

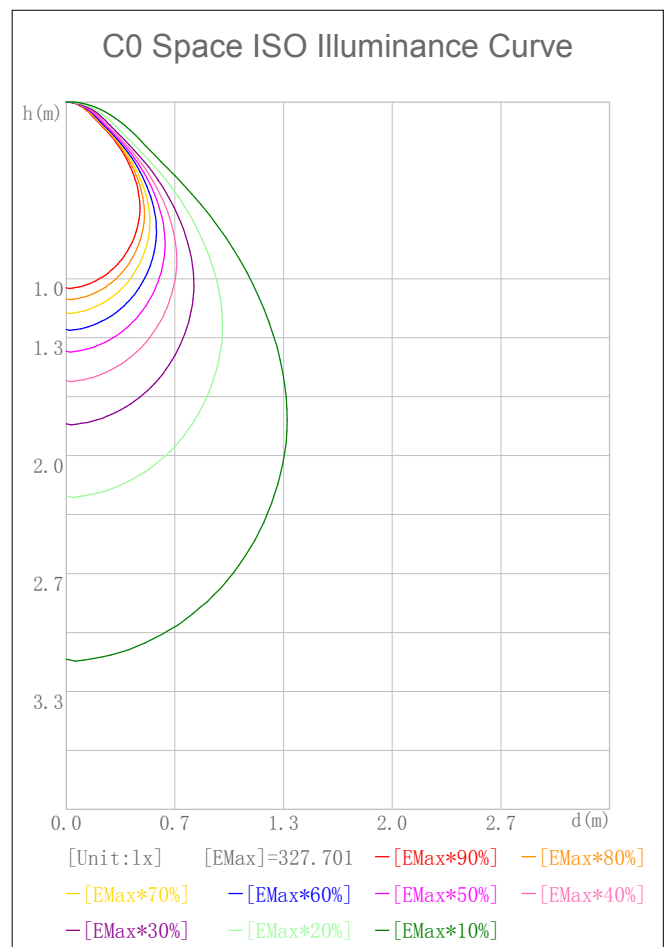
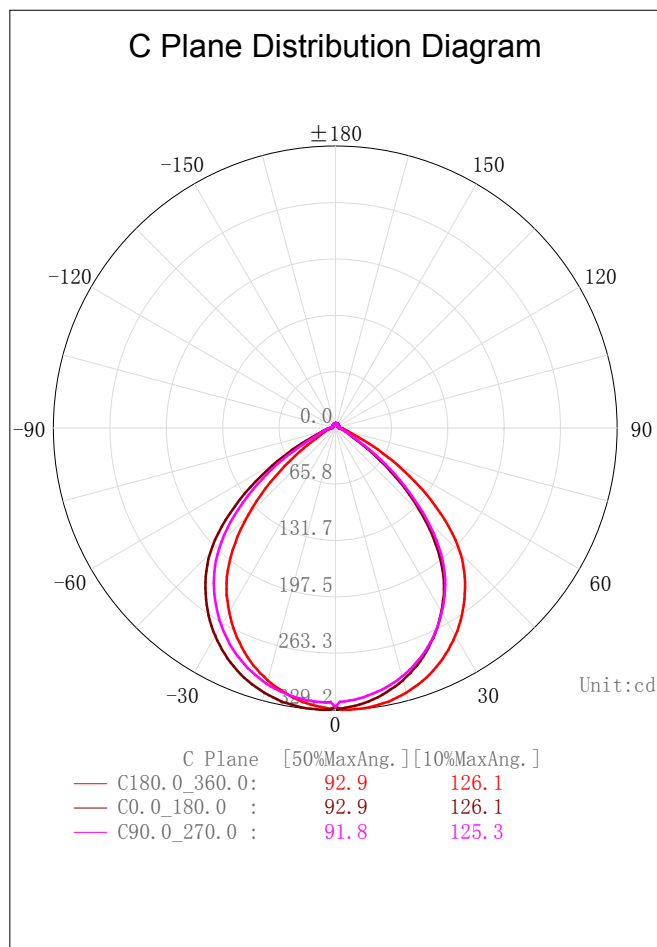
Indoor Luminaire Photometric Data

Description Information

Luminary Name: HV5528T-3000K	Lum. Catalog:	Test ID: zhang jin cheng
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/06/21
Manufacture: Havit Lighting	Shld. Ang(°):	Test Machine: GON-2000
Test Lab: QC Department	Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H): 0.100m*0.100m*0.060m	Lum. Area (m ²): 0.016	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity (%): 50.0

Character Parameter

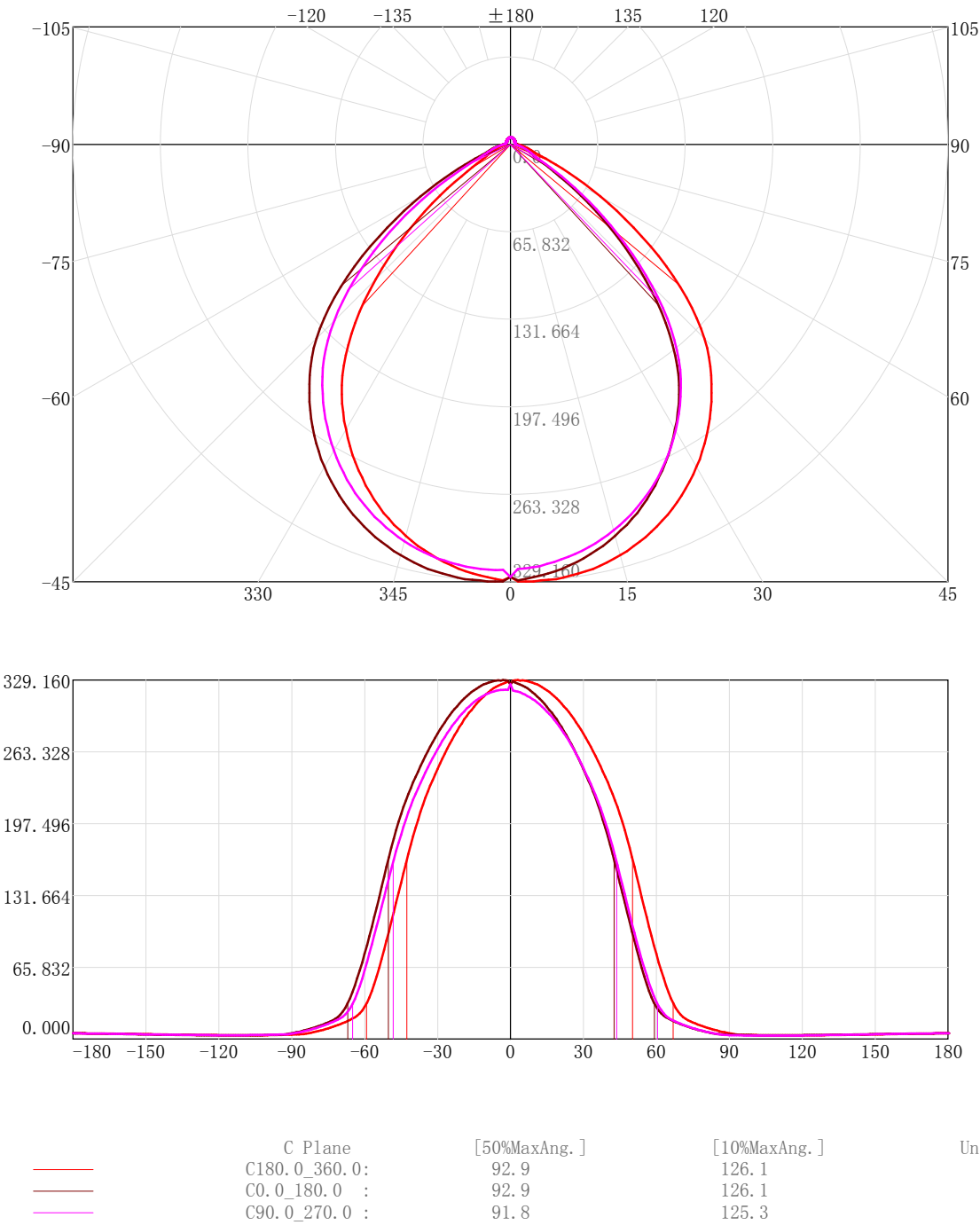
Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 847.000	Luminary Flux(lm): 679.455	Field Angle(10%Imax): 126.1(°)
Rated Power(W):	Luminary Efficiency: 80.22%	Down Lumens&Percent: 654.319lm 96.30%
Rated Voltage(V):	Luminary EER(lm/W): 72.958	Up Lumens&Percent: 25.136lm 3.70%
Tested Power(W): 9.313	Max. Candela(cd): 329.160	S/MH: C0_a180=1.207 C90_270=1.181
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=3.0	CIE Type: Semi-Direct
Tested Electrics(V, A, pf): 240.1, 0.042, 0.918	Beam Angle(50%Imax): 92.9(°)	ErP Φuse(120°): 609.043lm
Lamp Size(W*L*H): 0.100m*0.100m*0.060m	Left=-42.6°, Right=50.3°	IRF(%): 133.510



2D Plane Light Intensity Distribution Curve

Lum. Name: HV5528T-3000K	Lum. Catalog:	Test ID: zhang jin cheng
Lamp Name:	Lamp Catalog: LED	Test Lab: QC Department
Manufacture: Havit Lighting	Test Machine: GON-2000	Test Date: 2019/06/21

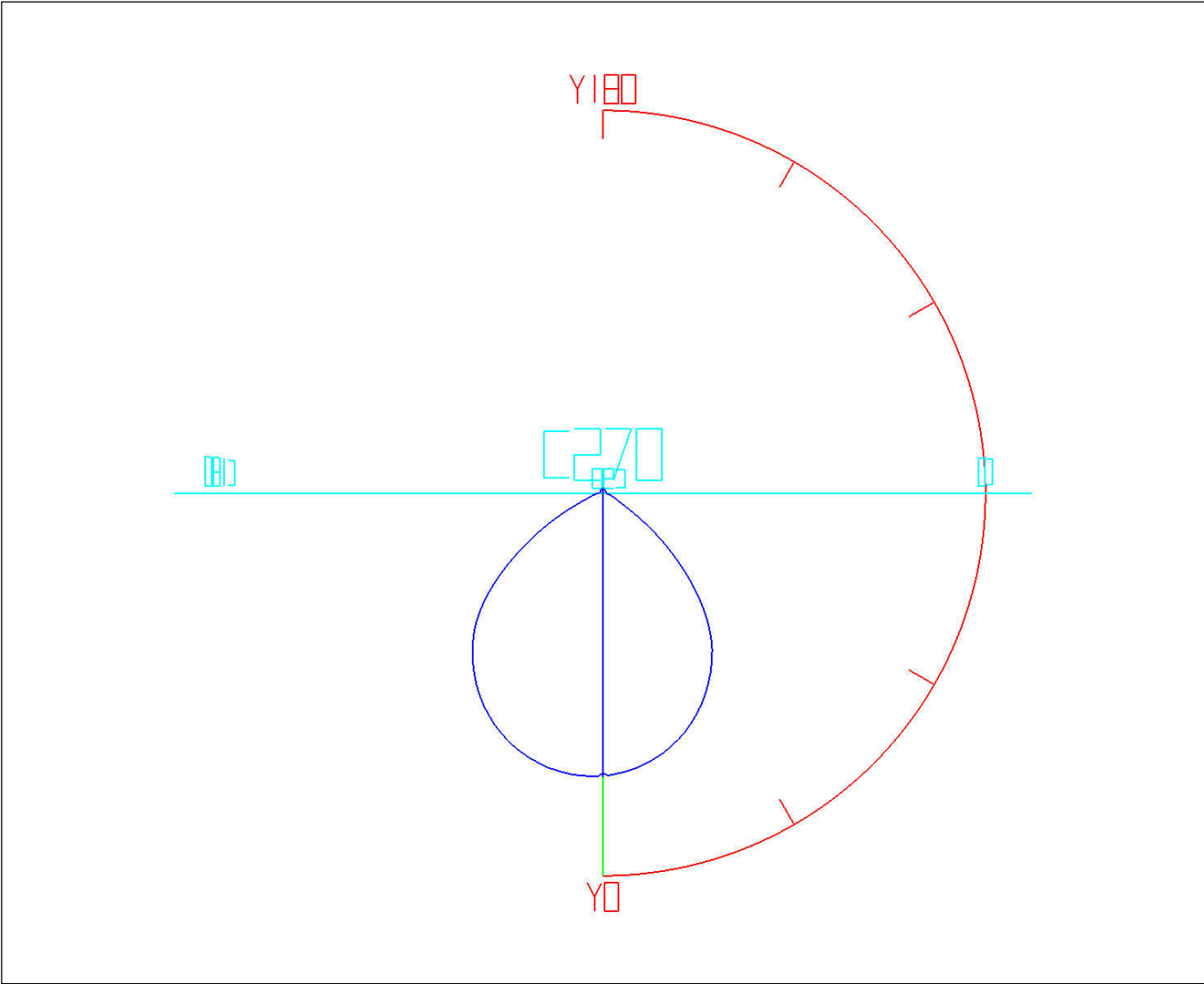
C Plane Distribution Diagram



3D Light Intensity Distribution Modal

Lum. Name: HV5528T-3000K	Lum. Catalog:	Test ID: zhang jin cheng
Lamp Name:	Lamp Catalog: LED	Test Lab: QC Department
Manufacture: Havit Lighting	Test Machine: GON-2000	Test Date: 2019/06/21

3D Light Intensity Distribution Modal



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

Zonal Flux Tabulation

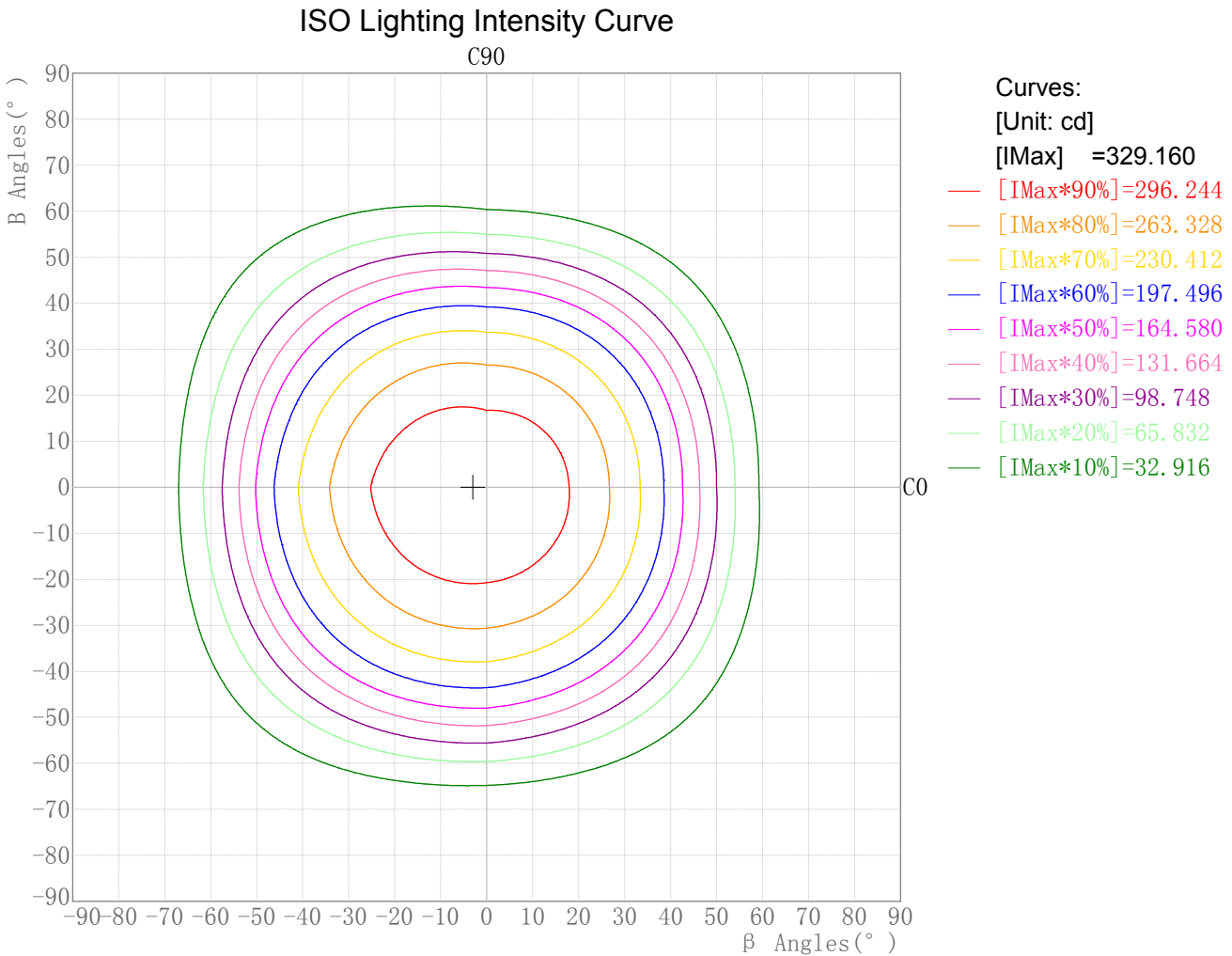
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.31	0.31	0.04	0.04	47.0-48.0	12.23	502.67	1.44	59.35
1.0-2.0	0.93	1.24	0.11	0.15	48.0-49.0	11.72	514.39	1.38	60.73
2.0-3.0	1.55	2.79	0.18	0.33	49.0-50.0	11.18	525.56	1.32	62.05
3.0-4.0	2.16	4.95	0.26	0.58	50.0-51.0	10.61	536.17	1.25	63.30
4.0-5.0	2.78	7.73	0.33	0.91	51.0-52.0	10.02	546.19	1.18	64.49
5.0-6.0	3.38	11.11	0.40	1.31	52.0-53.0	9.40	555.59	1.11	65.60
6.0-7.0	3.99	15.10	0.47	1.78	53.0-54.0	8.77	564.37	1.04	66.63
7.0-8.0	4.58	19.68	0.54	2.32	54.0-55.0	8.14	572.50	0.96	67.59
8.0-9.0	5.17	24.85	0.61	2.93	55.0-56.0	7.50	580.01	0.89	68.48
9.0-10.0	5.75	30.60	0.68	3.61	56.0-57.0	6.88	586.89	0.81	69.29
10.0-11.0	6.32	36.93	0.75	4.36	57.0-58.0	6.27	593.16	0.74	70.03
11.0-12.0	6.88	43.81	0.81	5.17	58.0-59.0	5.69	598.85	0.67	70.70
12.0-13.0	7.43	51.25	0.88	6.05	59.0-60.0	5.14	603.99	0.61	71.31
13.0-14.0	7.97	59.22	0.94	6.99	60.0-61.0	4.63	608.62	0.55	71.86
14.0-15.0	8.50	67.71	1.00	7.99	61.0-62.0	4.14	612.76	0.49	72.35
15.0-16.0	9.01	76.72	1.06	9.06	62.0-63.0	3.71	616.47	0.44	72.78
16.0-17.0	9.50	86.22	1.12	10.18	63.0-64.0	3.32	619.79	0.39	73.17
17.0-18.0	9.98	96.20	1.18	11.36	64.0-65.0	2.98	622.76	0.35	73.53
18.0-19.0	10.45	106.65	1.23	12.59	65.0-66.0	2.68	625.45	0.32	73.84
19.0-20.0	10.89	117.54	1.29	13.88	66.0-67.0	2.43	627.88	0.29	74.13
20.0-21.0	11.32	128.86	1.34	15.21	67.0-68.0	2.21	630.09	0.26	74.39
21.0-22.0	11.72	140.58	1.38	16.60	68.0-69.0	2.03	632.12	0.24	74.63
22.0-23.0	12.11	152.69	1.43	18.03	69.0-70.0	1.87	633.99	0.22	74.85
23.0-24.0	12.48	165.17	1.47	19.50	70.0-71.0	1.74	635.72	0.20	75.06
24.0-25.0	12.82	177.99	1.51	21.01	71.0-72.0	1.62	637.35	0.19	75.25
25.0-26.0	13.14	191.13	1.55	22.57	72.0-73.0	1.53	638.87	0.18	75.43
26.0-27.0	13.44	204.57	1.59	24.15	73.0-74.0	1.44	640.32	0.17	75.60
27.0-28.0	13.71	218.28	1.62	25.77	74.0-75.0	1.36	641.68	0.16	75.76
28.0-29.0	13.96	232.24	1.65	27.42	75.0-76.0	1.28	642.96	0.15	75.91
29.0-30.0	14.18	246.42	1.67	29.09	76.0-77.0	1.20	644.16	0.14	76.05
30.0-31.0	14.38	260.79	1.70	30.79	77.0-78.0	1.13	645.29	0.13	76.19
31.0-32.0	14.55	275.34	1.72	32.51	78.0-79.0	1.06	646.35	0.13	76.31
32.0-33.0	14.69	290.02	1.73	34.24	79.0-80.0	0.99	647.34	0.12	76.43
33.0-34.0	14.80	304.82	1.75	35.99	80.0-81.0	0.93	648.27	0.11	76.54
34.0-35.0	14.88	319.71	1.76	37.75	81.0-82.0	0.87	649.13	0.10	76.64
35.0-36.0	14.93	334.64	1.76	39.51	82.0-83.0	0.81	649.94	0.10	76.73
36.0-37.0	14.95	349.59	1.76	41.27	83.0-84.0	0.75	650.70	0.09	76.82
37.0-38.0	14.92	364.51	1.76	43.04	84.0-85.0	0.70	651.40	0.08	76.91
38.0-39.0	14.85	379.36	1.75	44.79	85.0-86.0	0.66	652.06	0.08	76.98
39.0-40.0	14.74	394.10	1.74	46.53	86.0-87.0	0.61	652.67	0.07	77.06
40.0-41.0	14.59	408.69	1.72	48.25	87.0-88.0	0.58	653.25	0.07	77.13
41.0-42.0	14.39	423.09	1.70	49.95	88.0-89.0	0.55	653.80	0.06	77.19
42.0-43.0	14.15	437.24	1.67	51.62	89.0-90.0	0.52	654.32	0.06	77.25
43.0-44.0	13.86	451.10	1.64	53.26	90.0-91.0	0.50	654.82	0.06	77.31
44.0-45.0	13.52	464.62	1.60	54.85	91.0-92.0	0.47	655.29	0.06	77.37
45.0-46.0	13.13	477.75	1.55	56.40	92.0-93.0	0.46	655.75	0.05	77.42
46.0-47.0	12.70	490.45	1.50	57.90	93.0-94.0	0.44	656.19	0.05	77.47

Zonal Flux Tabulation - (Cont.)

Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.44	656.63	0.05	77.52	141.0-142.0	0.29	673.19	0.03	79.48
95.0-96.0	0.43	657.06	0.05	77.57	142.0-143.0	0.28	673.47	0.03	79.51
96.0-97.0	0.42	657.48	0.05	77.62	143.0-144.0	0.28	673.75	0.03	79.55
97.0-98.0	0.42	657.90	0.05	77.67	144.0-145.0	0.28	674.02	0.03	79.58
98.0-99.0	0.41	658.31	0.05	77.72	145.0-146.0	0.27	674.29	0.03	79.61
99.0-100.0	0.41	658.72	0.05	77.77	146.0-147.0	0.27	674.56	0.03	79.64
100.0-101.0	0.40	659.12	0.05	77.82	147.0-148.0	0.26	674.82	0.03	79.67
101.0-102.0	0.40	659.52	0.05	77.87	148.0-149.0	0.26	675.08	0.03	79.70
102.0-103.0	0.39	659.91	0.05	77.91	149.0-150.0	0.25	675.33	0.03	79.73
103.0-104.0	0.39	660.30	0.05	77.96	150.0-151.0	0.25	675.57	0.03	79.76
104.0-105.0	0.39	660.69	0.05	78.00	151.0-152.0	0.24	675.81	0.03	79.79
105.0-106.0	0.38	661.07	0.05	78.05	152.0-153.0	0.23	676.05	0.03	79.82
106.0-107.0	0.38	661.45	0.04	78.09	153.0-154.0	0.23	676.28	0.03	79.84
107.0-108.0	0.38	661.82	0.04	78.14	154.0-155.0	0.22	676.50	0.03	79.87
108.0-109.0	0.37	662.20	0.04	78.18	155.0-156.0	0.22	676.71	0.03	79.90
109.0-110.0	0.37	662.57	0.04	78.22	156.0-157.0	0.21	676.92	0.02	79.92
110.0-111.0	0.37	662.93	0.04	78.27	157.0-158.0	0.20	677.12	0.02	79.94
111.0-112.0	0.36	663.30	0.04	78.31	158.0-159.0	0.20	677.32	0.02	79.97
112.0-113.0	0.36	663.66	0.04	78.35	159.0-160.0	0.19	677.51	0.02	79.99
113.0-114.0	0.36	664.02	0.04	78.40	160.0-161.0	0.18	677.69	0.02	80.01
114.0-115.0	0.36	664.38	0.04	78.44	161.0-162.0	0.17	677.86	0.02	80.03
115.0-116.0	0.36	664.73	0.04	78.48	162.0-163.0	0.17	678.03	0.02	80.05
116.0-117.0	0.35	665.08	0.04	78.52	163.0-164.0	0.16	678.18	0.02	80.07
117.0-118.0	0.35	665.44	0.04	78.56	164.0-165.0	0.15	678.33	0.02	80.09
118.0-119.0	0.35	665.79	0.04	78.61	165.0-166.0	0.14	678.47	0.02	80.10
119.0-120.0	0.35	666.13	0.04	78.65	166.0-167.0	0.13	678.61	0.02	80.12
120.0-121.0	0.35	666.48	0.04	78.69	167.0-168.0	0.12	678.73	0.01	80.13
121.0-122.0	0.34	666.82	0.04	78.73	168.0-169.0	0.11	678.84	0.01	80.15
122.0-123.0	0.34	667.16	0.04	78.77	169.0-170.0	0.10	678.95	0.01	80.16
123.0-124.0	0.34	667.50	0.04	78.81	170.0-171.0	0.10	679.04	0.01	80.17
124.0-125.0	0.34	667.84	0.04	78.85	171.0-172.0	0.09	679.13	0.01	80.18
125.0-126.0	0.34	668.18	0.04	78.89	172.0-173.0	0.08	679.20	0.01	80.19
126.0-127.0	0.33	668.51	0.04	78.93	173.0-174.0	0.07	679.27	0.01	80.20
127.0-128.0	0.33	668.84	0.04	78.97	174.0-175.0	0.06	679.33	0.01	80.20
128.0-129.0	0.33	669.17	0.04	79.00	175.0-176.0	0.05	679.37	0.01	80.21
129.0-130.0	0.33	669.50	0.04	79.04	176.0-177.0	0.04	679.41	0.00	80.21
130.0-131.0	0.32	669.82	0.04	79.08	177.0-178.0	0.03	679.43	0.00	80.22
131.0-132.0	0.32	670.14	0.04	79.12	178.0-179.0	0.02	679.45	0.00	80.22
132.0-133.0	0.32	670.46	0.04	79.16	179.0-180.0	0.01	679.45	0.00	80.22
133.0-134.0	0.32	670.78	0.04	79.19					
134.0-135.0	0.31	671.09	0.04	79.23					
135.0-136.0	0.31	671.40	0.04	79.27					
136.0-137.0	0.31	671.71	0.04	79.30					
137.0-138.0	0.30	672.01	0.04	79.34					
138.0-139.0	0.30	672.31	0.04	79.38					
139.0-140.0	0.30	672.61	0.03	79.41					
140.0-141.0	0.29	672.90	0.03	79.44					

Rectangle ISO Lighting Intensity Diagram

Lum. Name: HV5528T-3000K	Lum. Catalog:	Test ID: zhang jin cheng
Lamp Name:	Lamp Catalog: LED	Test Lab: QC Department
Manufacture: Havit Lighting	Test Machine: GON-2000	Test Date: 2019/06/21

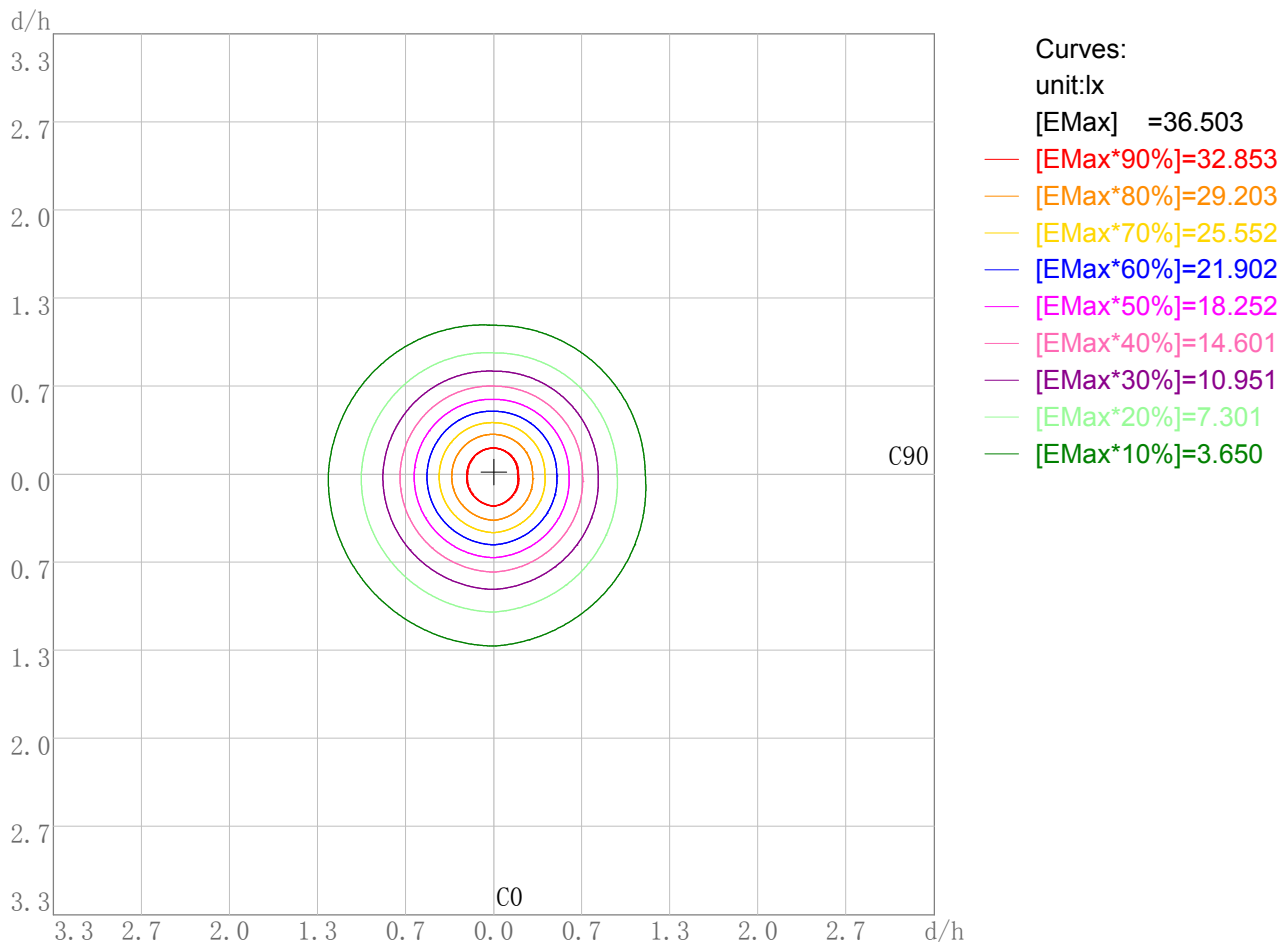


Maximum Light Intensity(cd): 329.16
Maximum Cand.@Angle: H=-3.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name: HV5528T-3000K	Lum. Catalog:	Test ID: zhang jin cheng
Lamp Name:	Lamp Catalog: LED	Test Lab: QC Department
Manufacture: Havit Lighting	Test Machine: GON-2000	Test Date: 2019/06/21

Plane ISO-Illuminance Curve

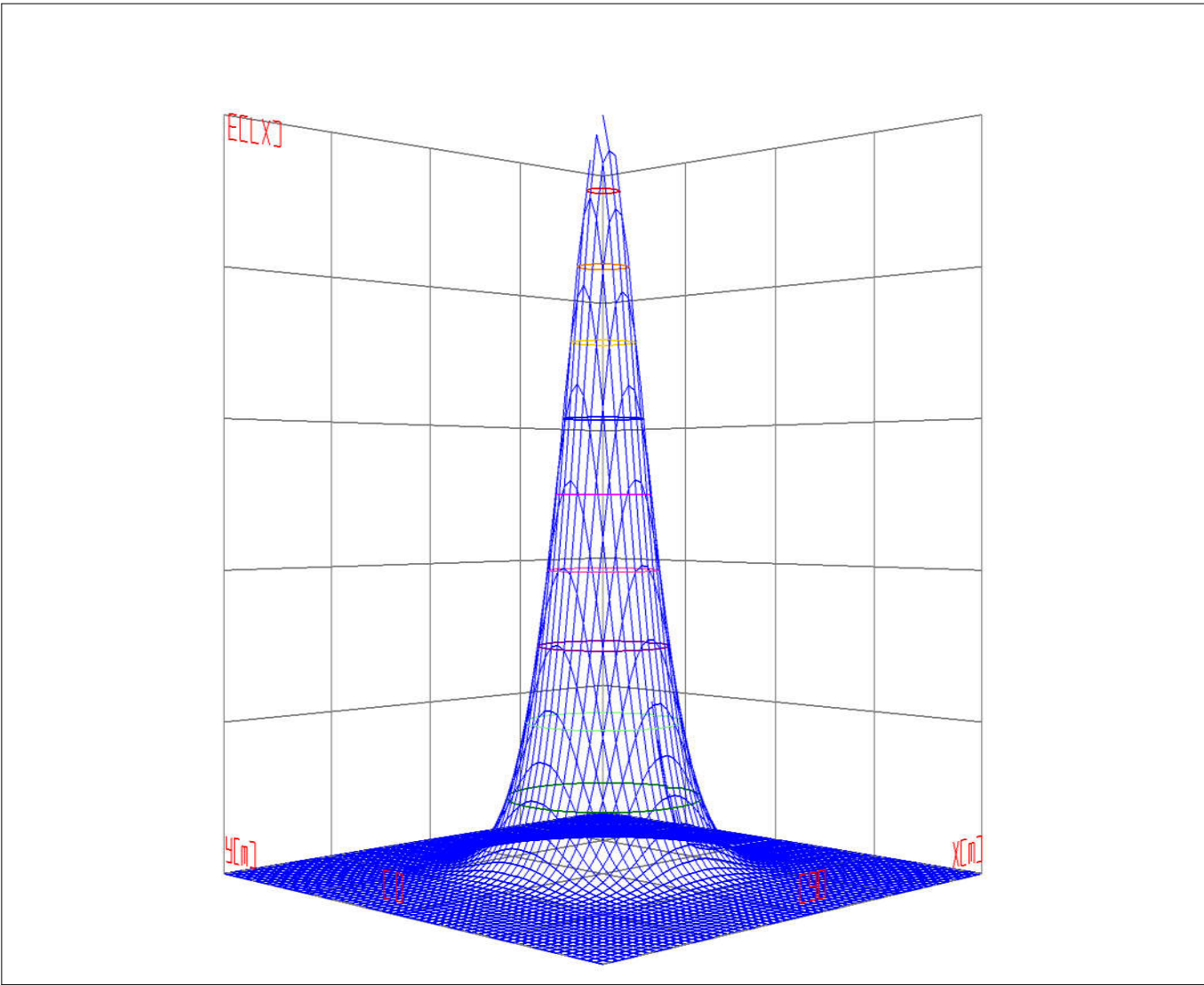


Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 36.50
 Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name: HV5528T-3000K	Lum. Catalog:	Test ID: zhang jin cheng
Lamp Name:	Lamp Catalog: LED	Test Lab: QC Department
Manufacture: Havit Lighting	Test Machine: GON-2000	Test Date: 2019/06/21

3D Plane Illuminance Modal

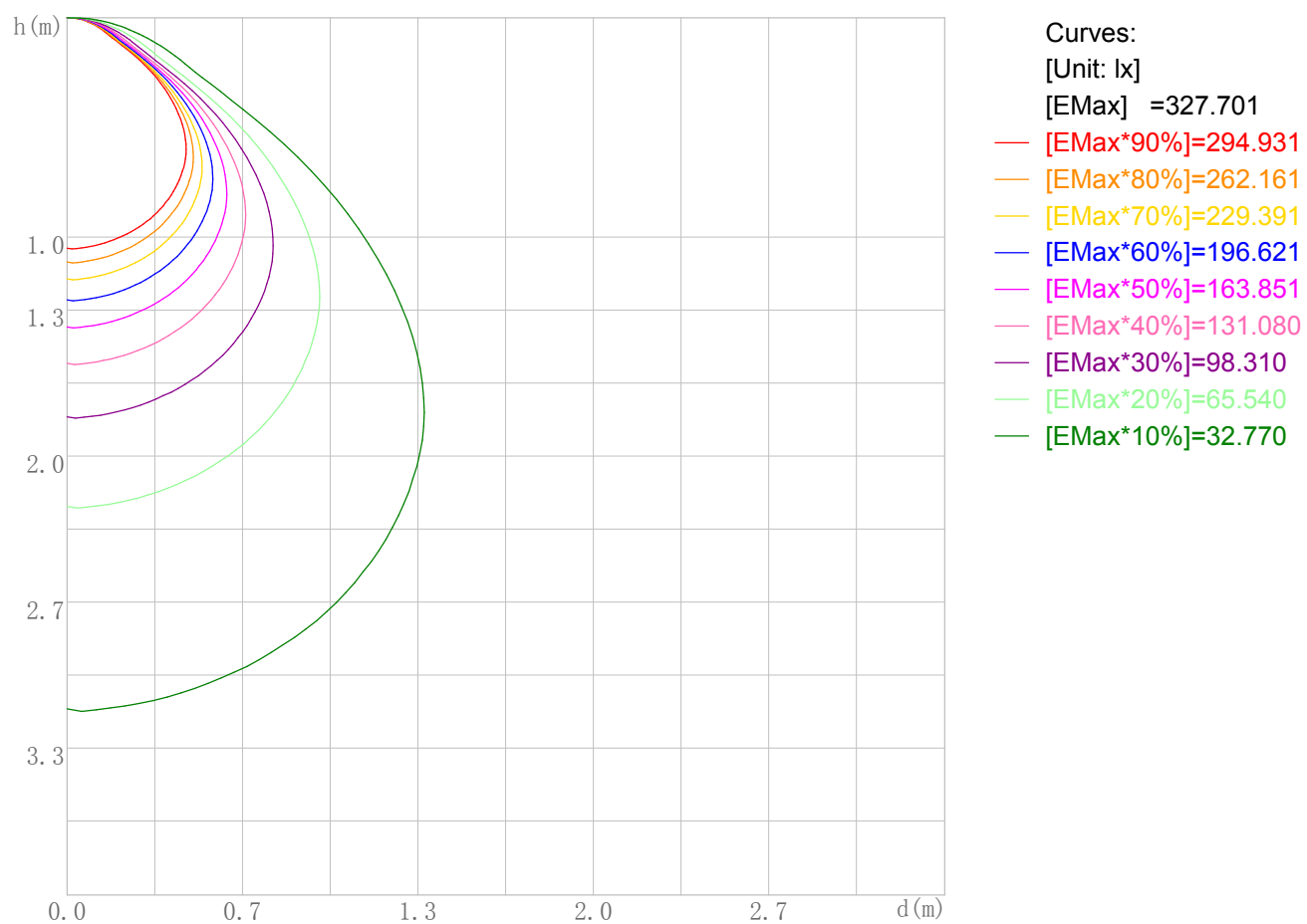


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: HV5528T-3000K	Lum. Catalog:	Test ID: zhang jin cheng
Lamp Name:	Lamp Catalog: LED	Test Lab: QC Department
Manufacture: Havit Lighting	Test Machine: GON-2000	Test Date: 2019/06/21

Space ISO Illuminance Curve

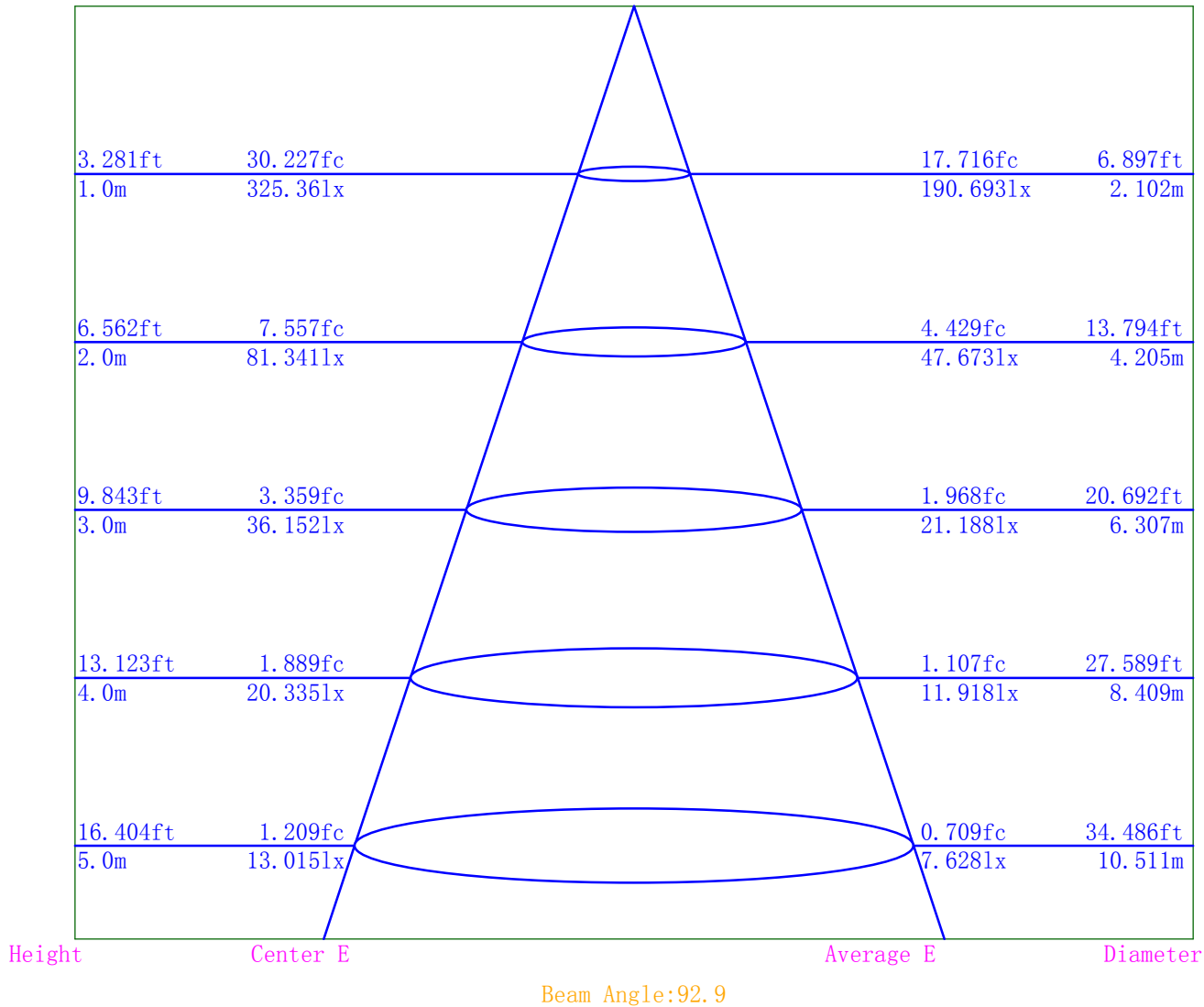


Space Plane Maximum Illuminance and @Angle:327.70lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:327.851cd,0deg

Illuminance-Distance Diagram

Lum. Name: HV5528T-3000K	Lum. Catalog:	Test ID: zhang jin cheng
Lamp Name:	Lamp Catalog: LED	Test Lab: QC Department
Manufacture: Havit Lighting	Test Machine: GON-2000	Test Date: 2019/06/21

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name: HV5528T-3000K	Lum. Catalog:	Test ID: zhang jin cheng
Lamp Name:	Lamp Catalog: LED	Test Lab: QC Department
Manufacture: Havit Lighting	Test Machine: GON-2000	Test Date: 2019/06/21

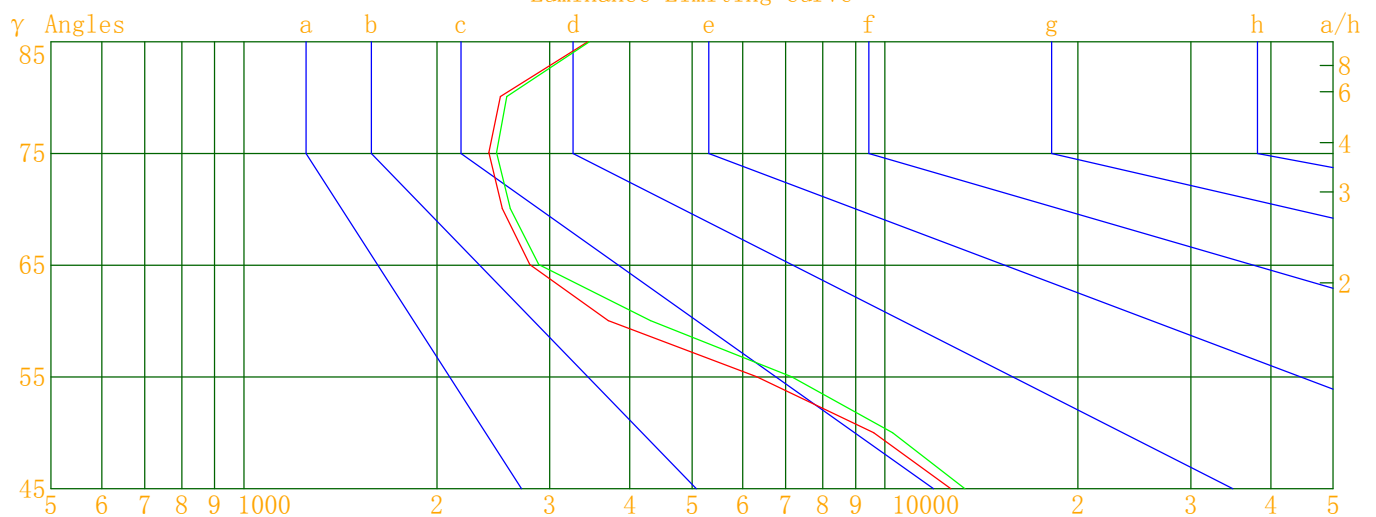
Glare Grade Table

GI	Quality	Using Illuminance							
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	12668	9597	6306	3702	2794	2529	2411	2513	3441
C90	13323	10274	7146	4309	2883	2604	2479	2571	3458

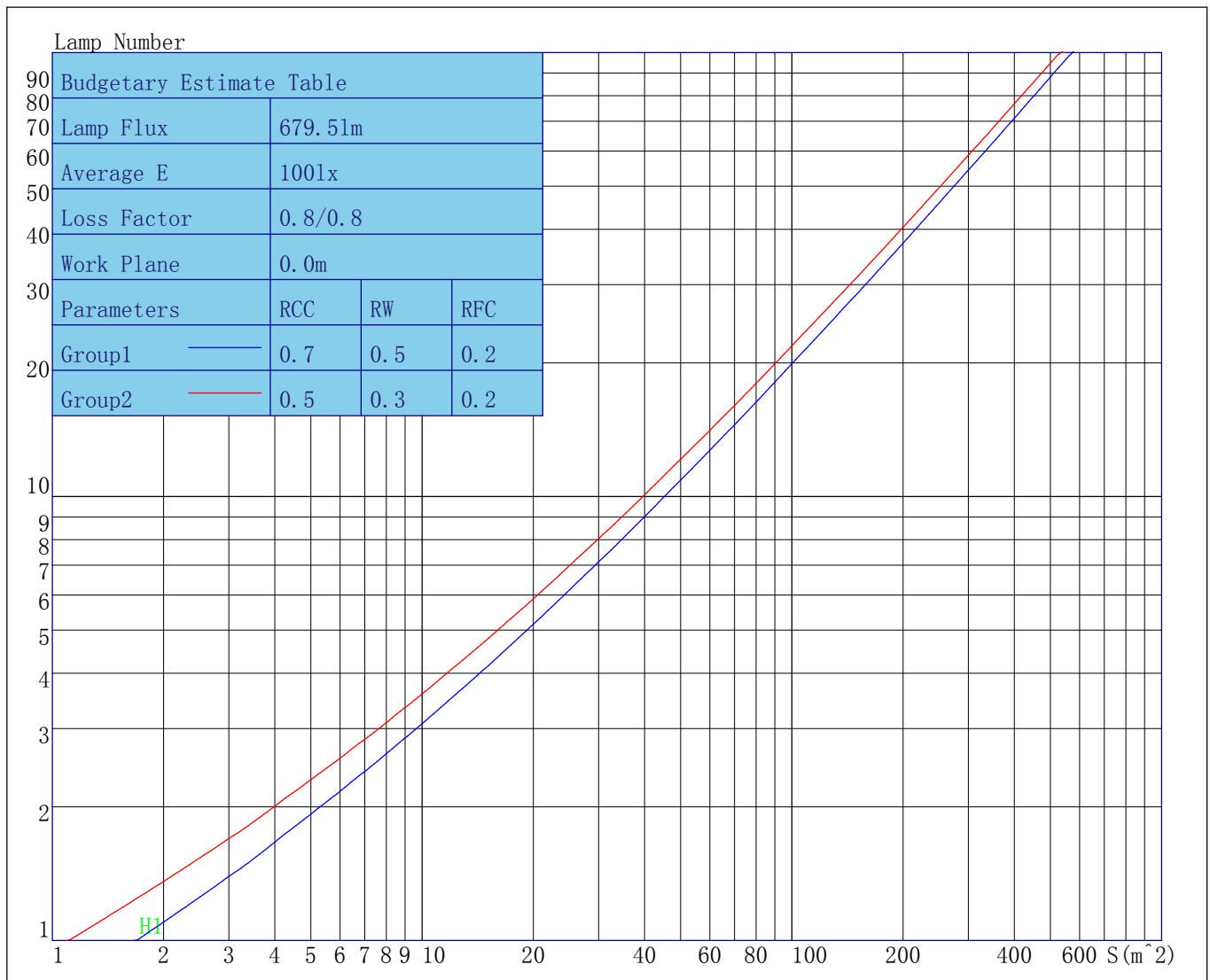
Luminance Limiting Curve



Luminous Size: Length(m)=0.100 Width(m)=0.100 Height(m)=0.060 Area(m²)=0.016000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name: HV5528T-3000K	Lum. Catalog:	Test ID: zhang jin cheng
Lamp Name:	Lamp Catalog: LED	Test Lab: QC Department
Manufacture: Havit Lighting	Test Machine: GON-2000	Test Date: 2019/06/21



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: HV5528T-3000K	Lum. Catalog:	Test ID: zhang jin cheng
Lamp Name:	Lamp Catalog: LED	Test Lab: QC Department
Manufacture: Havit Lighting	Test Machine: GON-2000	Test Date: 2019/06/21

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	95	95	95	95	92	92	92	92	87	87	87	83	83	83	79	79	79	77
1	88	85	82	80	86	83	81	78	79	77	75	76	74	73	72	71	70	68
2	82	76	72	68	80	75	70	67	71	68	65	68	66	63	66	63	61	60
3	76	69	63	59	74	67	62	58	64	60	57	62	58	55	60	57	54	52
4	70	62	56	51	68	61	55	51	58	53	50	56	52	49	54	51	48	46
5	65	56	50	45	63	55	49	45	53	48	44	51	47	43	50	46	43	41
6	60	51	45	40	59	50	44	40	48	43	39	47	42	39	45	41	38	37
7	56	47	40	36	55	46	40	36	44	39	35	43	38	35	42	38	34	33
8	53	43	37	32	51	42	36	32	41	36	32	40	35	31	39	34	31	30
9	49	39	33	29	48	39	33	29	38	33	29	37	32	29	36	32	28	27
10	46	37	31	27	45	36	30	27	35	30	26	34	30	26	33	29	26	25

Unified Glare Rating Table

Lum. Name: HV5528T-3000K	Lum. Catalog:	Test ID: zhang jin cheng
Lamp Name:	Lamp Catalog: LED	Test Lab: QC Department
Manufacture: Havit Lighting	Test Machine: GON-2000	Test Date: 2019/06/21

Unified Glare Rating Table

Ceiling RCC	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
Wall RW	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
Floor RFC	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room Size	Vewed crosswise					Vewed endwise				
X=2H Y=2H	19.2	20.3	19.7	20.7	21.1	19.7	20.7	20.1	21.1	21.6
	19.4	20.3	19.9	20.7	21.2	19.9	20.7	20.3	21.2	21.6
	19.5	20.3	20.0	20.7	21.2	20.0	20.7	20.4	21.2	21.6
	19.6	20.3	20.1	20.7	21.2	20.0	20.7	20.5	21.2	21.7
	19.7	20.3	20.2	20.7	21.2	20.1	20.7	20.6	21.2	21.7
	19.7	20.3	20.2	20.7	21.3	20.1	20.7	20.6	21.2	21.7
X=4H Y=2H	19.4	20.2	19.9	20.6	21.1	19.9	20.7	20.4	21.1	21.6
	19.7	20.2	20.2	20.7	21.2	20.2	20.7	20.7	21.2	21.7
	19.9	20.3	20.4	20.8	21.3	20.4	20.8	20.9	21.3	21.8
	20.1	20.4	20.7	20.9	21.5	20.6	20.8	21.1	21.3	21.9
	20.2	20.4	20.8	20.9	21.5	20.6	20.8	21.2	21.4	21.9
	20.3	20.4	20.9	21.0	21.6	20.7	20.8	21.3	21.4	22.0
X=8H Y=4H	20.0	20.2	20.5	20.7	21.3	20.4	20.6	21.0	21.1	21.7
	20.3	20.3	20.9	20.9	21.4	20.7	20.7	21.3	21.3	21.9
	20.5	20.4	21.1	21.0	21.6	20.9	20.8	21.5	21.4	22.0
	20.7	20.6	21.3	21.2	21.9	21.1	21.0	21.7	21.6	22.2
X=12H Y=4H	20.0	20.1	20.5	20.6	21.2	20.4	20.5	21.0	21.1	21.7
	20.3	20.3	20.9	20.8	21.5	20.7	20.7	21.4	21.3	21.9
	20.5	20.4	21.2	21.0	21.7	21.0	20.9	21.6	21.4	22.1
Variations with the objverver position at spacings										
S=1.0H	0.3/−0.3					0.3/−0.4				
S=1.5H	0.6/−0.6					0.6/−0.6				
S=2.0H	0.9/−0.8					1.0/−0.9				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.1					1.0				

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

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	325.36	325.36	325.36	325.36
γ 1.0	327.85	319.40	328.68	319.99
γ 2.0	326.92	319.10	329.00	320.28
γ 3.0	325.90	318.51	329.16	320.15
γ 4.0	325.11	317.97	328.76	320.07
γ 5.0	323.99	316.77	328.81	319.72
γ 6.0	322.79	315.78	328.75	319.27
γ 7.0	321.52	314.39	328.17	318.60
γ 8.0	319.72	313.30	327.45	317.99
γ 9.0	318.03	311.77	326.73	316.84
γ 10.0	316.15	310.35	325.90	316.17
γ 11.0	314.02	308.50	325.35	314.88
γ 12.0	311.88	306.78	324.00	313.66
γ 13.0	310.02	304.77	322.60	312.14
γ 14.0	307.32	302.62	321.11	310.62
γ 15.0	304.65	300.33	319.72	309.02
γ 16.0	301.68	297.99	318.11	307.09
γ 17.0	299.28	295.48	316.13	304.80
γ 18.0	296.00	292.76	314.27	303.05
γ 19.0	293.17	289.78	312.37	300.32
γ 20.0	289.47	286.92	310.07	298.27
γ 21.0	286.14	283.66	307.63	295.48
γ 22.0	282.25	280.48	305.08	292.76
γ 23.0	278.59	277.06	302.60	289.99
γ 24.0	274.23	273.53	299.68	287.04
γ 25.0	270.53	269.53	296.93	283.68
γ 26.0	266.20	265.72	293.72	280.58
γ 27.0	261.87	261.56	290.45	276.87
γ 28.0	257.05	257.52	287.06	273.42
γ 29.0	252.58	253.08	283.79	269.62
γ 30.0	247.49	248.45	279.94	265.76
γ 31.0	242.84	243.68	276.44	261.90
γ 32.0	237.43	239.02	272.21	257.60
γ 33.0	232.44	233.99	268.11	253.11
γ 34.0	226.78	228.88	263.97	248.90
γ 35.0	221.23	223.43	259.44	244.38
γ 36.0	214.99	217.99	254.96	239.71
γ 37.0	208.39	212.12	250.25	234.73
γ 38.0	201.17	205.82	245.47	229.91
γ 39.0	193.97	198.93	240.41	224.75
γ 40.0	186.07	191.88	235.40	219.54
γ 41.0	178.13	184.12	230.04	213.82
γ 42.0	169.69	176.38	224.66	207.89
γ 43.0	161.18	168.10	218.90	201.39
γ 44.0	152.19	159.62	212.96	194.56
γ 45.0	143.33	150.73	206.22	187.43
γ 46.0	134.17	141.73	199.20	180.16

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	125.25	132.59	191.61	172.44
γ 48.0	116.28	123.48	183.64	164.40
γ 49.0	107.49	114.42	175.47	155.98
γ 50.0	98.70	105.67	166.88	147.57
γ 51.0	90.28	97.20	157.89	138.75
γ 52.0	81.94	88.89	148.77	129.98
γ 53.0	73.43	80.91	139.49	121.16
γ 54.0	65.54	73.11	130.21	112.40
γ 55.0	57.87	65.58	120.85	103.72
γ 56.0	50.60	58.45	111.76	95.29
γ 57.0	44.13	51.63	102.98	86.94
γ 58.0	38.34	45.29	94.49	78.83
γ 59.0	33.61	39.48	86.20	70.84
γ 60.0	29.61	34.47	78.20	63.04
γ 61.0	26.33	30.21	70.35	55.47
γ 62.0	23.63	26.71	62.85	48.48
γ 63.0	21.52	23.77	55.82	42.11
γ 64.0	20.06	21.34	49.19	36.58
γ 65.0	18.89	19.49	43.04	31.94
γ 66.0	17.76	18.20	37.51	28.17
γ 67.0	16.72	17.15	32.75	25.04
γ 68.0	15.70	16.13	28.73	22.51
γ 69.0	14.77	15.19	25.36	20.56
γ 70.0	13.84	14.25	22.53	19.15
γ 71.0	13.00	13.38	20.19	18.02
γ 72.0	12.17	12.54	18.63	16.96
γ 73.0	11.41	11.74	17.51	15.94
γ 74.0	10.67	10.99	16.48	14.98
γ 75.0	9.98	10.27	15.48	14.05
γ 76.0	9.31	9.58	14.53	13.20
γ 77.0	8.69	8.92	13.62	12.39
γ 78.0	8.07	8.31	12.79	11.63
γ 79.0	7.52	7.70	11.97	10.88
γ 80.0	6.98	7.14	11.20	10.19
γ 81.0	6.50	6.63	10.46	9.53
γ 82.0	6.00	6.12	9.79	8.91
γ 83.0	5.58	5.66	9.14	8.33
γ 84.0	5.16	5.23	8.53	7.78
γ 85.0	4.80	4.82	7.94	7.25
γ 86.0	4.57	4.44	7.38	6.77
γ 87.0	4.49	4.08	6.87	6.32
γ 88.0	4.39	3.85	6.39	5.89
γ 89.0	4.32	3.79	5.92	5.48
γ 90.0	4.24	3.73	5.49	5.09
γ 91.0	4.18	3.68	5.11	4.68
γ 92.0	4.11	3.63	4.73	4.50
γ 93.0	4.06	3.59	4.39	4.43

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	4.00	3.56	4.11	4.37
γ 95.0	3.95	3.51	4.04	4.30
γ 96.0	3.90	3.49	3.98	4.24
γ 97.0	3.87	3.45	3.95	4.18
γ 98.0	3.83	3.43	3.90	4.12
γ 99.0	3.79	3.40	3.86	4.07
γ 100.0	3.77	3.38	3.83	4.02
γ 101.0	3.75	3.37	3.78	3.98
γ 102.0	3.73	3.36	3.75	3.94
γ 103.0	3.71	3.34	3.71	3.90
γ 104.0	3.68	3.33	3.68	3.88
γ 105.0	3.68	3.33	3.65	3.84
γ 106.0	3.67	3.33	3.63	3.80
γ 107.0	3.66	3.33	3.61	3.79
γ 108.0	3.66	3.33	3.59	3.76
γ 109.0	3.65	3.34	3.57	3.75
γ 110.0	3.67	3.34	3.56	3.73
γ 111.0	3.66	3.35	3.56	3.71
γ 112.0	3.67	3.36	3.55	3.70
γ 113.0	3.67	3.38	3.55	3.71
γ 114.0	3.68	3.39	3.55	3.69
γ 115.0	3.70	3.40	3.54	3.69
γ 116.0	3.70	3.42	3.55	3.71
γ 117.0	3.72	3.45	3.56	3.70
γ 118.0	3.74	3.47	3.57	3.71
γ 119.0	3.75	3.49	3.57	3.71
γ 120.0	3.77	3.51	3.59	3.73
γ 121.0	3.79	3.54	3.60	3.74
γ 122.0	3.81	3.57	3.62	3.74
γ 123.0	3.83	3.60	3.63	3.76
γ 124.0	3.85	3.63	3.65	3.78
γ 125.0	3.87	3.65	3.67	3.79
γ 126.0	3.90	3.69	3.69	3.81
γ 127.0	3.92	3.72	3.71	3.83
γ 128.0	3.95	3.75	3.74	3.86
γ 129.0	3.97	3.78	3.76	3.87
γ 130.0	3.99	3.81	3.79	3.90
γ 131.0	4.02	3.85	3.81	3.92
γ 132.0	4.04	3.89	3.84	3.94
γ 133.0	4.07	3.92	3.87	3.96
γ 134.0	4.10	3.95	3.89	3.99
γ 135.0	4.12	3.99	3.92	4.02
γ 136.0	4.16	4.03	3.96	4.06
γ 137.0	4.18	4.05	3.98	4.08
γ 138.0	4.21	4.09	4.01	4.12
γ 139.0	4.25	4.12	4.04	4.14
γ 140.0	4.28	4.16	4.07	4.17

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	4.30	4.19	4.10	4.20
γ 142.0	4.34	4.24	4.13	4.23
γ 143.0	4.37	4.28	4.16	4.27
γ 144.0	4.40	4.31	4.19	4.30
γ 145.0	4.45	4.36	4.22	4.33
γ 146.0	4.48	4.39	4.26	4.36
γ 147.0	4.52	4.43	4.30	4.40
γ 148.0	4.55	4.47	4.34	4.43
γ 149.0	4.59	4.52	4.38	4.46
γ 150.0	4.64	4.57	4.41	4.50
γ 151.0	4.68	4.60	4.44	4.54
γ 152.0	4.71	4.64	4.49	4.57
γ 153.0	4.75	4.68	4.53	4.61
γ 154.0	4.80	4.72	4.56	4.65
γ 155.0	4.83	4.76	4.61	4.69
γ 156.0	4.86	4.80	4.65	4.72
γ 157.0	4.90	4.84	4.70	4.76
γ 158.0	4.94	4.88	4.74	4.80
γ 159.0	4.97	4.92	4.79	4.85
γ 160.0	5.00	4.96	4.84	4.87
γ 161.0	5.03	4.99	4.86	4.92
γ 162.0	5.06	5.03	4.92	4.95
γ 163.0	5.10	5.06	4.95	4.99
γ 164.0	5.13	5.09	5.00	5.02
γ 165.0	5.17	5.13	5.04	5.06
γ 166.0	5.23	5.16	5.07	5.09
γ 167.0	5.30	5.18	5.15	5.12
γ 168.0	5.32	5.21	5.22	5.15
γ 169.0	5.31	5.23	5.22	5.18
γ 170.0	5.29	5.26	5.25	5.20
γ 171.0	5.29	5.28	5.28	5.22
γ 172.0	5.31	5.30	5.27	5.25
γ 173.0	5.32	5.32	5.30	5.27
γ 174.0	5.33	5.34	5.33	5.28
γ 175.0	5.34	5.36	5.34	5.31
γ 176.0	5.35	5.36	5.36	5.33
γ 177.0	5.36	5.38	5.39	5.35
γ 178.0	5.35	5.37	5.41	5.35
γ 179.0	5.34	5.38	5.43	5.35
γ 180.0	5.39	5.39	5.39	5.39