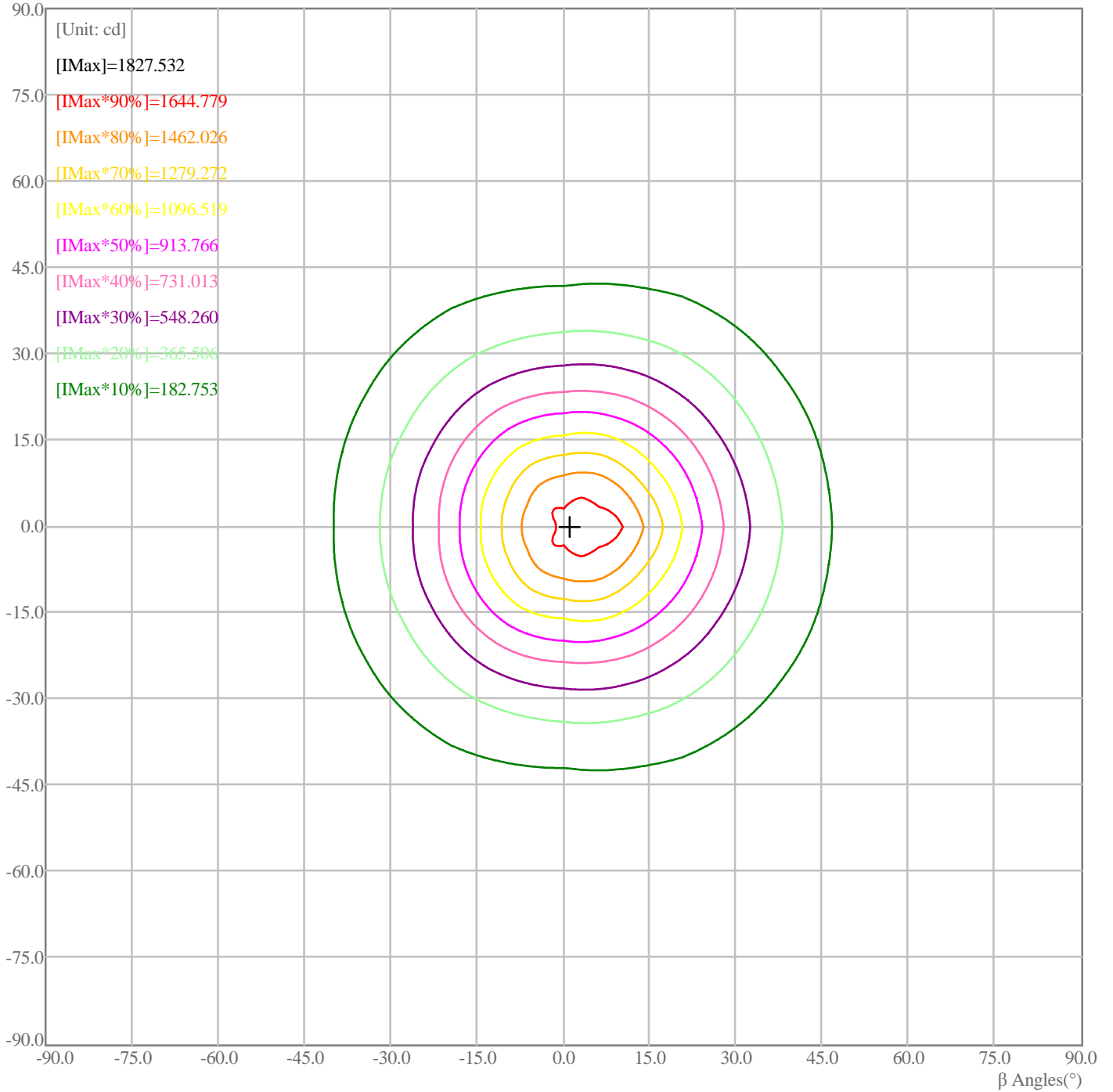
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.48	0.48	0.04	0.04	141.0-142.0	0.33	0.33	0.03	0.03
95.0-96.0	0.61	1.08	0.05	0.08	142.0-143.0	0.37	0.69	0.03	0.05
96.0-97.0	0.61	1.70	0.05	0.13	143.0-144.0	0.35	1.05	0.03	0.08
97.0-98.0	0.48	2.18	0.04	0.17	144.0-145.0	0.32	1.37	0.02	0.11
98.0-99.0	0.59	2.77	0.05	0.21	145.0-146.0	0.34	1.70	0.03	0.13
99.0-100.0	0.50	3.27	0.04	0.25	146.0-147.0	0.29	2.00	0.02	0.16
100.0-101.0	0.41	3.68	0.03	0.29	147.0-148.0	0.28	2.27	0.02	0.18
101.0-102.0	0.59	4.27	0.05	0.33	148.0-149.0	0.30	2.58	0.02	0.20
102.0-103.0	0.51	4.77	0.04	0.37	149.0-150.0	0.30	2.87	0.02	0.22
103.0-104.0	0.56	5.33	0.04	0.41	150.0-151.0	0.28	3.15	0.02	0.24
104.0-105.0	0.68	6.01	0.05	0.47	151.0-152.0	0.26	3.41	0.02	0.26
105.0-106.0	0.48	6.50	0.04	0.50	152.0-153.0	0.27	3.68	0.02	0.29
106.0-107.0	0.55	7.04	0.04	0.55	153.0-154.0	0.25	3.93	0.02	0.31
107.0-108.0	0.53	7.58	0.04	0.59	154.0-155.0	0.25	4.18	0.02	0.32
108.0-109.0	0.35	7.93	0.03	0.62	155.0-156.0	0.28	4.45	0.02	0.35
109.0-110.0	0.55	8.47	0.04	0.66	156.0-157.0	0.24	4.69	0.02	0.36
110.0-111.0	0.52	9.00	0.04	0.70	157.0-158.0	0.22	4.91	0.02	0.38
111.0-112.0	0.49	9.48	0.04	0.74	158.0-159.0	0.23	5.14	0.02	0.40
112.0-113.0	0.55	10.04	0.04	0.78	159.0-160.0	0.19	5.33	0.01	0.41
113.0-114.0	0.39	10.42	0.03	0.81	160.0-161.0	0.20	5.52	0.02	0.43
114.0-115.0	0.48	10.91	0.04	0.85	161.0-162.0	0.21	5.73	0.02	0.45
115.0-116.0	0.55	11.45	0.04	0.89	162.0-163.0	0.17	5.90	0.01	0.46
116.0-117.0	0.43	11.88	0.03	0.92	163.0-164.0	0.17	6.07	0.01	0.47
117.0-118.0	0.55	12.43	0.04	0.97	164.0-165.0	0.17	6.24	0.01	0.48
118.0-119.0	0.53	12.96	0.04	1.01	165.0-166.0	0.14	6.38	0.01	0.50
119.0-120.0	0.43	13.39	0.03	1.04	166.0-167.0	0.15	6.53	0.01	0.51
120.0-121.0	0.53	13.91	0.04	1.08	167.0-168.0	0.13	6.66	0.01	0.52
121.0-122.0	0.47	14.39	0.04	1.12	168.0-169.0	0.09	6.75	0.01	0.52
122.0-123.0	0.42	14.81	0.03	1.15	169.0-170.0	0.12	6.87	0.01	0.53
123.0-124.0	0.52	15.32	0.04	1.19	170.0-171.0	0.10	6.97	0.01	0.54
124.0-125.0	0.42	15.75	0.03	1.22	171.0-172.0	0.07	7.04	0.01	0.55
125.0-126.0	0.40	16.15	0.03	1.25	172.0-173.0	0.07	7.11	0.01	0.55
126.0-127.0	0.50	16.65	0.04	1.29	173.0-174.0	0.06	7.17	0.00	0.56
127.0-128.0	0.40	17.05	0.03	1.32	174.0-175.0	0.06	7.22	0.00	0.56
128.0-129.0	0.47	17.52	0.04	1.36	175.0-176.0	0.05	7.27	0.00	0.56
129.0-130.0	0.46	17.98	0.04	1.40	176.0-177.0	0.03	7.30	0.00	0.57
130.0-131.0	0.31	18.28	0.02	1.42	177.0-178.0	0.03	7.33	0.00	0.57
131.0-132.0	0.44	18.72	0.03	1.45	178.0-179.0	0.02	7.35	0.00	0.57
132.0-133.0	0.41	19.14	0.03	1.49	179.0-180.0	0.01	7.36	0.00	0.57
133.0-134.0	0.36	19.50	0.03	1.52					
134.0-135.0	0.50	20.00	0.04	1.55					
135.0-136.0	0.39	20.39	0.03	1.58					
136.0-137.0	0.37	20.75	0.03	1.61					
137.0-138.0	0.42	21.17	0.03	1.64					
138.0-139.0	0.31	21.48	0.02	1.67					
139.0-140.0	0.36	21.84	0.03	1.70					
140.0-141.0	0.38	22.22	0.03	1.73					

IES Indoor Report

Photometric Filename: YNT01910 LD-P38-30K-15D.IES

Rectangle ISO Light Intensity Curve

B Angles(°)



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

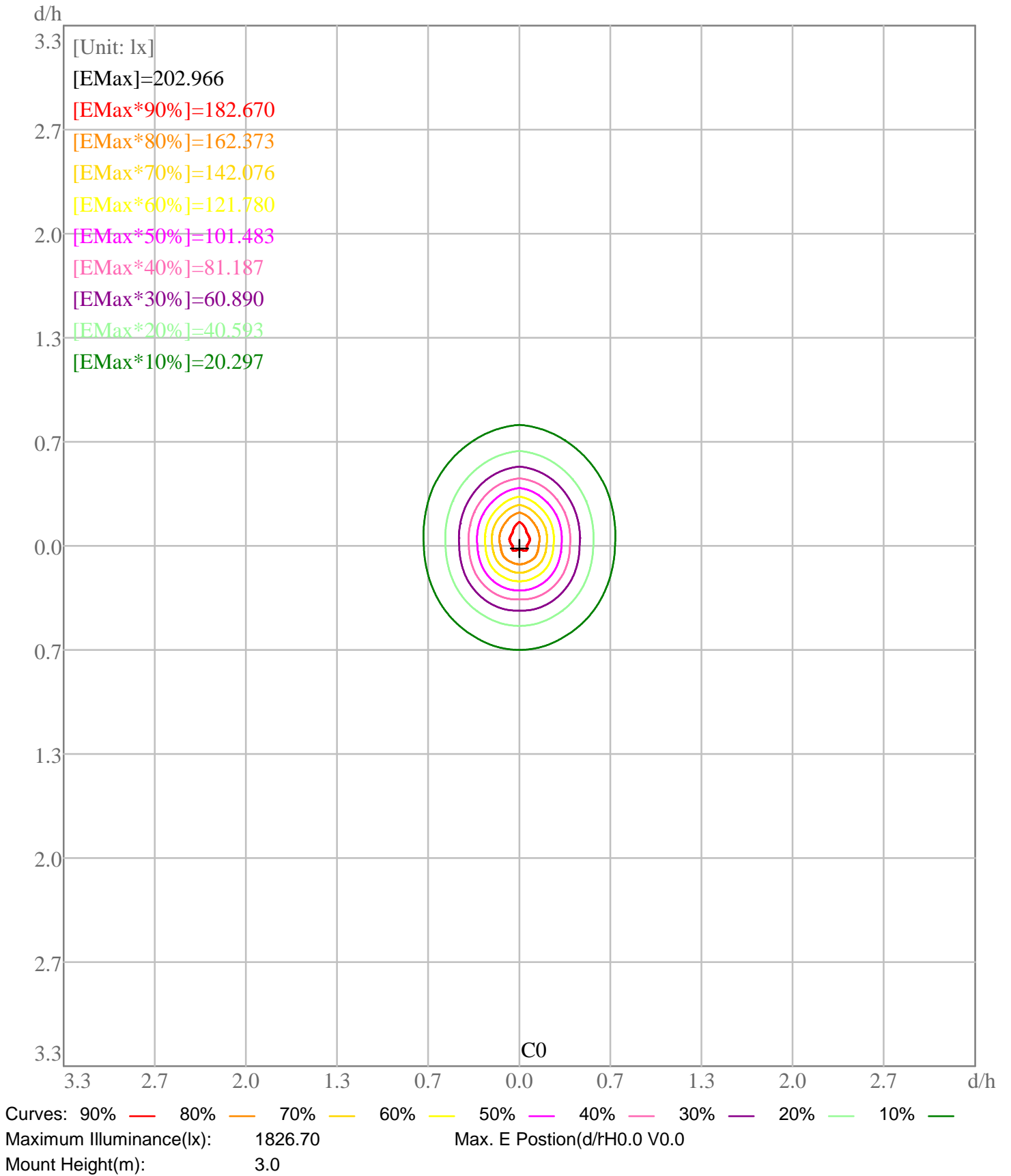
Maximum Light Intensity(cd): 1827.53

Maximum Cd. Angles: H1.0 V0.0

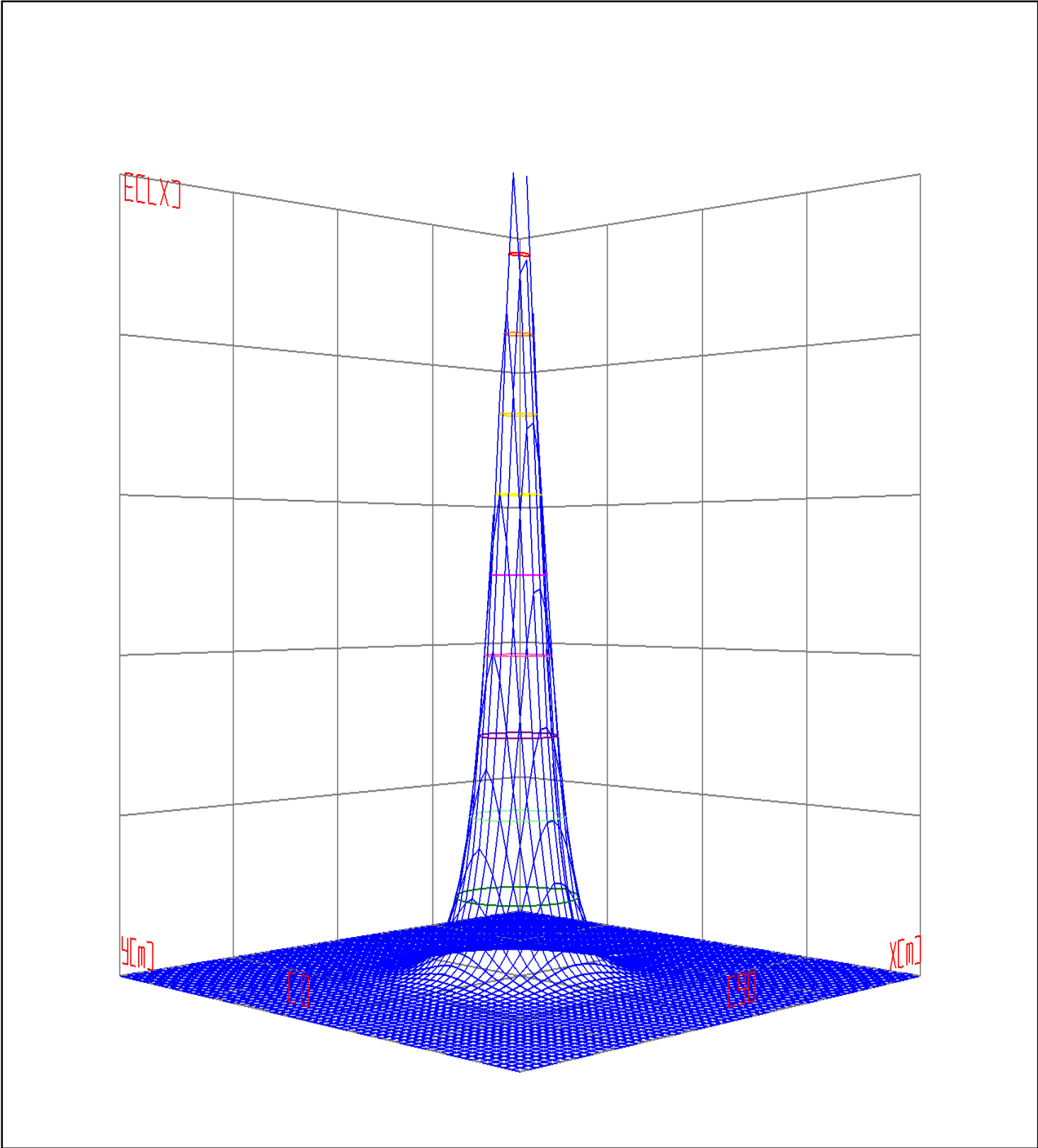
IES Indoor Report

Photometric Filename: YNT01910 LD-P38-30K-15D.IES

Plane ISO-Illuminance Curve

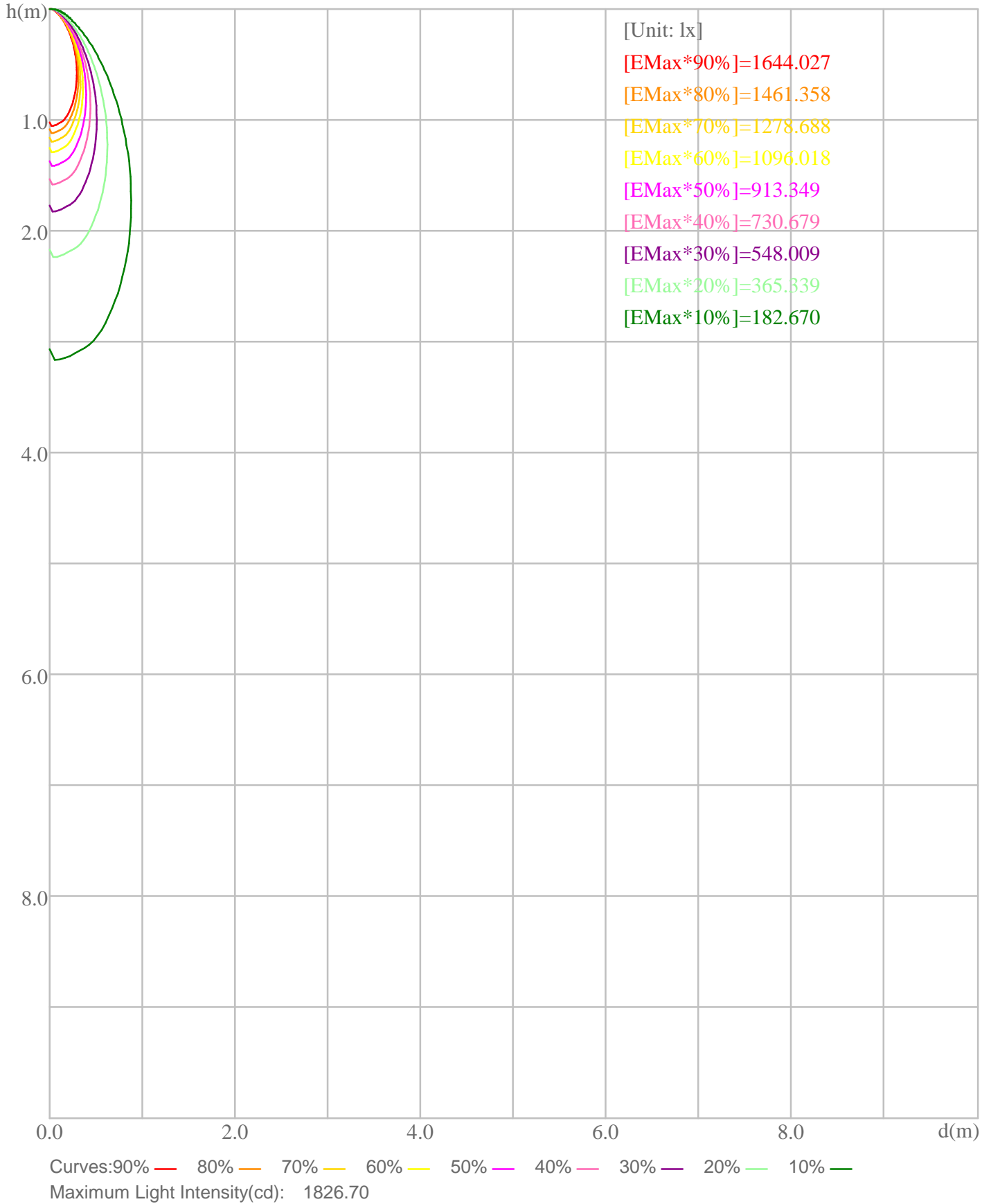


3D Plane ISO Illuminance Curve

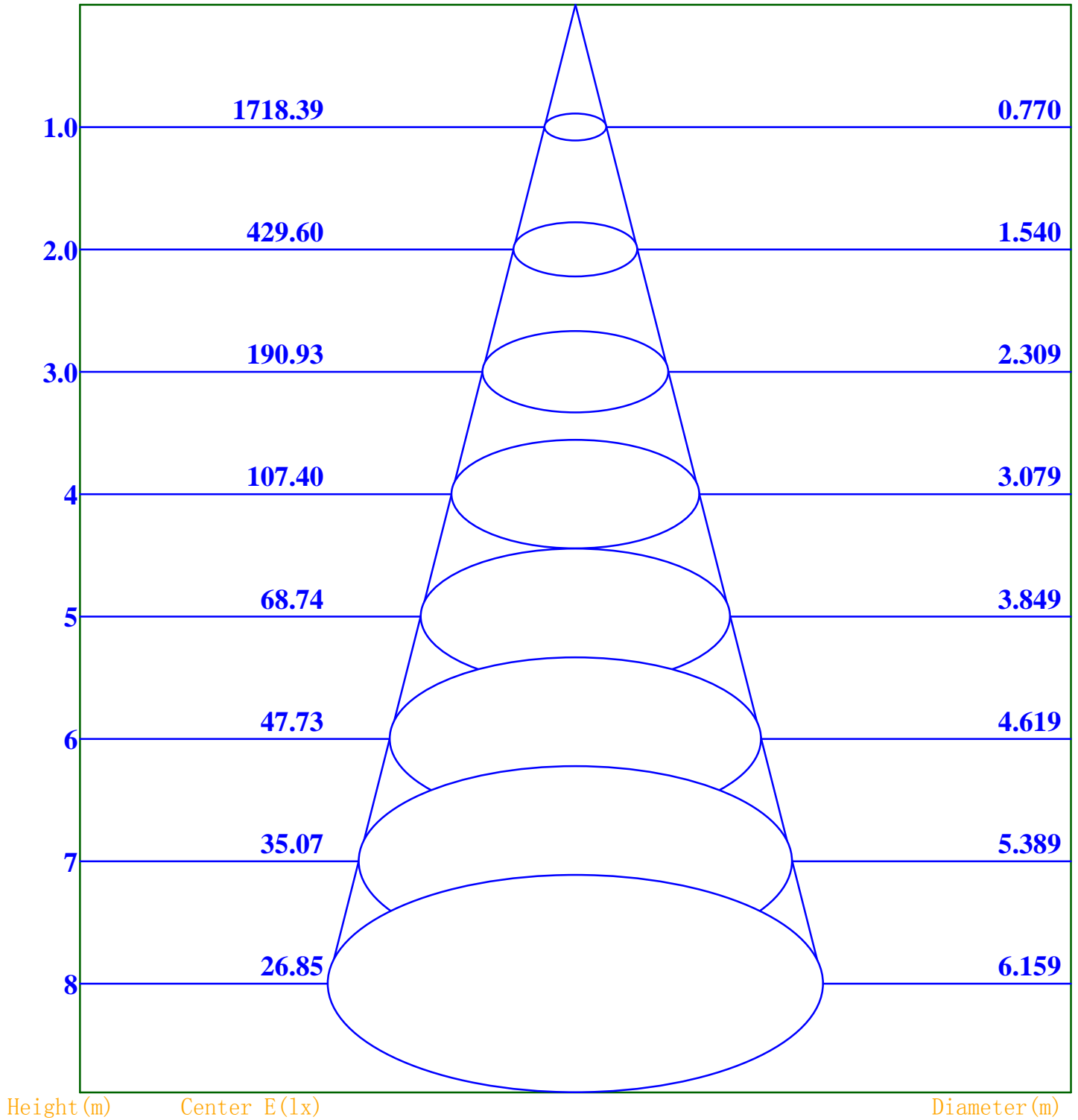


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10%
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Curve



Illuminance-Distance Curve



Beam Angle:42.1

Indoor Luminance Limiting Curve

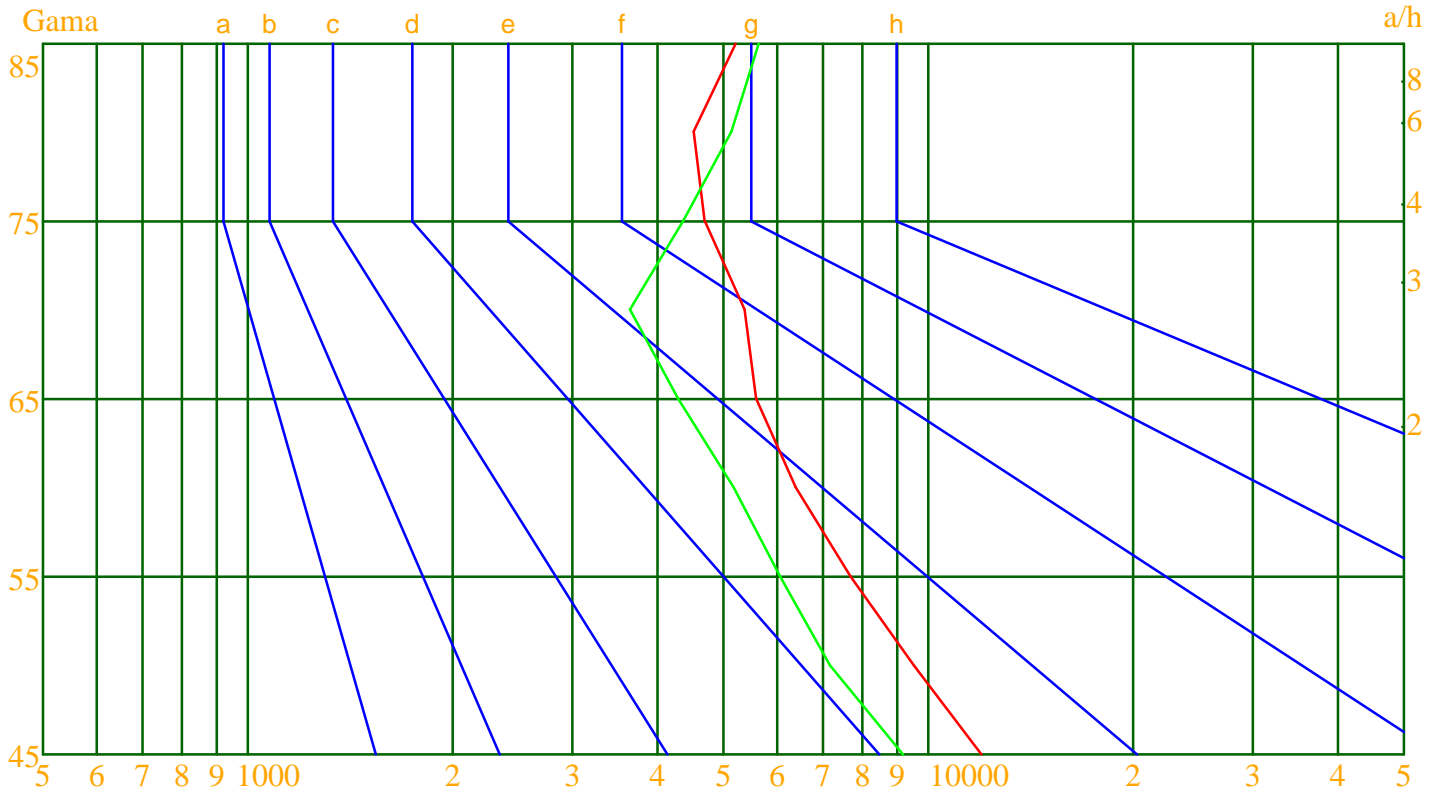
Glare Grade Table

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	58557	41541	30133	22816	18663	17601	14367	13585	16805
C90	39327	27154	21088	16662	12564	9838	12905	16456	18893

Luminance Limiting Curve

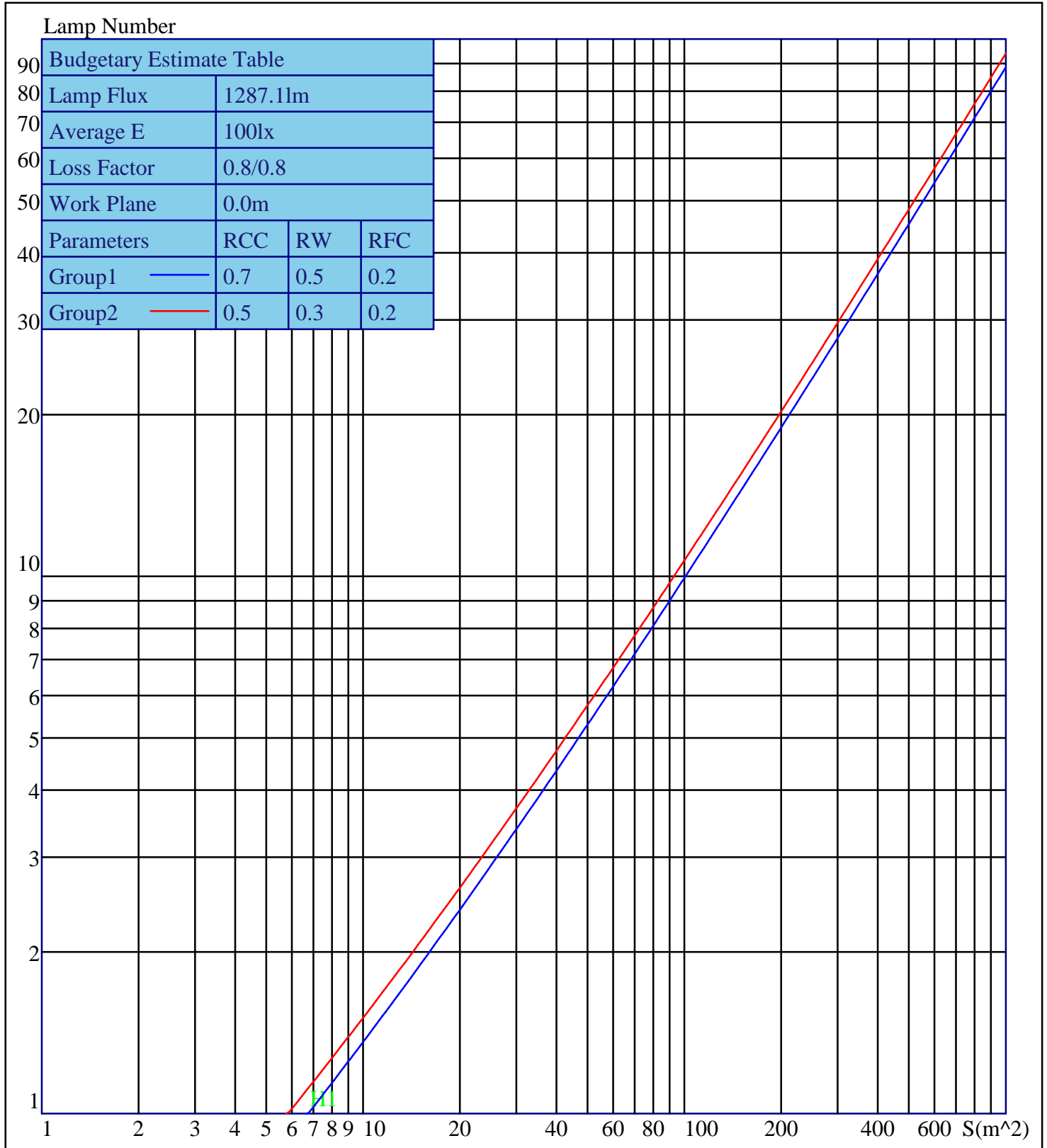


Luminous Size: Length(m)=0.000 Width(m)=-0.080 Height(m)=0.000 Area(m^2)=0.005027
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename: YNT01910 LD-P38-30K-15D.IES

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	50	30	10	0
RCR	Coefficient of Utilization (%)																	
0	118	118	118	118	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	112	109	106	103	109	106	104	101	102	100	98	98	96	95	94	93	91	89
2	106	100	96	92	103	98	94	90	94	91	88	91	88	86	88	86	84	82
3	100	92	87	83	97	91	86	82	88	84	80	85	81	78	82	79	77	75
4	94	86	80	75	92	84	79	74	82	77	73	80	75	72	77	74	71	69
5	89	80	74	69	87	79	73	68	77	72	68	75	70	67	73	69	66	64
6	84	75	68	64	83	74	68	63	72	67	63	70	66	62	69	65	61	60
7	80	70	64	59	78	69	63	59	68	62	58	66	61	58	65	61	57	56
8	76	66	60	55	75	65	59	55	64	58	55	63	58	54	61	57	54	52
9	72	62	56	52	71	62	56	52	60	55	51	59	54	51	58	54	51	49
10	69	59	53	49	68	58	52	49	57	52	48	56	51	48	55	51	48	46

IES Indoor Report

Photometric Filename: YNT01910 LD-P38-30K-15D.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	38.8	40.9	39.7	41.7	42.5	36.9	39.0	37.8	39.8	40.6
	Y=3H	39.7	41.8	40.6	42.6	43.3	37.6	39.7	38.5	40.5	41.2
	Y=4H	40.5	42.4	41.4	43.2	44.0	38.4	40.3	39.3	41.1	41.9
	Y=6H	41.3	43.1	42.2	43.9	44.7	39.1	41.0	40.0	41.8	42.6
	Y=8H	41.7	43.6	42.6	44.4	45.1	39.5	41.4	40.4	42.2	42.9
	Y=12H	42.3	44.1	43.2	44.9	45.7	39.8	41.7	40.7	42.5	43.2
X=4H	Y=2H	38.8	40.7	39.7	41.5	42.3	37.0	38.9	37.9	39.7	40.5
	Y=3H	39.9	41.8	40.8	42.6	43.3	38.0	39.9	38.9	40.7	41.4
	Y=4H	38.9	40.0	40.0	41.1	42.0	37.0	38.2	38.1	39.2	40.1
	Y=6H	40.0	41.1	41.1	42.2	43.1	38.1	39.3	39.3	40.3	41.2
	Y=8H	40.7	41.8	41.9	42.8	43.8	38.8	39.9	39.9	40.9	41.8
	Y=12H	40.7	41.6	42.0	42.7	43.8	38.5	39.4	39.7	40.5	41.6
X=8H	Y=4H	38.9	40.0	40.0	41.0	42.0	37.1	38.2	38.2	39.2	40.2
	Y=6H	39.3	40.1	40.6	41.3	42.3	37.6	38.4	38.8	39.5	40.6
	Y=8H	39.7	40.3	41.0	41.6	42.7	37.9	38.5	39.2	39.7	40.8
	Y=12H	40.9	41.6	42.2	42.8	43.9	38.9	39.5	40.2	40.7	41.8
X=12H	Y=4H	37.9	38.8	39.2	39.9	41.0	36.2	37.0	37.4	38.2	39.2
	Y=6H	38.8	39.5	40.1	40.7	41.8	37.1	37.8	38.4	39.0	40.1
	Y=8H	39.7	40.4	41.0	41.6	42.7	38.0	38.6	39.3	39.9	41.0
Variations with the objerver position at spacings											
S=1.0H	1.7/-7.0					1.9/-5.1					
S=1.5H	-7.0/-28.1					-5.1/-26.4					
S=2.0H	-7.0/-28.1					-5.1/-26.4					