

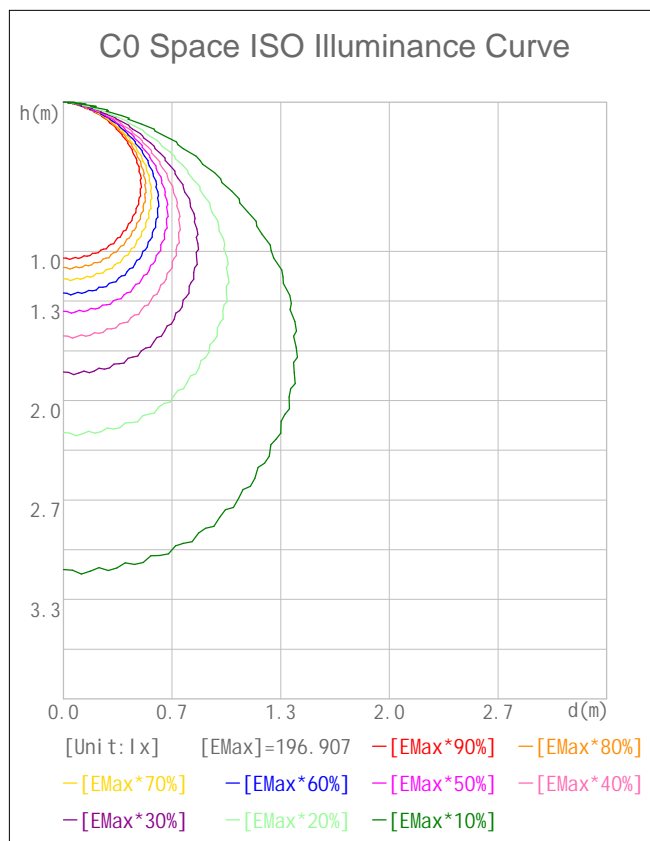
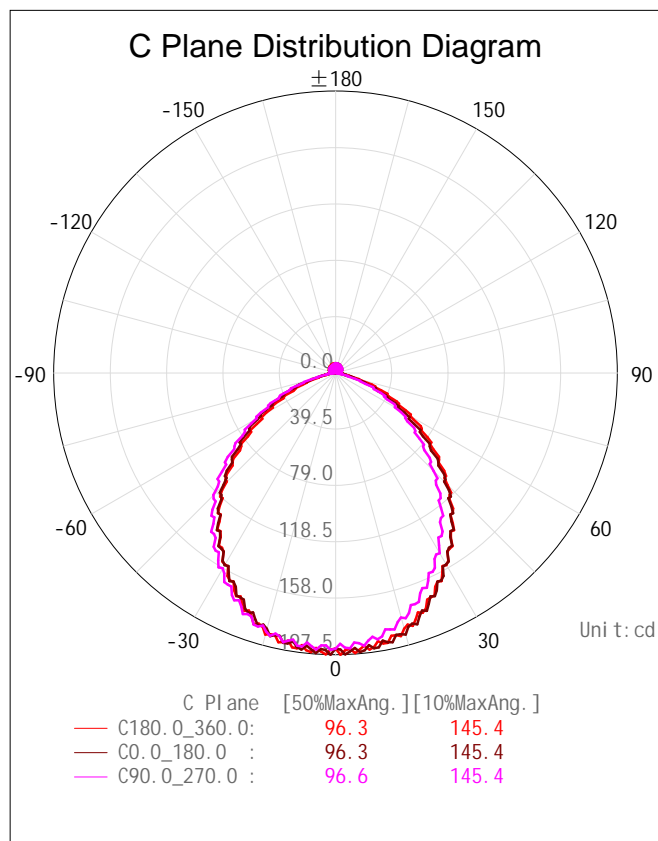
Indoor Luminaire Photometric Data

Description Information

Luminary Name:	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: 1	Test Date: 2020/06/24
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

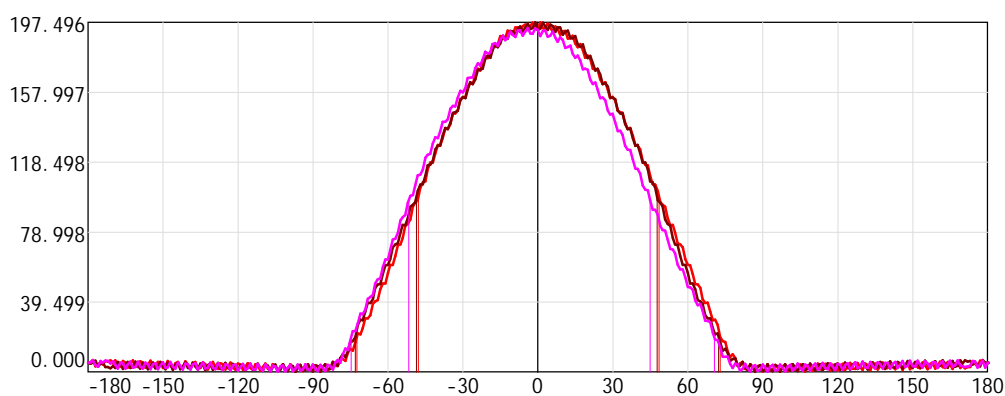
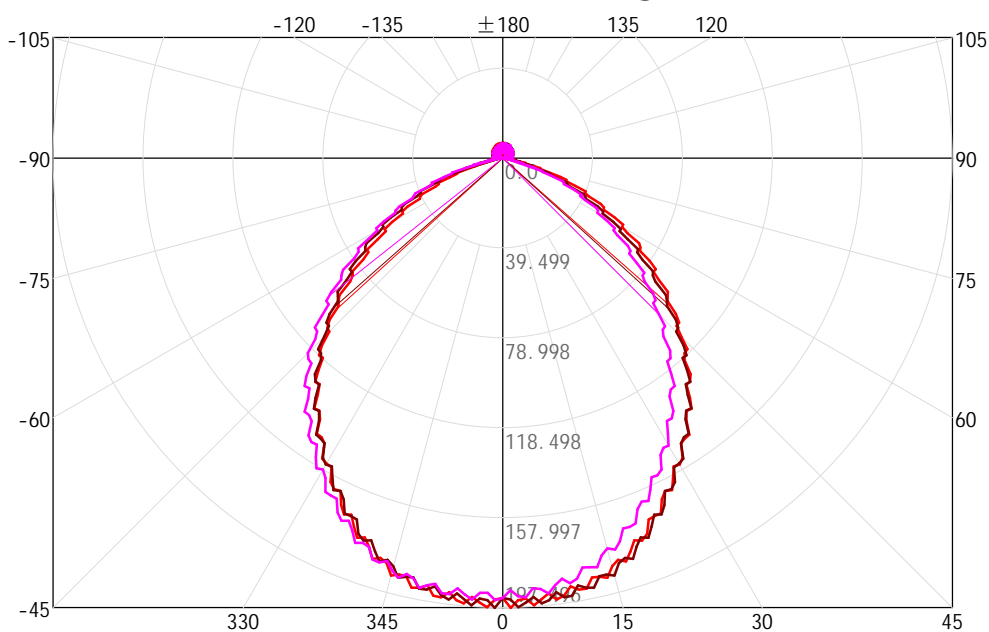
Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1.000	Luminary Flux(lm): 464.122	Field Angle(10%Imax): 145.4(°)
Rated Power(W):	Luminary Efficiency: 46412.17%	Down Lumens&Percent: 444.313lm 95.73%
Rated Voltage(V):	Luminary EER(lm/W): 72.929	Up Lumens&Percent: 19.809lm 4.27%
Tested Power(W): 6.364	Max. Candela(cd): 197.496	S/MH: C0_a180=1.203 C90_270=1.176
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics(V, A, pf): 12.7, 0.622, 0.800	Beam Angle(50%Imax): 96.3(°)	ErP Φuse(120°): 382.628lm
Lamp Size(W*L*H): 0.000m*0.000m*0.000m	Left=-47.8°, Right=48.6°	IRF(%): 123.948



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: 2020/06/24

C Plane Distribution Diagram

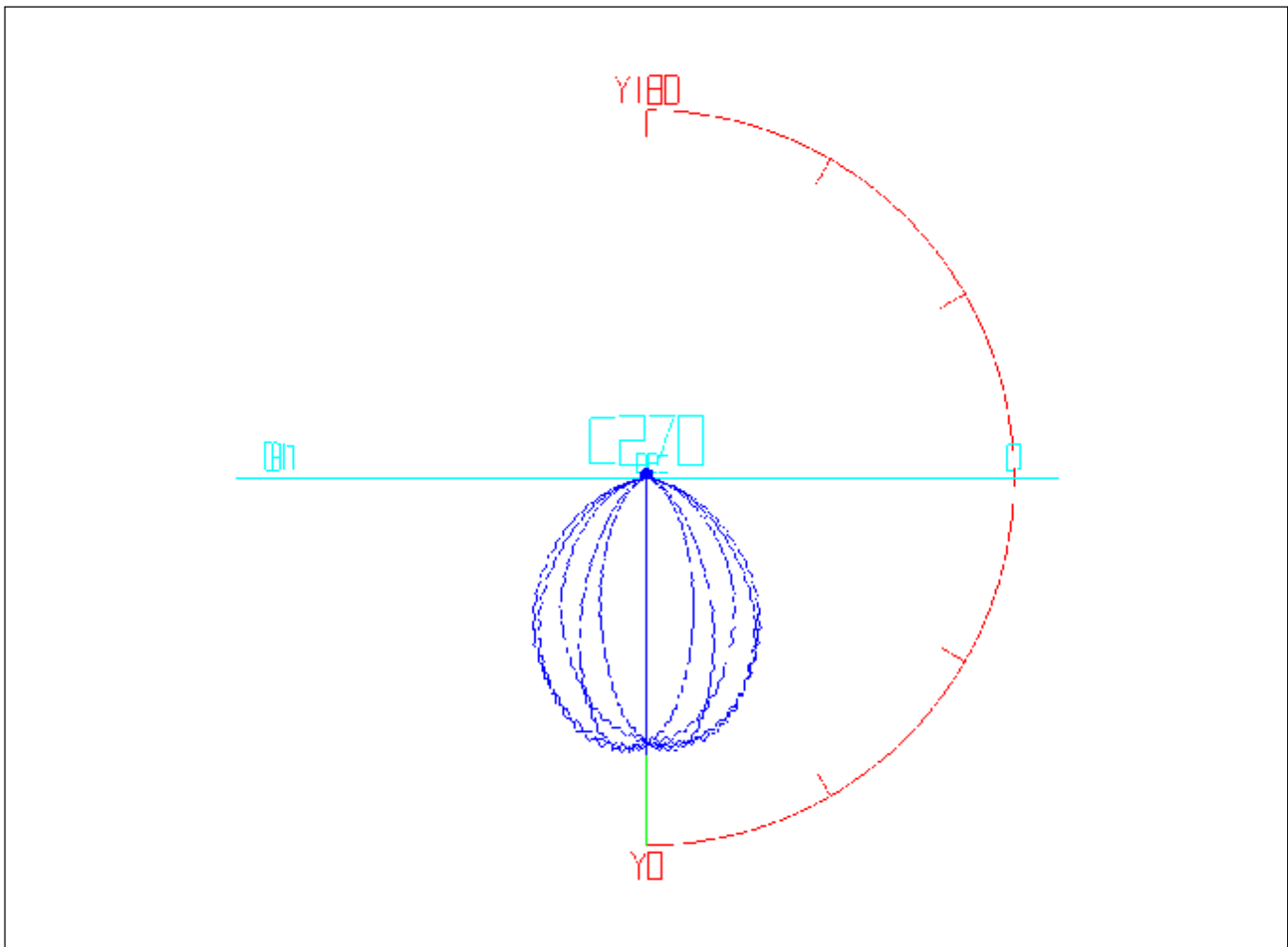


	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit: cd
—	C180.0_360.0 :	96.3	145.4	
—	C0.0_180.0 :	96.3	145.4	
—	C90.0_270.0 :	96.6	145.4	

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: 2020/06/24

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:IWH5101L-2.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	0.18	0.18	18.47	18.47	44.0-45.0	8.55	8.55	854.79	854.79
1.0-2.0	0.55	0.74	55.33	73.80	45.0-46.0	8.40	16.94	839.51	1694.29
2.0-3.0	0.92	1.66	92.12	165.92	46.0-47.0	8.26	25.20	825.90	2520.19
3.0-4.0	1.29	2.95	128.91	294.83	47.0-48.0	8.15	33.35	815.31	3335.49
4.0-5.0	1.66	4.60	165.51	460.34	48.0-49.0	7.98	41.34	798.29	4133.79
5.0-6.0	2.02	6.62	201.58	661.92	49.0-50.0	7.80	49.13	779.62	4913.40
6.0-7.0	2.38	9.00	237.73	899.65	50.0-51.0	7.64	56.78	764.27	5677.67
7.0-8.0	2.74	11.74	273.89	1173.54	51.0-52.0	7.46	64.23	745.61	6423.29
8.0-9.0	3.09	14.82	308.69	1482.24	52.0-53.0	7.23	71.46	722.95	7146.24
9.0-10.0	3.43	18.25	343.04	1825.27	53.0-54.0	7.03	78.49	702.71	7848.95
10.0-11.0	3.78	22.04	378.34	2203.61	54.0-55.0	6.82	85.31	682.09	8531.04
11.0-12.0	4.12	26.16	411.97	2615.59	55.0-56.0	6.59	91.90	658.64	9189.69
12.0-13.0	4.43	30.59	443.34	3058.92	56.0-57.0	6.36	98.26	635.81	9825.50
13.0-14.0	4.76	35.35	476.29	3535.21	57.0-58.0	6.13	104.38	612.68	10438.18
14.0-15.0	5.09	40.44	508.68	4043.89	58.0-59.0	5.88	110.26	587.51	11025.69
15.0-16.0	5.36	45.80	536.49	4580.38	59.0-60.0	5.62	115.88	562.43	11588.12
16.0-17.0	5.65	51.46	565.14	5145.52	60.0-61.0	5.39	121.27	538.93	12127.05
17.0-18.0	5.96	57.41	595.97	5741.50	61.0-62.0	5.14	126.42	514.46	12641.50
18.0-19.0	6.21	63.63	621.03	6362.52	62.0-63.0	4.89	131.30	488.78	13130.28
19.0-20.0	6.44	70.06	643.69	7006.22	63.0-64.0	4.63	135.93	463.11	13593.39
20.0-21.0	6.71	76.77	671.15	7677.37	64.0-65.0	4.38	140.32	438.41	14031.80
21.0-22.0	6.95	83.72	694.53	8371.90	65.0-66.0	4.14	144.46	413.80	14445.60
22.0-23.0	7.11	90.83	711.18	9083.09	66.0-67.0	3.88	148.33	387.54	14833.13
23.0-24.0	7.33	98.16	733.22	9816.31	67.0-68.0	3.61	151.95	361.38	15194.51
24.0-25.0	7.56	105.72	756.14	10572.45	68.0-69.0	3.36	155.31	336.36	15530.87
25.0-26.0	7.69	113.42	769.20	11341.65	69.0-70.0	3.09	158.40	308.83	15839.71
26.0-27.0	7.84	121.26	784.01	12125.66	70.0-71.0	2.78	161.18	278.44	16118.15
27.0-28.0	8.05	129.31	804.84	12930.50	71.0-72.0	2.49	163.67	248.51	16366.67
28.0-29.0	8.17	137.47	816.52	13747.02	72.0-73.0	2.16	165.83	216.36	16583.03
29.0-30.0	8.24	145.72	824.48	14571.50	73.0-74.0	1.82	167.65	182.11	16765.13
30.0-31.0	8.41	154.13	841.37	15412.87	74.0-75.0	1.52	169.17	152.34	16917.48
31.0-32.0	8.54	162.66	853.58	16266.46	75.0-76.0	1.27	170.45	127.42	17044.90
32.0-33.0	8.56	171.23	856.21	17122.66	76.0-77.0	1.04	171.49	104.34	17149.24
33.0-34.0	8.66	179.88	865.73	17988.39	77.0-78.0	0.86	172.35	85.57	17234.81
34.0-35.0	8.77	188.65	876.96	18865.35	78.0-79.0	0.71	173.06	71.06	17305.88
35.0-36.0	8.77	197.42	876.90	19742.24	79.0-80.0	0.57	173.63	57.23	17363.11
36.0-37.0	8.79	206.21	878.72	20620.97	80.0-81.0	0.47	174.10	46.67	17409.78
37.0-38.0	8.87	215.08	886.70	21507.67	81.0-82.0	0.40	174.50	40.12	17449.90
38.0-39.0	8.85	223.93	885.04	22392.71	82.0-83.0	0.34	174.84	33.92	17483.83
39.0-40.0	8.79	232.72	879.29	23272.00	83.0-84.0	0.30	175.13	29.67	17513.50
40.0-41.0	8.81	241.53	880.77	24152.77	84.0-85.0	0.29	175.43	29.31	17542.81
41.0-42.0	8.78	250.30	877.55	25030.32	85.0-86.0	0.28	175.70	27.68	17570.49
42.0-43.0	8.67	258.97	866.84	25897.15	86.0-87.0	0.25	175.95	24.70	17595.19
43.0-44.0	8.61	267.58	861.20	26758.35	87.0-88.0	0.26	176.21	26.15	17621.34

IES Indoor Report
Photometric Filename:IWH5101L-2.IES

Zonal Flux Tabulation - (Cont.)

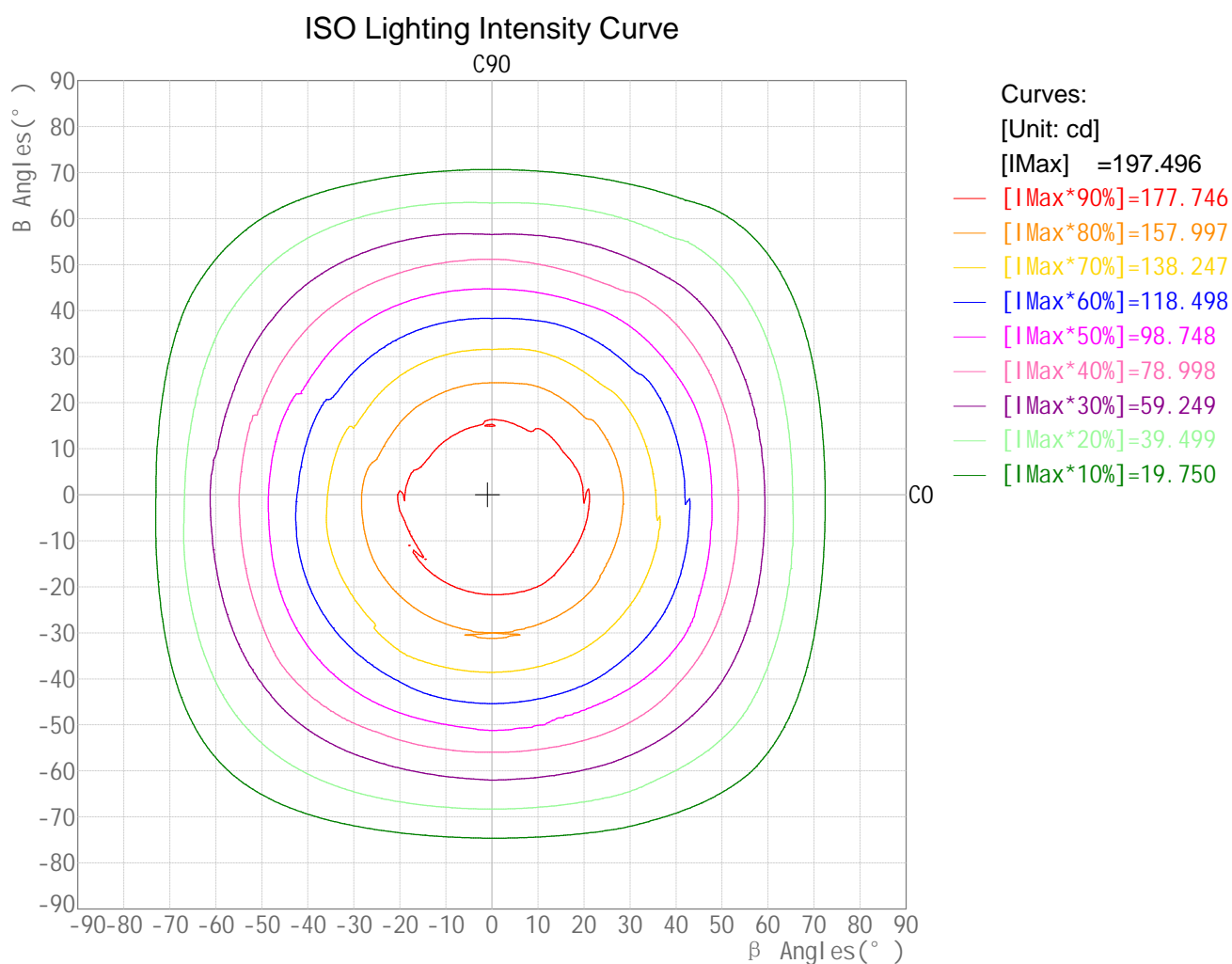
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
88.0-89.0	0.27	0.27	27.36	27.36	132.0-133.0	0.28	0.28	27.96	27.96
89.0-90.0	0.24	0.52	24.22	51.57	133.0-134.0	0.30	0.58	30.36	58.32
90.0-91.0	0.25	0.76	24.87	76.44	134.0-135.0	0.27	0.86	27.49	85.81
91.0-92.0	0.28	1.05	28.27	104.71	135.0-136.0	0.26	1.12	26.11	111.92
92.0-93.0	0.25	1.30	25.13	129.84	136.0-137.0	0.29	1.41	28.95	140.87
93.0-94.0	0.23	1.53	23.01	152.85	137.0-138.0	0.29	1.69	28.60	169.46
94.0-95.0	0.28	1.81	28.32	181.17	138.0-139.0	0.25	1.95	25.38	194.84
95.0-96.0	0.28	2.09	27.54	208.71	139.0-140.0	0.26	2.21	25.84	220.68
96.0-97.0	0.22	2.30	21.73	230.44	140.0-141.0	0.28	2.49	27.83	248.50
97.0-98.0	0.26	2.57	26.24	256.68	141.0-142.0	0.26	2.74	25.85	274.36
98.0-99.0	0.30	2.87	30.09	286.77	142.0-143.0	0.24	2.98	23.58	297.94
99.0-100.0	0.23	3.10	23.03	309.80	143.0-144.0	0.26	3.24	25.57	323.51
100.0-101.0	0.24	3.33	23.60	333.40	144.0-145.0	0.26	3.50	26.40	349.91
101.0-102.0	0.31	3.65	31.32	364.71	145.0-146.0	0.23	3.73	22.84	372.76
102.0-103.0	0.27	3.91	26.74	391.45	146.0-147.0	0.22	3.95	22.38	395.14
103.0-104.0	0.22	4.14	22.40	413.85	147.0-148.0	0.25	4.21	25.37	420.51
104.0-105.0	0.30	4.44	30.12	443.97	148.0-149.0	0.23	4.44	23.27	443.78
105.0-106.0	0.30	4.74	30.04	474.00	149.0-150.0	0.20	4.64	19.90	463.68
106.0-107.0	0.23	4.97	22.97	496.97	150.0-151.0	0.22	4.86	22.42	486.10
107.0-108.0	0.27	5.24	27.42	524.39	151.0-152.0	0.23	5.09	23.23	509.33
108.0-109.0	0.32	5.56	32.09	556.47	152.0-153.0	0.19	5.28	18.70	528.03
109.0-110.0	0.26	5.83	26.22	582.69	153.0-154.0	0.19	5.47	18.76	546.79
110.0-111.0	0.26	6.09	25.82	608.52	154.0-155.0	0.22	5.68	21.64	568.43
111.0-112.0	0.32	6.40	31.79	640.31	155.0-156.0	0.18	5.87	18.40	586.82
112.0-113.0	0.30	6.70	29.55	669.86	156.0-157.0	0.16	6.03	15.89	602.72
113.0-114.0	0.26	6.96	25.84	695.70	157.0-158.0	0.19	6.21	18.74	621.46
114.0-115.0	0.29	7.25	29.45	725.15	158.0-159.0	0.18	6.39	17.93	639.39
115.0-116.0	0.31	7.56	30.70	755.85	159.0-160.0	0.14	6.54	14.16	653.55
116.0-117.0	0.28	7.83	27.60	783.45	160.0-161.0	0.15	6.69	15.26	668.81
117.0-118.0	0.28	8.12	28.06	811.51	161.0-162.0	0.16	6.85	16.27	685.08
118.0-119.0	0.30	8.42	30.04	841.56	162.0-163.0	0.13	6.98	13.13	698.21
119.0-120.0	0.29	8.71	29.44	870.99	163.0-164.0	0.12	7.11	12.36	710.57
120.0-121.0	0.28	8.99	28.07	899.06	164.0-165.0	0.14	7.24	13.64	724.21
121.0-122.0	0.28	9.27	28.43	927.49	165.0-166.0	0.12	7.36	11.78	735.99
122.0-123.0	0.30	9.57	30.00	957.49	166.0-167.0	0.10	7.46	10.02	746.01
123.0-124.0	0.30	9.87	29.61	987.10	167.0-168.0	0.11	7.57	10.66	756.67
124.0-125.0	0.28	10.15	27.79	1014.89	168.0-169.0	0.10	7.67	9.85	766.52
125.0-126.0	0.29	10.44	28.83	1043.72	169.0-170.0	0.08	7.75	8.09	774.62
126.0-127.0	0.31	10.74	30.65	1074.37	170.0-171.0	0.07	7.82	7.26	781.88
127.0-128.0	0.28	11.03	28.41	1102.78	171.0-172.0	0.07	7.88	6.59	788.47
128.0-129.0	0.27	11.30	27.14	1129.92	172.0-173.0	0.06	7.94	5.90	794.37
129.0-130.0	0.30	11.60	30.24	1160.16	173.0-174.0	0.05	8.00	5.48	799.85
130.0-131.0	0.30	11.90	30.08	1190.24	174.0-175.0	0.05	8.05	4.89	804.74
131.0-132.0	0.27	12.17	26.57	1216.81	175.0-176.0	0.04	8.08	3.76	808.50

Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
176.0-177.0	0.03	0.03	2.97	2.97
177.0-178.0	0.02	0.05	2.30	5.28
178.0-179.0	0.01	0.07	1.41	6.69
179.0-180.0	0.00	0.07	0.49	7.17

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: 2020/06/24

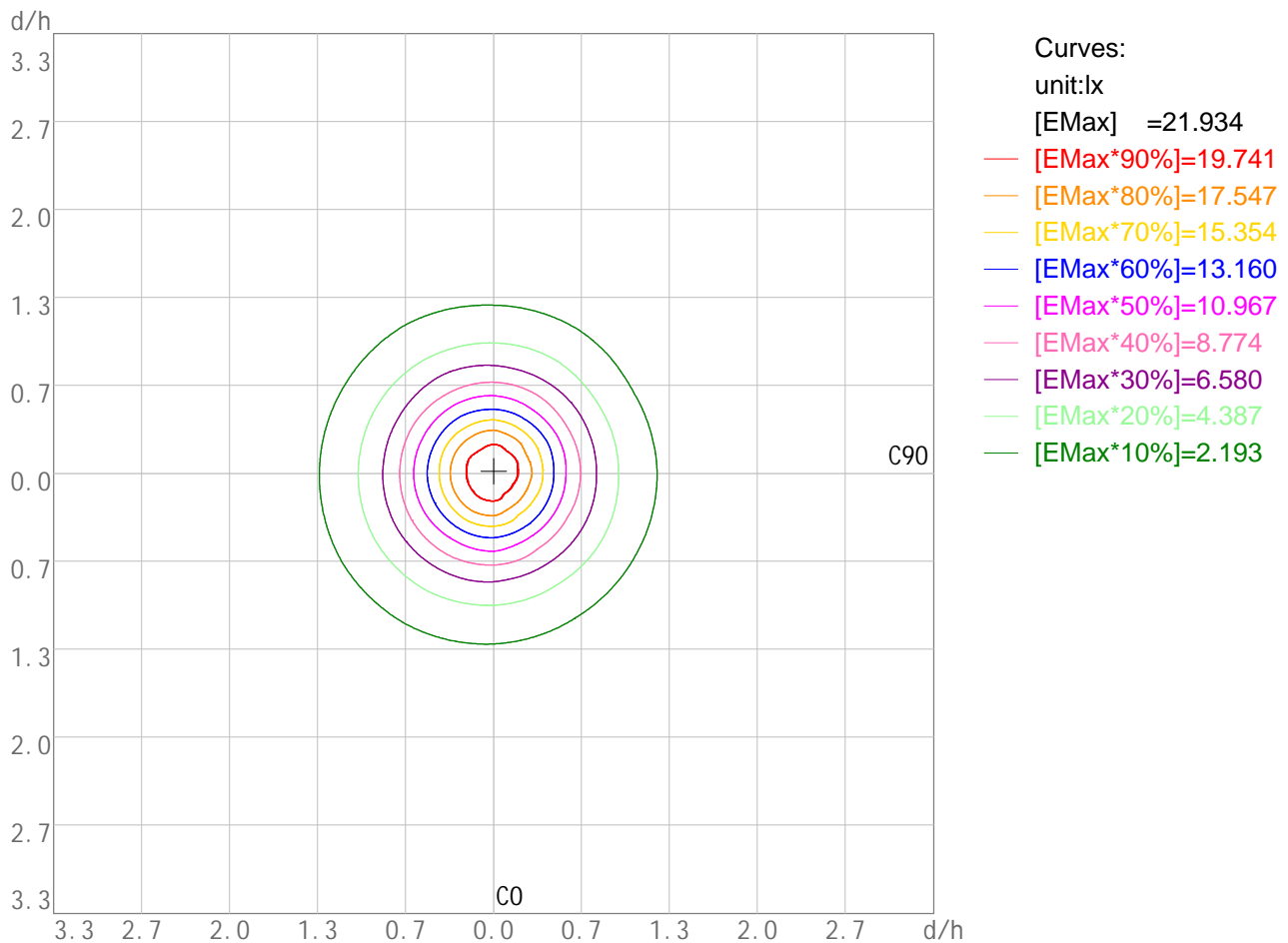


Maximum Light Intensity(cd): 197.50
 Maximum Cand.@Angle: H=-1.0°,V=0.0°

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: 2020/06/24

Plane ISO-Illuminance Curve

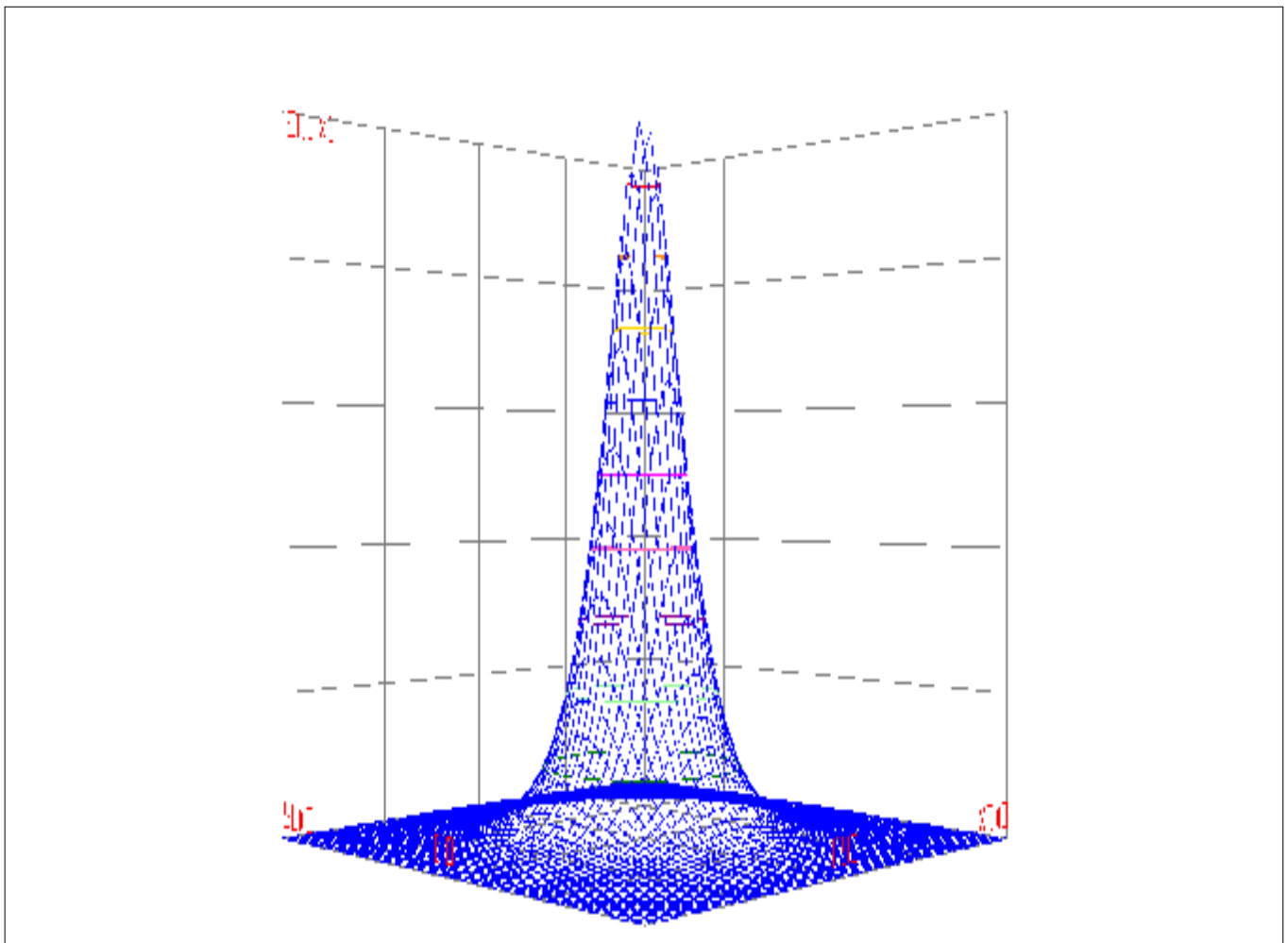


Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 21.93
 Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

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: 2020/06/24

3D Plane Illuminance Modal

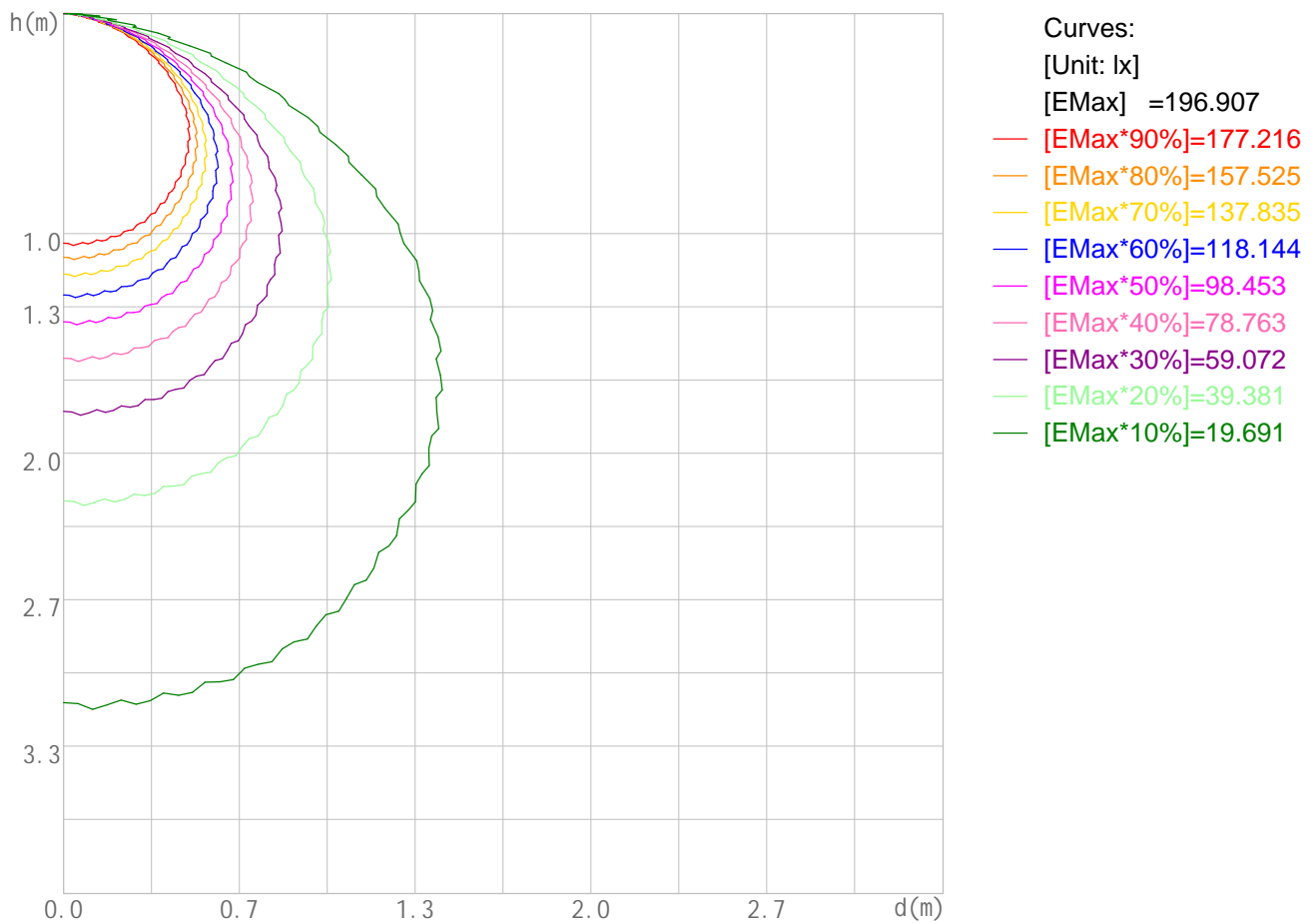


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

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: 2020/06/24

Space ISO Illuminance Curve

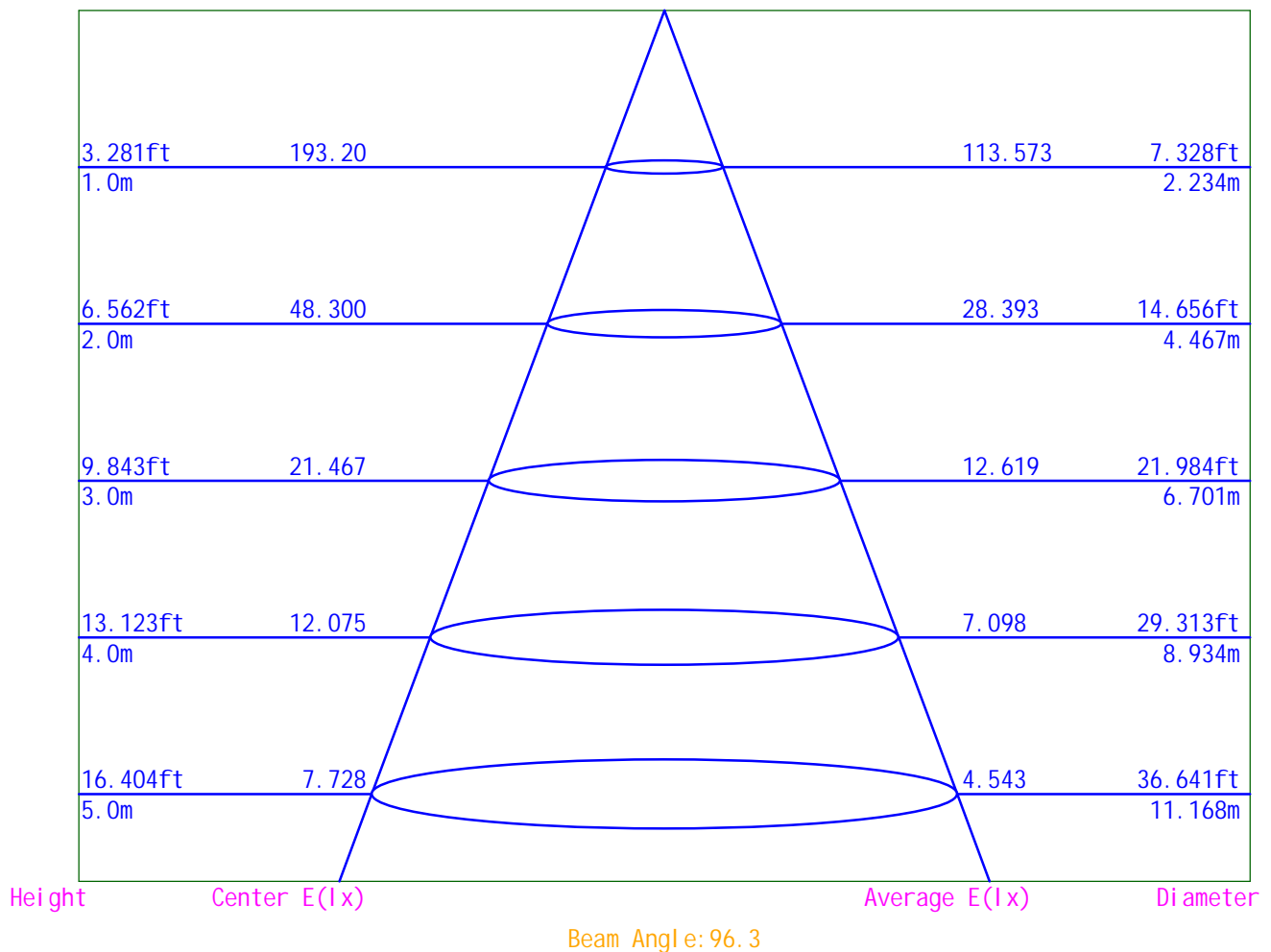


Space Plane Maximum Illuminance and @Angle:196.91lx,2.0deg
 Plane Maximum Lighting Intensity and @Angle:197.267cd,0deg

Illuminance-Distance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name: LED	Lamp Catalog: 1	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/06/24

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: 2020/06/24

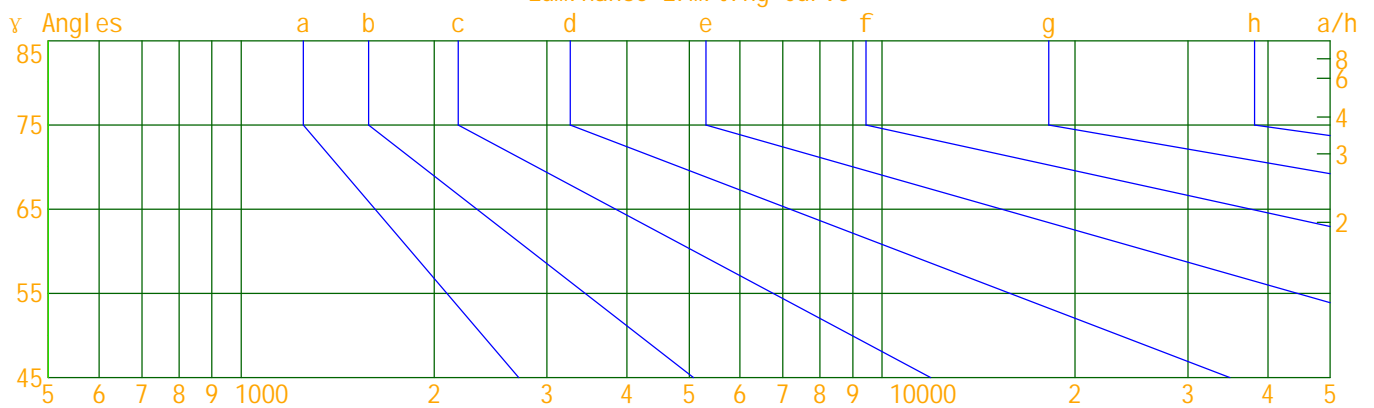
Glare Grade Table

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

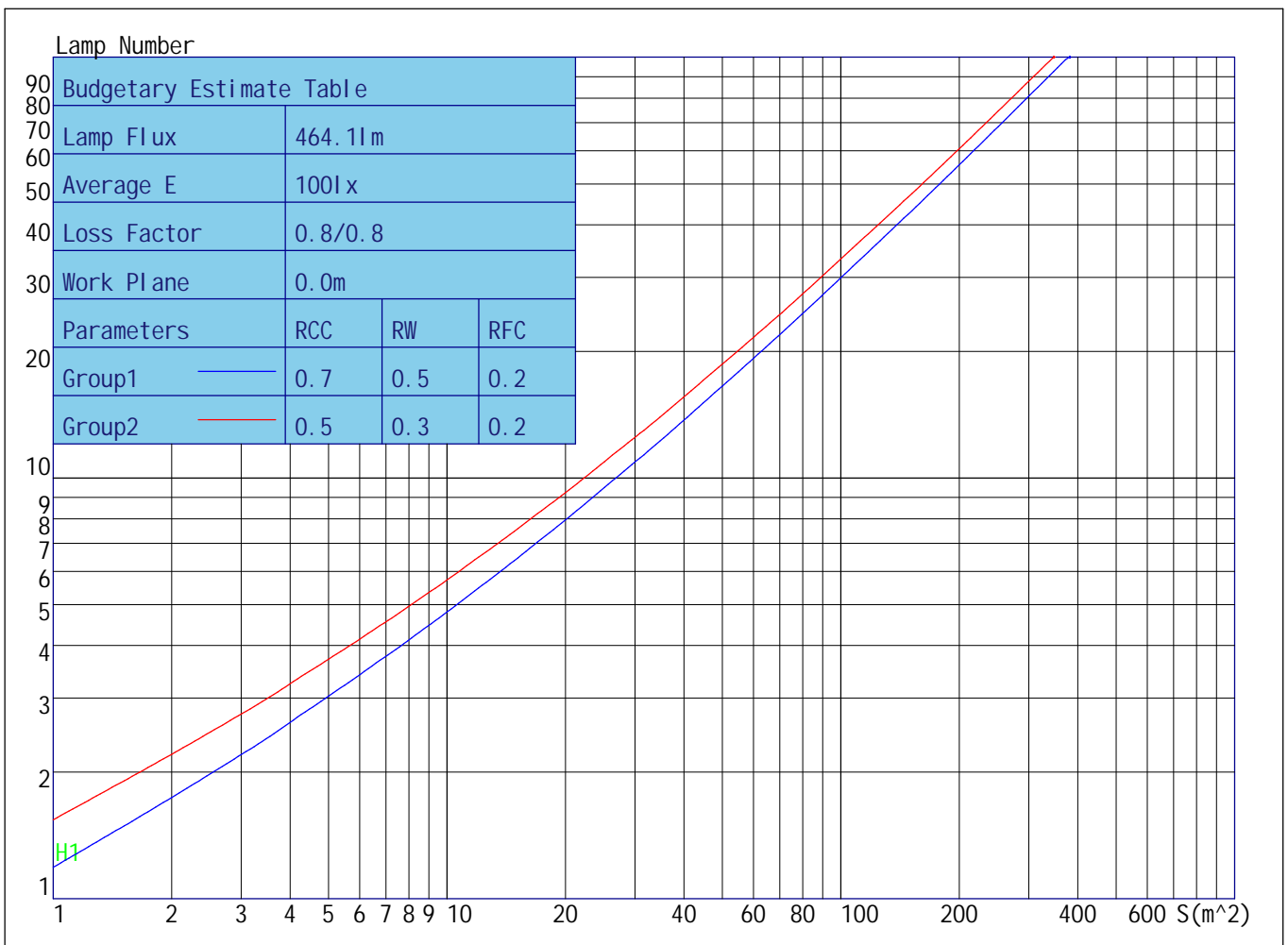
Luminance Limiting Curve



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: 2020/06/24



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: 2020/06/24

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	50	30	10	50	30	10
RCR	Coefficient of Utilization(%)																									
0	5478	5478	5478	5478	5327	5327	5327	5327	5046	5046	5046	5046	4790	4790	4790	4790	4554	4554	4554	4554	4431	4431	4431	4431		
1	5067	4874	4701	4544	4924	4751	4594	4452	4520	4393	4277	4308	4206	4112	4113	4033	3957	3852	3750	3652	3558	3468	3381	3297	3216	
2	4652	4310	4027	3789	4516	4207	3948	3729	4014	3799	3614	3836	3659	3504	3672	3528	3399	3294	3192	3093	3000	2912	2828	2746	2666	
3	4270	3826	3481	3207	4144	3739	3422	3166	3576	3308	3086	3426	3199	3009	3286	3097	2935	2832	2734	2640	2550	2462	2377	2294	2213	
4	3930	3417	3041	2754	3812	3343	2994	2725	3205	2905	2667	3077	2820	2611	2958	2738	2557	2456	2358	2264	2174	2087	2002	1919	1838	
5	3627	3071	2683	2396	3520	3009	2646	2374	2891	2574	2331	2781	2506	2289	2679	2440	2248	2150	2056	1965	1876	1789	1704	1621	1539	
6	3359	2778	2388	2109	3261	2725	2358	2092	2624	2300	2059	2529	2244	2026	2441	2190	1994	1900	1808	1718	1629	1542	1457	1373	1290	
7	3121	2528	2144	1875	3032	2482	2119	1861	2395	2071	1835	2313	2024	1809	2236	1980	1784	1693	1603	1514	1426	1339	1253	1169	1085	
8	2911	2314	1939	1681	2829	2274	1918	1670	2198	1878	1649	2127	1839	1628	2059	1801	1607	1520	1432	1345	1258	1172	1087	1003	920	
9	2723	2129	1765	1519	2649	2094	1747	1510	2028	1713	1493	1965	1680	1475	1906	1648	1458	1375	1287	1200	1114	1029	945	861	778	
10	2555	1968	1616	1382	2488	1937	1601	1375	1879	1572	1360	1824	1544	1346	1772	1516	1331	1252	1165	1079	994	909	825	741	658	

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: 2020/06/24

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	-21.7	-20.3	-22.6	-21.4	-21.1	-21.7	-20.3	-22.6	-21.4	-21.1
	Y=3H	-22.0	-20.8	-22.7	-21.6	-21.3	-22.0	-20.8	-22.7	-21.6	-21.3
	Y=4H	-22.1	-21.0	-22.8	-21.8	-21.4	-22.1	-21.0	-22.8	-21.8	-21.4
	Y=6H	-22.3	-21.3	-22.9	-21.9	-21.5	-22.3	-21.3	-22.9	-21.9	-21.5
	Y=8H	-22.4	-21.4	-22.9	-22.0	-21.6	-22.4	-21.4	-22.9	-22.0	-21.6
	Y=12H	-22.5	-21.5	-22.9	-22.1	-21.6	-22.5	-21.5	-22.9	-22.1	-21.6
X=4H	Y=2H	-22.1	-21.0	-22.8	-21.8	-21.4	-22.1	-21.0	-22.8	-21.8	-21.4
	Y=3H	-22.5	-21.5	-22.9	-22.1	-21.6	-22.5	-21.5	-22.9	-22.1	-21.6
	Y=4H	-22.7	-21.8	-23.0	-22.2	-21.8	-22.7	-21.8	-23.0	-22.2	-21.8
	Y=6H	-22.8	-22.1	-23.0	-22.4	-21.9	-22.8	-22.1	-23.0	-22.4	-21.9
	Y=8H	-22.9	-22.3	-23.1	-22.5	-22.0	-22.9	-22.3	-23.1	-22.5	-22.0
	Y=12H	-23.0	-22.5	-23.1	-22.5	-22.0	-23.0	-22.5	-23.1	-22.5	-22.0
X=8H	Y=4H	-22.9	-22.3	-23.1	-22.5	-22.0	-22.9	-22.3	-23.1	-22.5	-22.0
	Y=6H	-23.1	-22.6	-23.1	-22.6	-22.1	-23.1	-22.6	-23.1	-22.6	-22.1
	Y=8H	-23.2	-22.8	-23.1	-22.7	-22.1	-23.2	-22.8	-23.1	-22.7	-22.1
	Y=12H	-23.3	-23.0	-23.2	-22.8	-22.2	-23.3	-23.0	-23.2	-22.8	-22.2
X=12H	Y=4H	-23.0	-22.5	-23.1	-22.5	-22.0	-23.0	-22.5	-23.1	-22.5	-22.0
	Y=6H	-23.2	-22.8	-23.1	-22.7	-22.1	-23.2	-22.8	-23.1	-22.7	-22.1
	Y=8H	-23.3	-23.0	-23.2	-22.8	-22.2	-23.3	-23.0	-23.2	-22.8	-22.2
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:IWH5101L-2.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	193.20	193.20	193.20	193.20	193.20	193.20	193.20	193.20	193.20	193.20	193.20	193.20
Y 1.0	193.83	191.70	193.19	189.81	193.45	189.46	197.50	195.61	191.68	194.15	190.57	193.38
Y 2.0	197.27	194.15	190.47	192.58	191.19	192.65	194.27	192.28	191.58	191.01	193.72	190.63
Y 3.0	195.33	195.61	192.69	193.05	188.87	190.74	193.70	192.73	194.74	191.13	191.73	189.76
Y 4.0	193.13	192.19	194.10	189.34	191.61	188.04	196.79	195.66	193.35	194.33	189.53	193.11
Y 5.0	196.29	191.76	190.58	189.94	191.11	190.80	194.45	193.56	190.60	192.30	192.77	191.49
Y 6.0	195.25	194.62	189.90	192.20	187.29	190.39	192.20	191.11	192.95	189.98	192.64	188.83
Y 7.0	192.09	192.82	192.62	188.88	188.58	186.42	195.23	193.69	194.40	192.95	189.24	191.69
Y 8.0	194.69	189.65	190.63	186.55	189.80	188.02	193.96	193.95	190.88	192.91	190.98	191.83
Y 9.0	194.54	191.70	186.95	188.95	185.58	188.85	190.38	190.03	189.90	189.23	192.64	188.15
Y 10.0	190.51	192.30	188.33	187.50	184.45	184.35	192.47	190.42	192.59	190.45	188.96	189.51
Y 11.0	192.16	188.10	189.12	183.10	186.51	184.05	192.66	192.67	191.05	192.27	188.88	191.26
Y 12.0	192.85	187.18	184.99	183.66	183.28	185.73	188.29	189.40	187.46	188.66	191.54	187.57
Y 13.0	188.40	189.01	182.74	184.35	179.66	181.40	188.65	186.74	188.77	187.33	188.39	186.84
Y 14.0	188.54	185.92	184.49	179.77	181.04	178.94	189.93	188.83	189.86	189.90	186.33	189.40
Y 15.0	189.73	182.10	182.07	177.35	179.34	180.73	185.54	187.70	185.85	187.64	188.85	186.53
Y 16.0	184.97	183.25	177.12	178.78	174.08	177.18	183.46	183.19	183.79	184.05	186.95	183.34
Y 17.0	183.59	182.69	177.03	175.89	174.03	173.06	185.19	183.20	185.76	185.67	183.00	185.60
Y 18.0	185.07	177.45	177.40	170.96	173.99	174.27	181.71	184.03	183.98	185.27	184.65	184.04
Y 19.0	180.42	175.77	172.36	171.21	168.71	172.00	177.45	179.63	179.29	180.56	183.91	179.33
Y 20.0	177.20	176.75	168.96	170.68	166.35	166.66	178.70	176.48	179.26	179.78	178.91	179.94
Y 21.0	178.50	172.69	169.90	165.23	167.23	167.04	176.82	177.74	179.91	180.96	178.86	179.68
Y 22.0	174.43	168.00	167.22	162.68	162.78	166.16	171.21	175.21	175.26	176.47	179.06	174.36
Y 23.0	170.17	168.30	161.59	163.52	158.53	160.38	170.72	169.95	171.64	173.05	173.76	172.82
Y 24.0	171.27	167.02	160.82	159.47	159.42	159.31	170.73	169.59	172.79	174.31	171.64	173.56
Y 25.0	168.10	161.25	160.91	154.60	156.91	159.60	165.33	169.66	171.08	171.74	172.69	168.77
Y 26.0	162.64	158.85	155.64	154.98	151.20	154.10	162.70	164.49	165.73	166.41	167.95	164.98
Y 27.0	163.12	159.37	151.70	153.45	150.94	151.35	163.65	161.42	164.46	166.31	164.04	166.04
Y 28.0	161.16	154.95	152.29	147.57	150.34	152.25	159.44	162.43	164.93	166.01	165.02	162.49
Y 29.0	155.20	149.78	149.53	145.44	144.68	147.69	154.70	159.12	160.43	160.54	161.79	157.32
Y 30.0	154.90	149.94	143.78	145.76	142.56	143.48	155.39	153.92	156.16	158.00	156.52	157.75
Y 31.0	154.05	148.41	142.77	140.96	143.30	144.54	153.43	153.93	156.70	158.91	156.87	156.04
Y 32.0	147.68	142.51	142.59	136.11	138.43	141.17	147.70	153.39	155.43	154.85	155.45	150.14
Y 33.0	146.09	139.94	136.84	136.24	133.99	135.76	146.79	147.80	149.80	149.95	149.52	149.38
Y 34.0	145.96	140.21	132.81	133.96	134.76	136.08	146.44	145.19	147.49	150.32	148.36	149.13
Y 35.0	139.97	135.90	133.26	127.69	131.47	134.38	140.73	146.13	148.22	148.65	148.13	143.29
Y 36.0	137.10	130.57	129.84	125.58	125.69	128.12	137.30	142.13	144.46	142.74	142.57	140.95
Y 37.0	137.54	130.38	123.66	125.35	125.52	127.17	137.84	137.11	139.28	141.25	139.48	141.52
Y 38.0	132.04	128.85	122.58	120.00	123.79	126.43	133.57	137.33	139.22	141.29	140.15	136.44
Y 39.0	127.70	122.64	121.34	114.85	117.26	120.07	128.13	135.70	138.36	135.90	135.74	132.18
Y 40.0	128.21	119.63	114.99	114.67	115.42	117.29	127.85	129.58	132.51	132.00	130.64	132.73
Y 41.0	123.51	119.68	111.10	111.96	114.97	117.34	125.73	127.36	128.60	132.54	130.95	128.84
Y 42.0	118.12	114.96	111.17	105.41	108.76	111.71	119.28	127.49	129.00	128.95	128.01	123.01
Y 43.0	118.39	109.36	106.46	103.07	105.33	106.87	117.09	122.41	125.41	123.16	121.78	122.90

IES Indoor Report
Photometric Filename:IWH5101L-2.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	114.32	108.79	100.19	102.69	105.37	107.13	116.69	117.41	119.21	122.74	120.91	120.44
Y 45.0	107.77	106.65	99.33	97.03	99.86	102.64	110.96	117.21	117.71	121.03	119.45	113.52
Y 46.0	107.17	99.89	97.27	91.75	94.56	96.47	106.08	114.18	116.66	114.44	112.67	111.68
Y 47.0	104.05	96.80	90.51	91.60	94.61	96.19	105.85	107.30	110.58	111.48	109.54	110.53
Y 48.0	97.10	96.45	87.73	88.93	90.58	93.50	102.33	105.08	105.52	111.07	109.01	103.85
Y 49.0	95.63	90.95	87.65	82.48	84.17	86.62	95.87	104.27	105.33	105.32	103.09	100.19
Y 50.0	93.59	85.31	82.12	80.16	83.62	85.16	94.55	98.12	102.00	99.91	98.00	99.74
Y 51.0	86.22	84.79	76.85	79.90	80.66	84.04	93.34	93.15	95.19	99.59	97.85	93.85
Y 52.0	83.72	81.74	76.96	74.80	73.85	79.06	87.00	92.87	92.27	95.65	93.29	88.48
Y 53.0	82.57	74.83	73.94	69.54	72.50	74.30	82.87	89.13	91.35	88.81	86.66	88.19
Y 54.0	75.79	72.50	67.78	69.26	71.39	73.83	83.03	82.38	85.61	87.51	85.54	83.88
Y 55.0	72.03	71.59	66.56	67.08	64.69	67.88	78.74	80.75	79.61	85.63	83.28	77.30
Y 56.0	71.67	65.33	65.89	60.69	62.32	63.55	72.79	79.59	78.73	78.61	78.42	76.37
Y 57.0	65.51	60.74	59.78	58.01	62.09	63.87	72.01	73.32	76.27	75.40	73.44	74.30
Y 58.0	60.50	60.81	56.24	58.09	56.15	59.33	70.54	68.92	69.48	74.88	72.86	67.33
Y 59.0	60.56	56.91	56.71	53.40	52.68	53.93	63.83	68.86	65.70	68.75	66.77	64.79
Y 60.0	55.95	50.87	52.39	48.00	53.36	54.21	60.50	65.12	65.46	63.58	61.93	64.31
Y 61.0	50.12	50.31	47.07	47.94	48.39	51.53	60.38	58.96	61.11	63.55	62.07	58.06
Y 62.0	50.06	49.02	47.16	46.54	43.99	45.42	55.49	57.94	55.08	59.22	58.21	53.57
Y 63.0	46.86	42.85	44.91	40.50	44.75	44.88	49.72	57.10	54.20	52.98	51.87	53.67
Y 64.0	40.57	40.38	38.87	37.83	40.33	43.74	49.47	51.24	53.08	52.45	51.00	49.27
Y 65.0	39.94	40.74	37.71	38.53	35.57	37.56	47.46	47.32	47.27	50.13	49.24	43.33
Y 66.0	38.58	35.66	37.79	34.62	36.35	35.72	41.22	47.54	43.54	43.56	42.79	43.08
Y 67.0	32.14	31.05	32.20	29.17	33.45	35.71	39.02	43.93	43.98	42.39	40.40	40.96
Y 68.0	30.31	31.76	28.69	28.99	27.52	30.23	39.19	38.00	40.44	41.40	40.50	34.61
Y 69.0	30.28	28.83	28.81	28.15	27.32	26.69	34.16	36.90	34.76	35.20	35.36	33.11
Y 70.0	24.68	23.12	23.48	22.29	24.44	27.32	29.33	36.31	34.06	32.74	31.19	33.07
Y 71.0	21.28	22.37	17.01	18.49	16.99	22.12	29.55	30.77	33.48	33.06	31.77	27.55
Y 72.0	21.79	20.48	16.68	18.11	15.51	16.41	26.73	26.28	27.24	27.58	28.25	24.04
Y 73.0	16.82	14.01	14.12	14.09	14.50	16.42	19.78	25.76	22.53	23.18	21.85	24.35
Y 74.0	12.11	12.25	8.08	8.72	8.41	13.86	17.60	21.87	21.69	23.05	20.87	19.75
Y 75.0	13.26	13.11	7.49	8.69	6.91	8.57	17.05	15.13	16.97	17.74	18.94	13.88
Y 76.0	11.09	8.43	8.17	8.84	8.24	9.30	11.97	13.62	11.09	12.49	12.83	14.23
Y 77.0	6.40	5.99	3.74	4.68	3.82	9.09	8.58	14.14	10.92	13.31	10.73	13.14
Y 78.0	7.45	8.18	2.48	2.37	2.35	4.35	10.18	9.69	10.19	10.16	11.91	7.99
Y 79.0	7.76	5.40	5.07	4.80	4.94	4.25	7.93	6.11	4.91	5.31	7.53	7.40
Y 80.0	3.36	2.19	2.63	4.29	2.48	6.12	3.56	7.59	3.54	6.78	4.48	8.96
Y 81.0	3.62	4.94	0.66	0.69	0.77	2.49	4.84	6.89	5.47	5.56	6.50	5.17
Y 82.0	5.74	4.08	3.88	1.82	4.13	1.42	5.80	2.62	2.63	1.40	4.84	2.83
Y 83.0	2.51	0.63	3.51	4.62	3.02	4.32	1.88	2.61	0.51	3.51	1.08	5.49
Y 84.0	1.08	3.19	0.28	2.23	0.30	2.49	1.55	5.03	3.79	4.20	3.12	4.39
Y 85.0	4.27	4.07	2.70	0.21	4.05	0.56	4.45	2.84	3.64	0.56	4.51	0.92
Y 86.0	2.99	0.58	4.06	3.28	3.55	4.07	2.44	0.43	0.38	2.49	1.00	2.71
Y 87.0	0.21	2.29	0.65	4.05	0.21	2.91	0.28	3.17	2.49	4.18	1.24	4.48

IES Indoor Report
Photometric Filename:IWH5101L-2.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	2.98	4.44	1.69	0.80	2.75	0.26	3.40	4.09	4.40	0.59	4.39	1.33
Y 89.0	4.03	0.95	4.43	1.33	4.12	3.37	3.73	0.85	1.05	1.87	2.09	0.93
Y 90.0	0.65	1.52	1.48	4.36	0.61	3.77	0.33	1.22	1.26	4.36	0.32	4.34
Y 91.0	1.55	4.50	0.88	2.55	1.93	0.28	2.14	4.39	4.47	1.08	3.59	2.83
Y 92.0	4.51	1.55	4.32	0.19	4.52	2.24	4.40	2.69	2.13	1.35	3.56	0.22
Y 93.0	2.02	0.82	2.38	2.99	1.30	4.28	1.25	0.16	0.46	4.47	0.48	2.74
Y 94.0	0.62	4.35	0.39	4.20	1.22	0.88	0.90	2.82	3.73	1.53	2.22	4.23
Y 95.0	3.83	2.26	3.88	0.92	4.43	1.73	4.22	4.15	3.24	0.99	4.40	1.00
Y 96.0	3.42	0.48	3.19	1.23	2.06	4.62	2.50	1.03	0.19	4.34	1.27	1.16
Y 97.0	0.35	4.04	0.22	4.36	0.68	1.72	0.18	0.98	2.78	2.03	0.68	4.36
Y 98.0	2.50	2.95	3.28	2.60	4.21	0.91	3.37	4.21	4.10	0.57	4.12	2.71
Y 99.0	4.47	0.33	3.73	0.30	2.96	4.47	3.85	2.94	0.69	4.17	2.90	0.23
Y 100.0	1.28	3.66	0.43	3.33	0.44	2.65	0.47	0.22	1.81	2.57	0.18	3.02
Y 101.0	1.13	3.65	2.72	4.20	3.61	0.49	2.08	2.57	4.49	0.40	2.87	4.26
Y 102.0	4.52	0.48	4.41	0.88	3.77	3.88	4.55	4.49	1.48	3.79	4.29	0.95
Y 103.0	3.03	3.15	0.80	1.96	0.52	3.64	1.48	1.48	0.97	3.21	0.96	1.25
Y 104.0	0.56	4.34	2.38	4.81	2.97	0.66	0.91	0.87	4.46	0.25	1.32	4.43
Y 105.0	3.31	0.82	4.66	2.24	4.54	3.08	4.34	4.10	2.50	3.22	4.47	2.85
Y 106.0	4.48	2.69	1.28	0.82	1.03	4.68	2.83	3.33	0.43	3.68	2.53	0.31
Y 107.0	1.19	4.79	1.96	4.30	2.16	1.11	0.31	0.44	4.00	0.41	0.37	3.29
Y 108.0	1.76	1.34	4.97	3.70	4.99	2.10	3.56	2.33	3.36	2.71	3.34	4.42
Y 109.0	4.88	2.29	1.88	0.68	1.95	4.97	4.13	4.65	0.43	4.28	4.15	1.16
Y 110.0	2.93	5.05	1.66	3.38	1.59	2.01	0.66	1.89	3.30	0.78	0.77	1.38
Y 111.0	0.88	1.82	5.06	4.84	5.02	1.33	2.42	0.73	4.26	2.20	1.87	4.50
Y 112.0	3.81	1.84	2.60	1.42	2.91	4.88	4.90	4.05	0.85	4.71	4.67	3.22
Y 113.0	4.57	5.16	1.23	2.39	1.14	3.50	1.55	3.91	2.51	1.38	2.31	0.51
Y 114.0	1.18	2.42	4.92	5.23	4.50	0.97	1.47	0.69	4.76	1.66	0.60	3.11
Y 115.0	2.27	1.54	3.25	2.27	3.92	4.46	4.71	2.25	1.44	4.90	3.77	4.53
Y 116.0	5.11	5.06	1.11	1.63	1.01	4.14	2.74	4.94	1.84	2.15	4.15	1.26
Y 117.0	2.99	3.06	4.68	5.06	3.77	1.06	0.83	2.36	4.94	1.19	0.98	1.45
Y 118.0	1.19	1.18	3.96	3.32	4.67	3.58	4.24	0.80	2.25	4.77	2.28	4.65
Y 119.0	4.25	4.91	1.11	1.16	1.29	5.09	3.86	3.93	1.21	2.93	4.88	3.33
Y 120.0	4.81	3.67	4.29	4.68	2.89	1.65	0.85	4.39	4.70	0.93	2.54	0.70
Y 121.0	1.37	1.23	4.46	4.21	5.42	2.64	3.46	1.05	3.04	4.33	0.84	3.15
Y 122.0	2.58	4.57	1.16	1.21	2.26	5.54	4.74	2.11	0.84	3.80	4.00	4.94
Y 123.0	5.45	4.22	3.88	4.02	2.10	2.60	1.19	5.11	4.39	0.88	4.32	1.92
Y 124.0	3.21	1.32	5.00	5.03	5.53	1.96	2.58	2.83	3.96	3.77	1.13	1.31
Y 125.0	1.44	4.25	1.45	1.65	3.52	5.37	5.18	0.80	0.90	4.61	2.37	4.65
Y 126.0	4.46	4.87	3.41	3.37	1.55	3.68	2.03	3.85	3.68	1.16	5.23	4.02
Y 127.0	5.01	1.50	5.34	5.64	4.93	1.43	1.81	4.71	4.70	3.19	2.87	0.99
Y 128.0	1.88	3.88	1.92	2.18	4.57	4.79	5.24	1.43	1.24	5.10	1.15	2.88
Y 129.0	2.77	5.41	3.02	2.83	1.45	4.92	2.96	2.08	3.18	1.67	4.11	5.22
Y 130.0	5.75	1.92	5.66	5.88	3.96	1.55	1.24	5.20	5.28	2.49	4.67	2.55
Y 131.0	3.75	3.40	2.54	2.90	5.59	3.87	4.85	3.47	1.77	5.44	1.46	1.37

IES Indoor Report
Photometric Filename:IWH5101L-2.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 132.0	1.52	5.75	2.66	2.28	2.18	5.76	3.94	1.06	2.48	2.50	2.39	4.67
Y 133.0	4.47	2.35	5.86	5.86	3.01	2.33	1.12	3.78	5.37	1.94	5.26	4.44
Y 134.0	5.56	2.95	3.19	3.70	6.03	2.91	4.16	5.11	2.42	5.34	3.19	1.26
Y 135.0	2.41	6.01	2.24	1.97	3.54	5.97	4.88	1.92	2.09	3.36	1.16	2.95
Y 136.0	2.64	3.01	5.85	5.56	2.12	3.79	1.53	2.05	5.42	1.53	4.00	5.50
Y 137.0	5.84	2.51	3.87	4.53	5.60	2.01	3.26	5.32	3.14	5.03	5.08	2.85
Y 138.0	4.46	6.02	1.99	1.91	4.81	5.53	5.43	3.98	1.69	4.26	1.90	1.62
Y 139.0	1.80	3.71	5.70	5.16	1.85	4.72	2.23	1.33	5.26	1.37	2.29	4.82
Y 140.0	4.25	2.12	4.53	5.30	4.46	1.88	2.35	3.58	3.92	4.29	5.45	4.72
Y 141.0	6.06	5.77	1.94	2.00	5.82	4.59	5.51	5.52	1.48	4.90	3.79	1.51
Y 142.0	2.96	4.45	5.21	4.68	2.46	5.62	3.16	2.44	4.89	1.51	1.35	3.27
Y 143.0	2.45	2.05	5.18	5.84	3.30	2.39	1.56	2.02	4.65	3.66	3.97	5.70
Y 144.0	5.75	5.44	2.02	2.34	6.21	3.55	5.21	5.29	1.55	5.47	5.52	2.98
Y 145.0	5.12	5.15	4.76	4.05	3.83	6.24	4.13	4.49	4.25	2.00	2.40	1.77
Y 146.0	2.12	2.06	5.77	6.26	2.30	3.25	1.33	1.48	5.34	2.99	2.27	4.93
Y 147.0	3.99	4.92	2.26	2.83	5.88	2.94	4.29	3.54	1.90	5.78	5.48	4.83
Y 148.0	6.30	5.78	4.26	3.55	5.05	6.31	5.16	5.78	3.66	2.72	4.36	1.74
Y 149.0	3.74	2.28	6.18	6.50	2.13	4.11	1.67	2.94	5.85	2.27	1.70	3.44
Y 150.0	2.43	4.45	2.63	3.41	4.63	2.17	3.23	1.96	2.50	5.67	3.93	5.97
Y 151.0	5.60	6.24	3.69	3.00	5.90	5.55	5.75	5.20	2.99	3.63	5.88	3.23
Y 152.0	5.73	2.74	6.46	6.48	2.79	5.42	2.62	4.97	6.03	1.71	3.01	1.89
Y 153.0	2.46	3.91	3.23	4.13	3.52	2.26	2.24	1.69	3.25	5.07	2.01	5.01
Y 154.0	3.70	6.55	3.34	2.58	6.51	4.51	5.50	3.35	2.23	4.53	5.33	5.13
Y 155.0	6.52	3.17	6.51	6.14	4.18	6.36	3.87	5.80	5.77	1.64	4.91	1.87
Y 156.0	4.28	3.48	3.88	4.96	2.44	2.99	1.57	3.24	4.00	4.29	1.84	3.37
Y 157.0	2.46	6.66	2.96	2.33	5.78	3.31	4.76	1.88	1.79	5.45	3.51	5.99
Y 158.0	5.48	3.84	6.47	5.60	5.54	6.54	5.20	5.09	5.20	2.00	5.99	3.35
Y 159.0	6.14	2.96	4.59	5.68	2.38	4.22	2.00	4.92	4.92	3.33	3.32	2.32
Y 160.0	2.84	6.55	2.52	2.42	4.43	2.44	3.62	1.89	1.78	5.97	1.92	5.36
Y 161.0	3.62	4.49	6.09	5.02	6.46	5.72	5.97	3.34	4.53	2.94	5.10	5.01
Y 162.0	6.63	2.67	5.20	6.11	3.19	5.73	2.96	6.05	5.70	2.60	5.32	1.82
Y 163.0	4.72	6.09	2.44	2.72	3.34	2.50	2.37	3.40	2.25	5.95	2.03	3.81
Y 164.0	2.46	5.14	5.52	4.35	6.52	4.45	5.80	1.93	3.78	4.25	3.28	6.10
Y 165.0	5.35	2.44	5.73	6.57	4.50	6.57	4.28	5.23	6.13	2.04	6.09	3.19
Y 166.0	6.38	5.60	2.43	3.15	2.72	3.51	1.77	5.10	2.86	5.13	3.75	2.40
Y 167.0	3.16	5.86	4.97	3.79	5.64	3.07	4.82	1.96	2.87	5.37	1.86	5.77
Y 168.0	3.62	2.50	6.22	6.73	5.82	6.33	5.75	3.62	6.18	2.05	4.88	4.92
Y 169.0	6.72	5.01	2.68	3.79	2.45	5.03	2.37	6.12	3.60	4.14	5.67	2.00
Y 170.0	4.94	6.41	4.34	3.28	4.34	2.39	3.45	3.34	2.29	6.18	2.46	4.23
Y 171.0	6.71	5.97	2.36	2.90	2.37	4.76	2.17	6.18	2.78	4.82	5.63	1.99
Y 172.0	6.03	6.54	4.01	3.28	3.61	2.57	2.83	4.65	2.36	6.39	3.41	3.34
Y 173.0	6.25	6.35	4.13	3.54	3.43	2.59	2.84	5.07	2.48	6.51	3.66	3.07
Y 174.0	4.32	3.68	6.46	6.26	5.76	3.01	5.43	3.04	5.26	5.47	2.17	5.16
Y 175.0	5.51	3.99	6.07	6.10	4.74	2.53	4.71	4.30	4.82	6.28	2.60	3.99

IES Indoor Report
Photometric Filename:IWH5101L-2.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 176.0	4.34	6.42	2.38	2.53	3.63	5.99	3.24	4.95	2.69	3.04	6.43	3.52
Y 177.0	3.31	3.38	5.62	4.59	6.66	5.71	6.57	2.39	5.74	3.98	3.35	6.13
Y 178.0	6.80	2.54	5.98	6.54	3.69	2.96	5.45	6.16	6.45	6.64	2.60	2.33
Y 179.0	5.42	6.42	5.93	2.61	6.06	6.70	4.83	4.17	2.63	5.54	5.29	4.28
Y 180.0	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18