

Indoor Luminaire Photometric Data

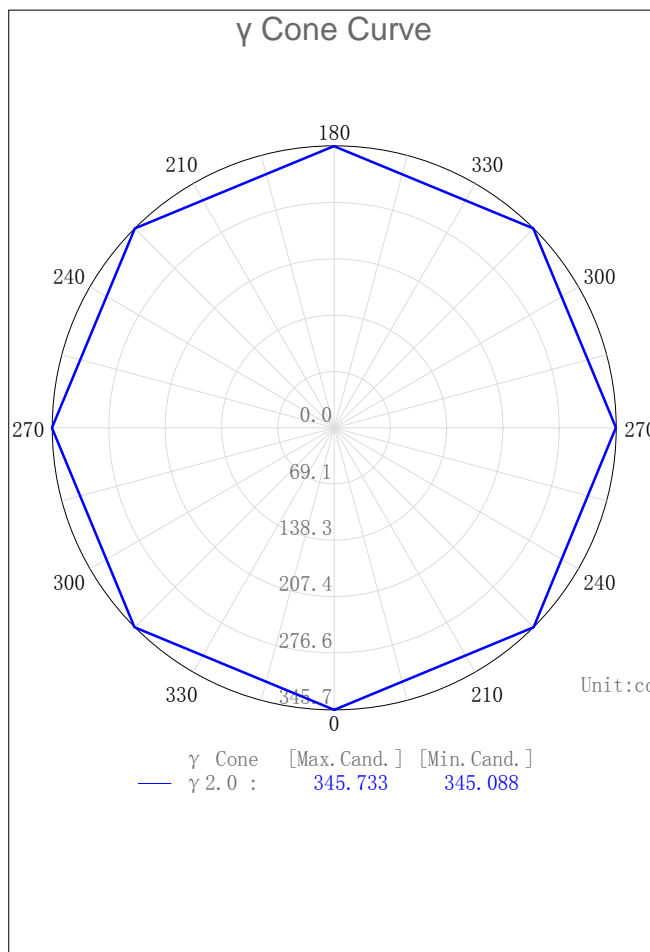
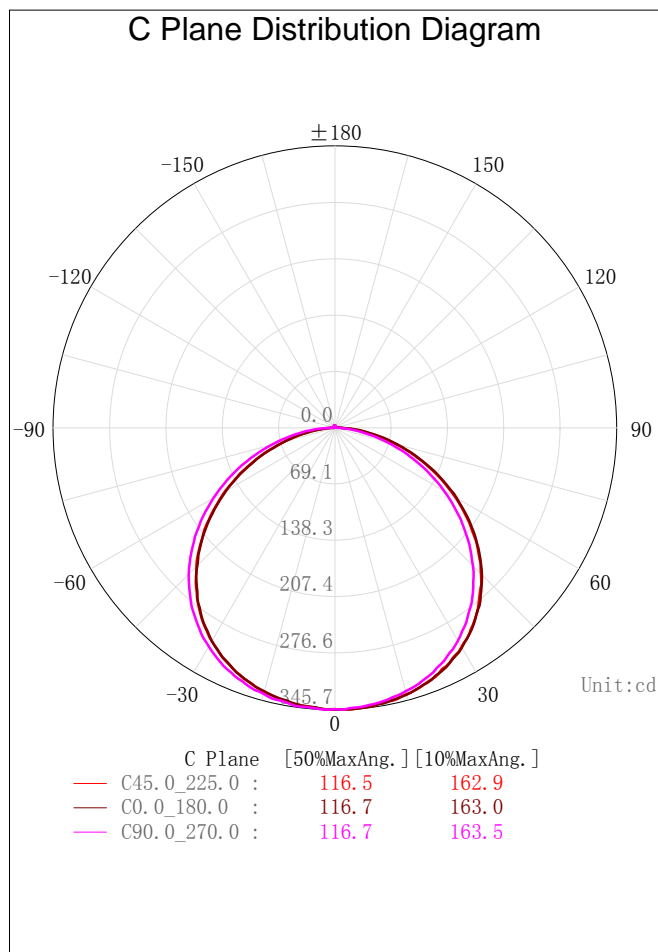
Description Information

Luminaire Name: 8542-5CCT-3500K		Lum. Catalog:	Test ID:
Lamp Name: RP Lighting + Fans		Lamp Catalog: LED Lamp	Test Date: 2022/06/19
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H): 0.125m*0.125m*0.000m		Lum. Area (m2): 0.016	Lum. W (kg): 3.000
Test System: C, γ	Test Step: C=45.0 γ =1.0	Temp. (°C): 25	Humidity (%): 60.0

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux (lm): 1055.500	Luminaire Flux (lm): 1055.500	Field Angle (10%Imax): 162.9(°)	
Rated Power (W):	Luminaire Efficiency: 100.00%	Down Lumens&Percent: 1045.088lm 99.01%	
Rated Voltage (V):	Luminaire EER (lm/W): 86.446	Up Lumens&Percent: 10.412lm 0.99%	
Tested Power (W): 12.210	Max. Candela (cd): 345.733	S/MH: C0_a180=1.315 C90_270=1.311	
Lamps' Inside: 1	Max Cand@Ang. (°): C=45.0 γ =2.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf): 120.3, 0.103, 0.986	Beam Angle (50%Imax): 116.5(°)	ErP Φ use (120°): 814.521lm	
Lamp Size (W*L*H): 0.125m*0.125m*0.000m	Left=-56.9(°), Right=59.6(°)	IRF (%): 100.919	

Lighting Distribution Diagram



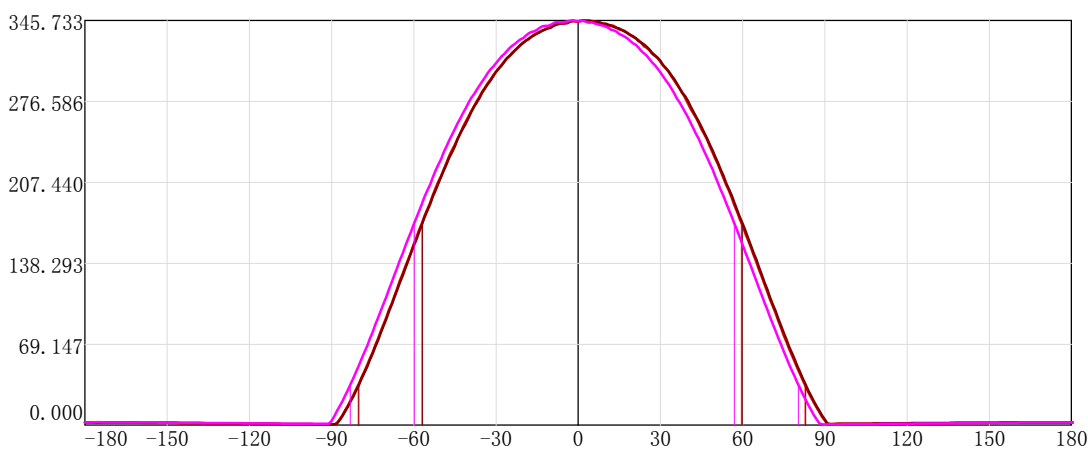
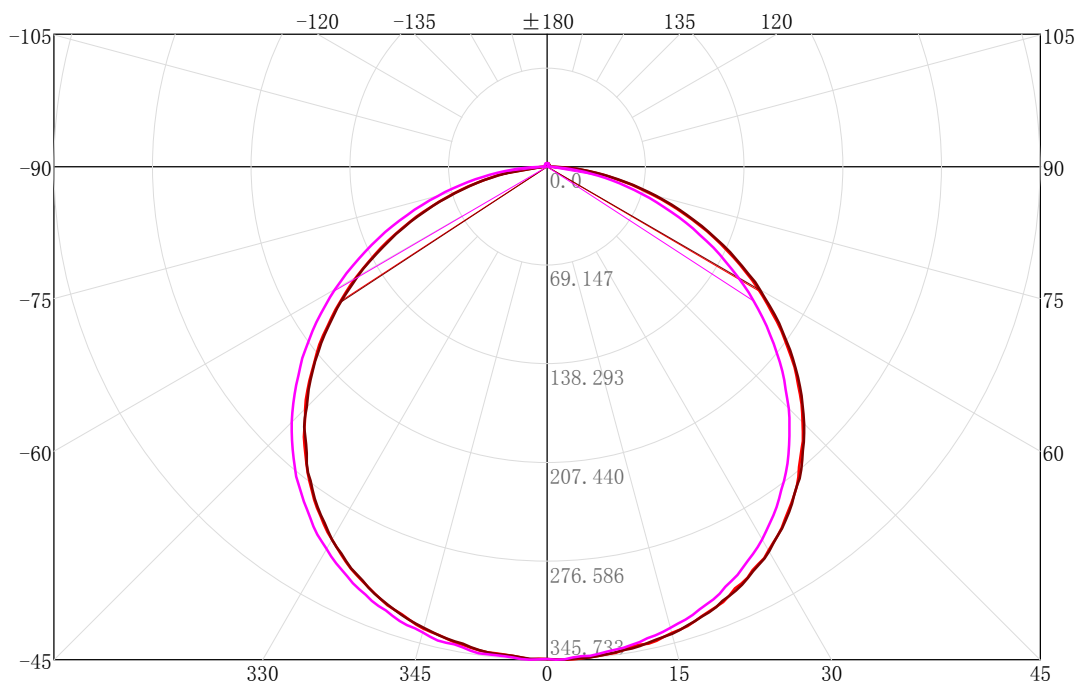
IES Indoor Report

Photometric Filename:8542-5CCT-3500K_IESNA2002.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: 8542-5CCT-3500K	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED Lamp	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/06/19

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C45.0_225.0 :	116.5	162.9	
—	C0.0_180.0 :	116.7	163.0	
—	C90.0_270.0 :	116.7	163.5	

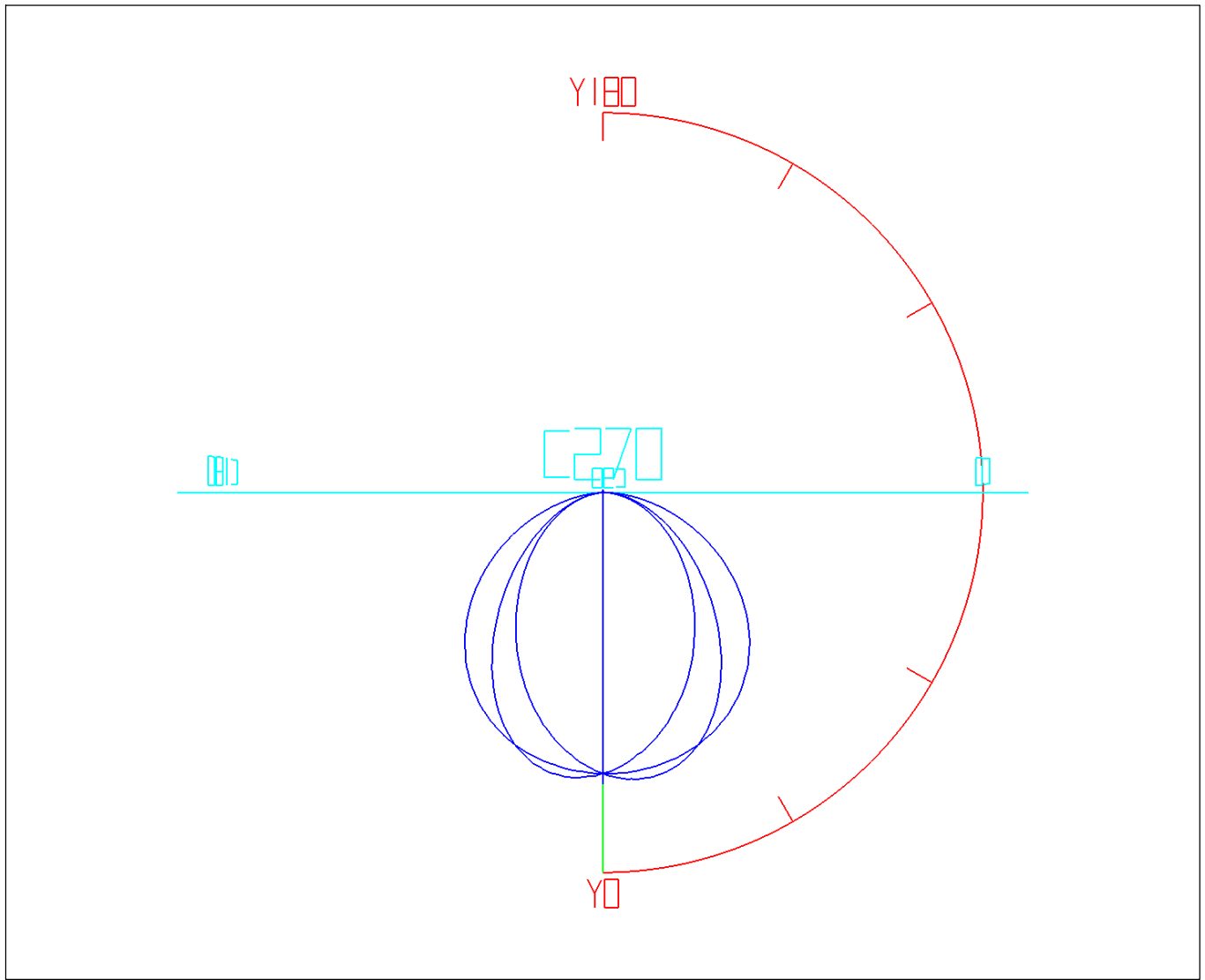
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3D Light Intensity Distribution Modal

Lum. Name: 8542-5CCT-3500K	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED Lamp	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/06/19

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:8542-5CCT-3500K_IESNA2002.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	0.33	0.33	0.03	0.03	47.0-48.0	18.90	18.90	1.79	1.79
1.0-2.0	0.99	1.32	0.09	0.13	48.0-49.0	18.77	37.68	1.78	3.57
2.0-3.0	1.65	2.97	0.16	0.28	49.0-50.0	18.62	56.29	1.76	5.33
3.0-4.0	2.31	5.28	0.22	0.50	50.0-51.0	18.44	74.73	1.75	7.08
4.0-5.0	2.96	8.24	0.28	0.78	51.0-52.0	18.23	92.96	1.73	8.81
5.0-6.0	3.62	11.86	0.34	1.12	52.0-53.0	18.00	110.96	1.71	10.51
6.0-7.0	4.27	16.13	0.40	1.53	53.0-54.0	17.73	128.69	1.68	12.19
7.0-8.0	4.91	21.04	0.47	1.99	54.0-55.0	17.44	146.13	1.65	13.84
8.0-9.0	5.55	26.59	0.53	2.52	55.0-56.0	17.14	163.27	1.62	15.47
9.0-10.0	6.18	32.77	0.59	3.11	56.0-57.0	16.80	180.07	1.59	17.06
10.0-11.0	6.81	39.58	0.65	3.75	57.0-58.0	16.44	196.50	1.56	18.62
11.0-12.0	7.43	47.02	0.70	4.45	58.0-59.0	16.06	212.56	1.52	20.14
12.0-13.0	8.05	55.07	0.76	5.22	59.0-60.0	15.66	228.22	1.48	21.62
13.0-14.0	8.66	63.73	0.82	6.04	60.0-61.0	15.24	243.46	1.44	23.07
14.0-15.0	9.25	72.98	0.88	6.91	61.0-62.0	14.79	258.25	1.40	24.47
15.0-16.0	9.84	82.82	0.93	7.85	62.0-63.0	14.32	272.57	1.36	25.82
16.0-17.0	10.42	93.24	0.99	8.83	63.0-64.0	13.84	286.42	1.31	27.14
17.0-18.0	10.99	104.23	1.04	9.87	64.0-65.0	13.36	299.78	1.27	28.40
18.0-19.0	11.54	115.77	1.09	10.97	65.0-66.0	12.85	312.63	1.22	29.62
19.0-20.0	12.08	127.84	1.14	12.11	66.0-67.0	12.32	324.95	1.17	30.79
20.0-21.0	12.61	140.45	1.19	13.31	67.0-68.0	11.78	336.73	1.12	31.90
21.0-22.0	13.12	153.57	1.24	14.55	68.0-69.0	11.24	347.97	1.06	32.97
22.0-23.0	13.61	167.18	1.29	15.84	69.0-70.0	10.68	358.65	1.01	33.98
23.0-24.0	14.09	181.27	1.33	17.17	70.0-71.0	10.12	368.77	0.96	34.94
24.0-25.0	14.55	195.82	1.38	18.55	71.0-72.0	9.54	378.31	0.90	35.84
25.0-26.0	15.00	210.82	1.42	19.97	72.0-73.0	8.97	387.28	0.85	36.69
26.0-27.0	15.42	226.25	1.46	21.44	73.0-74.0	8.38	395.66	0.79	37.49
27.0-28.0	15.83	242.08	1.50	22.93	74.0-75.0	7.80	403.46	0.74	38.22
28.0-29.0	16.22	258.30	1.54	24.47	75.0-76.0	7.22	410.68	0.68	38.91
29.0-30.0	16.60	274.90	1.57	26.04	76.0-77.0	6.64	417.31	0.63	39.54
30.0-31.0	16.93	291.83	1.60	27.65	77.0-78.0	6.07	423.38	0.57	40.11
31.0-32.0	17.25	309.08	1.63	29.28	78.0-79.0	5.50	428.88	0.52	40.63
32.0-33.0	17.56	326.64	1.66	30.95	79.0-80.0	4.94	433.82	0.47	41.10
33.0-34.0	17.83	344.47	1.69	32.64	80.0-81.0	4.39	438.20	0.42	41.52
34.0-35.0	18.08	362.55	1.71	34.35	81.0-82.0	3.85	442.05	0.36	41.88
35.0-36.0	18.30	380.85	1.73	36.08	82.0-83.0	3.32	445.37	0.31	42.20
36.0-37.0	18.50	399.35	1.75	37.83	83.0-84.0	2.81	448.18	0.27	42.46
37.0-38.0	18.68	418.03	1.77	39.60	84.0-85.0	2.31	450.49	0.22	42.68
38.0-39.0	18.83	436.86	1.78	41.39	85.0-86.0	1.83	452.32	0.17	42.85
39.0-40.0	18.94	455.80	1.79	43.18	86.0-87.0	1.38	453.70	0.13	42.98
40.0-41.0	19.02	474.82	1.80	44.99	87.0-88.0	0.96	454.66	0.09	43.08
41.0-42.0	19.09	493.91	1.81	46.79	88.0-89.0	0.63	455.28	0.06	43.13
42.0-43.0	19.14	513.05	1.81	48.61	89.0-90.0	0.40	455.68	0.04	43.17
43.0-44.0	19.15	532.19	1.81	50.42	90.0-91.0	0.21	455.89	0.02	43.19
44.0-45.0	19.13	551.32	1.81	52.23	91.0-92.0	0.12	456.02	0.01	43.20
45.0-46.0	19.08	570.40	1.81	54.04	92.0-93.0	0.12	456.13	0.01	43.21
46.0-47.0	19.01	589.41	1.80	55.84	93.0-94.0	0.12	456.25	0.01	43.23

IES Indoor Report

Photometric Filename:8542-5CCT-3500K_IESNA2002.IES

Zonal Flux Tabulation - (Cont.)

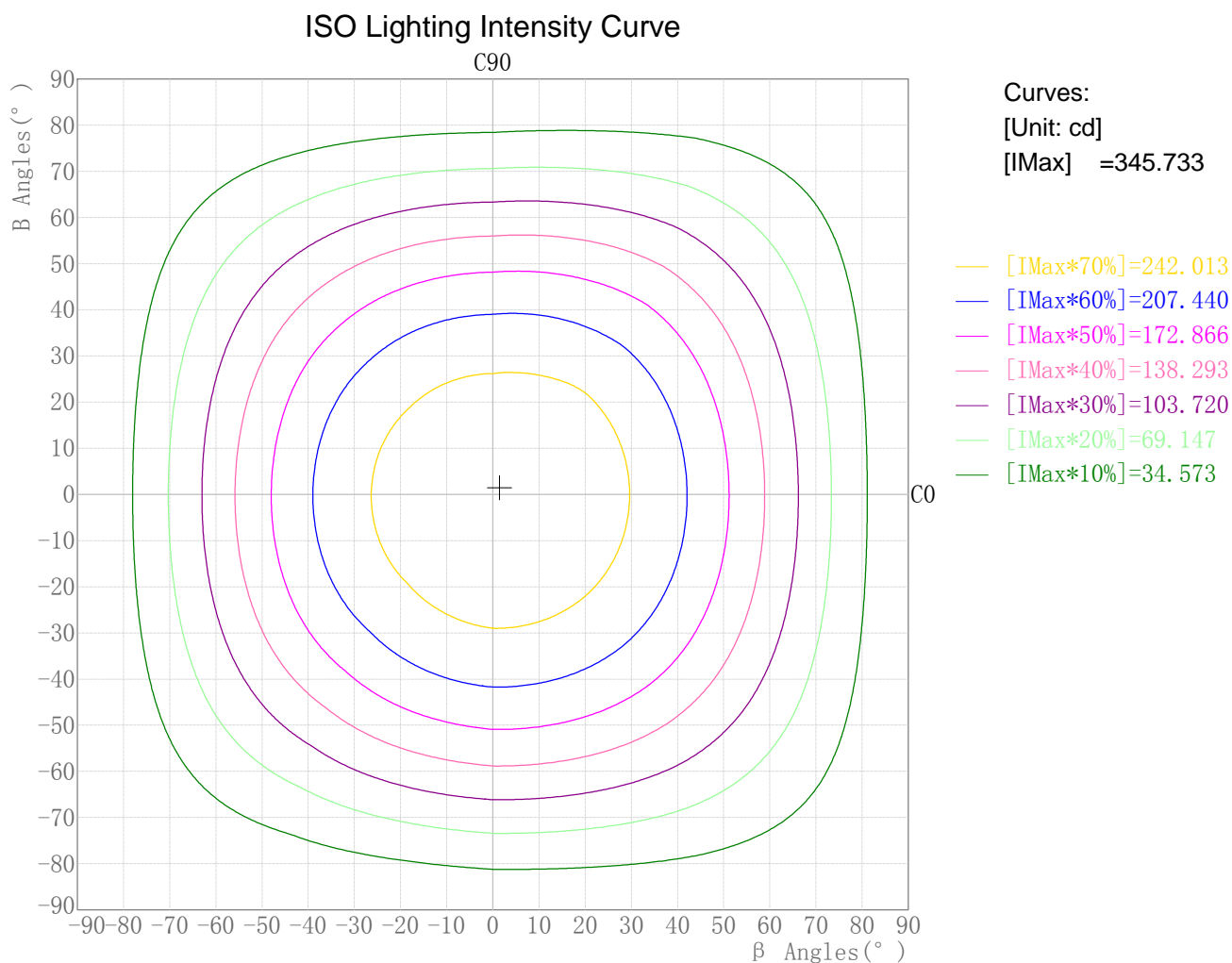
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.12	0.12	0.01	0.01	141.0-142.0	0.14	0.14	0.01	0.01
95.0-96.0	0.12	0.24	0.01	0.02	142.0-143.0	0.14	0.27	0.01	0.03
96.0-97.0	0.12	0.36	0.01	0.03	143.0-144.0	0.13	0.41	0.01	0.04
97.0-98.0	0.12	0.48	0.01	0.05	144.0-145.0	0.13	0.54	0.01	0.05
98.0-99.0	0.12	0.61	0.01	0.06	145.0-146.0	0.13	0.67	0.01	0.06
99.0-100.0	0.13	0.73	0.01	0.07	146.0-147.0	0.13	0.80	0.01	0.08
100.0-101.0	0.13	0.86	0.01	0.08	147.0-148.0	0.13	0.92	0.01	0.09
101.0-102.0	0.13	0.99	0.01	0.09	148.0-149.0	0.12	1.05	0.01	0.10
102.0-103.0	0.13	1.12	0.01	0.11	149.0-150.0	0.12	1.17	0.01	0.11
103.0-104.0	0.13	1.26	0.01	0.12	150.0-151.0	0.12	1.29	0.01	0.12
104.0-105.0	0.13	1.39	0.01	0.13	151.0-152.0	0.12	1.41	0.01	0.13
105.0-106.0	0.14	1.53	0.01	0.14	152.0-153.0	0.11	1.52	0.01	0.14
106.0-107.0	0.14	1.67	0.01	0.16	153.0-154.0	0.11	1.63	0.01	0.15
107.0-108.0	0.14	1.81	0.01	0.17	154.0-155.0	0.11	1.74	0.01	0.17
108.0-109.0	0.14	1.95	0.01	0.18	155.0-156.0	0.11	1.85	0.01	0.17
109.0-110.0	0.14	2.09	0.01	0.20	156.0-157.0	0.10	1.95	0.01	0.18
110.0-111.0	0.14	2.23	0.01	0.21	157.0-158.0	0.10	2.05	0.01	0.19
111.0-112.0	0.14	2.38	0.01	0.23	158.0-159.0	0.09	2.14	0.01	0.20
112.0-113.0	0.15	2.52	0.01	0.24	159.0-160.0	0.09	2.23	0.01	0.21
113.0-114.0	0.15	2.67	0.01	0.25	160.0-161.0	0.09	2.32	0.01	0.22
114.0-115.0	0.15	2.82	0.01	0.27	161.0-162.0	0.08	2.40	0.01	0.23
115.0-116.0	0.15	2.96	0.01	0.28	162.0-163.0	0.08	2.48	0.01	0.24
116.0-117.0	0.15	3.11	0.01	0.29	163.0-164.0	0.08	2.56	0.01	0.24
117.0-118.0	0.15	3.26	0.01	0.31	164.0-165.0	0.07	2.63	0.01	0.25
118.0-119.0	0.15	3.41	0.01	0.32	165.0-166.0	0.07	2.70	0.01	0.26
119.0-120.0	0.15	3.56	0.01	0.34	166.0-167.0	0.06	2.76	0.01	0.26
120.0-121.0	0.15	3.72	0.01	0.35	167.0-168.0	0.06	2.82	0.01	0.27
121.0-122.0	0.15	3.87	0.01	0.37	168.0-169.0	0.05	2.88	0.01	0.27
122.0-123.0	0.15	4.02	0.01	0.38	169.0-170.0	0.05	2.93	0.00	0.28
123.0-124.0	0.15	4.17	0.01	0.40	170.0-171.0	0.05	2.97	0.00	0.28
124.0-125.0	0.15	4.32	0.01	0.41	171.0-172.0	0.04	3.01	0.00	0.29
125.0-126.0	0.15	4.47	0.01	0.42	172.0-173.0	0.04	3.05	0.00	0.29
126.0-127.0	0.15	4.63	0.01	0.44	173.0-174.0	0.03	3.08	0.00	0.29
127.0-128.0	0.15	4.78	0.01	0.45	174.0-175.0	0.03	3.11	0.00	0.29
128.0-129.0	0.15	4.93	0.01	0.47	175.0-176.0	0.02	3.13	0.00	0.30
129.0-130.0	0.15	5.08	0.01	0.48	176.0-177.0	0.02	3.15	0.00	0.30
130.0-131.0	0.15	5.23	0.01	0.50	177.0-178.0	0.01	3.16	0.00	0.30
131.0-132.0	0.15	5.38	0.01	0.51	178.0-179.0	0.01	3.17	0.00	0.30
132.0-133.0	0.15	5.53	0.01	0.52	179.0-180.0	0.00	3.17	0.00	0.30
133.0-134.0	0.15	5.67	0.01	0.54					
134.0-135.0	0.15	5.82	0.01	0.55					
135.0-136.0	0.15	5.97	0.01	0.57					
136.0-137.0	0.14	6.11	0.01	0.58					
137.0-138.0	0.14	6.25	0.01	0.59					
138.0-139.0	0.14	6.39	0.01	0.61					
139.0-140.0	0.14	6.53	0.01	0.62					
140.0-141.0	0.14	6.67	0.01	0.63					

IES Indoor Report

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Rectangle ISO Lighting Intensity Diagram

Lum. Name: 8542-5CCT-3500K	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED Lamp	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/06/19



Maximum Light Intensity(cd): 345.73

Maximum Cand.@Angle: H=1.4°;V=1.4°

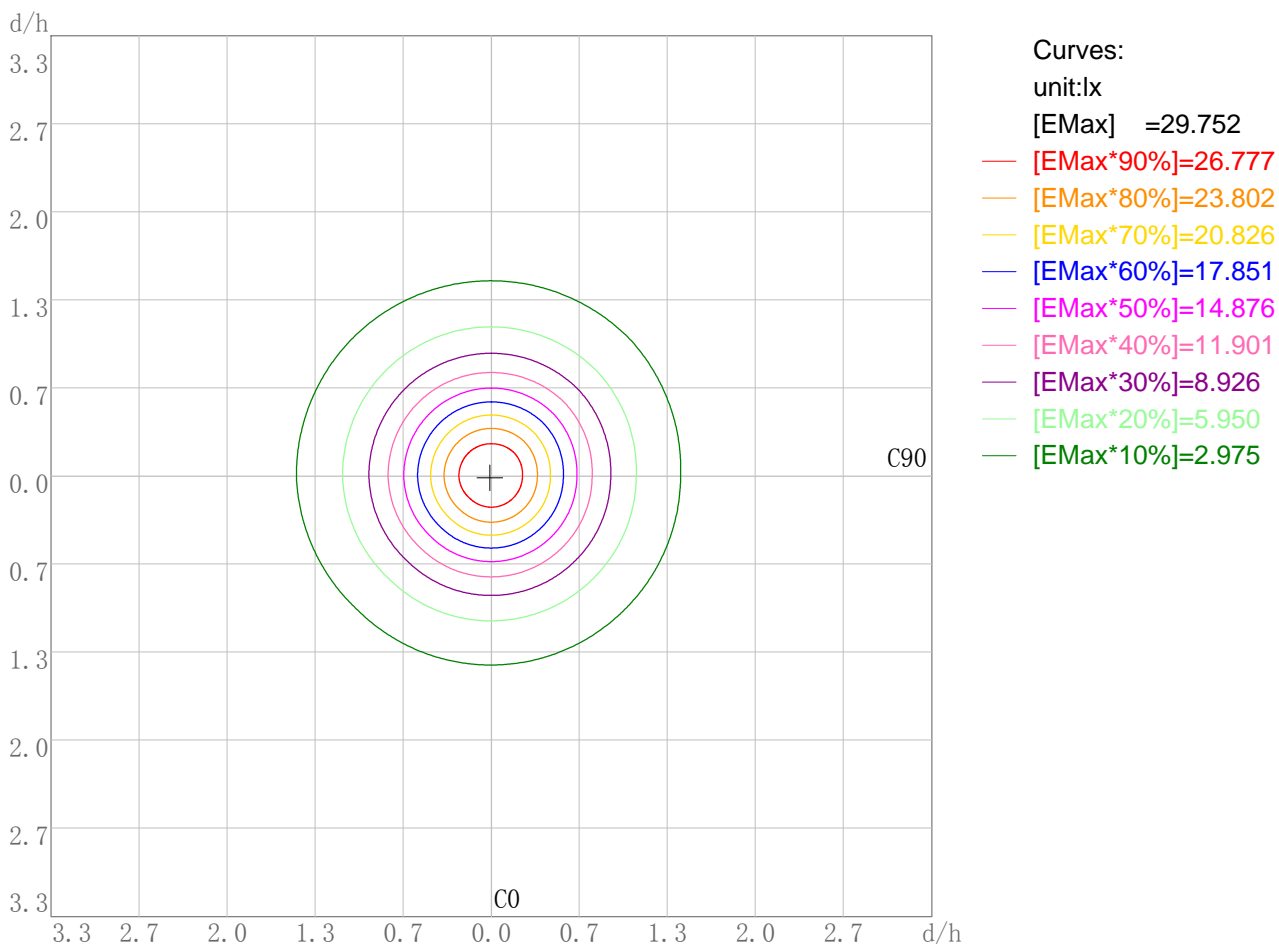
IES Indoor Report

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Plane ISO-Illuminance Diagram

Lum. Name: 8542-5CCT-3500K	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED Lamp	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/06/19

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 29.75
 Working Plane Maximum Illuminance Position(d/h):H-0.0 V0.0

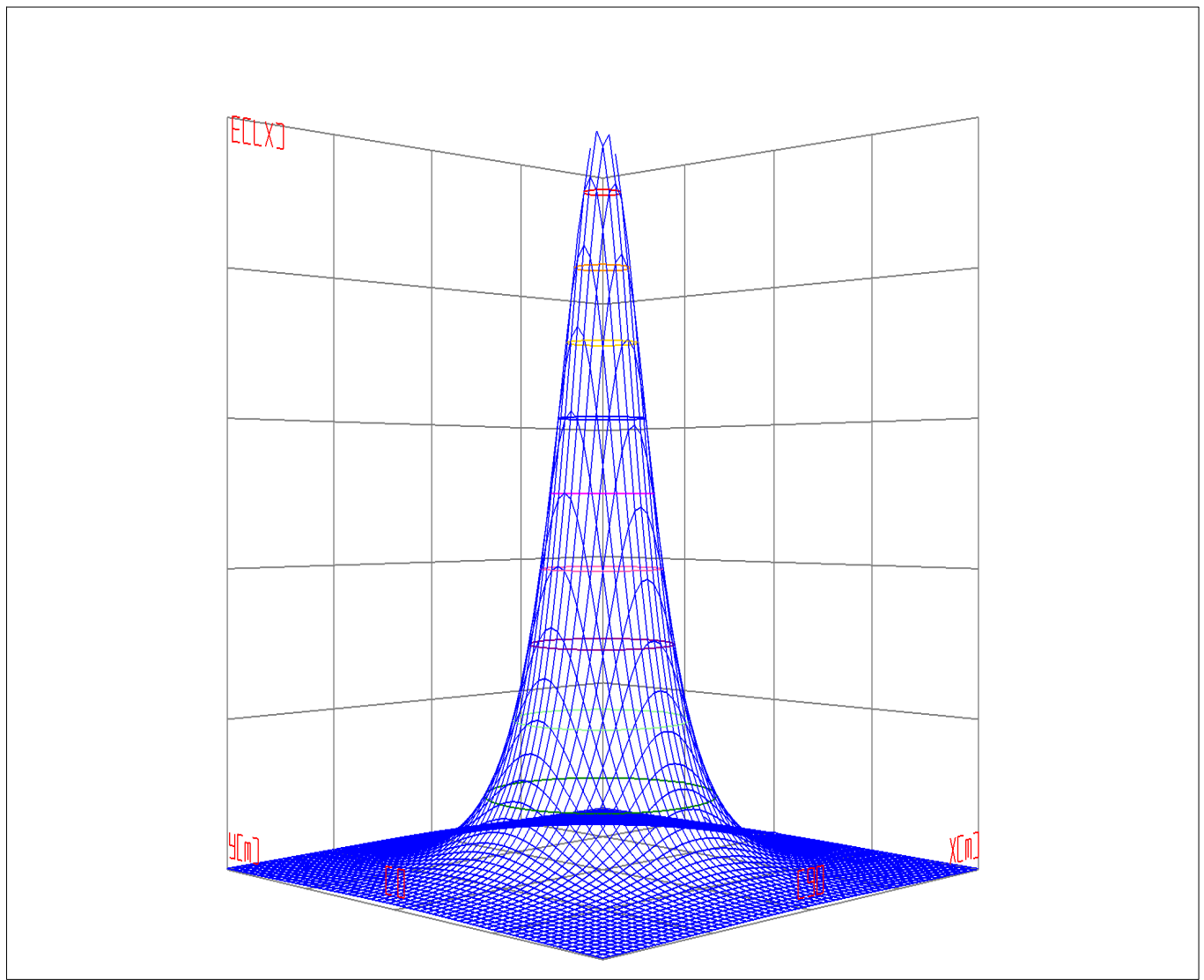
IES Indoor Report

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3D Plane ISO Illuminance Diagram

Lum. Name: 8542-5CCT-3500K	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED Lamp	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/06/19

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

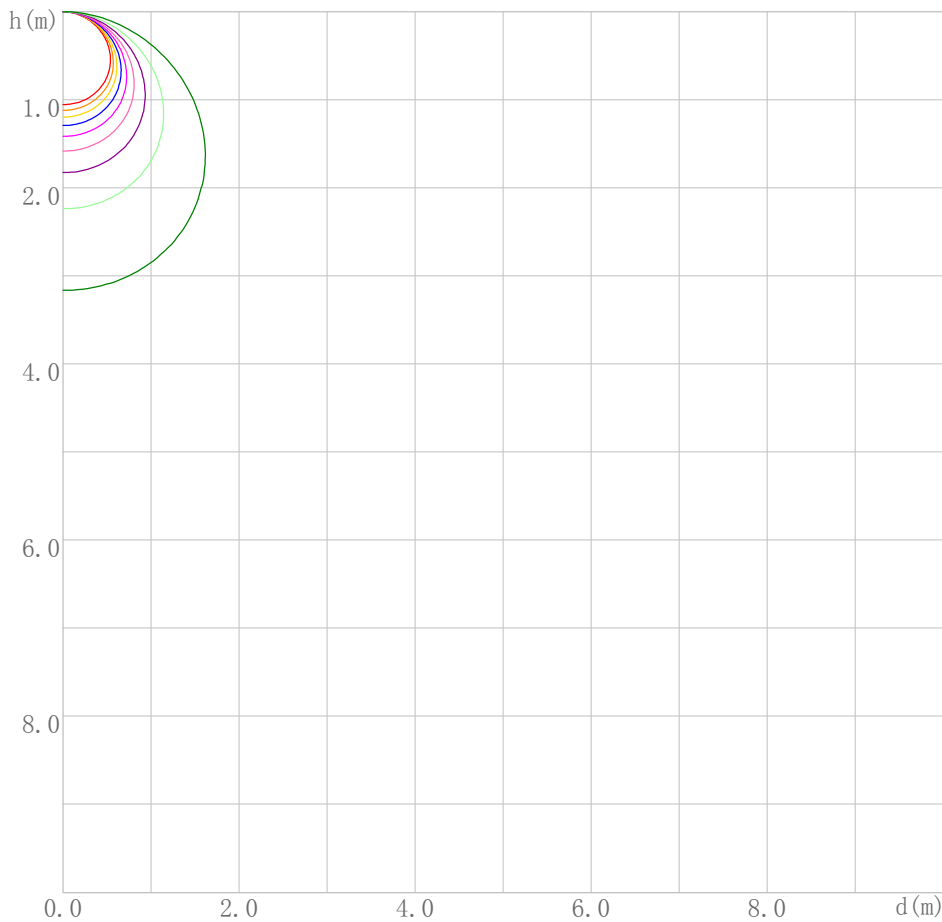
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Space ISO Illuminance Diagram

Lum. Name: 8542-5CCT-3500K	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED Lamp	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/06/19

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =345.304

— [EMax*90%]=310.774

— [EMax*80%]=276.243

— [EMax*70%]=241.713

— [EMax*60%]=207.182

— [EMax*50%]=172.652

— [EMax*40%]=138.122

— [EMax*30%]=103.591

— [EMax*20%]=69.061

— [EMax*10%]=34.530

Space Plane Maximum Illuminance and @Angle:345.30lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:345.630cd,0deg

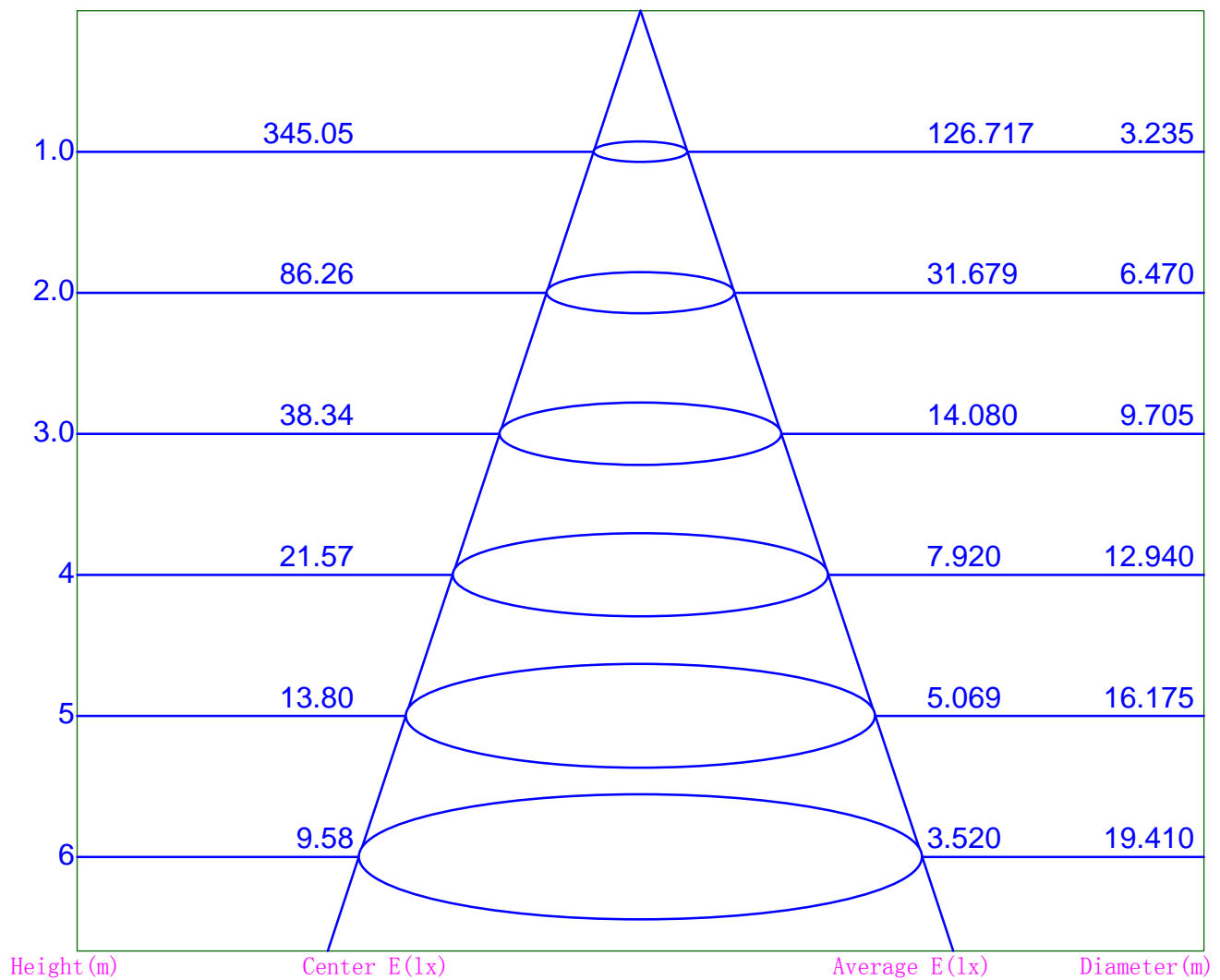
IES Indoor Report

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Illuminance-Distance Diagram

Lum. Name: 8542-5CCT-3500K	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED Lamp	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/06/19

Illuminance-Distance Curve



Beam Angle:116.5

Indoor Luminance Limiting Curves

Lum. Name: 8542-5CCT-3500K	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED Lamp	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/06/19

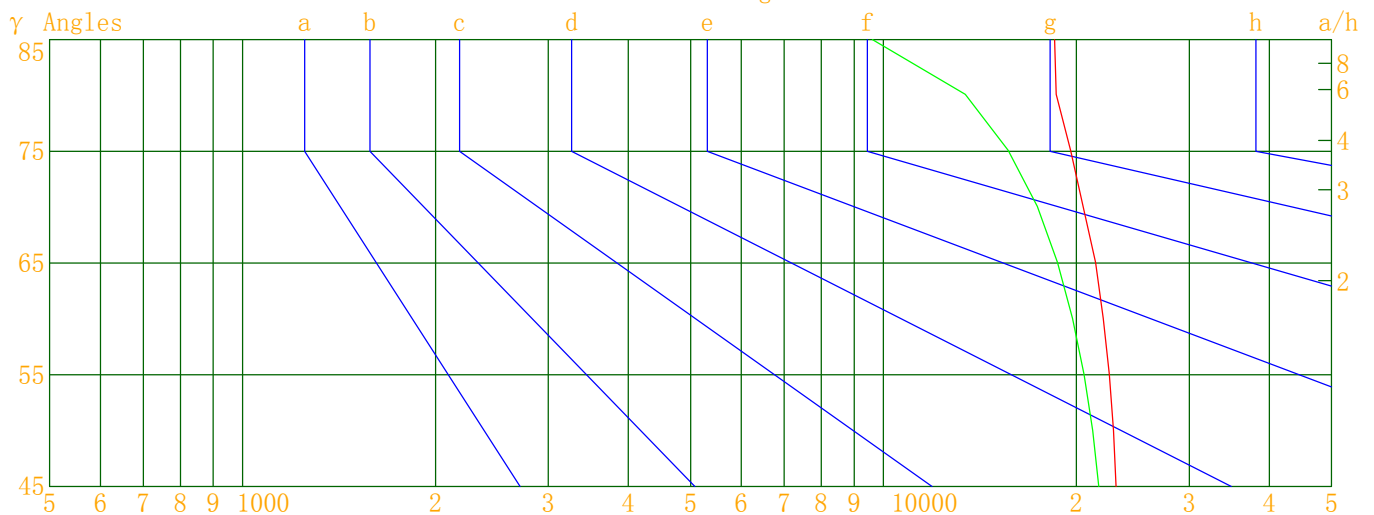
Glare Grade Table

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	23072	22853	22508	22037	21428	20494	19579	18590	18491
C90	21677	21198	20566	19719	18684	17373	15653	13422	9615

Luminance Limiting Curve



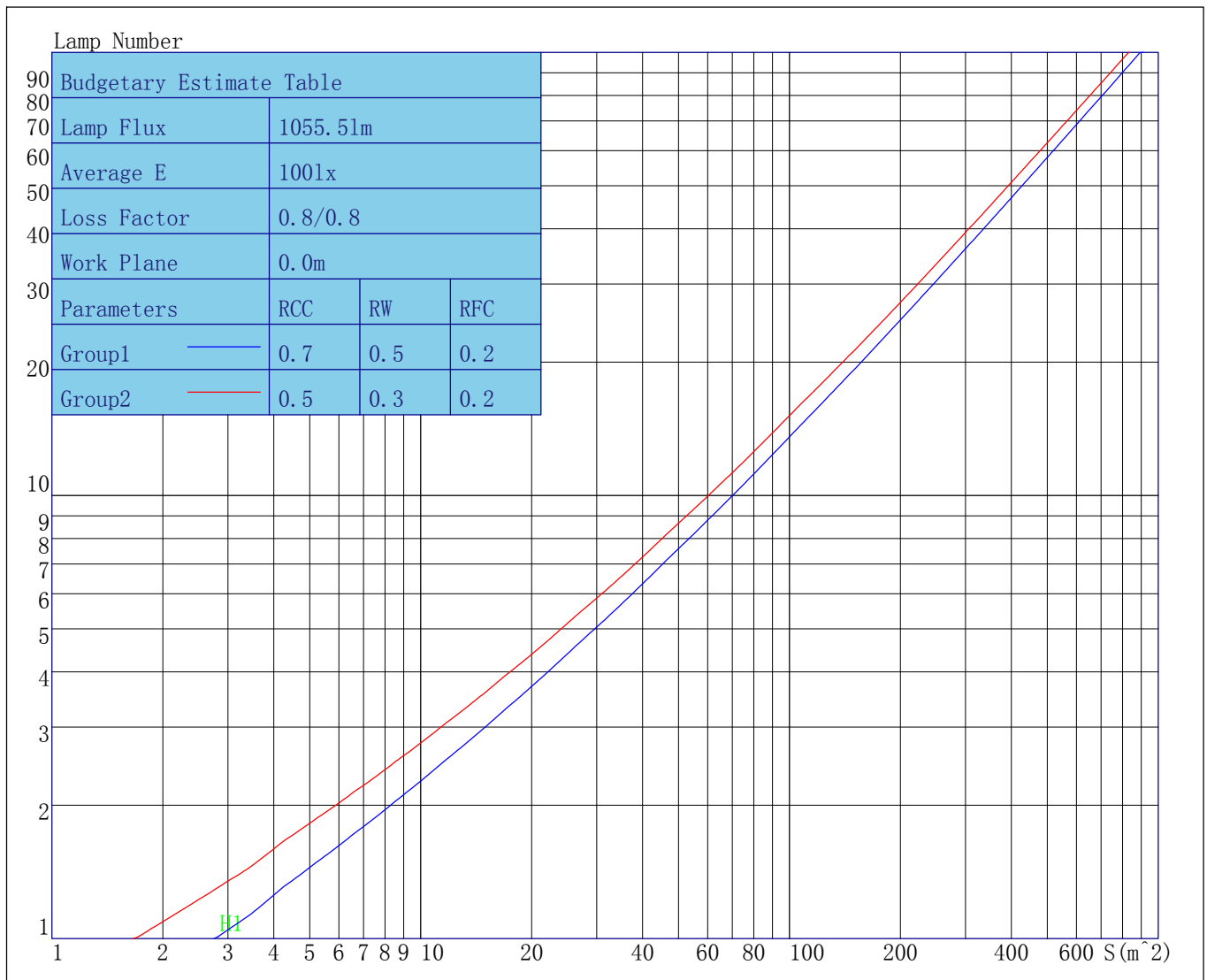
Luminous Size: Length(m)=0.125 Width(m)=0.125 Height(m)=0.000 Area(m²)=0.015625
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

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Indoor Budgetary Estimate Table

Lum. Name: 8542-5CCT-3500K	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED Lamp	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/06/19



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

IES Indoor Report

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Indoor Coefficient of Utilization Table

Lum. Name: 8542-5CCT-3500K	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED Lamp	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/06/19

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	50	30	10	0
RCR	Coefficient of Utilization(%)																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99			
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82			
2	98	90	83	77	96	88	82	76	84	79	74	81	76	72	78	74	71	68			
3	89	79	70	64	87	77	69	63	74	67	62	71	65	61	68	64	60	57			
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	55	51	49			
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42			
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	49	43	39	37			
7	64	51	42	35	62	50	41	35	48	40	35	46	40	35	45	39	34	32			
8	60	46	37	32	58	45	37	31	44	36	31	43	36	31	41	35	31	29			
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26			
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	35	29	25	23			

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Unified Glare Rating Table

Lum. Name: 8542-5CCT-3500K	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog: LED Lamp	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/06/19

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	34.8	39.0	35.6	39.7	40.3	34.3	38.4	35.0	39.1	39.8
Y=3H	39.5	43.7	40.3	44.4	45.0	38.5	42.7	39.3	43.4	44.0
Y=4H	42.1	46.0	42.9	46.7	47.3	40.9	44.8	41.7	45.4	46.1
Y=6H	44.0	47.8	44.7	48.4	49.1	42.3	46.1	43.1	46.8	47.4
Y=8H	44.6	48.4	45.4	49.1	49.7	42.7	46.5	43.5	47.2	47.8
Y=12H	45.2	49.0	46.0	49.6	50.3	43.0	46.7	43.7	47.4	48.1
X=4H Y=2H	36.1	39.9	36.9	40.6	41.3	35.8	39.7	36.6	40.3	41.0
Y=3H	41.0	44.9	41.8	45.6	46.2	40.3	44.2	41.1	44.9	45.5
Y=4H	42.1	45.0	43.1	45.9	46.8	41.2	44.1	42.2	45.0	45.8
Y=6H	44.4	47.2	45.4	48.1	49.0	43.0	45.8	44.0	46.7	47.6
Y=8H	45.4	48.1	46.4	49.0	49.9	43.7	46.4	44.7	47.4	48.2
Y=12H	45.3	47.7	46.4	48.8	49.7	43.2	45.7	44.3	46.8	47.7
X=8H Y=4H	42.4	45.2	43.4	46.1	46.9	41.6	44.3	42.6	45.2	46.1
Y=6H	44.1	46.5	45.2	47.5	48.4	42.9	45.2	44.0	46.3	47.2
Y=8H	44.8	46.9	45.9	48.0	49.0	43.3	45.4	44.5	46.5	47.5
Y=12H	45.8	47.9	47.0	49.0	50.0	43.9	46.0	45.1	47.1	48.1
X=12H Y=4H	41.5	44.0	42.6	45.0	46.0	40.7	43.2	41.8	44.2	45.1
Y=6H	43.6	45.8	44.8	46.9	47.9	42.5	44.6	43.6	45.7	46.7
Y=8H	44.8	46.9	46.0	48.0	49.0	43.4	45.5	44.6	46.6	47.6
Variations with the objerver position at spacings										
S=1.0H	2.5/-0.9					2.6/-0.4				
S=1.5H	-0.9/-18.7					-0.4/-17.7				
S=2.0H	-0.9/-18.7					-0.4/-17.7				

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Candela Tabulation

V/H	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0
γ 0.0	345.05	345.05	345.05	345.05	345.05	345.05	345.05	345.05
γ 1.0	345.46	345.27	345.53	344.98	345.22	344.96	345.29	345.58
γ 2.0	345.63	345.73	345.42	345.10	345.09	345.38	345.62	345.58
γ 3.0	345.24	345.68	344.43	344.40	344.52	344.52	345.49	345.22
γ 4.0	345.33	345.37	343.88	343.93	343.55	343.67	344.80	345.29
γ 5.0	345.24	345.04	344.07	343.36	343.40	343.15	344.25	344.96
γ 6.0	344.75	344.78	343.29	342.80	343.40	342.97	344.18	344.84
γ 7.0	344.34	344.30	342.44	342.71	342.82	342.93	344.20	344.52
γ 8.0	343.64	344.04	341.81	341.95	342.06	342.22	344.29	343.64
γ 9.0	343.08	342.93	341.32	340.70	341.00	341.41	343.37	343.33
γ 10.0	342.91	341.46	340.42	339.23	339.40	340.41	342.03	342.86
γ 11.0	342.20	341.27	339.41	338.78	339.02	339.72	341.10	342.00
γ 12.0	341.11	341.75	337.92	338.04	338.19	338.21	341.06	341.06
γ 13.0	340.17	341.04	337.14	336.68	337.19	336.94	340.71	340.59
γ 14.0	339.35	339.49	336.06	335.46	335.65	336.16	339.37	339.76
γ 15.0	338.82	338.13	334.38	334.17	334.51	335.19	337.68	338.33
γ 16.0	337.64	337.58	333.04	332.83	333.26	333.75	336.50	337.14
γ 17.0	336.14	336.60	331.87	331.04	331.88	331.84	335.94	336.11
γ 18.0	335.05	334.92	330.33	328.98	330.18	329.79	334.86	334.90
γ 19.0	333.31	333.16	328.24	327.57	328.45	328.40	332.81	333.36
γ 20.0	332.24	331.75	326.41	326.34	326.58	327.16	330.81	331.79
γ 21.0	330.64	330.49	324.96	323.78	324.73	325.03	329.72	330.52
γ 22.0	328.18	329.16	322.86	321.16	322.78	322.56	328.10	328.72
γ 23.0	326.83	326.69	319.89	319.25	320.40	320.37	325.78	326.63
γ 24.0	325.17	323.56	317.71	317.42	317.64	318.10	324.06	324.81
γ 25.0	323.40	322.41	315.62	314.51	315.38	315.79	322.16	322.72
γ 26.0	320.81	320.42	312.76	311.77	313.19	313.53	319.60	320.40
γ 27.0	318.08	317.22	309.86	309.33	310.32	310.76	317.09	318.18
γ 28.0	316.00	315.31	307.48	306.19	307.05	307.60	314.85	315.96
γ 29.0	314.04	313.66	304.62	303.56	304.62	304.69	312.22	313.35
γ 30.0	311.19	310.40	301.45	300.35	301.69	301.73	309.23	310.71
γ 31.0	307.79	307.47	298.09	296.43	298.04	298.92	306.47	307.96
γ 32.0	305.03	304.94	294.55	293.41	294.46	295.31	303.91	305.11
γ 33.0	302.23	301.81	291.28	290.31	291.15	291.80	300.74	301.82
γ 34.0	299.06	298.05	287.70	286.44	287.68	288.44	296.97	298.27
γ 35.0	295.62	294.73	283.67	282.14	284.10	284.73	293.44	295.44
γ 36.0	292.06	291.39	279.40	278.32	279.68	280.70	290.19	291.97
γ 37.0	287.90	287.90	275.78	274.95	275.61	276.72	286.47	288.41
γ 38.0	284.08	284.29	272.02	270.65	272.15	272.53	282.92	284.74
γ 39.0	281.23	279.78	267.67	266.05	267.62	268.00	279.48	280.77
γ 40.0	277.17	274.82	263.20	261.46	262.19	263.50	275.17	276.68
γ 41.0	272.49	270.58	258.44	257.19	257.66	259.26	270.73	272.76
γ 42.0	267.93	266.42	253.76	252.69	253.45	254.85	266.50	268.45
γ 43.0	263.71	262.90	249.07	247.74	249.52	249.34	262.19	264.00
γ 44.0	259.50	258.13	244.53	242.35	244.40	244.22	257.69	259.60
γ 45.0	254.92	253.16	239.50	237.53	238.24	239.82	253.05	255.14
γ 46.0	249.74	248.62	233.84	232.38	233.24	235.14	248.14	250.43

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Candela Tabulation - (Cont.)

V/H	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0
γ 47.0	244.76	244.02	228.68	227.13	228.47	229.85	243.27	245.15
γ 48.0	239.88	238.52	223.76	221.79	222.99	224.28	238.25	240.25
γ 49.0	234.87	233.05	218.54	216.38	217.60	218.46	233.19	235.44
γ 50.0	229.53	228.03	212.90	211.17	212.24	212.97	227.44	230.39
γ 51.0	223.98	223.09	206.86	205.48	206.46	207.87	222.56	225.00
γ 52.0	218.59	217.34	201.47	199.55	200.97	202.71	217.80	219.34
γ 53.0	213.15	211.15	195.94	193.91	195.32	196.54	211.87	214.08
γ 54.0	207.28	205.79	190.12	188.39	189.15	190.27	205.92	208.83
γ 55.0	201.72	200.57	184.32	182.34	183.30	184.59	200.71	203.08
γ 56.0	196.18	194.35	178.21	176.18	177.52	178.77	195.14	197.14
γ 57.0	190.15	188.11	172.47	170.40	171.52	172.52	189.05	191.35
γ 58.0	183.73	182.37	166.54	164.71	165.16	166.67	182.97	185.68
γ 59.0	177.79	176.39	160.35	158.42	158.90	160.77	177.48	179.66
γ 60.0	172.16	170.54	154.05	151.88	153.19	154.52	171.49	173.67
γ 61.0	166.62	164.38	148.04	145.87	147.18	147.92	165.27	167.89
γ 62.0	159.91	158.12	141.78	140.17	140.47	141.53	159.21	161.82
γ 63.0	153.30	151.85	135.88	134.06	133.86	135.46	152.92	155.56
γ 64.0	147.24	145.59	129.74	127.68	127.86	129.63	146.70	149.47
γ 65.0	141.50	139.44	123.38	121.36	121.90	123.54	140.96	143.62
γ 66.0	134.99	133.13	117.24	115.17	115.80	116.96	134.61	137.33
γ 67.0	128.45	126.90	111.04	109.42	109.42	110.29	128.46	130.87
γ 68.0	122.16	120.67	104.99	103.29	103.24	104.26	122.36	124.65
γ 69.0	116.04	114.36	98.97	97.01	97.19	98.57	116.20	118.55
γ 70.0	109.52	108.04	92.84	90.92	91.04	92.43	110.00	112.60
γ 71.0	103.34	101.91	86.73	85.14	84.88	85.97	103.73	106.59
γ 72.0	97.50	95.87	80.60	79.14	78.73	79.97	97.61	100.48
γ 73.0	91.41	89.62	74.81	73.17	72.69	74.11	91.73	94.20
γ 74.0	85.05	83.37	69.09	67.48	66.95	68.42	85.75	88.07
γ 75.0	79.18	77.13	63.30	61.89	61.31	62.42	79.54	81.94
γ 76.0	73.22	71.32	57.62	56.19	55.72	56.79	73.66	76.10
γ 77.0	67.36	65.65	52.24	50.67	50.13	51.39	67.91	70.12
γ 78.0	61.75	59.86	46.84	45.41	44.75	46.01	62.29	64.35
γ 79.0	55.95	54.21	41.55	40.14	39.62	40.73	56.61	58.80
γ 80.0	50.44	48.81	36.42	34.89	34.55	35.44	51.02	53.23
γ 81.0	45.20	43.59	31.42	29.95	29.62	30.60	45.77	47.78
γ 82.0	39.99	38.40	26.55	25.17	24.87	25.86	40.53	42.40
γ 83.0	34.77	33.29	21.90	20.56	20.42	21.27	35.29	37.29
γ 84.0	29.86	28.53	17.44	16.03	16.07	16.94	30.28	32.19
γ 85.0	25.18	23.90	13.09	11.67	11.91	12.75	25.40	27.27
γ 86.0	20.65	19.54	9.06	7.64	8.08	8.78	20.78	22.55
γ 87.0	16.36	15.27	5.24	3.90	4.50	5.24	16.28	17.97
γ 88.0	12.27	11.25	1.77	1.06	1.33	1.83	11.98	13.55
γ 89.0	8.40	7.49	0.85	0.84	0.85	0.89	7.74	9.40
γ 90.0	4.81	4.06	0.85	0.84	0.86	0.86	3.62	5.57
γ 91.0	1.44	1.33	0.86	0.85	0.88	0.88	1.35	2.06
γ 92.0	1.21	1.23	0.89	0.86	0.89	0.89	1.24	1.19
γ 93.0	1.21	1.23	0.90	0.89	0.90	0.90	1.24	1.20

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Candela Tabulation - (Cont.)

V/H	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0
γ 94.0	1.23	1.24	0.92	0.90	0.93	0.92	1.24	1.21
γ 95.0	1.24	1.25	0.94	0.93	0.94	0.93	1.24	1.24
γ 96.0	1.25	1.28	0.95	0.94	0.95	0.95	1.25	1.25
γ 97.0	1.26	1.29	0.98	0.95	0.98	0.97	1.28	1.26
γ 98.0	1.29	1.32	0.99	0.98	0.99	0.98	1.29	1.29
γ 99.0	1.30	1.33	1.02	0.99	1.02	1.01	1.30	1.30
γ 100.0	1.33	1.35	1.03	1.02	1.03	1.02	1.33	1.33
γ 101.0	1.35	1.37	1.06	1.03	1.06	1.04	1.34	1.34
γ 102.0	1.37	1.38	1.08	1.06	1.08	1.06	1.37	1.35
γ 103.0	1.39	1.41	1.10	1.08	1.10	1.08	1.38	1.38
γ 104.0	1.41	1.43	1.12	1.10	1.12	1.10	1.41	1.41
γ 105.0	1.43	1.44	1.15	1.12	1.15	1.12	1.42	1.42
γ 106.0	1.46	1.47	1.16	1.14	1.16	1.14	1.44	1.43
γ 107.0	1.48	1.48	1.19	1.16	1.19	1.15	1.46	1.46
γ 108.0	1.51	1.51	1.21	1.19	1.21	1.17	1.48	1.47
γ 109.0	1.52	1.52	1.23	1.20	1.23	1.20	1.51	1.50
γ 110.0	1.55	1.55	1.25	1.23	1.25	1.23	1.52	1.52
γ 111.0	1.57	1.57	1.26	1.24	1.26	1.24	1.55	1.54
γ 112.0	1.59	1.60	1.29	1.26	1.29	1.25	1.57	1.56
γ 113.0	1.61	1.61	1.30	1.29	1.32	1.28	1.59	1.59
γ 114.0	1.63	1.64	1.33	1.32	1.33	1.30	1.61	1.60
γ 115.0	1.65	1.65	1.34	1.33	1.35	1.32	1.63	1.63
γ 116.0	1.68	1.68	1.37	1.35	1.38	1.34	1.65	1.64
γ 117.0	1.69	1.69	1.38	1.37	1.39	1.37	1.66	1.66
γ 118.0	1.72	1.72	1.41	1.39	1.42	1.38	1.69	1.68
γ 119.0	1.73	1.74	1.43	1.42	1.43	1.41	1.70	1.70
γ 120.0	1.75	1.75	1.46	1.43	1.46	1.42	1.73	1.73
γ 121.0	1.78	1.77	1.47	1.46	1.48	1.44	1.74	1.74
γ 122.0	1.79	1.79	1.48	1.48	1.50	1.46	1.77	1.77
γ 123.0	1.81	1.81	1.51	1.50	1.52	1.48	1.78	1.78
γ 124.0	1.83	1.83	1.54	1.52	1.54	1.50	1.81	1.81
γ 125.0	1.86	1.86	1.56	1.55	1.56	1.52	1.82	1.82
γ 126.0	1.87	1.87	1.59	1.57	1.59	1.55	1.83	1.84
γ 127.0	1.88	1.88	1.61	1.59	1.60	1.56	1.86	1.86
γ 128.0	1.90	1.88	1.64	1.61	1.63	1.59	1.87	1.88
γ 129.0	1.92	1.90	1.66	1.63	1.65	1.61	1.90	1.90
γ 130.0	1.95	1.91	1.68	1.64	1.66	1.63	1.92	1.92
γ 131.0	1.96	1.93	1.69	1.66	1.69	1.65	1.93	1.93
γ 132.0	1.99	1.95	1.72	1.68	1.70	1.66	1.96	1.95
γ 133.0	2.00	1.96	1.73	1.69	1.73	1.69	1.97	1.96
γ 134.0	2.01	1.97	1.74	1.72	1.75	1.72	1.99	1.99
γ 135.0	2.04	2.00	1.77	1.74	1.77	1.74	2.01	2.00
γ 136.0	2.05	2.01	1.78	1.75	1.79	1.75	2.03	2.01
γ 137.0	2.06	2.04	1.81	1.78	1.81	1.78	2.04	2.03
γ 138.0	2.08	2.05	1.82	1.81	1.83	1.81	2.05	2.05
γ 139.0	2.09	2.08	1.84	1.82	1.86	1.83	2.06	2.06
γ 140.0	2.12	2.09	1.86	1.84	1.88	1.86	2.09	2.09
