

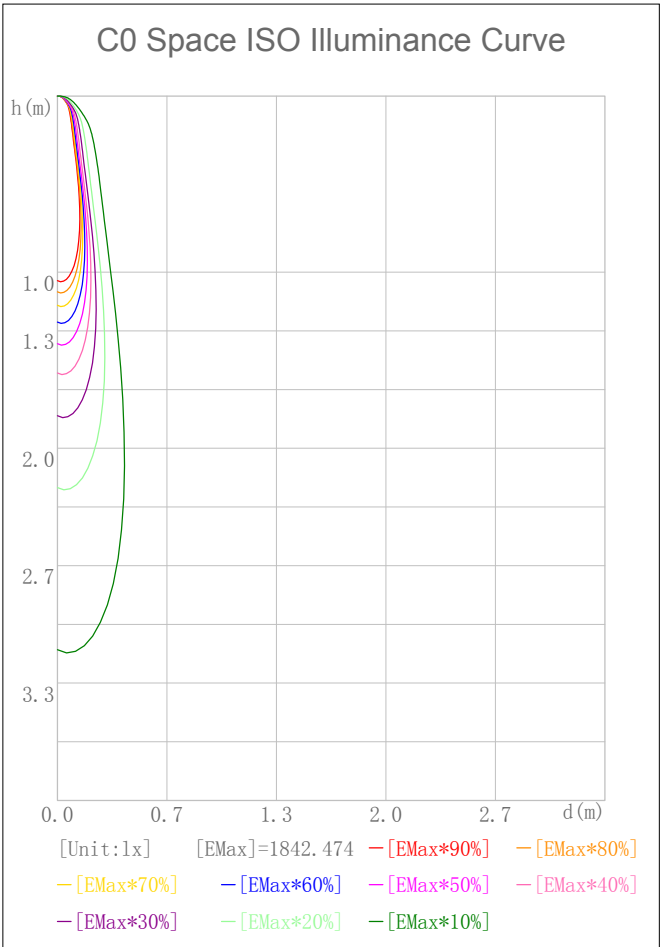
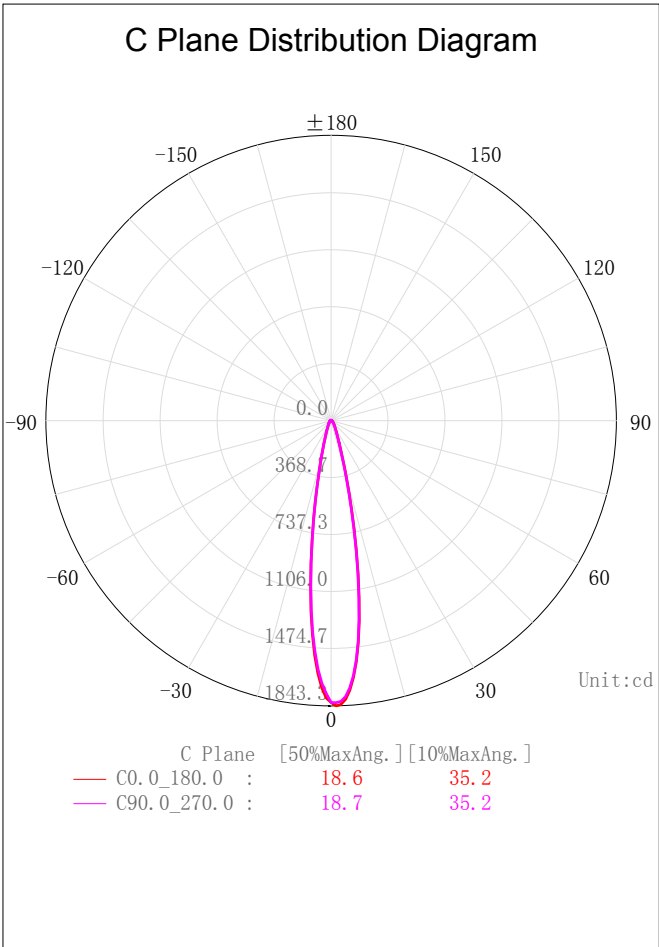
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD13-06-XX-01 3000K RA90 18D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2020/03/21
Manufacture: Shenzhen Norming Lighting Co., Ltd		Shld.Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.000m*0.000m*0.000m		Lum. Area (m2):0.000	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

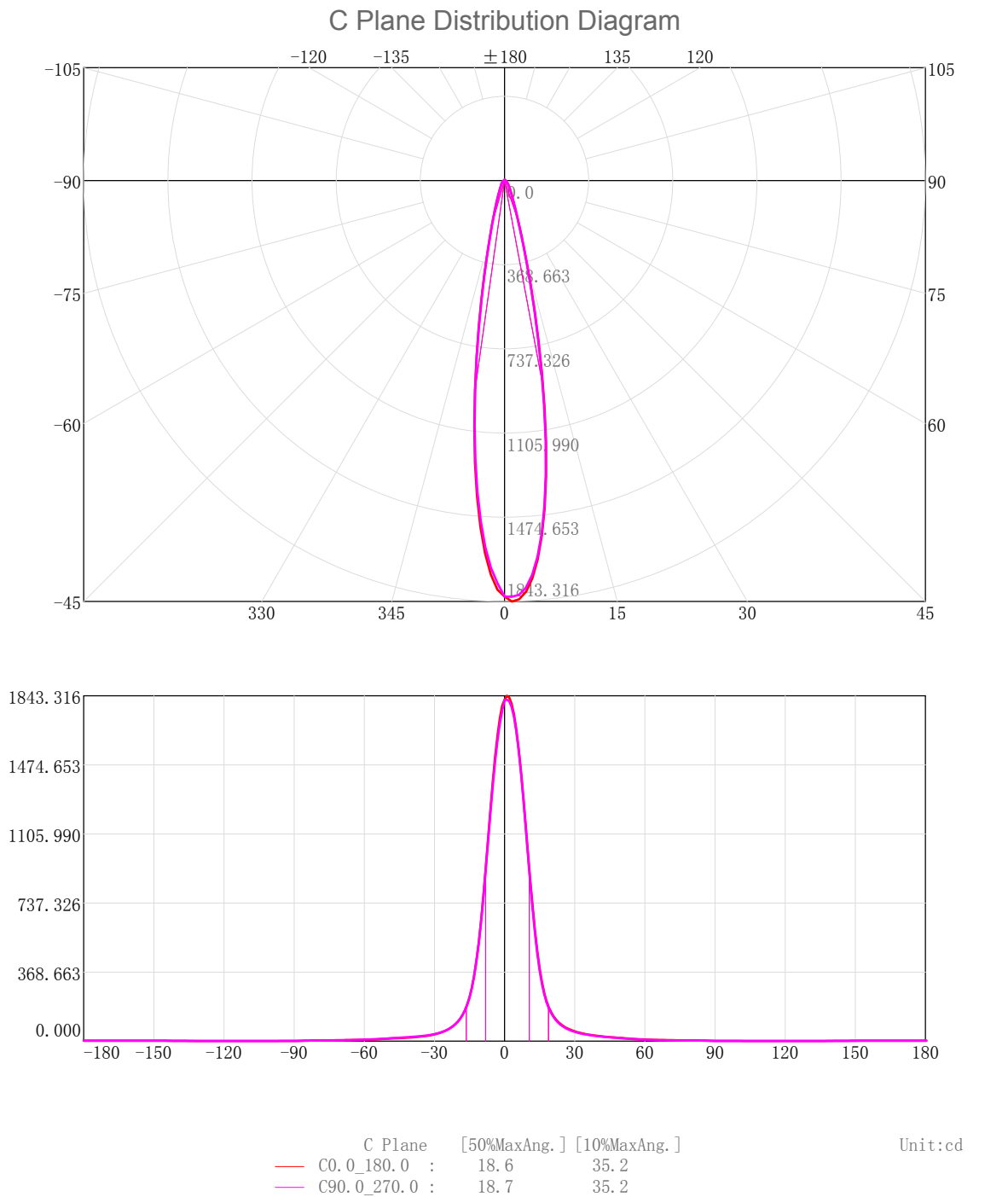
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 321.880	Luminary Flux(lm): 321.884	Field Angle(10%Imax): 35.2(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 310.266lm 96.39%	
Rated Voltage(V):	Luminary EER(lm/W): 57.976	Up Lumens&Percent: 11.619lm 3.61%	
Tested Power(W): 5.552	Max. Candela(cd): 1843.316	S/MH: C0_a180=0.322 C90_270=0.320	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.2, 0.027, 0.834	Beam Angle(50%Imax): 18.6(°)	ErP ϕ use(90°): 276.783lm	
Lamp Size (W*L*H):0.000m*0.000m*0.000m	Left=-8.1°, Right=10.6°	IRF(%): 1242.206	



2D Plane Light Intensity Distribution Curve

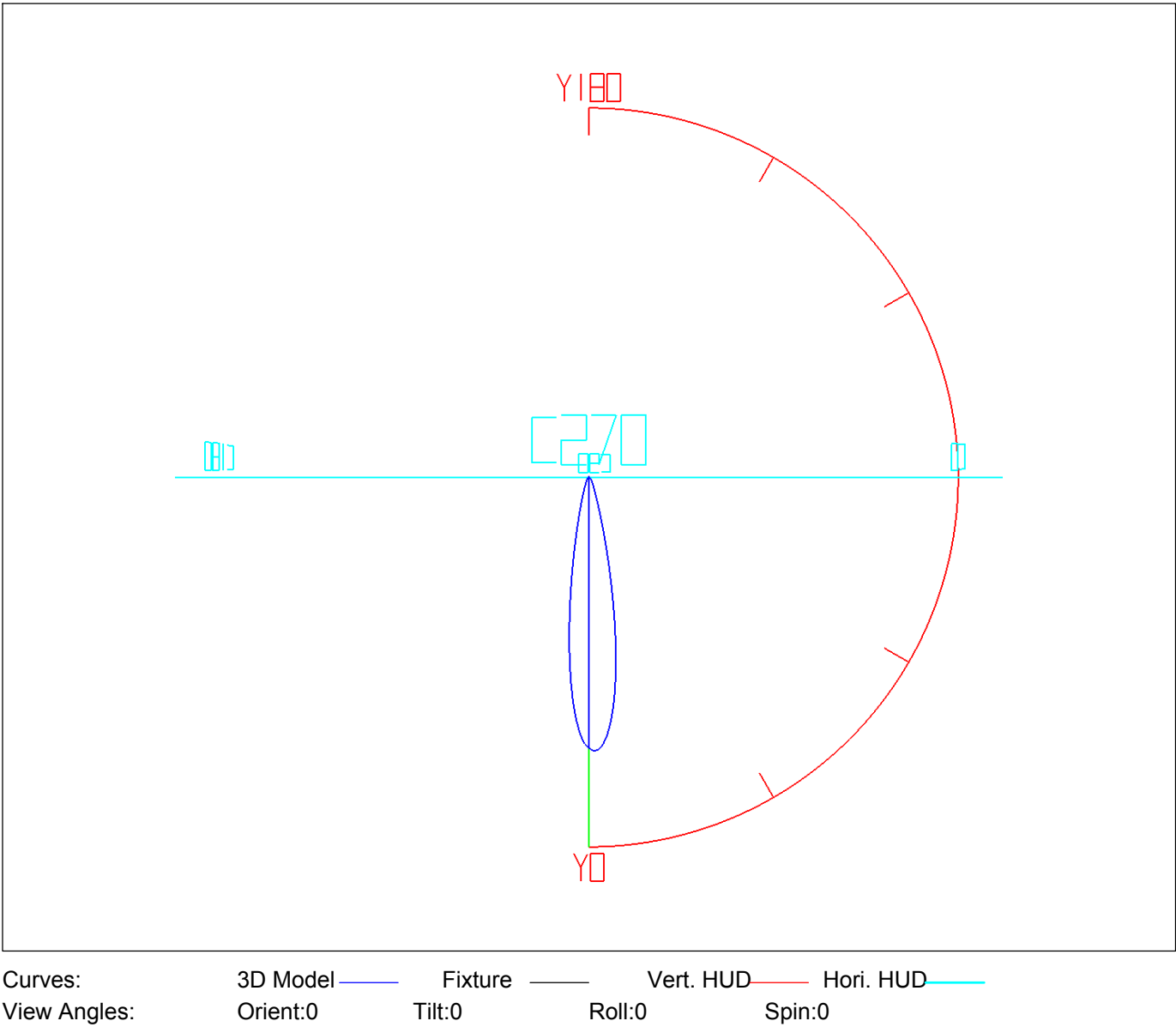
Lum. Name: MD13-06-XX-01 3000K RA90 18D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/21



3D Light Intensity Distribution Modal

Lum. Name:MD13-06-XX-01 3000K RA90 18D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2020/03/21

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:MD13-06-XX-01 3000K RA90 18D.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	1.74	1.74	0.54	0.54	47.0-48.0	1.42	281.88	0.44	87.57
1.0-2.0	5.13	6.86	1.59	2.13	48.0-49.0	1.37	283.25	0.43	88.00
2.0-3.0	8.31	15.18	2.58	4.71	49.0-50.0	1.32	284.57	0.41	88.41
3.0-4.0	11.15	26.32	3.46	8.18	50.0-51.0	1.27	285.84	0.39	88.80
4.0-5.0	13.51	39.83	4.20	12.37	51.0-52.0	1.22	287.06	0.38	89.18
5.0-6.0	15.31	55.14	4.76	17.13	52.0-53.0	1.16	288.22	0.36	89.54
6.0-7.0	16.48	71.61	5.12	22.25	53.0-54.0	1.11	289.33	0.34	89.89
7.0-8.0	17.00	88.61	5.28	27.53	54.0-55.0	1.05	290.38	0.33	90.21
8.0-9.0	16.89	105.50	5.25	32.78	55.0-56.0	1.00	291.38	0.31	90.52
9.0-10.0	16.23	121.73	5.04	37.82	56.0-57.0	0.95	292.33	0.30	90.82
10.0-11.0	15.15	136.88	4.71	42.52	57.0-58.0	0.91	293.24	0.28	91.10
11.0-12.0	13.78	150.66	4.28	46.81	58.0-59.0	0.87	294.11	0.27	91.37
12.0-13.0	12.28	162.95	3.82	50.62	59.0-60.0	0.83	294.94	0.26	91.63
13.0-14.0	10.80	173.75	3.36	53.98	60.0-61.0	0.80	295.73	0.25	91.88
14.0-15.0	9.42	183.17	2.93	56.91	61.0-62.0	0.76	296.50	0.24	92.11
15.0-16.0	8.21	191.38	2.55	59.46	62.0-63.0	0.73	297.23	0.23	92.34
16.0-17.0	7.18	198.56	2.23	61.69	63.0-64.0	0.71	297.94	0.22	92.56
17.0-18.0	6.32	204.89	1.96	63.65	64.0-65.0	0.68	298.62	0.21	92.77
18.0-19.0	5.63	210.51	1.75	65.40	65.0-66.0	0.66	299.28	0.20	92.98
19.0-20.0	5.05	215.56	1.57	66.97	66.0-67.0	0.64	299.92	0.20	93.18
20.0-21.0	4.58	220.14	1.42	68.39	67.0-68.0	0.62	300.54	0.19	93.37
21.0-22.0	4.18	224.32	1.30	69.69	68.0-69.0	0.60	301.14	0.19	93.56
22.0-23.0	3.85	228.17	1.20	70.89	69.0-70.0	0.58	301.72	0.18	93.74
23.0-24.0	3.57	231.74	1.11	72.00	70.0-71.0	0.57	302.29	0.18	93.91
24.0-25.0	3.32	235.06	1.03	73.03	71.0-72.0	0.55	302.84	0.17	94.09
25.0-26.0	3.11	238.17	0.97	73.99	72.0-73.0	0.54	303.38	0.17	94.25
26.0-27.0	2.93	241.10	0.91	74.90	73.0-74.0	0.52	303.90	0.16	94.42
27.0-28.0	2.77	243.87	0.86	75.76	74.0-75.0	0.51	304.42	0.16	94.57
28.0-29.0	2.62	246.49	0.82	76.58	75.0-76.0	0.50	304.92	0.16	94.73
29.0-30.0	2.50	248.99	0.78	77.35	76.0-77.0	0.49	305.40	0.15	94.88
30.0-31.0	2.38	251.37	0.74	78.10	77.0-78.0	0.48	305.88	0.15	95.03
31.0-32.0	2.28	253.66	0.71	78.80	78.0-79.0	0.47	306.35	0.14	95.17
32.0-33.0	2.19	255.85	0.68	79.49	79.0-80.0	0.46	306.80	0.14	95.32
33.0-34.0	2.11	257.96	0.66	80.14	80.0-81.0	0.44	307.25	0.14	95.45
34.0-35.0	2.04	260.00	0.63	80.78	81.0-82.0	0.43	307.68	0.13	95.59
35.0-36.0	1.97	261.98	0.61	81.39	82.0-83.0	0.41	308.09	0.13	95.72
36.0-37.0	1.92	263.89	0.60	81.98	83.0-84.0	0.40	308.49	0.12	95.84
37.0-38.0	1.86	265.75	0.58	82.56	84.0-85.0	0.37	308.86	0.12	95.95
38.0-39.0	1.81	267.56	0.56	83.12	85.0-86.0	0.35	309.21	0.11	96.06
39.0-40.0	1.76	269.32	0.55	83.67	86.0-87.0	0.32	309.52	0.10	96.16
40.0-41.0	1.72	271.04	0.53	84.21	87.0-88.0	0.28	309.80	0.09	96.25
41.0-42.0	1.67	272.71	0.52	84.73	88.0-89.0	0.24	310.05	0.08	96.32
42.0-43.0	1.63	274.34	0.51	85.23	89.0-90.0	0.22	310.27	0.07	96.39
43.0-44.0	1.59	275.94	0.49	85.73	90.0-91.0	0.20	310.47	0.06	96.45
44.0-45.0	1.55	277.49	0.48	86.21	91.0-92.0	0.20	310.67	0.06	96.52
45.0-46.0	1.51	278.99	0.47	86.68	92.0-93.0	0.19	310.86	0.06	96.58
46.0-47.0	1.47	280.46	0.46	87.13	93.0-94.0	0.19	311.05	0.06	96.64

IES Indoor Report

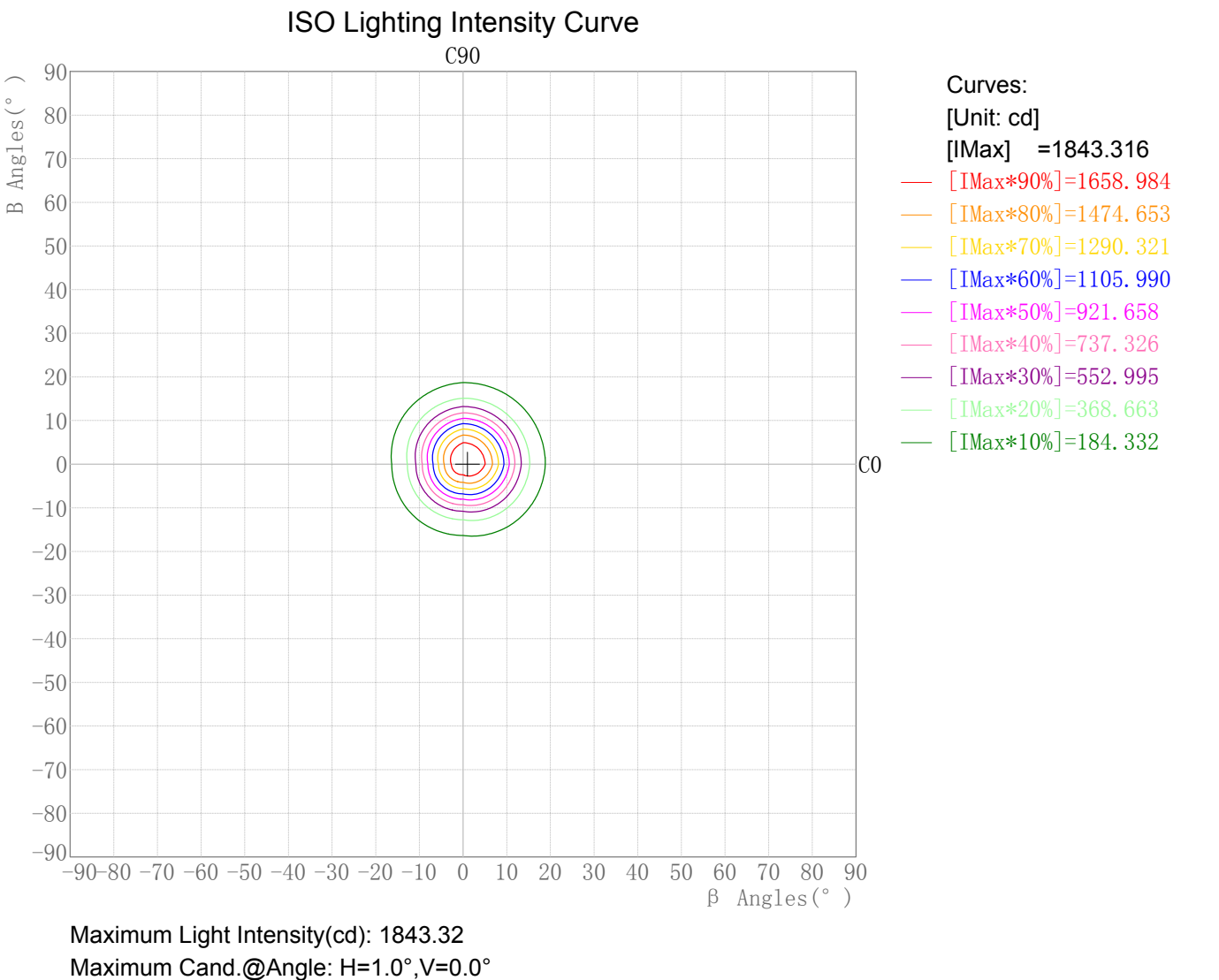
Photometric Filename:MD13-06-XX-01 3000K RA90 18D.IES

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	0.19	311.24	0.06	96.69	141.0-142.0	0.15	318.14	0.05	98.84
95.0-96.0	0.18	311.42	0.06	96.75	142.0-143.0	0.15	318.29	0.05	98.89
96.0-97.0	0.18	311.60	0.06	96.81	143.0-144.0	0.15	318.45	0.05	98.93
97.0-98.0	0.18	311.78	0.06	96.86	144.0-145.0	0.15	318.60	0.05	98.98
98.0-99.0	0.18	311.96	0.05	96.92	145.0-146.0	0.15	318.75	0.05	99.03
99.0-100.0	0.17	312.13	0.05	96.97	146.0-147.0	0.15	318.91	0.05	99.08
100.0-101.0	0.17	312.30	0.05	97.02	147.0-148.0	0.15	319.06	0.05	99.12
101.0-102.0	0.17	312.47	0.05	97.08	148.0-149.0	0.15	319.22	0.05	99.17
102.0-103.0	0.17	312.63	0.05	97.13	149.0-150.0	0.15	319.37	0.05	99.22
103.0-104.0	0.16	312.80	0.05	97.18	150.0-151.0	0.15	319.52	0.05	99.27
104.0-105.0	0.16	312.96	0.05	97.23	151.0-152.0	0.15	319.67	0.05	99.31
105.0-106.0	0.16	313.12	0.05	97.28	152.0-153.0	0.15	319.81	0.05	99.36
106.0-107.0	0.16	313.28	0.05	97.33	153.0-154.0	0.14	319.95	0.04	99.40
107.0-108.0	0.16	313.44	0.05	97.38	154.0-155.0	0.14	320.09	0.04	99.44
108.0-109.0	0.16	313.59	0.05	97.43	155.0-156.0	0.13	320.23	0.04	99.49
109.0-110.0	0.15	313.75	0.05	97.47	156.0-157.0	0.13	320.36	0.04	99.53
110.0-111.0	0.15	313.90	0.05	97.52	157.0-158.0	0.13	320.49	0.04	99.57
111.0-112.0	0.15	314.05	0.05	97.57	158.0-159.0	0.12	320.61	0.04	99.60
112.0-113.0	0.15	314.20	0.05	97.61	159.0-160.0	0.12	320.72	0.04	99.64
113.0-114.0	0.15	314.34	0.05	97.66	160.0-161.0	0.11	320.84	0.03	99.68
114.0-115.0	0.15	314.49	0.05	97.70	161.0-162.0	0.11	320.94	0.03	99.71
115.0-116.0	0.14	314.63	0.04	97.75	162.0-163.0	0.10	321.04	0.03	99.74
116.0-117.0	0.14	314.78	0.04	97.79	163.0-164.0	0.10	321.14	0.03	99.77
117.0-118.0	0.14	314.92	0.04	97.84	164.0-165.0	0.09	321.23	0.03	99.80
118.0-119.0	0.14	315.05	0.04	97.88	165.0-166.0	0.08	321.31	0.03	99.82
119.0-120.0	0.14	315.19	0.04	97.92	166.0-167.0	0.08	321.39	0.02	99.85
120.0-121.0	0.13	315.33	0.04	97.96	167.0-168.0	0.07	321.47	0.02	99.87
121.0-122.0	0.13	315.46	0.04	98.00	168.0-169.0	0.07	321.53	0.02	99.89
122.0-123.0	0.13	315.59	0.04	98.05	169.0-170.0	0.06	321.60	0.02	99.91
123.0-124.0	0.13	315.72	0.04	98.09	170.0-171.0	0.06	321.65	0.02	99.93
124.0-125.0	0.13	315.85	0.04	98.13	171.0-172.0	0.05	321.70	0.02	99.94
125.0-126.0	0.13	315.98	0.04	98.17	172.0-173.0	0.04	321.74	0.01	99.96
126.0-127.0	0.13	316.11	0.04	98.21	173.0-174.0	0.04	321.78	0.01	99.97
127.0-128.0	0.13	316.24	0.04	98.25	174.0-175.0	0.03	321.81	0.01	99.98
128.0-129.0	0.13	316.37	0.04	98.29	175.0-176.0	0.03	321.84	0.01	99.99
129.0-130.0	0.13	316.49	0.04	98.33	176.0-177.0	0.02	321.86	0.01	99.99
130.0-131.0	0.13	316.62	0.04	98.37	177.0-178.0	0.01	321.87	0.00	100.00
131.0-132.0	0.13	316.75	0.04	98.41	178.0-179.0	0.01	321.88	0.00	100.00
132.0-133.0	0.13	316.88	0.04	98.45	179.0-180.0	0.00	321.88	0.00	100.00
133.0-134.0	0.13	317.02	0.04	98.49					
134.0-135.0	0.13	317.15	0.04	98.53					
135.0-136.0	0.14	317.28	0.04	98.57					
136.0-137.0	0.14	317.42	0.04	98.62					
137.0-138.0	0.14	317.56	0.04	98.66					
138.0-139.0	0.14	317.70	0.04	98.70					
139.0-140.0	0.14	317.85	0.04	98.75					
140.0-141.0	0.15	318.00	0.05	98.79					

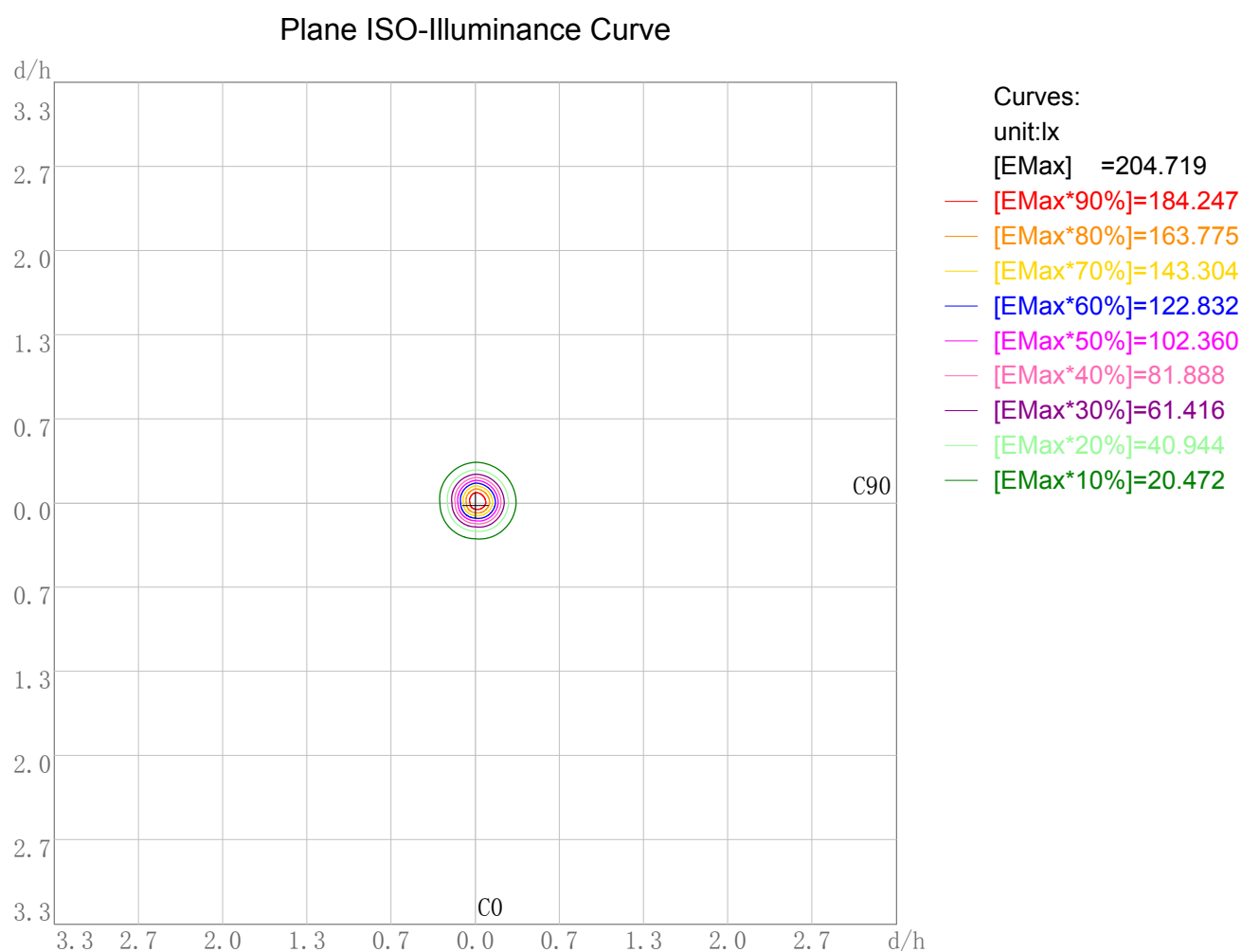
Rectangle ISO Lighting Intensity Diagram

Lum. Name:MD13-06-XX-01 3000K RA90 18D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2020/03/21



Photometric Filename:MD13-06-XX-01 3000K RA90 18D.IES

Lum. Name: MD13-06-XX-01 3000K RA90 18D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/21



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 204.72
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

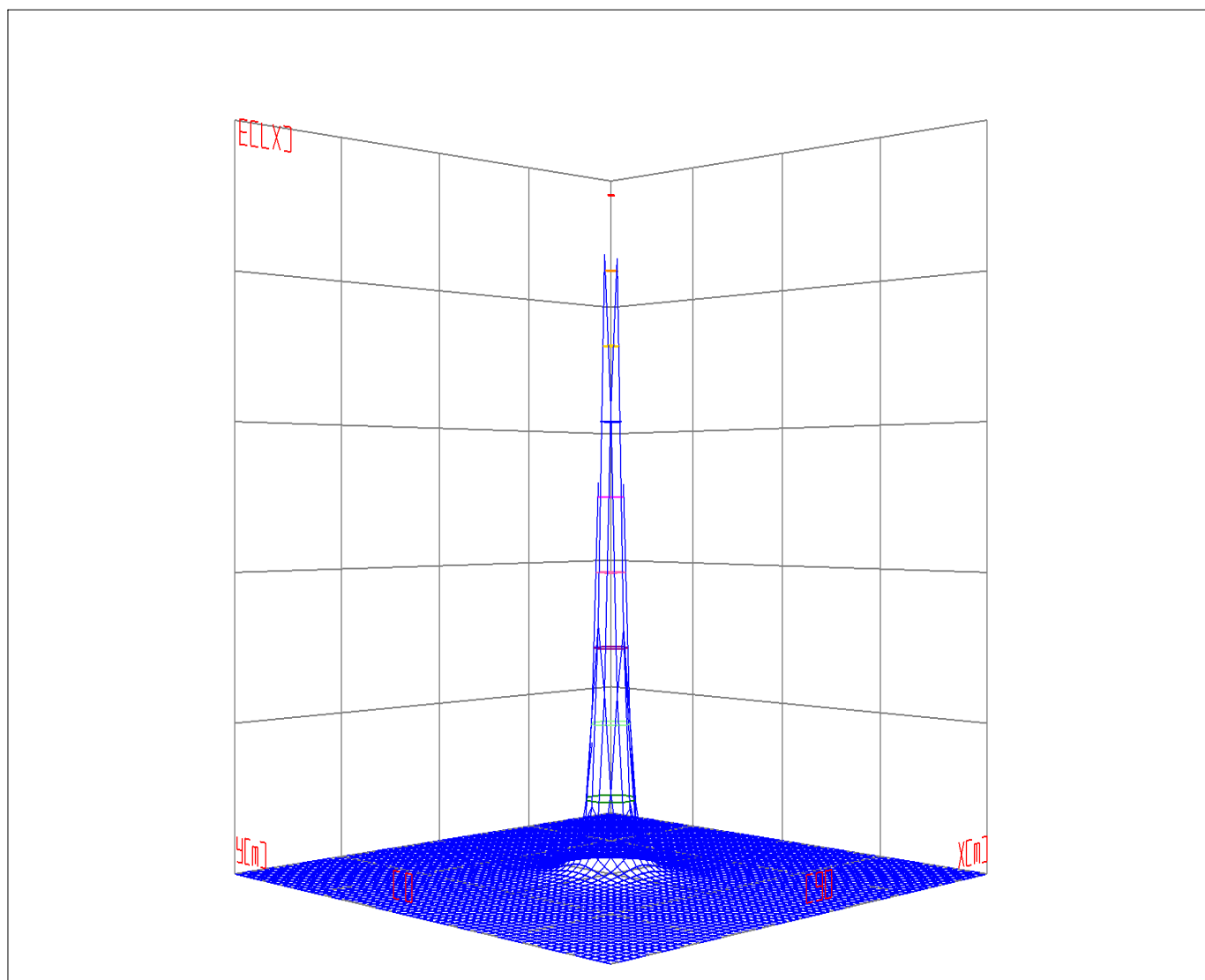
IES Indoor Report

Photometric Filename:MD13-06-XX-01 3000K RA90 18D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD13-06-XX-01 3000K RA90 18D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/21

3D Plane Illuminance Modal

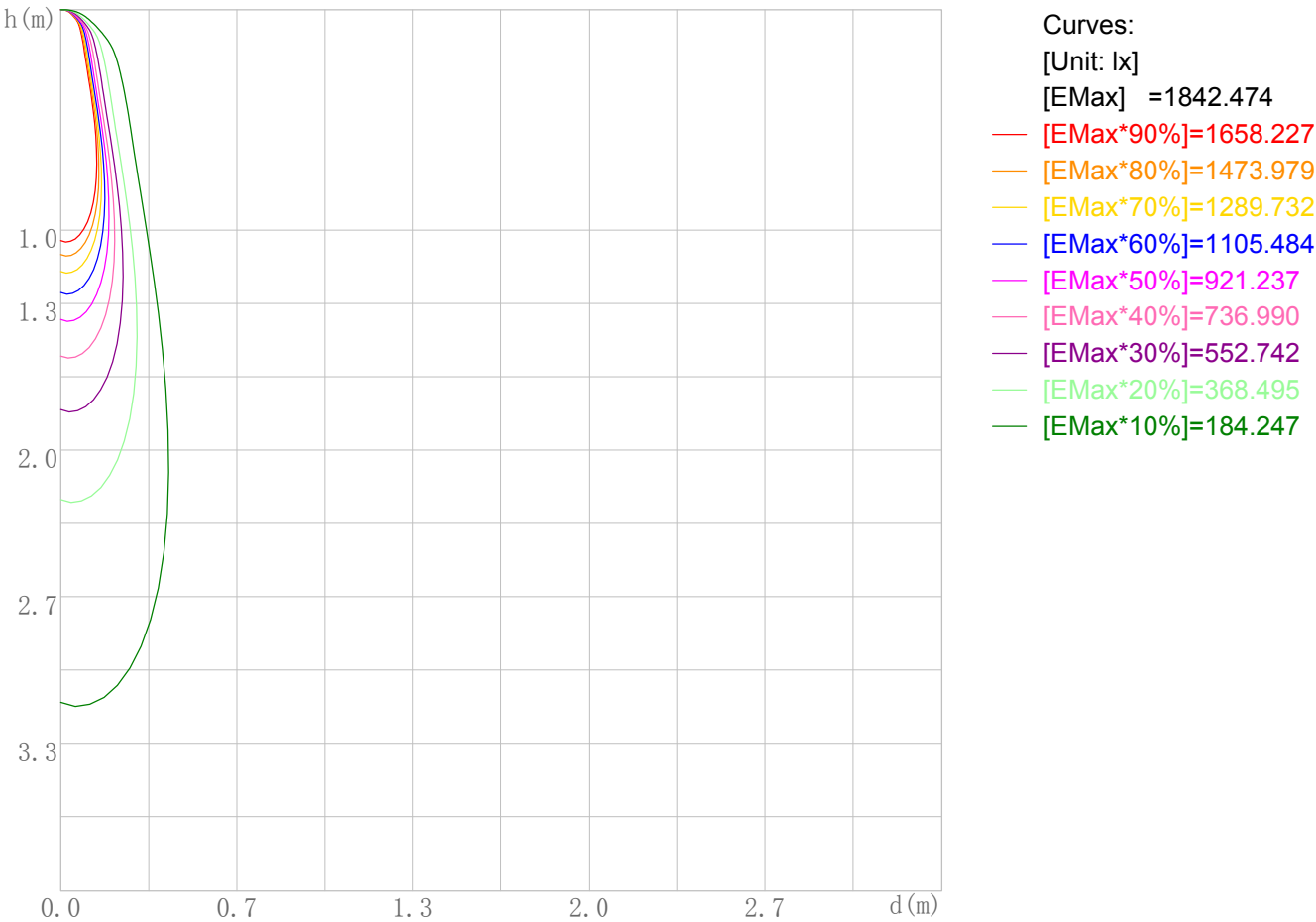


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD13-06-XX-01 3000K RA90 18D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/21

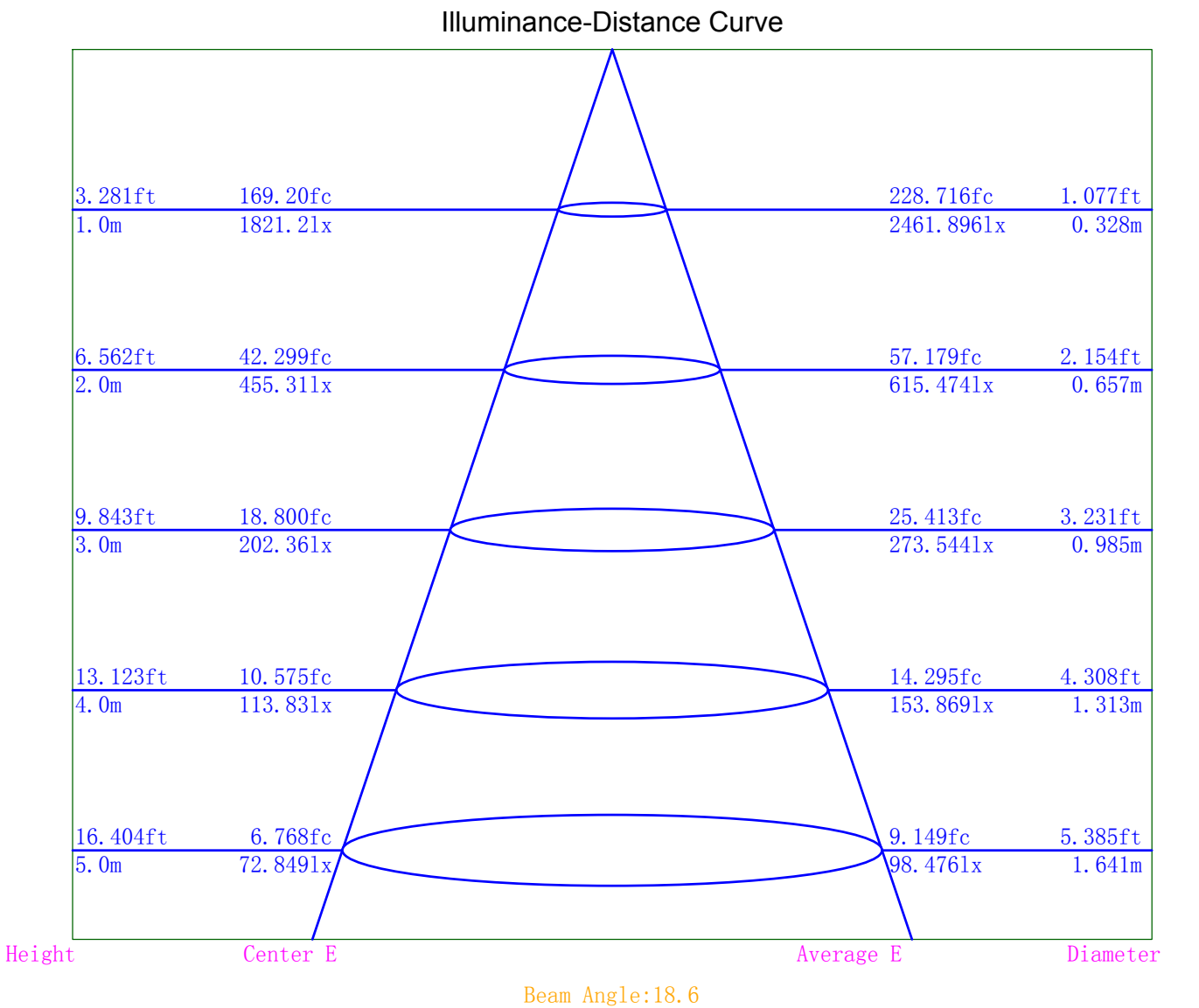
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1842.47lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:1843.316cd,0deg

Illuminance-Distance Diagram

Lum. Name:MD13-06-XX-01 3000K RA90 18D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2020/03/21



Indoor Luminance Limiting Curves

Lum. Name: MD13-06-XX-01 3000K RA90 18D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/21

Glare Grade Table

GI	Quality	Using Illuminance							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E	a				2000	1000	500	<=300
			b	c	d	e	f	g	h

Luminance Table

Gama(deg)	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

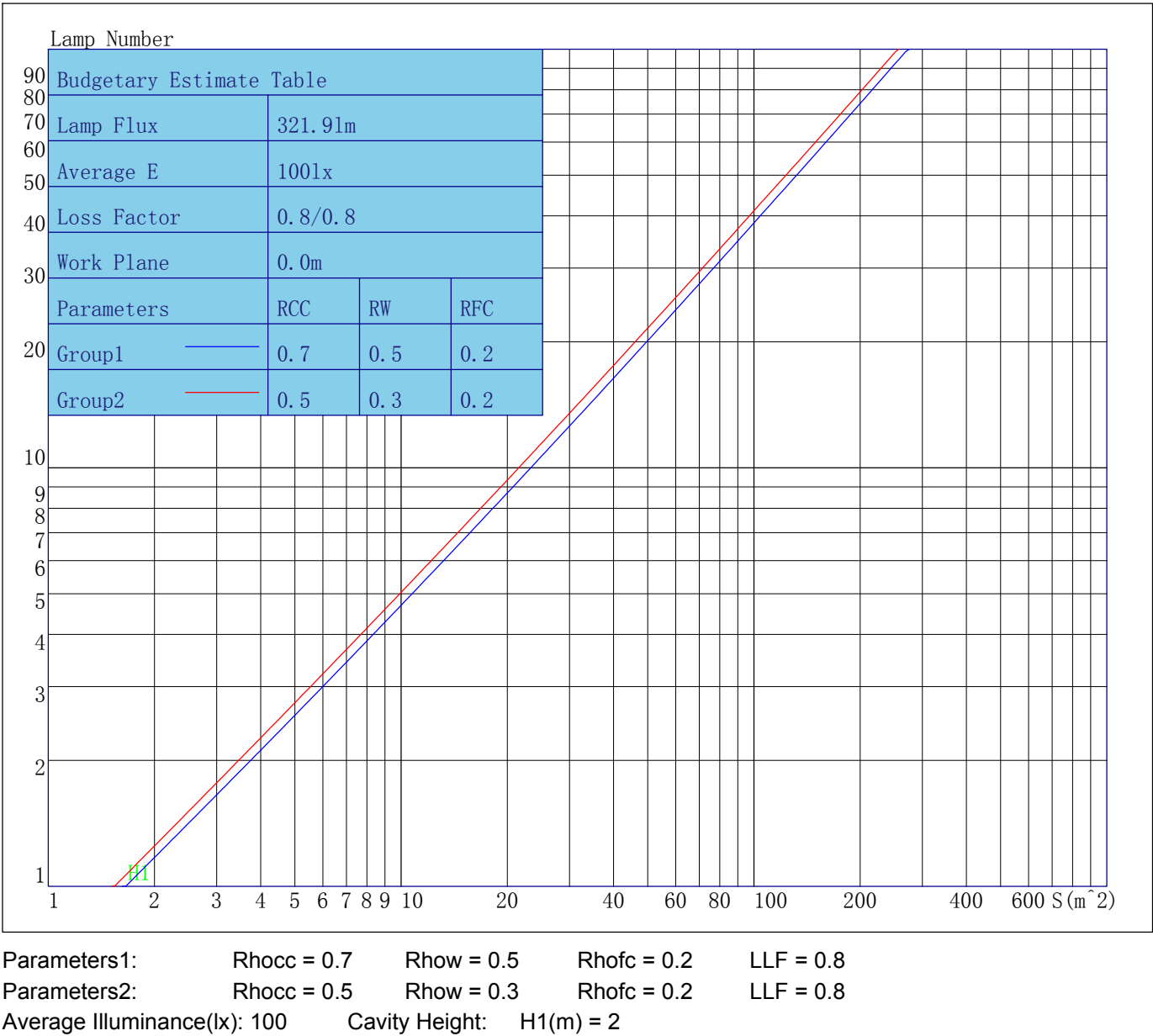
Luminance Limiting Curve



Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m^2)=0.000000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table

Lum. Name: MD13-06-XX-01 3000K RA90 18D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/21



Indoor Coefficient of Utilization Table

Lum. Name: MD13-06-XX-01 3000K RA90 18D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/21

Coefficients of Utilization - Zonal Cavity Method																		
Coef.	Effective Floor Cavity Reflectance RFC=0.20																	
RhoCC (%)	80				70				50			30			10			0
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Coefficient of Utilization(%)																	
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	96
1	113	110	108	105	110	107	105	103	103	101	99	98	97	96	94	93	93	90
2	108	103	99	96	105	101	98	95	97	95	92	94	92	90	91	89	87	86
3	103	98	93	90	101	96	92	89	93	90	87	90	87	85	87	85	83	82
4	99	93	88	84	97	92	87	84	89	85	82	87	84	81	84	82	80	78
5	96	89	84	80	94	88	83	80	86	82	79	84	80	78	82	79	77	75
6	93	85	80	77	91	84	80	76	82	78	75	81	77	75	79	76	74	73
7	90	82	77	74	88	81	77	73	80	76	73	78	75	72	77	74	72	70
8	87	79	74	71	86	79	74	71	77	73	70	76	73	70	75	72	69	68
9	84	77	72	69	83	76	72	69	75	71	68	74	70	68	73	70	68	66
10	82	75	70	67	81	74	70	67	73	69	66	72	69	66	71	68	66	65

Unified Glare Rating Table

Lum. Name: MD13-06-XX-01 3000K RA90 18D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/21

Unified Glare Rating Table

Ceiling RCC	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	
Wall RW	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	
Floor RFC	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
Room Size	Vewed crosswise					Vewed endwise					
X=2H Y=2H	-5.1	-4.1	-4.7	-3.7	-3.3	-5.1	-4.1	-4.7	-3.7	-3.3	
	Y=3H	-5.3	-4.4	-4.9	-4.0	-3.5	-5.3	-4.4	-4.9	-4.0	-3.5
	Y=4H	-5.4	-4.5	-4.9	-4.1	-3.6	-5.4	-4.5	-4.9	-4.1	-3.6
	Y=6H	-5.5	-4.7	-5.0	-4.3	-3.8	-5.5	-4.7	-5.0	-4.3	-3.8
	Y=8H	-5.6	-4.8	-5.1	-4.4	-3.9	-5.6	-4.8	-5.1	-4.4	-3.9
	Y=12H	-5.6	-4.9	-5.1	-4.5	-3.9	-5.6	-4.9	-5.1	-4.5	-3.9
X=4H Y=2H	-5.4	-4.5	-4.9	-4.1	-3.6	-5.4	-4.5	-4.9	-4.1	-3.6	
	Y=3H	-5.6	-4.9	-5.1	-4.4	-3.9	-5.6	-4.9	-5.1	-4.4	-3.9
	Y=4H	-5.7	-5.1	-5.2	-4.6	-4.1	-5.7	-5.1	-5.2	-4.6	-4.1
	Y=6H	-5.8	-5.3	-5.3	-4.8	-4.2	-5.8	-5.3	-5.3	-4.8	-4.2
	Y=8H	-5.9	-5.4	-5.4	-4.9	-4.3	-5.9	-5.4	-5.4	-4.9	-4.3
	Y=12H	-6.0	-5.5	-5.4	-5.0	-4.4	-6.0	-5.5	-5.4	-5.0	-4.4
X=8H Y=4H	-5.9	-5.4	-5.4	-4.9	-4.3	-5.9	-5.4	-5.4	-4.9	-4.3	
	Y=6H	-6.0	-5.6	-5.5	-5.0	-4.4	-6.0	-5.6	-5.5	-5.0	-4.4
	Y=8H	-6.1	-5.7	-5.5	-5.1	-4.6	-6.1	-5.7	-5.5	-5.1	-4.6
	Y=12H	-6.1	-5.8	-5.6	-5.3	-4.6	-6.1	-5.8	-5.6	-5.3	-4.6
X=12H Y=4H	-6.0	-5.5	-5.4	-5.0	-4.4	-6.0	-5.5	-5.4	-5.0	-4.4	
	Y=6H	-6.1	-5.7	-5.5	-5.2	-4.5	-6.1	-5.7	-5.5	-5.2	-4.5
	Y=8H	-6.1	-5.8	-5.6	-5.3	-4.6	-6.1	-5.8	-5.6	-5.3	-4.6
Variations with the objerver position at spacings											
S=1.0H	0.0/0.0					0.0/0.0					
S=1.5H	0.0/0.0					0.0/0.0					
S=2.0H	0.0/0.0					0.0/0.0					
Reduced UGR Table:											
Nordic Standard Table:	BK0					BK0					
Correction Value	0.0					0.0					

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

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	1821.23	1821.23	1821.23	1821.23
γ 1.0	1843.32	1822.52	1791.46	1763.83
γ 2.0	1834.48	1815.26	1725.54	1697.27
γ 3.0	1802.12	1785.16	1633.93	1607.20
γ 4.0	1745.27	1731.06	1519.35	1494.55
γ 5.0	1664.11	1653.82	1385.73	1367.07
γ 6.0	1563.66	1553.57	1238.96	1224.26
γ 7.0	1443.92	1434.91	1083.84	1075.20
γ 8.0	1307.65	1298.84	930.61	924.40
γ 9.0	1160.68	1149.75	783.30	779.26
γ 10.0	1009.32	996.43	649.62	645.20
γ 11.0	859.00	846.24	531.55	527.44
γ 12.0	717.39	702.96	430.75	428.27
γ 13.0	589.64	575.86	348.74	347.07
γ 14.0	479.92	467.06	283.83	282.84
γ 15.0	388.84	377.15	233.31	233.17
γ 16.0	315.27	305.20	194.59	194.38
γ 17.0	257.16	249.80	163.94	164.01
γ 18.0	212.89	207.20	139.65	139.74
γ 19.0	178.94	174.43	120.09	120.33
γ 20.0	152.70	148.59	104.34	104.55
γ 21.0	132.04	128.12	91.48	91.62
γ 22.0	115.64	111.53	80.94	80.97
γ 23.0	102.31	98.37	71.88	72.07
γ 24.0	91.44	87.39	64.35	64.65
γ 25.0	82.34	78.42	57.73	58.31
γ 26.0	74.67	70.86	52.15	52.93
γ 27.0	68.10	64.46	47.35	48.28
γ 28.0	62.38	58.94	43.24	44.35
γ 29.0	57.37	54.17	39.76	41.00
γ 30.0	53.04	49.99	36.51	38.06
γ 31.0	49.13	46.42	33.81	35.53
γ 32.0	45.74	43.22	31.49	33.36
γ 33.0	42.68	40.35	29.45	31.49
γ 34.0	39.92	37.80	27.69	29.84
γ 35.0	37.43	35.52	26.12	28.43
γ 36.0	35.22	33.43	24.78	27.16
γ 37.0	33.20	31.58	23.56	26.03
γ 38.0	31.40	29.86	22.43	24.98
γ 39.0	29.74	28.25	21.45	23.97
γ 40.0	28.19	26.73	20.58	23.07
γ 41.0	26.79	25.38	19.79	22.21
γ 42.0	25.53	24.09	19.05	21.38
γ 43.0	24.34	22.90	18.33	20.57
γ 44.0	23.23	21.80	17.66	19.75
γ 45.0	22.14	20.77	17.00	18.93
γ 46.0	21.14	19.77	16.35	18.14

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	20.14	18.80	15.67	17.34
γ 48.0	19.16	17.86	15.00	16.53
γ 49.0	18.19	16.95	14.31	15.72
γ 50.0	17.23	16.04	13.60	14.91
γ 51.0	16.23	15.11	12.89	14.12
γ 52.0	15.28	14.18	12.20	13.35
γ 53.0	14.34	13.27	11.50	12.62
γ 54.0	13.45	12.35	10.85	11.94
γ 55.0	12.61	11.52	10.24	11.29
γ 56.0	11.84	10.75	9.67	10.70
γ 57.0	11.10	10.04	9.15	10.14
γ 58.0	10.44	9.39	8.66	9.63
γ 59.0	9.84	8.85	8.22	9.18
γ 60.0	9.29	8.33	7.83	8.76
γ 61.0	8.81	7.88	7.43	8.36
γ 62.0	8.35	7.46	7.09	8.01
γ 63.0	7.95	7.09	6.78	7.68
γ 64.0	7.58	6.74	6.48	7.36
γ 65.0	7.22	6.45	6.23	7.09
γ 66.0	6.91	6.17	5.98	6.82
γ 67.0	6.63	5.93	5.76	6.58
γ 68.0	6.37	5.69	5.53	6.35
γ 69.0	6.14	5.48	5.34	6.16
γ 70.0	5.93	5.28	5.14	5.96
γ 71.0	5.73	5.10	4.96	5.78
γ 72.0	5.54	4.94	4.81	5.61
γ 73.0	5.37	4.78	4.66	5.45
γ 74.0	5.22	4.64	4.52	5.28
γ 75.0	5.08	4.49	4.38	5.14
γ 76.0	4.94	4.36	4.26	5.00
γ 77.0	4.81	4.24	4.14	4.88
γ 78.0	4.69	4.13	4.03	4.76
γ 79.0	4.56	4.03	3.91	4.62
γ 80.0	4.46	3.91	3.79	4.48
γ 81.0	4.34	3.79	3.65	4.34
γ 82.0	4.22	3.67	3.51	4.17
γ 83.0	4.09	3.53	3.33	3.96
γ 84.0	3.94	3.35	3.12	3.73
γ 85.0	3.76	3.17	2.87	3.45
γ 86.0	3.52	2.95	2.59	3.11
γ 87.0	3.23	2.68	2.27	2.75
γ 88.0	2.91	2.36	1.91	2.36
γ 89.0	2.54	2.02	1.65	2.11
γ 90.0	2.23	1.71	1.58	2.05
γ 91.0	2.12	1.60	1.55	2.00
γ 92.0	2.08	1.57	1.51	1.97
γ 93.0	2.05	1.55	1.49	1.93

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.02	1.53	1.47	1.89
γ 95.0	1.99	1.51	1.44	1.85
γ 96.0	1.97	1.49	1.42	1.82
γ 97.0	1.93	1.47	1.40	1.79
γ 98.0	1.91	1.45	1.38	1.76
γ 99.0	1.88	1.44	1.37	1.74
γ 100.0	1.86	1.42	1.35	1.72
γ 101.0	1.83	1.42	1.35	1.70
γ 102.0	1.81	1.40	1.34	1.68
γ 103.0	1.79	1.40	1.32	1.67
γ 104.0	1.78	1.39	1.32	1.65
γ 105.0	1.75	1.38	1.31	1.64
γ 106.0	1.75	1.37	1.31	1.64
γ 107.0	1.73	1.37	1.30	1.62
γ 108.0	1.71	1.37	1.30	1.62
γ 109.0	1.70	1.36	1.30	1.60
γ 110.0	1.69	1.35	1.31	1.61
γ 111.0	1.67	1.35	1.30	1.60
γ 112.0	1.65	1.34	1.31	1.59
γ 113.0	1.63	1.32	1.32	1.60
γ 114.0	1.62	1.32	1.31	1.59
γ 115.0	1.59	1.31	1.33	1.59
γ 116.0	1.58	1.30	1.33	1.59
γ 117.0	1.56	1.27	1.34	1.58
γ 118.0	1.54	1.27	1.34	1.59
γ 119.0	1.53	1.26	1.35	1.59
γ 120.0	1.51	1.24	1.37	1.59
γ 121.0	1.50	1.23	1.38	1.59
γ 122.0	1.49	1.22	1.38	1.60
γ 123.0	1.49	1.22	1.40	1.59
γ 124.0	1.48	1.23	1.42	1.61
γ 125.0	1.49	1.23	1.44	1.62
γ 126.0	1.49	1.23	1.45	1.63
γ 127.0	1.50	1.24	1.47	1.65
γ 128.0	1.51	1.26	1.50	1.67
γ 129.0	1.52	1.27	1.53	1.70
γ 130.0	1.54	1.30	1.56	1.73
γ 131.0	1.57	1.32	1.59	1.76
γ 132.0	1.59	1.35	1.64	1.81
γ 133.0	1.61	1.39	1.70	1.86
γ 134.0	1.65	1.43	1.74	1.92
γ 135.0	1.69	1.47	1.80	1.98
γ 136.0	1.73	1.51	1.88	2.04
γ 137.0	1.78	1.58	1.95	2.10
γ 138.0	1.84	1.63	2.02	2.18
γ 139.0	1.90	1.70	2.10	2.25
γ 140.0	1.97	1.76	2.18	2.33

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.03	1.85	2.27	2.41
γ 142.0	2.11	1.91	2.35	2.48
γ 143.0	2.18	2.00	2.43	2.56
γ 144.0	2.26	2.08	2.50	2.64
γ 145.0	2.33	2.15	2.59	2.71
γ 146.0	2.41	2.23	2.65	2.76
γ 147.0	2.49	2.31	2.73	2.83
γ 148.0	2.56	2.38	2.78	2.88
γ 149.0	2.63	2.46	2.83	2.92
γ 150.0	2.69	2.52	2.87	2.96
γ 151.0	2.76	2.58	2.92	2.99
γ 152.0	2.82	2.63	2.97	3.02
γ 153.0	2.87	2.68	2.99	3.04
γ 154.0	2.91	2.72	3.01	3.07
γ 155.0	2.94	2.75	3.05	3.07
γ 156.0	2.98	2.78	3.07	3.09
γ 157.0	3.01	2.81	3.08	3.10
γ 158.0	3.04	2.83	3.10	3.12
γ 159.0	3.06	2.85	3.11	3.12
γ 160.0	3.08	2.86	3.12	3.13
γ 161.0	3.10	2.88	3.13	3.13
γ 162.0	3.10	2.90	3.14	3.13
γ 163.0	3.12	2.91	3.14	3.14
γ 164.0	3.13	2.92	3.15	3.14
γ 165.0	3.14	2.94	3.16	3.13
γ 166.0	3.14	2.94	3.16	3.13
γ 167.0	3.15	2.95	3.15	3.12
γ 168.0	3.15	2.97	3.14	3.11
γ 169.0	3.14	2.97	3.13	3.08
γ 170.0	3.14	2.97	3.11	3.06
γ 171.0	3.13	2.97	3.09	3.03
γ 172.0	3.12	2.96	3.07	3.01
γ 173.0	3.10	2.95	3.05	2.99
γ 174.0	3.08	2.93	3.03	2.96
γ 175.0	3.07	2.92	3.02	2.95
γ 176.0	3.05	2.92	3.01	2.93
γ 177.0	3.04	2.91	3.01	2.93
γ 178.0	3.01	2.90	3.01	2.95
γ 179.0	3.01	2.88	3.01	2.96
γ 180.0	2.98	2.98	2.98	2.98