Indoor Luminaire Photometric Data

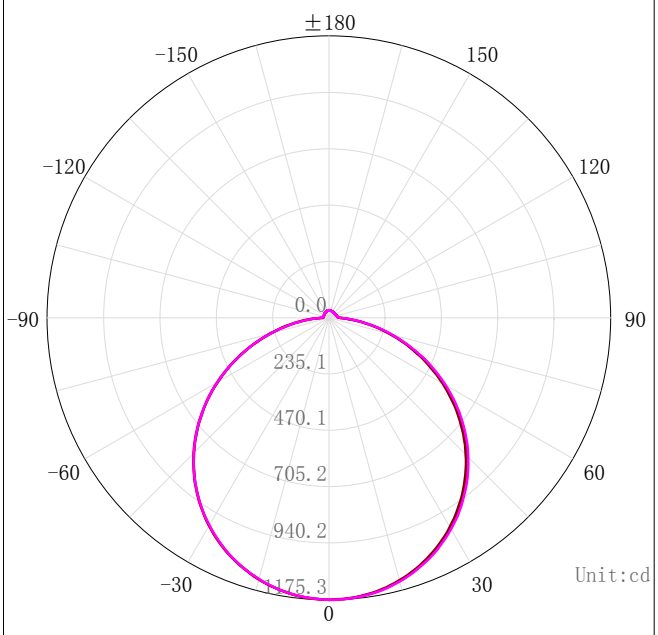
Description Information

Luminary Name: HCP-173400-R		Lum. Catelog:	Test ID: 001
Lamp Name:		Lamp Catelog:	Test Date: 2019/09/27
Manufacture: Havit Commercial		Shld.Ang(°):	Test Machine:GON-2000
Test Lab: Volnic IES		Frequency(Hz):	Lamp CCT(K): Ra:
Lum.Size(W*L*H):0.295m*1.195m*0.000m		Lum.Area(m2):0.353	Lum.W(kg): 1.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp.(℃): 25	Humidity(%): 50.0

Character Parameter

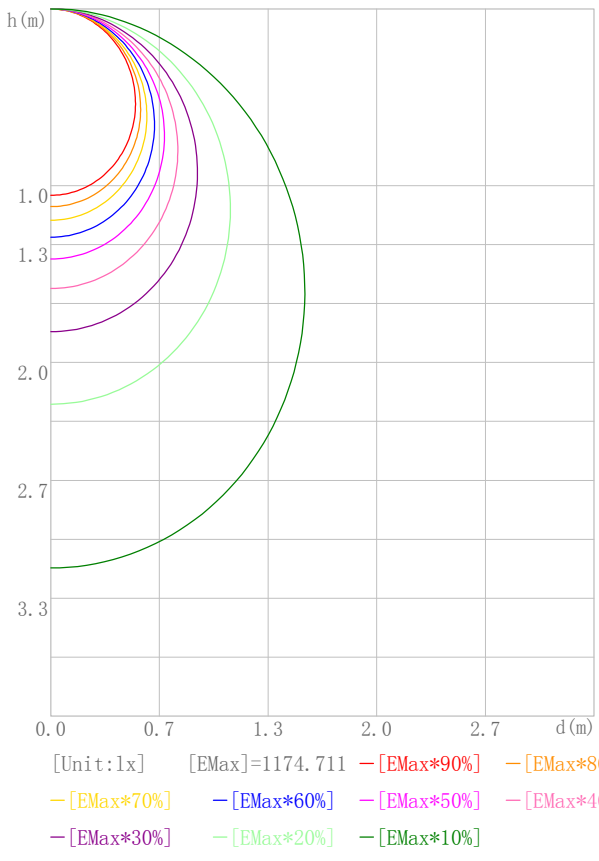
Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 3692.920	Luminary Flux(lm): 3692.923	Field Angle(10%Imax): 166.3(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 3518.596lm 95.28%
Rated Voltage(V):	Luminary EER(lm/W): 95.080	Up Lumens&Percent: 174.327lm 4.72%
Tested Power(W): 38.840	Max.Candela(cd): 1175.282	S/MH: C0_a180=1.268 C90_270=1.274
Lamps' Inside: 1	Max Cand@Ang.(°): C=120.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics(V,A,pf):220.3,0.181,0.970	Beam Angle(50%Imax): 115.6(°)	ErP Φuse(120°): 2699.780lm
Lamp Size(W*L*H):0.295m*1.195m*0.000m	Left=-57.2°,Right=58.4°	IRF(%): 106.466

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
C120.0_300.0:	115.6	166.3
C0.0_180.0 :	114.9	166.4
C90.0_270.0 :	115.8	166.5

C0 Space ISO Illuminance Curve



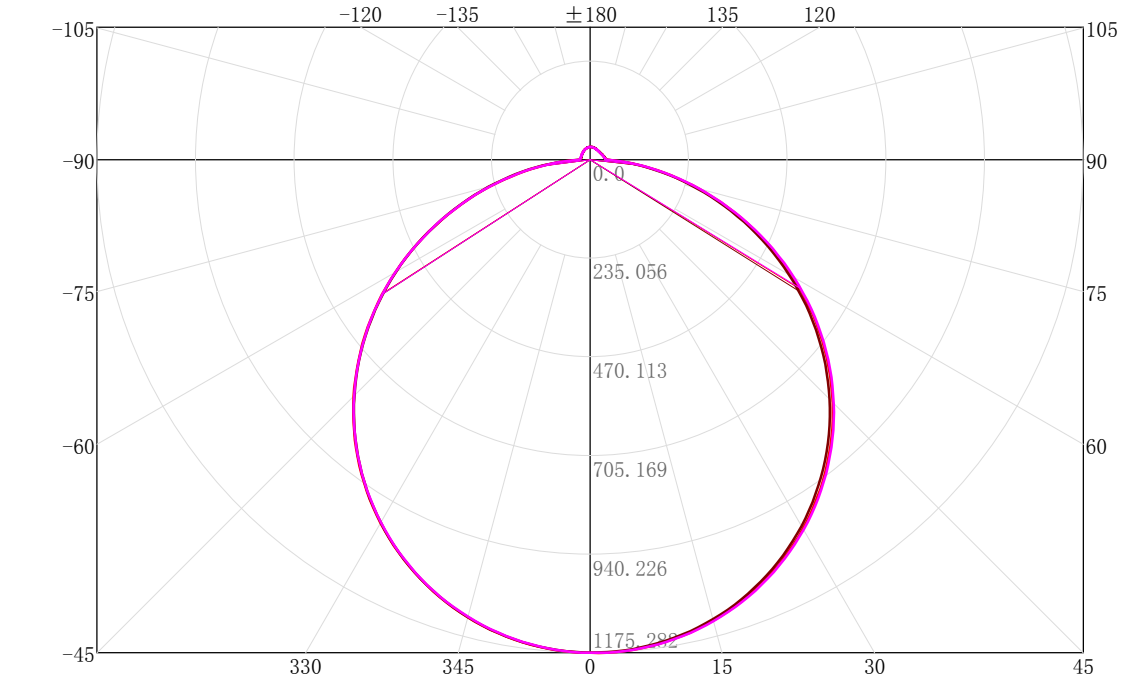
[Unit:lx] [EMax]=1174.711 —[EMax*90%] —[EMax*80%] —[EMax*70%] —[EMax*60%] —[EMax*50%] —[EMax*40%] —[EMax*30%] —[EMax*20%] —[EMax*10%]

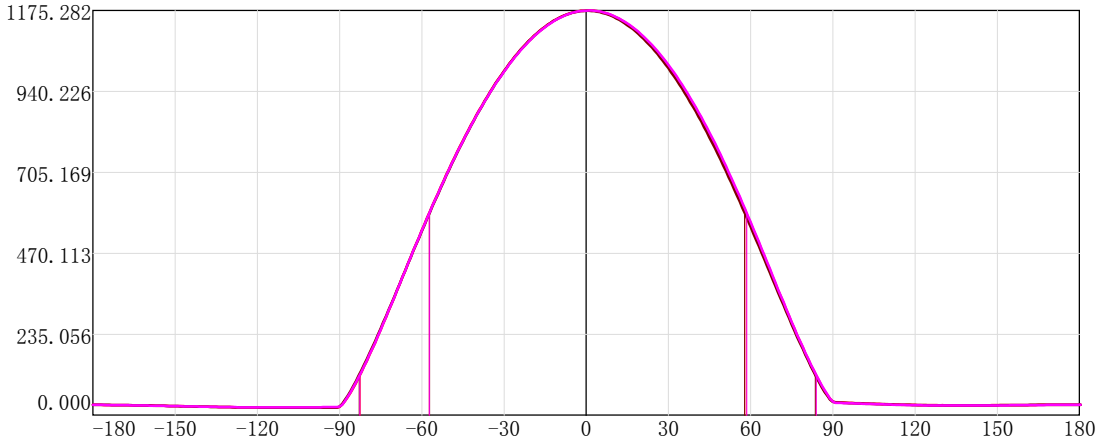
IES Indoor Report
Photometric Filename:HCP-173400-R-5500k.IES

2D Plane Light Intensity Distribution Curve

Lum.Name: HCP-173400-R	Lum.Catelog:	Test ID: 001
Lamp Name:	Lamp Catelog:	Test Lab: Volnic IES
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2019/09/27

C Plane Distribution Diagram



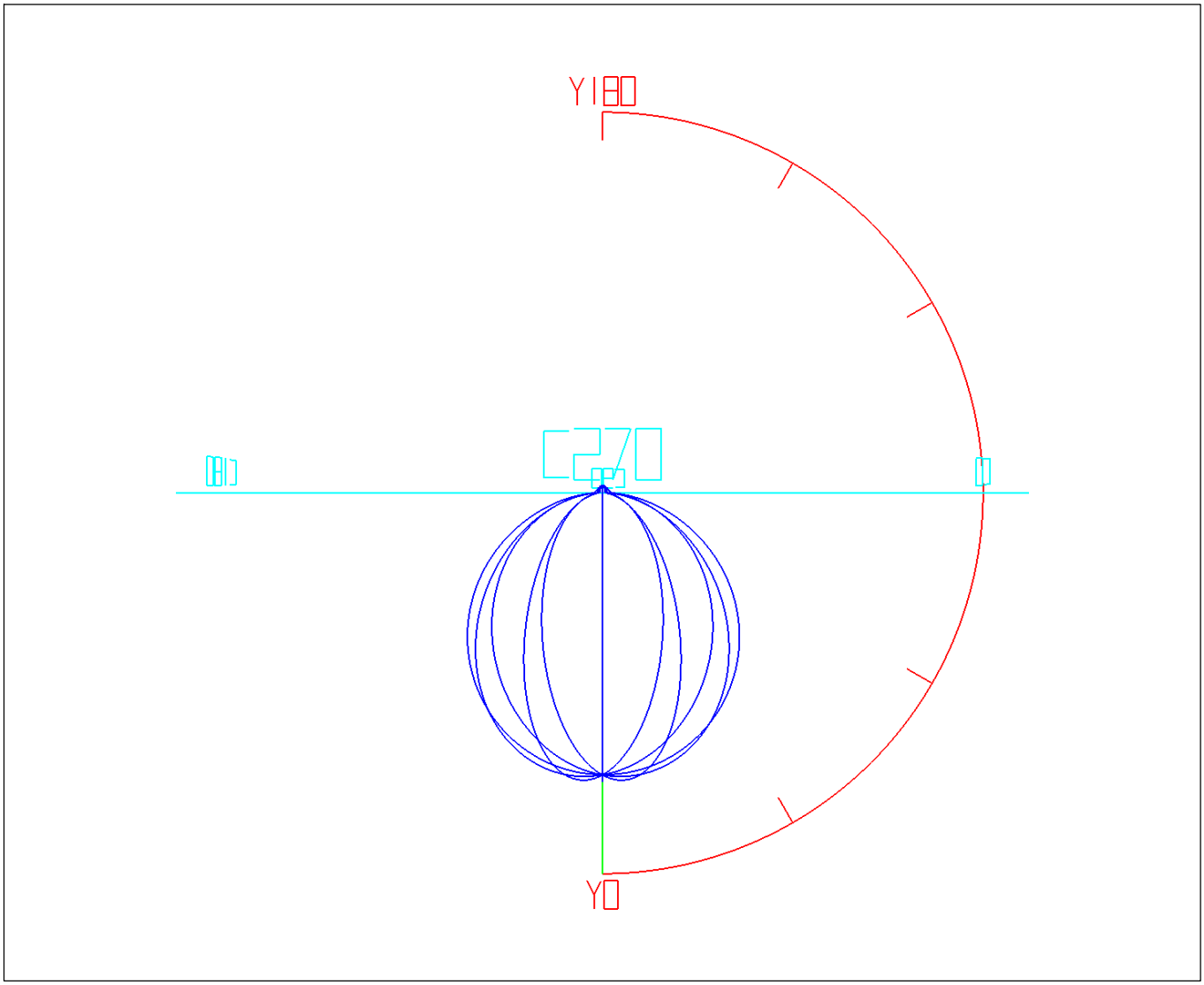


C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
C120.0_300.0:	115.6	166.3	
C0.0_180.0 :	114.9	166.4	
C90.0_270.0 :	115.8	166.5	

3D Light Intensity Distribution Modal

Lum.Name: HCP-173400-R	Lum.Catelog:	Test ID: 001
Lamp Name:	Lamp Catelog:	Test Lab: Volnic IES
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2019/09/27

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

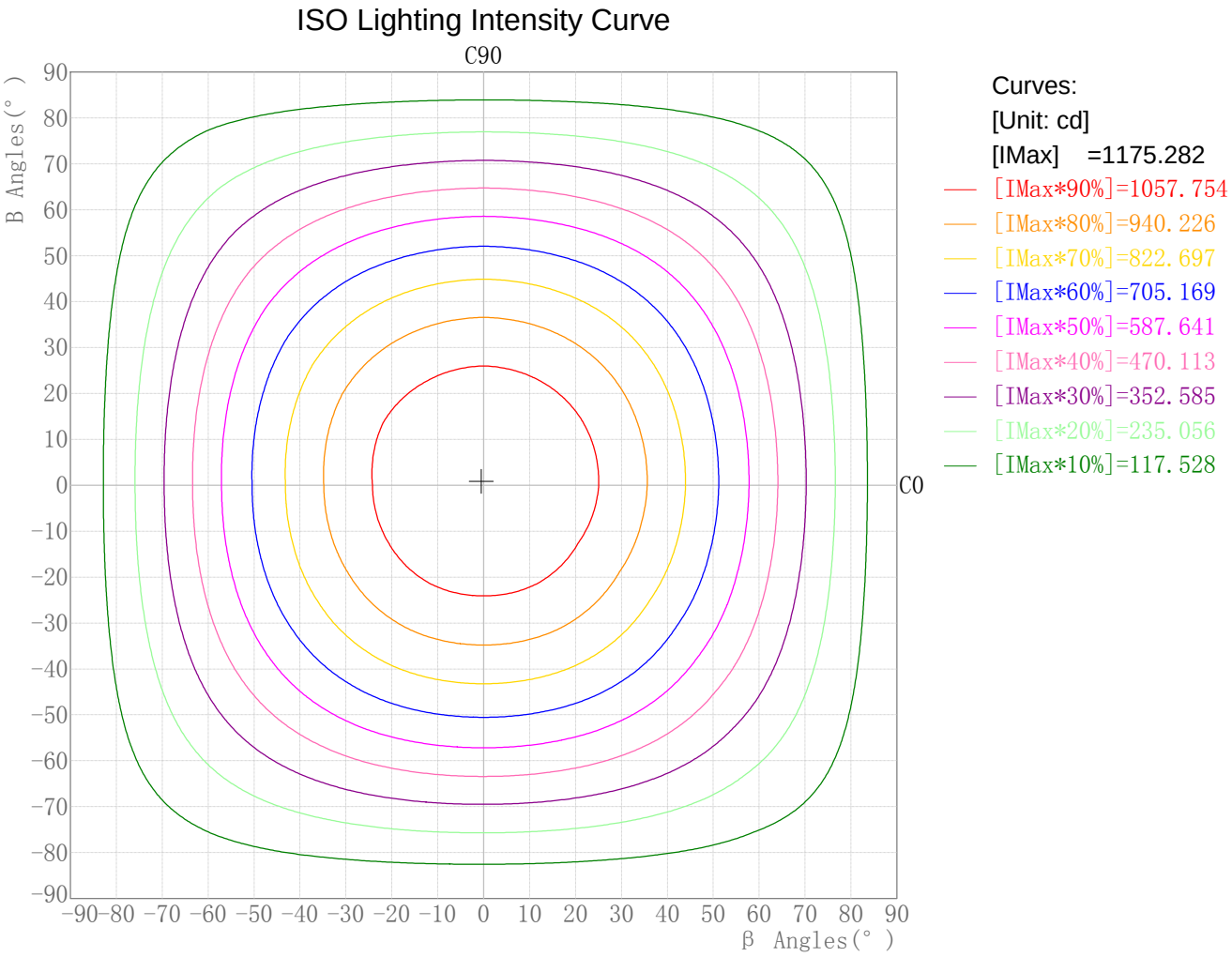
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.12	1.12	0.03	0.03	47.0-48.0	61.83	2007.59	1.67	54.36
1.0-2.0	3.37	4.50	0.09	0.12	48.0-49.0	61.47	2069.05	1.66	56.03
2.0-3.0	5.61	10.11	0.15	0.27	49.0-50.0	61.02	2130.07	1.65	57.68
3.0-4.0	7.85	17.96	0.21	0.49	50.0-51.0	60.49	2190.57	1.64	59.32
4.0-5.0	10.07	28.03	0.27	0.76	51.0-52.0	59.88	2250.45	1.62	60.94
5.0-6.0	12.29	40.32	0.33	1.09	52.0-53.0	59.20	2309.65	1.60	62.54
6.0-7.0	14.48	54.80	0.39	1.48	53.0-54.0	58.44	2368.09	1.58	64.13
7.0-8.0	16.66	71.46	0.45	1.94	54.0-55.0	57.60	2425.69	1.56	65.68
8.0-9.0	18.82	90.28	0.51	2.44	55.0-56.0	56.69	2482.38	1.54	67.22
9.0-10.0	20.95	111.23	0.57	3.01	56.0-57.0	55.70	2538.08	1.51	68.73
10.0-11.0	23.05	134.28	0.62	3.64	57.0-58.0	54.63	2592.71	1.48	70.21
11.0-12.0	25.13	159.41	0.68	4.32	58.0-59.0	53.51	2646.22	1.45	71.66
12.0-13.0	27.17	186.58	0.74	5.05	59.0-60.0	52.31	2698.54	1.42	73.07
13.0-14.0	29.18	215.76	0.79	5.84	60.0-61.0	51.06	2749.59	1.38	74.46
14.0-15.0	31.15	246.91	0.84	6.69	61.0-62.0	49.74	2799.34	1.35	75.80
15.0-16.0	33.08	279.98	0.90	7.58	62.0-63.0	48.36	2847.70	1.31	77.11
16.0-17.0	34.96	314.95	0.95	8.53	63.0-64.0	46.91	2894.60	1.27	78.38
17.0-18.0	36.81	351.75	1.00	9.53	64.0-65.0	45.41	2940.01	1.23	79.61
18.0-19.0	38.60	390.35	1.05	10.57	65.0-66.0	43.87	2983.88	1.19	80.80
19.0-20.0	40.35	430.70	1.09	11.66	66.0-67.0	42.28	3026.16	1.14	81.94
20.0-21.0	42.04	472.74	1.14	12.80	67.0-68.0	40.64	3066.80	1.10	83.05
21.0-22.0	43.68	516.42	1.18	13.98	68.0-69.0	38.96	3105.76	1.05	84.10
22.0-23.0	45.26	561.67	1.23	15.21	69.0-70.0	37.24	3143.00	1.01	85.11
23.0-24.0	46.78	608.46	1.27	16.48	70.0-71.0	35.49	3178.49	0.96	86.07
24.0-25.0	48.25	656.70	1.31	17.78	71.0-72.0	33.72	3212.22	0.91	86.98
25.0-26.0	49.65	706.35	1.34	19.13	72.0-73.0	31.94	3244.15	0.86	87.85
26.0-27.0	50.99	757.34	1.38	20.51	73.0-74.0	30.13	3274.28	0.82	88.66
27.0-28.0	52.25	809.59	1.41	21.92	74.0-75.0	28.31	3302.59	0.77	89.43
28.0-29.0	53.45	863.05	1.45	23.37	75.0-76.0	26.47	3329.06	0.72	90.15
29.0-30.0	54.59	917.64	1.48	24.85	76.0-77.0	24.64	3353.71	0.67	90.81
30.0-31.0	55.65	973.29	1.51	26.36	77.0-78.0	22.82	3376.53	0.62	91.43
31.0-32.0	56.64	1029.93	1.53	27.89	78.0-79.0	21.02	3397.55	0.57	92.00
32.0-33.0	57.55	1087.48	1.56	29.45	79.0-80.0	19.23	3416.78	0.52	92.52
33.0-34.0	58.39	1145.87	1.58	31.03	80.0-81.0	17.45	3434.23	0.47	92.99
34.0-35.0	59.16	1205.03	1.60	32.63	81.0-82.0	15.69	3449.92	0.42	93.42
35.0-36.0	59.85	1264.88	1.62	34.25	82.0-83.0	13.97	3463.90	0.38	93.80
36.0-37.0	60.46	1325.34	1.64	35.89	83.0-84.0	12.30	3476.19	0.33	94.13
37.0-38.0	60.99	1386.33	1.65	37.54	84.0-85.0	10.66	3486.86	0.29	94.42
38.0-39.0	61.44	1447.77	1.66	39.20	85.0-86.0	9.08	3495.94	0.25	94.67
39.0-40.0	61.81	1509.57	1.67	40.88	86.0-87.0	7.57	3503.51	0.21	94.87
40.0-41.0	62.10	1571.67	1.68	42.56	87.0-88.0	6.18	3509.69	0.17	95.04
41.0-42.0	62.30	1633.98	1.69	44.25	88.0-89.0	4.94	3514.63	0.13	95.17
42.0-43.0	62.44	1696.41	1.69	45.94	89.0-90.0	3.97	3518.60	0.11	95.28
43.0-44.0	62.48	1758.90	1.69	47.63	90.0-91.0	3.45	3522.05	0.09	95.37
44.0-45.0	62.44	1821.34	1.69	49.32	91.0-92.0	3.33	3525.38	0.09	95.46
45.0-46.0	62.31	1883.65	1.69	51.01	92.0-93.0	3.29	3528.66	0.09	95.55
46.0-47.0	62.11	1945.76	1.68	52.69	93.0-94.0	3.26	3531.92	0.09	95.64

Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	3.23	3535.15	0.09	95.73
95.0-96.0	3.20	3538.35	0.09	95.81
96.0-97.0	3.17	3541.52	0.09	95.90
97.0-98.0	3.14	3544.66	0.09	95.99
98.0-99.0	3.12	3547.78	0.08	96.07
99.0-100.0	3.09	3550.87	0.08	96.15
100.0-101.0	3.06	3553.94	0.08	96.24
101.0-102.0	3.04	3556.97	0.08	96.32
102.0-103.0	3.01	3559.98	0.08	96.40
103.0-104.0	2.98	3562.96	0.08	96.48
104.0-105.0	2.95	3565.92	0.08	96.56
105.0-106.0	2.93	3568.84	0.08	96.64
106.0-107.0	2.90	3571.74	0.08	96.72
107.0-108.0	2.87	3574.62	0.08	96.80
108.0-109.0	2.85	3577.46	0.08	96.87
109.0-110.0	2.82	3580.28	0.08	96.95
110.0-111.0	2.79	3583.07	0.08	97.03
111.0-112.0	2.76	3585.83	0.07	97.10
112.0-113.0	2.73	3588.56	0.07	97.17
113.0-114.0	2.70	3591.26	0.07	97.25
114.0-115.0	2.67	3593.92	0.07	97.32
115.0-116.0	2.64	3596.56	0.07	97.39
116.0-117.0	2.61	3599.17	0.07	97.46
117.0-118.0	2.58	3601.75	0.07	97.53
118.0-119.0	2.55	3604.30	0.07	97.60
119.0-120.0	2.52	3606.83	0.07	97.67
120.0-121.0	2.50	3609.32	0.07	97.74
121.0-122.0	2.47	3611.79	0.07	97.80
122.0-123.0	2.44	3614.23	0.07	97.87
123.0-124.0	2.41	3616.64	0.07	97.93
124.0-125.0	2.38	3619.02	0.06	98.00
125.0-126.0	2.35	3621.37	0.06	98.06
126.0-127.0	2.32	3623.69	0.06	98.13
127.0-128.0	2.29	3625.98	0.06	98.19
128.0-129.0	2.26	3628.25	0.06	98.25
129.0-130.0	2.23	3630.48	0.06	98.31
130.0-131.0	2.20	3632.68	0.06	98.37
131.0-132.0	2.17	3634.86	0.06	98.43
132.0-133.0	2.14	3637.00	0.06	98.49
133.0-134.0	2.11	3639.11	0.06	98.54
134.0-135.0	2.08	3641.19	0.06	98.60
135.0-136.0	2.05	3643.24	0.06	98.65
136.0-137.0	2.02	3645.26	0.05	98.71
137.0-138.0	1.99	3647.25	0.05	98.76
138.0-139.0	1.95	3649.20	0.05	98.82
139.0-140.0	1.92	3651.12	0.05	98.87
140.0-141.0	1.89	3653.01	0.05	98.92
141.0-142.0	1.85	3654.86	0.05	98.97
142.0-143.0	1.82	3656.68	0.05	99.02
143.0-144.0	1.78	3658.46	0.05	99.07
144.0-145.0	1.75	3660.21	0.05	99.11
145.0-146.0	1.71	3661.92	0.05	99.16
146.0-147.0	1.68	3663.60	0.05	99.21
147.0-148.0	1.64	3665.23	0.04	99.25
148.0-149.0	1.60	3666.83	0.04	99.29
149.0-150.0	1.56	3668.39	0.04	99.34
150.0-151.0	1.52	3669.91	0.04	99.38
151.0-152.0	1.48	3671.39	0.04	99.42
152.0-153.0	1.44	3672.82	0.04	99.46
153.0-154.0	1.39	3674.22	0.04	99.49
154.0-155.0	1.35	3675.57	0.04	99.53
155.0-156.0	1.30	3676.87	0.04	99.57
156.0-157.0	1.26	3678.13	0.03	99.60
157.0-158.0	1.21	3679.35	0.03	99.63
158.0-159.0	1.17	3680.51	0.03	99.66
159.0-160.0	1.12	3681.63	0.03	99.69
160.0-161.0	1.07	3682.71	0.03	99.72
161.0-162.0	1.02	3683.73	0.03	99.75
162.0-163.0	0.97	3684.70	0.03	99.78
163.0-164.0	0.92	3685.62	0.02	99.80
164.0-165.0	0.87	3686.49	0.02	99.83
165.0-166.0	0.82	3687.31	0.02	99.85
166.0-167.0	0.76	3688.07	0.02	99.87
167.0-168.0	0.71	3688.78	0.02	99.89
168.0-169.0	0.66	3689.43	0.02	99.91
169.0-170.0	0.60	3690.03	0.02	99.92
170.0-171.0	0.55	3690.58	0.01	99.94
171.0-172.0	0.49	3691.07	0.01	99.95
172.0-173.0	0.43	3691.50	0.01	99.96
173.0-174.0	0.38	3691.88	0.01	99.97
174.0-175.0	0.32	3692.20	0.01	99.98
175.0-176.0	0.26	3692.46	0.01	99.99
176.0-177.0	0.20	3692.66	0.01	99.99
177.0-178.0	0.15	3692.81	0.00	100.00
178.0-179.0	0.09	3692.89	0.00	100.00
179.0-180.0	0.03	3692.92	0.00	100.00

Rectangle ISO Lighting Intensity Diagram

Lum.Name: HCP-173400-R	Lum.Catelog:	Test ID: 001
Lamp Name:	Lamp Catelog:	Test Lab: Volnic IES
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2019/09/27

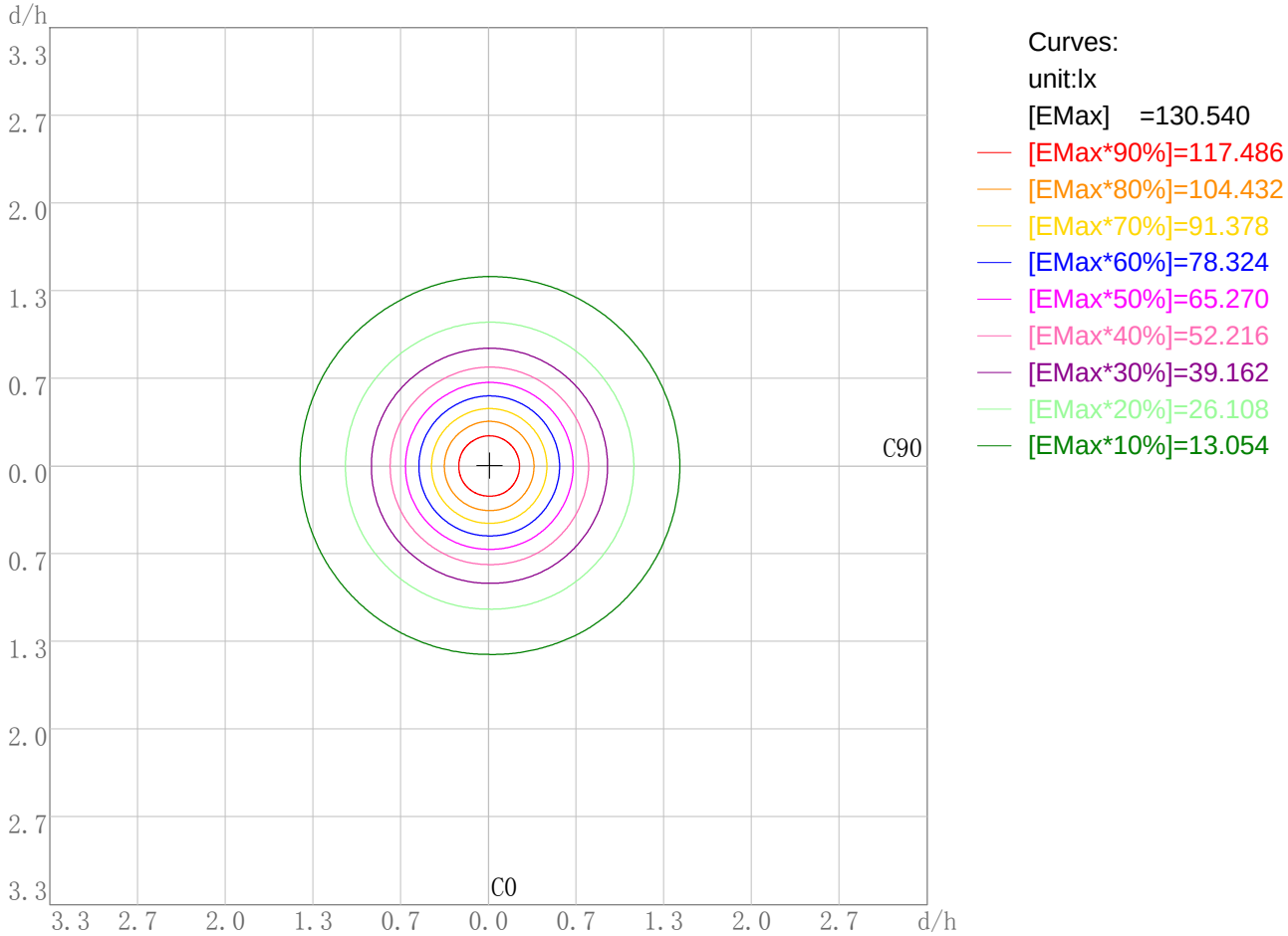


Maximum Light Intensity(cd): 1175.28
Maximum Cand.@Angle: H=-0.5°,V=0.9°

Plane ISO-Illuminance Diagram

Lum.Name: HCP-173400-R	Lum.Catelog:	Test ID: 001
Lamp Name:	Lamp Catelog:	Test Lab: Volnic IES
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2019/09/27

Plane ISO-Illuminance Curve

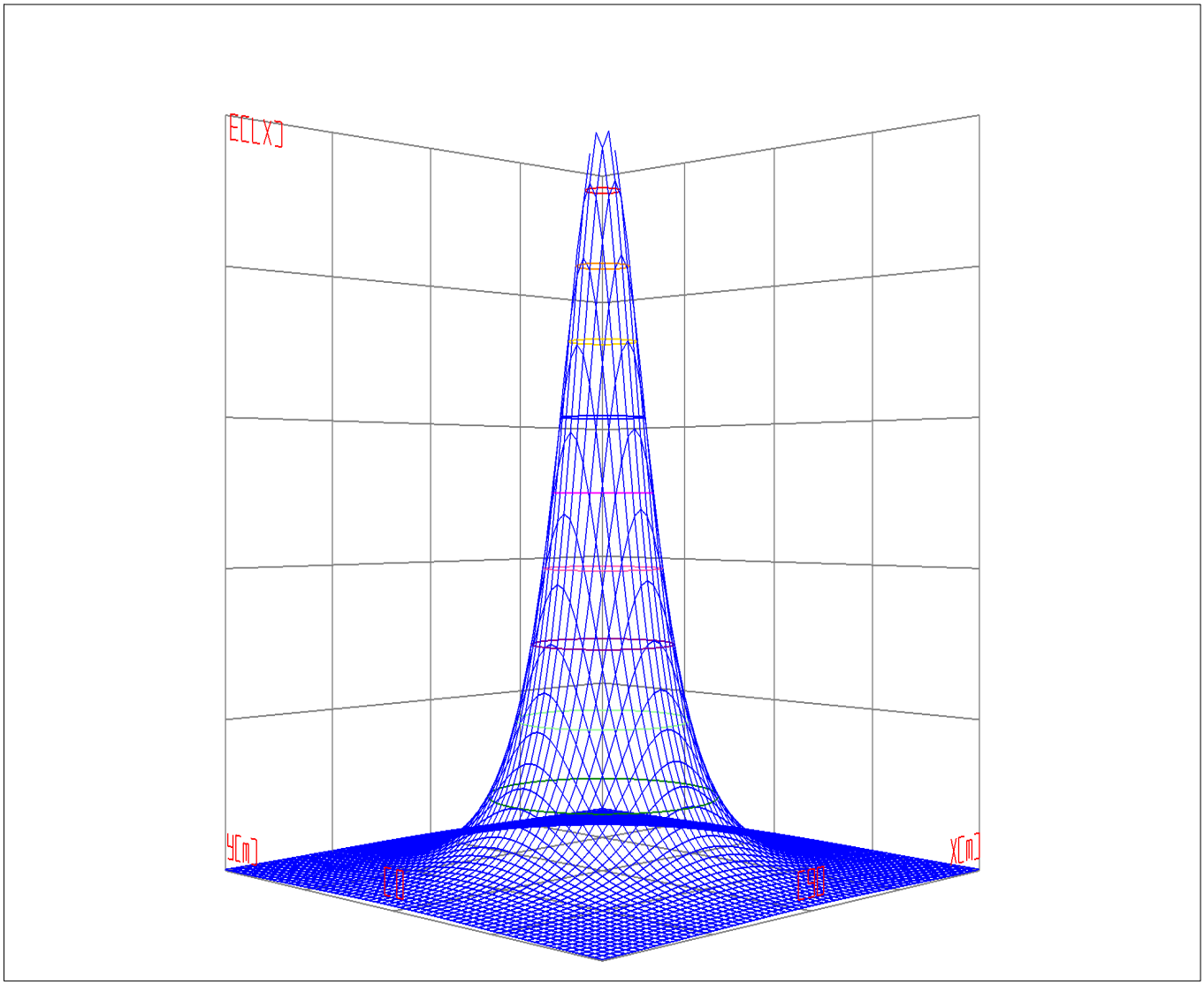


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 130.54
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum.Name: HCP-173400-R	Lum.Catelog:	Test ID: 001
Lamp Name:	Lamp Catelog:	Test Lab: Volnic IES
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2019/09/27

3D Plane Illuminance Modal

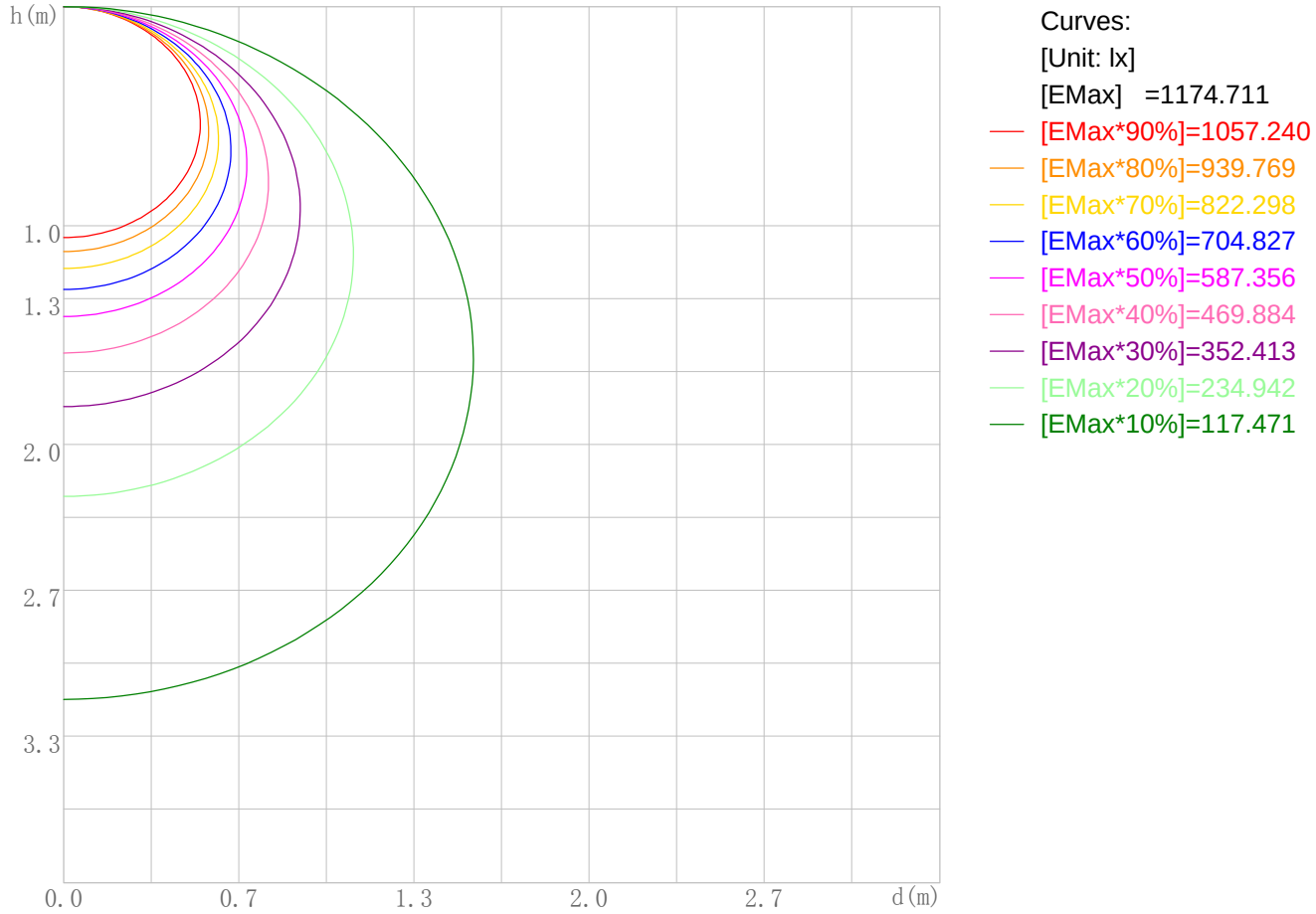


Curves: 3D Model 90% 80% 70% 60% 50% 40% 30% 20% 10%
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum.Name: HCP-173400-R	Lum.Catelog:	Test ID: 001
Lamp Name:	Lamp Catelog:	Test Lab: Volnic IES
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2019/09/27

Space ISO Illuminance Curve

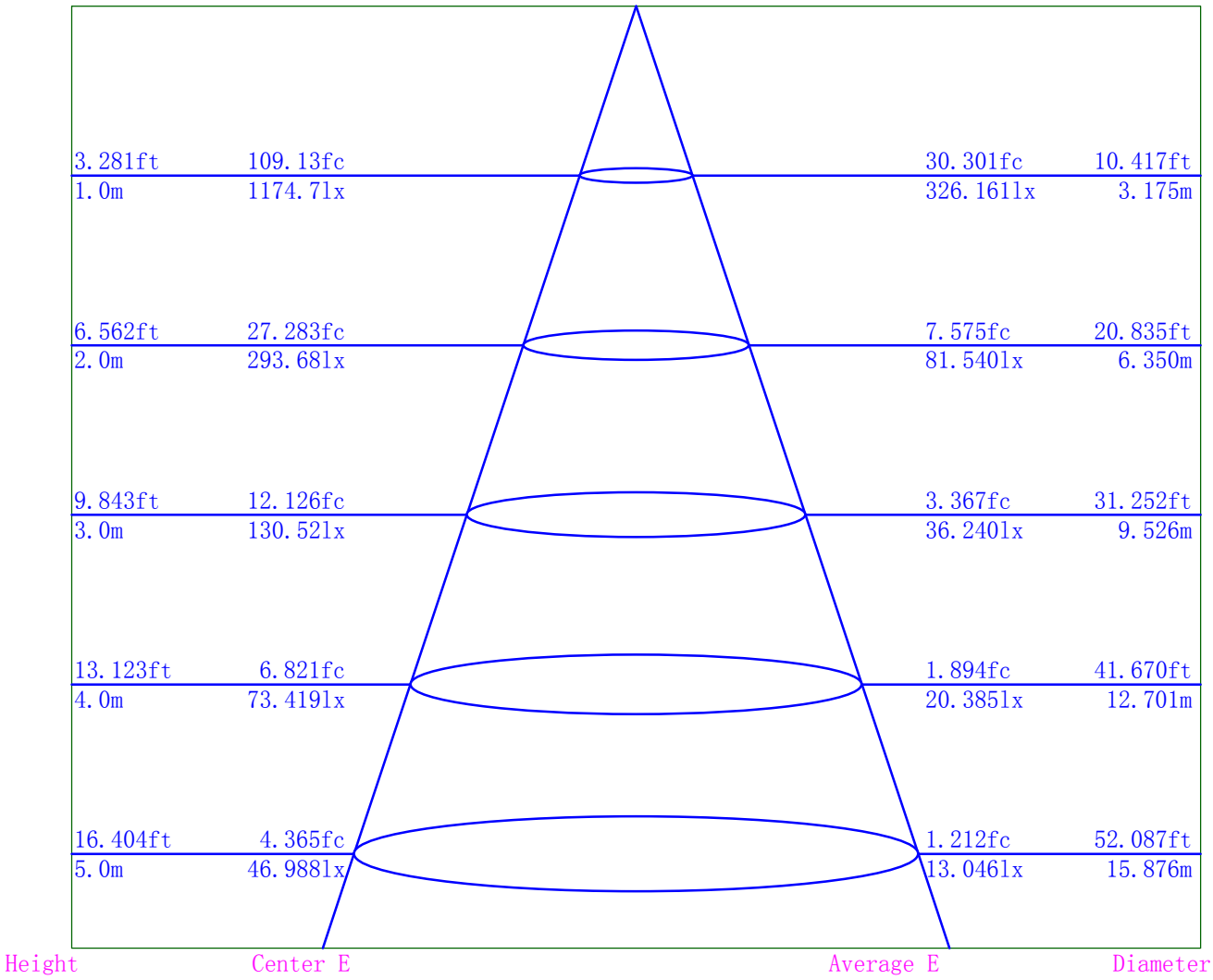


Space Plane Maximum Illuminance and @Angle:1174.71lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:1174.711cd,0eg

Illuminance-Distance Diagram

Lum.Name: HCP-173400-R	Lum.Catelog:	Test ID: 001
Lamp Name:	Lamp Catelog:	Test Lab: Volnic IES
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2019/09/27

Illuminance-Distance Curve



Beam Angle:115.6

Indoor Luminance Limiting Curves

Lum.Name: HCP-173400-R	Lum.Catelog:	Test ID: 001
Lamp Name:	Lamp Catelog:	Test Lab: Volnic IES
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2019/09/27

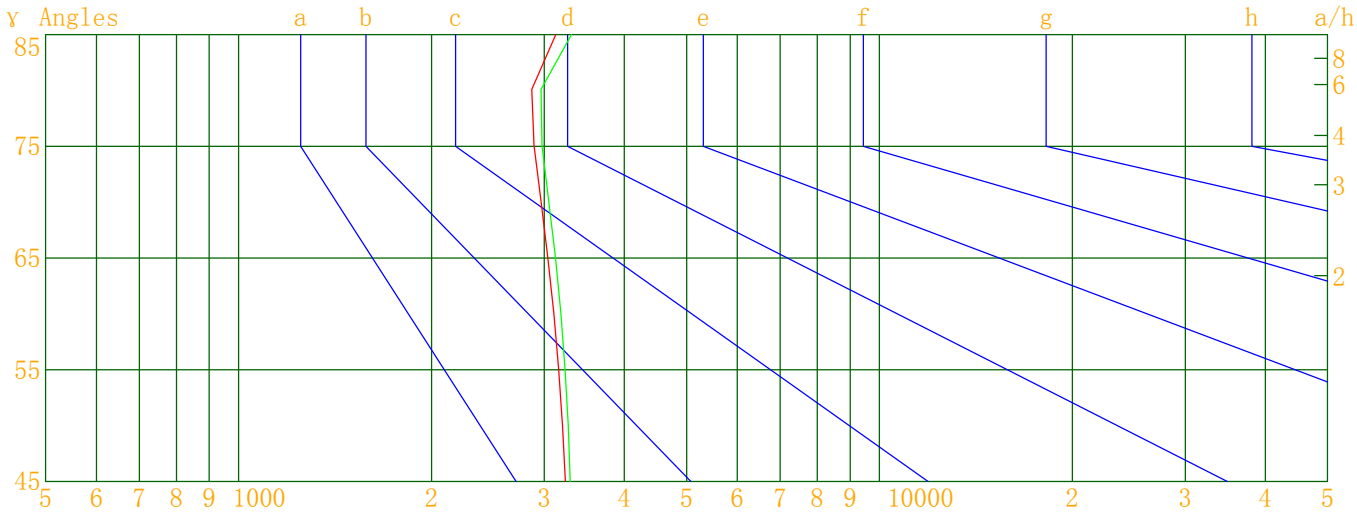
Glare Grade Table

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	3236	3202	3159	3104	3039	2963	2892	2869	3124
C90	3293	3267	3232	3183	3121	3046	2974	2967	3306

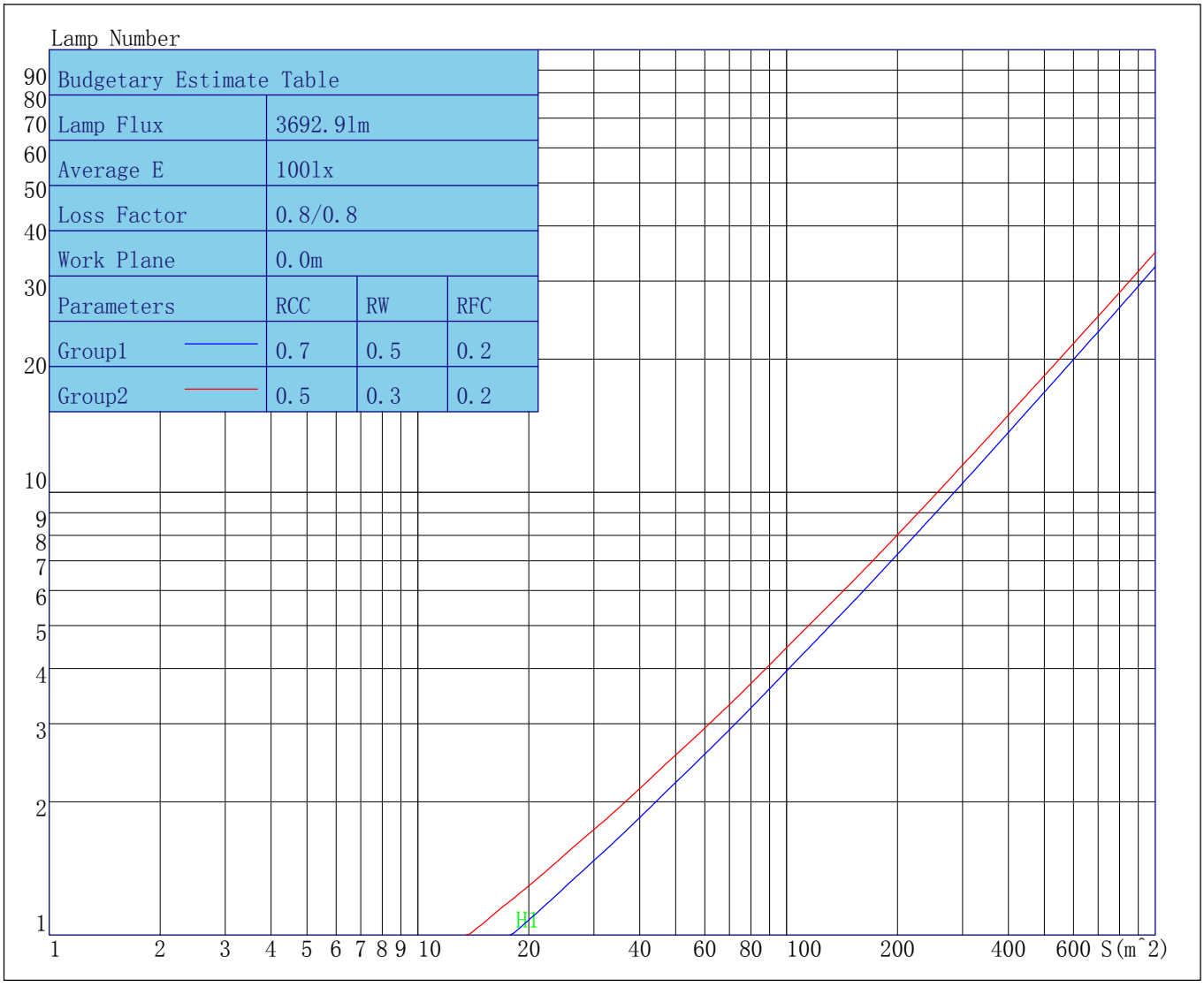
Luminance Limiting Curve



Luminous Size: Length(m)=1.195 Width(m)=0.295 Height(m)=0.000 Area(m^2)=0.352525
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: ——— C90-C270 Color: ———

Indoor Budgetary Estimate Table

Lum.Name: HCP-173400-R	Lum.Catelog:	Test ID: 001
Lamp Name:	Lamp Catelog:	Test Lab: Volnic IES
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2019/09/27



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-173400-R	Lum.Catelog:	Test ID: 001
Lamp Name:	Lamp Catelog:	Test Lab: Volnic IES
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2019/09/27

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	108	108	108	103	103	103	98	98	98	95
1	107	102	98	94	104	99	95	92	94	91	88	89	87	84	85	83	81	79
2	97	89	82	76	94	86	80	74	82	77	72	78	73	70	74	71	67	65
3	88	78	69	63	85	76	68	62	72	65	60	69	63	58	65	61	57	54
4	81	69	60	53	78	67	59	52	64	57	51	61	55	50	58	53	49	46
5	74	61	52	45	72	60	51	45	57	50	44	55	48	43	52	47	42	40
6	68	55	46	39	66	54	45	39	51	44	38	49	43	38	47	41	37	35
7	63	50	41	35	61	49	40	34	47	39	34	45	38	33	43	37	33	31
8	59	45	37	31	57	44	36	31	43	35	30	41	34	30	40	34	29	27
9	55	42	33	28	53	41	33	27	39	32	27	38	31	27	36	31	26	24
10	52	38	30	25	50	38	30	25	36	29	25	35	29	24	34	28	24	22

Unified Glare Rating Table

Lum.Name: HCP-173400-R	Lum.Catelog:	Test ID: 001
Lamp Name:	Lamp Catelog:	Test Lab: Volnic IES
Manufacture: Havit Commercial	Test Machine:GON-2000	Test Date: 2019/09/27

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	16.1	17.6	16.5	18.0	18.5	16.2	17.8	16.7	18.2	18.6
	Y=3H	17.8	19.2	18.2	19.6	20.1	18.0	19.4	18.4	19.8	20.3
	Y=4H	18.5	19.9	19.0	20.3	20.8	18.7	20.1	19.2	20.5	21.0
	Y=6H	19.2	20.4	19.7	20.9	21.4	19.4	20.6	19.9	21.1	21.6
	Y=8H	19.4	20.6	19.9	21.1	21.6	19.6	20.8	20.1	21.3	21.8
	Y=12H	19.6	20.8	20.1	21.2	21.8	19.9	21.0	20.4	21.5	22.0
X=4H	Y=2H	16.8	18.2	17.3	18.6	19.1	17.0	18.3	17.5	18.8	19.3
	Y=3H	18.8	19.9	19.2	20.4	20.9	18.9	20.1	19.4	20.6	21.1
	Y=4H	19.6	20.6	20.1	21.1	21.7	19.8	20.8	20.3	21.3	21.9
	Y=6H	20.4	21.3	20.9	21.8	22.4	20.6	21.5	21.1	22.0	22.6
	Y=8H	20.7	21.5	21.2	22.1	22.6	20.9	21.8	21.5	22.3	22.9
	Y=12H	21.0	21.7	21.5	22.3	22.9	21.2	22.0	21.8	22.5	23.1
X=8H	Y=4H	20.0	20.8	20.5	21.3	21.9	20.2	21.0	20.7	21.6	22.1
	Y=6H	20.9	21.6	21.5	22.2	22.9	21.1	21.8	21.7	22.4	23.1
	Y=8H	21.3	21.9	21.9	22.5	23.1	21.6	22.2	22.2	22.8	23.4
	Y=12H	21.7	22.2	22.3	22.8	23.5	22.0	22.5	22.6	23.1	23.8
X=12H	Y=4H	20.0	20.8	20.6	21.3	21.9	20.3	21.0	20.8	21.6	22.1
	Y=6H	21.0	21.6	21.6	22.2	22.8	21.2	21.9	21.8	22.4	23.1
	Y=8H	21.5	22.0	22.0	22.6	23.2	21.7	22.3	22.3	22.9	23.5
Variations with the objerver position at spacings											
S=1.0H		0.4/-0.4					0.4/-0.4				
S=1.5H		0.7/-0.7					0.6/-0.7				
S=2.0H		0.8/-0.9					0.7/-0.9				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		3.3					3.3				

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

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	1174.71	1174.71	1174.71	1174.71	1174.71	1174.71	1174.71	1174.71	1174.71	1174.71	1174.71	1174.71
Y 1.0	1174.18	1174.57	1175.23	1175.07	1175.28	1174.96	1173.81	1174.16	1174.72	1174.35	1174.64	1174.51
Y 2.0	1173.80	1174.42	1174.87	1174.88	1175.09	1174.84	1172.98	1173.19	1173.77	1173.42	1173.91	1173.62
Y 3.0	1173.02	1173.85	1174.21	1174.33	1174.39	1174.11	1171.94	1171.99	1172.55	1172.18	1172.64	1172.36
Y 4.0	1171.79	1172.70	1173.09	1173.34	1173.24	1173.04	1170.30	1170.49	1171.09	1170.40	1170.99	1170.57
Y 5.0	1170.28	1171.18	1171.64	1172.08	1171.89	1171.68	1168.42	1168.30	1168.87	1168.33	1169.05	1168.52
Y 6.0	1167.98	1169.36	1169.91	1170.28	1170.04	1169.88	1166.16	1166.07	1166.56	1165.84	1166.58	1166.08
Y 7.0	1165.79	1166.99	1167.68	1168.24	1167.87	1167.68	1163.44	1163.21	1163.74	1162.96	1163.90	1163.09
Y 8.0	1163.05	1164.39	1165.11	1165.74	1165.34	1164.98	1160.36	1160.06	1160.56	1159.84	1160.74	1160.01
Y 9.0	1160.02	1161.44	1162.24	1162.86	1162.24	1162.05	1156.81	1156.46	1156.98	1156.18	1157.19	1156.51
Y 10.0	1156.35	1157.92	1158.79	1159.64	1158.90	1158.67	1152.97	1152.45	1153.01	1152.25	1153.35	1152.43
Y 11.0	1152.47	1154.09	1155.19	1155.99	1155.22	1154.96	1148.68	1148.16	1148.73	1147.89	1149.04	1148.26
Y 12.0	1148.37	1150.07	1150.92	1152.19	1151.28	1150.79	1144.25	1143.45	1144.20	1143.18	1144.41	1143.32
Y 13.0	1143.53	1145.53	1146.45	1147.81	1146.68	1146.10	1139.21	1138.49	1139.12	1138.07	1139.32	1138.32
Y 14.0	1138.43	1140.64	1141.62	1142.93	1141.66	1141.50	1133.64	1132.92	1133.69	1132.58	1134.02	1132.80
Y 15.0	1133.00	1135.28	1136.40	1137.83	1136.49	1135.87	1127.87	1127.15	1128.28	1126.87	1128.20	1126.74
Y 16.0	1127.10	1129.66	1130.72	1132.36	1130.94	1130.35	1121.61	1120.74	1121.92	1120.57	1122.22	1120.54
Y 17.0	1121.07	1123.57	1124.81	1126.42	1124.97	1124.30	1115.26	1114.27	1115.33	1114.03	1115.63	1113.97
Y 18.0	1114.43	1117.16	1118.47	1120.27	1118.63	1117.82	1108.29	1107.44	1108.43	1107.22	1108.72	1106.97
Y 19.0	1107.40	1110.36	1111.77	1113.69	1111.99	1111.05	1101.18	1100.07	1101.45	1100.00	1101.53	1099.62
Y 20.0	1100.17	1103.39	1104.65	1106.69	1104.91	1104.14	1093.61	1092.44	1093.96	1092.44	1093.98	1091.98
Y 21.0	1092.44	1095.59	1097.11	1099.41	1097.33	1096.59	1085.67	1084.46	1086.03	1084.60	1086.11	1084.04
Y 22.0	1084.45	1087.67	1089.31	1091.73	1089.69	1088.88	1077.44	1076.00	1077.79	1076.14	1077.84	1075.48
Y 23.0	1076.16	1079.47	1081.36	1083.69	1081.50	1080.36	1068.67	1067.38	1069.06	1067.58	1069.14	1066.76
Y 24.0	1067.43	1070.94	1072.87	1075.40	1073.09	1071.85	1059.62	1058.45	1060.05	1058.46	1060.17	1057.69
Y 25.0	1058.37	1061.85	1063.90	1066.57	1064.24	1063.17	1050.31	1048.88	1050.91	1049.14	1050.81	1048.39
Y 26.0	1048.84	1052.68	1054.73	1057.60	1054.96	1054.22	1040.62	1039.14	1041.20	1039.60	1041.20	1038.79
Y 27.0	1039.03	1043.10	1045.15	1047.99	1045.45	1043.96	1030.63	1029.12	1031.20	1029.44	1031.19	1028.43
Y 28.0	1028.85	1032.95	1035.25	1038.23	1035.54	1033.87	1020.17	1018.57	1020.72	1019.03	1020.88	1017.99
Y 29.0	1018.48	1022.43	1025.07	1028.04	1025.36	1023.46	1009.21	1007.88	1010.14	1008.31	1010.15	1007.26
Y 30.0	1007.71	1011.73	1014.46	1017.62	1014.86	1013.04	998.17	996.78	998.98	997.19	999.17	996.07
Y 31.0	996.34	1000.62	1003.53	1006.85	1003.82	1001.99	986.80	985.44	987.62	985.96	987.81	984.67
Y 32.0	984.67	989.41	992.04	995.67	992.41	990.68	975.00	973.65	976.03	974.29	976.30	972.89
Y 33.0	972.71	977.37	980.40	984.16	980.79	978.81	963.07	961.62	964.28	962.34	964.16	960.73
Y 34.0	960.66	965.28	968.54	972.21	968.87	966.68	950.60	949.16	952.01	949.99	951.86	948.19
Y 35.0	948.17	952.91	956.30	960.06	956.76	954.39	937.70	936.30	939.38	937.49	939.24	935.43
Y 36.0	935.55	940.13	943.83	947.48	944.13	941.73	924.62	923.50	926.29	924.57	926.23	922.54
Y 37.0	922.42	927.13	930.95	934.83	931.22	928.86	911.37	910.15	913.17	911.50	913.14	909.18
Y 38.0	908.92	913.85	917.68	921.67	917.99	915.36	897.86	896.64	899.69	898.04	899.66	895.56
Y 39.0	895.17	900.07	904.03	908.04	904.50	901.60	883.95	882.66	885.87	884.16	885.92	881.64
Y 40.0	881.32	886.04	890.31	894.23	890.55	887.64	869.69	868.41	871.83	869.96	871.67	867.23
Y 41.0	867.00	871.72	876.47	880.05	876.67	873.42	855.07	853.93	857.10	855.64	857.04	852.75
Y 42.0	852.48	857.35	861.85	865.94	862.30	858.91	840.26	839.07	842.39	840.97	842.36	837.86
Y 43.0	837.54	842.36	847.20	851.27	847.59	845.07	825.20	824.17	827.51	826.08	827.46	822.94
Y 44.0	822.16	827.22	832.01	836.20	832.42	829.70	809.94	808.91	812.43	810.88	812.35	807.68
Y 45.0	806.62	811.61	816.68	820.91	817.07	813.48	794.34	793.28	796.86	795.36	796.86	791.94
Y 46.0	791.05	795.93	800.96	805.20	801.43	797.62	778.39	777.31	781.02	779.51	780.96	776.03

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 47.0	775.10	779.95	785.24	789.52	785.55	781.66	762.14	761.30	764.94	763.55	764.89	759.96
Y 48.0	758.86	763.77	769.15	773.48	769.59	765.56	745.83	745.07	748.50	747.34	748.42	743.72
Y 49.0	742.29	747.47	752.70	757.01	753.23	749.07	729.36	728.70	732.08	730.93	731.97	727.13
Y 50.0	725.56	730.65	735.95	740.40	736.40	732.32	712.55	712.08	715.34	714.21	715.32	710.38
Y 51.0	708.51	713.46	718.99	723.39	719.55	715.19	695.52	694.84	698.39	697.22	698.31	693.29
Y 52.0	691.40	696.23	701.90	706.20	702.46	698.05	678.32	677.48	681.24	679.86	681.10	675.85
Y 53.0	674.11	678.84	684.60	688.69	684.98	680.51	660.70	660.10	663.69	662.46	663.37	658.34
Y 54.0	656.51	661.33	667.09	671.32	667.51	663.02	642.98	642.50	646.07	644.88	645.63	640.68
Y 55.0	638.74	643.41	649.30	653.52	649.49	645.24	625.25	624.78	628.22	627.24	627.68	622.82
Y 56.0	620.57	625.41	631.13	635.49	631.39	627.13	607.26	606.78	610.17	609.11	609.77	604.94
Y 57.0	602.28	607.12	612.74	617.02	613.07	608.57	589.11	588.63	591.92	590.83	591.62	586.54
Y 58.0	584.03	588.49	594.47	598.39	594.56	589.97	570.83	570.25	573.45	572.43	573.09	568.13
Y 59.0	565.55	570.02	576.01	579.77	576.04	571.72	552.31	551.84	554.82	553.94	554.39	549.57
Y 60.0	547.13	551.41	557.24	561.00	557.41	553.07	533.69	533.31	535.99	535.11	535.70	530.99
Y 61.0	528.41	532.70	538.35	542.13	538.40	534.31	514.99	514.80	517.58	516.23	516.92	512.27
Y 62.0	509.47	513.71	519.27	523.12	519.31	515.44	496.41	496.13	498.65	497.33	498.00	493.67
Y 63.0	490.52	494.53	500.15	503.63	500.18	496.17	477.52	477.15	479.61	478.16	478.82	474.66
Y 64.0	471.62	475.32	480.98	484.18	480.94	476.91	458.42	458.14	460.34	458.71	459.45	455.42
Y 65.0	452.74	456.14	461.87	464.96	461.80	457.73	439.36	439.27	440.90	439.50	439.89	436.55
Y 66.0	433.58	437.03	442.55	445.53	442.50	438.63	420.30	420.20	421.42	420.23	420.41	417.42
Y 67.0	414.46	417.86	423.25	426.07	423.04	419.37	401.40	401.46	402.17	400.94	401.14	398.37
Y 68.0	395.35	398.65	403.72	406.68	403.48	400.10	382.42	382.44	382.94	381.47	381.74	379.30
Y 69.0	376.18	379.21	384.17	386.90	383.94	380.68	363.46	363.45	363.55	362.14	362.24	360.16
Y 70.0	357.29	359.93	364.88	367.30	364.52	361.34	344.54	344.36	344.32	342.65	342.85	341.00
Y 71.0	338.52	340.87	345.74	347.89	345.36	342.21	325.40	325.53	324.86	323.43	323.57	321.99
Y 72.0	319.71	321.95	326.67	328.60	326.09	323.29	306.73	306.84	305.68	304.30	304.14	303.34
Y 73.0	300.95	303.12	307.46	309.38	307.08	304.55	288.24	288.27	286.82	285.43	285.13	284.75
Y 74.0	282.33	284.40	288.52	290.25	288.06	285.81	269.94	269.99	268.09	266.53	266.27	266.18
Y 75.0	263.82	265.70	269.65	271.36	269.11	266.99	251.64	251.58	249.48	247.84	247.66	247.80
Y 76.0	245.57	247.37	251.33	252.73	250.57	248.62	233.47	233.26	231.00	229.31	229.15	229.47
Y 77.0	227.83	229.24	233.25	234.35	232.51	230.57	215.42	215.34	212.66	211.30	210.74	211.43
Y 78.0	210.29	211.51	215.32	216.47	214.62	212.80	197.78	197.81	194.89	193.53	192.82	193.80
Y 79.0	192.98	194.20	197.63	198.85	197.08	195.40	180.66	180.52	177.54	176.09	175.53	176.53
Y 80.0	175.64	176.90	180.28	181.60	179.58	178.38	163.79	163.35	160.39	159.16	158.40	159.69
Y 81.0	158.79	159.95	163.28	164.50	162.63	161.16	147.21	146.74	143.57	142.54	141.77	142.93
Y 82.0	142.41	143.45	146.84	148.01	146.20	144.60	130.88	130.36	127.20	126.15	125.32	126.58
Y 83.0	126.56	127.40	130.77	132.14	130.30	128.60	114.75	114.40	111.29	110.42	109.34	110.86
Y 84.0	111.07	111.73	115.28	116.71	114.80	113.08	99.29	98.98	95.81	95.26	93.93	95.60
Y 85.0	95.99	96.77	99.95	101.57	99.60	98.00	84.43	84.22	81.07	80.79	79.43	81.00
Y 86.0	81.44	82.28	85.26	87.20	84.99	83.47	70.20	69.93	67.02	66.98	65.61	66.94
Y 87.0	68.10	68.50	71.21	73.30	71.07	69.63	56.83	56.68	53.80	53.68	52.64	53.75
Y 88.0	56.25	56.71	58.67	60.35	58.46	57.43	44.85	44.75	41.90	41.34	40.79	42.20
Y 89.0	45.72	46.13	48.19	48.58	48.05	46.92	33.82	34.39	32.34	30.58	31.43	32.08
Y 90.0	38.90	38.68	40.97	39.68	40.26	38.45	25.06	26.92	25.67	25.36	24.43	25.39
Y 91.0	37.77	36.65	38.42	36.62	38.28	36.20	22.72	24.61	22.94	24.56	22.96	24.35
Y 92.0	37.21	36.06	37.91	36.29	37.78	35.85	22.46	24.18	22.84	24.37	22.92	24.06
Y 93.0	36.70	35.76	37.41	35.95	37.33	35.47	22.34	23.93	22.67	24.11	22.71	23.82

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 94.0	36.27	35.46	37.08	35.70	37.00	35.15	22.26	23.75	22.67	24.02	22.74	23.59
Y 95.0	36.01	35.08	36.67	35.40	36.60	34.87	22.22	23.57	22.56	23.87	22.62	23.43
Y 96.0	35.58	34.78	36.38	35.23	36.29	34.61	22.14	23.53	22.52	23.75	22.51	23.34
Y 97.0	35.28	34.56	36.02	34.89	35.92	34.24	22.17	23.43	22.50	23.57	22.48	23.15
Y 98.0	34.95	34.34	35.62	34.58	35.69	34.06	22.04	23.26	22.44	23.40	22.51	23.09
Y 99.0	34.62	34.03	35.36	34.31	35.32	33.76	22.08	23.26	22.42	23.31	22.47	23.05
Y 100.0	34.32	33.68	35.12	34.06	34.90	33.51	22.04	23.15	22.45	23.25	22.45	23.02
Y 101.0	34.01	33.40	34.67	33.83	34.70	33.14	22.04	23.07	22.42	23.17	22.34	22.96
Y 102.0	33.84	33.07	34.47	33.53	34.34	32.96	22.01	22.96	22.36	23.22	22.37	22.93
Y 103.0	33.50	32.93	34.22	33.26	34.10	32.79	22.00	22.97	22.29	23.04	22.38	22.90
Y 104.0	33.23	32.67	33.85	33.06	33.82	32.51	21.93	23.06	22.33	23.08	22.36	22.84
Y 105.0	32.99	32.44	33.56	32.74	33.55	32.28	21.98	23.05	22.38	23.08	22.25	22.81
Y 106.0	32.73	32.25	33.34	32.55	33.28	32.02	22.09	22.99	22.39	22.99	22.35	22.90
Y 107.0	32.58	32.03	32.99	32.24	33.01	31.76	22.02	23.04	22.41	22.92	22.36	22.82
Y 108.0	32.33	31.76	32.83	32.08	32.81	31.59	22.07	22.95	22.51	22.88	22.40	22.80
Y 109.0	32.07	31.53	32.53	31.84	32.57	31.41	22.11	22.98	22.39	22.88	22.43	22.92
Y 110.0	31.80	31.39	32.33	31.59	32.32	31.21	22.26	23.02	22.35	22.99	22.44	22.86
Y 111.0	31.60	31.13	32.11	31.42	32.05	31.00	22.20	22.99	22.42	22.95	22.43	22.92
Y 112.0	31.31	30.93	31.87	31.07	31.84	30.80	22.27	23.08	22.40	22.90	22.46	22.87
Y 113.0	31.06	30.75	31.53	30.98	31.59	30.59	22.35	23.14	22.44	22.94	22.45	22.91
Y 114.0	30.86	30.57	31.24	30.70	31.38	30.37	22.36	23.05	22.53	22.90	22.46	22.89
Y 115.0	30.67	30.28	30.99	30.49	31.12	30.26	22.40	23.13	22.51	22.95	22.49	22.98
Y 116.0	30.47	30.02	30.90	30.29	30.95	30.11	22.47	23.19	22.59	23.03	22.55	22.99
Y 117.0	30.31	29.90	30.67	30.11	30.69	29.84	22.58	23.21	22.68	23.00	22.57	23.05
Y 118.0	30.26	29.75	30.39	29.91	30.60	29.68	22.68	23.27	22.70	23.01	22.63	23.10
Y 119.0	30.01	29.60	30.28	29.79	30.32	29.70	22.73	23.31	22.80	23.15	22.68	23.10
Y 120.0	29.96	29.53	30.10	29.66	30.20	29.53	22.78	23.35	22.99	23.21	22.90	23.14
Y 121.0	29.69	29.33	30.05	29.46	30.00	29.38	22.79	23.49	22.96	23.21	22.89	23.16
Y 122.0	29.57	29.32	29.88	29.36	29.84	29.27	23.00	23.51	23.12	23.26	23.11	23.23
Y 123.0	29.45	29.19	29.65	29.21	29.85	29.08	23.06	23.56	23.16	23.49	23.20	23.32
Y 124.0	29.41	29.10	29.60	29.11	29.72	29.07	23.10	23.69	23.36	23.39	23.18	23.51
Y 125.0	29.25	29.06	29.52	29.06	29.59	29.04	23.12	23.73	23.34	23.49	23.30	23.54
Y 126.0	29.18	28.89	29.40	28.97	29.41	28.92	23.23	23.87	23.44	23.60	23.45	23.50
Y 127.0	29.12	28.83	29.44	28.93	29.35	28.84	23.28	24.00	23.51	23.62	23.48	23.72
Y 128.0	29.05	28.71	29.36	28.88	29.27	28.75	23.57	24.05	23.57	23.70	23.66	23.77
Y 129.0	29.03	28.74	29.26	28.76	29.26	28.62	23.67	24.12	23.65	23.74	23.69	23.81
Y 130.0	28.91	28.64	29.29	28.69	29.28	28.59	23.70	24.27	23.87	23.92	23.89	23.98
Y 131.0	28.87	28.56	29.28	28.64	29.14	28.56	23.86	24.47	23.96	24.07	24.01	24.07
Y 132.0	28.79	28.53	29.19	28.65	29.11	28.44	23.88	24.49	24.13	24.21	24.19	24.14
Y 133.0	28.70	28.54	29.15	28.57	29.11	28.42	24.07	24.59	24.18	24.30	24.29	24.23
Y 134.0	28.70	28.47	29.09	28.63	29.02	28.43	24.26	24.81	24.29	24.39	24.48	24.34
Y 135.0	28.61	28.49	29.13	28.66	29.08	28.45	24.30	24.85	24.45	24.62	24.72	24.51
Y 136.0	28.66	28.39	29.12	28.64	28.94	28.46	24.41	24.96	24.51	24.86	24.84	24.63
Y 137.0	28.67	28.48	29.06	28.57	29.01	28.40	24.61	25.10	24.72	24.93	24.94	24.79
Y 138.0	28.62	28.57	29.18	28.63	28.97	28.45	24.67	25.26	24.96	25.05	25.08	24.87
Y 139.0	28.60	28.50	29.14	28.62	28.92	28.47	24.80	25.43	25.05	25.14	25.23	25.02
Y 140.0	28.59	28.66	29.19	28.62	29.01	28.42	24.91	25.50	25.17	25.29	25.31	25.25

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 141.0	28.55	28.61	29.16	28.63	28.88	28.47	25.17	25.52	25.37	25.50	25.43	25.47
Y 142.0	28.69	28.70	29.24	28.77	28.96	28.55	25.30	25.81	25.54	25.60	25.51	25.56
Y 143.0	28.69	28.82	29.22	28.75	28.99	28.64	25.43	25.92	25.60	25.71	25.64	25.79
Y 144.0	28.79	28.89	29.31	28.73	29.12	28.75	25.69	26.07	25.77	25.92	25.82	25.85
Y 145.0	28.79	28.97	29.39	28.83	29.10	28.76	25.81	26.32	25.98	26.02	26.16	26.12
Y 146.0	28.92	29.01	29.35	28.89	29.20	28.82	25.90	26.43	26.14	26.23	26.32	26.29
Y 147.0	28.92	29.15	29.37	28.94	29.11	28.90	26.25	26.59	26.25	26.34	26.62	26.50
Y 148.0	29.03	29.23	29.38	29.02	29.31	28.98	26.35	26.79	26.41	26.51	26.68	26.59
Y 149.0	29.15	29.21	29.35	29.07	29.27	28.99	26.64	27.01	26.58	26.67	26.91	26.76
Y 150.0	29.17	29.28	29.43	29.08	29.36	29.04	26.76	27.16	26.72	26.85	27.03	27.00
Y 151.0	29.28	29.40	29.52	29.08	29.48	29.08	26.90	27.33	26.96	27.00	27.19	27.21
Y 152.0	29.34	29.43	29.61	29.14	29.43	29.16	27.05	27.34	26.98	27.19	27.31	27.44
Y 153.0	29.49	29.44	29.62	29.23	29.50	29.20	27.28	27.56	27.25	27.25	27.50	27.55
Y 154.0	29.50	29.61	29.63	29.26	29.65	29.27	27.44	27.69	27.44	27.47	27.68	27.71
Y 155.0	29.62	29.63	29.68	29.36	29.67	29.33	27.61	27.86	27.53	27.70	27.86	27.81
Y 156.0	29.70	29.66	29.85	29.46	29.75	29.35	27.77	28.00	27.69	27.79	27.98	28.02
Y 157.0	29.80	29.76	29.91	29.59	29.83	29.36	28.02	28.09	27.86	28.01	28.27	28.17
Y 158.0	29.88	29.98	29.98	29.59	29.87	29.46	28.21	28.28	28.01	28.10	28.34	28.27
Y 159.0	29.98	29.96	30.02	29.69	29.93	29.52	28.35	28.39	28.26	28.28	28.48	28.40
Y 160.0	30.05	30.07	30.02	29.71	29.99	29.65	28.49	28.54	28.36	28.34	28.63	28.62
Y 161.0	30.08	30.14	30.09	29.84	30.04	29.77	28.60	28.60	28.49	28.57	28.68	28.79
Y 162.0	30.24	30.15	30.11	29.84	30.05	29.84	28.76	28.74	28.68	28.76	28.81	28.97
Y 163.0	30.31	30.24	30.11	29.95	30.19	29.88	28.96	28.99	28.78	28.86	28.94	29.11
Y 164.0	30.41	30.27	30.18	29.98	30.19	29.84	29.17	29.13	28.97	29.00	29.01	29.22
Y 165.0	30.39	30.28	30.24	30.07	30.23	29.95	29.25	29.15	29.09	29.15	29.18	29.35
Y 166.0	30.54	30.31	30.26	30.12	30.31	29.94	29.42	29.31	29.28	29.18	29.18	29.43
Y 167.0	30.59	30.41	30.35	30.18	30.37	30.03	29.58	29.39	29.34	29.28	29.39	29.57
Y 168.0	30.68	30.50	30.38	30.21	30.34	30.07	29.65	29.47	29.40	29.40	29.54	29.70
Y 169.0	30.75	30.43	30.40	30.27	30.42	30.11	29.85	29.62	29.47	29.53	29.46	29.75
Y 170.0	30.81	30.53	30.42	30.27	30.36	30.11	29.93	29.80	29.69	29.70	29.59	29.81
Y 171.0	30.80	30.54	30.49	30.24	30.48	30.24	30.07	29.89	29.68	29.77	29.73	29.88
Y 172.0	30.91	30.55	30.50	30.29	30.53	30.24	30.19	30.04	29.75	29.93	29.86	29.94
Y 173.0	30.97	30.45	30.42	30.40	30.41	30.29	30.19	30.08	29.87	30.04	29.95	30.02
Y 174.0	30.93	30.60	30.41	30.34	30.53	30.28	30.34	30.17	30.00	30.05	30.04	30.06
Y 175.0	30.92	30.56	30.43	30.36	30.55	30.20	30.44	30.26	30.06	30.07	30.04	30.06
Y 176.0	30.92	30.59	30.44	30.42	30.52	30.38	30.54	30.30	30.06	30.25	30.18	30.09
Y 177.0	30.95	30.58	30.50	30.46	30.45	30.44	30.63	30.45	30.12	30.26	30.23	30.18
Y 178.0	30.88	30.49	30.45	30.48	30.46	30.36	30.67	30.53	30.27	30.44	30.27	30.30
Y 179.0	30.83	30.47	30.39	30.56	30.46	30.34	30.74	30.48	30.31	30.36	30.30	30.42
Y 180.0	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50	30.50