

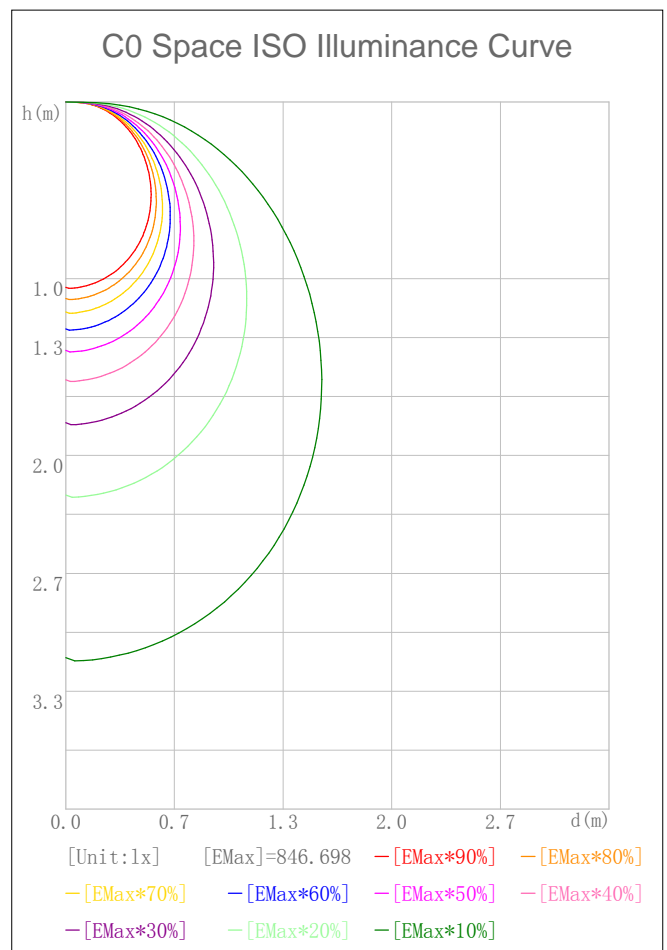
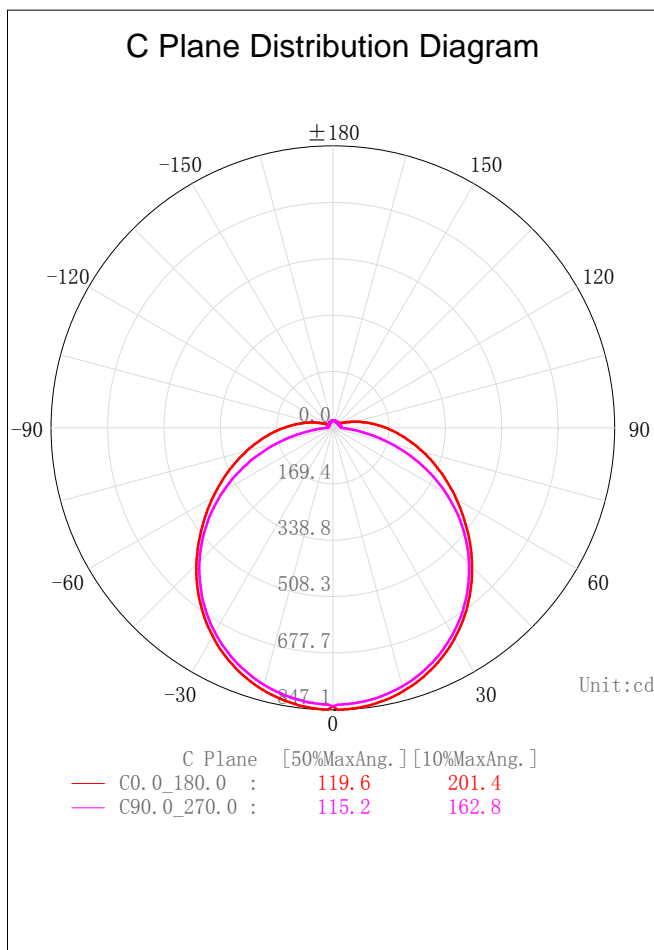
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 40W 5700K		Lum. Catalog:	Test ID: 001
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/04/12
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab: Volnic IES	Frequency (Hz):		Lamp CCT (K): Ra:
Lum. Size (W*L*H): 0.075m*1.200m*0.000m		Lum. Area (m2): 0.090	Lum. W (kg): 0.500
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity (%): 50.0

Character Parameter

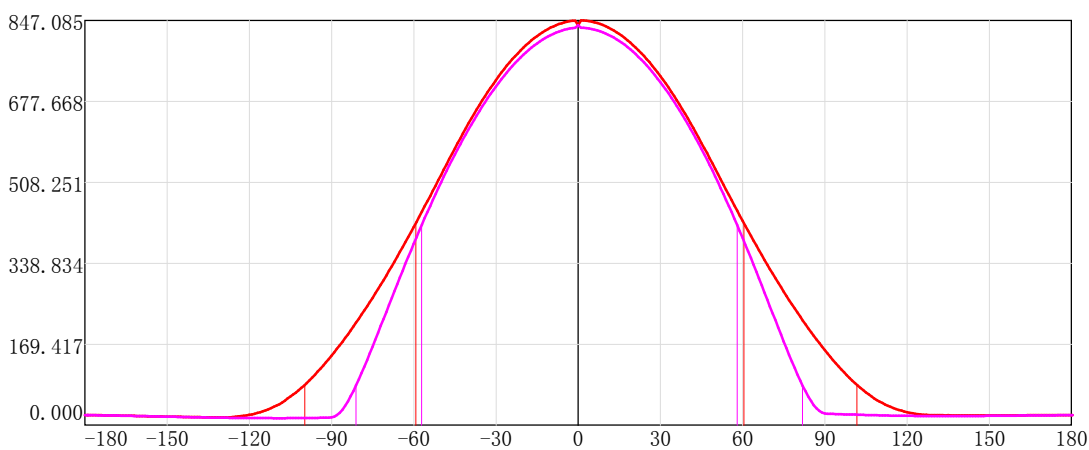
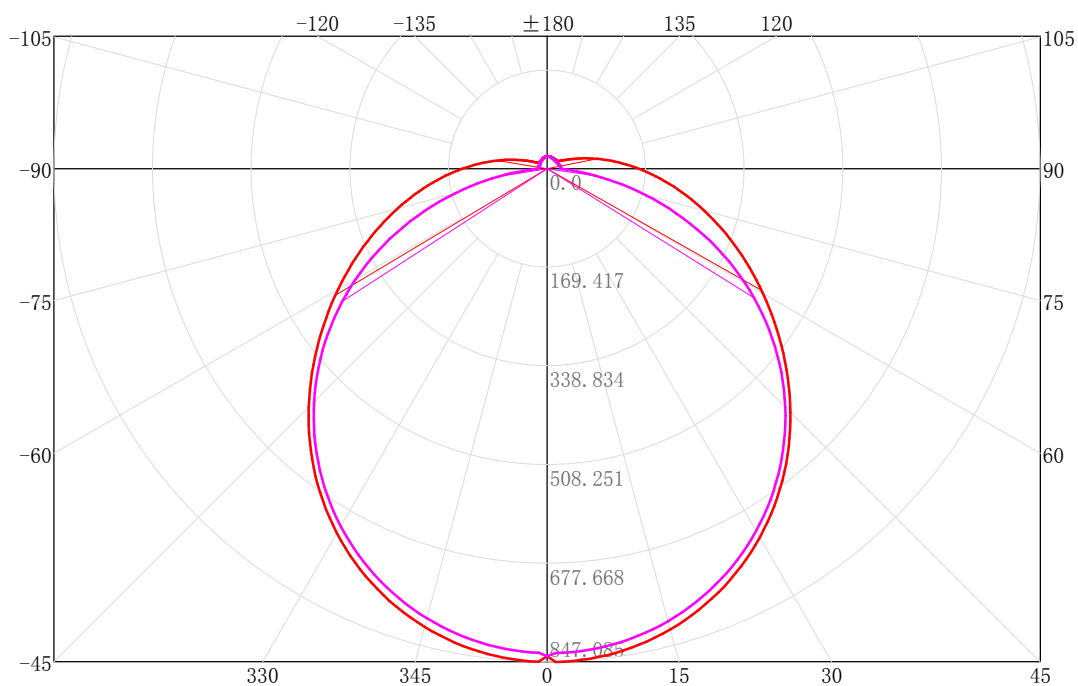
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2845.730	Luminary Flux(lm): 2845.734	Field Angle(10%Imax): 201.4(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2645.477lm 92.96%	
Rated Voltage(V):	Luminary EER(lm/W): 71.880	Up Lumens&Percent: 200.257lm 7.04%	
Tested Power(W): 39.590	Max. Candela(cd): 847.085	S/MH: C0_a180=1.287 C90_270=1.268	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf): 240.0, 0.175, 0.942	Beam Angle(50%Imax): 119.6(°)	ErP Φuse(120°): 1929.398lm	
Lamp Size (W*L*H): 0.075m*1.200m*0.000m	Left=-59.2°, Right=60.4°	IRF (%): 107.788	



2D Plane Light Intensity Distribution Curve

Lum. Name: 40W 5700K	Lum. Catalog:	Test ID: 001
Lamp Name:	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2019/04/12

C Plane Distribution Diagram

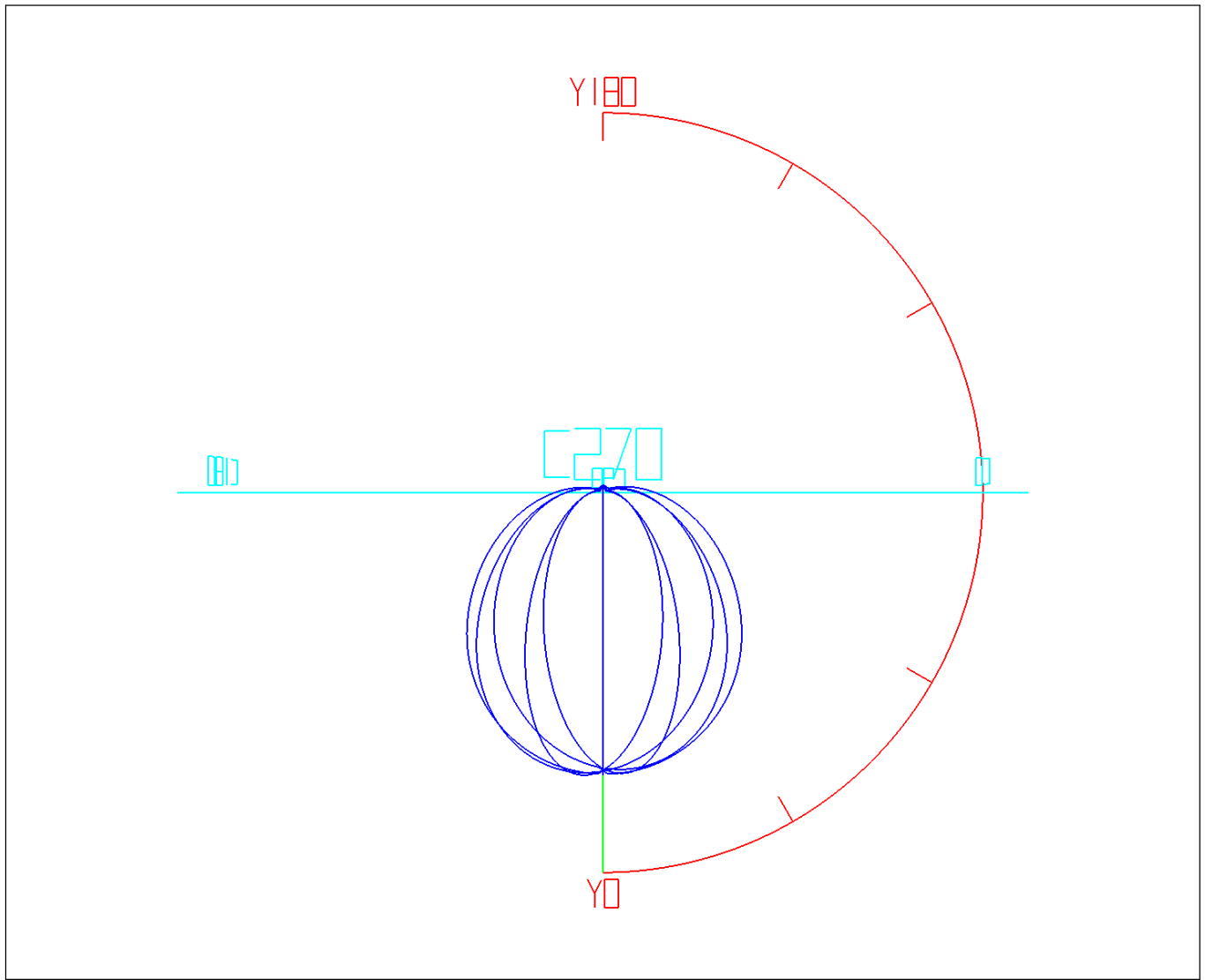


	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C0_0_180.0 :	119.6	201.4	
—	C90_0_270.0 :	115.2	162.8	

3D Light Intensity Distribution Modal

Lum. Name: 40W 5700K	Lum. Catalog:	Test ID: 001
Lamp Name:	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2019/04/12

3D Light Intensity Distribution Modal



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

IES Indoor Report
Photometric Filename:40W 5700K.IES

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	0.80	0.80	0.03	0.03	47.0-48.0	44.27	1431.05	1.56	50.29
1.0-2.0	2.40	3.20	0.08	0.11	48.0-49.0	44.05	1475.09	1.55	51.84
2.0-3.0	3.99	7.19	0.14	0.25	49.0-50.0	43.77	1518.86	1.54	53.37
3.0-4.0	5.58	12.77	0.20	0.45	50.0-51.0	43.43	1562.29	1.53	54.90
4.0-5.0	7.16	19.93	0.25	0.70	51.0-52.0	43.04	1605.34	1.51	56.41
5.0-6.0	8.73	28.66	0.31	1.01	52.0-53.0	42.61	1647.95	1.50	57.91
6.0-7.0	10.30	38.96	0.36	1.37	53.0-54.0	42.13	1690.07	1.48	59.39
7.0-8.0	11.84	50.80	0.42	1.79	54.0-55.0	41.60	1731.67	1.46	60.85
8.0-9.0	13.38	64.18	0.47	2.26	55.0-56.0	41.03	1772.70	1.44	62.29
9.0-10.0	14.89	79.08	0.52	2.78	56.0-57.0	40.41	1813.11	1.42	63.71
10.0-11.0	16.39	95.47	0.58	3.35	57.0-58.0	39.74	1852.85	1.40	65.11
11.0-12.0	17.87	113.34	0.63	3.98	58.0-59.0	39.04	1891.89	1.37	66.48
12.0-13.0	19.32	132.66	0.68	4.66	59.0-60.0	38.31	1930.20	1.35	67.83
13.0-14.0	20.75	153.41	0.73	5.39	60.0-61.0	37.54	1967.73	1.32	69.15
14.0-15.0	22.15	175.56	0.78	6.17	61.0-62.0	36.73	2004.47	1.29	70.44
15.0-16.0	23.53	199.09	0.83	7.00	62.0-63.0	35.89	2040.36	1.26	71.70
16.0-17.0	24.87	223.96	0.87	7.87	63.0-64.0	35.02	2075.38	1.23	72.93
17.0-18.0	26.18	250.15	0.92	8.79	64.0-65.0	34.12	2109.50	1.20	74.13
18.0-19.0	27.46	277.61	0.97	9.76	65.0-66.0	33.20	2142.70	1.17	75.30
19.0-20.0	28.71	306.32	1.01	10.76	66.0-67.0	32.27	2174.97	1.13	76.43
20.0-21.0	29.92	336.24	1.05	11.82	67.0-68.0	31.31	2206.27	1.10	77.53
21.0-22.0	31.08	367.32	1.09	12.91	68.0-69.0	30.32	2236.60	1.07	78.59
22.0-23.0	32.21	399.53	1.13	14.04	69.0-70.0	29.32	2265.92	1.03	79.63
23.0-24.0	33.30	432.83	1.17	15.21	70.0-71.0	28.31	2294.23	0.99	80.62
24.0-25.0	34.35	467.18	1.21	16.42	71.0-72.0	27.30	2321.53	0.96	81.58
25.0-26.0	35.35	502.53	1.24	17.66	72.0-73.0	26.28	2347.81	0.92	82.50
26.0-27.0	36.30	538.84	1.28	18.93	73.0-74.0	25.26	2373.08	0.89	83.39
27.0-28.0	37.21	576.05	1.31	20.24	74.0-75.0	24.23	2397.31	0.85	84.24
28.0-29.0	38.07	614.12	1.34	21.58	75.0-76.0	23.20	2420.51	0.82	85.06
29.0-30.0	38.89	653.01	1.37	22.95	76.0-77.0	22.18	2442.69	0.78	85.84
30.0-31.0	39.65	692.65	1.39	24.34	77.0-78.0	21.17	2463.86	0.74	86.58
31.0-32.0	40.36	733.02	1.42	25.76	78.0-79.0	20.17	2484.02	0.71	87.29
32.0-33.0	41.02	774.04	1.44	27.20	79.0-80.0	19.17	2503.20	0.67	87.96
33.0-34.0	41.62	815.66	1.46	28.66	80.0-81.0	18.19	2521.39	0.64	88.60
34.0-35.0	42.18	857.84	1.48	30.14	81.0-82.0	17.23	2538.62	0.61	89.21
35.0-36.0	42.67	900.51	1.50	31.64	82.0-83.0	16.29	2554.92	0.57	89.78
36.0-37.0	43.12	943.63	1.52	33.16	83.0-84.0	15.39	2570.30	0.54	90.32
37.0-38.0	43.51	987.14	1.53	34.69	84.0-85.0	14.51	2584.81	0.51	90.83
38.0-39.0	43.84	1030.97	1.54	36.23	85.0-86.0	13.66	2598.47	0.48	91.31
39.0-40.0	44.11	1075.08	1.55	37.78	86.0-87.0	12.85	2611.32	0.45	91.76
40.0-41.0	44.32	1119.41	1.56	39.34	87.0-88.0	12.08	2623.40	0.42	92.19
41.0-42.0	44.48	1163.89	1.56	40.90	88.0-89.0	11.37	2634.77	0.40	92.59
42.0-43.0	44.59	1208.48	1.57	42.47	89.0-90.0	10.70	2645.48	0.38	92.96
43.0-44.0	44.64	1253.13	1.57	44.04	90.0-91.0	10.08	2655.56	0.35	93.32
44.0-45.0	44.64	1297.76	1.57	45.60	91.0-92.0	9.50	2665.06	0.33	93.65
45.0-46.0	44.57	1342.33	1.57	47.17	92.0-93.0	8.93	2673.99	0.31	93.97
46.0-47.0	44.45	1386.78	1.56	48.73	93.0-94.0	8.39	2682.39	0.29	94.26

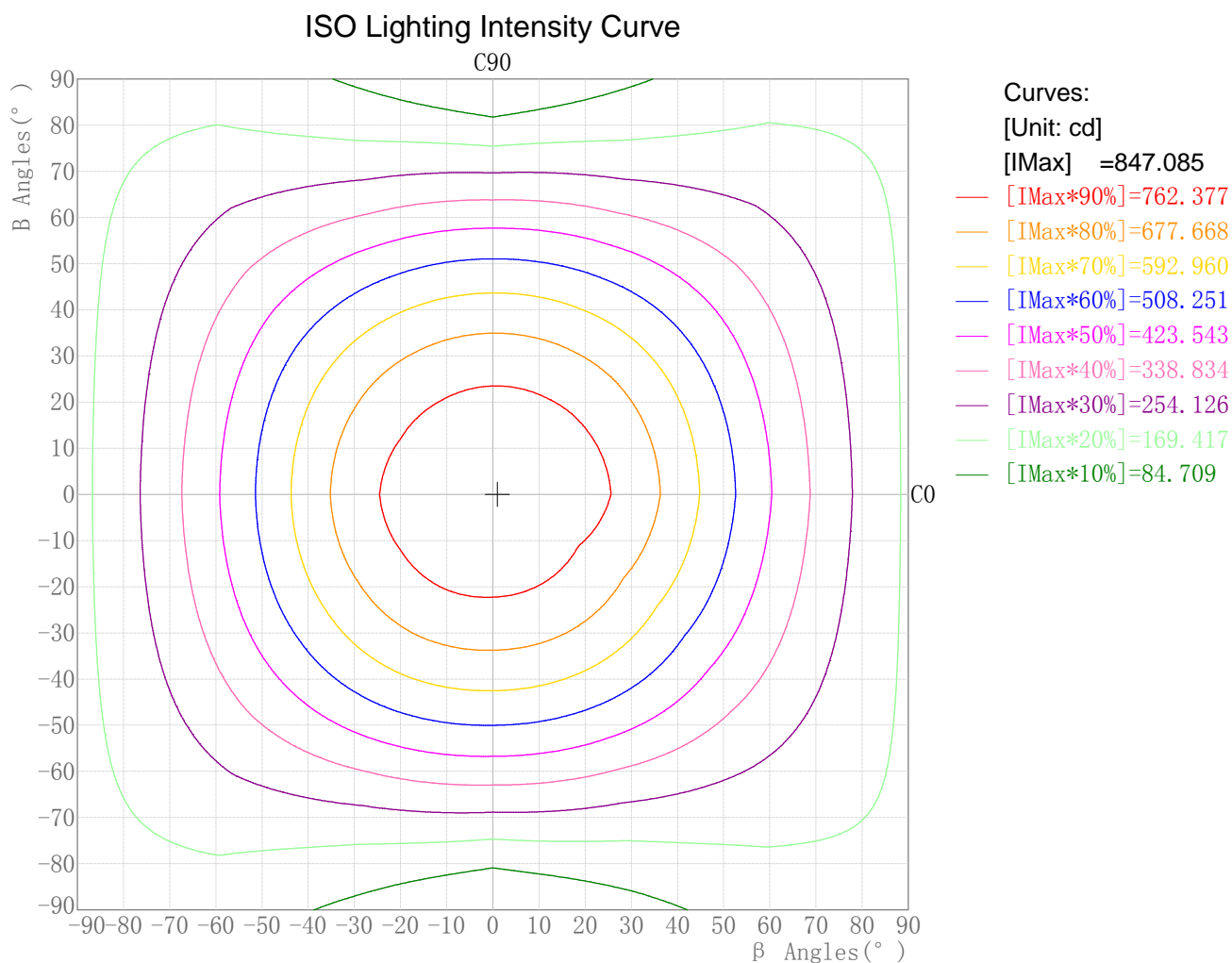
IES Indoor Report
Photometric Filename:40W 5700K.IES

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
94.0-95.0	7.87	2690.26	0.28	94.54	141.0-142.0	1.27	2819.57	0.04	99.08
95.0-96.0	7.38	2697.64	0.26	94.80	142.0-143.0	1.25	2820.82	0.04	99.12
96.0-97.0	6.92	2704.56	0.24	95.04	143.0-144.0	1.22	2822.04	0.04	99.17
97.0-98.0	6.48	2711.04	0.23	95.27	144.0-145.0	1.20	2823.24	0.04	99.21
98.0-99.0	6.07	2717.10	0.21	95.48	145.0-146.0	1.17	2824.42	0.04	99.25
99.0-100.0	5.68	2722.78	0.20	95.68	146.0-147.0	1.15	2825.56	0.04	99.29
100.0-101.0	5.31	2728.09	0.19	95.87	147.0-148.0	1.12	2826.69	0.04	99.33
101.0-102.0	4.98	2733.07	0.17	96.04	148.0-149.0	1.09	2827.78	0.04	99.37
102.0-103.0	4.66	2737.73	0.16	96.20	149.0-150.0	1.07	2828.85	0.04	99.41
103.0-104.0	4.37	2742.10	0.15	96.36	150.0-151.0	1.04	2829.89	0.04	99.44
104.0-105.0	4.09	2746.19	0.14	96.50	151.0-152.0	1.01	2830.90	0.04	99.48
105.0-106.0	3.82	2750.01	0.13	96.64	152.0-153.0	0.98	2831.88	0.03	99.51
106.0-107.0	3.56	2753.57	0.13	96.76	153.0-154.0	0.95	2832.83	0.03	99.55
107.0-108.0	3.34	2756.90	0.12	96.88	154.0-155.0	0.92	2833.76	0.03	99.58
108.0-109.0	3.14	2760.05	0.11	96.99	155.0-156.0	0.90	2834.65	0.03	99.61
109.0-110.0	2.98	2763.03	0.10	97.09	156.0-157.0	0.87	2835.52	0.03	99.64
110.0-111.0	2.82	2765.84	0.10	97.19	157.0-158.0	0.84	2836.35	0.03	99.67
111.0-112.0	2.68	2768.52	0.09	97.29	158.0-159.0	0.80	2837.16	0.03	99.70
112.0-113.0	2.55	2771.07	0.09	97.38	159.0-160.0	0.77	2837.93	0.03	99.73
113.0-114.0	2.43	2773.49	0.09	97.46	160.0-161.0	0.74	2838.67	0.03	99.75
114.0-115.0	2.32	2775.81	0.08	97.54	161.0-162.0	0.70	2839.37	0.02	99.78
115.0-116.0	2.22	2778.04	0.08	97.62	162.0-163.0	0.67	2840.04	0.02	99.80
116.0-117.0	2.13	2780.17	0.08	97.70	163.0-164.0	0.63	2840.67	0.02	99.82
117.0-118.0	2.05	2782.22	0.07	97.77	164.0-165.0	0.60	2841.27	0.02	99.84
118.0-119.0	1.98	2784.20	0.07	97.84	165.0-166.0	0.56	2841.84	0.02	99.86
119.0-120.0	1.92	2786.12	0.07	97.91	166.0-167.0	0.53	2842.37	0.02	99.88
120.0-121.0	1.86	2787.98	0.07	97.97	167.0-168.0	0.49	2842.86	0.02	99.90
121.0-122.0	1.80	2789.78	0.06	98.03	168.0-169.0	0.45	2843.31	0.02	99.91
122.0-123.0	1.75	2791.53	0.06	98.10	169.0-170.0	0.42	2843.73	0.01	99.93
123.0-124.0	1.71	2793.24	0.06	98.16	170.0-171.0	0.38	2844.10	0.01	99.94
124.0-125.0	1.67	2794.91	0.06	98.21	171.0-172.0	0.34	2844.44	0.01	99.95
125.0-126.0	1.64	2796.55	0.06	98.27	172.0-173.0	0.30	2844.74	0.01	99.97
126.0-127.0	1.61	2798.16	0.06	98.33	173.0-174.0	0.26	2845.01	0.01	99.97
127.0-128.0	1.58	2799.75	0.06	98.38	174.0-175.0	0.22	2845.23	0.01	99.98
128.0-129.0	1.56	2801.31	0.05	98.44	175.0-176.0	0.18	2845.41	0.01	99.99
129.0-130.0	1.54	2802.84	0.05	98.49	176.0-177.0	0.14	2845.55	0.00	99.99
130.0-131.0	1.51	2804.36	0.05	98.55	177.0-178.0	0.10	2845.65	0.00	100.00
131.0-132.0	1.49	2805.85	0.05	98.60	178.0-179.0	0.06	2845.71	0.00	100.00
132.0-133.0	1.47	2807.32	0.05	98.65	179.0-180.0	0.02	2845.73	0.00	100.00
133.0-134.0	1.45	2808.77	0.05	98.70					
134.0-135.0	1.43	2810.20	0.05	98.75					
135.0-136.0	1.41	2811.61	0.05	98.80					
136.0-137.0	1.38	2812.99	0.05	98.85					
137.0-138.0	1.36	2814.35	0.05	98.90					
138.0-139.0	1.34	2815.69	0.05	98.94					
139.0-140.0	1.32	2817.01	0.05	98.99					
140.0-141.0	1.29	2818.30	0.05	99.04					

Rectangle ISO Lighting Intensity Diagram

Lum. Name: 40W 5700K	Lum. Catalog:	Test ID: 001
Lamp Name:	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2019/04/12

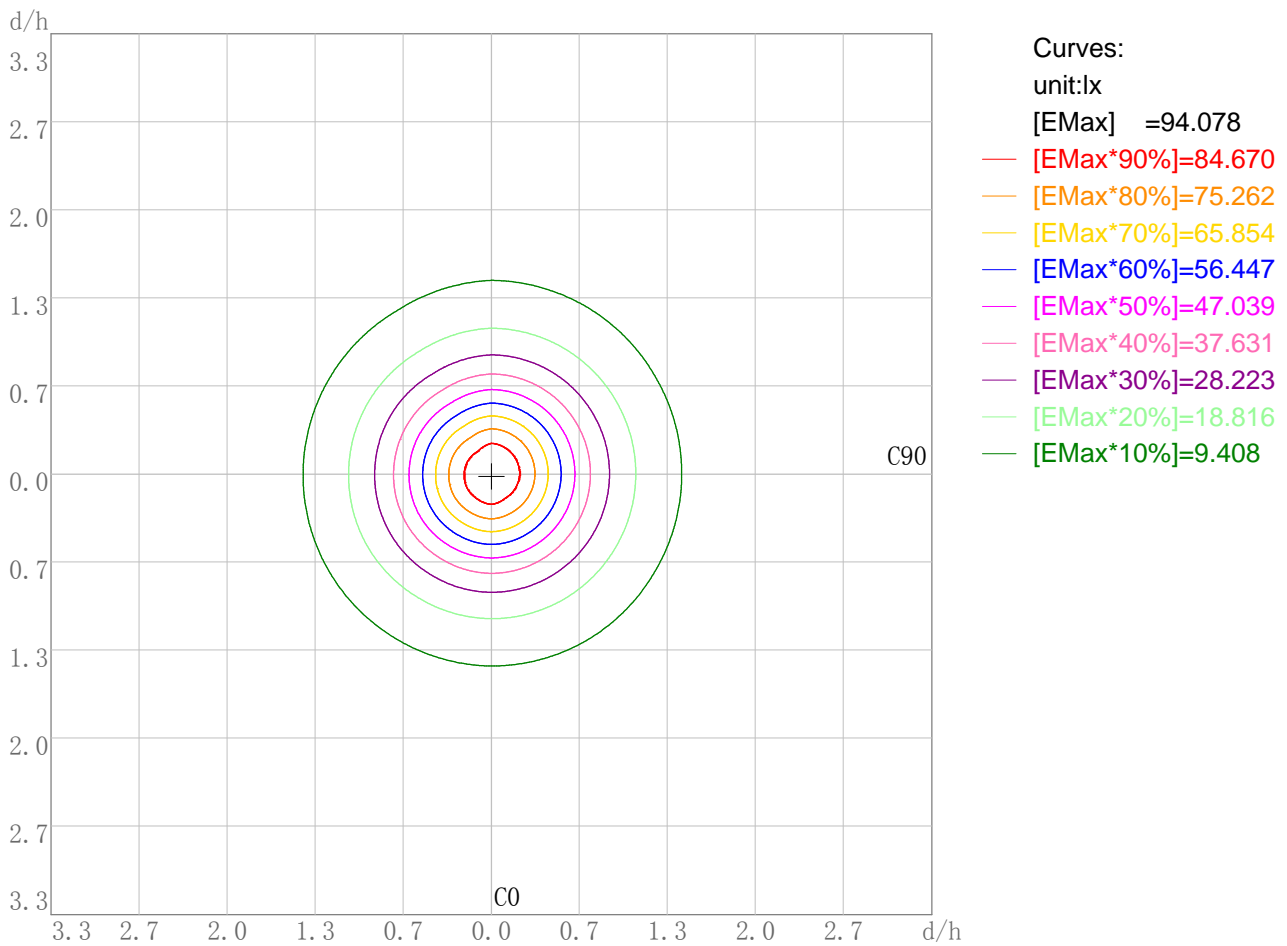


Maximum Light Intensity(cd): 847.09
 Maximum Cand.@Angle: H=1.0°;V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name: 40W 5700K	Lum. Catalog:	Test ID: 001
Lamp Name:	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2019/04/12

Plane ISO-Illuminance Curve

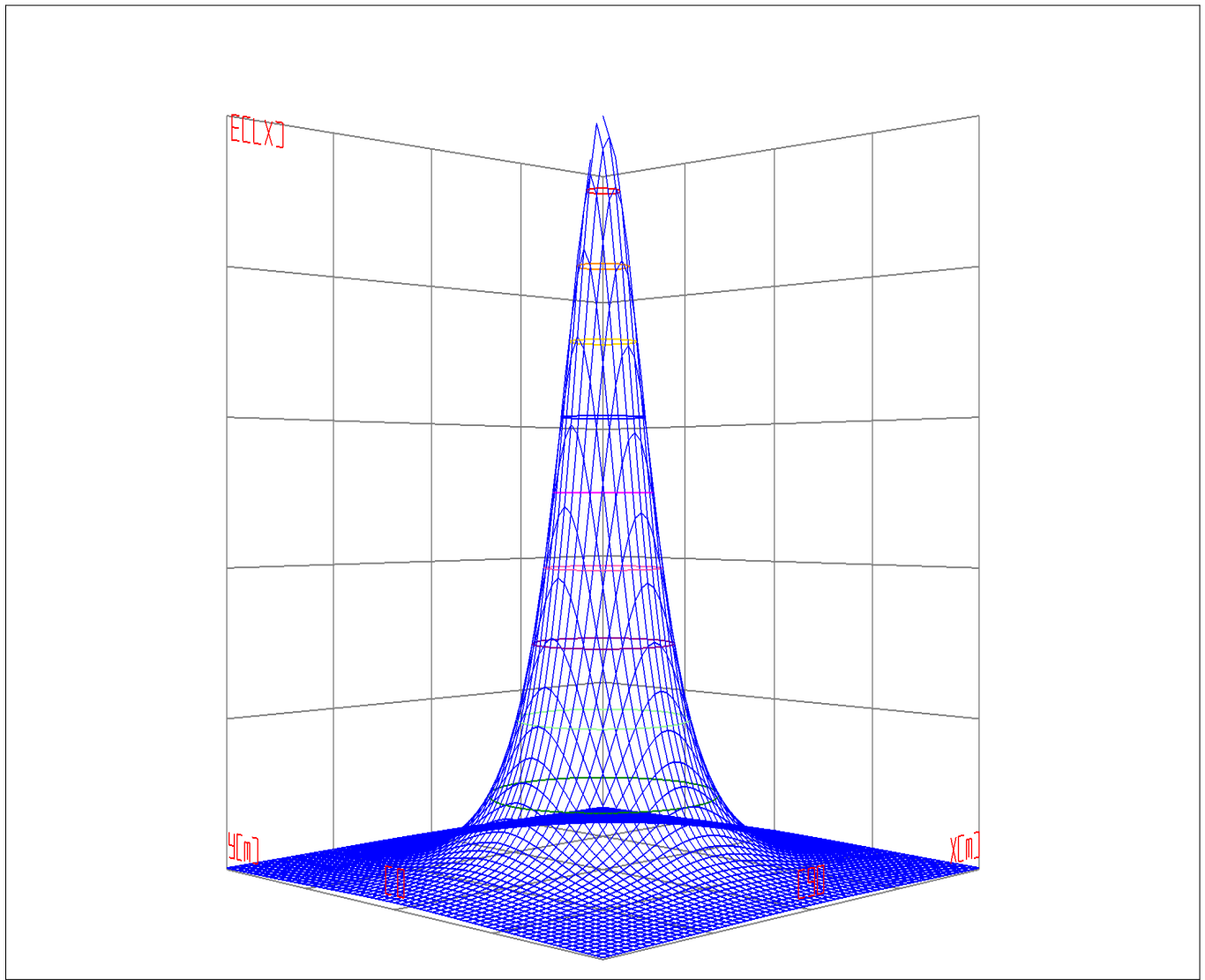


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 94.08
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name: 40W 5700K	Lum. Catalog:	Test ID: 001
Lamp Name:	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2019/04/12

3D Plane Illuminance Modal

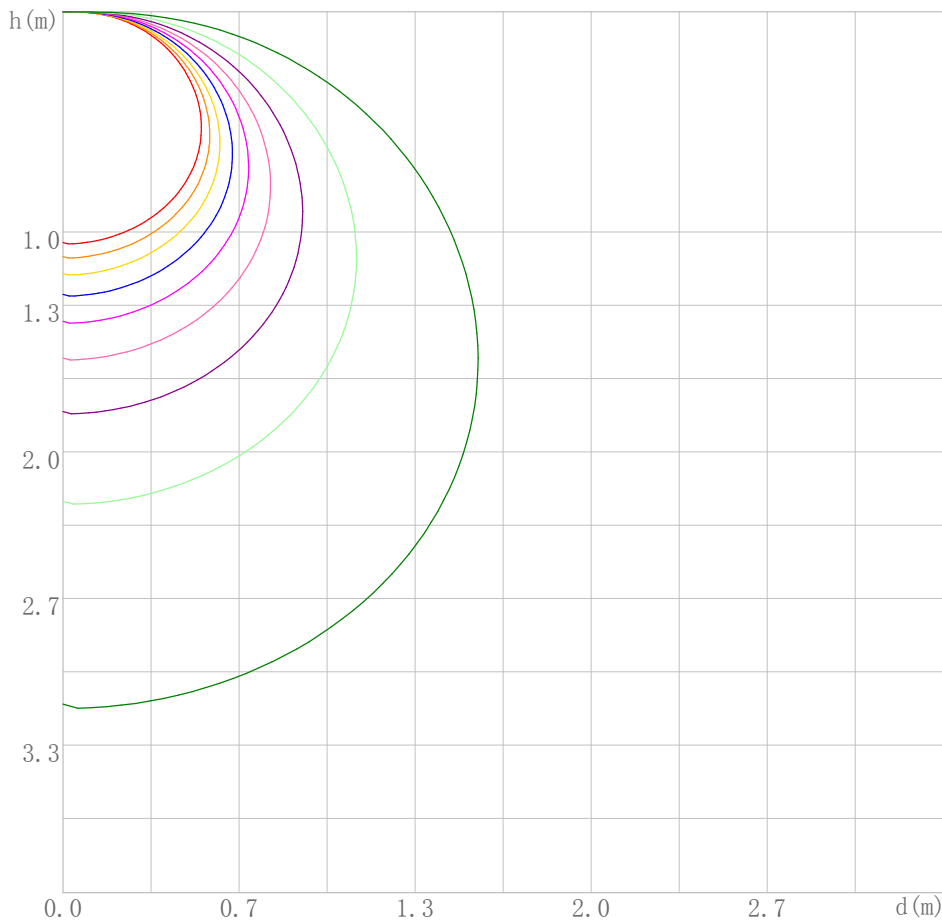


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: 40W 5700K	Lum. Catalog:	Test ID: 001
Lamp Name:	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2019/04/12

Space ISO Illuminance Curve



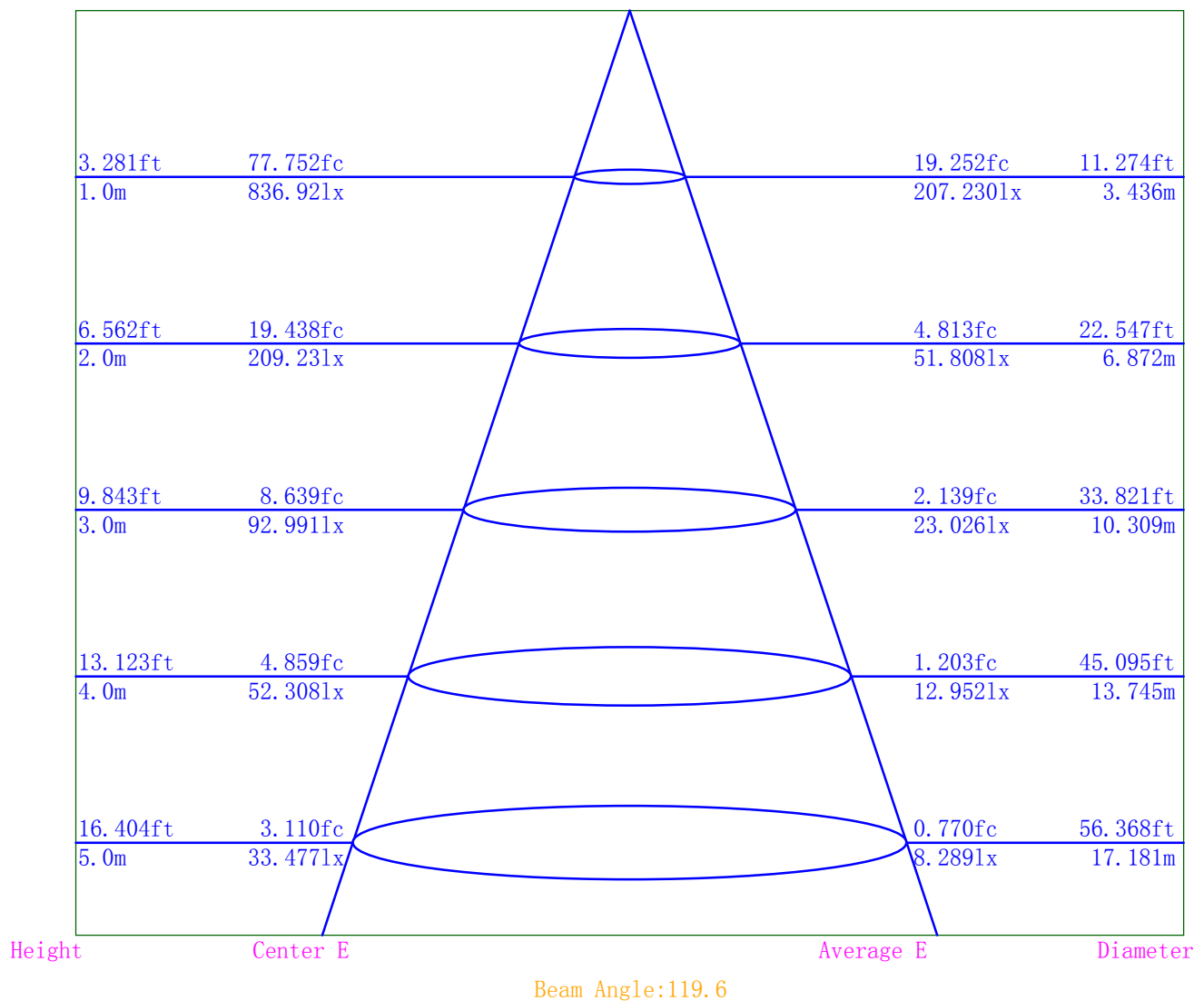
- Curves:
 [Unit: lx]
 [EMax] =846.698
- [EMax*90%]=762.028
 - [EMax*80%]=677.358
 - [EMax*70%]=592.689
 - [EMax*60%]=508.019
 - [EMax*50%]=423.349
 - [EMax*40%]=338.679
 - [EMax*30%]=254.009
 - [EMax*20%]=169.340
 - [EMax*10%]=84.670

Space Plane Maximum Illuminance and @Angle:846.70lx,1.0deg
 Plane Maximum Lighting Intensity and @Angle:847.085cd,0deg

Illuminance-Distance Diagram

Lum. Name: 40W 5700K	Lum. Catalog:	Test ID: 001
Lamp Name:	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2019/04/12

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name: 40W 5700K	Lum. Catalog:	Test ID: 001
Lamp Name:	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2019/04/12

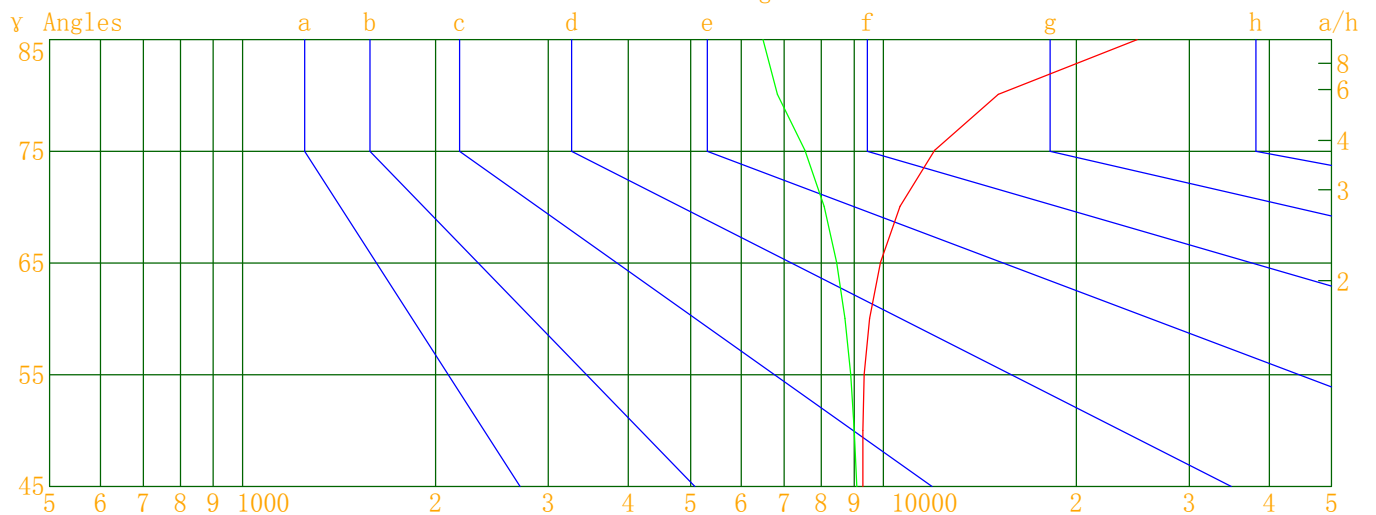
Glare Grade Table

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	a				2000	1000	500	<=300
			b	c	d	e	f	g	h

Luminance Table

Gama (deg)	45	50	55	60	65	70	75	80	85
C0	9285	9282	9334	9514	9891	10615	12010	15105	24868
C90	9087	9008	8888	8713	8456	8079	7545	6829	6484

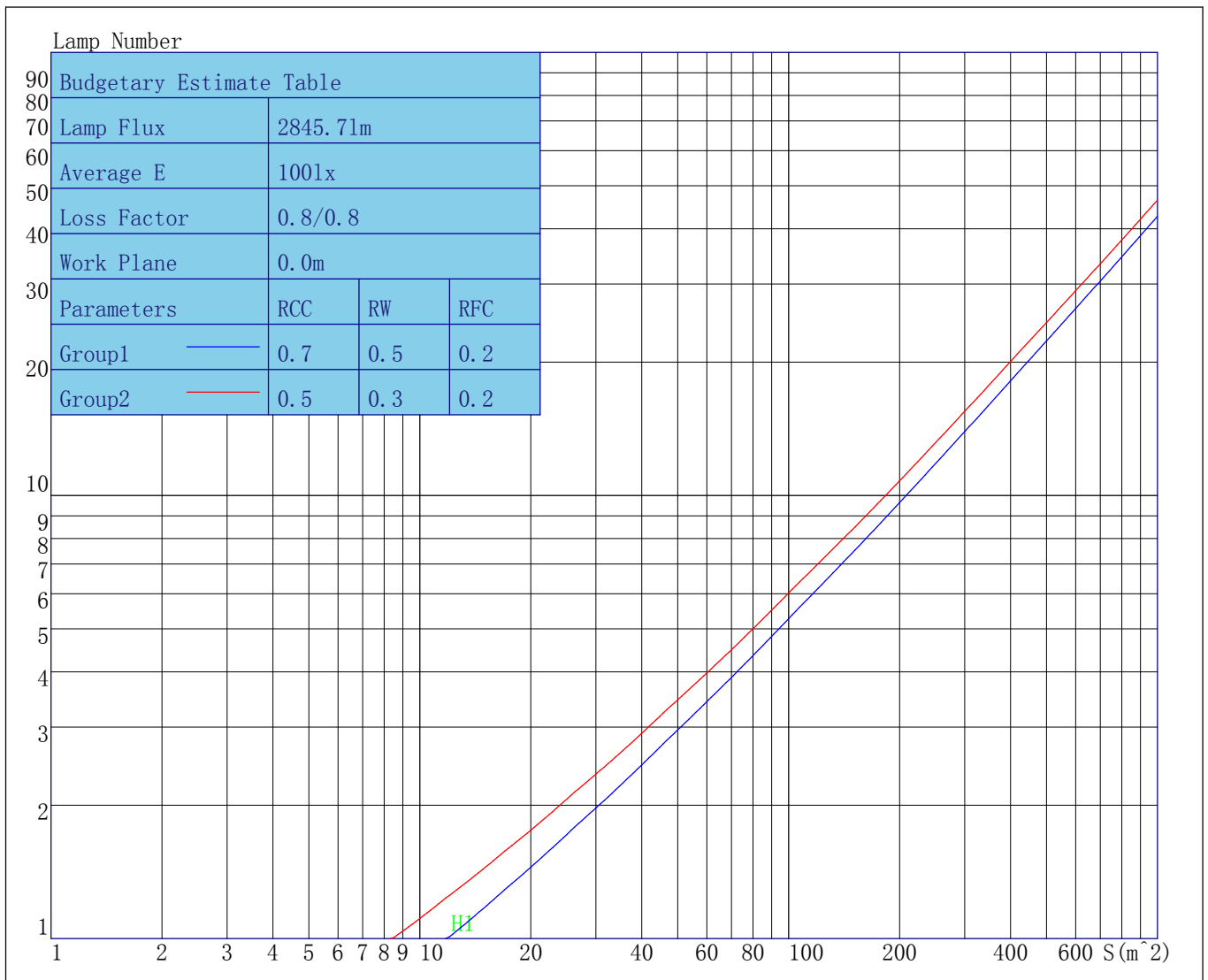
Luminance Limiting Curve



Luminous Size: Length(m)=1.200 Width(m)=0.075 Height(m)=0.000 Area(m^2)=0.090000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: ——— C90-C270 Color: ———

Indoor Budgetary Estimate Table

Lum. Name: 40W 5700K	Lum. Catalog:	Test ID: 001
Lamp Name:	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2019/04/12



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

Lum. Name: 40W 5700K	Lum. Catalog:	Test ID: 001
Lamp Name:	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine: GON-2000	Test Date: 2019/04/12

Coefficients of Utilization - Zonal Cavity Method																		
Coef.	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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93
1	106	100	95	91	102	97	93	89	91	88	85	86	83	81	82	79	77	74
2	95	86	79	73	92	84	77	71	79	74	69	75	70	66	71	67	63	61
3	87	75	67	60	83	73	65	59	69	63	57	66	60	55	62	57	53	51
4	79	67	57	50	76	65	56	50	61	54	48	58	52	47	55	50	45	43
5	73	59	50	43	70	58	49	43	55	47	41	52	46	40	50	44	39	37
6	67	53	44	37	65	52	43	37	49	42	36	47	40	35	45	39	34	32
7	62	48	39	33	60	47	39	33	45	37	32	43	36	31	41	35	30	28
8	58	44	35	29	56	43	35	29	41	34	28	39	33	28	38	32	27	25
9	54	40	32	26	52	39	31	26	38	31	26	36	30	25	35	29	25	23
10	50	37	29	24	49	36	29	24	35	28	23	33	27	23	32	26	22	20

IES Indoor Report
Photometric Filename:40W 5700K.IES

Unified Glare Rating Table

Lum. Name: 40W 5700K	Lum. Catalog:	Test ID: 001
Lamp Name:	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine: GON-2000	Test Date: 2019/04/12

Unified Glare Rating Table

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	19.6	21.1	20.1	21.6	22.1	19.3	20.9	19.8	21.3	21.8
Y=3H	21.8	23.1	22.2	23.6	24.1	21.0	22.4	21.5	22.9	23.4
Y=4H	22.9	24.2	23.4	24.7	25.2	21.8	23.1	22.3	23.6	24.1
Y=6H	24.1	25.4	24.6	25.9	26.4	22.3	23.5	22.8	24.0	24.6
Y=8H	24.8	26.0	25.3	26.5	27.1	22.5	23.7	23.0	24.2	24.8
Y=12H	25.6	26.7	26.1	27.2	27.8	22.6	23.8	23.2	24.3	24.9
X=4H Y=2H	20.3	21.7	20.9	22.2	22.7	20.2	21.5	20.7	22.0	22.5
Y=3H	22.7	23.9	23.2	24.4	24.9	22.1	23.2	22.6	23.8	24.3
Y=4H	24.0	25.1	24.6	25.6	26.2	23.0	24.0	23.5	24.5	25.1
Y=6H	25.5	26.4	26.0	26.9	27.5	23.7	24.6	24.2	25.2	25.8
Y=8H	26.2	27.1	26.8	27.6	28.3	24.0	24.8	24.5	25.4	26.0
Y=12H	27.1	27.9	27.7	28.5	29.1	24.2	25.0	24.8	25.6	26.2
X=8H Y=4H	24.4	25.3	25.0	25.8	26.5	23.6	24.4	24.1	25.0	25.6
Y=6H	26.1	26.8	26.7	27.4	28.2	24.5	25.2	25.1	25.8	26.6
Y=8H	27.0	27.7	27.6	28.3	28.9	24.9	25.6	25.5	26.2	26.8
Y=12H	28.1	28.7	28.8	29.3	30.0	25.3	25.9	25.9	26.5	27.2
X=12H Y=4H	24.5	25.3	25.1	25.8	26.5	23.7	24.5	24.3	25.1	25.7
Y=6H	26.2	26.9	26.8	27.4	28.1	24.8	25.4	25.4	26.0	26.7
Y=8H	27.3	27.8	27.9	28.4	29.1	25.3	25.9	25.9	26.5	27.2
Variations with the objverver position at spacings										
S=1.0H	0.1/-0.1					0.4/-0.4				
S=1.5H	0.2/-0.2					0.6/-0.7				
S=2.0H	0.1/-0.2					0.7/-0.9				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	4.8					3.6				

o the CIE Pub. 117, data has been corrected, refers to the lamp's lumens 8.2flm.

IES Indoor Report
Photometric Filename:40W 5700K.IES

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
Y 0.0	836.92	836.92	836.92	836.92	836.92	836.92	836.92	836.92	836.92	836.92	836.92	836.92
Y 1.0	847.09	838.58	834.81	831.62	829.93	829.05	846.70	838.17	834.62	831.43	829.71	828.57
Y 2.0	847.02	838.33	834.49	831.40	829.73	828.82	846.36	837.56	833.77	830.96	829.00	827.91
Y 3.0	846.46	837.82	834.00	831.03	829.12	828.46	845.52	836.64	833.35	830.03	828.24	826.99
Y 4.0	845.46	837.13	833.06	830.17	828.18	827.71	844.32	835.51	832.36	828.99	827.19	825.78
Y 5.0	844.56	836.19	832.12	829.08	827.22	826.57	842.87	834.22	830.79	827.70	825.89	824.43
Y 6.0	843.14	834.62	830.47	827.89	826.07	825.36	841.23	832.56	829.17	825.77	824.31	822.69
Y 7.0	841.57	833.15	829.04	826.21	824.34	823.73	839.46	830.61	827.55	823.82	822.13	820.75
Y 8.0	839.61	831.25	827.09	824.34	822.60	822.03	837.31	828.30	825.22	821.77	820.20	818.49
Y 9.0	837.42	829.27	824.68	822.41	820.30	820.05	834.57	825.80	822.66	819.20	817.69	816.01
Y 10.0	834.87	826.98	822.52	819.93	817.96	817.74	832.03	823.04	820.27	816.56	815.04	813.15
Y 11.0	832.35	824.22	819.84	817.24	815.28	815.05	829.10	820.21	817.13	813.49	812.08	810.26
Y 12.0	829.21	821.57	816.56	814.39	812.26	812.10	825.72	816.90	813.82	810.36	808.86	806.76
Y 13.0	826.02	818.34	813.62	811.37	809.07	809.12	822.14	813.44	810.45	806.84	805.30	803.29
Y 14.0	822.41	814.99	810.25	807.86	805.58	805.73	818.46	809.46	806.86	802.93	801.61	799.40
Y 15.0	818.68	810.99	806.28	804.22	802.06	802.13	814.23	805.46	802.75	799.00	797.66	795.39
Y 16.0	814.70	806.95	802.28	800.18	797.91	798.19	809.93	801.22	798.61	794.85	793.35	790.99
Y 17.0	810.40	802.81	798.03	795.87	793.71	793.90	805.45	796.70	794.19	790.34	788.80	786.36
Y 18.0	805.79	798.34	793.62	791.29	789.37	789.58	800.41	791.69	789.60	785.50	784.20	781.55
Y 19.0	800.85	793.71	788.72	786.70	784.51	784.87	795.26	786.72	784.55	780.42	779.13	776.50
Y 20.0	795.71	788.68	783.71	781.81	779.53	779.97	790.18	781.43	779.38	775.14	774.07	771.18
Y 21.0	790.46	783.34	778.49	776.60	774.14	774.82	784.42	775.64	773.81	769.63	768.36	765.60
Y 22.0	784.76	777.85	772.70	771.01	768.73	769.19	778.43	769.59	768.15	763.90	762.37	759.72
Y 23.0	779.05	771.97	767.23	765.24	762.97	763.64	772.24	763.80	761.95	757.82	756.46	753.49
Y 24.0	772.80	766.14	761.09	759.35	757.04	757.60	765.85	757.37	755.66	751.47	750.10	747.15
Y 25.0	766.31	759.79	754.85	753.04	750.77	751.41	759.34	750.91	749.37	745.01	743.68	740.75
Y 26.0	759.71	753.33	748.39	746.47	744.29	744.88	752.42	744.07	742.58	738.23	737.04	733.80
Y 27.0	752.85	746.37	741.41	739.61	737.57	738.37	745.28	736.80	735.40	731.25	729.98	726.64
Y 28.0	745.63	739.62	734.42	732.71	730.55	731.19	737.91	729.48	728.27	723.89	722.72	719.53
Y 29.0	738.34	732.17	727.22	725.36	723.22	724.08	730.28	722.13	720.69	716.48	715.21	711.84
Y 30.0	730.70	724.76	719.81	718.09	715.89	716.84	722.05	714.18	712.98	708.71	707.50	704.12
Y 31.0	722.93	717.02	712.12	710.25	708.14	709.05	713.99	706.31	705.20	700.84	699.52	695.97
Y 32.0	714.84	708.96	703.95	702.47	700.26	701.10	705.77	698.12	697.18	692.77	691.31	687.82
Y 33.0	706.36	700.57	695.61	694.18	691.98	692.93	697.32	689.68	688.61	684.26	682.94	679.46
Y 34.0	697.98	692.16	687.32	685.84	683.46	684.63	688.54	680.71	680.02	675.53	674.27	670.63
Y 35.0	688.99	683.51	678.53	677.19	674.94	676.09	679.37	671.81	671.27	666.78	665.22	661.89
Y 36.0	680.21	674.79	669.57	668.06	666.05	667.22	670.29	662.74	662.07	657.66	656.21	652.71
Y 37.0	671.14	665.61	660.53	659.03	656.97	658.30	660.87	653.45	652.77	648.43	646.92	643.48
Y 38.0	661.49	656.27	651.16	649.89	647.65	648.95	651.31	643.84	643.49	638.77	637.39	634.00
Y 39.0	652.12	646.62	641.48	640.14	637.93	639.49	641.54	634.11	633.50	628.98	627.53	624.18
Y 40.0	642.09	636.82	631.72	630.24	628.34	629.72	631.50	624.08	623.55	618.89	617.48	614.26
Y 41.0	632.28	626.84	621.46	620.31	618.23	619.87	621.19	613.95	613.35	608.74	607.35	604.01
Y 42.0	622.04	616.63	611.44	610.23	608.25	609.80	610.81	603.68	602.80	598.41	596.95	593.96
Y 43.0	611.84	606.57	601.17	599.86	597.71	599.62	600.32	593.13	592.46	587.97	586.50	583.53
Y 44.0	601.46	596.05	590.43	589.24	587.07	589.11	589.71	582.53	581.72	577.20	575.63	573.10
Y 45.0	590.86	585.28	579.57	578.30	576.28	578.70	579.02	571.77	570.90	566.28	564.73	562.19
Y 46.0	580.22	574.45	568.49	567.24	565.42	567.70	568.05	560.83	559.77	554.81	553.55	551.32

IES Indoor Report
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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
Y 47.0	569.53	563.60	557.34	555.92	554.14	556.94	556.96	549.53	548.27	543.56	542.04	540.19
Y 48.0	558.77	552.51	545.98	544.51	542.92	545.93	546.04	538.47	536.72	532.16	530.61	529.14
Y 49.0	547.99	541.36	534.50	532.82	531.33	534.84	535.01	527.20	525.12	520.30	518.99	518.09
Y 50.0	536.98	529.98	522.63	521.12	519.65	523.62	523.93	515.81	513.22	508.37	507.27	506.92
Y 51.0	525.83	518.69	510.53	508.83	507.56	512.20	512.85	504.48	501.34	496.32	495.14	495.43
Y 52.0	514.72	507.29	498.58	496.50	495.56	500.81	501.70	492.81	488.87	483.89	482.96	484.09
Y 53.0	503.82	495.84	486.48	484.20	483.27	489.48	490.59	481.31	476.74	471.47	470.41	472.69
Y 54.0	492.76	484.30	474.02	471.58	471.07	478.05	479.41	469.75	464.20	458.96	457.92	461.09
Y 55.0	481.86	472.73	461.53	458.83	458.52	466.64	468.53	458.33	451.52	446.16	445.41	449.54
Y 56.0	470.94	461.42	448.58	445.79	445.77	455.36	457.76	446.86	438.90	433.14	432.78	438.18
Y 57.0	460.06	449.61	435.71	432.68	432.88	443.89	446.99	435.38	426.14	420.03	420.01	426.73
Y 58.0	449.32	437.96	422.84	419.13	419.93	432.50	436.10	424.00	412.90	406.53	406.85	415.23
Y 59.0	438.63	426.53	410.13	405.66	407.01	421.12	425.29	412.68	399.84	393.08	393.79	403.86
Y 60.0	428.13	415.24	396.86	392.08	394.08	410.07	414.66	401.44	386.73	379.47	380.63	392.74
Y 61.0	417.56	403.91	383.87	378.26	380.89	398.85	404.15	390.36	373.68	365.84	367.49	381.71
Y 62.0	407.05	392.74	370.68	364.37	367.77	387.93	393.70	379.37	360.49	352.11	354.34	370.78
Y 63.0	396.65	381.51	357.34	350.27	354.39	376.98	383.26	368.42	347.23	338.07	341.03	359.79
Y 64.0	386.25	370.65	344.09	335.95	341.42	365.99	372.89	357.35	333.97	323.60	327.71	349.02
Y 65.0	376.20	359.71	331.05	321.63	328.27	355.28	362.65	346.79	320.63	309.43	314.27	338.36
Y 66.0	366.33	349.06	317.87	307.32	315.28	344.80	352.65	336.33	307.64	295.26	301.39	327.78
Y 67.0	356.20	338.41	304.92	292.85	302.30	334.46	342.49	325.83	294.79	280.78	288.37	317.50
Y 68.0	346.16	328.05	291.88	278.19	289.52	324.08	332.82	315.50	281.92	266.42	275.46	307.15
Y 69.0	336.29	317.62	278.91	263.42	276.64	313.76	323.12	305.20	269.32	251.74	262.70	296.97
Y 70.0	326.76	307.10	266.23	248.70	264.15	303.57	313.31	295.18	256.66	237.08	249.94	286.88
Y 71.0	317.15	297.08	253.94	233.97	252.01	293.63	303.62	285.11	244.38	222.53	237.43	277.02
Y 72.0	307.59	287.22	241.89	219.45	240.03	283.78	294.24	275.30	232.38	207.95	225.15	267.23
Y 73.0	298.35	277.32	230.05	204.87	228.29	274.05	284.95	265.75	220.62	193.61	213.40	257.76
Y 74.0	289.07	267.67	218.28	190.32	216.67	264.59	275.86	256.30	209.20	179.03	201.90	248.29
Y 75.0	279.76	258.15	206.70	175.74	205.27	255.16	266.80	246.92	197.94	164.63	190.51	239.03
Y 76.0	270.85	248.73	195.57	161.26	194.30	245.84	257.85	237.61	186.90	150.38	179.36	229.93
Y 77.0	262.02	239.42	184.81	147.24	183.70	236.65	248.83	228.53	176.18	136.36	168.74	220.79
Y 78.0	253.21	230.48	174.57	133.37	173.46	227.93	240.21	219.65	165.85	122.63	158.17	212.12
Y 79.0	244.60	221.46	164.33	119.88	163.39	219.10	231.70	210.98	155.87	109.28	148.22	203.50
Y 80.0	236.07	212.69	154.46	106.72	153.64	210.52	223.19	202.45	146.19	96.27	138.54	194.91
Y 81.0	227.47	204.01	144.97	94.00	144.17	201.94	214.79	194.06	136.81	83.65	129.21	186.50
Y 82.0	219.18	195.44	135.85	81.90	135.18	193.58	206.60	185.76	127.75	71.75	120.17	178.24
Y 83.0	211.01	187.27	127.08	70.66	126.59	185.38	198.46	177.61	119.02	60.69	111.39	170.27
Y 84.0	202.90	179.13	118.80	60.35	118.35	177.43	190.41	169.67	110.56	50.38	103.11	162.39
Y 85.0	195.06	171.19	110.63	50.86	110.32	169.55	182.66	161.90	102.60	41.12	95.29	154.75
Y 86.0	187.19	163.37	102.76	42.51	102.61	161.93	175.03	154.29	95.01	33.10	87.81	147.31
Y 87.0	179.57	155.52	95.40	35.63	95.33	154.30	167.52	146.84	87.63	26.44	80.59	139.94
Y 88.0	172.00	148.12	88.38	30.35	88.44	146.98	160.05	139.59	80.70	21.43	73.82	132.77
Y 89.0	164.72	140.82	81.75	26.92	81.86	139.79	152.72	132.39	74.10	18.22	67.41	125.84
Y 90.0	157.43	133.72	75.63	24.68	75.82	132.82	145.63	125.49	67.90	16.50	61.41	119.01
Y 91.0	150.48	126.69	69.63	24.35	69.97	126.08	138.59	118.82	62.17	16.23	55.60	112.34
Y 92.0	143.45	119.99	63.94	24.18	64.42	119.44	131.77	112.27	56.65	16.15	50.53	105.83
Y 93.0	136.55	113.32	58.80	23.92	59.31	112.97	125.23	105.79	51.63	15.94	45.68	99.57

IES Indoor Report
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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
Y 94.0	129.87	106.87	54.01	23.76	54.58	106.67	118.68	99.50	46.78	15.85	41.10	93.56
Y 95.0	123.54	100.73	49.56	23.47	50.20	100.54	112.18	93.60	42.49	15.66	37.23	87.70
Y 96.0	117.26	94.87	45.72	23.32	46.38	94.75	105.92	87.88	38.64	15.57	33.56	82.02
Y 97.0	111.07	89.11	42.32	23.06	42.97	89.18	99.93	82.32	35.13	15.46	30.48	76.80
Y 98.0	104.96	83.67	39.15	22.91	39.81	83.73	94.30	77.13	32.08	15.32	27.78	71.66
Y 99.0	99.14	78.36	36.43	22.64	37.18	78.57	88.69	72.05	29.50	15.34	25.45	66.57
Y 100.0	93.61	73.32	33.94	22.50	34.69	73.49	83.27	67.01	27.08	15.31	23.32	61.97
Y 101.0	88.27	68.69	31.81	22.51	32.52	69.06	78.10	62.55	24.93	15.23	21.50	57.61
Y 102.0	83.21	64.29	29.99	22.28	30.64	64.70	73.12	58.43	23.07	15.25	20.00	53.68
Y 103.0	78.26	60.17	28.40	22.03	28.94	60.72	68.56	54.40	21.51	15.22	18.73	49.76
Y 104.0	73.54	56.27	26.97	21.89	27.55	56.73	64.10	50.76	20.24	15.18	17.62	46.30
Y 105.0	69.21	52.40	25.76	21.74	26.24	52.95	60.04	46.49	19.05	15.13	16.81	41.67
Y 106.0	64.96	48.18	24.72	21.47	25.16	48.49	55.95	42.65	18.09	15.08	16.07	38.21
Y 107.0	60.90	44.94	23.83	21.43	24.10	44.85	51.59	39.51	17.11	15.06	15.49	35.22
Y 108.0	56.23	41.79	23.22	21.24	23.49	41.87	47.61	36.76	16.53	15.04	15.12	32.75
Y 109.0	52.90	39.39	22.75	21.11	22.94	39.74	44.45	34.22	16.08	15.00	14.88	30.59
Y 110.0	49.51	37.12	22.32	20.96	22.33	37.51	41.28	32.01	15.64	15.06	14.78	28.53
Y 111.0	46.56	34.90	22.07	20.75	21.89	35.31	38.53	29.91	15.45	14.97	14.82	26.49
Y 112.0	43.71	32.68	21.90	20.74	21.61	33.15	36.03	28.11	15.25	15.07	14.84	24.73
Y 113.0	41.10	30.88	21.70	20.57	21.49	31.35	33.76	26.35	15.10	15.11	14.90	23.03
Y 114.0	38.71	29.24	21.62	20.41	21.35	29.63	31.42	24.73	15.01	15.11	14.94	21.78
Y 115.0	36.39	27.77	21.46	20.37	21.18	28.16	29.40	23.43	15.13	15.22	14.88	20.64
Y 116.0	34.22	26.41	21.28	20.27	20.99	26.99	27.63	22.25	15.01	15.39	14.95	19.63
Y 117.0	32.25	25.16	21.16	20.19	20.93	25.91	25.91	21.26	15.05	15.51	14.95	18.72
Y 118.0	30.51	24.15	21.07	20.09	20.76	24.75	24.31	20.34	15.18	15.47	14.99	17.96
Y 119.0	29.08	23.24	20.96	20.07	20.60	23.86	22.95	19.60	15.16	15.65	15.00	17.24
Y 120.0	27.61	22.53	20.85	20.11	20.60	23.15	21.79	18.84	15.26	15.59	15.07	16.86
Y 121.0	26.32	21.95	20.77	19.85	20.49	22.48	20.86	18.27	15.39	15.56	15.13	16.43
Y 122.0	25.16	21.37	20.63	19.80	20.36	22.03	19.88	17.66	15.45	15.65	15.07	16.10
Y 123.0	24.29	21.00	20.45	19.71	20.25	21.35	19.16	17.27	15.46	15.44	15.14	16.06
Y 124.0	23.39	20.73	20.35	19.71	20.14	20.87	18.55	16.91	15.54	15.55	15.20	16.06
Y 125.0	22.76	20.56	20.29	19.55	20.08	20.59	17.91	16.70	15.68	15.68	15.26	16.06
Y 126.0	22.27	20.44	20.21	19.55	20.04	20.42	17.44	16.63	15.71	15.62	15.28	16.05
Y 127.0	21.90	20.48	20.10	19.45	19.98	20.30	17.04	16.56	15.80	15.70	15.40	16.08
Y 128.0	21.58	20.41	20.06	19.43	19.83	20.13	16.72	16.61	15.74	15.79	15.55	16.11
Y 129.0	21.51	20.40	19.98	19.35	19.89	20.08	16.58	16.72	15.83	15.82	15.66	16.21
Y 130.0	21.46	20.31	19.90	19.31	19.70	20.16	16.50	16.85	15.93	15.92	15.70	16.23
Y 131.0	21.33	20.28	19.84	19.31	19.71	20.14	16.55	16.81	15.99	16.00	15.80	16.25
Y 132.0	21.17	20.17	19.83	19.38	19.67	20.12	16.63	16.79	16.12	16.11	15.90	16.33
Y 133.0	21.11	20.11	19.84	19.21	19.68	20.02	16.63	16.94	16.23	16.16	15.88	16.36
Y 134.0	21.09	20.11	19.86	19.23	19.60	20.03	16.73	17.09	16.43	16.28	16.06	16.40
Y 135.0	21.13	20.12	19.85	19.28	19.66	20.02	16.85	17.07	16.52	16.31	16.21	16.54
Y 136.0	21.03	20.08	19.80	19.31	19.58	19.96	16.97	17.11	16.67	16.48	16.26	16.61
Y 137.0	20.97	20.08	19.70	19.19	19.67	19.92	16.95	17.30	16.74	16.55	16.39	16.71
Y 138.0	20.93	20.01	19.67	19.31	19.74	19.84	17.09	17.30	16.96	16.69	16.64	16.82
Y 139.0	20.83	19.98	19.73	19.33	19.82	19.89	17.24	17.41	17.03	16.84	16.86	16.94
Y 140.0	20.81	19.92	19.74	19.35	19.79	19.85	17.32	17.34	17.14	16.89	17.02	17.04

