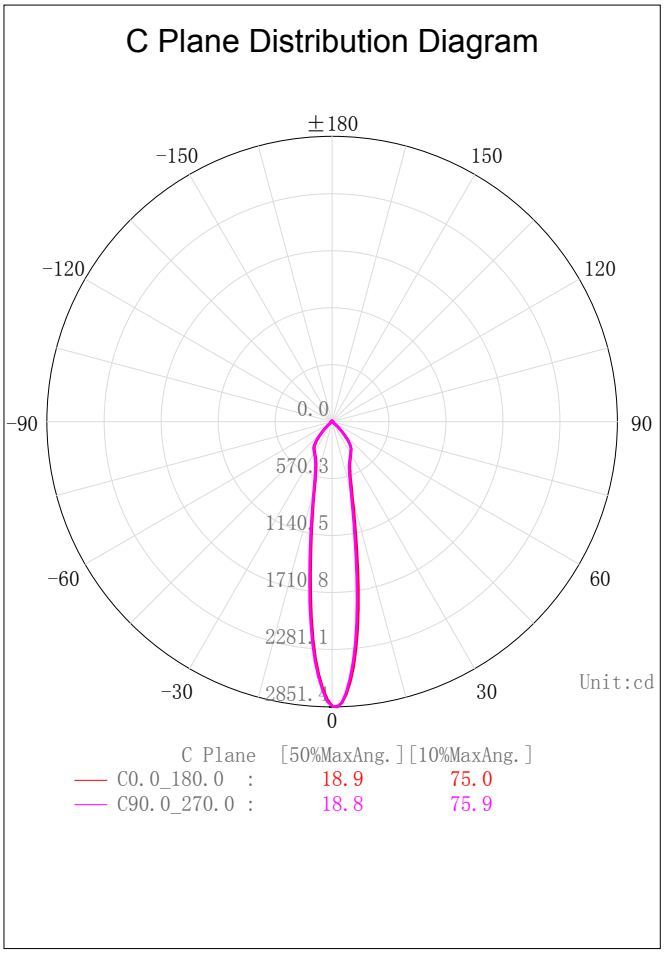
Indoor Luminaire Photometric Data

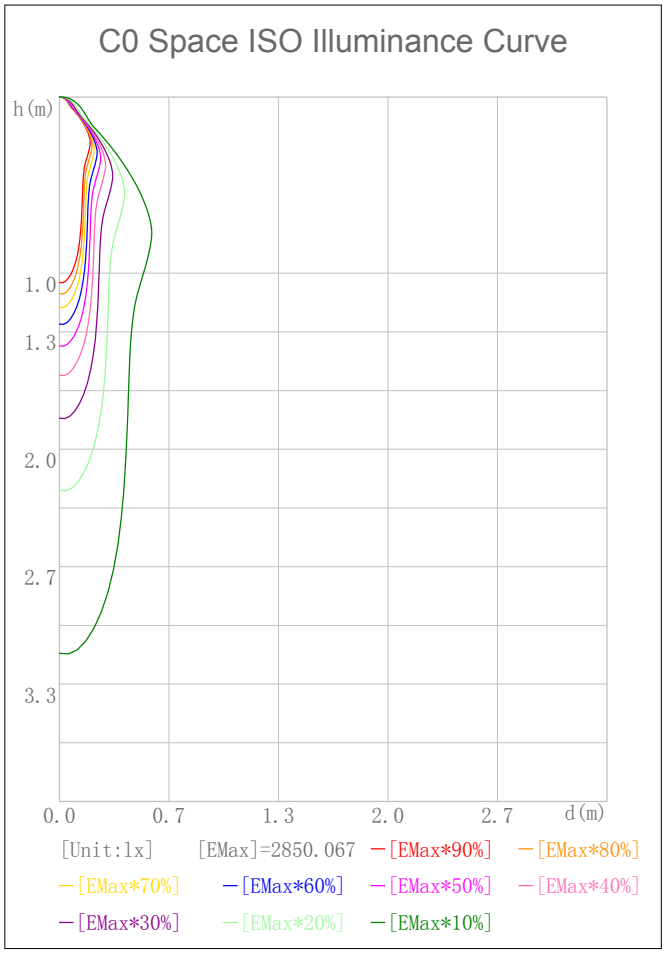
Description Information

Luminary Name: HCP-813054 2700K RA90 15D		Lum. Catelog:	Test ID: 01
Lamp Name:		Lamp Catelog: LED	Test Date: 2020/01/08
Manufacture: Havit Commercial		Shld.Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department		Frequency(Hz):	Lamp CCT(K): Ra:
Lum.Size(W*L*H):0.498m*0.498m*0.750m		Lum.Area(m2):0.622	Lum.W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp.(℃): 25	Humidity(%):

Character Parameter

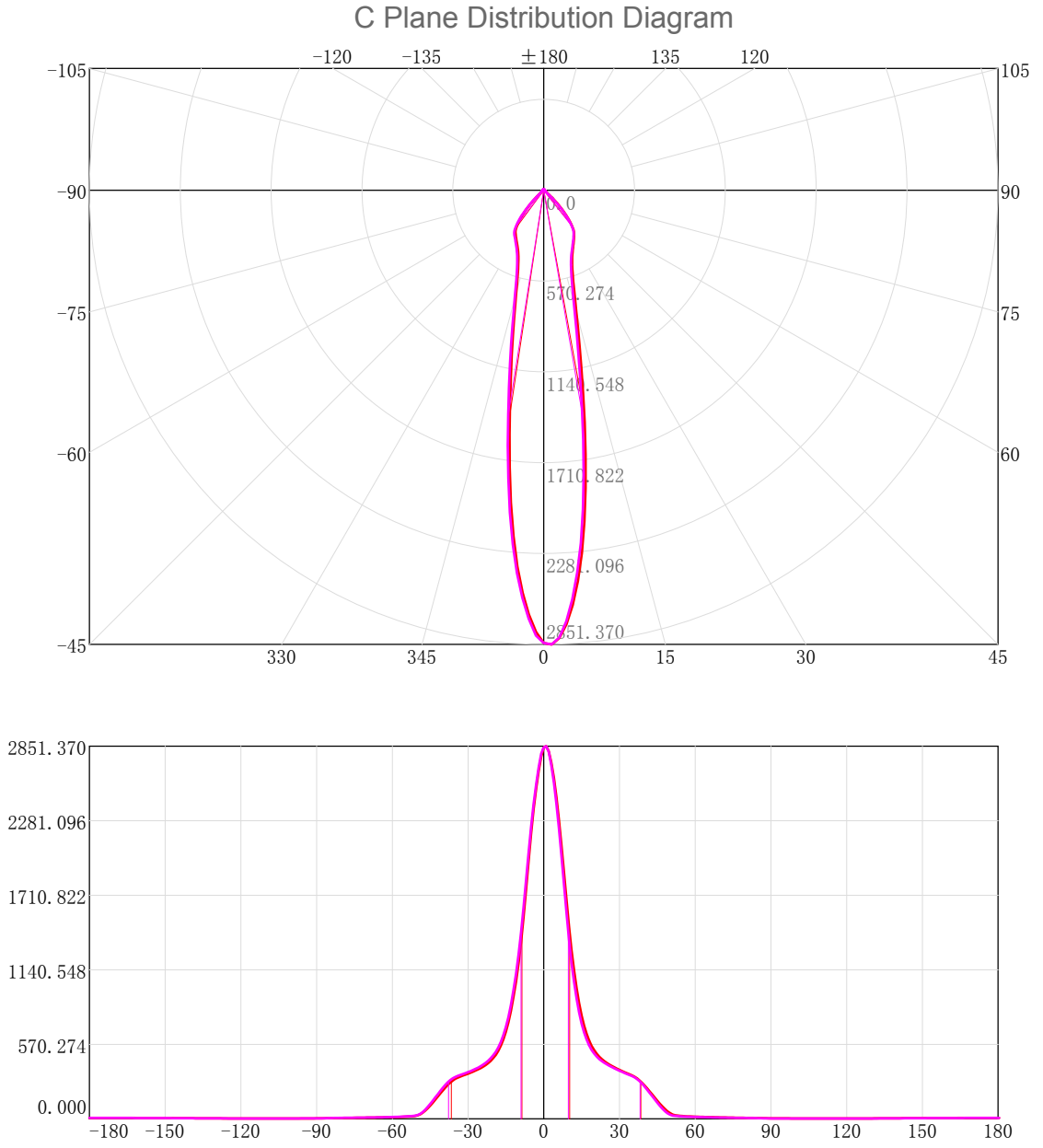
Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 954.250	Luminary Flux(lm): 954.245	Field Angle(10%Imax): 75.0(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 926.851lm 97.13%
Rated Voltage(V):	Luminary EER(lm/W): 91.403	Up Lumens&Percent: 27.395lm 2.87%
Tested Power(W): 10.440	Max.Candela(cd): 2851.370	S/MH: C0_a180=0.323 C90_270=0.321
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics(V,A,pf):34.8,0.299	Beam Angle(50%Imax): 18.9(°)	ErP Φuse(90°): 844.970lm
Lamp Size(W*L*H):0.498m*0.498m*0.750m	Left=-8.6° ,Right=10.3°	IRF(%): 645.945





2D Plane Light Intensity Distribution Curve

Lum.Name: HCP-813054 2700K 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: 2020/01/08

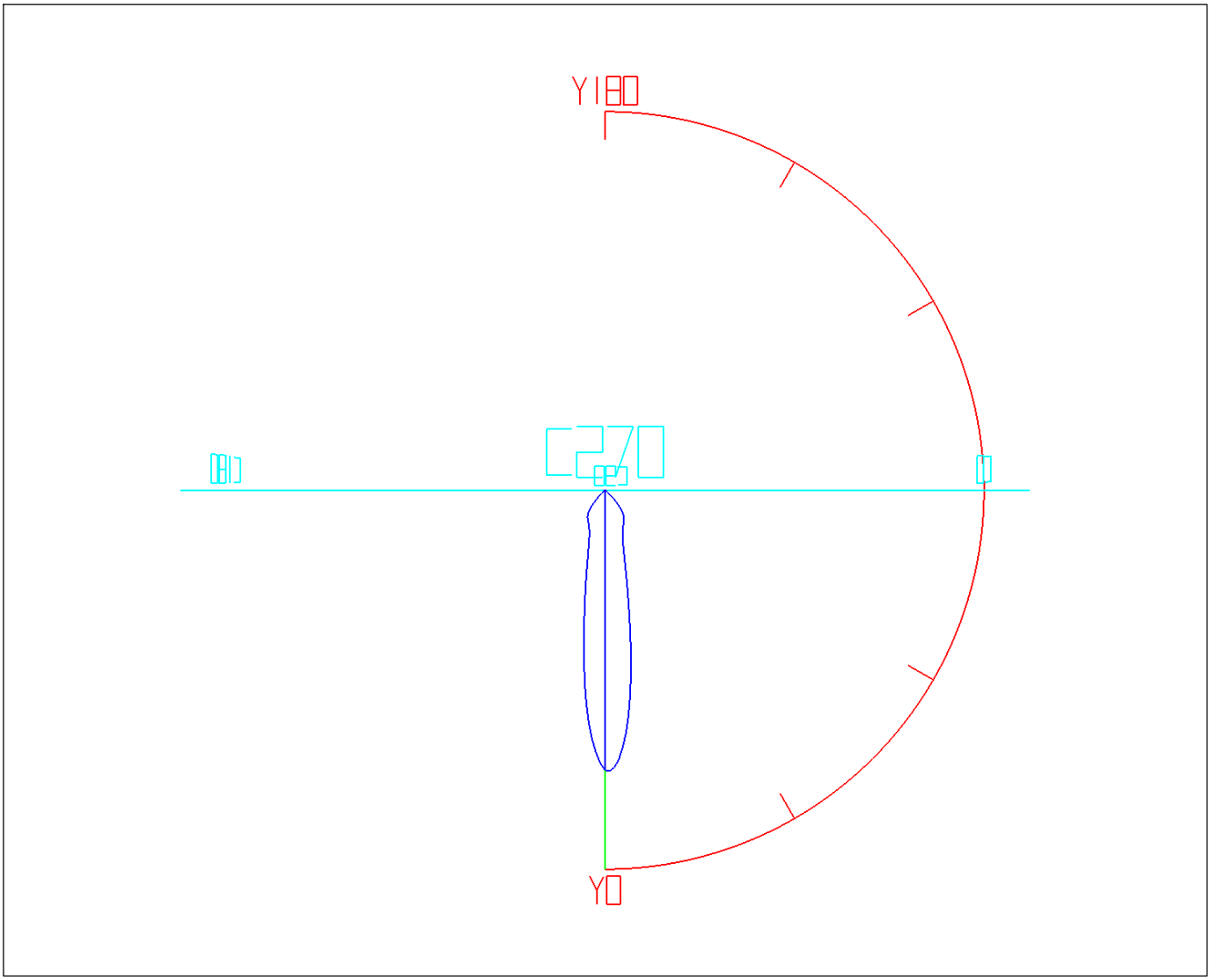


C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
C0.0_180.0 :	18.9	75.0	
C90.0_270.0 :	18.8	75.9	

3D Light Intensity Distribution Modal

Lum.Name: HCP-813054 2700K 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: 2020/01/08

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

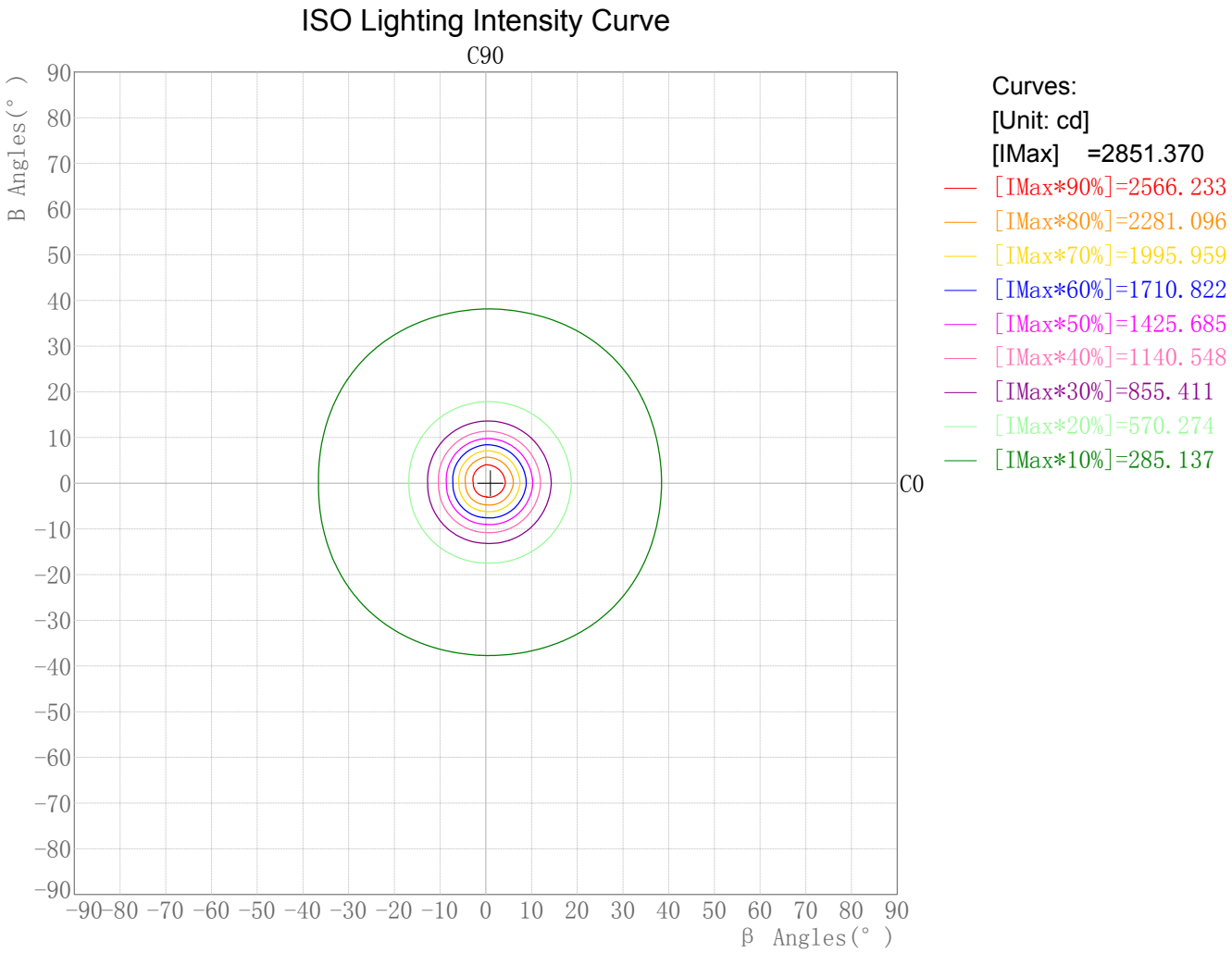
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	2.71	2.71	0.28	0.28	47.0-48.0	5.49	872.12	0.57	91.39
1.0-2.0	7.98	10.69	0.84	1.12	48.0-49.0	4.23	876.35	0.44	91.84
2.0-3.0	12.86	23.55	1.35	2.47	49.0-50.0	3.23	879.58	0.34	92.18
3.0-4.0	17.15	40.69	1.80	4.26	50.0-51.0	2.54	882.13	0.27	92.44
4.0-5.0	20.69	61.39	2.17	6.43	51.0-52.0	2.17	884.30	0.23	92.67
5.0-6.0	23.39	84.78	2.45	8.88	52.0-53.0	1.98	886.28	0.21	92.88
6.0-7.0	25.15	109.93	2.64	11.52	53.0-54.0	1.86	888.14	0.20	93.07
7.0-8.0	26.02	135.95	2.73	14.25	54.0-55.0	1.77	889.91	0.19	93.26
8.0-9.0	26.13	162.08	2.74	16.98	55.0-56.0	1.69	891.60	0.18	93.43
9.0-10.0	25.67	187.75	2.69	19.68	56.0-57.0	1.62	893.22	0.17	93.60
10.0-11.0	24.87	212.62	2.61	22.28	57.0-58.0	1.56	894.78	0.16	93.77
11.0-12.0	23.90	236.52	2.50	24.79	58.0-59.0	1.51	896.29	0.16	93.93
12.0-13.0	22.87	259.39	2.40	27.18	59.0-60.0	1.46	897.75	0.15	94.08
13.0-14.0	21.87	281.26	2.29	29.47	60.0-61.0	1.42	899.17	0.15	94.23
14.0-15.0	20.96	302.22	2.20	31.67	61.0-62.0	1.38	900.55	0.14	94.37
15.0-16.0	20.20	322.42	2.12	33.79	62.0-63.0	1.34	901.89	0.14	94.51
16.0-17.0	19.60	342.02	2.05	35.84	63.0-64.0	1.31	903.20	0.14	94.65
17.0-18.0	19.13	361.15	2.01	37.85	64.0-65.0	1.27	904.47	0.13	94.78
18.0-19.0	18.81	379.96	1.97	39.82	65.0-66.0	1.24	905.71	0.13	94.91
19.0-20.0	18.61	398.58	1.95	41.77	66.0-67.0	1.20	906.91	0.13	95.04
20.0-21.0	18.53	417.10	1.94	43.71	67.0-68.0	1.17	908.08	0.12	95.16
21.0-22.0	18.54	435.64	1.94	45.65	68.0-69.0	1.14	909.23	0.12	95.28
22.0-23.0	18.62	454.26	1.95	47.60	69.0-70.0	1.12	910.34	0.12	95.40
23.0-24.0	18.75	473.01	1.97	49.57	70.0-71.0	1.09	911.43	0.11	95.51
24.0-25.0	18.91	491.93	1.98	51.55	71.0-72.0	1.06	912.49	0.11	95.62
25.0-26.0	19.09	511.02	2.00	53.55	72.0-73.0	1.04	913.53	0.11	95.73
26.0-27.0	19.27	530.29	2.02	55.57	73.0-74.0	1.01	914.54	0.11	95.84
27.0-28.0	19.45	549.74	2.04	57.61	74.0-75.0	0.98	915.53	0.10	95.94
28.0-29.0	19.62	569.36	2.06	59.67	75.0-76.0	0.96	916.48	0.10	96.04
29.0-30.0	19.78	589.14	2.07	61.74	76.0-77.0	0.93	917.42	0.10	96.14
30.0-31.0	19.93	609.07	2.09	63.83	77.0-78.0	0.91	918.32	0.10	96.23
31.0-32.0	20.07	629.14	2.10	65.93	78.0-79.0	0.88	919.21	0.09	96.33
32.0-33.0	20.19	649.33	2.12	68.05	79.0-80.0	0.87	920.07	0.09	96.42
33.0-34.0	20.27	669.60	2.12	70.17	80.0-81.0	0.85	920.92	0.09	96.51
34.0-35.0	20.28	689.88	2.13	72.30	81.0-82.0	0.83	921.75	0.09	96.59
35.0-36.0	20.17	710.05	2.11	74.41	82.0-83.0	0.80	922.55	0.08	96.68
36.0-37.0	19.86	729.91	2.08	76.49	83.0-84.0	0.76	923.31	0.08	96.76
37.0-38.0	19.29	749.20	2.02	78.51	84.0-85.0	0.72	924.04	0.08	96.83
38.0-39.0	18.47	767.67	1.94	80.45	85.0-86.0	0.67	924.71	0.07	96.90
39.0-40.0	17.44	785.12	1.83	82.28	86.0-87.0	0.61	925.32	0.06	96.97
40.0-41.0	16.22	801.34	1.70	83.98	87.0-88.0	0.55	925.87	0.06	97.03
41.0-42.0	14.83	816.16	1.55	85.53	88.0-89.0	0.50	926.37	0.05	97.08
42.0-43.0	13.30	829.46	1.39	86.92	89.0-90.0	0.48	926.85	0.05	97.13
43.0-44.0	11.70	841.17	1.23	88.15	90.0-91.0	0.46	927.31	0.05	97.18
44.0-45.0	10.08	851.24	1.06	89.21	91.0-92.0	0.45	927.77	0.05	97.22
45.0-46.0	8.47	859.71	0.89	90.09	92.0-93.0	0.44	928.21	0.05	97.27
46.0-47.0	6.92	866.63	0.73	90.82	93.0-94.0	0.43	928.64	0.05	97.32

Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.42	929.06	0.04	97.36
95.0-96.0	0.41	929.48	0.04	97.40
96.0-97.0	0.40	929.88	0.04	97.45
97.0-98.0	0.40	930.28	0.04	97.49
98.0-99.0	0.39	930.67	0.04	97.53
99.0-100.0	0.38	931.05	0.04	97.57
100.0-101.0	0.38	931.43	0.04	97.61
101.0-102.0	0.37	931.80	0.04	97.65
102.0-103.0	0.37	932.16	0.04	97.69
103.0-104.0	0.36	932.52	0.04	97.72
104.0-105.0	0.36	932.88	0.04	97.76
105.0-106.0	0.35	933.24	0.04	97.80
106.0-107.0	0.35	933.59	0.04	97.83
107.0-108.0	0.35	933.93	0.04	97.87
108.0-109.0	0.35	934.28	0.04	97.91
109.0-110.0	0.34	934.62	0.04	97.94
110.0-111.0	0.34	934.96	0.04	97.98
111.0-112.0	0.34	935.30	0.04	98.01
112.0-113.0	0.34	935.64	0.04	98.05
113.0-114.0	0.34	935.98	0.04	98.09
114.0-115.0	0.34	936.31	0.04	98.12
115.0-116.0	0.33	936.65	0.03	98.16
116.0-117.0	0.33	936.98	0.03	98.19
117.0-118.0	0.33	937.31	0.03	98.22
118.0-119.0	0.33	937.64	0.03	98.26
119.0-120.0	0.33	937.97	0.03	98.29
120.0-121.0	0.33	938.30	0.03	98.33
121.0-122.0	0.33	938.63	0.03	98.36
122.0-123.0	0.33	938.96	0.03	98.40
123.0-124.0	0.33	939.29	0.03	98.43
124.0-125.0	0.33	939.62	0.03	98.47
125.0-126.0	0.33	939.95	0.03	98.50
126.0-127.0	0.33	940.29	0.03	98.54
127.0-128.0	0.33	940.62	0.03	98.57
128.0-129.0	0.33	940.95	0.03	98.61
129.0-130.0	0.33	941.28	0.04	98.64
130.0-131.0	0.34	941.62	0.04	98.68
131.0-132.0	0.34	941.96	0.04	98.71
132.0-133.0	0.34	942.30	0.04	98.75
133.0-134.0	0.34	942.64	0.04	98.78
134.0-135.0	0.34	942.98	0.04	98.82
135.0-136.0	0.35	943.33	0.04	98.86
136.0-137.0	0.35	943.68	0.04	98.89
137.0-138.0	0.35	944.03	0.04	98.93
138.0-139.0	0.35	944.39	0.04	98.97
139.0-140.0	0.36	944.74	0.04	99.00
140.0-141.0	0.36	945.10	0.04	99.04
141.0-142.0	0.36	945.46	0.04	99.08
142.0-143.0	0.36	945.82	0.04	99.12
143.0-144.0	0.36	946.18	0.04	99.15
144.0-145.0	0.36	946.55	0.04	99.19
145.0-146.0	0.36	946.91	0.04	99.23
146.0-147.0	0.36	947.27	0.04	99.27
147.0-148.0	0.36	947.62	0.04	99.31
148.0-149.0	0.35	947.97	0.04	99.34
149.0-150.0	0.35	948.32	0.04	99.38
150.0-151.0	0.34	948.67	0.04	99.41
151.0-152.0	0.34	949.00	0.04	99.45
152.0-153.0	0.33	949.33	0.03	99.48
153.0-154.0	0.32	949.66	0.03	99.52
154.0-155.0	0.32	949.97	0.03	99.55
155.0-156.0	0.31	950.28	0.03	99.58
156.0-157.0	0.30	950.58	0.03	99.62
157.0-158.0	0.29	950.87	0.03	99.65
158.0-159.0	0.28	951.15	0.03	99.68
159.0-160.0	0.27	951.42	0.03	99.70
160.0-161.0	0.26	951.68	0.03	99.73
161.0-162.0	0.25	951.93	0.03	99.76
162.0-163.0	0.24	952.17	0.03	99.78
163.0-164.0	0.23	952.40	0.02	99.81
164.0-165.0	0.22	952.62	0.02	99.83
165.0-166.0	0.20	952.82	0.02	99.85
166.0-167.0	0.19	953.01	0.02	99.87
167.0-168.0	0.18	953.19	0.02	99.89
168.0-169.0	0.17	953.36	0.02	99.91
169.0-170.0	0.15	953.51	0.02	99.92
170.0-171.0	0.14	953.65	0.01	99.94
171.0-172.0	0.12	953.77	0.01	99.95
172.0-173.0	0.11	953.88	0.01	99.96
173.0-174.0	0.10	953.98	0.01	99.97
174.0-175.0	0.08	954.06	0.01	99.98
175.0-176.0	0.07	954.13	0.01	99.99
176.0-177.0	0.05	954.18	0.01	99.99
177.0-178.0	0.04	954.22	0.00	100.00
178.0-179.0	0.02	954.24	0.00	100.00
179.0-180.0	0.01	954.25	0.00	100.00

Rectangle ISO Lighting Intensity Diagram

Lum.Name: HCP-813054 2700K 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: 2020/01/08

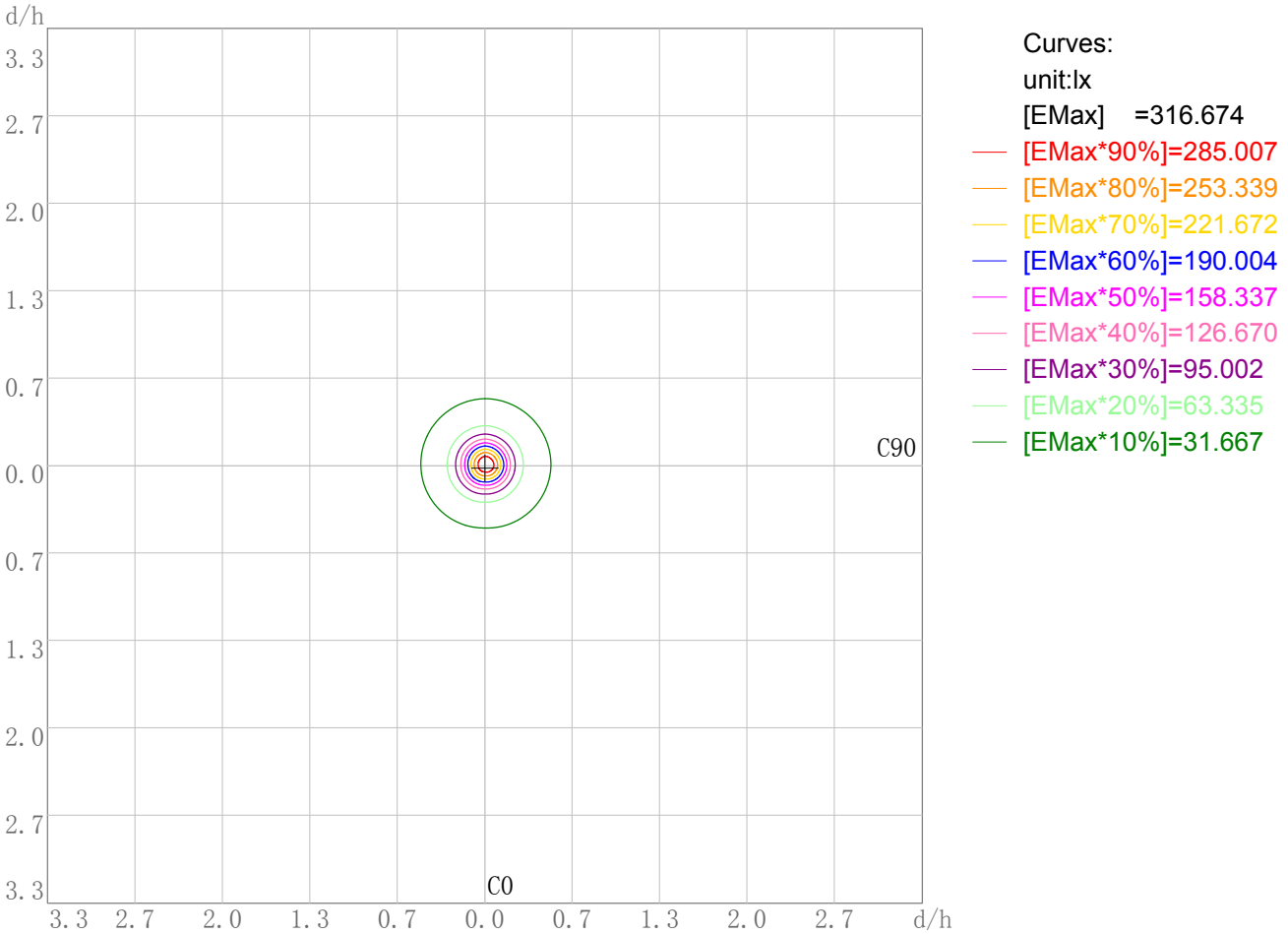


Maximum Light Intensity(cd): 2851.37
Maximum Cand.@Angle: H=1.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum.Name: HCP-813054 2700K 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: 2020/01/08

Plane ISO-Illuminance Curve

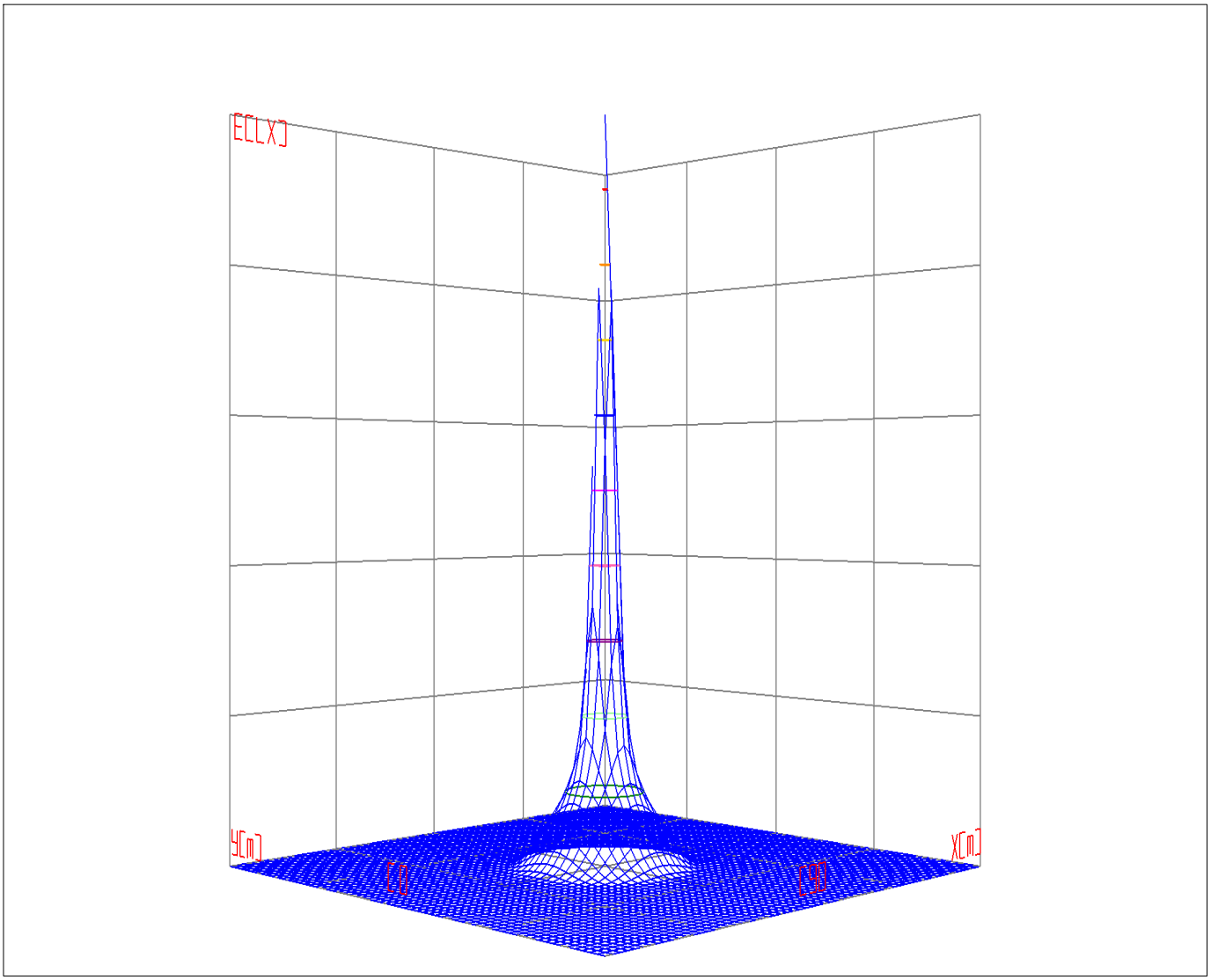


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 316.67
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum.Name: HCP-813054 2700K 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: 2020/01/08

3D Plane Illuminance Modal

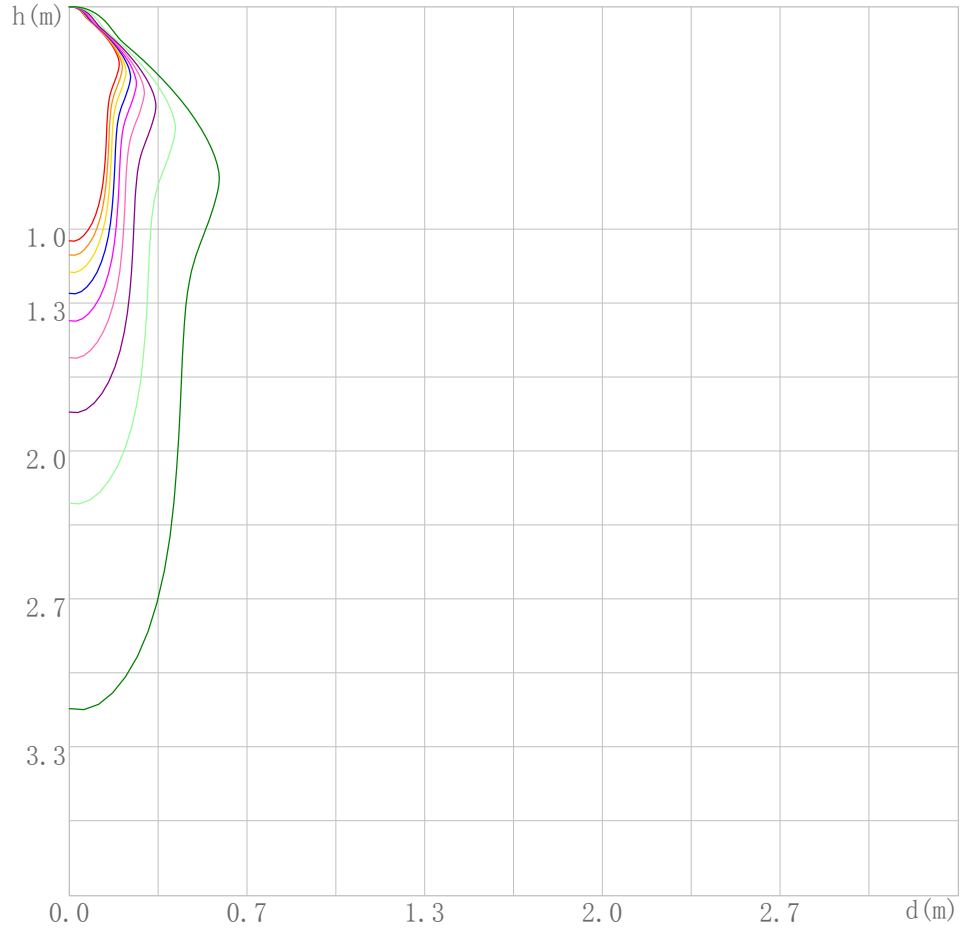


Curves: 3D Model 90% 80% 70% 60% 50% 40% 30% 20% 10%
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum.Name: HCP-813054 2700K 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: 2020/01/08

Space ISO Illuminance Curve

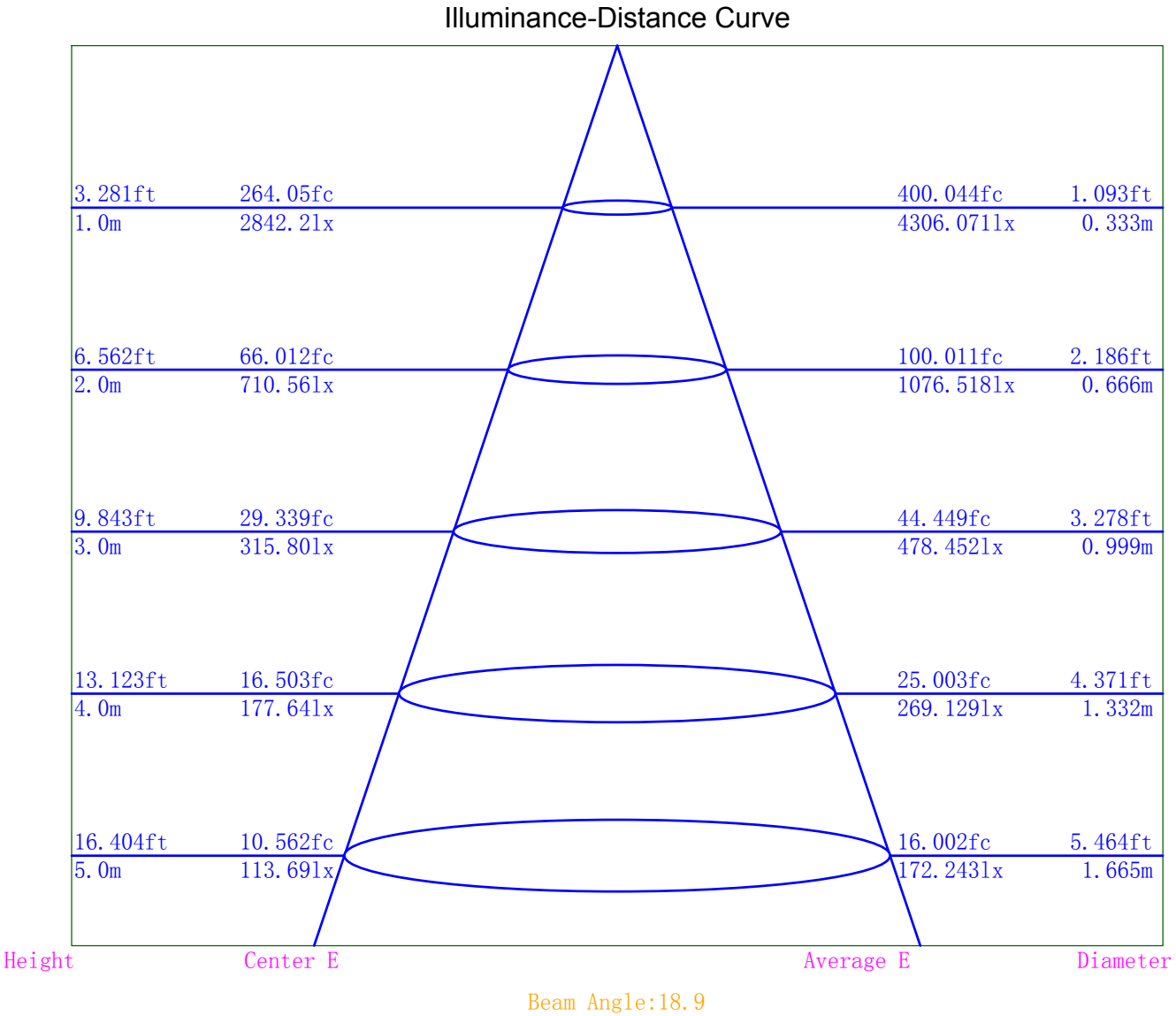


Curves:
[Unit: lx]
[EMax] =2850.067
[EMax*90%]=2565.061
[EMax*80%]=2280.054
[EMax*70%]=1995.047
[EMax*60%]=1710.040
[EMax*50%]=1425.034
[EMax*40%]=1140.027
[EMax*30%]=855.020
[EMax*20%]=570.013
[EMax*10%]=285.007

Space Plane Maximum Illuminance and @Angle:2850.07lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:2851.370cd,0eg

Illuminance-Distance Diagram

Lum.Name: HCP-813054 2700K 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: 2020/01/08



Beam Angle:18.9

Indoor Luminance Limiting Curves

Lum.Name: HCP-813054 2700K 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: 2020/01/08

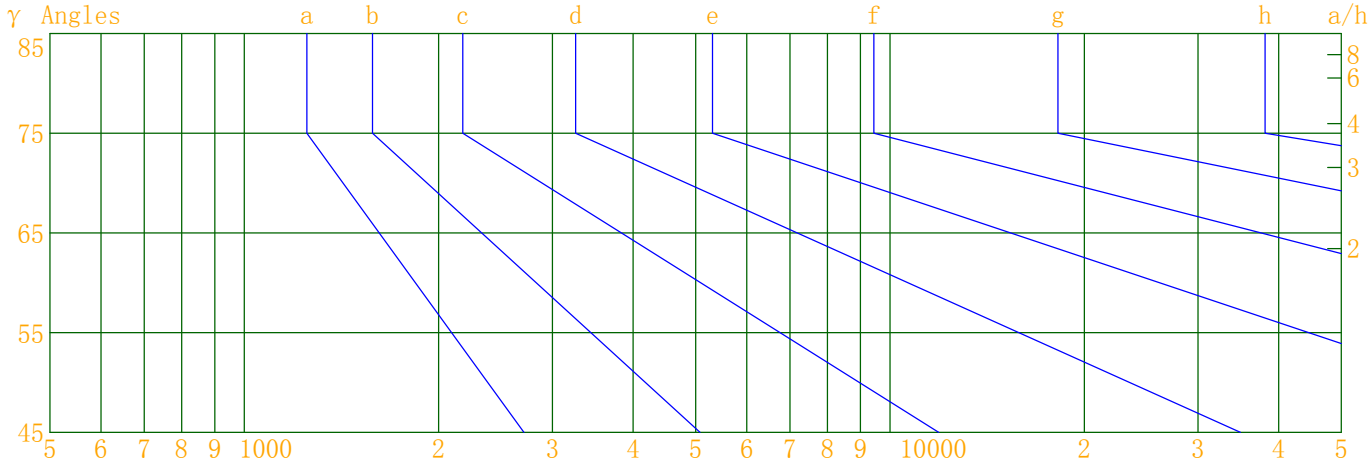
Glare Grade Table

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	316	112	62	55	54	55	61	77	128
C90	282	82	54	49	48	49	54	69	113

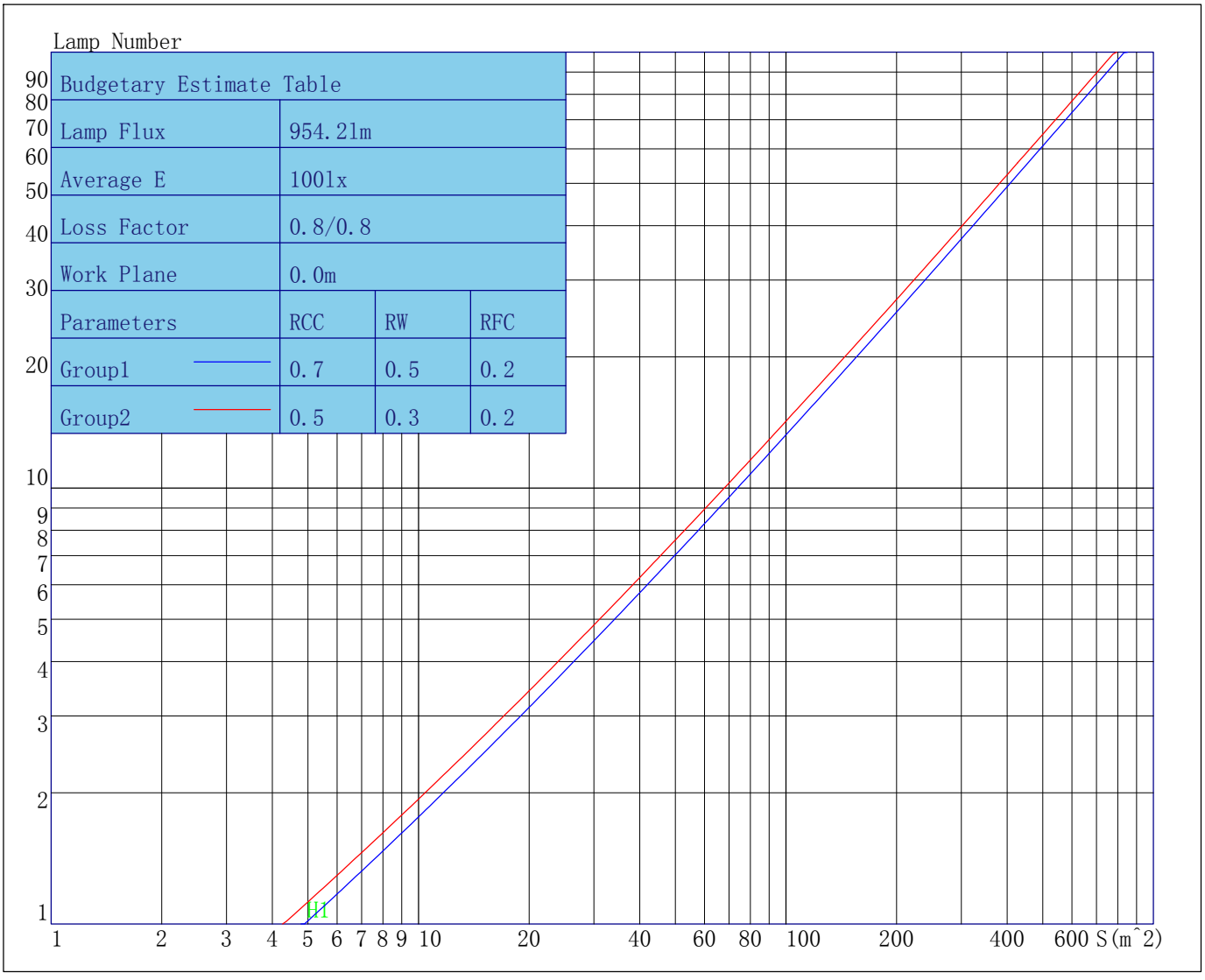
Luminance Limiting Curve



Luminous Size: Length(m)=0.498 Width(m)=0.498 Height(m)=0.750 Area(m^2)=0.621504
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table

Lum.Name: HCP-813054 2700K 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: 2020/01/08



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: HCP-813054 2700K 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: 2020/01/08

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	115	115	115	115	110	110	110	104	104	104	99	99	99	97
1	112	109	107	104	109	107	104	102	102	100	99	98	97	95	94	93	92	90
2	106	101	97	93	104	99	95	92	96	92	90	92	90	87	89	87	85	83
3	101	94	89	85	99	93	88	84	90	86	82	87	83	81	84	81	79	77
4	96	88	82	78	94	87	81	77	84	80	76	82	78	75	80	76	74	72
5	91	82	76	72	89	81	76	72	79	74	71	77	73	70	75	72	69	67
6	87	77	71	67	85	77	71	67	75	70	66	73	69	65	71	68	65	63
7	82	73	67	63	81	72	67	63	71	66	62	69	65	61	68	64	61	60
8	79	69	63	59	77	68	63	59	67	62	58	66	61	58	65	61	58	56
9	75	66	60	56	74	65	59	56	64	59	55	63	58	55	62	58	55	53
10	72	62	57	53	71	62	56	53	61	56	53	60	55	52	59	55	52	51

Unified Glare Rating Table

Lum.Name: HCP-813054 2700K 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: 2020/01/08

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	3.8	4.9	4.2	5.2	5.6	3.5	4.5	3.9	4.9	5.3
	Y=3H	3.8	4.8	4.3	5.2	5.6	3.5	4.4	3.9	4.8	5.3
	Y=4H	3.9	4.8	4.4	5.2	5.7	3.5	4.4	4.0	4.8	5.3
	Y=6H	4.1	4.9	4.5	5.3	5.8	3.7	4.5	4.1	4.9	5.4
	Y=8H	4.2	4.9	4.7	5.4	5.9	3.8	4.5	4.3	5.0	5.5
	Y=12H	4.4	5.1	4.8	5.5	6.0	3.9	4.6	4.4	5.1	5.6
X=4H	Y=2H	3.6	4.5	4.1	4.9	5.4	3.3	4.2	3.7	4.6	5.0
	Y=3H	3.7	4.5	4.2	4.9	5.4	3.4	4.1	3.9	4.6	5.0
	Y=4H	3.9	4.5	4.4	5.0	5.5	3.5	4.2	4.0	4.6	5.2
	Y=6H	4.2	4.8	4.7	5.3	5.8	3.8	4.3	4.3	4.8	5.4
	Y=8H	4.4	4.9	4.9	5.4	6.0	4.0	4.5	4.5	5.0	5.5
	Y=12H	4.7	5.2	5.3	5.7	6.3	4.2	4.7	4.8	5.2	5.8
X=8H	Y=4H	3.9	4.4	4.4	4.9	5.5	3.5	4.0	4.0	4.5	5.1
	Y=6H	4.3	4.8	4.9	5.3	5.9	3.9	4.3	4.5	4.9	5.5
	Y=8H	4.7	5.1	5.3	5.6	6.2	4.2	4.6	4.8	5.2	5.7
	Y=12H	5.2	5.5	5.7	6.1	6.7	4.7	5.0	5.2	5.6	6.2
X=12H	Y=4H	3.9	4.3	4.4	4.9	5.4	3.5	3.9	4.0	4.5	5.0
	Y=6H	4.4	4.7	5.0	5.3	5.9	3.9	4.3	4.5	4.8	5.5
	Y=8H	4.8	5.1	5.4	5.7	6.3	4.3	4.7	4.9	5.2	5.9
Variations with the objerver position at spacings											
S=1.0H		0.1/-0.1					0.1/-0.1				
S=1.5H		0.2/-0.2					0.2/-0.2				
S=2.0H		0.2/-0.2					0.2/-0.2				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		1.3					1.3				

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	2842.23	2842.23	2842.23	2842.23
γ 1.0	2851.37	2851.20	2773.00	2795.03
γ 2.0	2812.37	2808.53	2664.46	2690.77
γ 3.0	2728.60	2709.77	2530.27	2561.41
γ 4.0	2609.11	2572.83	2368.25	2407.80
γ 5.0	2462.48	2410.46	2180.32	2230.98
γ 6.0	2289.54	2226.05	1970.14	2032.72
γ 7.0	2094.70	2017.14	1752.94	1824.44
γ 8.0	1889.78	1799.81	1544.48	1618.32
γ 9.0	1681.58	1583.70	1353.94	1425.44
γ 10.0	1478.42	1378.19	1190.18	1256.14
γ 11.0	1294.76	1196.95	1050.52	1109.44
γ 12.0	1135.47	1046.76	929.68	981.45
γ 13.0	1000.40	920.84	825.43	869.99
γ 14.0	886.00	814.98	738.26	777.91
γ 15.0	790.75	729.56	667.12	702.70
γ 16.0	713.86	661.56	608.71	640.80
γ 17.0	651.00	607.28	560.92	589.55
γ 18.0	599.68	563.07	522.25	547.95
γ 19.0	558.44	527.86	490.76	514.42
γ 20.0	524.85	499.40	465.34	486.93
γ 21.0	497.61	476.56	444.35	464.09
γ 22.0	475.86	458.09	427.41	445.54
γ 23.0	457.63	442.99	412.89	429.56
γ 24.0	441.93	429.50	400.56	415.86
γ 25.0	428.47	418.04	389.38	403.45
γ 26.0	416.32	406.78	379.72	392.73
γ 27.0	405.14	396.62	370.53	382.99
γ 28.0	394.80	386.97	362.01	373.74
γ 29.0	384.78	377.68	354.14	365.56
γ 30.0	375.36	368.77	346.55	357.92
γ 31.0	366.44	360.13	339.35	350.84
γ 32.0	357.71	351.91	331.98	343.94
γ 33.0	349.27	343.75	325.06	337.10
γ 34.0	340.93	335.73	316.86	330.19
γ 35.0	332.37	327.45	307.28	321.70
γ 36.0	322.50	317.57	294.35	311.01
γ 37.0	309.79	304.31	278.54	297.15
γ 38.0	293.35	288.16	259.97	280.09
γ 39.0	274.82	268.88	239.59	260.20
γ 40.0	254.41	247.34	217.57	237.87
γ 41.0	232.77	223.66	194.51	213.80
γ 42.0	209.71	198.28	170.85	188.65
γ 43.0	186.18	173.07	146.84	162.95
γ 44.0	162.40	148.21	123.33	137.38
γ 45.0	138.99	123.84	101.25	113.30
γ 46.0	116.37	100.65	81.01	90.78

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	95.44	78.96	62.87	70.05
γ 48.0	76.12	59.38	47.58	52.39
γ 49.0	59.04	44.00	35.17	38.59
γ 50.0	44.57	32.89	26.57	29.38
γ 51.0	33.69	26.32	22.25	24.92
γ 52.0	27.90	23.79	20.38	22.80
γ 53.0	25.41	22.00	18.93	21.14
γ 54.0	23.58	20.55	17.72	19.76
γ 55.0	22.02	19.27	16.77	18.71
γ 56.0	20.77	18.30	15.88	17.68
γ 57.0	19.68	17.34	15.17	16.91
γ 58.0	18.69	16.56	14.48	16.09
γ 59.0	17.89	15.84	13.93	15.49
γ 60.0	17.08	15.24	13.41	14.91
γ 61.0	16.44	14.67	12.93	14.37
γ 62.0	15.83	14.13	12.47	13.85
γ 63.0	15.23	13.59	12.03	13.35
γ 64.0	14.66	13.07	11.64	12.91
γ 65.0	14.13	12.58	11.26	12.48
γ 66.0	13.62	12.10	10.91	12.07
γ 67.0	13.11	11.65	10.60	11.70
γ 68.0	12.64	11.21	10.31	11.36
γ 69.0	12.18	10.80	10.05	11.06
γ 70.0	11.76	10.41	9.80	10.80
γ 71.0	11.34	10.05	9.57	10.54
γ 72.0	10.95	9.69	9.34	10.29
γ 73.0	10.57	9.35	9.10	10.04
γ 74.0	10.20	9.02	8.85	9.78
γ 75.0	9.84	8.69	8.62	9.53
γ 76.0	9.49	8.37	8.37	9.28
γ 77.0	9.15	8.08	8.14	9.02
γ 78.0	8.83	7.81	7.95	8.79
γ 79.0	8.55	7.58	7.81	8.55
γ 80.0	8.35	7.42	7.64	8.40
γ 81.0	8.13	7.28	7.49	8.11
γ 82.0	7.86	7.09	7.08	7.96
γ 83.0	7.74	6.73	6.78	7.59
γ 84.0	7.25	6.42	6.43	7.22
γ 85.0	6.94	6.11	5.90	6.80
γ 86.0	6.55	5.59	5.24	6.15
γ 87.0	5.98	4.96	4.69	5.56
γ 88.0	5.39	4.41	4.18	4.99
γ 89.0	4.80	3.97	4.06	4.78
γ 90.0	4.64	3.86	3.97	4.65
γ 91.0	4.53	3.79	3.87	4.53
γ 92.0	4.41	3.71	3.79	4.41
γ 93.0	4.33	3.63	3.70	4.30

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	4.23	3.56	3.62	4.20
γ 95.0	4.14	3.51	3.55	4.11
γ 96.0	4.07	3.43	3.47	4.01
γ 97.0	3.99	3.38	3.41	3.94
γ 98.0	3.92	3.32	3.35	3.86
γ 99.0	3.85	3.28	3.31	3.80
γ 100.0	3.80	3.24	3.26	3.74
γ 101.0	3.75	3.20	3.24	3.70
γ 102.0	3.70	3.18	3.21	3.66
γ 103.0	3.66	3.15	3.18	3.62
γ 104.0	3.63	3.13	3.17	3.58
γ 105.0	3.60	3.11	3.16	3.56
γ 106.0	3.57	3.12	3.16	3.54
γ 107.0	3.55	3.10	3.15	3.52
γ 108.0	3.53	3.09	3.16	3.51
γ 109.0	3.52	3.09	3.16	3.50
γ 110.0	3.51	3.10	3.19	3.50
γ 111.0	3.48	3.11	3.20	3.51
γ 112.0	3.48	3.11	3.22	3.52
γ 113.0	3.48	3.11	3.24	3.53
γ 114.0	3.47	3.12	3.26	3.55
γ 115.0	3.47	3.13	3.30	3.57
γ 116.0	3.47	3.13	3.34	3.58
γ 117.0	3.47	3.15	3.37	3.61
γ 118.0	3.48	3.16	3.41	3.64
γ 119.0	3.49	3.19	3.45	3.67
γ 120.0	3.49	3.22	3.50	3.70
γ 121.0	3.51	3.24	3.55	3.75
γ 122.0	3.54	3.28	3.59	3.78
γ 123.0	3.57	3.31	3.65	3.82
γ 124.0	3.60	3.35	3.71	3.87
γ 125.0	3.63	3.40	3.76	3.91
γ 126.0	3.68	3.46	3.82	3.96
γ 127.0	3.73	3.51	3.89	4.01
γ 128.0	3.78	3.58	3.96	4.07
γ 129.0	3.83	3.64	4.04	4.14
γ 130.0	3.90	3.72	4.12	4.21
γ 131.0	3.97	3.79	4.21	4.28
γ 132.0	4.05	3.88	4.31	4.37
γ 133.0	4.13	3.97	4.41	4.46
γ 134.0	4.22	4.08	4.52	4.57
γ 135.0	4.32	4.18	4.64	4.68
γ 136.0	4.41	4.29	4.76	4.79
γ 137.0	4.53	4.41	4.90	4.92
γ 138.0	4.64	4.52	5.03	5.05
γ 139.0	4.76	4.66	5.17	5.18
γ 140.0	4.89	4.78	5.32	5.31

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	5.01	4.93	5.45	5.46
γ 142.0	5.15	5.07	5.60	5.59
γ 143.0	5.27	5.19	5.73	5.73
γ 144.0	5.41	5.33	5.87	5.86
γ 145.0	5.54	5.47	5.99	5.98
γ 146.0	5.69	5.61	6.11	6.09
γ 147.0	5.81	5.73	6.23	6.20
γ 148.0	5.93	5.85	6.31	6.30
γ 149.0	6.04	5.98	6.41	6.39
γ 150.0	6.15	6.08	6.50	6.47
γ 151.0	6.26	6.18	6.60	6.56
γ 152.0	6.36	6.27	6.68	6.65
γ 153.0	6.45	6.36	6.76	6.71
γ 154.0	6.54	6.44	6.84	6.78
γ 155.0	6.64	6.53	6.91	6.85
γ 156.0	6.73	6.60	6.99	6.92
γ 157.0	6.81	6.67	7.05	6.98
γ 158.0	6.89	6.75	7.12	7.06
γ 159.0	6.98	6.82	7.20	7.11
γ 160.0	7.05	6.88	7.25	7.16
γ 161.0	7.11	6.96	7.32	7.22
γ 162.0	7.20	7.03	7.38	7.28
γ 163.0	7.26	7.11	7.44	7.33
γ 164.0	7.33	7.18	7.49	7.39
γ 165.0	7.39	7.25	7.55	7.43
γ 166.0	7.46	7.32	7.59	7.49
γ 167.0	7.52	7.38	7.64	7.54
γ 168.0	7.57	7.45	7.68	7.57
γ 169.0	7.62	7.51	7.71	7.61
γ 170.0	7.67	7.56	7.74	7.63
γ 171.0	7.71	7.59	7.75	7.65
γ 172.0	7.73	7.63	7.77	7.67
γ 173.0	7.76	7.66	7.78	7.68
γ 174.0	7.77	7.67	7.77	7.69
γ 175.0	7.78	7.68	7.78	7.70
γ 176.0	7.78	7.69	7.79	7.71
γ 177.0	7.79	7.70	7.80	7.73
γ 178.0	7.80	7.71	7.79	7.74
γ 179.0	7.80	7.72	7.81	7.77
γ 180.0	7.79	7.79	7.79	7.79