

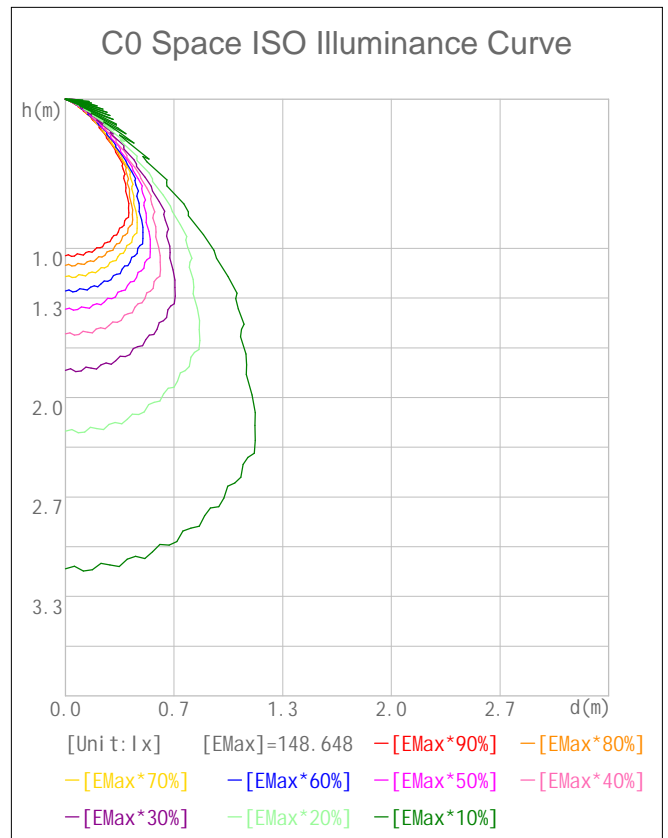
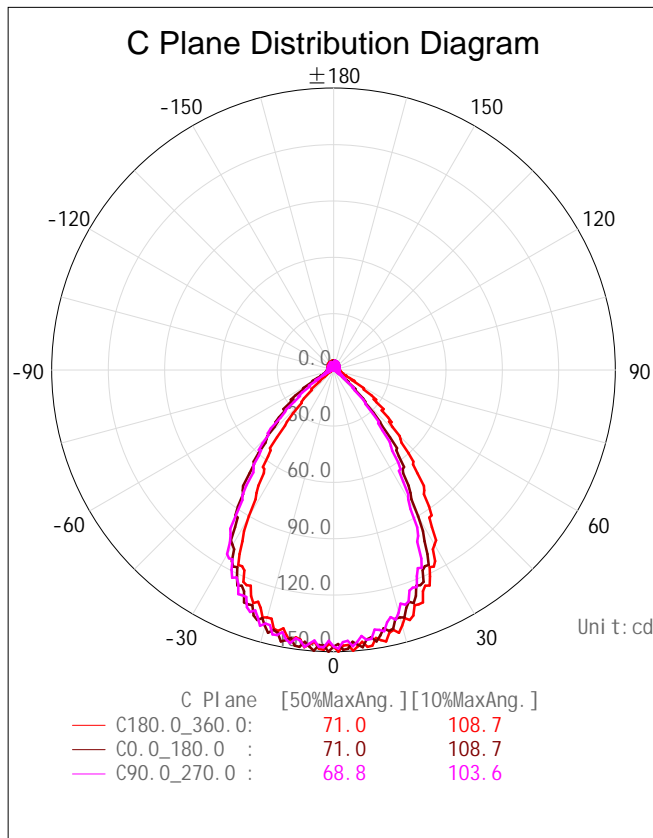
Indoor Luminaire Photometric Data

Description Information

Luminary Name:		Lum. Catalog:	Test ID:
Lamp Name: LED		Lamp Catalog: 1	Test Date: 2020/06/23
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

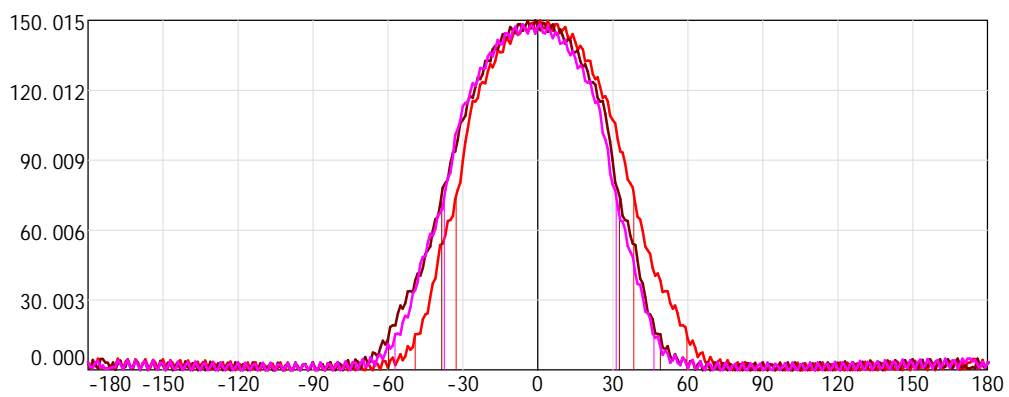
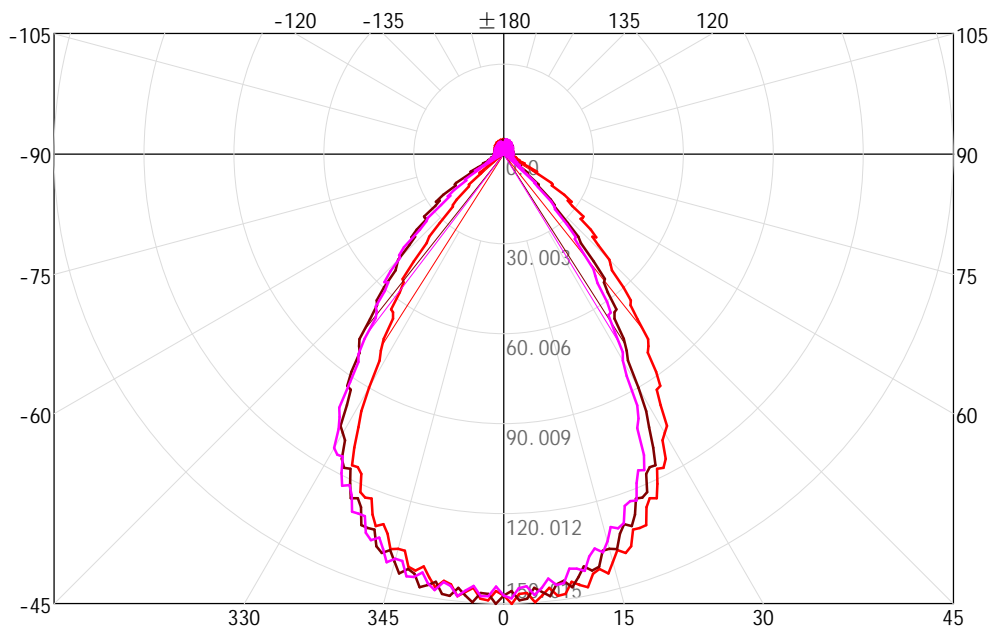
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1.000		Luminary Flux(lm): 209.758	Field Angle(10%Imax): 108.7(°)
Rated Power(W):		Luminary Efficiency: 20975.83%	Down Lumens&Percent: 199.181lm 94.96%
Rated Voltage(V):		Luminary EER(lm/W): 57.880	Up Lumens&Percent: 10.577lm 5.04%
Tested Power(W): 3.624		Max. Candela(cd): 150.015	S/MH: C0_a180=1.075 C90_270=1.065
Lamps' Inside: 1		Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics(V, A, pf): 12.7, 0.363, 0.780		Beam Angle(50%Imax): 71.0(°)	ErP Φuse(90°): 169.041lm
Lamp Size(W*L*H): 0.000m*0.000m*0.000m		Left=-32.6°, Right=38.4°	IRF(%): 183.988



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: 2020/06/23

C Plane Distribution Diagram

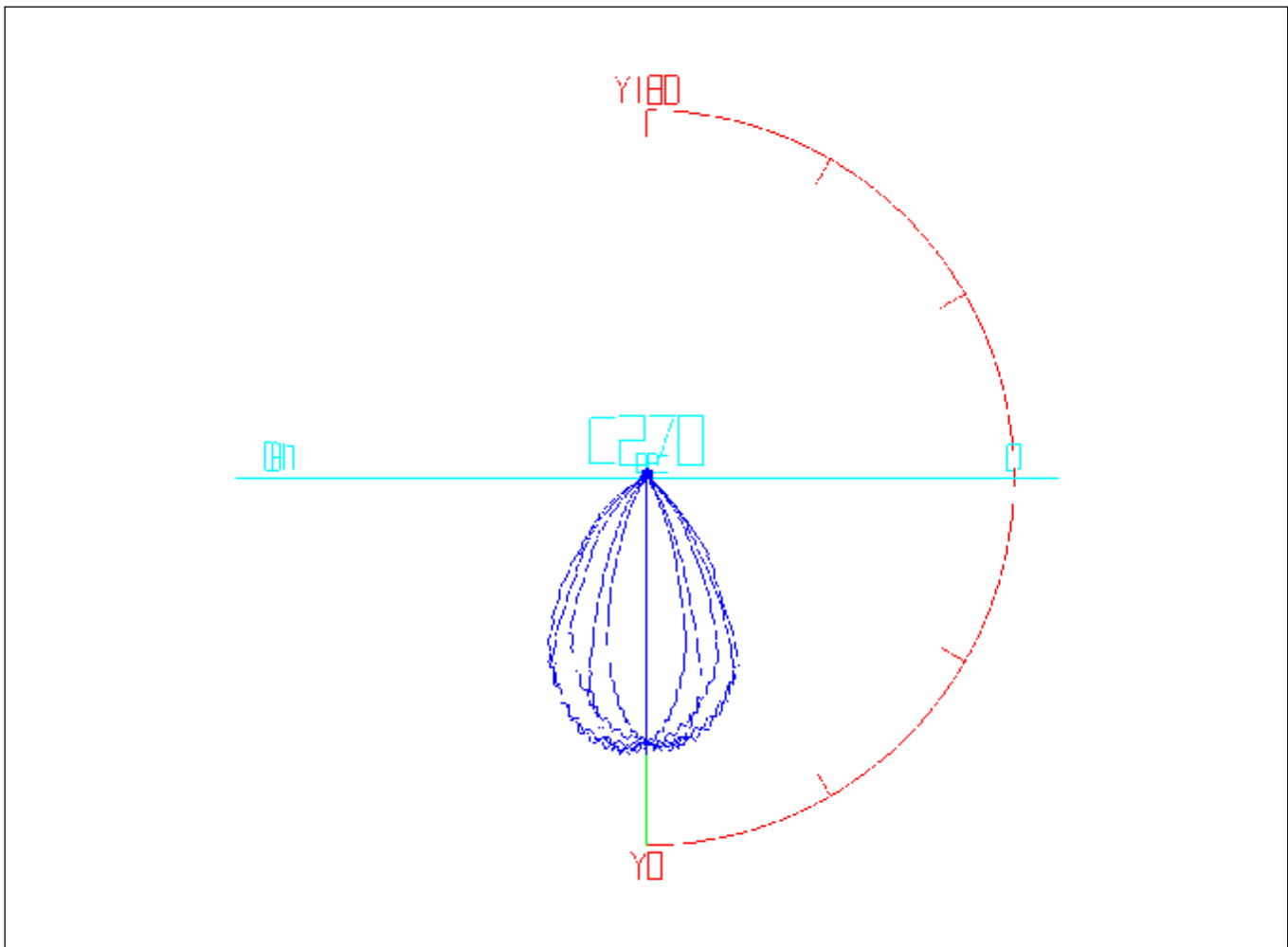


	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit: cd
— (Red)	C180.0_360.0 :	71.0	108.7	
— (Black)	C0.0_180.0 :	71.0	108.7	
— (Magenta)	C90.0_270.0 :	68.8	103.6	

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: 2020/06/23

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:IWH1501LS-6.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	0.14	0.14	14.05	14.05	44.0-45.0	2.93	2.93	293.46	293.46
1.0-2.0	0.42	0.56	41.98	56.03	45.0-46.0	2.74	5.68	274.04	567.50
2.0-3.0	0.70	1.26	70.07	126.09	46.0-47.0	2.49	8.17	249.40	816.90
3.0-4.0	0.98	2.24	98.19	224.28	47.0-48.0	2.31	10.48	230.84	1047.74
4.0-5.0	1.26	3.50	125.55	349.83	48.0-49.0	2.15	12.63	214.97	1262.71
5.0-6.0	1.53	5.03	153.07	502.90	49.0-50.0	1.92	14.54	191.65	1454.36
6.0-7.0	1.81	6.84	181.03	683.93	50.0-51.0	1.71	16.25	171.00	1625.36
7.0-8.0	2.08	8.91	207.56	891.48	51.0-52.0	1.60	17.86	160.23	1785.59
8.0-9.0	2.33	11.25	233.42	1124.90	52.0-53.0	1.45	19.31	145.44	1931.03
9.0-10.0	2.60	13.85	260.33	1385.24	53.0-54.0	1.27	20.58	126.58	2057.61
10.0-11.0	2.86	16.71	285.81	1671.05	54.0-55.0	1.18	21.76	118.06	2175.67
11.0-12.0	3.09	19.80	309.16	1980.21	55.0-56.0	1.12	22.88	111.94	2287.61
12.0-13.0	3.34	23.14	333.82	2314.03	56.0-57.0	0.97	23.84	96.70	2384.31
13.0-14.0	3.58	26.72	358.10	2672.13	57.0-58.0	0.85	24.70	85.19	2469.51
14.0-15.0	3.79	30.51	378.75	3050.88	58.0-59.0	0.83	25.52	82.61	2552.11
15.0-16.0	4.00	34.50	399.61	3450.49	59.0-60.0	0.74	26.26	74.09	2626.21
16.0-17.0	4.22	38.72	421.94	3872.43	60.0-61.0	0.61	26.87	60.78	2686.99
17.0-18.0	4.40	43.13	440.37	4312.80	61.0-62.0	0.56	27.43	56.33	2743.32
18.0-19.0	4.57	47.69	456.62	4769.42	62.0-63.0	0.54	27.98	54.26	2797.58
19.0-20.0	4.76	52.45	475.71	5245.13	63.0-64.0	0.44	28.41	43.92	2841.50
20.0-21.0	4.92	57.38	492.46	5737.59	64.0-65.0	0.36	28.77	35.69	2877.19
21.0-22.0	5.04	62.42	504.04	6241.63	65.0-66.0	0.37	29.14	36.93	2914.12
22.0-23.0	5.18	67.59	517.57	6759.19	66.0-67.0	0.35	29.49	35.01	2949.13
23.0-24.0	5.32	72.91	532.11	7291.30	67.0-68.0	0.26	29.75	25.67	2974.80
24.0-25.0	5.40	78.32	540.37	7831.67	68.0-69.0	0.24	29.98	23.55	2998.35
25.0-26.0	5.46	83.77	545.82	8377.50	69.0-70.0	0.28	30.27	28.23	3026.58
26.0-27.0	5.52	89.30	552.11	8929.60	70.0-71.0	0.23	30.50	23.47	3050.05
27.0-28.0	5.53	94.82	552.64	9482.24	71.0-72.0	0.16	30.66	16.02	3066.07
28.0-29.0	5.46	100.28	545.77	10028.01	72.0-73.0	0.21	30.88	21.44	3087.51
29.0-30.0	5.40	105.68	540.09	10568.10	73.0-74.0	0.25	31.12	24.58	3112.08
30.0-31.0	5.34	111.03	534.47	11102.57	74.0-75.0	0.15	31.27	15.04	3127.13
31.0-32.0	5.21	116.24	521.49	11624.06	75.0-76.0	0.15	31.42	14.59	3141.72
32.0-33.0	5.07	121.31	506.60	12130.66	76.0-77.0	0.24	31.66	23.78	3165.50
33.0-34.0	4.94	126.24	493.78	12624.44	77.0-78.0	0.18	31.84	18.49	3183.99
34.0-35.0	4.77	131.02	477.28	13101.73	78.0-79.0	0.10	31.94	9.73	3193.73
35.0-36.0	4.57	135.59	457.12	13558.85	79.0-80.0	0.18	32.12	18.29	3212.02
36.0-37.0	4.39	139.98	439.10	13997.95	80.0-81.0	0.21	32.33	21.22	3233.24
37.0-38.0	4.22	144.20	422.35	14420.30	81.0-82.0	0.10	32.43	10.25	3243.49
38.0-39.0	4.02	148.23	402.38	14822.68	82.0-83.0	0.12	32.56	12.46	3255.94
39.0-40.0	3.82	152.04	381.80	15204.48	83.0-84.0	0.22	32.78	21.93	3277.87
40.0-41.0	3.65	155.70	365.29	15569.78	84.0-85.0	0.15	32.93	15.39	3293.26
41.0-42.0	3.49	159.19	348.95	15918.73	85.0-86.0	0.08	33.02	8.48	3301.75
42.0-43.0	3.28	162.47	328.03	16246.76	86.0-87.0	0.19	33.20	18.70	3320.45
43.0-44.0	3.08	165.55	308.42	16555.18	87.0-88.0	0.20	33.40	19.68	3340.13

IES Indoor Report
Photometric Filename:IWH1501LS-6.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	0.09	0.09	8.79	8.79	132.0-133.0	0.15	0.15	14.56	14.56
89.0-90.0	0.14	0.23	14.00	22.79	133.0-134.0	0.16	0.31	16.35	30.91
90.0-91.0	0.21	0.44	20.79	43.58	134.0-135.0	0.13	0.44	12.71	43.62
91.0-92.0	0.13	0.56	12.72	56.31	135.0-136.0	0.13	0.56	12.57	56.19
92.0-93.0	0.10	0.66	10.03	66.34	136.0-137.0	0.16	0.73	16.44	72.63
93.0-94.0	0.19	0.85	18.69	85.03	137.0-138.0	0.14	0.87	14.42	87.05
94.0-95.0	0.17	1.02	17.29	102.32	138.0-139.0	0.11	0.98	10.90	97.96
95.0-96.0	0.10	1.12	10.09	112.40	139.0-140.0	0.14	1.12	14.34	112.29
96.0-97.0	0.16	1.28	15.52	127.93	140.0-141.0	0.16	1.28	16.13	128.42
97.0-98.0	0.19	1.47	19.06	146.99	141.0-142.0	0.12	1.40	12.02	140.44
98.0-99.0	0.12	1.59	12.02	159.01	142.0-143.0	0.12	1.52	11.92	152.36
99.0-100.0	0.12	1.71	11.69	170.69	143.0-144.0	0.16	1.68	16.02	168.38
100.0-101.0	0.17	1.88	17.34	188.03	144.0-145.0	0.14	1.82	13.92	182.29
101.0-102.0	0.15	2.03	14.77	202.81	145.0-146.0	0.10	1.93	10.47	192.77
102.0-103.0	0.11	2.14	11.33	214.14	146.0-147.0	0.14	2.07	13.86	206.63
103.0-104.0	0.15	2.30	15.37	229.51	147.0-148.0	0.15	2.22	15.23	221.86
104.0-105.0	0.17	2.46	16.73	246.23	148.0-149.0	0.11	2.33	10.91	232.77
105.0-106.0	0.13	2.59	13.15	259.38	149.0-150.0	0.11	2.44	10.98	243.74
106.0-107.0	0.13	2.73	13.36	272.74	150.0-151.0	0.15	2.58	14.67	258.42
107.0-108.0	0.16	2.89	16.28	289.02	151.0-152.0	0.12	2.71	12.46	270.88
108.0-109.0	0.15	3.04	14.86	303.88	152.0-153.0	0.09	2.80	9.23	280.11
109.0-110.0	0.13	3.17	12.77	316.66	153.0-154.0	0.12	2.92	11.98	292.09
110.0-111.0	0.14	3.31	14.14	330.79	154.0-155.0	0.13	3.05	13.13	305.22
111.0-112.0	0.15	3.46	14.87	345.67	155.0-156.0	0.09	3.15	9.43	314.65
112.0-113.0	0.14	3.60	14.03	359.69	156.0-157.0	0.09	3.24	9.26	323.91
113.0-114.0	0.14	3.73	13.66	373.35	157.0-158.0	0.12	3.36	11.84	335.75
114.0-115.0	0.15	3.88	14.73	388.09	158.0-159.0	0.10	3.46	10.04	345.79
115.0-116.0	0.15	4.04	15.50	403.58	159.0-160.0	0.08	3.53	7.70	353.49
116.0-117.0	0.14	4.18	14.11	417.69	160.0-161.0	0.09	3.63	9.39	362.88
117.0-118.0	0.13	4.31	13.43	431.13	161.0-162.0	0.10	3.73	9.97	372.84
118.0-119.0	0.15	4.46	14.84	445.97	162.0-163.0	0.07	3.80	7.46	380.31
119.0-120.0	0.15	4.61	15.10	461.07	163.0-164.0	0.07	3.87	7.03	387.33
120.0-121.0	0.13	4.74	13.29	474.35	164.0-165.0	0.08	3.96	8.36	395.70
121.0-122.0	0.13	4.88	13.44	487.79	165.0-166.0	0.07	4.03	7.32	403.01
122.0-123.0	0.16	5.03	15.67	503.46	166.0-167.0	0.06	4.09	5.63	408.65
123.0-124.0	0.14	5.18	14.49	517.95	167.0-168.0	0.06	4.15	6.10	414.75
124.0-125.0	0.12	5.30	12.47	530.42	168.0-169.0	0.06	4.21	6.37	421.12
125.0-126.0	0.15	5.45	15.02	545.44	169.0-170.0	0.05	4.26	5.05	426.17
126.0-127.0	0.16	5.62	16.18	561.61	170.0-171.0	0.05	4.31	4.61	430.79
127.0-128.0	0.13	5.75	12.98	574.60	171.0-172.0	0.04	4.35	4.35	435.14
128.0-129.0	0.13	5.88	13.04	587.64	172.0-173.0	0.04	4.39	3.68	438.81
129.0-130.0	0.16	6.04	16.28	603.92	173.0-174.0	0.03	4.42	3.06	441.88
130.0-131.0	0.14	6.18	14.42	618.34	174.0-175.0	0.03	4.44	2.54	444.42
131.0-132.0	0.11	6.30	11.36	629.70	175.0-176.0	0.02	4.47	2.42	446.84

IES Indoor Report

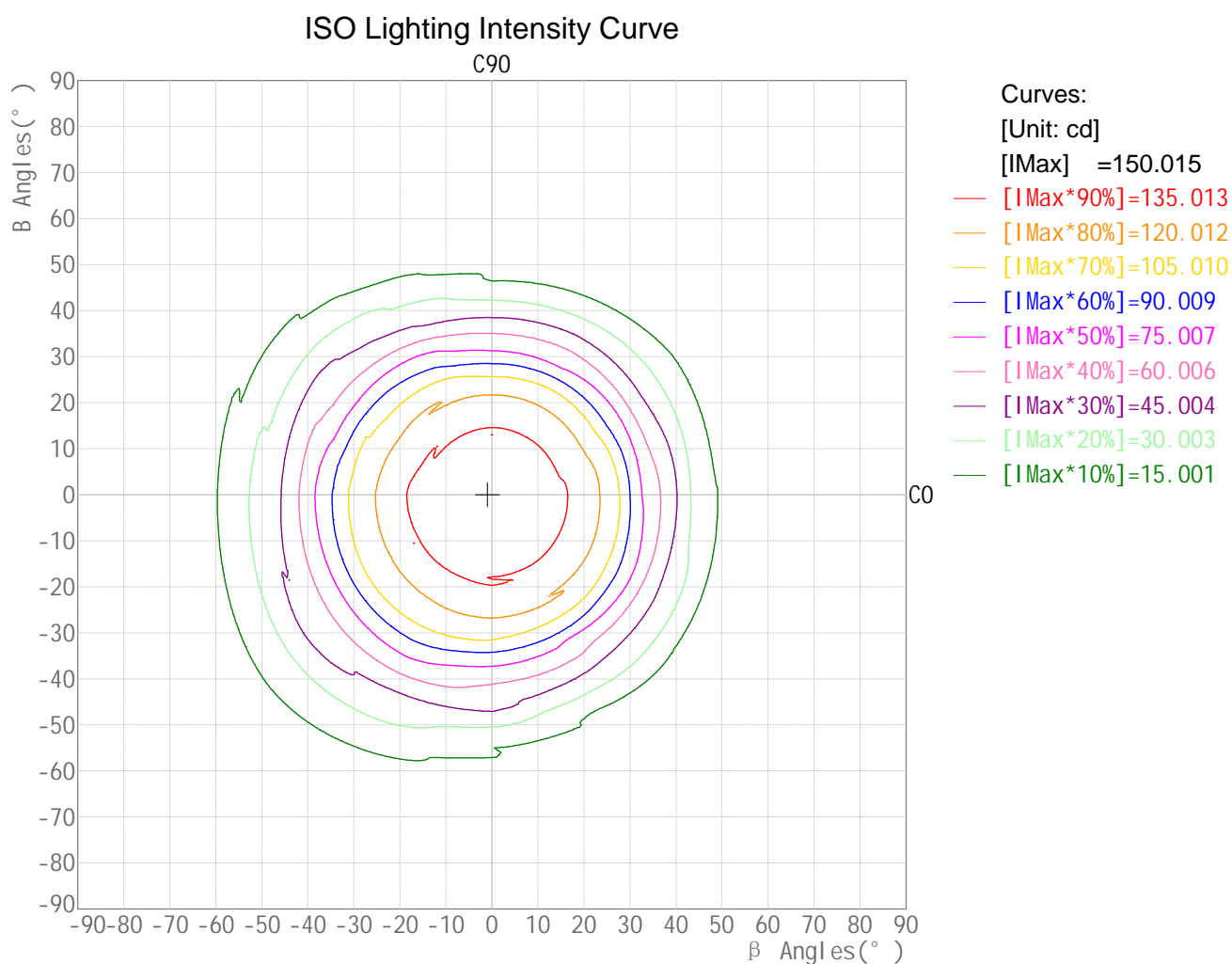
Photometric Filename:IWH1501LS-6.IES

Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
176.0-177.0	0.02	0.02	1.66	1.66
177.0-178.0	0.01	0.03	1.25	2.91
178.0-179.0	0.01	0.04	0.80	3.71
179.0-180.0	0.00	0.04	0.26	3.97

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: 2020/06/23

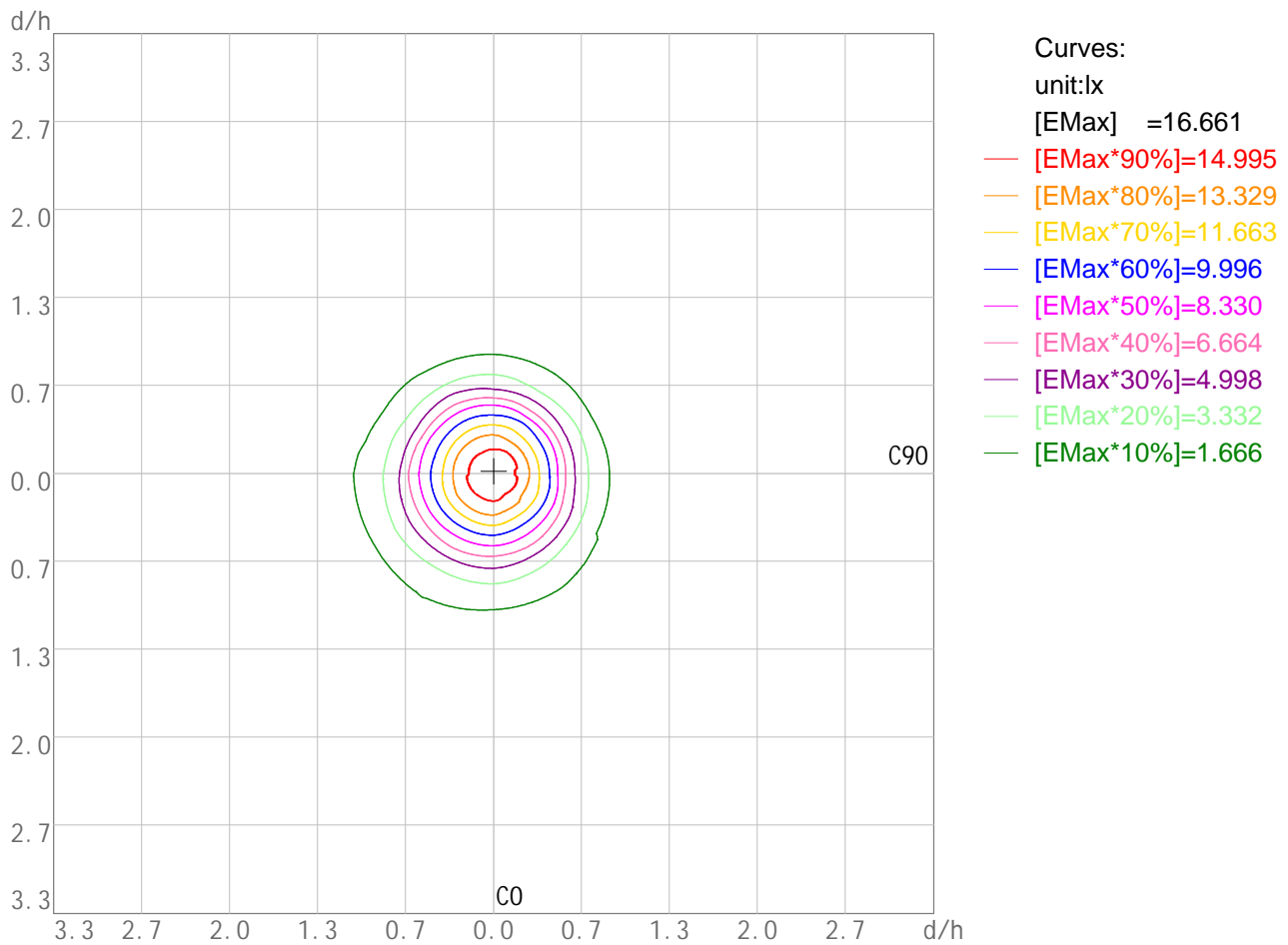


Maximum Light Intensity(cd): 150.01
 Maximum Cand.@Angle: H=-1.0°,V=0.0°

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: 2020/06/23

Plane ISO-Illuminance Curve

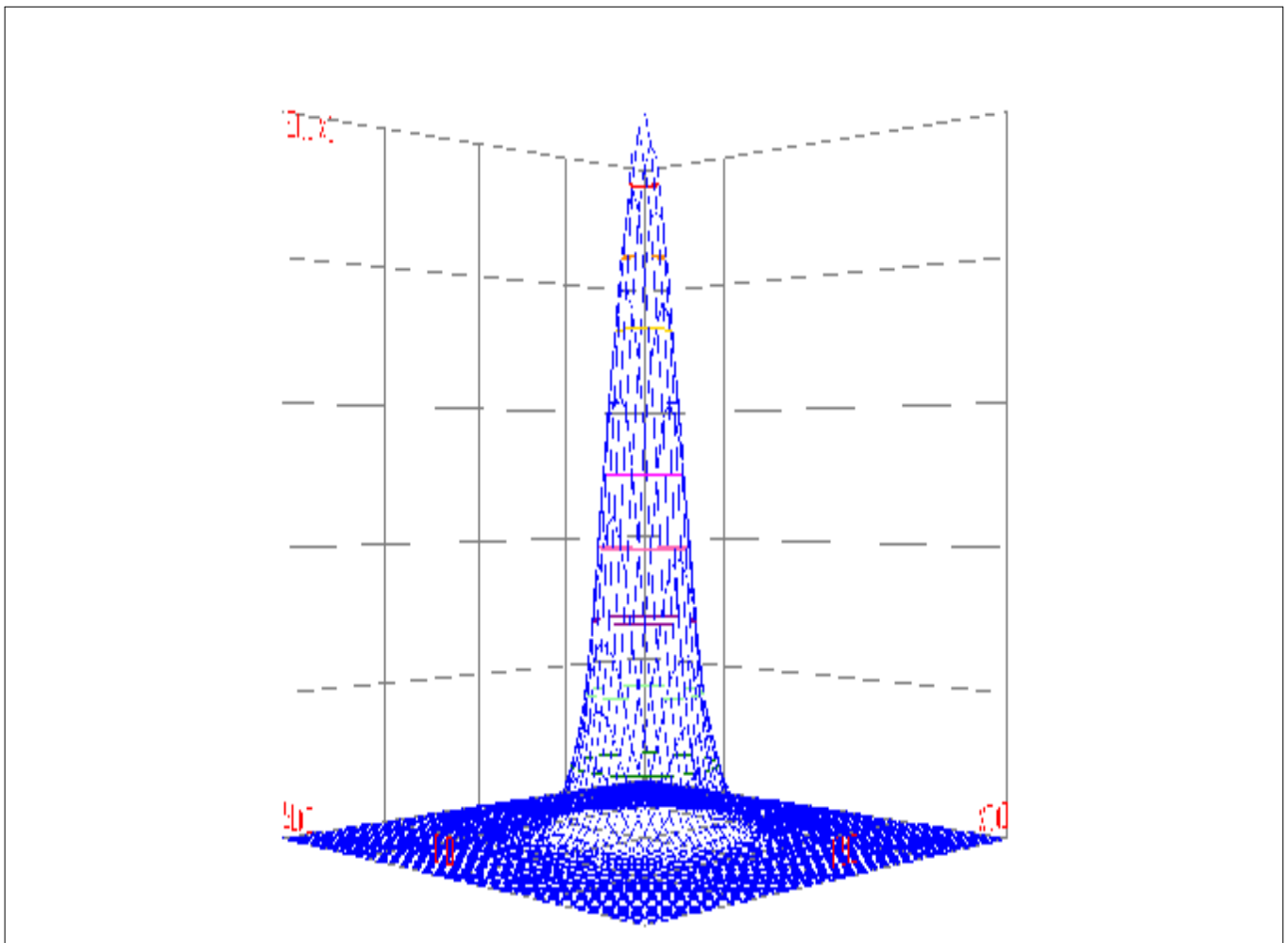


Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 16.66
 Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

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: 2020/06/23

3D Plane Illuminance Modal

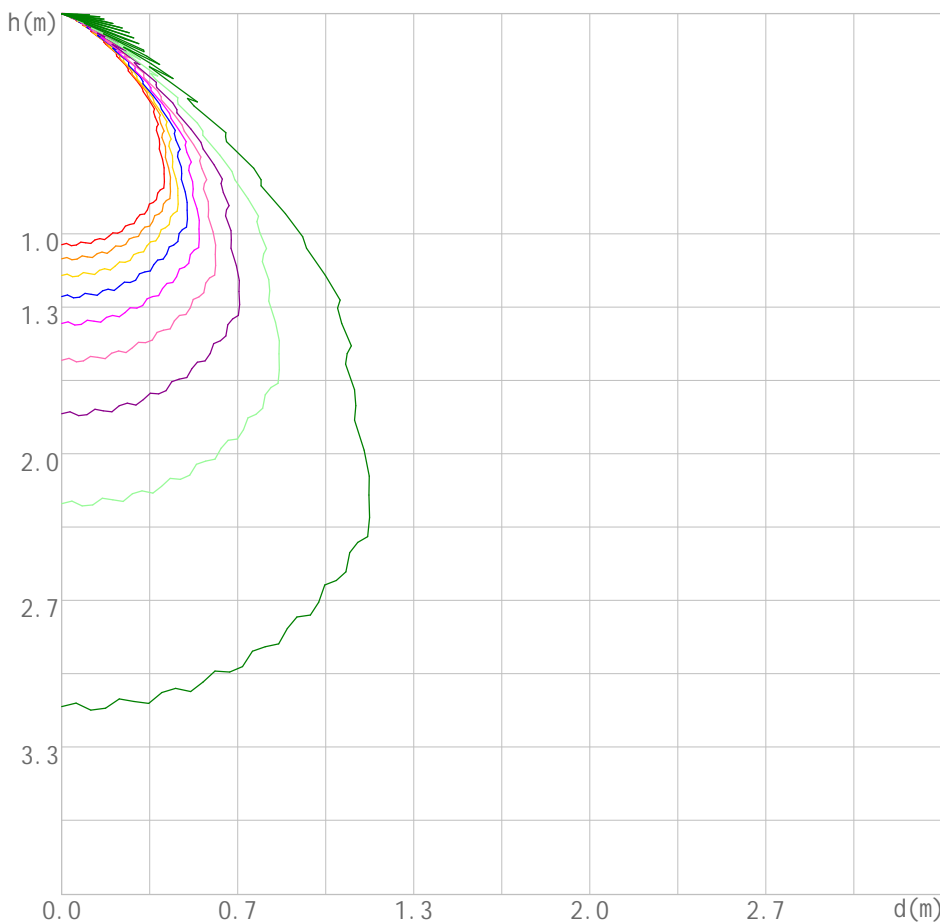


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

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: 2020/06/23

Space ISO Illuminance Curve



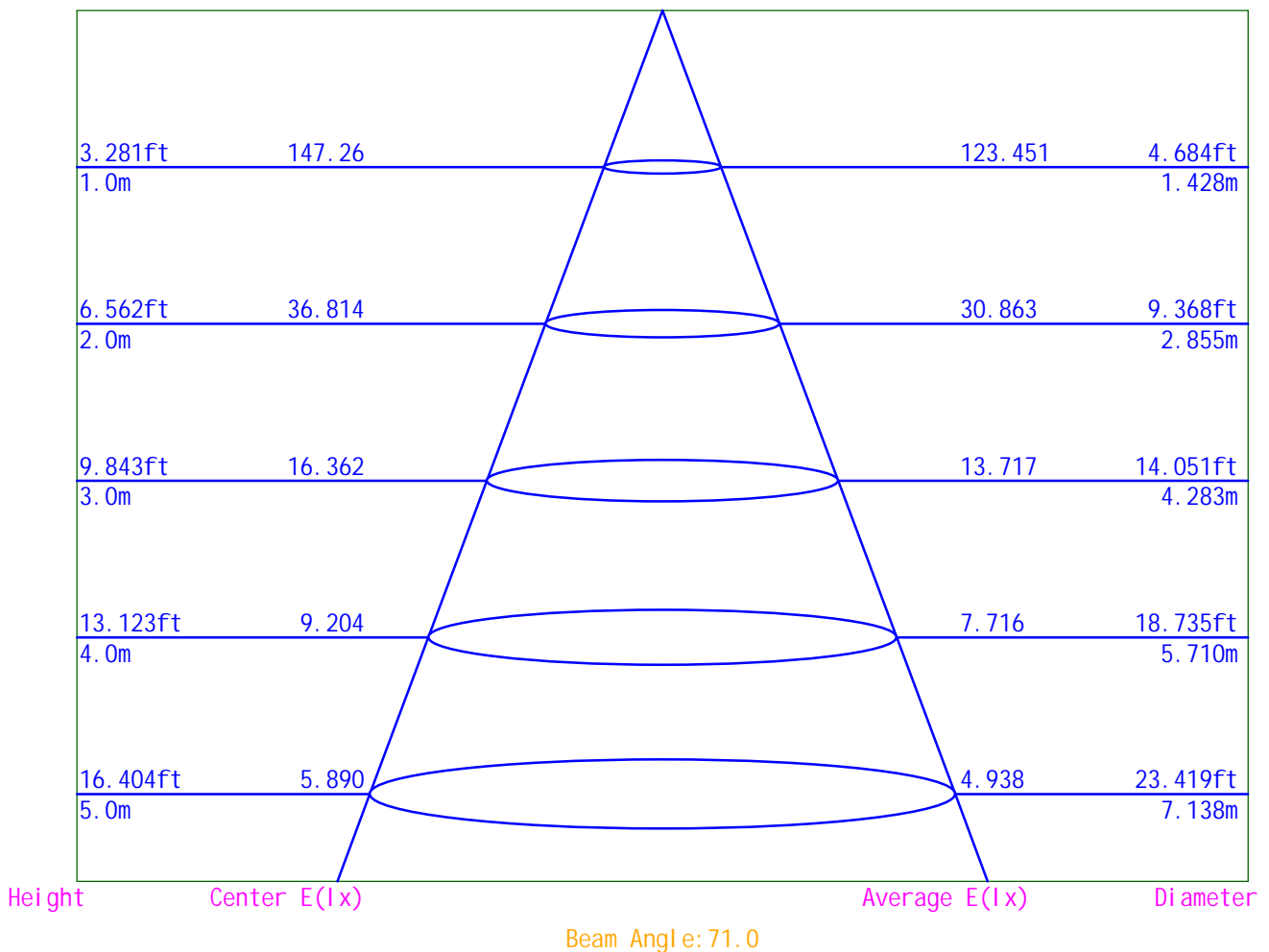
- Curves:
 [Unit: lx]
 [EMax] =148.648
- [EMax*90%]=133.783
 - [EMax*80%]=118.918
 - [EMax*70%]=104.054
 - [EMax*60%]=89.189
 - [EMax*50%]=74.324
 - [EMax*40%]=59.459
 - [EMax*30%]=44.594
 - [EMax*20%]=29.730
 - [EMax*10%]=14.865

Space Plane Maximum Illuminance and @Angle:148.65lx,2.0deg
 Plane Maximum Lighting Intensity and @Angle:148.920cd,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: 2020/06/23

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: 2020/06/23

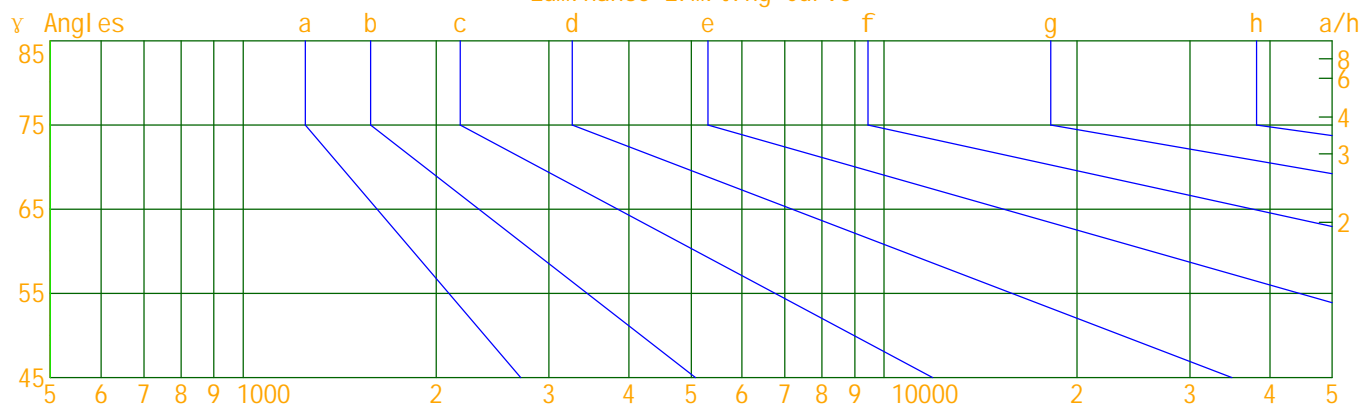
Glare Grade Table

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

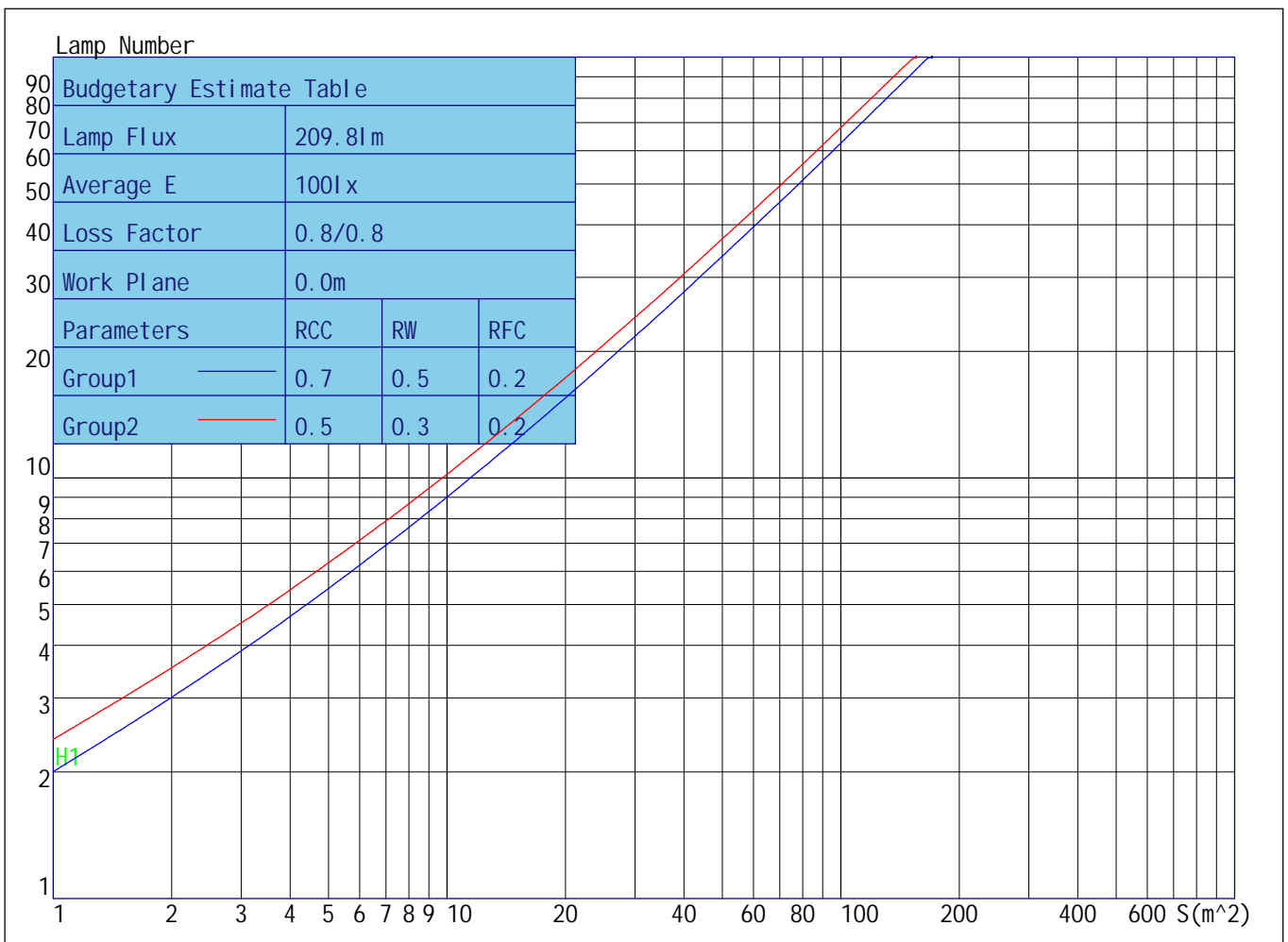
Luminance Limiting Curve



Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m^2)=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: 2020/06/23



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: 2020/06/23

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	2471	2471	2471	2471	2402	2402	2402	2402	2271	2271	2271	2152	2152	2152	2043	2043	2043	19918
1	2325	2255	2191	2134	2261	2198	2142	2090	2093	2048	2006	1996	1960	1927	1907	1879	1853	18074
2	2180	2056	1954	1868	2121	2010	1917	1839	1924	1848	1782	1844	1782	1728	1770	1720	1676	16330
3	2042	1880	1755	1655	1988	1842	1727	1634	1769	1673	1594	1702	1623	1556	1640	1575	1518	14773
4	1913	1724	1586	1480	1864	1692	1564	1465	1631	1522	1436	1574	1482	1408	1522	1444	1380	13405
5	1794	1586	1442	1335	1749	1559	1424	1323	1507	1391	1301	1459	1359	1280	1414	1328	1259	12207
6	1684	1464	1317	1212	1643	1441	1303	1203	1397	1276	1186	1355	1250	1169	1316	1224	1152	11160
7	1583	1356	1209	1106	1546	1336	1198	1099	1292	1175	1086	1262	1153	1072	1228	1132	1059	10242
8	1491	1260	1115	1015	1457	1243	1105	1010	1209	1087	999	1178	1068	988	1148	1051	977	9435
9	1407	1175	1033	936	1376	1159	1024	932	1130	1008	923	1103	993	914	1077	978	905	8725
10	1330	1098	960	867	1302	1085	953	863	1059	939	856	1035	925	848	1012	912	841	8096

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: 2020/06/23

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	-19.1	-18.1	-19.8	-18.8	-18.5	-19.1	-18.1	-19.8	-18.8	-18.5
	Y=3H	-19.4	-18.5	-19.9	-19.0	-18.7	-19.4	-18.5	-19.9	-19.0	-18.7
	Y=4H	-19.5	-18.7	-20.0	-19.2	-18.8	-19.5	-18.7	-20.0	-19.2	-18.8
	Y=6H	-19.7	-18.9	-20.0	-19.3	-18.9	-19.7	-18.9	-20.0	-19.3	-18.9
	Y=8H	-19.7	-19.0	-20.1	-19.4	-18.9	-19.7	-19.0	-20.1	-19.4	-18.9
	Y=12H	-19.8	-19.1	-20.1	-19.4	-19.0	-19.8	-19.1	-20.1	-19.4	-19.0
X=4H	Y=2H	-19.5	-18.7	-20.0	-19.2	-18.8	-19.5	-18.7	-20.0	-19.2	-18.8
	Y=3H	-19.8	-19.1	-20.1	-19.4	-19.0	-19.8	-19.1	-20.1	-19.4	-19.0
	Y=4H	-20.0	-19.4	-20.2	-19.6	-19.1	-20.0	-19.4	-20.2	-19.6	-19.1
	Y=6H	-20.2	-19.6	-20.2	-19.7	-19.2	-20.2	-19.6	-20.2	-19.7	-19.2
	Y=8H	-20.3	-19.8	-20.2	-19.8	-19.3	-20.3	-19.8	-20.2	-19.8	-19.3
	Y=12H	-20.4	-19.9	-20.3	-19.9	-19.3	-20.4	-19.9	-20.3	-19.9	-19.3
X=8H	Y=4H	-20.3	-19.8	-20.2	-19.8	-19.3	-20.3	-19.8	-20.2	-19.8	-19.3
	Y=6H	-20.4	-20.1	-20.3	-19.9	-19.4	-20.4	-20.1	-20.3	-19.9	-19.4
	Y=8H	-20.5	-20.2	-20.3	-20.0	-19.4	-20.5	-20.2	-20.3	-20.0	-19.4
	Y=12H	-20.6	-20.3	-20.4	-20.1	-19.5	-20.6	-20.3	-20.4	-20.1	-19.5
X=12H	Y=4H	-20.4	-19.9	-20.3	-19.9	-19.3	-20.4	-19.9	-20.3	-19.9	-19.3
	Y=6H	-20.5	-20.2	-20.3	-20.0	-19.4	-20.5	-20.2	-20.3	-20.0	-19.4
	Y=8H	-20.6	-20.3	-20.4	-20.1	-19.5	-20.6	-20.3	-20.4	-20.1	-19.5
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:IWH1501LS-6.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	147.26	147.26	147.26	147.26	147.26	147.26	147.26	147.26	147.26	147.26	147.26	147.26
Y 1.0	145.81	147.59	145.17	148.22	145.81	145.91	150.01	145.49	147.13	144.24	144.84	146.50
Y 2.0	148.92	144.61	145.00	144.83	143.88	147.78	146.76	146.46	144.65	147.58	144.75	147.48
Y 3.0	148.55	146.90	147.99	144.39	147.07	144.79	146.55	149.42	147.26	147.65	148.05	144.16
Y 4.0	145.03	148.24	146.40	147.37	146.45	143.63	149.80	147.02	148.89	144.39	145.82	144.29
Y 5.0	146.67	144.53	143.18	145.24	142.93	146.52	147.69	145.27	145.66	146.07	143.73	147.31
Y 6.0	148.29	144.18	145.04	142.39	144.84	145.85	145.49	148.29	145.29	148.23	146.98	145.51
Y 7.0	144.54	146.72	146.18	144.79	145.92	142.14	148.41	148.16	148.28	145.16	146.58	142.56
Y 8.0	143.73	143.85	142.31	144.44	141.86	143.12	148.20	144.63	146.85	144.15	143.02	144.55
Y 9.0	146.24	140.80	140.50	139.95	141.46	144.87	144.46	145.91	143.71	147.22	144.74	145.64
Y 10.0	143.37	142.85	142.50	140.45	143.40	141.28	145.94	147.79	145.70	145.42	145.99	141.92
Y 11.0	140.06	142.10	140.68	141.65	139.74	138.77	147.19	144.38	146.71	142.13	141.81	140.63
Y 12.0	141.98	137.41	136.20	137.21	136.97	140.86	143.06	142.63	142.95	144.20	141.50	143.02
Y 13.0	141.25	137.49	136.55	134.99	139.04	139.95	142.01	145.16	141.91	144.49	143.65	141.06
Y 14.0	136.39	138.49	137.36	136.90	136.79	135.29	144.16	143.46	144.22	139.89	139.81	136.90
Y 15.0	136.29	133.91	132.99	133.77	132.18	135.10	140.88	139.28	141.83	139.77	137.32	137.68
Y 16.0	137.10	131.21	129.71	129.46	133.07	136.25	137.38	140.14	137.95	141.58	139.29	138.50
Y 17.0	132.47	132.80	130.99	130.55	132.62	132.16	139.09	140.80	139.24	137.82	136.90	134.30
Y 18.0	129.78	129.82	129.30	129.47	127.40	128.43	137.47	136.01	139.16	134.50	132.46	131.50
Y 19.0	131.23	125.03	124.04	124.10	126.55	129.61	132.42	133.77	134.41	136.20	133.76	133.09
Y 20.0	127.99	125.58	123.15	123.22	127.31	128.20	132.66	135.26	132.84	134.45	132.96	131.12
Y 21.0	123.03	124.80	123.62	123.75	122.40	122.83	132.59	132.41	134.24	129.40	127.71	126.01
Y 22.0	123.51	119.00	118.99	118.37	119.28	121.20	126.98	127.31	130.55	129.33	127.12	125.44
Y 23.0	122.48	117.17	114.47	114.64	120.45	121.88	124.69	127.56	126.19	129.59	127.61	126.13
Y 24.0	116.79	117.62	114.92	115.34	116.73	117.62	125.61	127.30	127.17	124.57	122.41	121.55
Y 25.0	115.19	112.52	112.69	110.75	111.57	112.87	121.36	121.96	125.95	121.87	119.86	117.61
Y 26.0	115.43	104.89	105.27	101.64	111.79	113.27	116.78	118.86	120.34	123.05	120.97	118.32
Y 27.0	109.94	101.97	99.38	99.02	106.90	111.88	117.45	119.70	118.82	119.30	116.73	116.38
Y 28.0	103.20	96.79	95.67	94.87	97.84	106.17	115.18	116.54	119.33	114.32	111.84	110.13
Y 29.0	98.03	88.61	86.48	84.56	94.57	103.88	109.16	110.94	114.68	114.63	111.50	104.35
Y 30.0	89.95	86.22	78.27	79.54	92.46	104.26	107.39	110.53	110.24	113.21	105.21	101.78
Y 31.0	80.38	83.76	75.32	77.09	84.93	98.70	105.80	110.28	110.31	107.02	97.04	94.98
Y 32.0	77.27	75.11	71.65	69.95	80.57	90.74	98.76	104.29	105.71	103.37	93.97	87.31
Y 33.0	73.46	68.74	64.44	64.08	79.91	87.50	93.75	99.19	97.76	100.86	89.57	85.53
Y 34.0	66.14	65.79	61.02	63.76	73.81	83.73	93.28	97.43	94.98	91.73	79.97	81.53
Y 35.0	64.42	58.12	60.83	60.20	65.75	75.67	88.64	91.59	93.63	84.53	74.75	72.91
Y 36.0	63.95	50.38	56.02	53.23	63.05	70.44	81.79	83.42	87.28	82.46	73.11	66.65
Y 37.0	57.73	49.14	49.22	50.79	58.20	68.97	80.19	80.31	81.72	77.15	67.00	63.40
Y 38.0	54.28	46.41	46.85	48.59	49.49	64.26	78.25	78.39	80.63	69.33	61.64	56.44
Y 39.0	53.62	40.10	44.03	41.26	46.40	58.29	70.96	71.56	76.38	67.39	61.49	48.59
Y 40.0	46.75	38.66	36.74	36.91	45.65	57.37	65.78	66.00	69.50	66.40	56.97	46.89
Y 41.0	39.29	38.66	32.11	36.60	39.80	56.83	64.64	65.90	67.89	60.53	49.16	45.97
Y 42.0	37.14	33.00	31.53	31.45	36.39	51.27	59.71	63.15	66.36	57.57	47.24	40.38
Y 43.0	31.32	28.81	27.23	25.09	37.47	47.43	52.97	57.33	59.43	58.40	45.11	36.87

IES Indoor Report
Photometric Filename:IWH1501LS-6.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	24.38	28.86	21.02	24.50	33.91	47.70	51.33	56.25	54.88	54.35	38.36	37.58
Y 45.0	23.94	24.23	19.97	22.28	28.60	44.30	49.85	56.78	54.32	48.85	35.31	34.76
Y 46.0	21.86	17.57	19.52	15.81	28.67	37.65	43.72	51.97	49.11	48.56	34.79	28.43
Y 47.0	15.85	16.77	14.03	13.88	26.92	35.40	40.43	47.85	42.88	45.53	28.83	26.42
Y 48.0	15.46	15.32	11.06	14.44	20.63	34.54	41.52	48.38	42.68	37.71	23.41	25.30
Y 49.0	15.39	9.39	12.33	10.19	18.53	28.82	38.42	46.33	41.47	34.26	23.33	19.27
Y 50.0	9.91	7.82	10.08	6.59	18.54	24.20	33.49	40.19	35.80	33.02	20.14	14.10
Y 51.0	8.85	9.35	5.35	8.32	13.23	24.65	33.86	38.35	34.17	26.91	13.99	14.12
Y 52.0	10.25	5.89	5.80	7.14	9.70	22.70	33.80	38.19	35.22	22.58	13.26	12.43
Y 53.0	5.95	3.18	7.23	3.16	11.01	17.27	28.67	33.04	31.06	23.34	13.27	7.06
Y 54.0	4.25	6.02	3.97	4.47	8.82	16.10	26.37	28.29	27.09	20.43	8.35	6.21
Y 55.0	6.86	5.54	2.46	6.56	4.49	17.19	27.66	28.61	28.09	15.19	6.21	8.15
Y 56.0	4.45	2.03	5.26	3.20	5.92	13.22	24.33	26.30	26.28	15.60	8.21	5.49
Y 57.0	2.15	3.81	4.85	2.20	6.78	9.55	19.16	20.54	20.54	15.44	5.89	2.61
Y 58.0	5.36	5.50	1.39	5.31	2.97	11.11	19.22	19.38	19.15	10.43	2.83	4.89
Y 59.0	4.09	1.91	2.61	3.83	2.98	10.75	18.58	20.17	19.24	9.31	5.15	5.87
Y 60.0	1.00	1.70	4.95	0.79	5.86	6.31	13.20	16.07	14.25	11.08	6.10	2.40
Y 61.0	3.90	4.70	2.06	3.16	3.35	5.80	11.02	12.26	10.78	7.57	2.45	2.08
Y 62.0	3.92	2.31	0.42	4.36	1.25	7.86	12.58	13.78	12.23	4.64	2.80	5.01
Y 63.0	0.30	0.09	3.38	0.68	4.34	5.30	9.64	12.81	10.34	6.75	5.50	3.58
Y 64.0	2.41	3.18	3.12	1.12	3.86	2.11	5.68	8.13	5.72	5.86	3.01	0.49
Y 65.0	3.65	2.79	0.00	3.88	0.48	4.34	7.12	7.85	6.42	1.96	0.89	2.50
Y 66.0	0.00	0.00	0.91	1.34	2.61	5.32	7.61	9.77	7.77	3.62	3.80	4.21
Y 67.0	1.12	1.41	3.47	0.00	4.10	1.96	3.51	6.63	4.12	5.47	3.83	0.98
Y 68.0	3.42	3.36	0.94	2.71	0.62	1.53	2.92	3.67	2.47	2.06	0.44	0.09
Y 69.0	0.00	0.00	0.00	2.50	0.89	4.47	5.64	5.95	5.32	1.56	1.68	3.14
Y 70.0	0.24	0.11	2.49	0.00	3.86	3.13	3.53	6.04	4.32	4.72	3.96	2.40
Y 71.0	3.32	3.24	2.58	1.19	1.34	0.18	0.96	2.10	1.02	2.73	1.03	0.00
Y 72.0	0.51	0.94	0.00	3.42	0.00	2.30	3.61	2.34	2.93	0.23	0.00	0.99
Y 73.0	0.00	0.00	0.62	0.22	3.02	4.06	4.51	5.07	4.87	3.17	3.01	3.36
Y 74.0	3.07	2.62	3.31	0.00	2.21	0.88	1.01	3.03	1.59	3.44	2.38	0.65
Y 75.0	1.19	2.14	0.88	3.13	0.00	0.09	1.28	0.45	0.83	0.00	0.00	0.00
Y 76.0	0.00	0.00	0.00	1.43	1.93	3.24	4.20	3.01	3.84	1.48	1.40	2.47
Y 77.0	2.62	1.61	2.37	0.00	3.02	2.35	2.09	4.11	2.70	3.75	3.41	2.51
Y 78.0	1.95	2.99	2.51	2.12	0.00	0.00	0.00	0.68	0.00	0.50	0.17	0.00
Y 79.0	0.00	0.00	0.00	2.66	0.67	1.43	2.59	0.71	2.10	0.09	0.00	0.57
Y 80.0	1.93	0.26	0.52	0.00	3.36	3.42	3.30	3.82	3.57	3.36	3.07	3.26
Y 81.0	2.49	3.23	3.31	0.81	0.35	0.46	0.00	2.10	0.18	1.63	1.74	0.90
Y 82.0	0.00	0.63	0.86	3.24	0.00	0.00	0.62	0.00	0.14	0.00	0.00	0.00
Y 83.0	1.05	0.00	0.00	0.20	3.15	2.73	3.47	1.97	3.34	2.31	1.74	2.07
Y 84.0	3.01	2.75	2.22	0.00	1.40	2.21	1.21	3.36	1.65	2.68	3.08	2.73
Y 85.0	0.00	1.87	2.61	2.97	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00
Y 86.0	0.32	0.00	0.00	1.57	2.35	1.09	2.43	0.02	2.13	1.02	0.00	0.13
Y 87.0	3.19	1.71	0.39	0.00	2.46	3.32	2.80	3.32	3.10	3.35	3.14	3.18

IES Indoor Report
Photometric Filename:IWH1501LS-6.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	0.29	2.91	3.27	1.89	0.00	0.43	0.00	1.87	0.00	0.13	1.18	1.19
Y 89.0	0.00	0.00	1.01	2.77	1.22	0.00	0.77	0.00	0.32	0.00	0.00	0.00
Y 90.0	3.07	0.51	0.00	0.00	3.04	2.66	3.43	1.67	3.28	3.17	2.06	1.65
Y 91.0	1.06	3.29	2.11	0.58	0.00	2.15	0.68	3.22	1.08	1.34	2.57	2.87
Y 92.0	0.00	0.63	2.78	3.31	0.17	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Y 93.0	2.54	0.00	0.00	0.52	3.18	1.03	2.54	0.00	2.31	2.31	0.66	0.00
Y 94.0	1.98	2.83	0.17	0.00	0.80	3.23	2.34	3.07	2.74	2.52	3.24	2.96
Y 95.0	0.00	1.80	3.24	2.75	0.00	0.21	0.00	1.87	0.00	0.00	0.48	1.72
Y 96.0	1.79	0.00	1.31	1.83	2.70	0.00	0.91	0.00	0.58	0.99	0.00	0.00
Y 97.0	2.74	1.84	0.00	0.00	1.99	2.65	3.24	1.34	3.33	3.16	2.58	1.21
Y 98.0	0.00	3.05	1.81	1.53	0.00	2.08	0.25	3.17	0.80	0.06	2.07	3.19
Y 99.0	0.88	0.00	2.96	3.03	1.46	0.00	0.00	0.09	0.00	0.00	0.00	0.17
Y 100.0	3.26	0.52	0.00	0.00	2.99	1.10	2.80	0.00	2.38	3.06	1.24	0.00
Y 101.0	0.00	3.30	0.00	0.22	0.00	3.25	1.86	2.91	2.50	1.23	3.21	2.77
Y 102.0	0.00	0.65	3.13	3.31	0.17	0.27	0.00	1.98	0.00	0.00	0.10	2.13
Y 103.0	3.26	0.00	1.78	0.97	3.26	0.00	1.42	0.00	0.75	2.22	0.00	0.00
Y 104.0	1.00	2.88	0.00	0.00	0.78	2.60	3.11	1.07	3.21	2.45	2.92	0.91
Y 105.0	0.00	1.99	1.42	2.49	0.00	2.19	0.00	3.27	0.48	0.00	1.70	3.34
Y 106.0	2.76	0.00	3.28	2.32	2.67	0.00	0.00	0.34	0.00	1.05	0.00	0.56
Y 107.0	1.98	1.87	0.24	0.00	2.09	0.91	3.07	0.00	2.50	3.15	1.71	0.00
Y 108.0	0.00	3.18	0.00	1.27	0.00	3.29	1.38	2.60	2.50	0.00	3.16	2.44
Y 109.0	1.82	0.00	2.88	3.23	1.40	0.56	0.00	2.24	0.00	0.00	0.00	2.35
Y 110.0	2.93	0.54	2.29	0.14	3.13	0.00	1.89	0.00	1.05	3.20	0.00	0.00
Y 111.0	0.00	3.51	0.00	0.00	0.00	2.63	2.83	0.70	3.23	1.16	3.14	0.65
Y 112.0	0.83	1.00	1.02	3.23	0.12	2.43	0.00	3.26	0.35	0.00	1.57	3.31
Y 113.0	3.39	0.00	3.48	1.43	3.39	0.00	0.42	0.73	0.00	2.44	0.00	0.81
Y 114.0	0.57	2.86	0.83	0.00	1.10	0.88	3.30	0.00	2.85	2.31	1.82	0.00
Y 115.0	0.00	2.34	0.00	2.37	0.00	3.49	0.85	2.35	2.04	0.00	3.12	2.38
Y 116.0	3.31	0.00	2.71	2.76	2.58	0.79	0.00	2.59	0.00	1.27	0.00	2.66
Y 117.0	1.87	1.76	2.71	0.00	2.37	0.00	2.52	0.00	1.32	3.16	0.14	0.00
Y 118.0	0.00	3.48	0.00	1.22	0.00	2.48	2.40	0.51	3.37	0.00	3.29	0.54
Y 119.0	2.33	0.09	0.99	3.58	1.32	2.75	0.00	3.38	0.14	0.17	1.51	3.39
Y 120.0	3.12	0.55	3.75	0.51	3.45	0.00	1.23	1.01	0.00	3.39	0.00	1.30
Y 121.0	0.00	3.72	1.30	0.00	0.23	0.63	3.34	0.00	3.09	1.09	2.04	0.00
Y 122.0	1.09	1.39	0.00	3.38	0.06	3.52	0.15	2.35	1.86	0.00	3.13	2.13
Y 123.0	3.71	0.00	2.74	1.80	3.42	1.30	0.00	2.84	0.00	2.74	0.00	3.05
Y 124.0	0.90	3.02	3.21	0.00	1.66	0.00	3.22	0.00	1.78	2.38	0.25	0.00
Y 125.0	0.04	2.87	0.00	2.53	0.00	2.39	1.49	0.39	3.27	0.00	3.42	0.29
Y 126.0	3.44	0.00	1.12	3.32	2.47	3.31	0.00	3.49	0.00	1.46	1.63	3.43
Y 127.0	2.30	1.91	3.87	0.00	3.13	0.00	2.30	1.47	0.20	3.33	0.00	1.86
Y 128.0	0.00	3.84	1.63	1.24	0.00	0.52	2.91	0.00	3.31	0.07	1.94	0.00
Y 129.0	2.34	0.56	0.00	3.97	1.10	3.72	0.00	2.12	1.60	0.33	3.39	1.87
Y 130.0	3.54	0.61	2.85	1.15	3.94	1.76	1.07	3.15	0.00	3.45	0.19	3.46
Y 131.0	0.14	3.88	3.43	0.07	1.24	0.00	3.56	0.00	2.11	1.35	0.20	0.35

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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	1.10	2.09	0.15	3.54	0.00	2.44	0.54	0.28	3.24	0.00	3.44	0.03
Y 133.0	4.09	0.00	1.26	2.62	3.35	3.59	0.00	3.48	0.00	2.70	2.02	3.26
Y 134.0	1.62	3.07	4.10	0.00	2.94	0.33	3.32	1.82	0.51	2.78	0.00	2.47
Y 135.0	0.13	3.56	1.86	2.45	0.00	0.70	1.87	0.00	3.57	0.00	1.89	0.00
Y 136.0	3.51	0.24	0.05	3.90	1.81	3.80	0.00	1.97	1.52	1.36	3.59	1.47
Y 137.0	3.16	1.79	3.21	0.62	4.05	2.31	2.52	3.41	0.00	3.65	0.52	3.79
Y 138.0	0.00	4.32	3.49	1.11	1.09	0.00	3.06	0.30	2.45	0.67	0.15	1.02
Y 139.0	2.17	1.55	0.31	4.26	0.38	2.58	0.00	0.20	3.37	0.15	3.37	0.00
Y 140.0	4.19	0.50	1.61	1.97	3.78	3.99	1.35	3.44	0.00	3.47	2.49	3.19
Y 141.0	1.15	3.87	4.41	0.29	2.93	0.79	3.72	2.27	0.88	2.18	0.00	3.02
Y 142.0	0.90	3.24	1.82	3.56	0.04	0.81	0.69	0.00	3.82	0.00	1.87	0.00
Y 143.0	4.27	0.22	0.40	3.49	2.38	4.00	0.25	1.84	1.72	2.25	3.96	1.32
Y 144.0	2.88	2.53	3.79	0.38	4.28	2.85	3.63	3.79	0.00	3.57	1.09	4.05
Y 145.0	0.28	4.52	3.65	2.29	1.27	0.12	2.00	0.79	2.79	0.24	0.11	1.57
Y 146.0	3.06	1.31	0.41	4.57	0.88	2.58	0.00	0.13	3.49	0.91	3.50	0.00
Y 147.0	4.30	1.06	2.08	1.49	4.15	4.49	2.84	3.48	0.19	3.88	3.03	3.13
Y 148.0	1.01	4.38	4.73	0.97	3.30	1.48	3.13	2.77	0.99	1.72	0.01	3.44
Y 149.0	1.47	3.00	1.82	4.29	0.30	0.80	0.00	0.00	4.07	0.00	1.80	0.20
Y 150.0	4.60	0.45	0.81	3.01	2.51	4.09	1.93	1.79	1.85	3.06	4.20	1.27
Y 151.0	2.80	3.13	4.20	0.47	4.63	3.51	4.00	4.03	0.00	3.34	1.40	4.14
Y 152.0	0.49	4.55	3.68	3.27	1.79	0.52	0.64	1.22	2.97	0.10	0.17	2.10
Y 153.0	3.32	1.33	0.57	4.49	0.96	2.21	0.73	0.17	3.56	1.56	3.37	0.00
Y 154.0	4.41	1.42	2.54	1.14	4.18	4.72	3.95	3.45	0.27	4.18	3.42	2.85
Y 155.0	1.10	4.71	4.86	1.75	3.79	2.14	1.73	3.16	1.33	1.48	0.29	3.91
Y 156.0	1.61	3.01	1.87	4.86	0.75	0.68	0.00	0.00	4.19	0.33	1.59	0.62
Y 157.0	4.73	0.56	1.05	2.71	2.28	3.87	3.44	1.73	1.89	3.67	4.32	1.07
Y 158.0	2.60	3.32	4.35	0.65	4.86	4.05	3.00	4.25	0.10	3.03	1.91	4.24
Y 159.0	0.55	4.65	3.71	3.77	2.38	0.86	0.00	1.60	3.18	0.08	0.18	2.65
Y 160.0	3.30	1.36	0.64	4.30	0.81	2.07	2.54	0.27	3.58	2.23	3.29	0.10
Y 161.0	4.64	1.55	2.64	0.99	3.86	4.83	4.04	3.38	0.34	4.27	3.82	2.69
Y 162.0	1.50	4.77	4.92	2.28	4.21	2.50	0.58	3.44	1.56	1.21	0.52	4.24
Y 163.0	1.45	3.14	1.99	4.94	0.98	0.58	1.52	0.19	4.40	0.90	1.48	1.05
Y 164.0	4.70	0.59	1.00	2.29	1.93	3.83	4.31	1.55	1.88	4.20	4.41	0.83
Y 165.0	3.54	3.38	4.36	0.91	4.89	4.26	1.58	4.33	0.33	2.99	2.25	4.13
Y 166.0	0.67	4.66	3.84	4.28	2.81	1.01	0.52	1.98	3.57	0.25	0.27	3.12
Y 167.0	2.91	1.51	0.73	3.85	0.70	2.07	4.09	0.25	3.58	2.72	3.20	0.22
Y 168.0	4.91	1.61	2.57	0.74	3.50	4.90	2.73	3.38	0.65	4.28	4.13	2.45
Y 169.0	1.99	4.68	4.94	2.80	4.53	2.61	0.20	3.88	2.03	1.09	0.83	4.53
Y 170.0	1.06	3.22	2.19	4.96	1.38	0.88	3.35	0.57	4.57	1.35	1.43	1.59
Y 171.0	2.10	4.77	4.87	3.24	4.53	2.26	0.51	3.91	2.19	0.96	0.75	4.54
Y 172.0	0.73	4.05	3.30	4.93	2.48	0.65	3.13	1.78	4.40	0.62	0.73	2.96
Y 173.0	0.83	4.16	3.71	4.92	2.92	0.78	3.32	2.27	4.34	0.57	0.73	3.37
Y 174.0	1.34	1.84	1.67	3.72	1.08	1.90	4.75	0.44	4.22	2.12	2.85	1.37
Y 175.0	0.82	2.73	2.80	4.43	2.18	1.13	4.76	1.54	4.63	1.11	1.91	2.76

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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	4.98	3.79	3.09	2.28	3.74	3.67	0.79	3.88	1.03	3.96	2.54	2.84
Y 177.0	2.03	0.67	0.84	1.01	0.76	4.36	1.97	0.47	1.79	3.26	4.76	1.06
Y 178.0	2.01	2.49	4.61	3.62	4.45	1.49	4.44	4.13	4.62	0.78	2.32	4.85
Y 179.0	0.74	1.82	2.84	1.15	2.71	4.90	0.76	2.07	0.50	1.35	4.53	3.55
Y 180.0	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25