

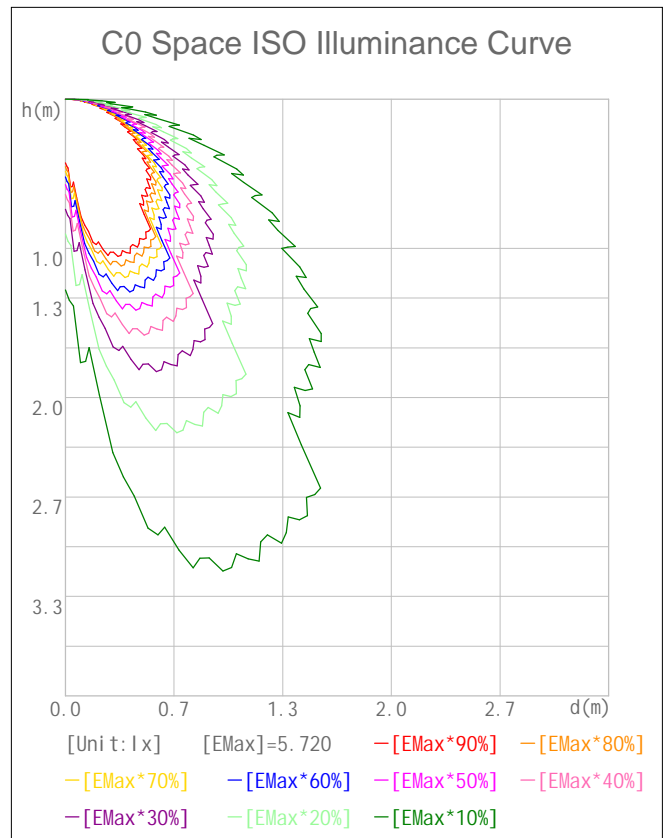
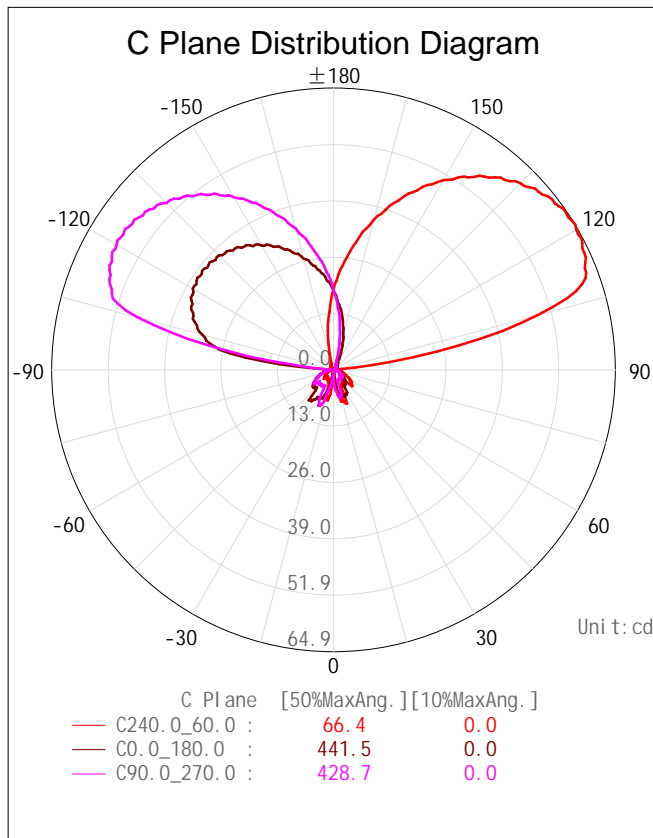
Indoor Luminaire Photometric Data

Description Information

Luminary Name:		Lum. Catalog:	Test ID:
Lamp Name: LED		Lamp Catalog: 1	Test Date: 2020/06/26
Manufacture:		Shld. Ang(°):	Test Machine: GON-2000
Test Lab:		Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size(W*L*H): 0.000m*0.000m*0.000m		Lum. Area(m2): 0.000	Lum. W(kg):
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

Character Parameter

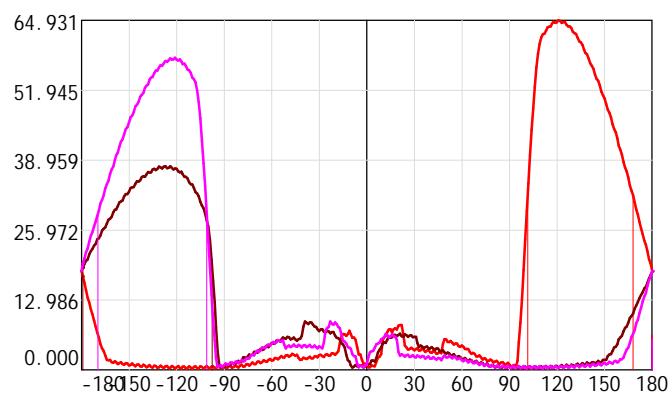
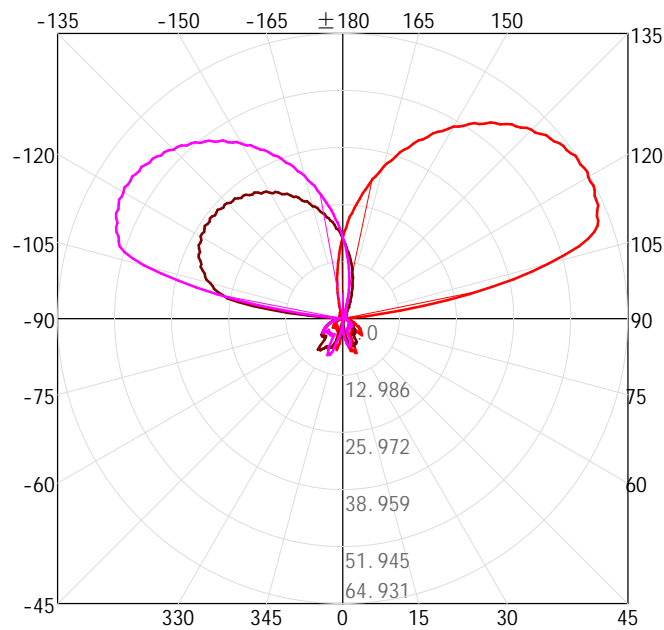
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1.000		Luminary Flux(lm): 128.367	Field Angle(10%Imax): 360.0(°)
Rated Power(W):		Luminary Efficiency: 12836.74%	Down Lumens&Percent: 16.748lm 13.05%
Rated Voltage(V):		Luminary EER(lm/W): 25.500	Up Lumens&Percent: 111.619lm 86.95%
Tested Power(W): 5.034		Max. Candela(cd): 64.931	S/MH: C0_a180=3.329 C90_270=3.275
Lamps' Inside: 1		Max Cand@Ang. (°): C=240.0 γ=121.0	CIE Type: Indirect
Tested Electrics(V, A, pf): 12.7, 0.497, 0.790		Beam Angle(50%Imax): 66.4(°)	ErP Φuse(120°): 12.139lm
Lamp Size(W*L*H): 0.000m*0.000m*0.000m		Left=101.6°, Right=168.0°	IRF(%): 183.888



2D Plane Light Intensity Distribution Curve

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: 1	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/06/26

C Plane Distribution Diagram

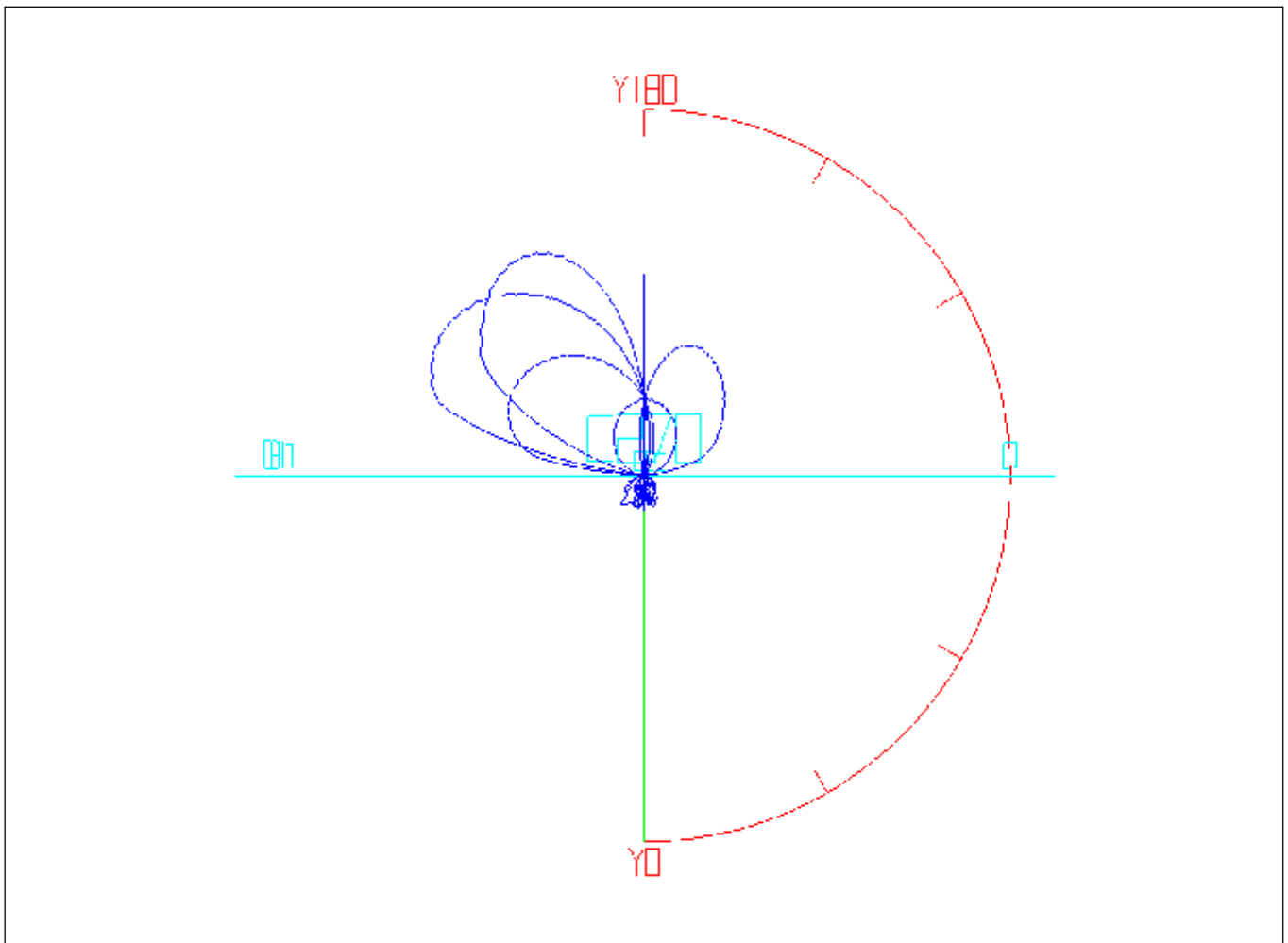


	C Plane	[50%MaxAng.]	[10%MaxAng.]:cd
— (Red)	C240.0_60.0 :	66.4	0.0
— (Brown)	C0.0_180.0 :	441.5	0.0
— (Magenta)	C90.0_270.0 :	428.7	0.0

3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: 1	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/06/26

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:JAO2601L.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	0.00	0.00	0.09	0.09	44.0-45.0	0.25	0.25	25.17	25.17
1.0-2.0	0.00	0.00	0.31	0.40	45.0-46.0	0.26	0.51	25.72	50.89
2.0-3.0	0.01	0.01	0.61	1.01	46.0-47.0	0.26	0.77	26.05	76.94
3.0-4.0	0.01	0.02	1.02	2.03	47.0-48.0	0.27	1.04	26.92	103.86
4.0-5.0	0.01	0.03	1.41	3.44	48.0-49.0	0.28	1.32	28.25	132.12
5.0-6.0	0.02	0.05	1.97	5.41	49.0-50.0	0.29	1.61	28.87	160.98
6.0-7.0	0.03	0.08	2.90	8.31	50.0-51.0	0.29	1.90	28.85	189.83
7.0-8.0	0.04	0.12	3.87	12.18	51.0-52.0	0.29	2.19	28.91	218.74
8.0-9.0	0.05	0.17	4.82	17.00	52.0-53.0	0.30	2.49	29.83	248.58
9.0-10.0	0.06	0.23	6.25	23.25	53.0-54.0	0.31	2.79	30.65	279.22
10.0-11.0	0.08	0.31	7.87	31.13	54.0-55.0	0.31	3.10	30.57	309.79
11.0-12.0	0.09	0.40	9.21	40.33	55.0-56.0	0.30	3.40	30.32	340.11
12.0-13.0	0.11	0.51	10.55	50.88	56.0-57.0	0.30	3.70	30.06	370.17
13.0-14.0	0.12	0.63	12.13	63.01	57.0-58.0	0.30	4.00	29.65	399.81
14.0-15.0	0.14	0.77	13.75	76.76	58.0-59.0	0.29	4.29	29.10	428.91
15.0-16.0	0.15	0.92	15.24	91.99	59.0-60.0	0.29	4.57	28.53	457.44
16.0-17.0	0.17	1.09	16.75	108.74	60.0-61.0	0.28	4.85	27.99	485.43
17.0-18.0	0.18	1.27	18.07	126.81	61.0-62.0	0.27	5.13	27.44	512.87
18.0-19.0	0.19	1.46	18.91	145.72	62.0-63.0	0.27	5.40	26.74	539.61
19.0-20.0	0.19	1.65	19.24	164.95	63.0-64.0	0.26	5.65	25.86	565.47
20.0-21.0	0.20	1.85	19.72	184.67	64.0-65.0	0.25	5.91	25.16	590.63
21.0-22.0	0.21	2.05	20.74	205.42	65.0-66.0	0.24	6.15	24.44	615.07
22.0-23.0	0.21	2.27	21.39	226.81	66.0-67.0	0.23	6.38	23.34	638.41
23.0-24.0	0.21	2.48	21.39	248.20	67.0-68.0	0.22	6.61	22.44	660.85
24.0-25.0	0.22	2.70	21.74	269.94	68.0-69.0	0.22	6.83	21.89	682.74
25.0-26.0	0.22	2.92	22.25	292.20	69.0-70.0	0.21	7.04	20.81	703.55
26.0-27.0	0.22	3.14	21.73	313.92	70.0-71.0	0.19	7.23	19.43	722.98
27.0-28.0	0.21	3.35	21.26	335.18	71.0-72.0	0.19	7.42	18.78	741.76
28.0-29.0	0.22	3.57	21.62	356.80	72.0-73.0	0.18	7.60	17.95	759.71
29.0-30.0	0.22	3.79	22.05	378.85	73.0-74.0	0.16	7.76	16.31	776.02
30.0-31.0	0.23	4.01	22.59	401.44	74.0-75.0	0.15	7.91	15.42	791.44
31.0-32.0	0.23	4.25	23.17	424.61	75.0-76.0	0.15	8.07	15.24	806.68
32.0-33.0	0.23	4.48	23.23	447.84	76.0-77.0	0.14	8.21	14.02	820.70
33.0-34.0	0.23	4.71	23.27	471.11	77.0-78.0	0.13	8.34	12.82	833.52
34.0-35.0	0.24	4.95	23.92	495.03	78.0-79.0	0.13	8.46	12.98	846.50
35.0-36.0	0.25	5.20	24.55	519.58	79.0-80.0	0.13	8.59	12.57	859.07
36.0-37.0	0.25	5.44	24.83	544.41	80.0-81.0	0.11	8.70	11.28	870.35
37.0-38.0	0.25	5.70	25.31	569.72	81.0-82.0	0.11	8.82	11.35	881.71
38.0-39.0	0.26	5.96	25.91	595.63	82.0-83.0	0.12	8.94	11.80	893.50
39.0-40.0	0.26	6.21	25.67	621.30	83.0-84.0	0.10	9.04	10.38	903.88
40.0-41.0	0.25	6.46	24.63	645.94	84.0-85.0	0.09	9.13	9.27	913.15
41.0-42.0	0.24	6.70	24.05	669.99	85.0-86.0	0.10	9.23	9.89	923.05
42.0-43.0	0.24	6.94	24.19	694.18	86.0-87.0	0.09	9.32	9.29	932.34
43.0-44.0	0.25	7.19	24.61	718.79	87.0-88.0	0.08	9.40	7.61	939.95

IES Indoor Report
Photometric Filename:JAO2601L.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
88.0-89.0	0.08	0.08	7.83	7.83	132.0-133.0	1.85	1.85	185.31	185.31
89.0-90.0	0.08	0.16	8.27	16.10	133.0-134.0	1.81	3.67	181.21	366.52
90.0-91.0	0.07	0.23	6.58	22.68	134.0-135.0	1.77	5.44	177.44	543.96
91.0-92.0	0.06	0.29	5.84	28.52	135.0-136.0	1.74	7.18	174.41	718.38
92.0-93.0	0.08	0.37	8.02	36.54	136.0-137.0	1.70	8.89	170.34	888.72
93.0-94.0	0.12	0.48	11.70	48.24	137.0-138.0	1.66	10.54	165.77	1054.50
94.0-95.0	0.19	0.67	19.06	67.30	138.0-139.0	1.62	12.17	162.34	1216.84
95.0-96.0	0.34	1.01	33.65	100.95	139.0-140.0	1.59	13.75	158.63	1375.46
96.0-97.0	0.52	1.53	51.87	152.82	140.0-141.0	1.54	15.29	153.74	1529.21
97.0-98.0	0.70	2.23	69.96	222.77	141.0-142.0	1.50	16.79	149.56	1678.76
98.0-99.0	0.90	3.12	89.65	312.43	142.0-143.0	1.46	18.25	145.94	1824.71
99.0-100.0	1.10	4.22	109.95	422.38	143.0-144.0	1.41	19.66	141.22	1965.92
100.0-101.0	1.27	5.50	127.33	549.70	144.0-145.0	1.36	21.02	136.43	2102.35
101.0-102.0	1.42	6.92	142.34	692.04	145.0-146.0	1.33	22.35	132.64	2234.99
102.0-103.0	1.57	8.49	157.30	849.34	146.0-147.0	1.28	23.63	128.31	2363.30
103.0-104.0	1.71	10.20	171.00	1020.34	147.0-148.0	1.23	24.87	123.29	2486.59
104.0-105.0	1.82	12.03	182.36	1202.70	148.0-149.0	1.19	26.06	119.03	2605.61
105.0-106.0	1.93	13.95	192.61	1395.31	149.0-150.0	1.15	27.21	115.04	2720.65
106.0-107.0	2.02	15.97	201.91	1597.22	150.0-151.0	1.10	28.31	110.41	2831.06
107.0-108.0	2.08	18.05	208.15	1805.37	151.0-152.0	1.06	29.37	105.95	2937.01
108.0-109.0	2.12	20.17	211.55	2016.92	152.0-153.0	1.02	30.39	102.02	3039.03
109.0-110.0	2.14	22.31	214.13	2231.05	153.0-154.0	0.98	31.37	97.81	3136.84
110.0-111.0	2.16	24.47	216.04	2447.10	154.0-155.0	0.93	32.30	93.29	3230.13
111.0-112.0	2.17	26.64	216.87	2663.96	155.0-156.0	0.89	33.19	89.10	3319.23
112.0-113.0	2.17	28.81	217.36	2881.32	156.0-157.0	0.85	34.04	85.15	3404.37
113.0-114.0	2.18	31.00	218.33	3099.65	157.0-158.0	0.81	34.85	80.94	3485.32
114.0-115.0	2.19	33.19	218.86	3318.51	158.0-159.0	0.77	35.62	76.63	3561.95
115.0-116.0	2.18	35.37	218.45	3536.96	159.0-160.0	0.73	36.35	72.67	3634.62
116.0-117.0	2.18	37.55	218.16	3755.12	160.0-161.0	0.69	37.03	68.84	3703.46
117.0-118.0	2.18	39.73	218.15	3973.27	161.0-162.0	0.65	37.68	64.75	3768.21
118.0-119.0	2.17	41.91	217.38	4190.66	162.0-163.0	0.61	38.29	60.88	3829.09
119.0-120.0	2.16	44.07	216.01	4406.66	163.0-164.0	0.57	38.87	57.49	3886.58
120.0-121.0	2.15	46.22	214.98	4621.64	164.0-165.0	0.54	39.40	53.89	3940.47
121.0-122.0	2.14	48.36	213.87	4835.52	165.0-166.0	0.50	39.91	50.13	3990.60
122.0-123.0	2.12	50.47	211.89	5047.41	166.0-167.0	0.47	40.37	46.80	4037.40
123.0-124.0	2.10	52.57	209.71	5257.12	167.0-168.0	0.43	40.81	43.49	4080.89
124.0-125.0	2.08	54.65	207.96	5465.08	168.0-169.0	0.40	41.21	39.82	4120.71
125.0-126.0	2.06	56.71	205.85	5670.93	169.0-170.0	0.36	41.57	36.38	4157.09
126.0-127.0	2.03	58.74	202.96	5873.89	170.0-171.0	0.33	41.90	32.97	4190.06
127.0-128.0	2.00	60.74	200.24	6074.13	171.0-172.0	0.30	42.20	29.51	4219.57
128.0-129.0	1.98	62.72	197.90	6272.03	172.0-173.0	0.26	42.46	26.14	4245.71
129.0-130.0	1.95	64.67	194.80	6466.83	173.0-174.0	0.23	42.68	22.76	4268.48
130.0-131.0	1.91	66.58	191.19	6658.02	174.0-175.0	0.19	42.88	19.33	4287.81
131.0-132.0	1.88	68.46	188.30	6846.32	175.0-176.0	0.16	43.04	15.75	4303.56

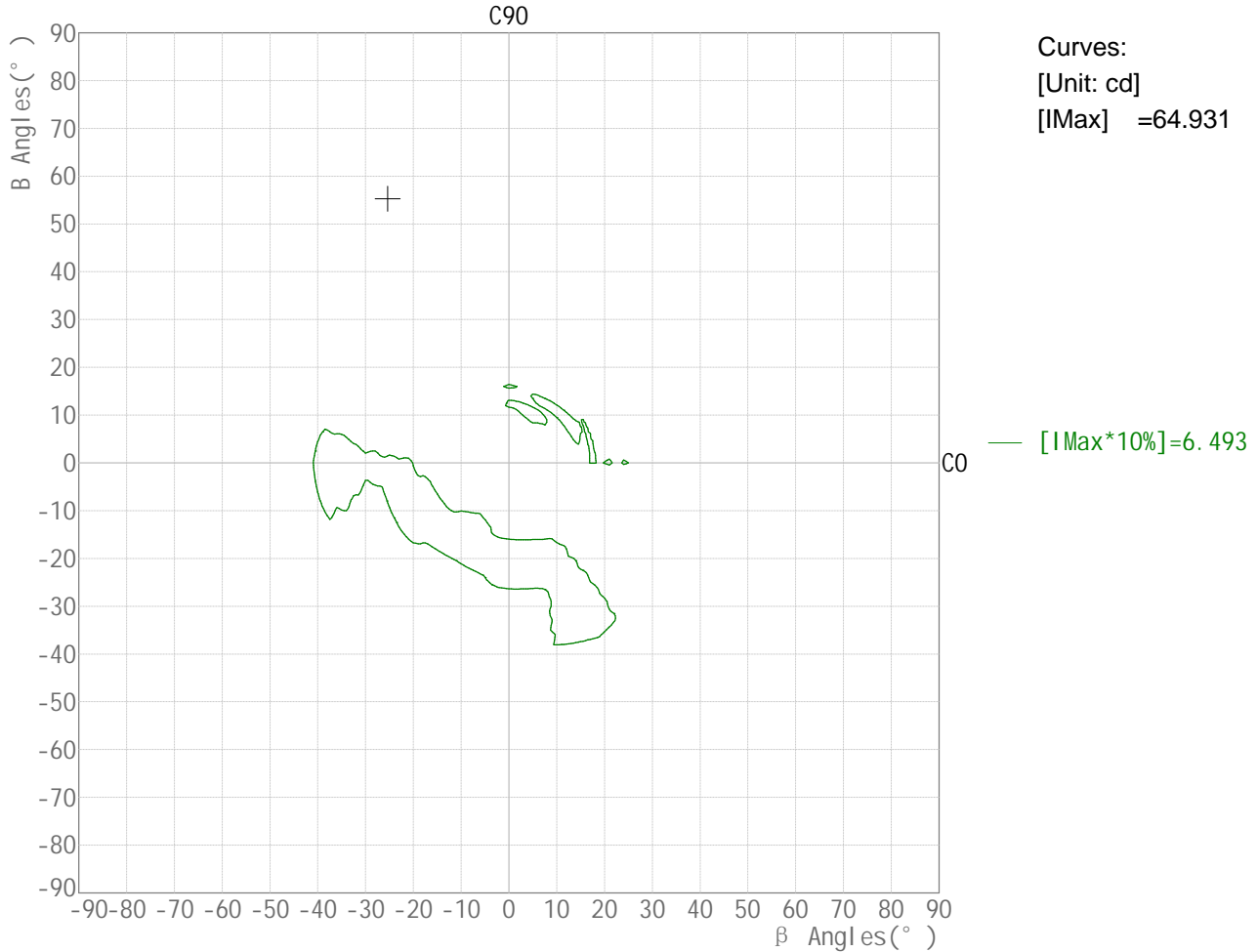
Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
176.0-177.0	0.12	0.12	12.27	12.27
177.0-178.0	0.09	0.21	8.81	21.08
178.0-179.0	0.05	0.26	5.28	26.36
179.0-180.0	0.02	0.28	1.76	28.12

Rectangle ISO Lighting Intensity Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: 1	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/06/26

ISO Lighting Intensity Curve

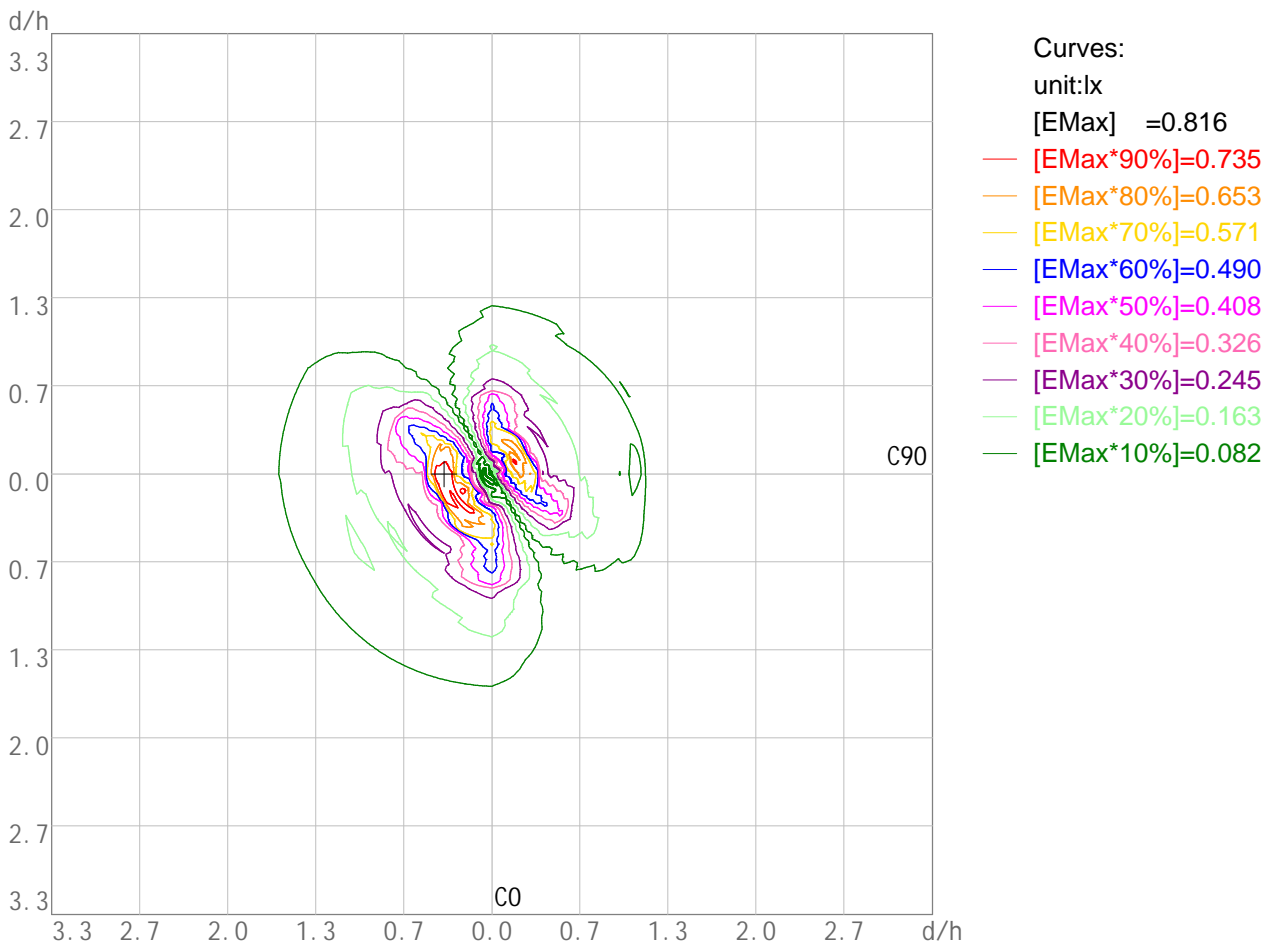


Maximum Light Intensity(cd): 64.93
 Maximum Cand.@Angle: H=-25.4°,V=55.2°

Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: 1	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/06/26

Plane ISO-Illuminance Curve

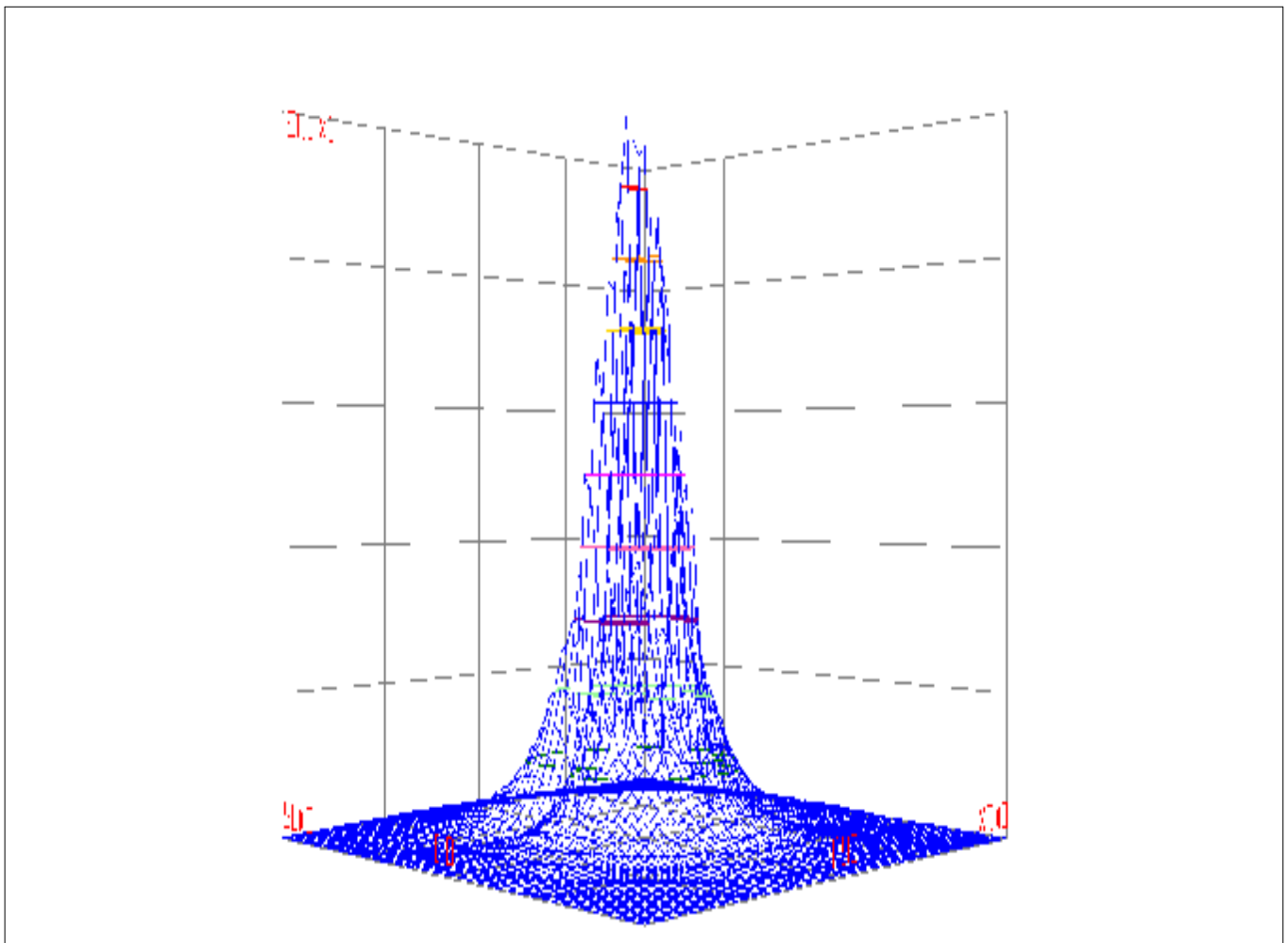


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 0.82
Working Plane Maximum Illuminance Position(d/h):H-0.4 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: 1	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/06/26

3D Plane Illuminance Modal

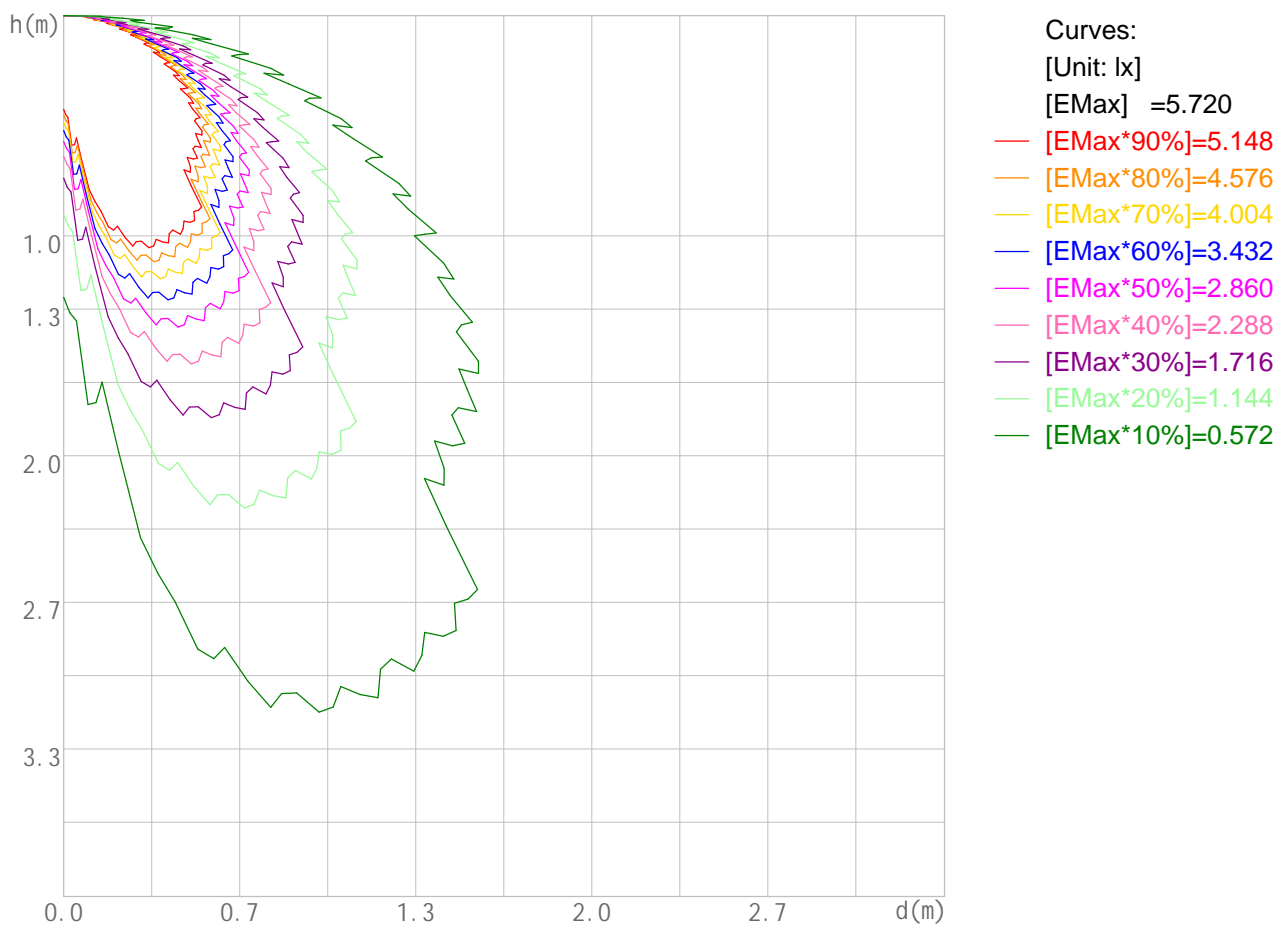


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: 1	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/06/26

Space ISO Illuminance Curve

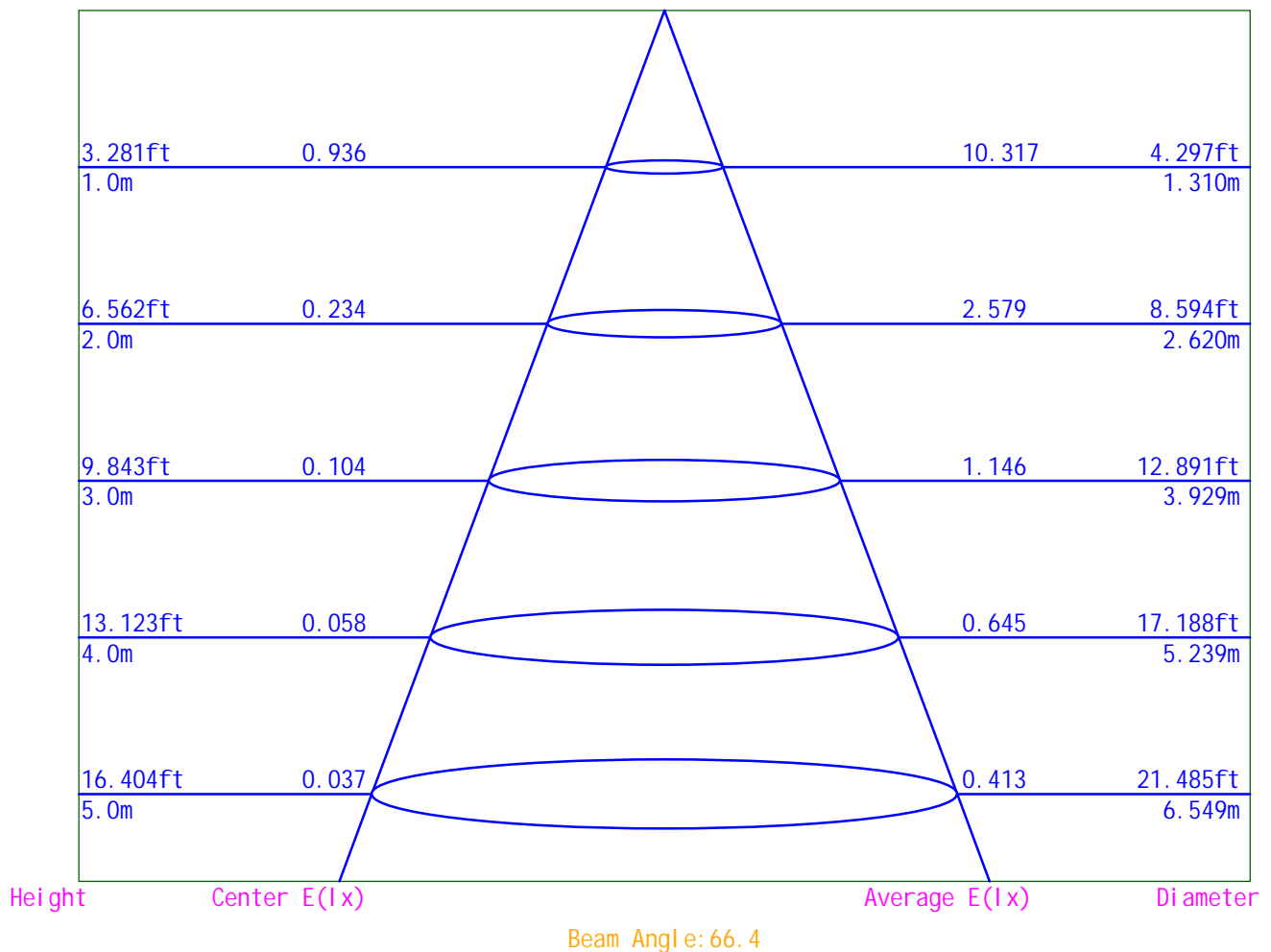


Space Plane Maximum Illuminance and @Angle:5.72lx,17.0deg
 Plane Maximum Lighting Intensity and @Angle:6.745cd,0deg

Illuminance-Distance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: 1	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/06/26

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: 1	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/06/26

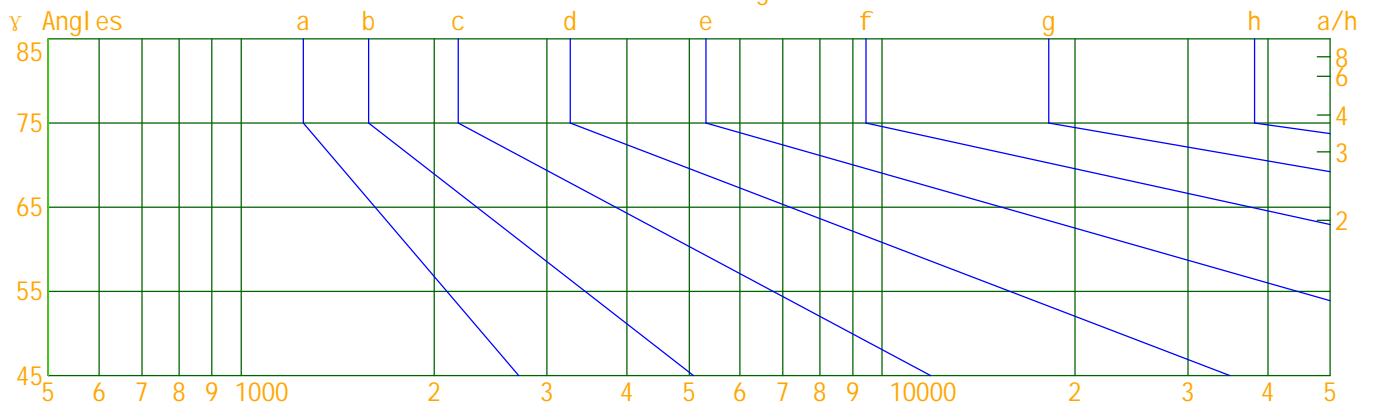
Glare Grade Table

Gl	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	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

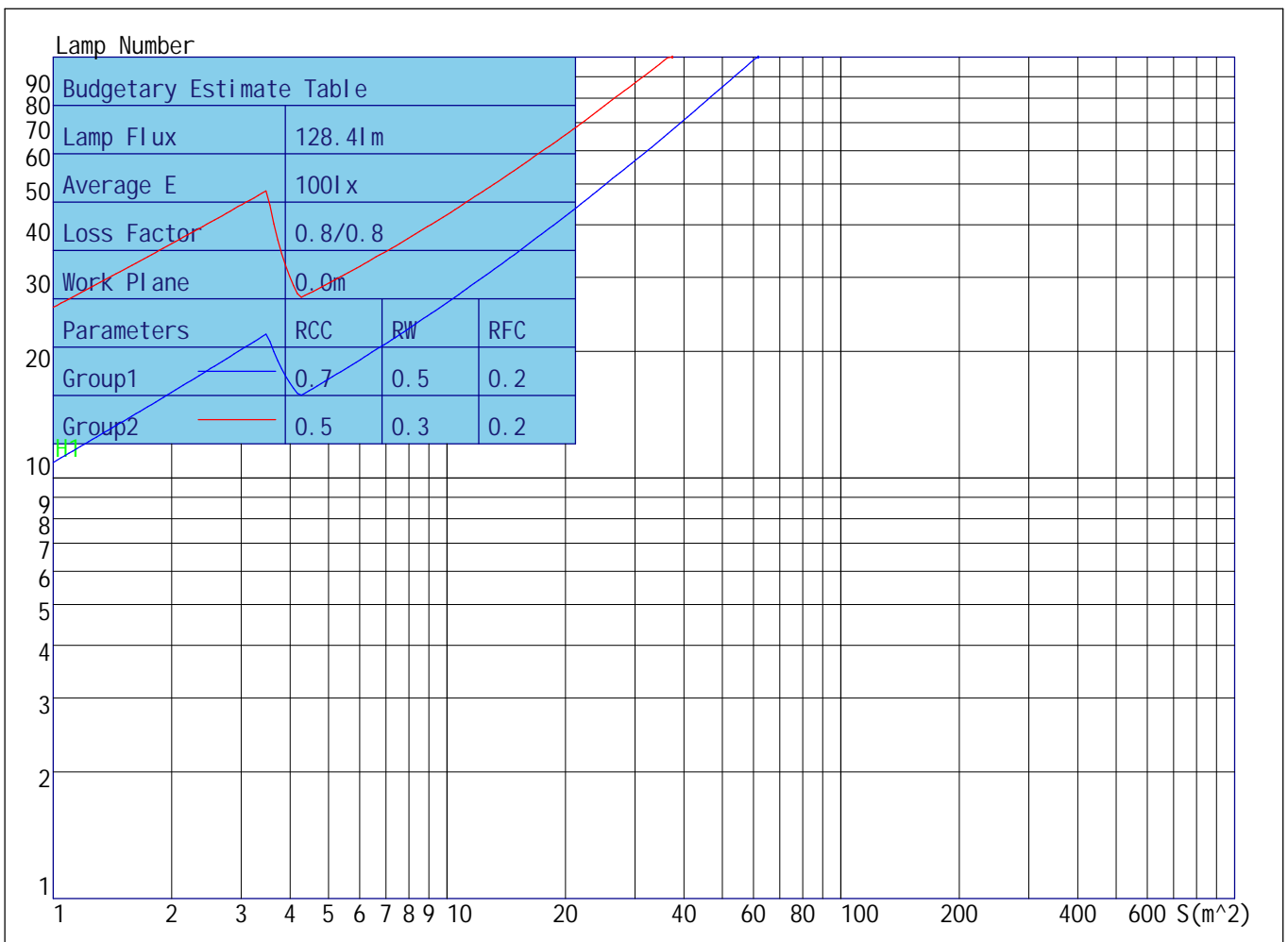
Luminance Limiting Curve



Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m²)=0.000000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: 1	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/06/26



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:	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: 1	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/06/26

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	12624	12624	12624	12624	10331	10331	10331	10331	8062	8062	8062	5344	5344	5344	2848	2848	2848	1675
1	11448	10905	10419	9998	9977	9535	9137	8776	6969	6715	6483	4612	4466	4331	2439	2371	2307	1322
2	10394	9482	8727	8093	9040	8296	7673	7144	6068	5663	5314	4013	3776	3567	2113	2000	1899	1066
3	9456	8300	7406	6693	8215	7267	6523	5923	5321	4830	4426	3520	3227	2981	1850	1708	1586	875
4	8621	7306	6343	5607	7485	6402	5595	4972	4694	4155	3727	3109	2782	2518	1634	1474	1342	732
5	7880	6465	5477	4747	6840	5670	4838	4215	4165	3602	3169	2764	2418	2147	1456	1285	1148	622
6	7228	5759	4773	4065	6276	5055	4221	3614	3721	3149	2724	2474	2120	1850	1307	1131	992	535
7	6654	5162	4194	3516	5781	4535	3713	3129	3345	2776	2363	2229	1874	1609	1183	1004	867	467
8	6146	4650	3709	3062	5342	4089	3286	2727	3022	2463	2064	2020	1667	1409	1076	897	763	412
9	5697	4212	3302	2688	4956	3708	2929	2396	2746	2199	1816	1840	1493	1243	985	808	678	366
10	5296	3831	2954	2371	4611	3376	2622	2114	2505	1973	1606	1683	1343	1103	906	731	605	329

Unified Glare Rating Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: 1	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/06/26

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	Viewed crosswise					Viewed endwise					
X=2H	Y=2H	-19.3	-18.8	-18.7	-18.1	-16.5	-19.3	-18.8	-18.7	-18.1	-16.5
	Y=3H	-19.7	-19.3	-19.1	-18.5	-16.8	-19.7	-19.3	-19.1	-18.5	-16.8
	Y=4H	-19.9	-19.5	-19.2	-18.8	-17.0	-19.9	-19.5	-19.2	-18.8	-17.0
	Y=6H	-20.2	-19.8	-19.4	-19.0	-17.3	-20.2	-19.8	-19.4	-19.0	-17.3
	Y=8H	-20.3	-19.9	-19.5	-19.1	-17.3	-20.3	-19.9	-19.5	-19.1	-17.3
	Y=12H	-20.4	-20.0	-19.6	-19.2	-17.5	-20.4	-20.0	-19.6	-19.2	-17.5
X=4H	Y=2H	-19.9	-19.5	-19.2	-18.8	-17.0	-19.9	-19.5	-19.2	-18.8	-17.0
	Y=3H	-20.4	-20.0	-19.6	-19.2	-17.5	-20.4	-20.0	-19.6	-19.2	-17.5
	Y=4H	-20.6	-20.3	-19.7	-19.4	-17.7	-20.6	-20.3	-19.7	-19.4	-17.7
	Y=6H	-20.8	-20.5	-19.9	-19.6	-17.9	-20.8	-20.5	-19.9	-19.6	-17.9
	Y=8H	-21.0	-20.7	-20.0	-19.7	-18.0	-21.0	-20.7	-20.0	-19.7	-18.0
	Y=12H	-21.1	-20.8	-20.1	-19.9	-18.1	-21.1	-20.8	-20.1	-19.9	-18.1
X=8H	Y=4H	-21.0	-20.7	-20.0	-19.7	-18.0	-21.0	-20.7	-20.0	-19.7	-18.0
	Y=6H	-21.2	-21.0	-20.2	-20.0	-18.2	-21.2	-21.0	-20.2	-20.0	-18.2
	Y=8H	-21.3	-21.1	-20.3	-20.1	-18.3	-21.3	-21.1	-20.3	-20.1	-18.3
	Y=12H	-21.4	-21.3	-20.4	-20.2	-18.4	-21.4	-21.3	-20.4	-20.2	-18.4
X=12H	Y=4H	-21.1	-20.8	-20.1	-19.9	-18.1	-21.1	-20.8	-20.1	-19.9	-18.1
	Y=6H	-21.3	-21.1	-20.3	-20.1	-18.3	-21.3	-21.1	-20.3	-20.1	-18.3
	Y=8H	-21.4	-21.3	-20.4	-20.2	-18.4	-21.4	-21.3	-20.4	-20.2	-18.4
Variations with the observer position at spacings											
	S=1.0H	0.0/0.0					0.0/0.0				
	S=1.5H	0.0/0.0					0.0/0.0				
	S=2.0H	0.0/0.0					0.0/0.0				
Reduced UGR Table:											
Nordic Standard Table:	BKO					BKO					
Correction Value	0.0					0.0					

s calculated according to the document STD.CIE 117-1995

IES Indoor Report
Photometric Filename:JAO2601L.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
Y0.0	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Y1.0	1.04	1.53	1.21	2.43	0.85	0.80	0.70	0.52	0.56	0.88	0.90	0.60
Y2.0	1.10	1.41	1.22	3.34	2.03	0.81	0.53	0.69	0.55	0.48	0.52	0.90
Y3.0	1.79	1.94	1.88	3.51	2.91	0.45	0.89	0.96	0.90	0.70	0.62	0.64
Y4.0	1.78	3.15	2.90	3.56	2.76	0.58	0.92	0.68	0.76	0.90	0.93	0.45
Y5.0	1.60	3.38	2.94	4.14	3.32	0.87	0.58	0.50	0.69	0.52	0.62	0.79
Y6.0	2.29	3.47	4.27	4.80	3.78	0.61	0.72	0.93	1.57	1.17	0.49	0.85
Y7.0	3.29	4.19	5.67	4.91	3.56	0.40	0.98	1.95	2.33	2.55	0.87	0.49
Y8.0	3.78	4.50	6.03	5.13	3.88	0.71	0.68	2.54	2.47	2.59	0.77	0.56
Y9.0	4.20	4.33	6.01	5.78	4.35	0.80	0.49	3.75	2.98	2.99	1.17	0.89
Y10.0	4.96	4.70	6.73	5.88	4.18	0.43	0.87	4.47	5.60	3.96	2.73	0.67
Y11.0	5.16	5.64	7.28	6.10	4.34	0.47	1.58	4.22	6.06	4.17	3.94	0.44
Y12.0	5.03	6.10	6.74	6.70	4.92	0.81	1.85	4.24	6.38	4.28	3.86	0.75
Y13.0	5.65	6.10	6.33	6.55	4.90	0.64	2.83	4.85	7.05	4.94	4.29	0.85
Y14.0	6.18	6.54	6.64	6.05	4.98	0.37	4.20	5.43	7.55	5.31	5.02	0.49
Y15.0	6.01	7.00	6.72	6.23	5.51	0.65	4.76	5.69	7.61	5.48	5.22	0.54
Y16.0	6.09	6.65	6.18	6.63	5.68	0.82	4.99	6.47	6.99	6.55	5.41	0.89
Y17.0	6.54	6.46	5.05	6.30	5.55	0.46	5.64	7.77	7.59	7.76	5.87	0.72
Y18.0	6.55	6.54	3.50	6.17	5.93	0.43	5.95	7.99	7.78	8.02	6.51	0.44
Y19.0	6.28	5.51	3.18	5.62	6.01	0.80	6.00	7.70	7.56	8.53	6.68	0.73
Y20.0	6.55	3.26	2.84	3.38	5.70	0.69	6.41	7.64	8.29	8.85	7.03	0.89
Y21.0	6.74	3.22	3.06	2.66	6.02	0.38	7.07	7.55	8.35	8.45	7.66	0.52
Y22.0	6.32	3.48	3.16	2.97	6.21	0.60	7.05	7.34	8.40	8.64	7.47	0.53
Y23.0	6.26	3.20	2.76	2.81	5.80	0.83	6.86	7.86	6.72	9.01	7.20	0.88
Y24.0	6.65	2.95	2.67	2.48	5.95	0.52	7.18	7.78	4.60	8.02	7.72	0.73
Y25.0	6.49	3.24	2.98	2.79	6.18	0.40	7.30	7.80	4.21	7.78	7.88	0.44
Y26.0	6.18	3.33	2.84	2.84	5.83	0.76	6.99	7.46	3.82	7.32	7.55	0.71
Y27.0	6.43	2.94	2.46	2.42	5.93	0.75	7.12	5.17	3.90	5.11	7.84	0.88
Y28.0	6.48	2.94	2.60	2.58	6.24	0.40	7.61	3.97	4.17	4.03	8.25	0.54
Y29.0	6.09	3.27	2.84	2.80	5.87	0.55	7.53	3.62	3.89	4.30	8.07	0.53
Y30.0	6.18	3.12	2.79	2.42	5.79	0.84	7.22	3.42	3.66	4.40	7.91	0.89
Y31.0	6.17	2.81	2.38	2.38	6.16	0.57	7.57	3.75	3.95	4.04	8.26	0.73
Y32.0	5.03	3.03	2.57	2.72	5.53	0.41	8.02	3.82	4.01	4.26	8.41	0.44
Y33.0	4.28	3.33	2.58	2.58	4.19	0.73	8.08	3.49	3.61	4.57	8.19	0.73
Y34.0	4.57	2.87	2.19	2.35	3.95	0.79	8.41	3.63	3.66	4.26	8.35	0.89
Y35.0	4.40	2.69	2.21	2.61	3.80	0.43	8.84	4.00	4.18	4.30	8.54	0.53
Y36.0	4.03	2.98	2.49	2.55	3.49	0.54	8.85	3.82	3.72	4.69	8.32	0.54
Y37.0	4.28	2.91	2.27	2.17	3.78	0.85	8.56	3.60	3.36	4.46	8.20	0.89
Y38.0	4.41	2.51	2.11	2.38	3.81	0.63	8.78	3.90	3.60	4.25	8.54	0.74
Y39.0	4.01	2.63	2.19	2.53	3.42	0.40	9.05	4.01	3.72	4.63	8.36	0.46
Y40.0	4.03	2.88	2.33	2.12	3.64	0.73	8.09	3.64	3.33	4.55	6.83	0.75
Y41.0	4.30	2.57	1.96	2.15	3.84	0.83	6.36	3.68	3.24	4.22	6.07	0.88
Y42.0	4.01	2.35	1.91	2.46	3.44	0.47	5.85	4.04	3.59	4.52	6.19	0.50
Y43.0	3.76	2.64	2.24	2.17	3.45	0.53	5.78	3.91	3.38	4.71	5.93	0.53

IES Indoor Report
Photometric Filename:JAO2601L.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
Y 44.0	4.06	2.63	2.82	1.94	3.79	0.88	5.45	3.66	3.02	4.35	5.74	0.88
Y 45.0	3.99	2.21	2.65	2.26	3.48	0.69	5.71	3.95	3.17	4.46	6.12	0.69
Y 46.0	3.52	2.24	2.85	2.19	3.30	0.45	6.07	4.12	3.38	4.77	6.22	0.43
Y 47.0	3.55	2.57	3.04	1.81	3.56	0.76	5.80	3.76	3.14	4.46	5.85	0.73
Y 48.0	3.70	2.56	2.69	2.35	3.31	0.92	5.68	3.69	4.88	4.29	5.94	0.84
Y 49.0	3.28	2.45	2.50	2.73	2.91	0.58	6.13	3.98	5.75	4.59	6.32	0.48
Y 50.0	3.04	2.74	2.77	2.38	3.13	0.60	6.20	3.82	5.68	4.39	6.12	0.52
Y 51.0	3.28	2.85	2.73	2.37	3.07	0.96	5.84	3.41	5.22	4.01	5.83	0.87
Y 52.0	3.10	2.44	2.32	2.69	2.59	0.82	5.91	3.88	5.20	4.75	6.03	0.67
Y 53.0	2.63	2.39	2.37	2.46	2.70	0.57	6.08	5.26	5.41	5.60	6.03	0.40
Y 54.0	2.77	2.68	2.63	2.19	2.82	0.88	5.67	5.30	5.09	5.28	5.55	0.69
Y 55.0	2.95	2.48	2.35	2.50	2.43	1.07	5.33	5.15	4.74	5.39	5.41	0.82
Y 56.0	2.53	2.12	2.02	2.46	2.42	0.75	5.54	5.42	4.93	5.59	5.64	0.45
Y 57.0	2.32	2.30	2.21	2.03	2.67	0.77	5.45	5.28	4.96	5.17	5.39	0.47
Y 58.0	2.59	2.44	2.26	2.14	2.29	1.16	4.98	4.81	4.48	4.98	4.97	0.82
Y 59.0	2.43	2.01	1.86	2.29	2.08	1.06	4.93	4.83	4.35	5.22	5.08	0.64
Y 60.0	1.99	1.83	1.77	1.84	2.36	0.80	5.07	5.01	4.59	4.92	5.15	0.36
Y 61.0	2.09	2.09	2.07	1.68	2.12	1.13	4.66	4.64	4.35	4.52	4.67	0.65
Y 62.0	2.28	1.97	1.92	1.98	1.76	1.35	4.28	4.29	3.90	4.72	4.44	0.78
Y 63.0	1.90	1.54	1.53	1.77	2.04	0.98	4.44	4.47	3.92	4.64	4.66	0.42
Y 64.0	1.68	1.64	1.65	1.40	1.99	0.86	4.36	4.44	3.91	4.13	4.44	0.43
Y 65.0	1.96	1.84	1.85	1.65	1.55	1.13	3.84	3.95	3.40	4.17	3.97	0.78
Y 66.0	1.86	1.50	1.51	1.74	1.71	0.92	3.74	3.84	3.01	4.24	4.02	0.60
Y 67.0	1.44	1.27	1.30	1.30	1.84	0.54	3.94	4.06	3.22	3.67	4.11	0.32
Y 68.0	1.54	1.55	1.59	1.30	1.40	0.72	3.60	3.76	3.02	3.39	3.66	0.61
Y 69.0	1.74	1.52	1.54	1.58	1.40	0.82	3.21	3.28	2.53	3.62	3.38	0.73
Y 70.0	1.37	1.09	1.11	1.26	1.67	0.39	3.39	3.25	2.55	3.24	3.59	0.37
Y 71.0	1.13	1.12	1.13	0.98	1.29	0.34	3.37	3.16	2.75	2.76	3.42	0.40
Y 72.0	1.42	1.36	1.40	1.29	1.03	0.70	2.86	2.55	2.35	2.89	2.91	0.74
Y 73.0	1.32	1.07	1.13	1.21	1.31	0.57	2.71	2.21	1.97	2.74	2.93	0.54
Y 74.0	0.91	0.79	0.82	0.79	1.11	0.26	2.90	2.25	2.17	2.19	3.05	0.28
Y 75.0	1.03	1.06	1.06	0.98	0.78	0.53	2.59	1.99	2.15	2.16	2.60	0.58
Y 76.0	1.23	1.10	1.14	1.14	1.06	0.70	2.18	1.52	1.70	2.20	2.29	0.69
Y 77.0	0.85	0.69	0.73	0.72	1.08	0.35	2.36	1.59	1.73	1.73	2.45	0.33
Y 78.0	0.68	0.69	0.68	0.66	0.64	0.40	2.39	1.77	1.98	1.59	2.29	0.37
Y 79.0	0.97	0.97	0.99	0.97	0.75	0.96	1.69	1.44	1.77	1.86	1.76	0.71
Y 80.0	0.82	0.75	0.83	0.71	0.95	1.00	1.48	1.18	1.41	1.59	1.79	0.62
Y 81.0	0.45	0.46	0.48	0.47	0.55	0.88	1.73	1.45	1.60	1.28	1.93	0.60
Y 82.0	0.67	0.73	0.67	0.81	0.50	1.05	1.53	1.41	1.75	1.58	1.48	1.05
Y 83.0	0.81	0.85	0.89	0.77	0.83	1.11	1.12	1.01	1.36	1.53	1.29	1.24
Y 84.0	0.42	0.47	0.58	0.40	0.59	0.65	1.26	1.08	1.20	1.10	1.54	0.76
Y 85.0	0.42	0.47	0.44	0.64	0.34	0.51	1.38	1.36	1.50	1.28	1.31	0.69
Y 86.0	0.77	0.81	0.76	0.82	0.70	0.78	0.96	1.10	1.43	1.42	0.90	0.93
Y 87.0	0.55	0.63	0.77	0.45	0.67	0.57	0.78	0.80	1.02	0.99	1.10	0.65

IES Indoor Report
Photometric Filename:JAO2601L.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
Y 88.0	0.30	0.35	0.41	0.46	0.30	0.21	1.06	1.07	1.10	0.99	1.13	0.31
Y 89.0	0.65	0.63	0.49	0.81	0.54	0.46	0.95	1.15	1.35	1.26	0.65	0.54
Y 90.0	0.66	0.79	0.81	0.55	0.72	0.65	0.52	0.75	1.02	0.91	0.60	0.65
Y 91.0	0.29	0.42	0.61	0.35	0.34	0.34	0.54	0.62	0.52	0.61	0.82	0.29
Y 92.0	0.46	0.40	0.34	0.71	0.40	0.36	0.85	0.88	0.82	0.88	0.60	0.33
Y 93.0	0.73	0.76	0.60	0.67	0.73	0.83	0.98	0.78	0.93	0.78	2.00	0.74
Y 94.0	0.40	0.61	0.77	0.33	0.46	0.89	3.49	0.51	0.63	0.55	5.80	0.68
Y 95.0	0.33	0.30	0.44	0.58	0.31	0.74	7.96	1.51	1.72	2.26	10.05	0.53
Y 96.0	0.70	0.57	0.37	0.76	0.69	1.14	12.52	4.75	5.17	5.50	14.13	0.96
Y 97.0	0.55	0.75	0.72	0.38	0.59	1.56	16.50	8.27	8.77	9.10	18.50	1.30
Y 98.0	0.26	0.40	0.68	0.43	0.27	1.46	20.50	12.98	13.14	14.02	22.19	1.13
Y 99.0	0.58	0.35	0.31	0.76	0.59	1.56	24.15	18.70	18.60	19.27	24.74	1.33
Y 100.0	0.68	0.71	0.46	0.49	0.68	2.15	26.63	24.09	24.25	24.02	26.97	1.92
Y 101.0	0.29	0.60	0.75	0.32	0.30	2.39	27.77	28.97	29.45	29.11	28.39	2.02
Y 102.0	0.44	0.29	0.51	0.69	0.47	2.29	29.03	34.01	34.65	34.22	28.98	1.95
Y 103.0	0.73	0.53	0.29	0.63	0.74	2.67	30.06	38.79	39.95	38.46	29.76	2.45
Y 104.0	0.42	0.74	0.61	0.29	0.39	3.24	30.52	42.59	44.57	42.61	30.92	2.91
Y 105.0	0.33	0.40	0.70	0.58	0.38	3.28	31.23	45.94	48.53	46.76	31.44	2.85
Y 106.0	0.71	0.32	0.34	0.73	0.75	3.35	32.26	49.33	52.56	49.72	31.87	3.07
Y 107.0	0.58	0.69	0.36	0.36	0.53	3.96	32.78	51.88	56.22	51.93	32.85	3.72
Y 108.0	0.28	0.62	0.71	0.41	0.33	4.35	33.03	52.70	58.67	53.40	33.39	3.92
Y 109.0	0.61	0.28	0.58	0.76	0.71	4.28	33.79	53.44	60.55	53.99	33.53	3.88
Y 110.0	0.71	0.50	0.27	0.48	0.68	4.62	34.44	54.37	61.74	54.30	34.22	4.42
Y 111.0	0.34	0.74	0.49	0.31	0.34	5.27	34.52	54.75	62.32	55.18	34.84	4.96
Y 112.0	0.50	0.42	0.71	0.68	0.62	5.45	34.87	54.92	62.43	55.67	34.85	4.95
Y 113.0	0.79	0.31	0.43	0.63	0.77	5.46	35.61	55.59	62.97	55.76	35.32	5.20
Y 114.0	0.46	0.68	0.31	0.29	0.41	6.05	35.86	56.19	63.64	56.45	35.97	5.89
Y 115.0	0.40	0.66	0.64	0.57	0.54	6.56	35.85	56.19	63.72	56.91	35.98	6.14
Y 116.0	0.79	0.32	0.66	0.75	0.84	6.54	36.37	56.40	63.77	56.82	36.13	6.12
Y 117.0	0.64	0.49	0.30	0.39	0.54	6.81	36.84	57.00	64.33	57.27	36.77	6.64
Y 118.0	0.39	0.78	0.42	0.44	0.47	7.47	36.74	57.15	64.63	57.70	36.86	7.22
Y 119.0	0.74	0.51	0.75	0.79	0.88	7.71	36.87	56.95	64.44	57.46	36.76	7.24
Y 120.0	0.79	0.33	0.54	0.54	0.71	7.71	37.39	57.22	64.54	57.64	37.22	7.42
Y 121.0	0.46	0.70	0.30	0.36	0.47	8.22	37.45	57.55	64.93	58.01	37.45	8.09
Y 122.0	0.67	0.75	0.61	0.75	0.85	8.78	37.24	57.30	64.80	57.67	37.19	8.39
Y 123.0	0.93	0.39	0.75	0.71	0.87	8.78	37.56	57.08	64.46	57.60	37.40	8.35
Y 124.0	0.58	0.49	0.42	0.37	0.54	8.94	37.84	57.33	64.58	57.88	37.74	8.80
Y 125.0	0.61	0.82	0.41	0.65	0.80	9.60	37.56	57.28	64.63	57.48	37.47	9.41
Y 126.0	1.00	0.61	0.78	0.84	1.03	9.90	37.51	56.80	64.12	57.23	37.39	9.45
Y 127.0	0.77	0.39	0.68	0.49	0.67	9.84	37.87	56.68	63.78	57.41	37.76	9.56
Y 128.0	0.62	0.73	0.37	0.53	0.77	10.26	37.80	56.81	63.83	56.97	37.60	10.18
Y 129.0	1.02	0.84	0.58	0.89	1.13	10.86	37.43	56.40	63.49	56.52	37.28	10.53
Y 130.0	0.98	0.49	0.84	0.66	0.88	10.88	37.58	55.86	62.78	56.63	37.54	10.46
Y 131.0	0.68	0.57	0.56	0.47	0.78	10.97	37.76	55.84	62.53	56.19	37.55	10.82

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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 132.0	1.00	0.92	0.43	0.86	1.18	11.59	37.36	55.70	62.39	55.58	37.08	11.44
Y 133.0	1.16	0.72	0.78	0.88	1.11	11.90	37.13	55.01	61.69	55.58	37.10	11.50
Y 134.0	0.83	0.49	0.82	0.54	0.84	11.81	37.35	54.57	61.00	55.15	37.26	11.51
Y 135.0	0.99	0.85	0.48	0.77	1.20	12.16	37.22	54.50	60.83	54.40	36.79	12.09
Y 136.0	1.32	0.96	0.61	1.03	1.31	12.74	36.72	53.99	60.37	54.29	36.54	12.46
Y 137.0	1.04	0.61	0.94	0.71	0.97	12.76	36.65	53.19	59.45	53.87	36.72	12.37
Y 138.0	1.00	0.69	0.74	0.68	1.21	12.76	36.77	52.91	58.90	53.03	36.41	12.65
Y 139.0	1.41	1.05	0.51	1.07	1.50	13.31	36.34	52.66	58.65	52.80	35.92	13.24
Y 140.0	1.28	0.86	0.84	0.94	1.15	13.66	35.91	51.85	57.88	52.41	36.01	13.32
Y 141.0	1.07	0.65	1.00	0.68	1.23	13.51	36.00	51.17	56.94	51.47	35.87	13.29
Y 142.0	1.45	1.00	0.68	1.01	1.63	13.77	35.83	50.95	56.48	51.10	35.24	13.78
Y 143.0	1.51	1.13	0.69	1.17	1.39	14.33	35.22	50.38	55.95	50.74	35.09	14.17
Y 144.0	1.19	0.80	1.08	0.82	1.30	14.36	34.99	49.45	54.90	49.78	35.13	14.02
Y 145.0	1.45	0.90	0.98	0.90	1.74	14.29	35.05	48.94	54.08	49.27	34.54	14.23
Y 146.0	1.73	1.27	0.70	1.27	1.65	14.78	34.59	48.63	53.68	48.93	34.12	14.79
Y 147.0	1.41	1.08	0.96	1.09	1.41	15.15	34.01	47.76	52.85	47.90	34.18	14.84
Y 148.0	1.47	0.88	1.22	0.90	1.82	15.00	33.94	46.85	51.70	47.26	33.74	14.75
Y 149.0	1.93	1.25	0.95	1.27	1.97	15.15	33.78	46.49	51.01	46.91	33.09	15.21
Y 150.0	1.89	1.37	0.87	1.39	1.82	15.70	33.09	45.91	50.46	45.92	33.04	15.58
Y 151.0	1.92	1.05	1.26	1.06	2.36	15.77	32.69	44.82	49.39	45.11	32.84	15.42
Y 152.0	2.59	1.18	1.30	1.20	2.84	15.63	32.69	44.12	48.33	44.74	32.10	15.56
Y 153.0	2.94	1.53	0.99	1.57	2.82	16.02	32.25	43.71	47.76	43.77	31.82	16.08
Y 154.0	2.95	1.36	1.16	1.36	3.36	16.40	31.51	42.80	46.92	42.81	31.73	16.13
Y 155.0	3.57	1.18	1.50	1.21	4.06	16.23	31.29	41.72	45.61	42.40	31.02	15.98
Y 156.0	4.23	1.58	1.30	1.62	4.14	16.27	31.14	41.17	44.71	41.46	30.50	16.37
Y 157.0	4.34	1.70	1.12	1.71	4.61	16.76	30.44	40.54	44.11	40.36	30.46	16.72
Y 158.0	4.83	1.40	1.51	1.42	5.48	16.86	29.84	39.39	42.98	39.89	29.91	16.52
Y 159.0	5.71	1.56	1.65	1.61	5.73	16.65	29.74	38.47	41.69	38.99	29.17	16.61
Y 160.0	6.06	1.97	1.36	2.00	6.12	16.97	29.31	37.96	40.91	37.81	29.02	17.10
Y 161.0	6.33	1.99	1.47	2.03	7.05	17.35	28.47	37.02	40.05	37.24	28.64	17.11
Y 162.0	7.18	2.21	1.88	2.29	7.42	17.14	28.08	35.80	38.69	36.43	27.80	16.92
Y 163.0	7.83	3.07	1.84	3.17	7.72	17.10	27.94	35.09	37.58	35.15	27.49	17.29
Y 164.0	8.05	3.74	1.93	3.81	8.70	17.55	27.23	34.47	36.87	34.50	27.29	17.57
Y 165.0	8.77	4.06	2.74	4.14	9.28	17.65	26.49	33.26	35.75	33.75	26.43	17.31
Y 166.0	9.69	4.91	3.59	5.06	9.52	17.38	26.26	32.15	34.30	32.42	25.87	17.39
Y 167.0	10.02	6.03	4.03	6.15	10.44	17.63	25.88	31.56	33.31	31.62	25.72	17.84
Y 168.0	10.45	6.64	4.79	6.72	11.15	17.99	25.02	30.62	32.49	30.92	24.99	17.76
Y 169.0	11.40	7.28	6.05	7.45	11.36	17.76	24.47	29.29	31.14	29.60	24.27	17.54
Y 170.0	12.02	8.54	6.97	8.74	12.19	17.66	24.29	28.42	29.82	28.66	24.11	17.90
Y 171.0	12.68	9.18	8.10	9.35	12.60	17.84	23.40	27.34	28.85	27.56	23.25	17.67
Y 172.0	13.35	10.38	9.21	10.59	13.41	17.74	23.09	26.33	27.49	26.66	23.00	17.90
Y 173.0	13.98	11.35	10.35	11.56	14.05	17.79	22.50	25.31	26.32	25.66	22.46	17.91
Y 174.0	14.44	12.57	11.31	12.73	14.90	17.99	22.11	24.44	25.25	24.93	21.98	18.20
Y 175.0	15.16	13.50	12.56	13.68	15.47	17.93	21.51	23.31	24.06	23.85	21.46	18.10

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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 176.0	15.43	14.17	13.43	14.27	15.69	18.17	20.53	22.68	23.30	22.57	20.55	18.03
Y 177.0	16.23	15.55	14.78	15.62	16.68	18.34	20.33	21.41	22.05	21.91	19.92	18.36
Y 178.0	17.02	16.51	16.19	16.70	17.33	18.07	19.74	20.27	20.55	20.73	19.57	17.99
Y 179.0	17.67	17.40	17.40	17.44	17.94	18.34	18.99	19.16	19.79	19.85	18.86	18.23
Y 180.0	18.34	18.34	18.34	18.34	18.34	18.34	18.34	18.34	18.34	18.34	18.34	18.34