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Indoor Luminaire Photometric Data

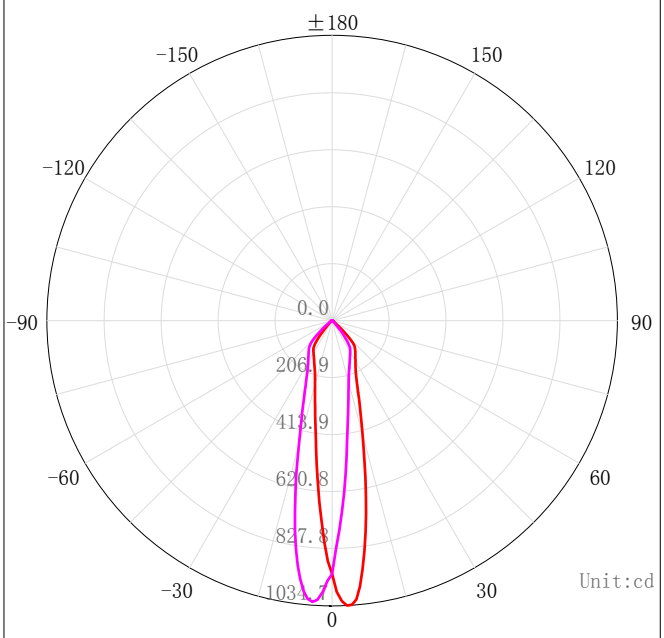
Description Information

Luminary Name: HCP-806024-5000K RA90 15D		Lum. Catelog:	Test ID: 01
Lamp Name:		Lamp Catelog: LED	Test Date: 2020/09/15
Manufacture: Havit Commercial		Shld.Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department		Frequency(Hz):	Lamp CCT(K): Ra:
Lum.Size(W*L*H):0.050m*0.000m*0.062m		Lum.Area(m2):0.016	Lum.W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp.(℃): 25	Humidity(%): 50.0

Character Parameter

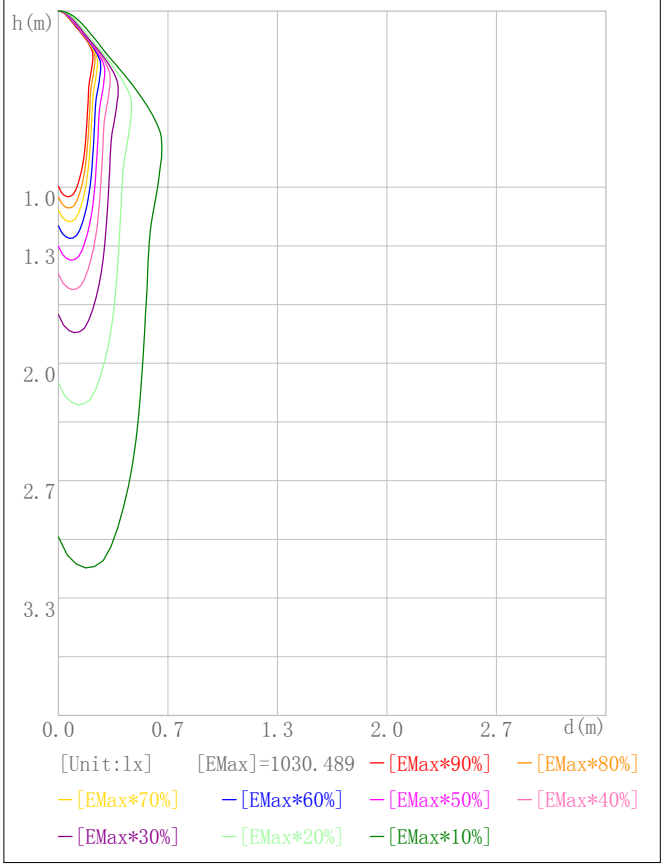
Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 382.820	Luminary Flux(lm): 382.822	Field Angle(10%Imax): 79.8(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 381.979lm 99.78%
Rated Voltage(V):	Luminary EER(lm/W): 74.916	Up Lumens&Percent: 0.843lm 0.22%
Tested Power(W): 5.110	Max.Candela(cd): 1034.737	S/MH: C0_a180=0.363 C90_270=0.369
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=3.0	CIE Type: Semi-Direct
Tested Electrics(V,A,pf):240.2,0.025,0.824	Beam Angle(50%Imax): 19.3(°)	ErP Φuse(90°): 322.019lm
Lamp Size(W*L*H):0.050m*0.000m*0.062m	Left=-6.2°,Right=13.1°	IRF(%): 519.664

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
C0.0_180.0 :	19.3	79.8
C90.0_270.0 :	19.9	79.4

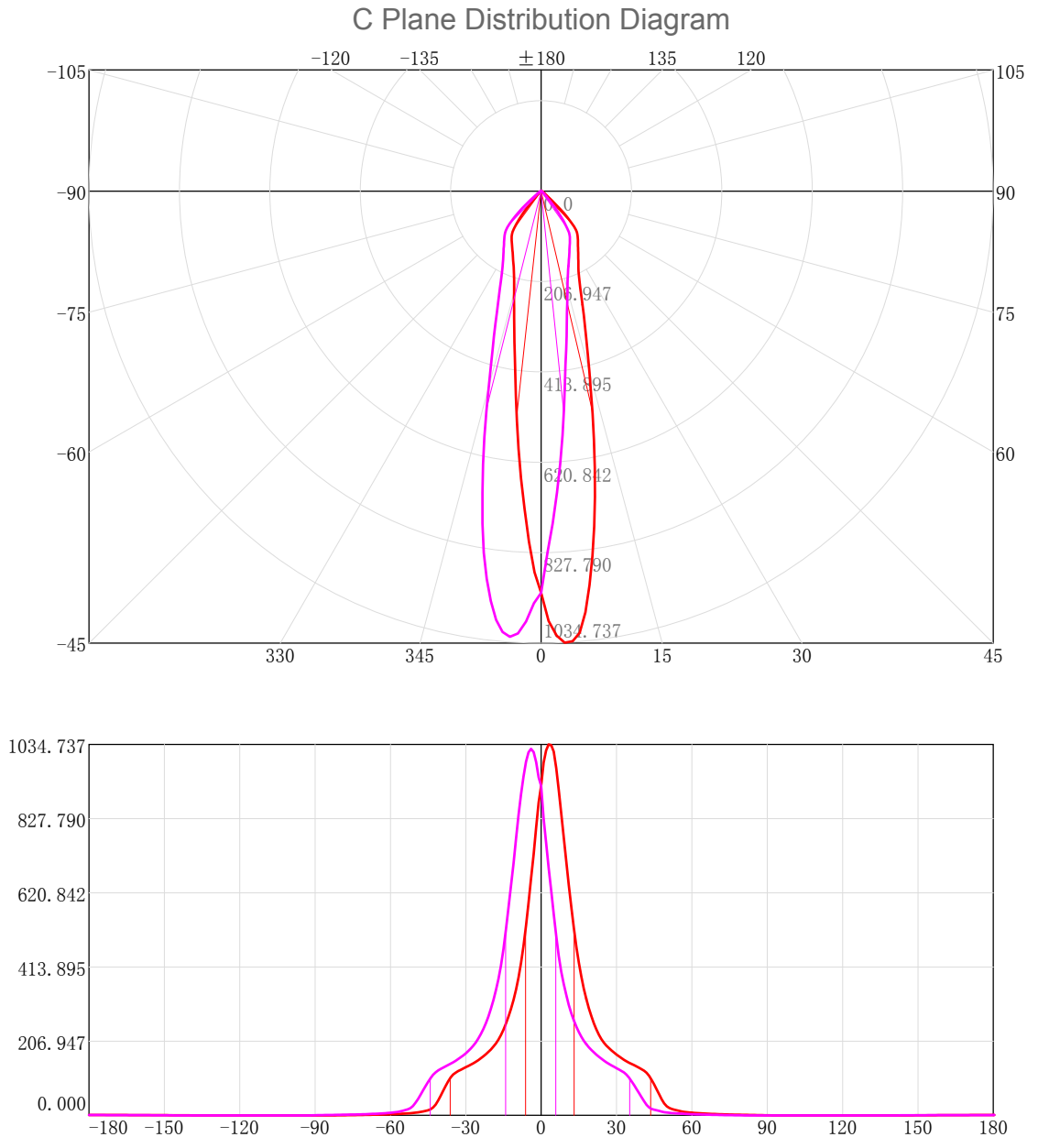
C0 Space ISO Illuminance Curve



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2D Plane Light Intensity Distribution Curve

Lum.Name: HCP-806024-5000K RA90 15D	Lum.Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2020/09/15



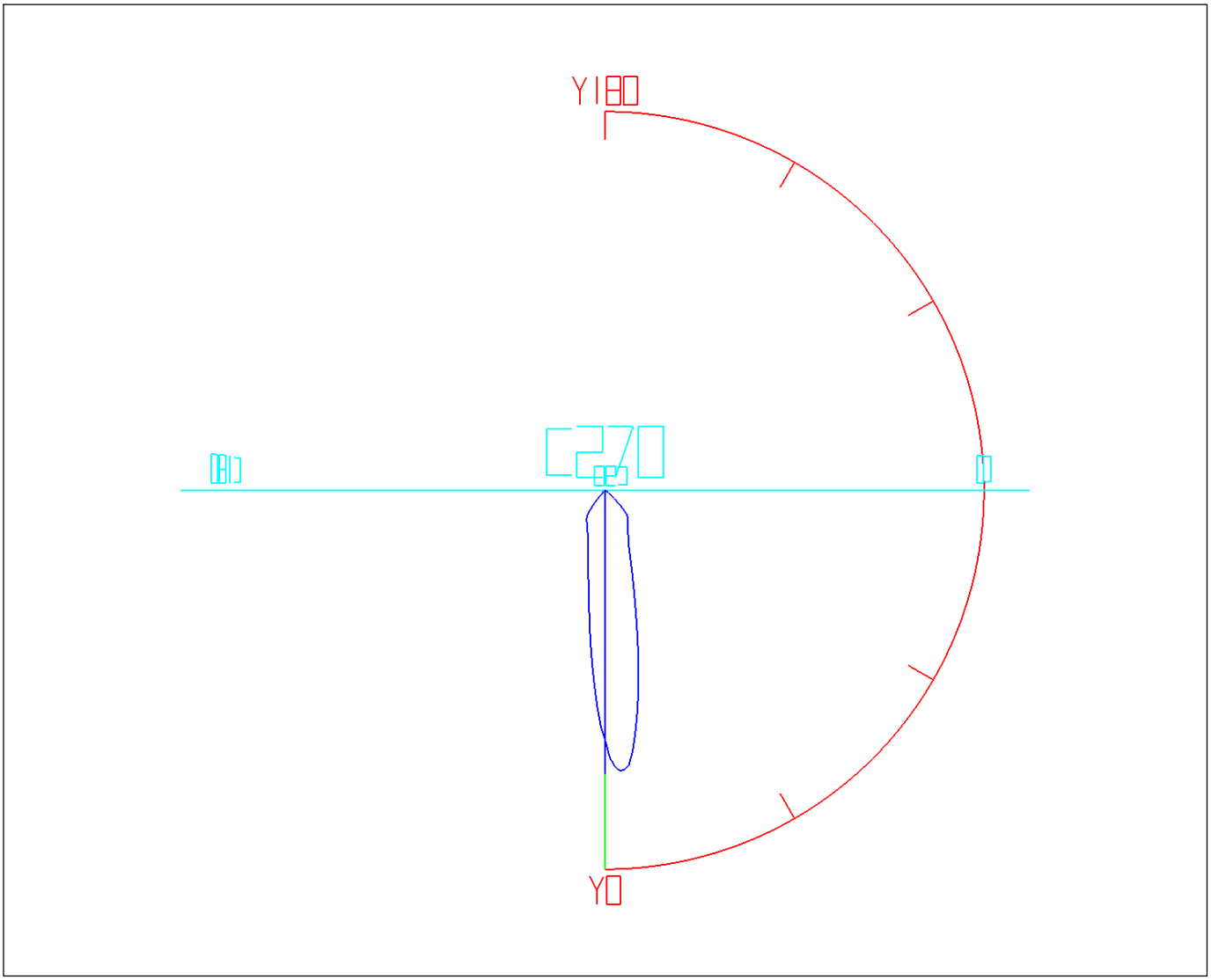
C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
C0.0_180.0 :	19.3	79.8	
C90.0_270.0 :	19.9	79.4	

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3D Light Intensity Distribution Modal

Lum.Name: HCP-806024-5000K RA90 15D	Lum.Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2020/09/15

3D Light Intensity Distribution Modal



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

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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	0.87	0.87	0.23	0.23	47.0-48.0	2.78	363.04	0.73	94.83
1.0-2.0	2.58	3.46	0.67	0.90	48.0-49.0	2.26	365.30	0.59	95.42
2.0-3.0	4.21	7.66	1.10	2.00	49.0-50.0	1.80	367.10	0.47	95.89
3.0-4.0	5.70	13.36	1.49	3.49	50.0-51.0	1.45	368.56	0.38	96.27
4.0-5.0	7.01	20.37	1.83	5.32	51.0-52.0	1.21	369.77	0.32	96.59
5.0-6.0	8.10	28.47	2.12	7.44	52.0-53.0	1.05	370.82	0.28	96.87
6.0-7.0	8.93	37.41	2.33	9.77	53.0-54.0	0.95	371.77	0.25	97.11
7.0-8.0	9.55	46.96	2.49	12.27	54.0-55.0	0.85	372.62	0.22	97.34
8.0-9.0	9.99	56.95	2.61	14.88	55.0-56.0	0.77	373.39	0.20	97.54
9.0-10.0	10.26	67.21	2.68	17.56	56.0-57.0	0.69	374.07	0.18	97.72
10.0-11.0	10.36	77.57	2.71	20.26	57.0-58.0	0.63	374.70	0.16	97.88
11.0-12.0	10.33	87.90	2.70	22.96	58.0-59.0	0.58	375.28	0.15	98.03
12.0-13.0	10.21	98.12	2.67	25.63	59.0-60.0	0.54	375.82	0.14	98.17
13.0-14.0	10.03	108.14	2.62	28.25	60.0-61.0	0.50	376.32	0.13	98.30
14.0-15.0	9.80	117.94	2.56	30.81	61.0-62.0	0.47	376.78	0.12	98.42
15.0-16.0	9.56	127.50	2.50	33.31	62.0-63.0	0.43	377.22	0.11	98.54
16.0-17.0	9.35	136.86	2.44	35.75	63.0-64.0	0.41	377.62	0.11	98.64
17.0-18.0	9.18	146.04	2.40	38.15	64.0-65.0	0.38	378.00	0.10	98.74
18.0-19.0	9.04	155.08	2.36	40.51	65.0-66.0	0.35	378.35	0.09	98.83
19.0-20.0	8.89	163.97	2.32	42.83	66.0-67.0	0.33	378.68	0.09	98.92
20.0-21.0	8.76	172.73	2.29	45.12	67.0-68.0	0.31	378.99	0.08	99.00
21.0-22.0	8.65	181.37	2.26	47.38	68.0-69.0	0.29	379.28	0.07	99.07
22.0-23.0	8.56	189.93	2.24	49.61	69.0-70.0	0.27	379.54	0.07	99.14
23.0-24.0	8.48	198.41	2.22	51.83	70.0-71.0	0.25	379.79	0.07	99.21
24.0-25.0	8.43	206.84	2.20	54.03	71.0-72.0	0.23	380.03	0.06	99.27
25.0-26.0	8.39	215.23	2.19	56.22	72.0-73.0	0.22	380.24	0.06	99.33
26.0-27.0	8.36	223.59	2.18	58.41	73.0-74.0	0.20	380.44	0.05	99.38
27.0-28.0	8.35	231.94	2.18	60.59	74.0-75.0	0.19	380.63	0.05	99.43
28.0-29.0	8.35	240.29	2.18	62.77	75.0-76.0	0.17	380.80	0.04	99.47
29.0-30.0	8.35	248.64	2.18	64.95	76.0-77.0	0.16	380.96	0.04	99.51
30.0-31.0	8.35	256.99	2.18	67.13	77.0-78.0	0.14	381.10	0.04	99.55
31.0-32.0	8.34	265.33	2.18	69.31	78.0-79.0	0.13	381.23	0.03	99.58
32.0-33.0	8.32	273.65	2.17	71.48	79.0-80.0	0.12	381.35	0.03	99.62
33.0-34.0	8.27	281.92	2.16	73.64	80.0-81.0	0.11	381.45	0.03	99.64
34.0-35.0	8.16	290.08	2.13	75.77	81.0-82.0	0.09	381.54	0.02	99.67
35.0-36.0	7.98	298.06	2.08	77.86	82.0-83.0	0.08	381.62	0.02	99.69
36.0-37.0	7.74	305.80	2.02	79.88	83.0-84.0	0.07	381.69	0.02	99.71
37.0-38.0	7.42	313.22	1.94	81.82	84.0-85.0	0.06	381.76	0.02	99.72
38.0-39.0	7.05	320.26	1.84	83.66	85.0-86.0	0.06	381.82	0.02	99.74
39.0-40.0	6.63	326.90	1.73	85.39	86.0-87.0	0.05	381.87	0.01	99.75
40.0-41.0	6.19	333.09	1.62	87.01	87.0-88.0	0.04	381.91	0.01	99.76
41.0-42.0	5.72	338.81	1.50	88.50	88.0-89.0	0.04	381.95	0.01	99.77
42.0-43.0	5.24	344.05	1.37	89.87	89.0-90.0	0.03	381.98	0.01	99.78
43.0-44.0	4.77	348.82	1.24	91.12	90.0-91.0	0.02	382.00	0.01	99.79
44.0-45.0	4.30	353.11	1.12	92.24	91.0-92.0	0.01	382.01	0.00	99.79
45.0-46.0	3.82	356.94	1.00	93.24	92.0-93.0	0.00	382.01	0.00	99.79
46.0-47.0	3.32	360.25	0.87	94.11	93.0-94.0	0.00	382.01	0.00	99.79

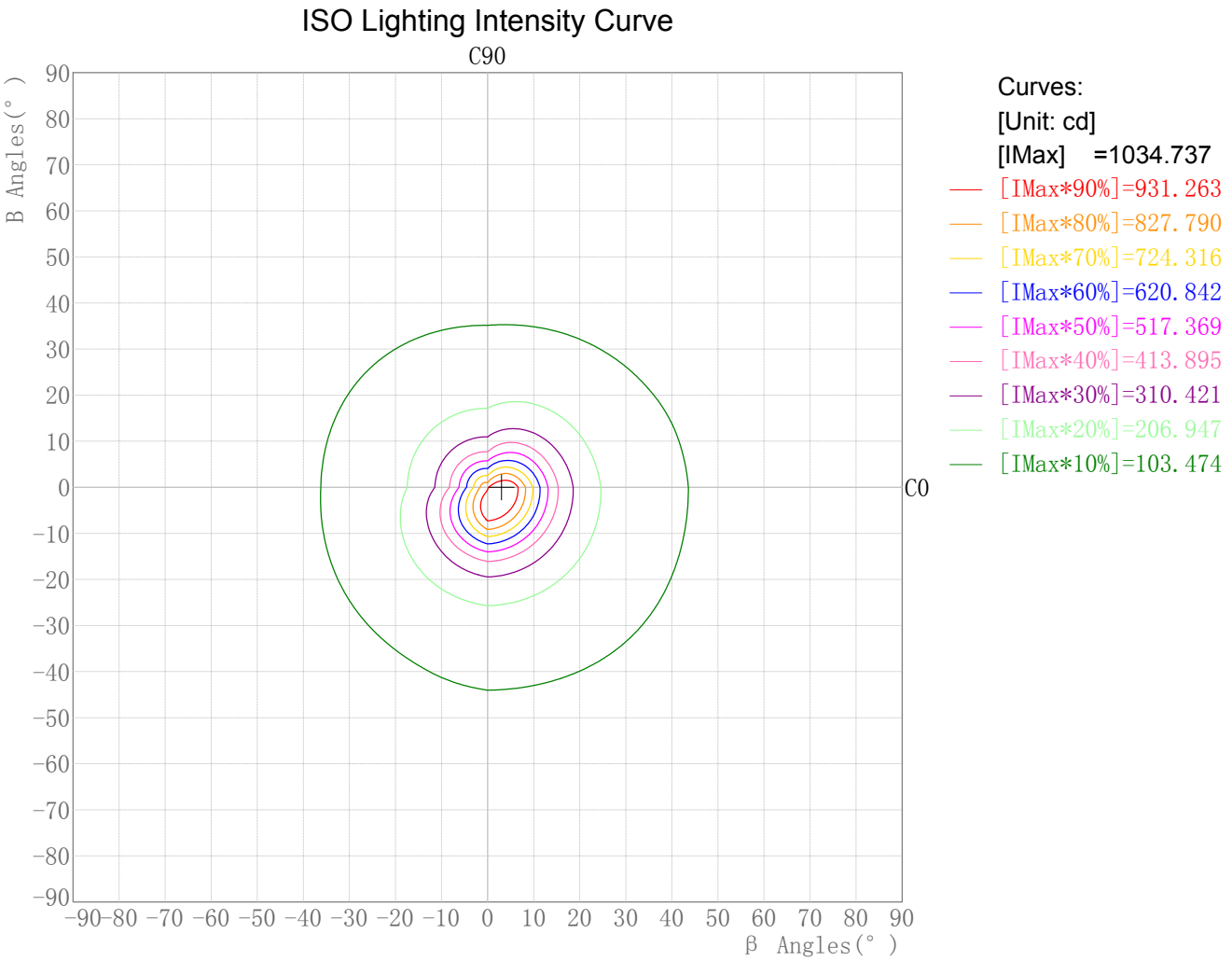
Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.00	382.01	0.00	99.79
95.0-96.0	0.00	382.01	0.00	99.79
96.0-97.0	0.00	382.01	0.00	99.79
97.0-98.0	0.00	382.01	0.00	99.79
98.0-99.0	0.00	382.01	0.00	99.79
99.0-100.0	0.00	382.01	0.00	99.79
100.0-101.0	0.00	382.01	0.00	99.79
101.0-102.0	0.00	382.01	0.00	99.79
102.0-103.0	0.00	382.01	0.00	99.79
103.0-104.0	0.00	382.01	0.00	99.79
104.0-105.0	0.00	382.01	0.00	99.79
105.0-106.0	0.00	382.01	0.00	99.79
106.0-107.0	0.00	382.01	0.00	99.79
107.0-108.0	0.00	382.01	0.00	99.79
108.0-109.0	0.00	382.01	0.00	99.79
109.0-110.0	0.00	382.01	0.00	99.79
110.0-111.0	0.00	382.01	0.00	99.79
111.0-112.0	0.00	382.01	0.00	99.79
112.0-113.0	0.00	382.01	0.00	99.79
113.0-114.0	0.00	382.01	0.00	99.79
114.0-115.0	0.00	382.01	0.00	99.79
115.0-116.0	0.00	382.01	0.00	99.79
116.0-117.0	0.00	382.01	0.00	99.79
117.0-118.0	0.00	382.01	0.00	99.79
118.0-119.0	0.00	382.01	0.00	99.79
119.0-120.0	0.00	382.01	0.00	99.79
120.0-121.0	0.00	382.01	0.00	99.79
121.0-122.0	0.00	382.01	0.00	99.79
122.0-123.0	0.00	382.01	0.00	99.79
123.0-124.0	0.00	382.01	0.00	99.79
124.0-125.0	0.00	382.01	0.00	99.79
125.0-126.0	0.00	382.01	0.00	99.79
126.0-127.0	0.00	382.01	0.00	99.79
127.0-128.0	0.00	382.01	0.00	99.79
128.0-129.0	0.00	382.01	0.00	99.79
129.0-130.0	0.00	382.01	0.00	99.79
130.0-131.0	0.00	382.01	0.00	99.79
131.0-132.0	0.00	382.01	0.00	99.79
132.0-133.0	0.00	382.01	0.00	99.79
133.0-134.0	0.00	382.01	0.00	99.79
134.0-135.0	0.00	382.01	0.00	99.79
135.0-136.0	0.00	382.01	0.00	99.79
136.0-137.0	0.00	382.02	0.00	99.79
137.0-138.0	0.00	382.02	0.00	99.79
138.0-139.0	0.00	382.02	0.00	99.79
139.0-140.0	0.00	382.02	0.00	99.79
140.0-141.0	0.01	382.03	0.00	99.79
141.0-142.0	0.01	382.04	0.00	99.80
142.0-143.0	0.01	382.05	0.00	99.80
143.0-144.0	0.01	382.06	0.00	99.80
144.0-145.0	0.01	382.07	0.00	99.80
145.0-146.0	0.02	382.09	0.00	99.81
146.0-147.0	0.02	382.11	0.00	99.81
147.0-148.0	0.02	382.13	0.01	99.82
148.0-149.0	0.02	382.15	0.01	99.83
149.0-150.0	0.02	382.18	0.01	99.83
150.0-151.0	0.03	382.20	0.01	99.84
151.0-152.0	0.03	382.23	0.01	99.85
152.0-153.0	0.03	382.26	0.01	99.85
153.0-154.0	0.03	382.29	0.01	99.86
154.0-155.0	0.03	382.32	0.01	99.87
155.0-156.0	0.03	382.35	0.01	99.88
156.0-157.0	0.03	382.38	0.01	99.88
157.0-158.0	0.03	382.41	0.01	99.89
158.0-159.0	0.03	382.44	0.01	99.90
159.0-160.0	0.03	382.47	0.01	99.91
160.0-161.0	0.03	382.50	0.01	99.92
161.0-162.0	0.03	382.53	0.01	99.92
162.0-163.0	0.03	382.55	0.01	99.93
163.0-164.0	0.03	382.58	0.01	99.94
164.0-165.0	0.03	382.61	0.01	99.94
165.0-166.0	0.03	382.63	0.01	99.95
166.0-167.0	0.02	382.66	0.01	99.96
167.0-168.0	0.02	382.68	0.01	99.96
168.0-169.0	0.02	382.70	0.01	99.97
169.0-170.0	0.02	382.72	0.01	99.97
170.0-171.0	0.02	382.74	0.00	99.98
171.0-172.0	0.02	382.76	0.00	99.98
172.0-173.0	0.01	382.77	0.00	99.99
173.0-174.0	0.01	382.79	0.00	99.99
174.0-175.0	0.01	382.80	0.00	99.99
175.0-176.0	0.01	382.81	0.00	100.00
176.0-177.0	0.01	382.81	0.00	100.00
177.0-178.0	0.01	382.82	0.00	100.00
178.0-179.0	0.00	382.82	0.00	100.00
179.0-180.0	0.00	382.82	0.00	100.00

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Rectangle ISO Lighting Intensity Diagram

Lum.Name: HCP-806024-5000K RA90 15D	Lum.Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2020/09/15



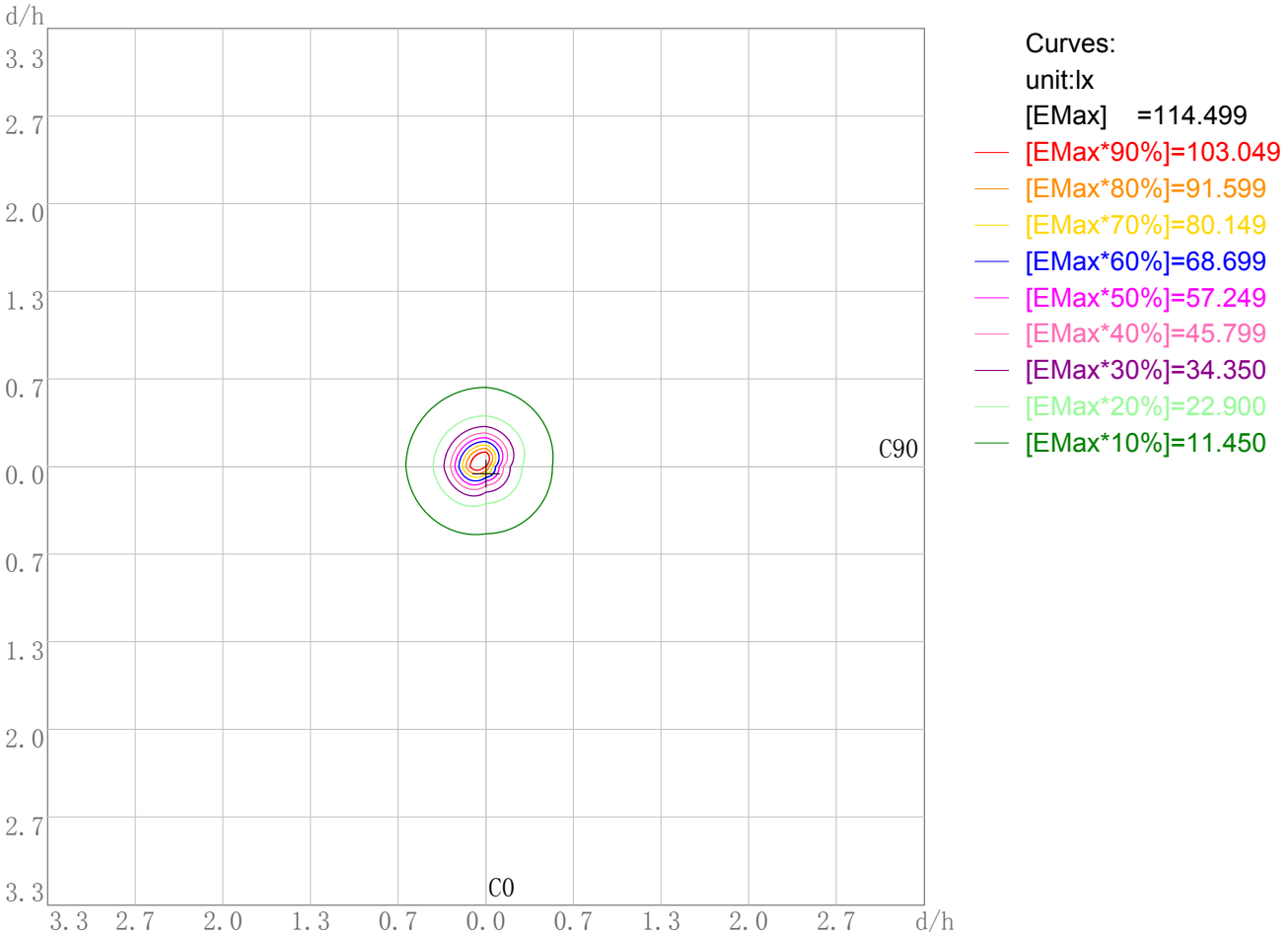
Maximum Light Intensity(cd): 1034.74
Maximum Cand.@Angle: H=3.0°,V=0.0°

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Plane ISO-Illuminance Diagram

Lum.Name: HCP-806024-5000K RA90 15D	Lum.Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2020/09/15

Plane ISO-Illuminance Curve



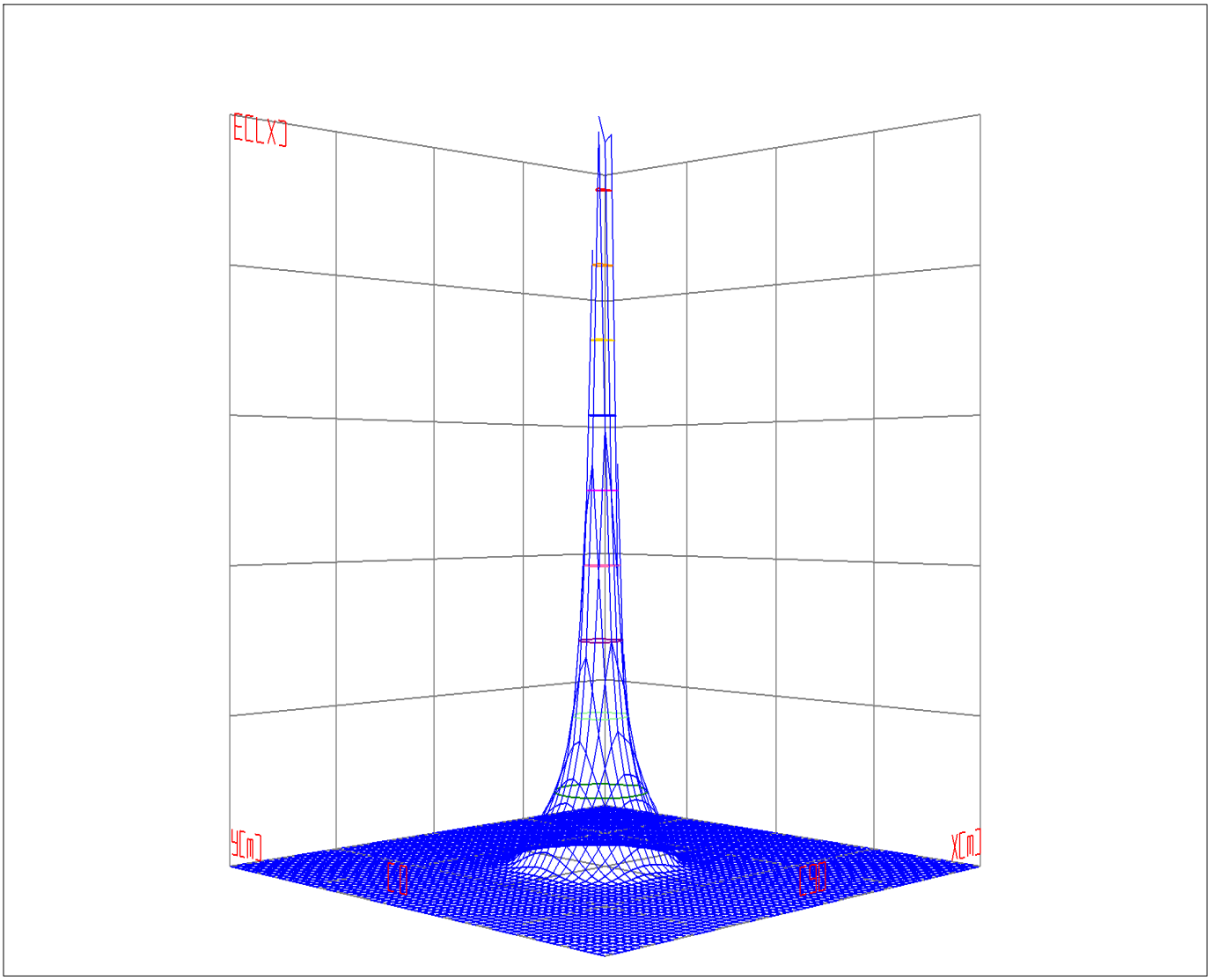
Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 114.50
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.1

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3D Plane ISO Illuminance Diagram

Lum.Name: HCP-806024-5000K RA90 15D	Lum.Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2020/09/15

3D Plane Illuminance Modal



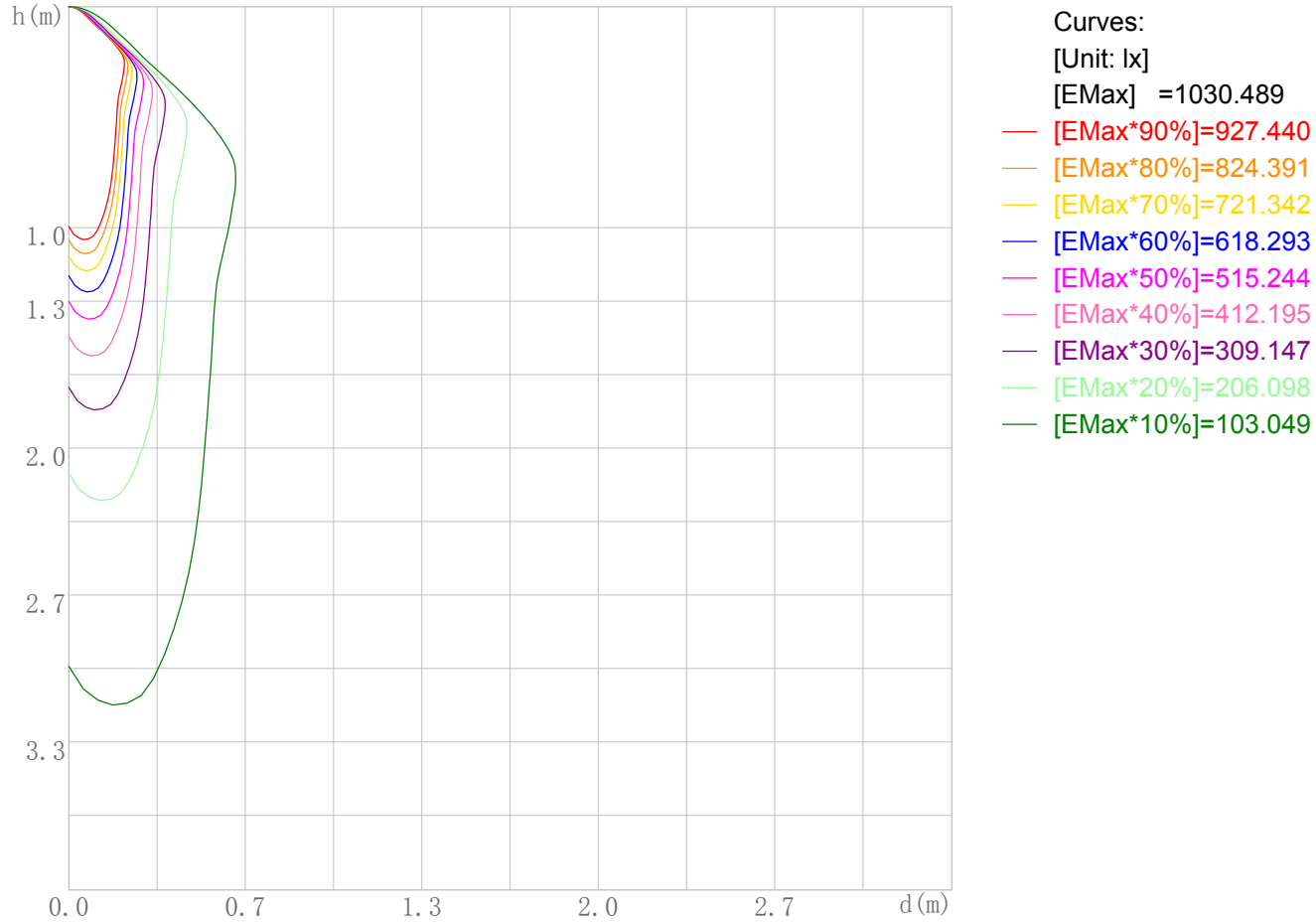
Curves: 3D Model 90% 80% 70% 60% 50% 40% 30% 20% 10%
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

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Space ISO Illuminance Diagram

Lum.Name: HCP-806024-5000K RA90 15D	Lum.Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2020/09/15

Space ISO Illuminance Curve

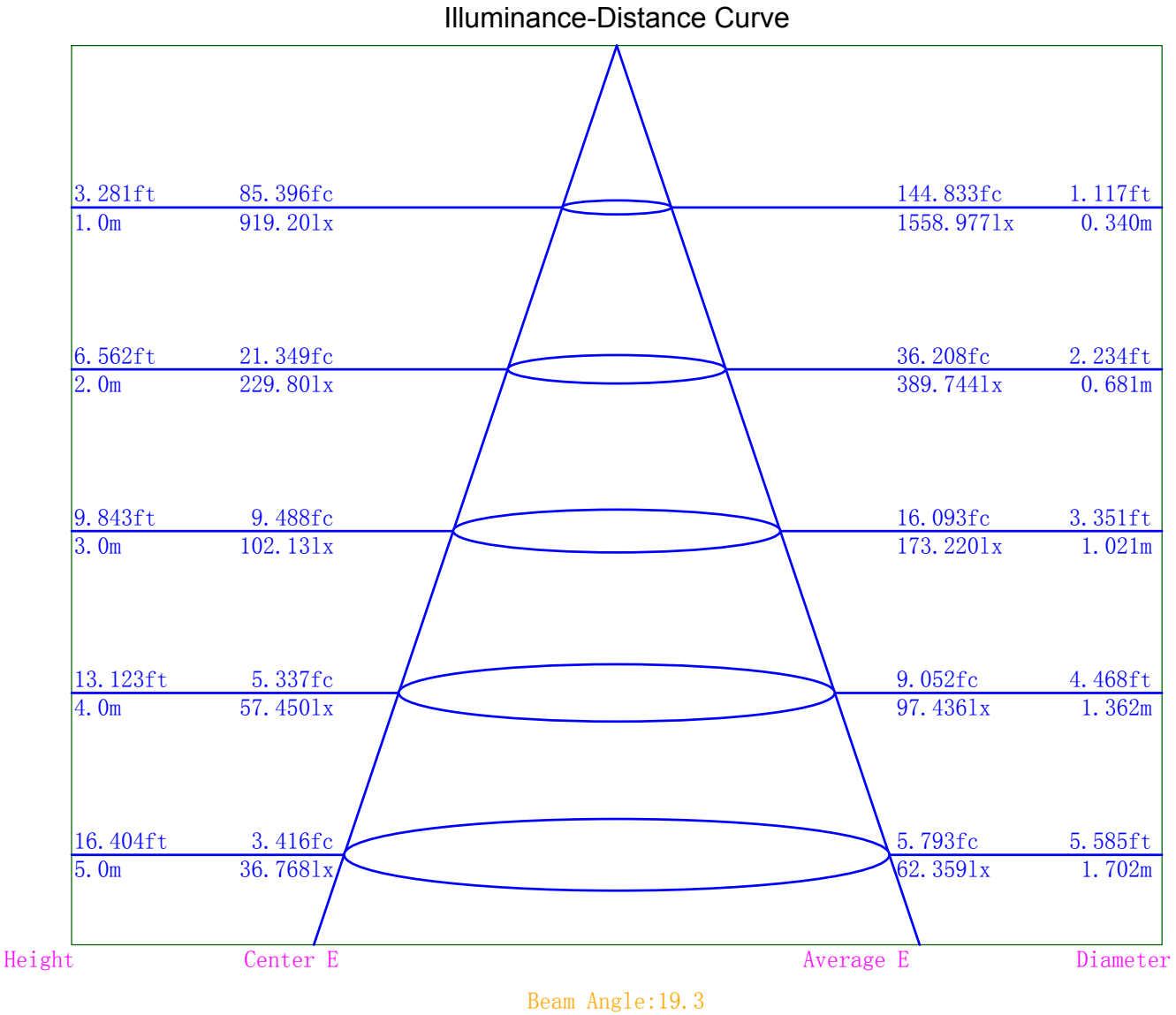


Space Plane Maximum Illuminance and @Angle:1030.49lx,3.0deg
Plane Maximum Lighting Intensity and @Angle:1034.737cd,0eg

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Illuminance-Distance Diagram

Lum.Name: HCP-806024-5000K RA90 15D	Lum.Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2020/09/15



Beam Angle:19.3

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Indoor Luminance Limiting Curves

Lum.Name: HCP-806024-5000K RA90 15D	Lum.Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2020/09/15

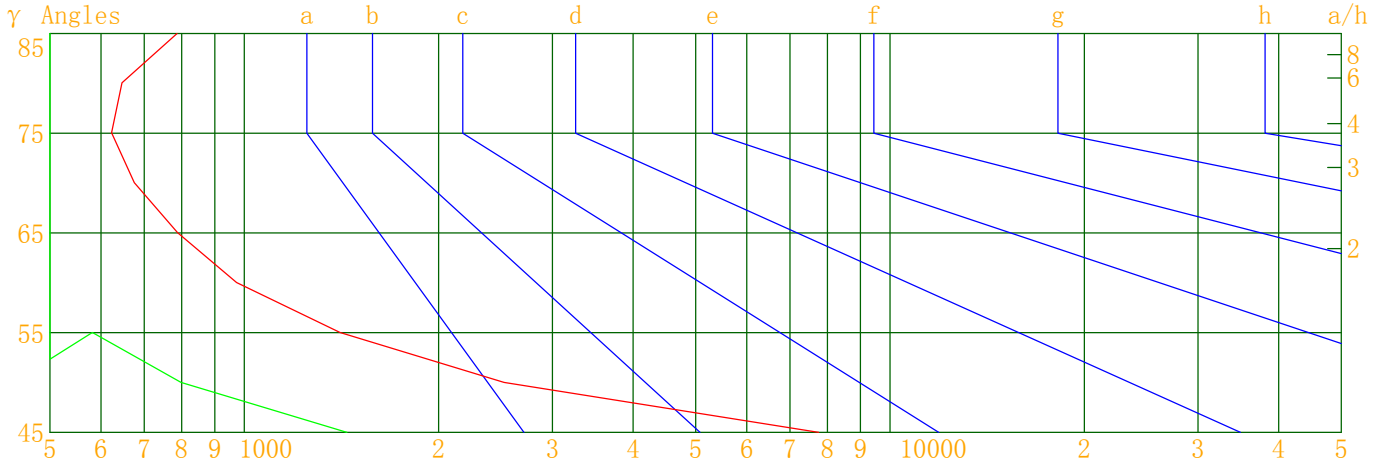
Glare Grade Table

GI	Quality	Using Illuminace							
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	7752	2525	1407	973	788	676	623	646	787
C90	1441	798	582	439	345	268	196	88	0

Luminance Limiting Curve

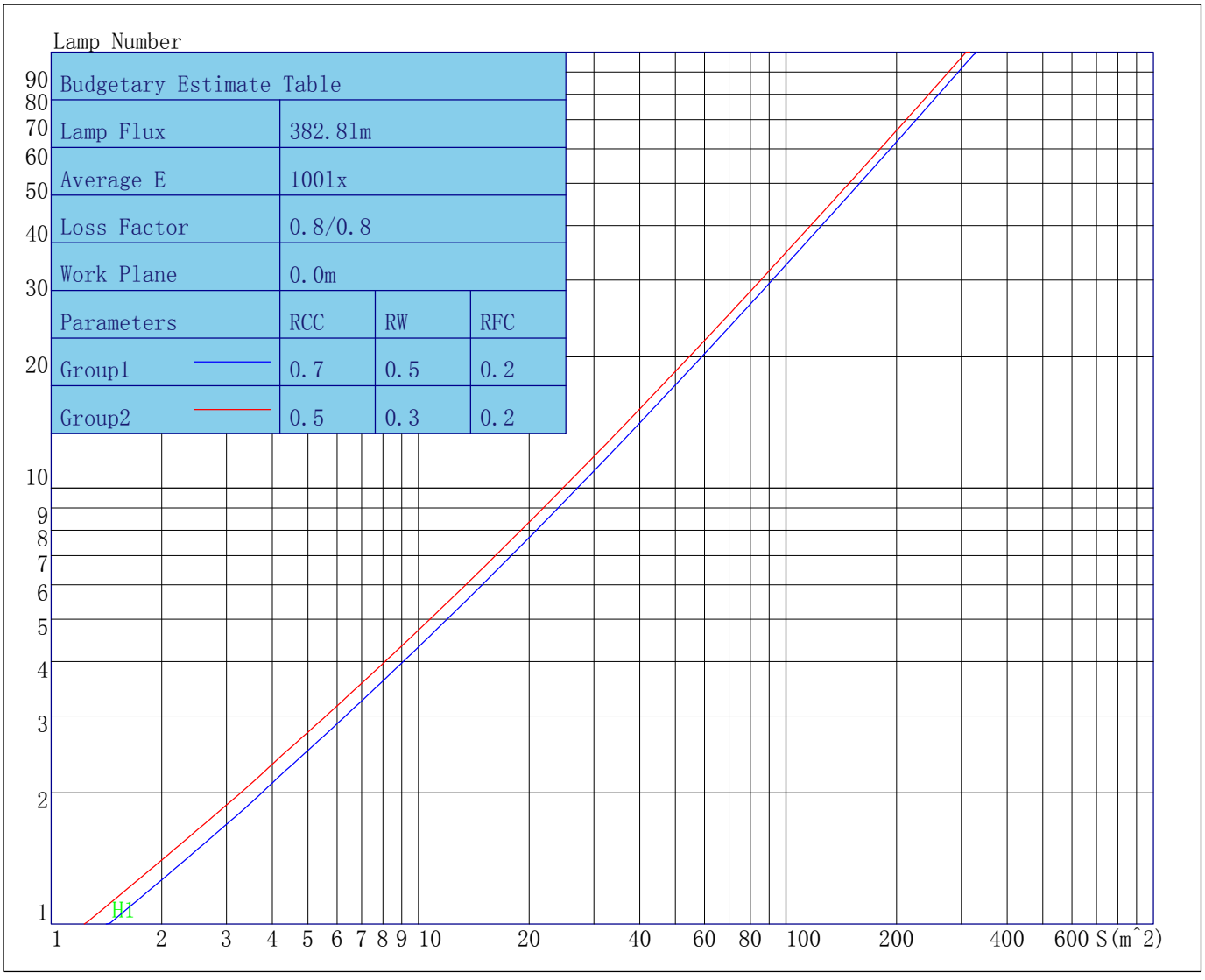


Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.062 Area(m^2)=0.015708
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

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Indoor Budgetary Estimate Table

Lum.Name: HCP-806024-5000K RA90 15D	Lum.Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2020/09/15



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

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Indoor Coefficient of Utilization Table

Lum.Name: HCP-806024-5000K RA90 15D	Lum.Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2020/09/15

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	108	103	98	95	105	101	97	94	98	94	92	95	92	90	92	90	88	86
3	102	96	90	86	100	94	89	86	91	88	84	89	86	83	87	84	82	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70
6	88	79	73	68	86	78	72	68	76	71	68	75	70	67	73	70	67	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61
8	79	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55
10	73	63	57	54	72	63	57	54	62	57	53	61	56	53	60	56	53	52

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Unified Glare Rating Table

Lum.Name: HCP-806024-5000K RA90 15D	Lum.Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2020/09/15

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	14.9	16.1	15.3	16.4	16.8	10.8	12.0	11.2	12.3	12.6
	Y=3H	14.8	15.9	15.2	16.2	16.6	10.7	11.7	11.0	12.1	12.5
	Y=4H	14.8	15.8	15.2	16.2	16.5	10.6	11.6	11.0	12.0	12.4
	Y=6H	14.7	15.7	15.1	16.1	16.5	10.5	11.4	10.9	11.8	12.2
	Y=8H	14.7	15.6	15.1	16.0	16.4	10.4	11.3	10.9	11.7	12.2
	Y=12H	14.7	15.5	15.1	15.9	16.4	10.4	11.3	10.8	11.6	12.1
X=4H	Y=2H	14.7	15.7	15.1	16.1	16.5	10.6	11.6	11.0	12.0	12.3
	Y=3H	14.6	15.5	15.0	15.9	16.3	10.5	11.3	10.9	11.8	12.2
	Y=4H	14.6	15.4	15.0	15.8	16.2	10.4	11.2	10.8	11.6	12.1
	Y=6H	14.5	15.3	15.0	15.7	16.2	10.3	11.0	10.8	11.5	11.9
	Y=8H	14.5	15.2	15.0	15.7	16.1	10.2	10.9	10.7	11.4	11.8
	Y=12H	14.5	15.1	15.0	15.6	16.1	10.2	10.8	10.7	11.3	11.8
X=8H	Y=4H	14.4	15.1	14.9	15.6	16.0	10.3	10.9	10.7	11.4	11.9
	Y=6H	14.4	15.0	14.9	15.5	16.1	10.2	10.8	10.7	11.3	11.8
	Y=8H	14.4	14.9	14.9	15.5	16.0	10.1	10.6	10.6	11.2	11.6
	Y=12H	14.4	14.9	15.0	15.4	16.0	10.0	10.5	10.6	11.0	11.6
X=12H	Y=4H	14.4	15.0	14.9	15.5	15.9	10.2	10.8	10.7	11.3	11.8
	Y=6H	14.4	14.9	14.9	15.4	15.9	10.1	10.7	10.6	11.1	11.7
	Y=8H	14.4	14.9	14.9	15.4	15.9	10.1	10.6	10.6	11.1	11.6

Variations with the observer position at spacings		
S=1.0H	0.3/-0.3	1.2/-1.5
S=1.5H	0.6/-0.7	1.6/-2.3
S=2.0H	1.1/-0.9	2.3/-2.8

Reduced UGR Table:		
Nordic Standard Table:	BK0	BK0
Correction Value	0.3	0.2

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	919.20	919.20	919.20	919.20
γ 1.0	983.84	827.97	872.32	943.31
γ 2.0	1017.82	760.76	802.67	985.74
γ 3.0	1034.74	691.44	727.85	1013.50
γ 4.0	1032.70	625.98	659.52	1022.52
γ 5.0	1014.55	561.38	592.38	1012.77
γ 6.0	969.07	500.49	529.40	986.44
γ 7.0	908.28	444.95	473.21	945.28
γ 8.0	842.88	401.06	425.17	895.61
γ 9.0	776.73	366.95	384.92	837.86
γ 10.0	710.24	336.85	350.98	772.18
γ 11.0	644.46	308.61	322.15	703.15
γ 12.0	580.96	284.79	296.49	638.85
γ 13.0	523.02	264.97	275.11	577.97
γ 14.0	470.90	247.71	256.14	518.05
γ 15.0	426.67	232.77	238.86	463.49
γ 16.0	387.72	219.72	223.96	417.49
γ 17.0	353.51	208.35	211.51	380.22
γ 18.0	324.99	198.62	200.94	349.77
γ 19.0	299.49	190.02	192.03	321.85
γ 20.0	276.48	182.61	183.80	296.80
γ 21.0	256.29	175.66	177.09	275.35
γ 22.0	239.47	169.43	170.70	256.90
γ 23.0	224.94	163.68	164.96	241.09
γ 24.0	212.63	158.24	159.58	227.11
γ 25.0	202.90	153.16	154.25	214.54
γ 26.0	194.66	148.13	149.83	203.69
γ 27.0	187.67	143.63	145.37	194.40
γ 28.0	181.24	139.29	141.37	186.32
γ 29.0	175.26	135.66	137.79	179.47
γ 30.0	169.91	131.73	134.41	173.20
γ 31.0	164.79	127.81	130.82	167.37
γ 32.0	159.86	123.89	127.30	162.23
γ 33.0	155.15	119.80	123.76	157.54
γ 34.0	150.87	113.83	119.62	152.73
γ 35.0	147.00	104.91	114.07	148.23
γ 36.0	143.47	94.89	105.76	144.39
γ 37.0	140.15	84.61	94.79	140.77
γ 38.0	136.54	73.19	82.16	136.97
γ 39.0	132.76	62.12	68.68	133.34
γ 40.0	128.80	50.60	54.80	129.64
γ 41.0	124.74	39.49	41.62	125.41
γ 42.0	118.97	29.37	30.16	120.37
γ 43.0	110.04	22.04	22.17	113.11
γ 44.0	98.71	18.18	17.06	103.78
γ 45.0	86.11	16.01	14.30	93.07
γ 46.0	72.57	14.43	12.50	81.86

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	58.81	12.60	11.10	69.81
γ 48.0	44.91	10.83	9.78	57.66
γ 49.0	33.42	9.11	8.52	45.93
γ 50.0	25.49	8.06	7.58	34.98
γ 51.0	20.85	7.34	6.92	26.25
γ 52.0	18.09	6.74	6.31	20.40
γ 53.0	16.06	6.20	5.72	17.36
γ 54.0	14.27	5.71	5.25	15.27
γ 55.0	12.67	5.24	4.85	13.22
γ 56.0	11.13	4.84	4.46	11.32
γ 57.0	9.91	4.46	4.11	9.87
γ 58.0	8.99	4.09	3.80	8.92
γ 59.0	8.27	3.75	3.51	8.19
γ 60.0	7.64	3.45	3.22	7.52
γ 61.0	7.11	3.18	2.95	6.89
γ 62.0	6.61	2.95	2.71	6.32
γ 63.0	6.13	2.71	2.51	5.83
γ 64.0	5.65	2.49	2.33	5.38
γ 65.0	5.23	2.29	2.16	5.00
γ 66.0	4.85	2.10	2.03	4.64
γ 67.0	4.49	1.92	1.88	4.31
γ 68.0	4.19	1.76	1.75	3.98
γ 69.0	3.89	1.59	1.62	3.70
γ 70.0	3.63	1.44	1.50	3.44
γ 71.0	3.38	1.30	1.38	3.23
γ 72.0	3.14	1.15	1.27	3.01
γ 73.0	2.94	1.01	1.15	2.83
γ 74.0	2.73	0.91	1.02	2.65
γ 75.0	2.53	0.80	0.91	2.48
γ 76.0	2.36	0.68	0.80	2.34
γ 77.0	2.19	0.55	0.69	2.19
γ 78.0	2.03	0.45	0.57	2.04
γ 79.0	1.87	0.34	0.46	1.91
γ 80.0	1.76	0.24	0.34	1.78
γ 81.0	1.62	0.13	0.23	1.66
γ 82.0	1.47	0.00	0.12	1.53
γ 83.0	1.33	0.00	0.00	1.41
γ 84.0	1.20	0.00	0.00	1.27
γ 85.0	1.08	0.00	0.00	1.17
γ 86.0	0.95	0.00	0.00	1.04
γ 87.0	0.82	0.00	0.00	0.92
γ 88.0	0.71	0.00	0.00	0.79
γ 89.0	0.58	0.00	0.00	0.65
γ 90.0	0.46	0.00	0.00	0.47
γ 91.0	0.29	0.00	0.00	0.36
γ 92.0	0.04	0.00	0.00	0.17
γ 93.0	0.00	0.00	0.00	0.00

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00
γ 96.0	0.00	0.00	0.00	0.00
γ 97.0	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00
γ 133.0	0.00	0.00	0.00	0.00
γ 134.0	0.00	0.00	0.00	0.00
γ 135.0	0.00	0.00	0.00	0.00
γ 136.0	0.00	0.00	0.00	0.00
γ 137.0	0.00	0.00	0.07	0.00
γ 138.0	0.00	0.00	0.12	0.00
γ 139.0	0.00	0.00	0.18	0.00
γ 140.0	0.00	0.05	0.24	0.00

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.00	0.10	0.29	0.00
γ 142.0	0.00	0.16	0.34	0.00
γ 143.0	0.00	0.22	0.39	0.03
γ 144.0	0.00	0.26	0.44	0.08
γ 145.0	0.01	0.31	0.48	0.14
γ 146.0	0.07	0.35	0.51	0.20
γ 147.0	0.12	0.38	0.55	0.25
γ 148.0	0.18	0.43	0.59	0.31
γ 149.0	0.24	0.47	0.62	0.36
γ 150.0	0.28	0.50	0.64	0.40
γ 151.0	0.34	0.54	0.69	0.45
γ 152.0	0.38	0.57	0.72	0.49
γ 153.0	0.42	0.60	0.75	0.53
γ 154.0	0.47	0.61	0.78	0.57
γ 155.0	0.52	0.65	0.80	0.60
γ 156.0	0.56	0.68	0.83	0.63
γ 157.0	0.60	0.70	0.86	0.67
γ 158.0	0.64	0.75	0.89	0.69
γ 159.0	0.67	0.77	0.91	0.73
γ 160.0	0.70	0.80	0.93	0.75
γ 161.0	0.75	0.83	0.96	0.78
γ 162.0	0.78	0.86	0.98	0.79
γ 163.0	0.82	0.88	0.99	0.83
γ 164.0	0.84	0.91	1.02	0.85
γ 165.0	0.87	0.92	1.03	0.87
γ 166.0	0.90	0.95	1.04	0.89
γ 167.0	0.93	0.95	1.06	0.91
γ 168.0	0.95	0.97	1.06	0.93
γ 169.0	0.99	0.98	1.07	0.94
γ 170.0	0.99	0.99	1.08	0.97
γ 171.0	1.03	0.99	1.08	0.98
γ 172.0	1.04	0.99	1.08	0.99
γ 173.0	1.05	0.99	1.07	1.01
γ 174.0	1.07	0.98	1.06	1.04
γ 175.0	1.08	0.99	1.07	1.05
γ 176.0	1.09	1.00	1.07	1.05
γ 177.0	1.10	1.01	1.07	1.07
γ 178.0	1.09	1.01	1.08	1.07
γ 179.0	1.10	1.02	1.08	1.07
γ 180.0	1.08	1.08	1.08	1.08