

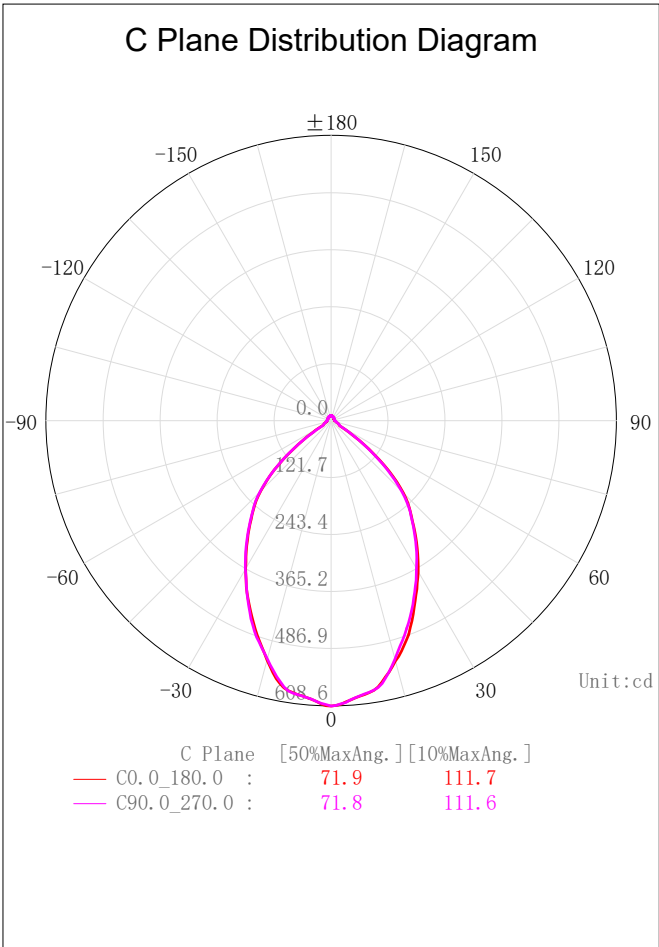
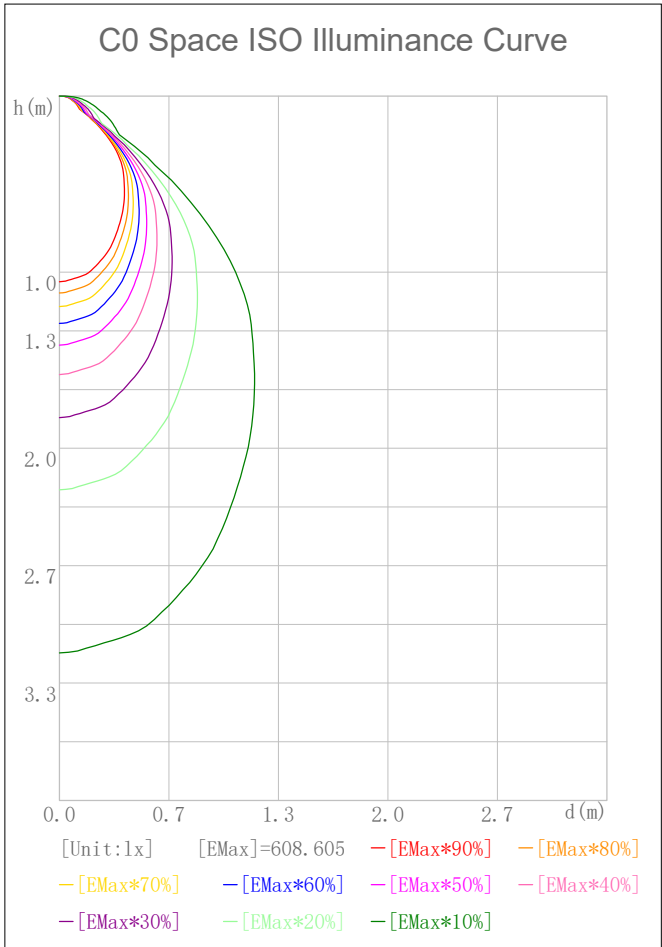
Indoor Luminaire Photometric Data

Description Information

Luminary Name: HV5530T 4000K RA90		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2022/07/26
Manufacture: HAVIT COMMERCIAL		Shld. Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.071m*0.071m*0.000m		Lum. Area (m2):0.004	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

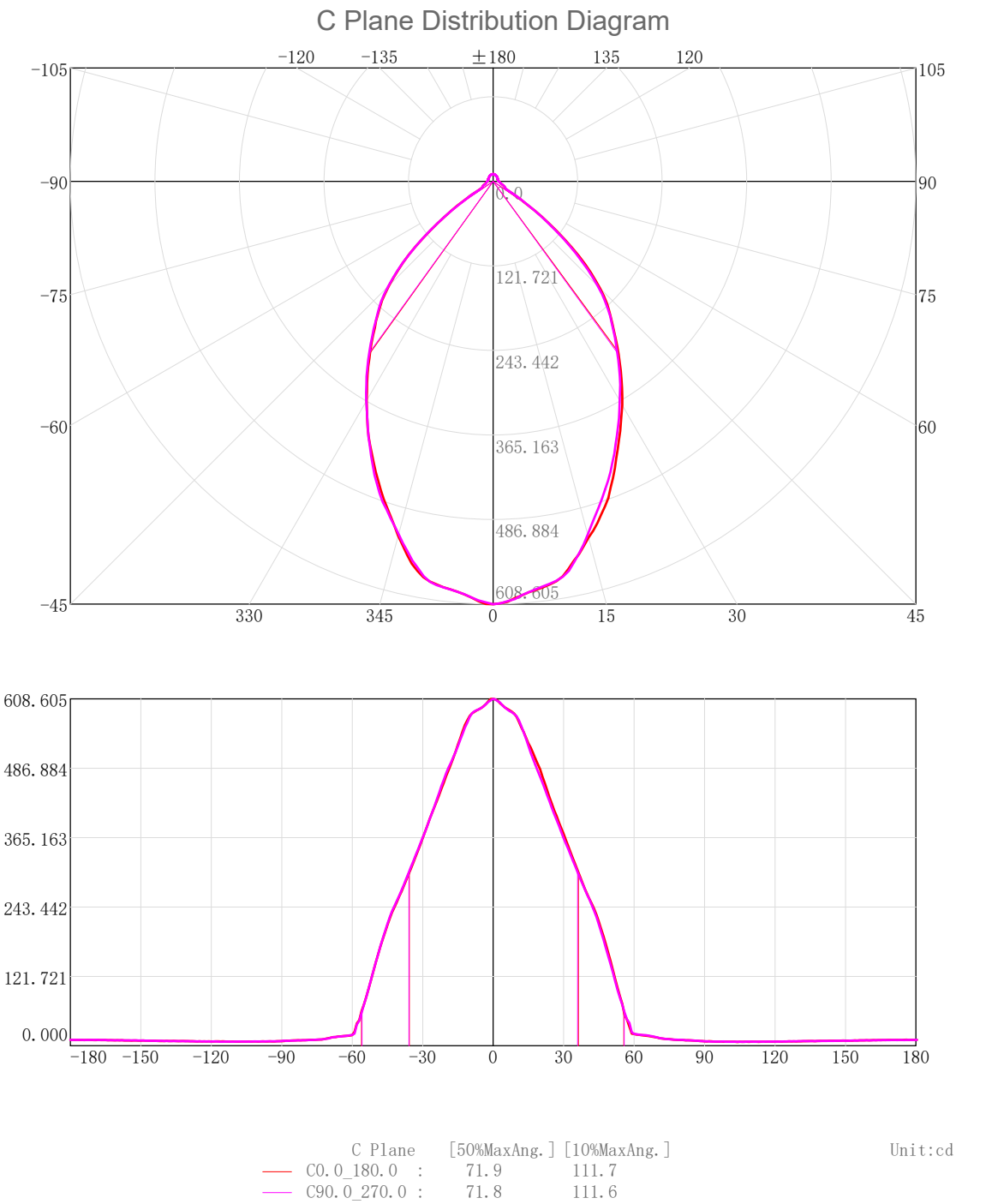
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 911.830	Luminary Flux(lm): 911.825	Field Angle(10%Imax): 111.7(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 861.045lm 94.43%	
Rated Voltage(V):	Luminary EER(lm/W): 70.520	Up Lumens&Percent: 50.780lm 5.57%	
Tested Power(W): 12.930	Max. Candela(cd): 608.605	S/MH: C0_a180=0.959 C90_270=0.953	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.1, 0.056, 0.949	Beam Angle(50%Imax): 71.9(°)	ErP ϕ use(90°): 681.854lm	
Lamp Size (W*L*H):0.071m*0.071m*0.000m	Left=-35.7°, Right=36.3°	IRF(%): 165.767	



2D Plane Light Intensity Distribution Curve

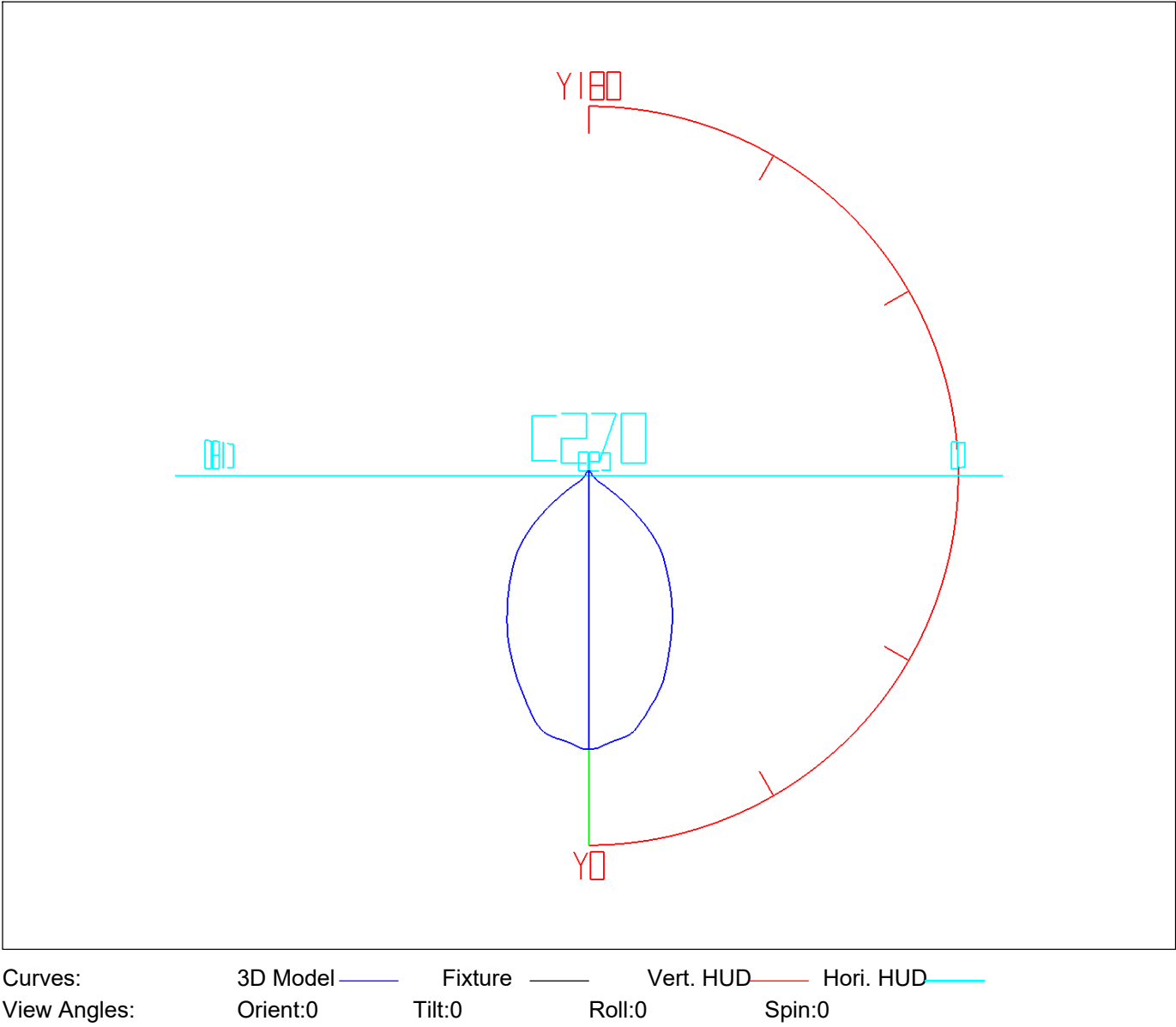
Lum. Name: HV5530T 4000K RA90	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2022/07/26



3D Light Intensity Distribution Modal

Lum. Name: HV5530T 4000K RA90	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2022/07/26

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:HV5530T 4000K RA90.IES

Zonal Flux Tabulation

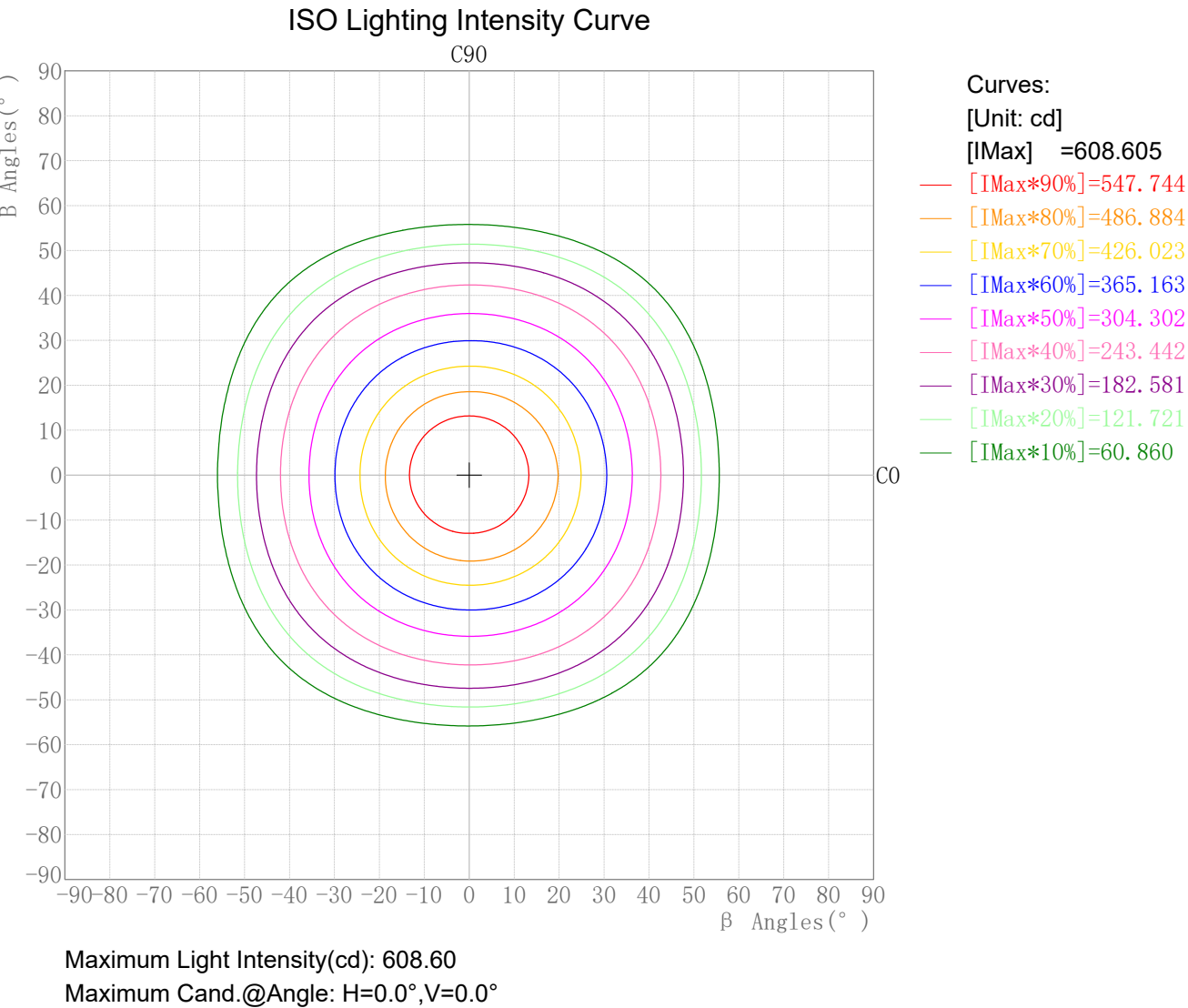
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.58	0.58	0.06	0.06	47.0-48.0	14.69	729.24	1.61	79.98
1.0-2.0	1.74	2.32	0.19	0.25	48.0-49.0	13.76	743.00	1.51	81.48
2.0-3.0	2.88	5.20	0.32	0.57	49.0-50.0	12.75	755.75	1.40	82.88
3.0-4.0	4.01	9.21	0.44	1.01	50.0-51.0	11.67	767.42	1.28	84.16
4.0-5.0	5.12	14.33	0.56	1.57	51.0-52.0	10.53	777.95	1.15	85.32
5.0-6.0	6.22	20.55	0.68	2.25	52.0-53.0	9.35	787.29	1.03	86.34
6.0-7.0	7.32	27.86	0.80	3.06	53.0-54.0	8.18	795.47	0.90	87.24
7.0-8.0	8.40	36.27	0.92	3.98	54.0-55.0	7.06	802.54	0.77	88.01
8.0-9.0	9.47	45.74	1.04	5.02	55.0-56.0	5.90	808.44	0.65	88.66
9.0-10.0	10.50	56.24	1.15	6.17	56.0-57.0	4.73	813.16	0.52	89.18
10.0-11.0	11.46	67.70	1.26	7.42	57.0-58.0	3.84	817.00	0.42	89.60
11.0-12.0	12.35	80.04	1.35	8.78	58.0-59.0	2.82	819.82	0.31	89.91
12.0-13.0	13.17	93.21	1.44	10.22	59.0-60.0	2.01	821.83	0.22	90.13
13.0-14.0	13.93	107.15	1.53	11.75	60.0-61.0	1.86	823.70	0.20	90.33
14.0-15.0	14.64	121.79	1.61	13.36	61.0-62.0	1.83	825.52	0.20	90.53
15.0-16.0	15.31	137.10	1.68	15.04	62.0-63.0	1.79	827.31	0.20	90.73
16.0-17.0	15.95	153.04	1.75	16.78	63.0-64.0	1.76	829.08	0.19	90.92
17.0-18.0	16.55	169.59	1.81	18.60	64.0-65.0	1.74	830.82	0.19	91.12
18.0-19.0	17.12	186.71	1.88	20.48	65.0-66.0	1.71	832.53	0.19	91.30
19.0-20.0	17.64	204.35	1.94	22.41	66.0-67.0	1.67	834.20	0.18	91.49
20.0-21.0	18.09	222.45	1.98	24.40	67.0-68.0	1.62	835.81	0.18	91.66
21.0-22.0	18.49	240.93	2.03	26.42	68.0-69.0	1.56	837.38	0.17	91.83
22.0-23.0	18.83	259.76	2.06	28.49	69.0-70.0	1.48	838.86	0.16	92.00
23.0-24.0	19.12	278.88	2.10	30.58	70.0-71.0	1.39	840.25	0.15	92.15
24.0-25.0	19.37	298.25	2.12	32.71	71.0-72.0	1.32	841.57	0.14	92.29
25.0-26.0	19.59	317.84	2.15	34.86	72.0-73.0	1.26	842.83	0.14	92.43
26.0-27.0	19.77	337.61	2.17	37.03	73.0-74.0	1.23	844.05	0.13	92.57
27.0-28.0	19.90	357.51	2.18	39.21	74.0-75.0	1.21	845.26	0.13	92.70
28.0-29.0	19.99	377.51	2.19	41.40	75.0-76.0	1.18	846.44	0.13	92.83
29.0-30.0	20.06	397.57	2.20	43.60	76.0-77.0	1.15	847.59	0.13	92.95
30.0-31.0	20.09	417.66	2.20	45.81	77.0-78.0	1.13	848.72	0.12	93.08
31.0-32.0	20.09	437.75	2.20	48.01	78.0-79.0	1.12	849.84	0.12	93.20
32.0-33.0	20.05	457.80	2.20	50.21	79.0-80.0	1.10	850.95	0.12	93.32
33.0-34.0	19.96	477.76	2.19	52.40	80.0-81.0	1.09	852.04	0.12	93.44
34.0-35.0	19.83	497.60	2.18	54.57	81.0-82.0	1.06	853.10	0.12	93.56
35.0-36.0	19.67	517.27	2.16	56.73	82.0-83.0	1.05	854.15	0.12	93.67
36.0-37.0	19.48	536.76	2.14	58.87	83.0-84.0	1.05	855.20	0.11	93.79
37.0-38.0	19.26	556.02	2.11	60.98	84.0-85.0	1.03	856.23	0.11	93.90
38.0-39.0	19.02	575.04	2.09	63.06	85.0-86.0	1.01	857.24	0.11	94.01
39.0-40.0	18.76	593.80	2.06	65.12	86.0-87.0	0.99	858.23	0.11	94.12
40.0-41.0	18.51	612.31	2.03	67.15	87.0-88.0	0.96	859.20	0.11	94.23
41.0-42.0	18.23	630.54	2.00	69.15	88.0-89.0	0.94	860.13	0.10	94.33
42.0-43.0	17.90	648.44	1.96	71.11	89.0-90.0	0.91	861.05	0.10	94.43
43.0-44.0	17.47	665.91	1.92	73.03	90.0-91.0	0.88	861.93	0.10	94.53
44.0-45.0	16.91	682.82	1.85	74.88	91.0-92.0	0.88	862.80	0.10	94.62
45.0-46.0	16.24	699.06	1.78	76.67	92.0-93.0	0.86	863.66	0.09	94.72
46.0-47.0	15.50	714.55	1.70	78.36	93.0-94.0	0.85	864.51	0.09	94.81

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. 84	865. 35	0. 09	94. 90	141. 0-142. 0	0. 59	899. 24	0. 07	98. 62
95. 0-96. 0	0. 83	866. 18	0. 09	94. 99	142. 0-143. 0	0. 58	899. 82	0. 06	98. 68
96. 0-97. 0	0. 82	867. 00	0. 09	95. 08	143. 0-144. 0	0. 57	900. 39	0. 06	98. 75
97. 0-98. 0	0. 82	867. 83	0. 09	95. 17	144. 0-145. 0	0. 56	900. 95	0. 06	98. 81
98. 0-99. 0	0. 82	868. 64	0. 09	95. 26	145. 0-146. 0	0. 55	901. 51	0. 06	98. 87
99. 0-100. 0	0. 80	869. 45	0. 09	95. 35	146. 0-147. 0	0. 54	902. 05	0. 06	98. 93
100. 0-101. 0	0. 80	870. 25	0. 09	95. 44	147. 0-148. 0	0. 53	902. 58	0. 06	98. 99
101. 0-102. 0	0. 80	871. 05	0. 09	95. 53	148. 0-149. 0	0. 53	903. 11	0. 06	99. 04
102. 0-103. 0	0. 79	871. 84	0. 09	95. 61	149. 0-150. 0	0. 51	903. 62	0. 06	99. 10
103. 0-104. 0	0. 78	872. 61	0. 09	95. 70	150. 0-151. 0	0. 49	904. 11	0. 05	99. 15
104. 0-105. 0	0. 77	873. 39	0. 08	95. 78	151. 0-152. 0	0. 48	904. 60	0. 05	99. 21
105. 0-106. 0	0. 77	874. 16	0. 08	95. 87	152. 0-153. 0	0. 47	905. 07	0. 05	99. 26
106. 0-107. 0	0. 76	874. 92	0. 08	95. 95	153. 0-154. 0	0. 46	905. 53	0. 05	99. 31
107. 0-108. 0	0. 77	875. 69	0. 08	96. 04	154. 0-155. 0	0. 44	905. 97	0. 05	99. 36
108. 0-109. 0	0. 77	876. 45	0. 08	96. 12	155. 0-156. 0	0. 43	906. 40	0. 05	99. 40
109. 0-110. 0	0. 76	877. 21	0. 08	96. 20	156. 0-157. 0	0. 42	906. 82	0. 05	99. 45
110. 0-111. 0	0. 76	877. 97	0. 08	96. 29	157. 0-158. 0	0. 40	907. 23	0. 04	99. 50
111. 0-112. 0	0. 74	878. 72	0. 08	96. 37	158. 0-159. 0	0. 39	907. 62	0. 04	99. 54
112. 0-113. 0	0. 74	879. 46	0. 08	96. 45	159. 0-160. 0	0. 38	907. 99	0. 04	99. 58
113. 0-114. 0	0. 74	880. 20	0. 08	96. 53	160. 0-161. 0	0. 36	908. 35	0. 04	99. 62
114. 0-115. 0	0. 74	880. 94	0. 08	96. 61	161. 0-162. 0	0. 34	908. 69	0. 04	99. 66
115. 0-116. 0	0. 73	881. 67	0. 08	96. 69	162. 0-163. 0	0. 33	909. 02	0. 04	99. 69
116. 0-117. 0	0. 73	882. 41	0. 08	96. 77	163. 0-164. 0	0. 31	909. 33	0. 03	99. 73
117. 0-118. 0	0. 74	883. 15	0. 08	96. 85	164. 0-165. 0	0. 29	909. 62	0. 03	99. 76
118. 0-119. 0	0. 73	883. 88	0. 08	96. 93	165. 0-166. 0	0. 28	909. 90	0. 03	99. 79
119. 0-120. 0	0. 72	884. 60	0. 08	97. 01	166. 0-167. 0	0. 26	910. 16	0. 03	99. 82
120. 0-121. 0	0. 72	885. 32	0. 08	97. 09	167. 0-168. 0	0. 24	910. 40	0. 03	99. 84
121. 0-122. 0	0. 72	886. 04	0. 08	97. 17	168. 0-169. 0	0. 22	910. 63	0. 02	99. 87
122. 0-123. 0	0. 71	886. 74	0. 08	97. 25	169. 0-170. 0	0. 21	910. 83	0. 02	99. 89
123. 0-124. 0	0. 70	887. 45	0. 08	97. 33	170. 0-171. 0	0. 19	911. 02	0. 02	99. 91
124. 0-125. 0	0. 70	888. 15	0. 08	97. 40	171. 0-172. 0	0. 17	911. 19	0. 02	99. 93
125. 0-126. 0	0. 70	888. 85	0. 08	97. 48	172. 0-173. 0	0. 15	911. 34	0. 02	99. 95
126. 0-127. 0	0. 69	889. 54	0. 08	97. 56	173. 0-174. 0	0. 13	911. 47	0. 01	99. 96
127. 0-128. 0	0. 69	890. 23	0. 08	97. 63	174. 0-175. 0	0. 11	911. 58	0. 01	99. 97
128. 0-129. 0	0. 68	890. 91	0. 08	97. 71	175. 0-176. 0	0. 09	911. 67	0. 01	99. 98
129. 0-130. 0	0. 68	891. 59	0. 07	97. 78	176. 0-177. 0	0. 07	911. 74	0. 01	99. 99
130. 0-131. 0	0. 67	892. 27	0. 07	97. 85	177. 0-178. 0	0. 05	911. 79	0. 01	100. 00
131. 0-132. 0	0. 67	892. 94	0. 07	97. 93	178. 0-179. 0	0. 03	911. 82	0. 00	100. 00
132. 0-133. 0	0. 67	893. 61	0. 07	98. 00	179. 0-180. 0	0. 01	911. 83	0. 00	100. 00
133. 0-134. 0	0. 66	894. 27	0. 07	98. 07					
134. 0-135. 0	0. 65	894. 92	0. 07	98. 15					
135. 0-136. 0	0. 65	895. 56	0. 07	98. 22					
136. 0-137. 0	0. 63	896. 19	0. 07	98. 29					
137. 0-138. 0	0. 62	896. 82	0. 07	98. 35					
138. 0-139. 0	0. 62	897. 43	0. 07	98. 42					
139. 0-140. 0	0. 61	898. 04	0. 07	98. 49					
140. 0-141. 0	0. 60	898. 64	0. 07	98. 55					

Rectangle ISO Lighting Intensity Diagram

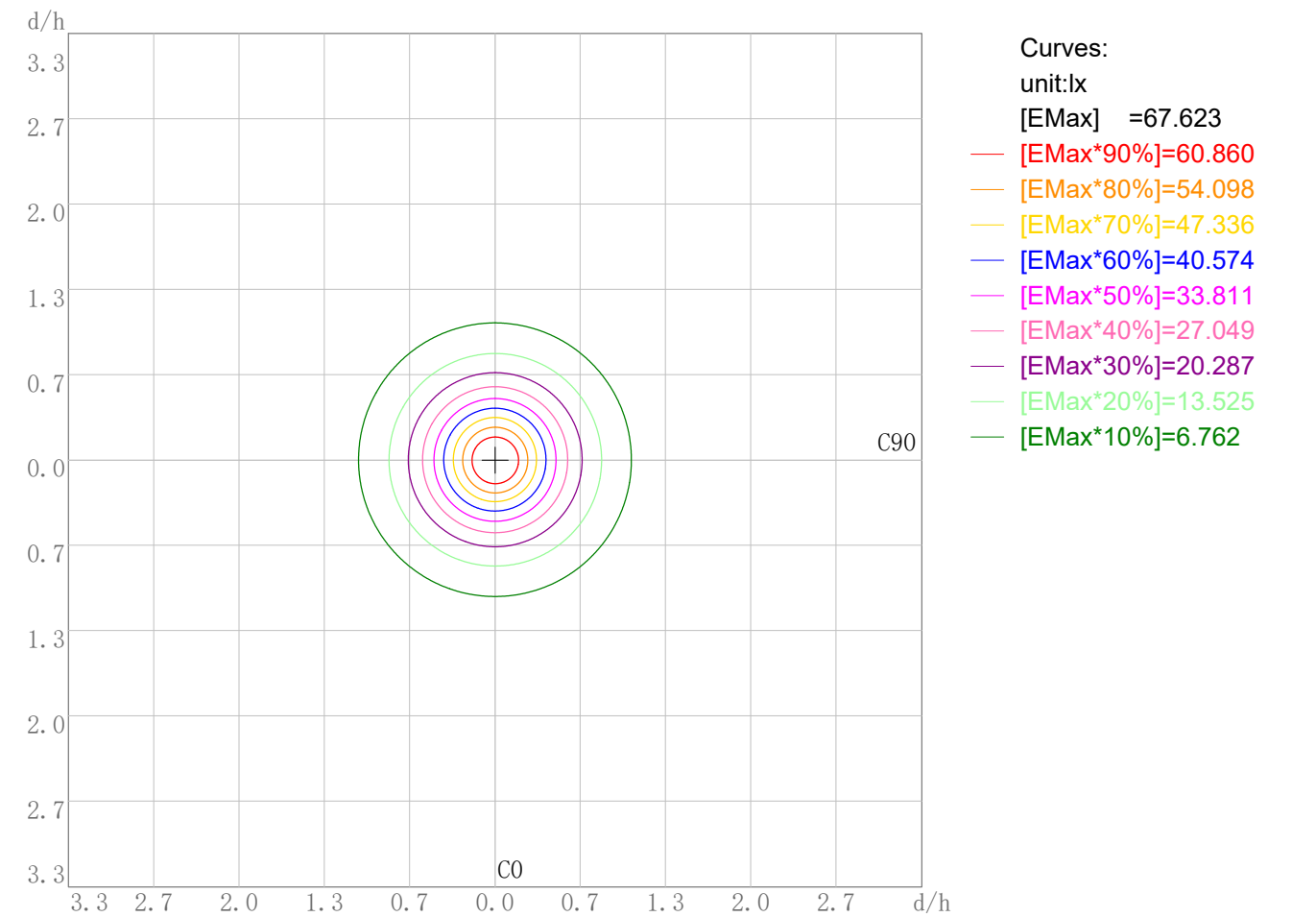
Lum. Name: HV5530T 4000K RA90	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2022/07/26



Plane ISO-Illuminance Diagram

Lum. Name: HV5530T 4000K RA90	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2022/07/26

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

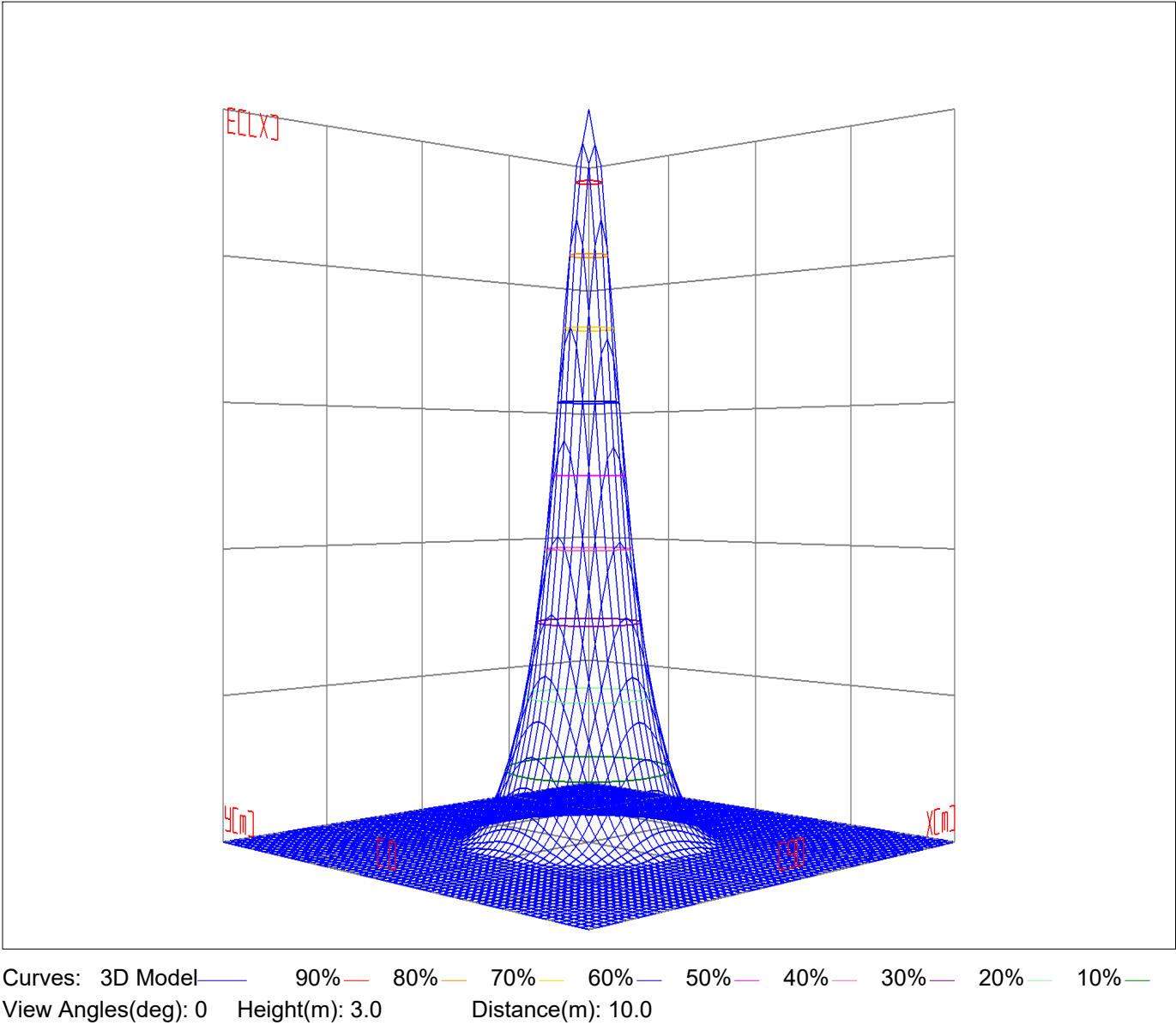
Working Plane Maximum Illuminance(lx): 67.62

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name: HV5530T 4000K RA90	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2022/07/26

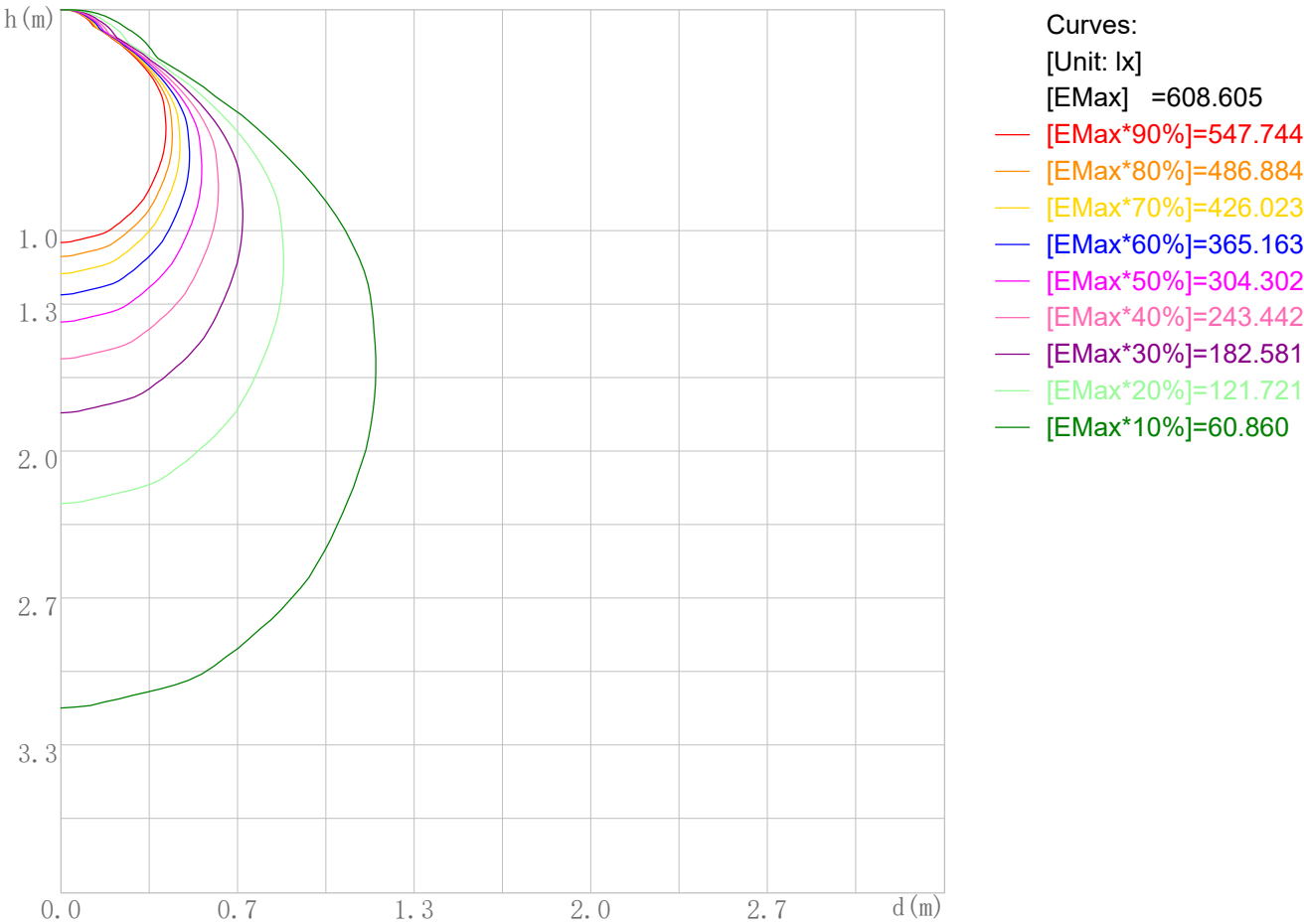
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name: HV5530T 4000K RA90	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2022/07/26

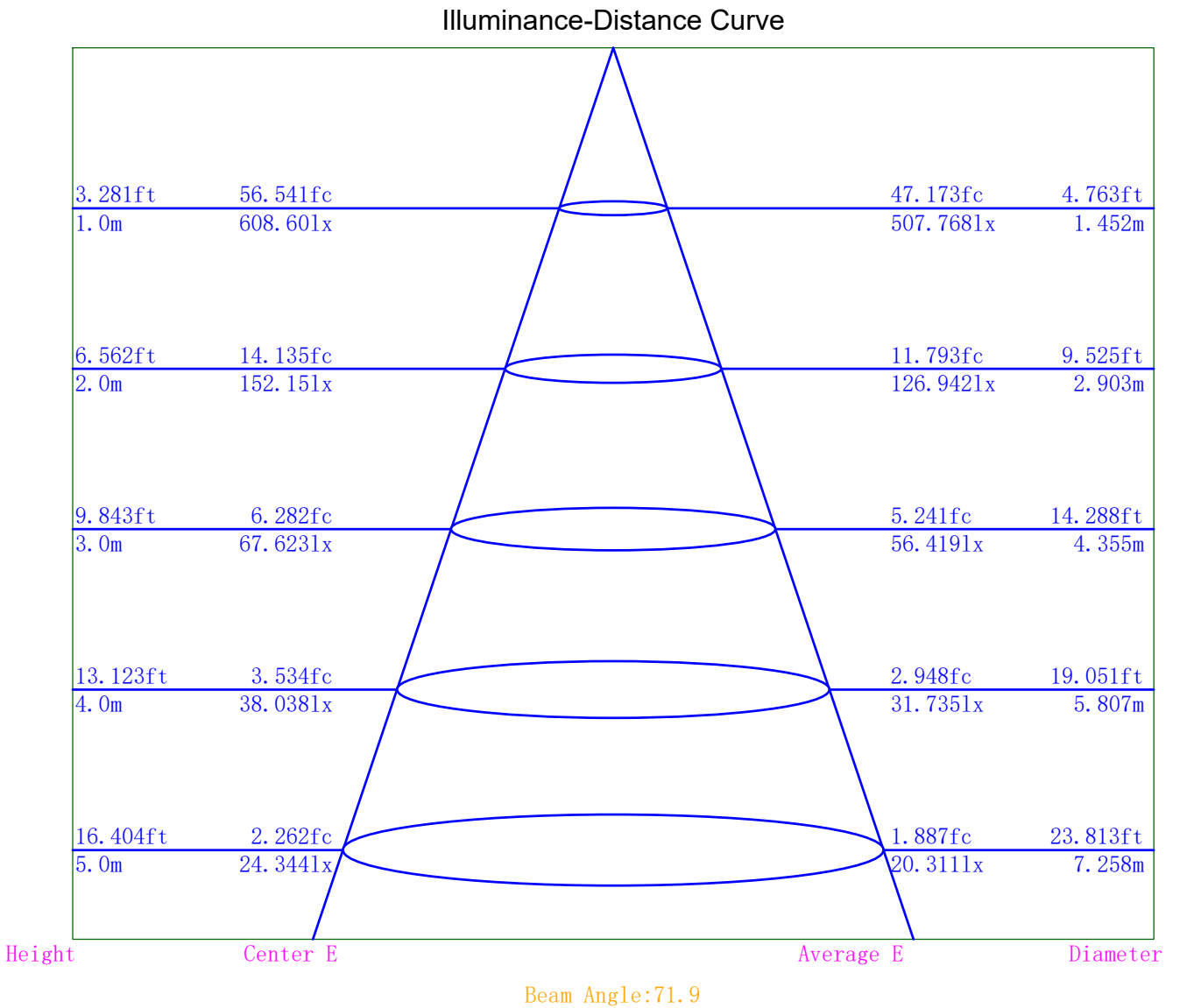
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:608.60lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:608.605cd,0deg

Illuminance-Distance Diagram

Lum. Name: HV5530T 4000K RA90	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2022/07/26



Indoor Luminance Limiting Curves

Lum. Name: HV5530T 4000K RA90	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2022/07/26

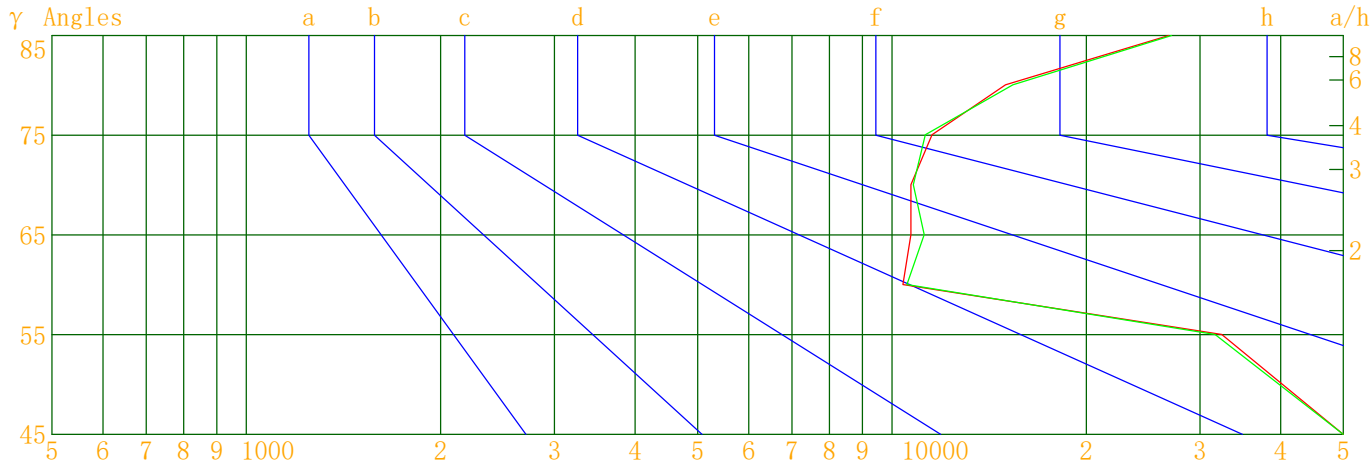
Glare Grade Table

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	77784	58231	32414	10399	10701	10701	11538	14989	26841
C90	76082	56089	31645	10548	11219	10792	11265	15389	27096

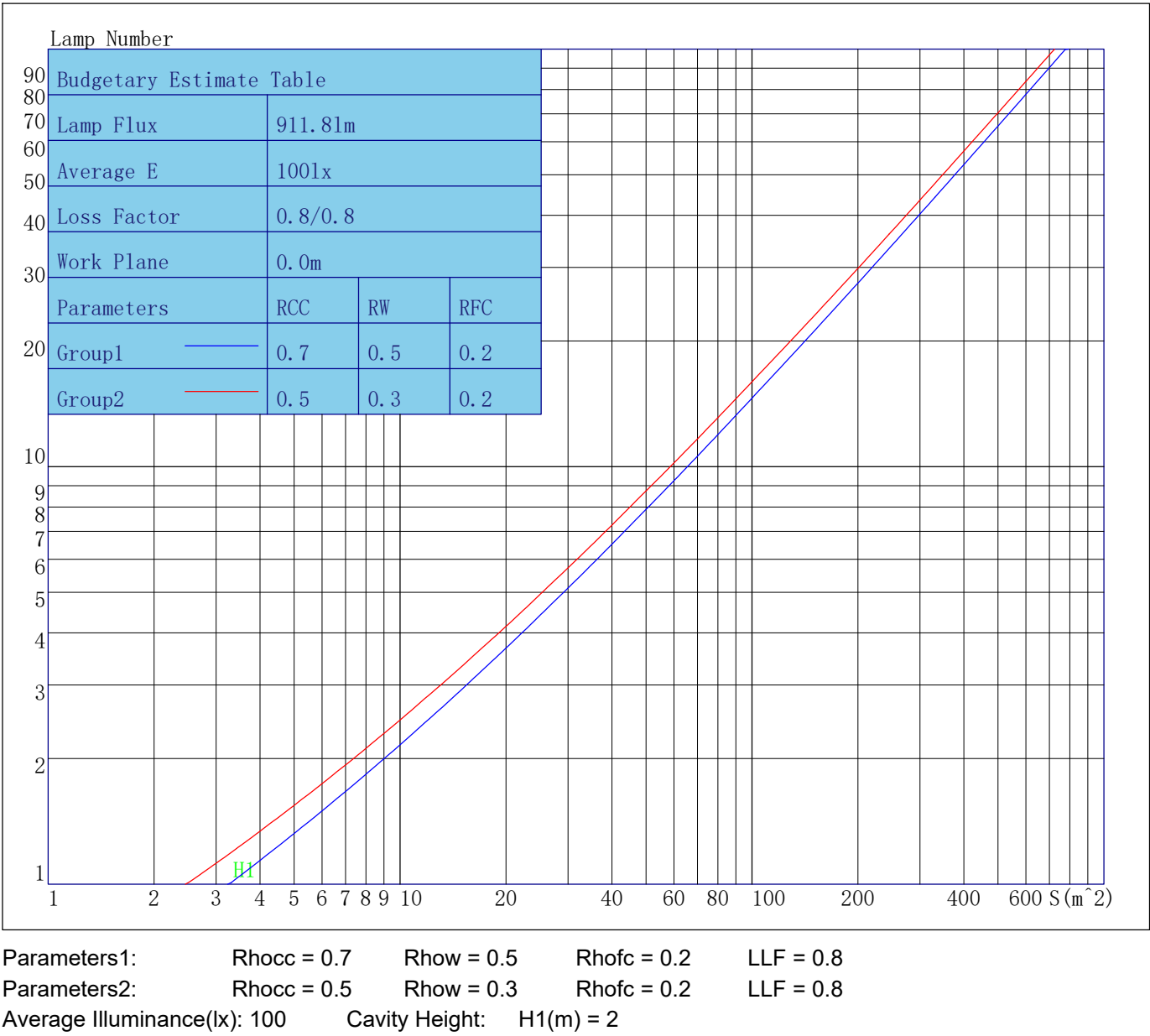
Luminance Limiting Curve



Luminous Size: Length(m)=-0.071 Width(m)=-0.071 Height(m)=0.000 Area(m^2)=0.003959
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table

Lum. Name: HV5530T 4000K RA90	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2022/07/26



Indoor Coefficient of Utilization Table

Lum. Name: HV5530T 4000K RA90	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2022/07/26

Coefficients of Utilization - Zonal Cavity Method																		
Coef.	Effective Floor Cavity Reflectance RFC=0.20																	
RhoCC (%)	80				70				50			30			10			0
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Coefficient of Utilization(%)																	
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	94
1	110	107	103	101	107	104	101	98	99	96	94	94	92	91	90	88	87	85
2	103	97	92	87	100	94	90	86	90	86	83	86	83	80	83	80	78	76
3	96	88	82	77	93	86	80	76	82	78	74	79	75	72	76	73	70	68
4	90	80	73	68	87	78	72	67	75	70	66	73	68	64	70	66	63	61
5	84	73	66	61	81	72	65	60	69	64	59	67	62	58	65	60	57	55
6	78	67	60	55	76	66	59	54	64	58	53	62	57	53	60	55	52	50
7	73	62	55	50	71	61	54	49	59	53	49	57	52	48	56	51	47	45
8	69	57	50	45	67	56	50	45	55	49	44	53	48	44	52	47	43	42
9	65	53	46	41	63	53	46	41	51	45	41	50	44	40	48	43	40	38
10	61	50	43	38	60	49	42	38	48	42	38	46	41	37	45	40	37	35

Unified Glare Rating Table

Lum. Name: HV5530T 4000K RA90	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2022/07/26

Unified Glare Rating Table

Ceiling RCC	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
Wall RW	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
Floor RFC	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room Size	Vewed crosswise					Vewed endwise				
X=2H Y=2H	23.9	25.1	24.3	25.5	26.0	23.8	25.0	24.2	25.4	25.9
	23.9	24.9	24.4	25.4	25.9	23.8	24.9	24.3	25.3	25.8
	23.9	24.9	24.4	25.4	25.9	23.8	24.8	24.3	25.3	25.8
	24.0	24.9	24.5	25.4	25.9	23.9	24.8	24.5	25.3	25.9
	24.1	24.9	24.6	25.4	26.0	24.0	24.9	24.6	25.4	25.9
	24.2	25.1	24.8	25.5	26.1	24.2	25.0	24.7	25.5	26.1
X=4H Y=2H	23.8	24.7	24.3	25.2	25.7	23.7	24.7	24.2	25.1	25.7
	23.8	24.6	24.3	25.2	25.7	23.8	24.6	24.3	25.1	25.6
	23.9	24.6	24.5	25.2	25.7	23.9	24.6	24.4	25.1	25.7
	24.1	24.8	24.7	25.3	25.9	24.1	24.7	24.6	25.3	25.9
	24.3	24.9	24.8	25.4	26.0	24.3	24.8	24.8	25.4	26.0
	24.6	25.1	25.1	25.7	26.3	24.5	25.0	25.1	25.6	26.2
X=8H Y=4H	23.9	24.5	24.5	25.0	25.6	23.8	24.4	24.4	25.0	25.6
	24.2	24.7	24.8	25.3	25.9	24.2	24.6	24.8	25.2	25.9
	24.5	24.9	25.1	25.5	26.1	24.4	24.9	25.1	25.5	26.1
	24.9	25.3	25.5	25.9	26.6	24.9	25.3	25.5	25.9	26.6
X=12H Y=4H	23.9	24.4	24.4	25.0	25.6	23.8	24.3	24.4	24.9	25.5
	24.2	24.7	24.8	25.2	25.9	24.2	24.6	24.8	25.2	25.9
	24.6	25.0	25.2	25.5	26.2	24.5	24.9	25.1	25.5	26.2
Variations with the objerver position at spacings										
S=1.0H	0.0/-0.0					0.1/-0.1				
S=1.5H	0.1/-0.1					0.1/-0.1				
S=2.0H	0.2/-0.1					0.2/-0.2				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.1					1.1				

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

IES Indoor Report

Photometric Filename:HV5530T 4000K RA90.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	608.60	608.60	608.60	608.60
γ 1.0	607.36	607.33	608.28	605.89
γ 2.0	605.52	604.46	604.70	603.46
γ 3.0	600.57	602.02	599.73	599.65
γ 4.0	597.24	596.79	595.75	595.70
γ 5.0	593.54	593.34	592.78	592.80
γ 6.0	591.02	590.16	590.31	590.53
γ 7.0	588.73	587.30	588.47	588.75
γ 8.0	585.94	584.96	585.70	586.69
γ 9.0	582.59	582.00	583.09	583.42
γ 10.0	577.02	577.97	578.57	576.81
γ 11.0	568.34	571.13	571.09	567.09
γ 12.0	558.43	560.45	562.75	558.16
γ 13.0	550.43	549.75	551.48	547.10
γ 14.0	540.56	538.48	539.30	536.73
γ 15.0	530.77	526.23	528.19	525.72
γ 16.0	523.14	513.97	515.74	515.47
γ 17.0	513.91	503.15	504.40	506.22
γ 18.0	503.77	492.84	493.86	496.43
γ 19.0	494.55	482.33	483.57	488.22
γ 20.0	485.00	471.70	472.94	477.73
γ 21.0	472.02	461.64	461.45	466.43
γ 22.0	460.57	450.86	450.96	455.88
γ 23.0	448.47	439.45	439.85	443.44
γ 24.0	435.99	428.95	429.27	432.11
γ 25.0	424.80	417.30	419.14	420.12
γ 26.0	413.36	406.82	408.72	409.20
γ 27.0	403.06	396.13	397.92	397.46
γ 28.0	391.87	386.08	386.06	386.04
γ 29.0	381.67	374.97	375.13	375.08
γ 30.0	371.98	364.32	363.93	365.24
γ 31.0	360.87	354.54	352.54	354.76
γ 32.0	350.19	345.16	342.27	344.32
γ 33.0	339.20	334.77	331.90	334.38
γ 34.0	328.56	324.45	321.49	323.87
γ 35.0	317.80	314.32	310.58	313.43
γ 36.0	307.30	304.03	301.04	302.93
γ 37.0	296.89	293.99	290.52	293.01
γ 38.0	286.28	284.67	280.64	282.50
γ 39.0	275.98	274.86	270.54	273.13
γ 40.0	266.83	265.23	262.18	263.27
γ 41.0	257.73	257.10	252.40	254.39
γ 42.0	249.37	246.94	243.45	245.50
γ 43.0	240.15	236.55	234.34	236.42
γ 44.0	229.75	225.92	223.15	225.57
γ 45.0	217.76	213.00	211.63	213.56
γ 46.0	204.79	199.69	199.15	200.97

IES Indoor Report

Photometric Filename:HV5530T 4000K RA90.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	192.10	186.45	186.84	188.41
γ 48.0	178.18	171.73	174.37	174.96
γ 49.0	163.46	157.63	160.22	160.13
γ 50.0	148.19	142.74	145.25	145.48
γ 51.0	132.42	128.11	130.13	130.90
γ 52.0	116.51	112.43	115.10	115.77
γ 53.0	101.37	97.52	100.40	100.46
γ 54.0	86.79	84.12	85.84	85.76
γ 55.0	73.61	71.86	72.69	72.34
γ 56.0	53.70	58.08	61.42	58.43
γ 57.0	46.08	46.53	45.32	43.94
γ 58.0	33.39	40.12	39.09	37.42
γ 59.0	21.51	23.85	24.42	21.42
γ 60.0	20.59	20.88	18.66	19.14
γ 61.0	19.82	20.51	17.97	18.57
γ 62.0	19.44	19.80	17.51	17.92
γ 63.0	18.80	19.22	17.25	17.39
γ 64.0	18.39	18.94	17.01	16.72
γ 65.0	17.91	18.77	16.50	16.43
γ 66.0	17.28	18.01	16.25	16.15
γ 67.0	16.71	17.25	15.39	15.58
γ 68.0	15.97	16.49	15.43	15.06
γ 69.0	15.07	15.71	14.51	14.40
γ 70.0	14.49	14.61	13.42	13.09
γ 71.0	13.30	13.56	12.86	12.44
γ 72.0	12.68	13.02	11.81	11.70
γ 73.0	12.22	12.23	11.05	11.32
γ 74.0	12.13	12.11	11.17	11.17
γ 75.0	11.82	11.54	10.77	10.83
γ 76.0	11.26	11.23	10.53	10.64
γ 77.0	10.71	10.91	10.62	10.35
γ 78.0	10.67	10.75	10.47	10.32
γ 79.0	10.39	10.65	10.21	10.03
γ 80.0	10.31	10.58	9.92	9.81
γ 81.0	10.04	10.23	9.97	9.75
γ 82.0	9.53	9.85	9.58	9.54
γ 83.0	9.95	9.65	9.77	9.51
γ 84.0	9.57	9.53	9.52	9.45
γ 85.0	9.26	9.35	9.54	9.25
γ 86.0	9.09	9.16	9.28	9.15
γ 87.0	8.91	8.93	9.00	8.87
γ 88.0	8.48	8.57	8.81	8.64
γ 89.0	8.37	8.24	8.38	9.06
γ 90.0	7.90	7.82	8.12	8.52
γ 91.0	7.77	7.94	8.06	8.11
γ 92.0	8.19	7.69	8.13	7.99
γ 93.0	7.97	7.43	7.72	7.86

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	7.49	7.47	7.78	8.05
γ 95.0	7.30	7.50	7.93	7.95
γ 96.0	7.18	7.45	7.58	7.92
γ 97.0	7.39	7.48	7.65	7.71
γ 98.0	7.26	7.61	7.99	7.59
γ 99.0	7.20	7.32	7.69	7.59
γ 100.0	7.18	7.33	7.44	7.66
γ 101.0	7.30	7.26	7.58	7.67
γ 102.0	7.14	7.33	7.64	7.61
γ 103.0	7.17	7.17	7.51	7.39
γ 104.0	6.82	7.30	7.65	7.37
γ 105.0	7.13	7.25	7.36	7.38
γ 106.0	6.97	7.12	7.57	7.47
γ 107.0	7.10	7.01	7.37	7.57
γ 108.0	7.15	7.41	7.51	7.63
γ 109.0	7.01	7.38	7.29	7.46
γ 110.0	7.42	7.34	7.49	7.49
γ 111.0	7.31	7.26	7.34	7.33
γ 112.0	7.19	7.18	7.39	7.36
γ 113.0	7.04	7.35	7.51	7.45
γ 114.0	7.29	7.39	7.64	7.48
γ 115.0	7.22	7.27	7.87	7.28
γ 116.0	7.13	7.39	7.78	7.22
γ 117.0	7.54	7.55	7.84	7.46
γ 118.0	7.39	7.47	7.86	7.60
γ 119.0	7.26	7.48	7.69	7.79
γ 120.0	7.48	7.38	7.74	7.53
γ 121.0	7.64	7.51	8.01	7.74
γ 122.0	7.47	7.57	7.78	7.70
γ 123.0	7.51	7.62	7.93	7.69
γ 124.0	7.82	7.49	7.81	7.60
γ 125.0	7.75	7.59	8.06	7.88
γ 126.0	7.97	7.87	7.79	7.71
γ 127.0	7.69	7.96	7.85	7.96
γ 128.0	8.03	7.85	8.08	8.05
γ 129.0	7.74	7.91	8.19	7.99
γ 130.0	7.87	8.09	8.12	8.31
γ 131.0	7.89	8.13	8.36	7.95
γ 132.0	8.10	8.39	8.37	8.31
γ 133.0	8.09	8.31	8.41	8.23
γ 134.0	8.34	8.28	8.18	8.33
γ 135.0	8.35	8.31	8.34	8.48
γ 136.0	8.31	8.34	8.62	8.39
γ 137.0	8.30	8.07	8.52	8.47
γ 138.0	8.37	8.55	8.52	8.42
γ 139.0	8.60	8.42	8.58	8.55
γ 140.0	8.70	8.55	8.46	8.46

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	8.65	8.77	8.45	8.88
γ 142.0	8.73	8.60	8.52	8.90
γ 143.0	8.84	8.65	8.76	8.66
γ 144.0	8.99	8.56	8.97	8.87
γ 145.0	8.86	8.64	8.91	8.97
γ 146.0	8.87	9.00	8.87	8.83
γ 147.0	9.00	8.80	9.03	9.12
γ 148.0	9.11	8.95	9.16	9.17
γ 149.0	9.28	9.18	9.30	9.32
γ 150.0	9.05	8.98	9.23	9.44
γ 151.0	9.06	8.88	9.21	9.48
γ 152.0	9.15	9.21	9.49	9.51
γ 153.0	9.15	9.31	9.40	9.53
γ 154.0	9.59	9.09	9.23	9.64
γ 155.0	9.40	9.26	9.35	9.56
γ 156.0	9.62	9.63	9.45	9.62
γ 157.0	9.56	9.53	9.46	9.56
γ 158.0	9.64	9.61	9.78	9.83
γ 159.0	9.80	9.79	9.64	9.91
γ 160.0	9.73	9.70	9.76	9.93
γ 161.0	9.93	9.61	9.60	9.75
γ 162.0	10.06	9.88	9.81	9.90
γ 163.0	9.87	9.89	9.87	10.03
γ 164.0	10.02	10.11	9.83	9.97
γ 165.0	10.14	9.95	10.00	10.33
γ 166.0	10.18	10.46	10.06	10.29
γ 167.0	10.13	10.01	10.12	10.23
γ 168.0	10.28	10.08	10.23	10.29
γ 169.0	10.42	10.21	10.19	10.51
γ 170.0	10.36	10.24	10.12	10.25
γ 171.0	10.41	10.36	10.39	10.61
γ 172.0	10.46	10.20	10.28	10.44
γ 173.0	10.41	10.31	10.28	10.40
γ 174.0	10.44	10.27	10.22	10.35
γ 175.0	10.56	10.14	10.26	10.45
γ 176.0	10.76	10.38	10.25	10.63
γ 177.0	10.44	10.34	10.30	10.38
γ 178.0	10.60	10.41	10.28	10.57
γ 179.0	10.53	10.38	10.46	10.42
γ 180.0	10.55	10.55	10.55	10.55