

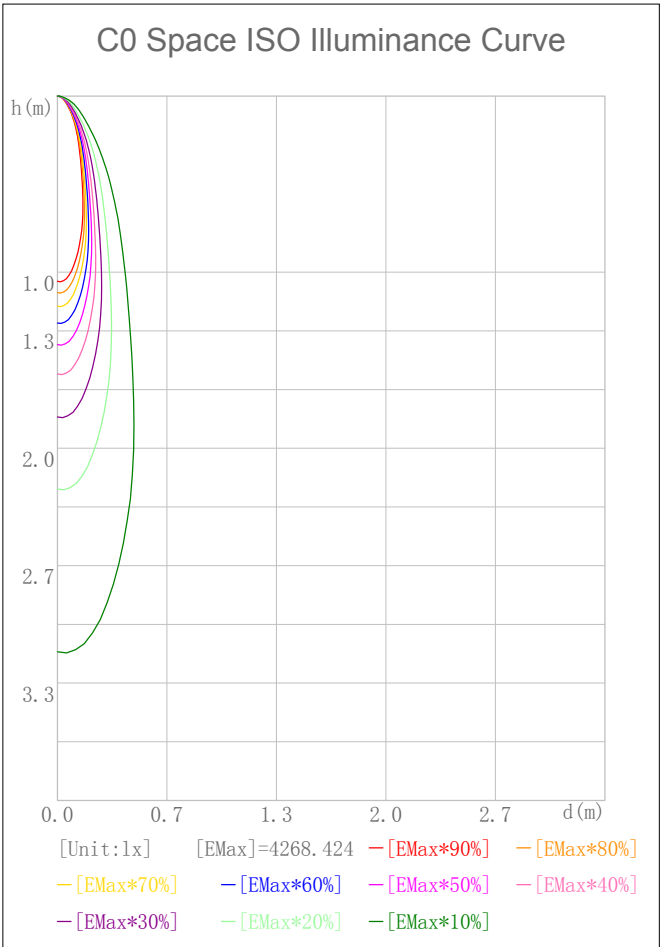
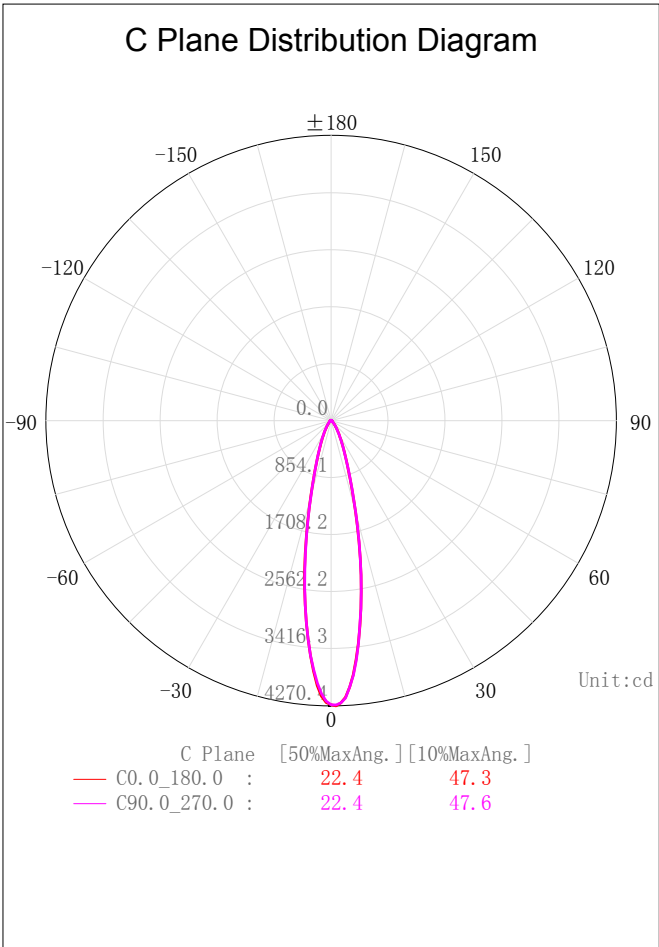
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-XX-01 2700K RA90 15D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/12/20
Manufacture: Shenzhen Norming Lighting Co., Ltd		Shld.Ang(°):	Test Machine:GON-2000
Test Lab: QUality peatment		Frequency (Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H):0.050m*0.050m*0.750m		Lum. Area (m2):0.040	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): 1021.840	Luminary Flux(lm): 1021.841	Field Angle(10%Imax): 47.3(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1014.884lm 99.32%	
Rated Voltage(V):	Luminary EER(lm/W): 81.878	Up Lumens&Percent: 6.958lm 0.68%	
Tested Power(W): 12.480	Max. Candela(cd): 4270.375	S/MH: C0_a180=0.381 C90_270=0.380	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.3, 0.054, 0.951	Beam Angle(50%Imax): 22.4(°)	ErP Φ use(90°): 958.402lm	
Lamp Size (W*L*H):0.050m*0.050m*0.750m	Left=-10.6°, Right=11.9°	IRF(%): 869.210	



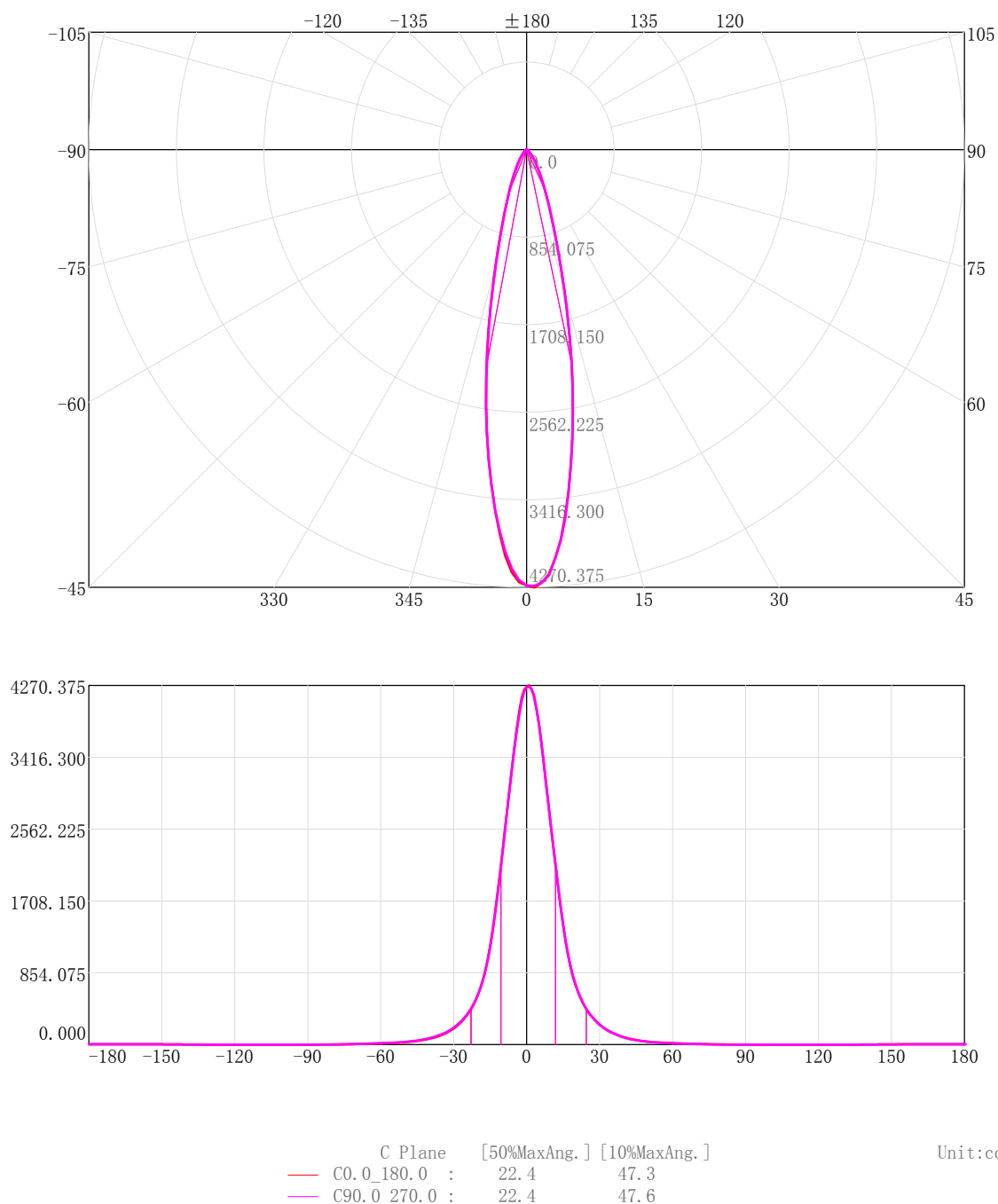
IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 15D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-XX-01 2700K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/20

C Plane Distribution Diagram



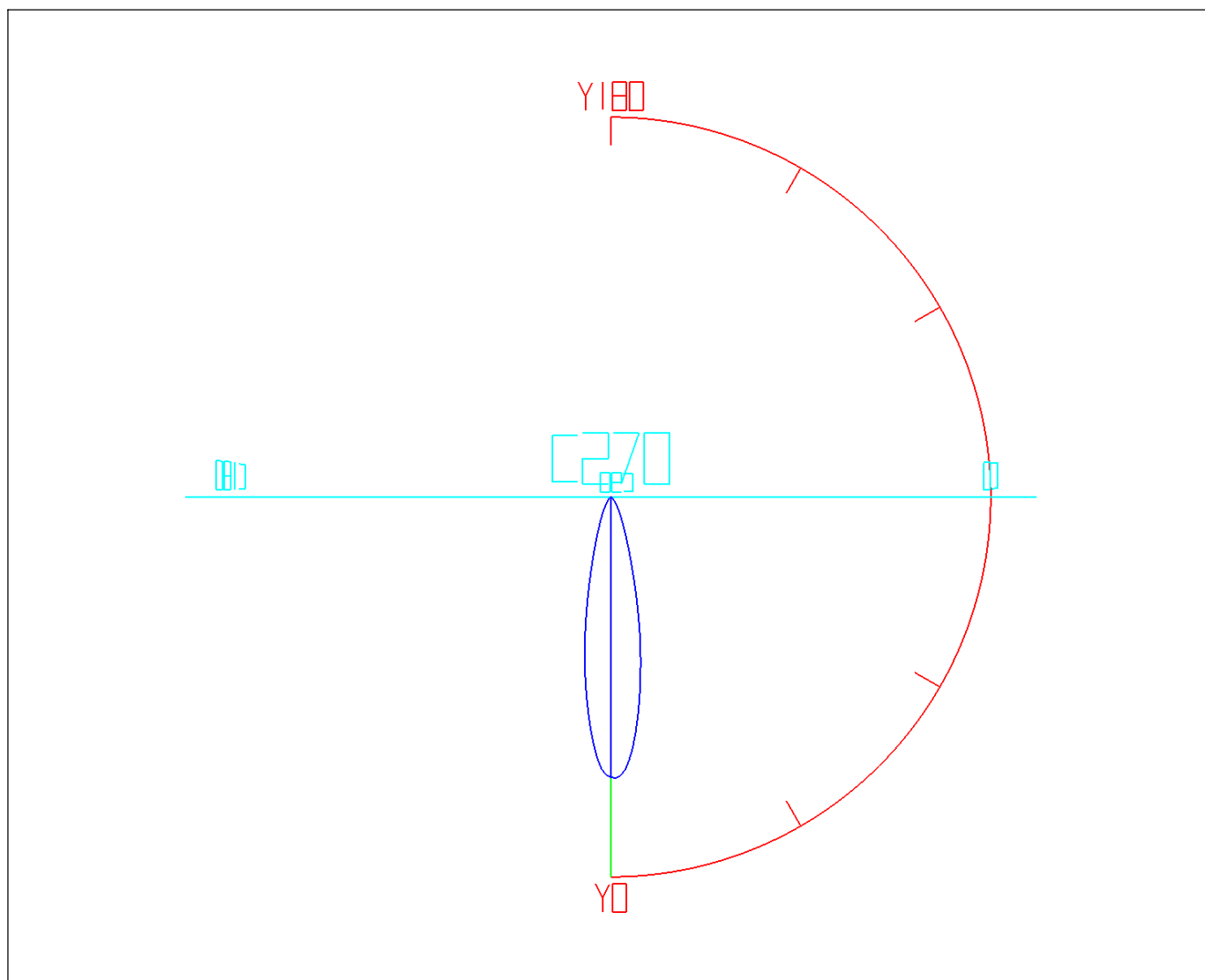
IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 15D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-XX-01 2700K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/20

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	4.06	4.06	0.40	0.40	47.0-48.0	3.29	969.55	0.32	94.88
1.0-2.0	12.06	16.12	1.18	1.58	48.0-49.0	3.07	972.61	0.30	95.18
2.0-3.0	19.66	35.78	1.92	3.50	49.0-50.0	2.87	975.48	0.28	95.46
3.0-4.0	26.52	62.30	2.60	6.10	50.0-51.0	2.68	978.16	0.26	95.73
4.0-5.0	32.47	94.77	3.18	9.27	51.0-52.0	2.52	980.68	0.25	95.97
5.0-6.0	37.41	132.18	3.66	12.94	52.0-53.0	2.37	983.04	0.23	96.20
6.0-7.0	41.23	173.41	4.04	16.97	53.0-54.0	2.23	985.28	0.22	96.42
7.0-8.0	43.96	217.36	4.30	21.27	54.0-55.0	2.11	987.39	0.21	96.63
8.0-9.0	45.65	263.02	4.47	25.74	55.0-56.0	2.00	989.38	0.20	96.82
9.0-10.0	46.35	309.37	4.54	30.28	56.0-57.0	1.89	991.27	0.18	97.01
10.0-11.0	46.13	355.51	4.51	34.79	57.0-58.0	1.79	993.06	0.18	97.18
11.0-12.0	45.09	400.60	4.41	39.20	58.0-59.0	1.70	994.76	0.17	97.35
12.0-13.0	43.27	443.87	4.23	43.44	59.0-60.0	1.62	996.38	0.16	97.51
13.0-14.0	40.91	484.78	4.00	47.44	60.0-61.0	1.53	997.91	0.15	97.66
14.0-15.0	38.21	523.00	3.74	51.18	61.0-62.0	1.46	999.37	0.14	97.80
15.0-16.0	35.39	558.39	3.46	54.65	62.0-63.0	1.38	1000.74	0.13	97.94
16.0-17.0	32.68	591.06	3.20	57.84	63.0-64.0	1.30	1002.05	0.13	98.06
17.0-18.0	30.16	621.22	2.95	60.79	64.0-65.0	1.23	1003.28	0.12	98.18
18.0-19.0	27.83	649.05	2.72	63.52	65.0-66.0	1.16	1004.44	0.11	98.30
19.0-20.0	25.72	674.77	2.52	66.03	66.0-67.0	1.08	1005.52	0.11	98.40
20.0-21.0	23.82	698.59	2.33	68.37	67.0-68.0	1.00	1006.52	0.10	98.50
21.0-22.0	22.11	720.70	2.16	70.53	68.0-69.0	0.92	1007.45	0.09	98.59
22.0-23.0	20.57	741.27	2.01	72.54	69.0-70.0	0.85	1008.30	0.08	98.67
23.0-24.0	19.17	760.43	1.88	74.42	70.0-71.0	0.78	1009.08	0.08	98.75
24.0-25.0	17.85	778.28	1.75	76.17	71.0-72.0	0.72	1009.80	0.07	98.82
25.0-26.0	16.62	794.91	1.63	77.79	72.0-73.0	0.66	1010.45	0.06	98.89
26.0-27.0	15.48	810.39	1.52	79.31	73.0-74.0	0.60	1011.05	0.06	98.94
27.0-28.0	14.41	824.80	1.41	80.72	74.0-75.0	0.54	1011.59	0.05	99.00
28.0-29.0	13.39	838.19	1.31	82.03	75.0-76.0	0.47	1012.06	0.05	99.04
29.0-30.0	12.43	850.63	1.22	83.24	76.0-77.0	0.40	1012.46	0.04	99.08
30.0-31.0	11.54	862.17	1.13	84.37	77.0-78.0	0.34	1012.80	0.03	99.11
31.0-32.0	10.72	872.89	1.05	85.42	78.0-79.0	0.29	1013.09	0.03	99.14
32.0-33.0	9.95	882.84	0.97	86.40	79.0-80.0	0.26	1013.34	0.03	99.17
33.0-34.0	9.24	892.08	0.90	87.30	80.0-81.0	0.23	1013.58	0.02	99.19
34.0-35.0	8.58	900.67	0.84	88.14	81.0-82.0	0.22	1013.79	0.02	99.21
35.0-36.0	7.97	908.64	0.78	88.92	82.0-83.0	0.20	1013.99	0.02	99.23
36.0-37.0	7.39	916.03	0.72	89.65	83.0-84.0	0.18	1014.17	0.02	99.25
37.0-38.0	6.86	922.89	0.67	90.32	84.0-85.0	0.16	1014.33	0.02	99.27
38.0-39.0	6.36	929.25	0.62	90.94	85.0-86.0	0.14	1014.48	0.01	99.28
39.0-40.0	5.90	935.15	0.58	91.52	86.0-87.0	0.13	1014.60	0.01	99.29
40.0-41.0	5.49	940.63	0.54	92.05	87.0-88.0	0.11	1014.71	0.01	99.30
41.0-42.0	5.09	945.73	0.50	92.55	88.0-89.0	0.09	1014.81	0.01	99.31
42.0-43.0	4.73	950.46	0.46	93.01	89.0-90.0	0.08	1014.88	0.01	99.32
43.0-44.0	4.39	954.85	0.43	93.44	90.0-91.0	0.07	1014.95	0.01	99.33
44.0-45.0	4.08	958.94	0.40	93.84	91.0-92.0	0.06	1015.01	0.01	99.33
45.0-46.0	3.79	962.73	0.37	94.22	92.0-93.0	0.05	1015.05	0.00	99.34
46.0-47.0	3.53	966.26	0.35	94.56	93.0-94.0	0.04	1015.09	0.00	99.34

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	0.03	1015.12	0.00	99.34	141.0-142.0	0.15	1016.20	0.01	99.45
95.0-96.0	0.02	1015.15	0.00	99.34	142.0-143.0	0.16	1016.36	0.02	99.46
96.0-97.0	0.02	1015.17	0.00	99.35	143.0-144.0	0.17	1016.53	0.02	99.48
97.0-98.0	0.01	1015.18	0.00	99.35	144.0-145.0	0.18	1016.71	0.02	99.50
98.0-99.0	0.01	1015.19	0.00	99.35	145.0-146.0	0.19	1016.91	0.02	99.52
99.0-100.0	0.01	1015.20	0.00	99.35	146.0-147.0	0.20	1017.11	0.02	99.54
100.0-101.0	0.00	1015.20	0.00	99.35	147.0-148.0	0.21	1017.31	0.02	99.56
101.0-102.0	0.00	1015.21	0.00	99.35	148.0-149.0	0.21	1017.52	0.02	99.58
102.0-103.0	0.00	1015.21	0.00	99.35	149.0-150.0	0.22	1017.74	0.02	99.60
103.0-104.0	0.00	1015.21	0.00	99.35	150.0-151.0	0.22	1017.96	0.02	99.62
104.0-105.0	0.00	1015.21	0.00	99.35	151.0-152.0	0.22	1018.18	0.02	99.64
105.0-106.0	0.00	1015.21	0.00	99.35	152.0-153.0	0.22	1018.40	0.02	99.66
106.0-107.0	0.00	1015.21	0.00	99.35	153.0-154.0	0.22	1018.62	0.02	99.68
107.0-108.0	0.00	1015.21	0.00	99.35	154.0-155.0	0.22	1018.84	0.02	99.71
108.0-109.0	0.00	1015.21	0.00	99.35	155.0-156.0	0.21	1019.05	0.02	99.73
109.0-110.0	0.00	1015.21	0.00	99.35	156.0-157.0	0.21	1019.26	0.02	99.75
110.0-111.0	0.00	1015.21	0.00	99.35	157.0-158.0	0.21	1019.47	0.02	99.77
111.0-112.0	0.00	1015.21	0.00	99.35	158.0-159.0	0.20	1019.67	0.02	99.79
112.0-113.0	0.00	1015.21	0.00	99.35	159.0-160.0	0.19	1019.86	0.02	99.81
113.0-114.0	0.00	1015.21	0.00	99.35	160.0-161.0	0.19	1020.05	0.02	99.82
114.0-115.0	0.00	1015.21	0.00	99.35	161.0-162.0	0.18	1020.23	0.02	99.84
115.0-116.0	0.00	1015.21	0.00	99.35	162.0-163.0	0.17	1020.40	0.02	99.86
116.0-117.0	0.00	1015.21	0.00	99.35	163.0-164.0	0.16	1020.56	0.02	99.87
117.0-118.0	0.00	1015.21	0.00	99.35	164.0-165.0	0.15	1020.72	0.02	99.89
118.0-119.0	0.00	1015.21	0.00	99.35	165.0-166.0	0.15	1020.86	0.01	99.90
119.0-120.0	0.00	1015.21	0.00	99.35	166.0-167.0	0.14	1021.00	0.01	99.92
120.0-121.0	0.00	1015.21	0.00	99.35	167.0-168.0	0.13	1021.12	0.01	99.93
121.0-122.0	0.00	1015.21	0.00	99.35	168.0-169.0	0.12	1021.24	0.01	99.94
122.0-123.0	0.00	1015.21	0.00	99.35	169.0-170.0	0.11	1021.34	0.01	99.95
123.0-124.0	0.00	1015.21	0.00	99.35	170.0-171.0	0.10	1021.44	0.01	99.96
124.0-125.0	0.00	1015.21	0.00	99.35	171.0-172.0	0.09	1021.52	0.01	99.97
125.0-126.0	0.00	1015.22	0.00	99.35	172.0-173.0	0.07	1021.60	0.01	99.98
126.0-127.0	0.00	1015.22	0.00	99.35	173.0-174.0	0.06	1021.66	0.01	99.98
127.0-128.0	0.01	1015.22	0.00	99.35	174.0-175.0	0.05	1021.72	0.01	99.99
128.0-129.0	0.01	1015.23	0.00	99.35	175.0-176.0	0.04	1021.76	0.00	99.99
129.0-130.0	0.01	1015.24	0.00	99.35	176.0-177.0	0.03	1021.80	0.00	100.00
130.0-131.0	0.02	1015.26	0.00	99.36	177.0-178.0	0.02	1021.82	0.00	100.00
131.0-132.0	0.02	1015.29	0.00	99.36	178.0-179.0	0.01	1021.84	0.00	100.00
132.0-133.0	0.03	1015.32	0.00	99.36	179.0-180.0	0.00	1021.84	0.00	100.00
133.0-134.0	0.05	1015.37	0.00	99.37					
134.0-135.0	0.06	1015.43	0.01	99.37					
135.0-136.0	0.07	1015.50	0.01	99.38					
136.0-137.0	0.08	1015.58	0.01	99.39					
137.0-138.0	0.10	1015.68	0.01	99.40					
138.0-139.0	0.11	1015.79	0.01	99.41					
139.0-140.0	0.12	1015.91	0.01	99.42					
140.0-141.0	0.14	1016.05	0.01	99.43					

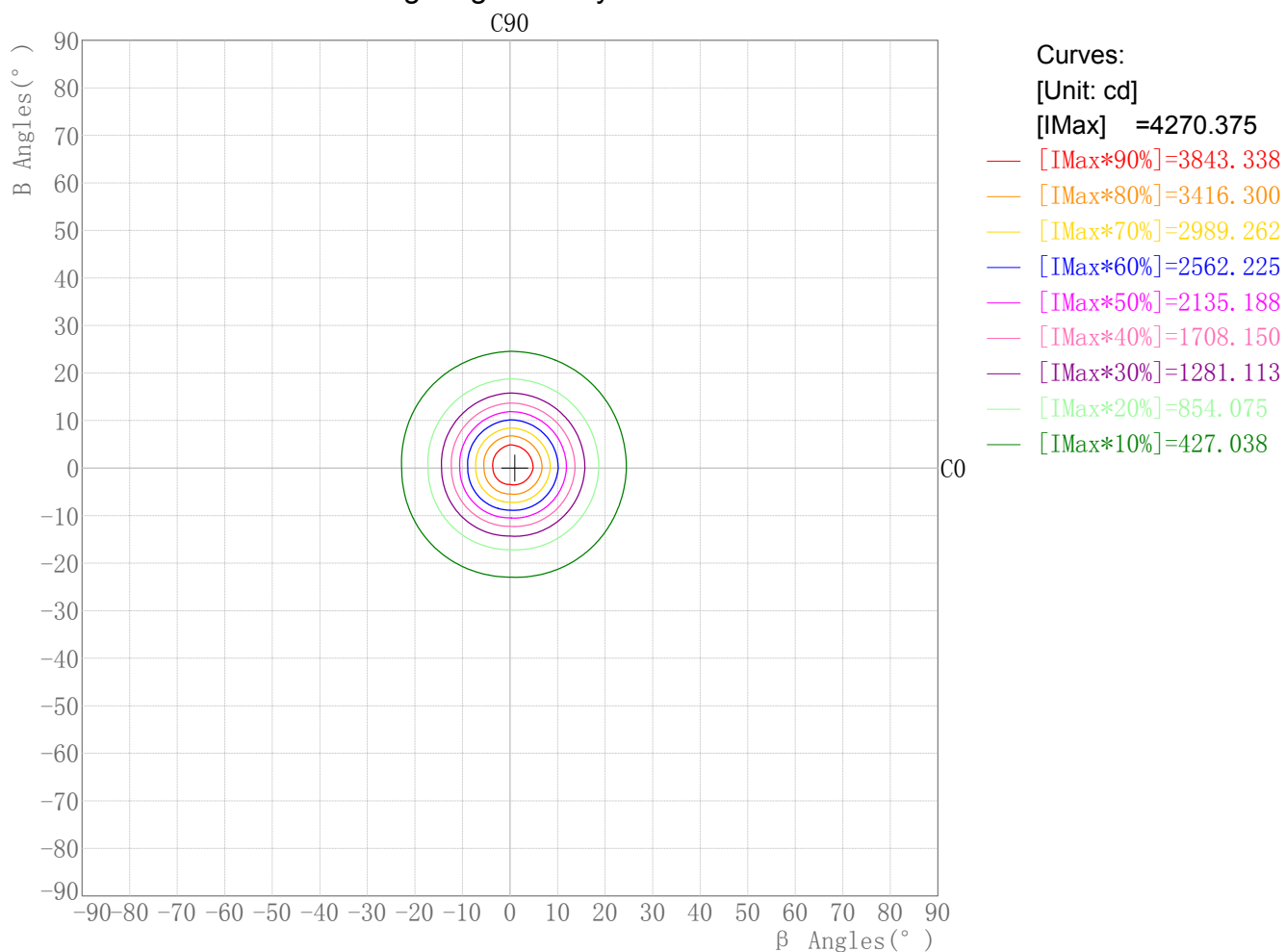
IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 15D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-13-XX-01 2700K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/20

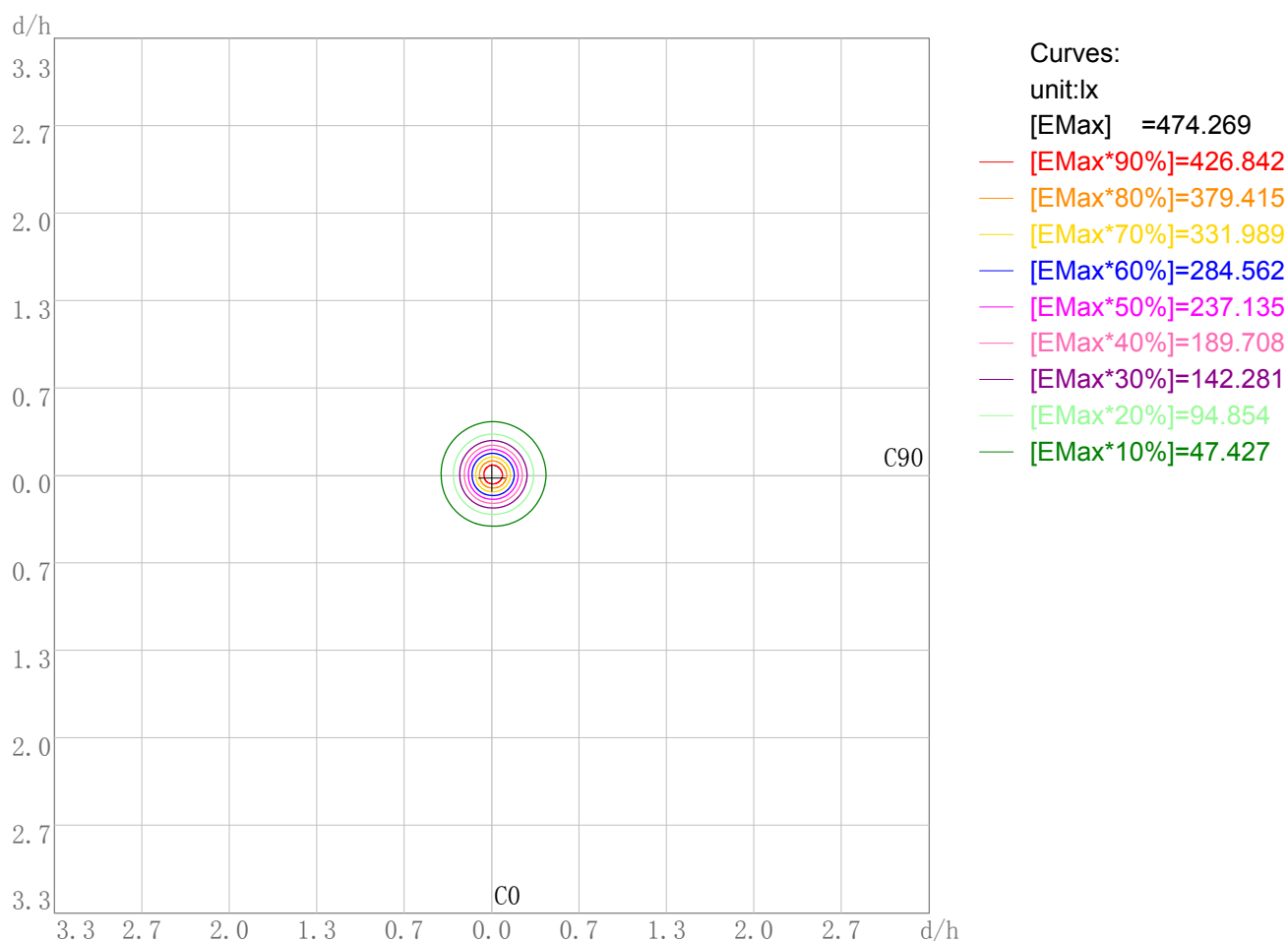
ISO Lighting Intensity Curve



Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-XX-01 2700K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/20

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 474.27

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

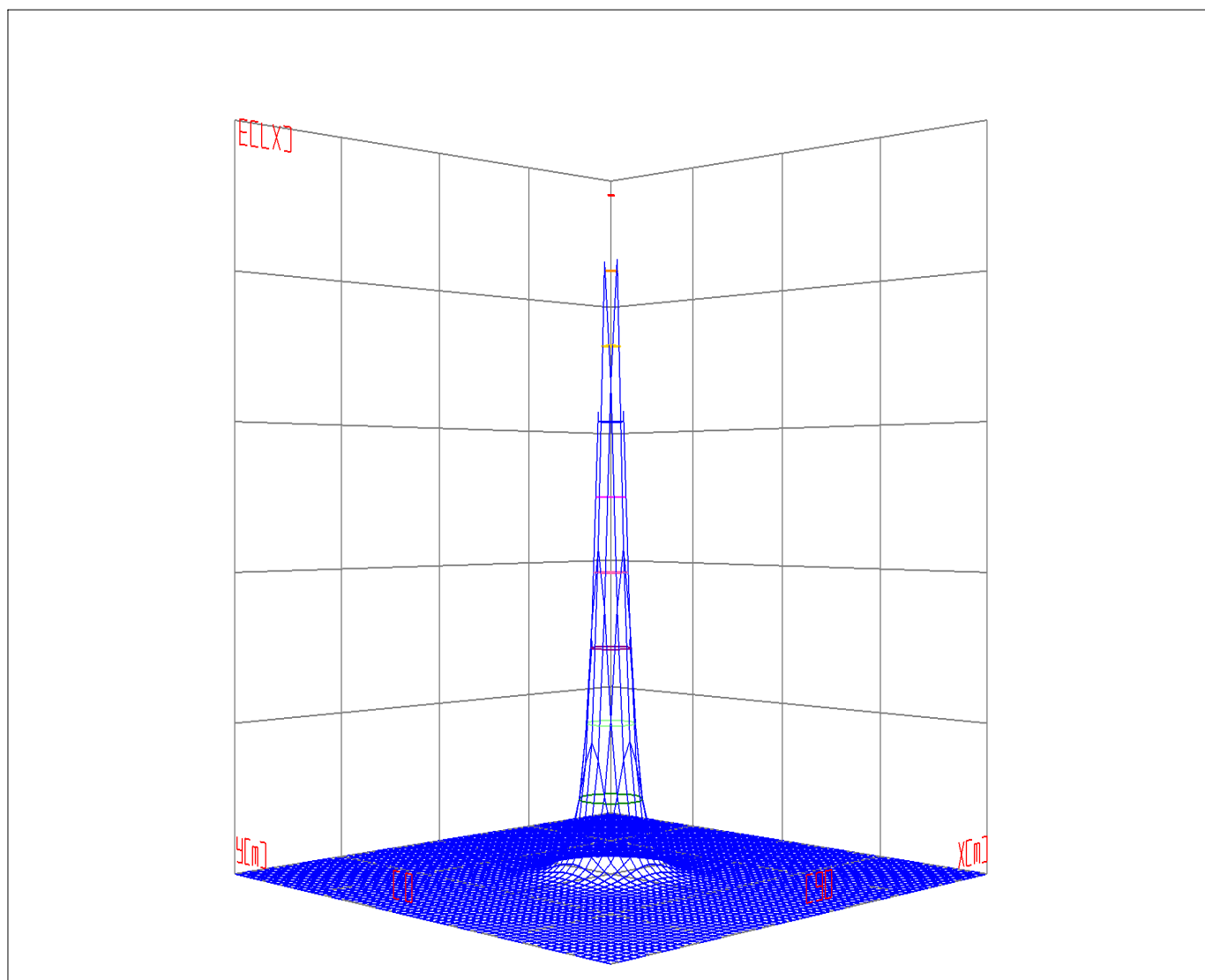
IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 15D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-XX-01 2700K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/20

3D Plane Illuminance Modal

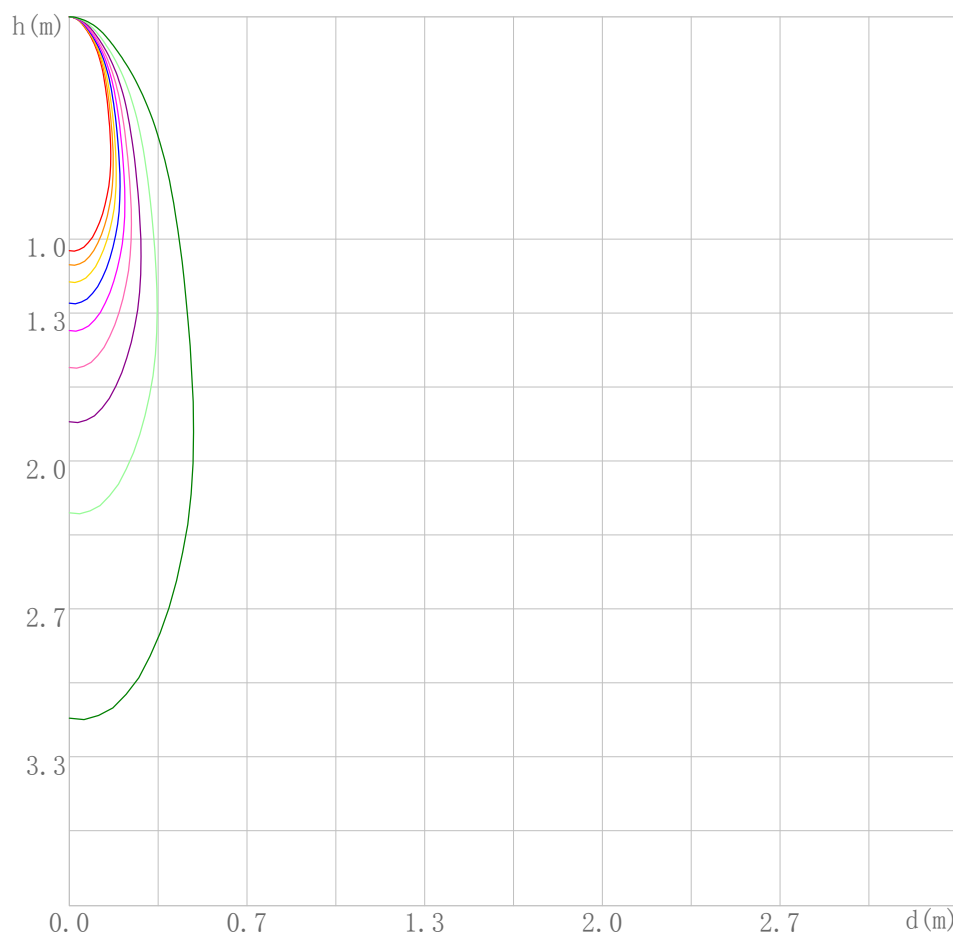


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-13-XX-01 2700K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/20

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =4268.424

— [EMax*90%]=3841.582

— [EMax*80%]=3414.739

— [EMax*70%]=2987.897

— [EMax*60%]=2561.054

— [EMax*50%]=2134.212

— [EMax*40%]=1707.370

— [EMax*30%]=1280.527

— [EMax*20%]=853.685

— [EMax*10%]=426.842

Space Plane Maximum Illuminance and @Angle:4268.42lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:4270.375cd,0deg

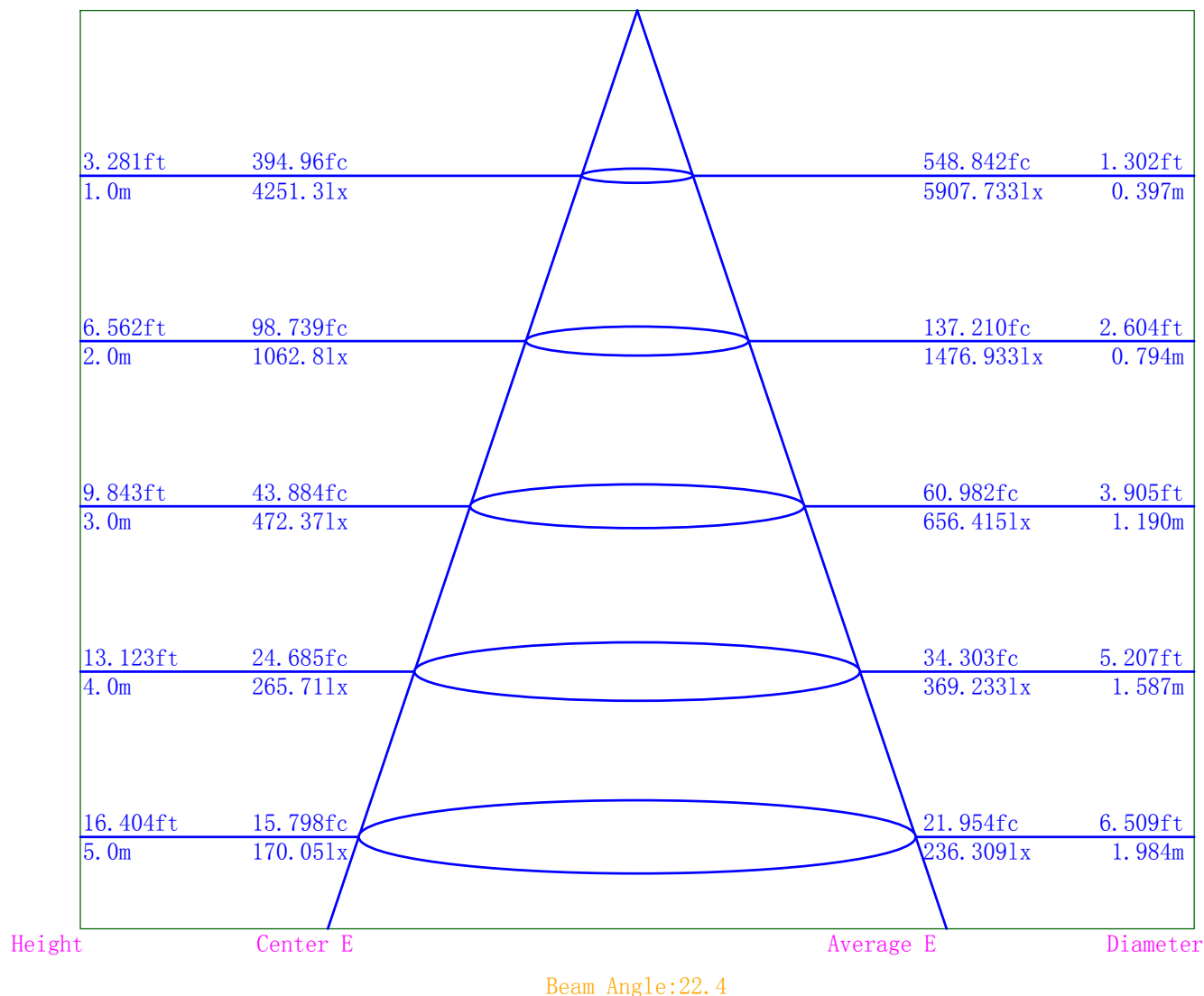
IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 15D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-13-XX-01 2700K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/20

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 15D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-XX-01 2700K RA90 15D	Lum. Catalog: LED	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/20

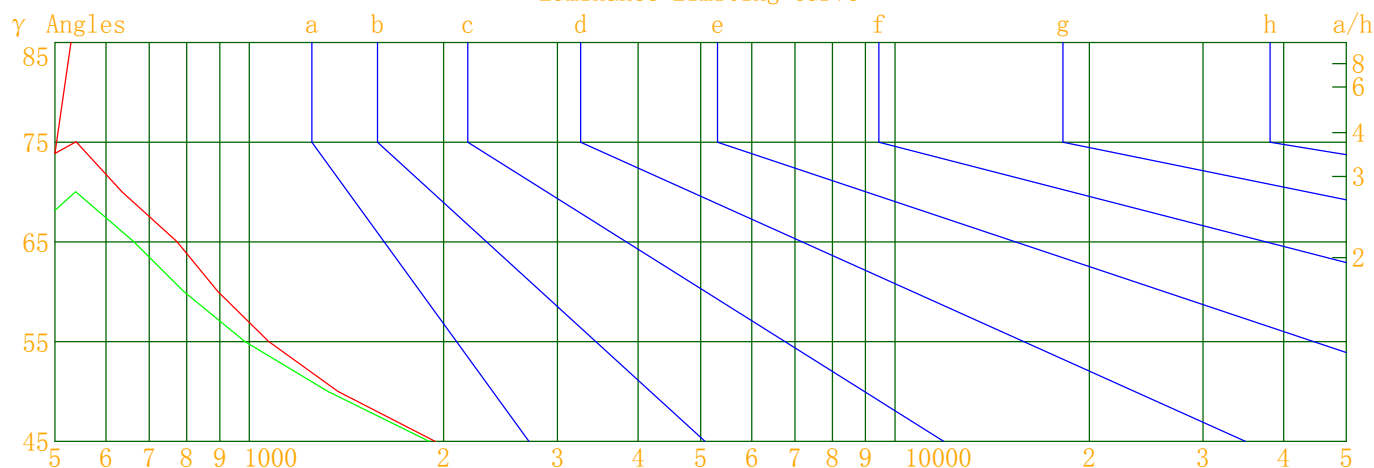
Glare Grade Table

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	1940	1372	1071	894	773	635	539	391	530
C90	1900	1323	984	792	662	538	442	268	301

Luminance Limiting Curve



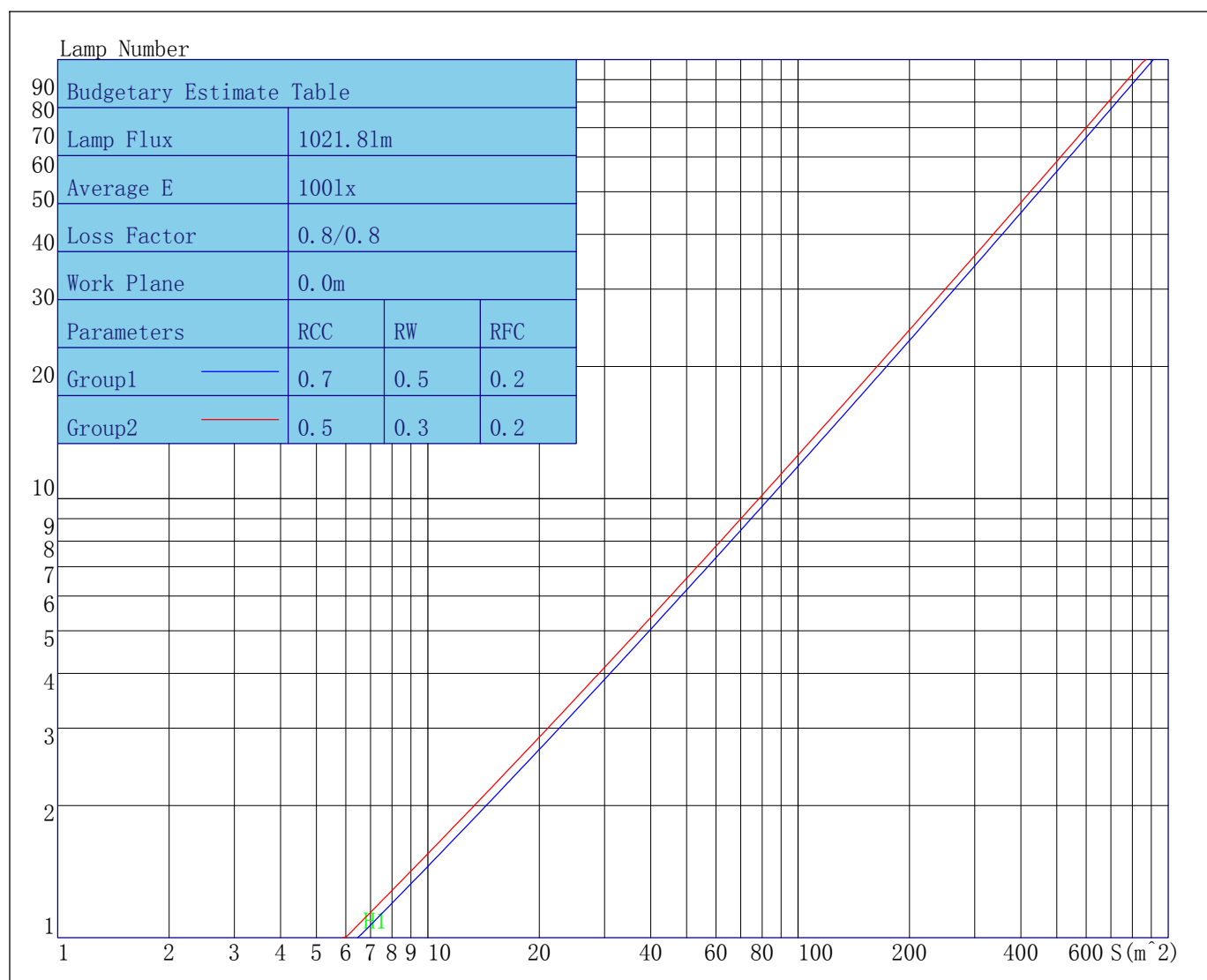
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.750 Area(m^2)=0.040000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 15D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-XX-01 2700K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/20



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

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID; Lamp Name, Lamp Catalog, Test Lab; Manufacture, Test Machine, Test Date.

Table with 2 main sections: Coefficients of Utilization - Zonal Cavity Method and Coefficient of Utilization(%). The first section includes RhoCC, RhoW, and RCR values. The second section is a grid of utilization coefficients for different room parameters.

Unified Glare Rating Table

Lum. Name: MD10-13-XX-01 2700K RA90 15D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: QQualty peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/20

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	8.7	9.6	9.0	10.0	10.3	8.4	9.4	8.7	9.7	10.0
	9.0	9.9	9.4	10.2	10.6	8.6	9.5	9.0	9.8	10.2
	9.1	9.9	9.5	10.3	10.7	8.7	9.5	9.1	9.9	10.3
	9.1	9.9	9.6	10.3	10.7	8.7	9.4	9.1	9.8	10.2
	9.1	9.8	9.6	10.2	10.7	8.6	9.3	9.1	9.7	10.2
	9.1	9.8	9.6	10.2	10.6	8.6	9.3	9.1	9.7	10.1
X=4H Y=2H	8.7	9.5	9.1	9.9	10.3	8.4	9.2	8.8	9.6	10.0
	9.2	9.8	9.6	10.2	10.7	8.8	9.4	9.2	9.8	10.3
	9.3	9.9	9.8	10.4	10.8	8.9	9.5	9.3	9.9	10.4
	9.4	9.9	9.9	10.4	10.9	8.9	9.4	9.4	9.9	10.3
	9.4	9.9	9.9	10.4	10.9	8.9	9.3	9.4	9.8	10.3
	9.5	9.9	10.0	10.4	10.9	8.9	9.3	9.4	9.8	10.3
X=8H Y=4H	9.3	9.8	9.8	10.2	10.7	8.8	9.3	9.3	9.8	10.2
	9.4	9.8	9.9	10.3	10.8	8.9	9.2	9.4	9.8	10.3
	9.5	9.8	10.0	10.3	10.8	8.9	9.2	9.4	9.7	10.2
	9.6	9.9	10.1	10.4	11.0	8.9	9.2	9.4	9.7	10.3
X=12H Y=4H	9.2	9.6	9.7	10.1	10.6	8.8	9.2	9.3	9.7	10.2
	9.4	9.7	9.9	10.2	10.8	8.8	9.2	9.4	9.6	10.2
	9.5	9.7	10.0	10.3	10.9	8.9	9.1	9.4	9.7	10.2
Variations with the objerver position at spacings										
S=1.0H	0.5/-0.5					0.7/-0.8				
S=1.5H	1.1/-1.2					1.3/-1.5				
S=2.0H	1.6/-1.7					1.8/-2.1				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.0					0.8				

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	4251.31	4251.31	4251.31	4251.31
γ 1.0	4270.38	4256.15	4219.15	4198.85
γ 2.0	4226.74	4225.94	4125.90	4090.80
γ 3.0	4145.90	4158.16	3969.39	3931.29
γ 4.0	3996.03	3997.30	3758.87	3733.87
γ 5.0	3819.08	3826.72	3530.99	3525.15
γ 6.0	3592.86	3611.05	3285.61	3284.58
γ 7.0	3357.42	3361.60	3041.08	3036.73
γ 8.0	3107.09	3096.35	2784.57	2782.09
γ 9.0	2851.94	2851.44	2536.49	2522.54
γ 10.0	2594.86	2598.64	2276.45	2256.54
γ 11.0	2355.12	2353.71	2027.77	2004.99
γ 12.0	2103.66	2106.66	1782.36	1766.31
γ 13.0	1862.04	1863.61	1558.51	1542.66
γ 14.0	1631.56	1637.16	1352.72	1336.73
γ 15.0	1421.96	1427.86	1170.23	1155.20
γ 16.0	1230.36	1241.99	1013.00	1000.23
γ 17.0	1070.93	1082.36	881.65	872.88
γ 18.0	932.73	942.45	769.86	763.44
γ 19.0	815.79	825.18	675.77	673.43
γ 20.0	718.06	724.02	592.42	595.99
γ 21.0	636.59	640.03	523.62	530.74
γ 22.0	564.85	568.53	464.42	472.46
γ 23.0	502.86	507.54	416.45	424.25
γ 24.0	448.79	453.67	372.62	380.35
γ 25.0	403.25	405.74	333.54	342.24
γ 26.0	362.53	364.11	298.32	307.28
γ 27.0	327.74	327.02	267.61	276.53
γ 28.0	295.38	293.63	239.46	249.26
γ 29.0	266.33	264.03	215.15	224.62
γ 30.0	239.85	236.99	192.83	202.28
γ 31.0	216.40	213.62	173.97	182.91
γ 32.0	195.85	193.03	156.16	164.87
γ 33.0	177.24	174.34	140.71	149.10
γ 34.0	160.78	157.62	126.71	135.00
γ 35.0	145.46	142.69	114.11	123.18
γ 36.0	131.45	129.21	102.75	112.25
γ 37.0	119.00	117.08	92.93	102.20
γ 38.0	107.80	105.75	84.31	92.73
γ 39.0	97.75	95.30	76.88	84.55
γ 40.0	88.67	86.59	70.25	77.03
γ 41.0	80.63	78.48	64.18	70.34
γ 42.0	73.13	71.24	58.50	64.31
γ 43.0	66.29	64.81	53.61	58.85
γ 44.0	60.21	58.95	48.80	54.12
γ 45.0	54.87	53.73	44.82	49.61
γ 46.0	49.81	48.71	41.08	45.50

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	45.55	44.38	37.69	42.08
γ 48.0	41.67	40.60	34.62	38.78
γ 49.0	38.33	37.14	31.84	35.88
γ 50.0	35.27	34.02	29.27	33.21
γ 51.0	32.61	31.08	27.28	30.89
γ 52.0	30.15	28.53	25.37	28.62
γ 53.0	28.00	26.39	23.69	26.76
γ 54.0	26.18	24.32	22.16	24.98
γ 55.0	24.57	22.57	20.86	23.51
γ 56.0	22.91	20.96	19.42	22.03
γ 57.0	21.46	19.44	18.36	20.65
γ 58.0	20.13	18.15	17.15	19.45
γ 59.0	18.99	16.89	16.22	18.36
γ 60.0	17.89	15.84	15.28	17.30
γ 61.0	16.78	14.74	14.41	16.33
γ 62.0	15.76	13.81	13.60	15.36
γ 63.0	14.74	12.90	12.80	14.45
γ 64.0	13.91	11.99	12.05	13.52
γ 65.0	13.06	11.19	11.17	12.72
γ 66.0	12.16	10.44	10.31	11.71
γ 67.0	11.33	9.70	9.56	10.85
γ 68.0	10.55	8.88	8.43	9.79
γ 69.0	9.71	8.23	7.80	9.04
γ 70.0	8.69	7.36	7.12	8.31
γ 71.0	8.03	6.73	6.51	7.59
γ 72.0	7.44	6.19	5.90	6.91
γ 73.0	6.82	5.66	5.18	6.32
γ 74.0	6.17	5.07	4.66	5.63
γ 75.0	5.58	4.58	3.97	4.89
γ 76.0	4.90	3.98	3.29	4.14
γ 77.0	4.21	3.37	2.66	3.43
γ 78.0	3.57	2.73	2.27	3.13
γ 79.0	3.02	2.10	1.99	2.87
γ 80.0	2.72	1.86	1.85	2.64
γ 81.0	2.55	1.68	1.66	2.42
γ 82.0	2.31	1.56	1.52	2.16
γ 83.0	2.14	1.44	1.35	2.01
γ 84.0	1.99	1.28	1.15	1.88
γ 85.0	1.85	1.05	0.99	1.74
γ 86.0	1.61	0.95	0.78	1.59
γ 87.0	1.44	0.78	0.67	1.38
γ 88.0	1.33	0.65	0.59	1.11
γ 89.0	1.08	0.48	0.45	1.00
γ 90.0	1.08	0.44	0.32	0.86
γ 91.0	0.89	0.33	0.15	0.84
γ 92.0	0.78	0.25	0.14	0.65
γ 93.0	0.72	0.08	0.07	0.60

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.69	0.10	0.00	0.53
γ 95.0	0.56	0.05	0.00	0.41
γ 96.0	0.49	0.00	0.00	0.31
γ 97.0	0.40	0.00	0.00	0.20
γ 98.0	0.35	0.00	0.00	0.09
γ 99.0	0.35	0.00	0.00	0.10
γ 100.0	0.16	0.00	0.00	0.00
γ 101.0	0.14	0.00	0.00	0.01
γ 102.0	0.19	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.09	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.03
γ 126.0	0.00	0.00	0.00	0.02
γ 127.0	0.00	0.00	0.03	0.14
γ 128.0	0.00	0.00	0.11	0.19
γ 129.0	0.00	0.00	0.24	0.24
γ 130.0	0.00	0.00	0.37	0.38
γ 131.0	0.00	0.00	0.45	0.59
γ 132.0	0.08	0.00	0.65	0.62
γ 133.0	0.31	0.10	0.74	0.93
γ 134.0	0.40	0.32	0.97	1.06
γ 135.0	0.57	0.41	1.18	1.25
γ 136.0	0.71	0.55	1.39	1.34
γ 137.0	0.85	0.79	1.49	1.61
γ 138.0	1.06	0.98	1.81	1.83
γ 139.0	1.24	1.16	2.03	2.05
γ 140.0	1.48	1.40	2.30	2.22

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.69	1.57	2.47	2.38
γ 142.0	1.87	1.85	2.65	2.67
γ 143.0	2.17	2.13	3.03	3.00
γ 144.0	2.39	2.31	3.17	3.18
γ 145.0	2.65	2.54	3.40	3.32
γ 146.0	2.84	2.68	3.64	3.55
γ 147.0	3.11	2.95	3.83	3.73
γ 148.0	3.29	3.21	3.97	3.94
γ 149.0	3.43	3.35	4.17	4.08
γ 150.0	3.70	3.50	4.41	4.32
γ 151.0	3.87	3.85	4.52	4.47
γ 152.0	4.06	3.90	4.68	4.51
γ 153.0	4.24	4.02	4.76	4.73
γ 154.0	4.32	4.19	4.82	4.73
γ 155.0	4.49	4.29	5.04	4.86
γ 156.0	4.62	4.43	5.08	4.93
γ 157.0	4.76	4.52	5.13	5.00
γ 158.0	4.89	4.55	5.25	5.03
γ 159.0	4.92	4.68	5.29	5.13
γ 160.0	4.98	4.80	5.32	5.18
γ 161.0	5.14	4.82	5.37	5.16
γ 162.0	5.14	4.95	5.39	5.30
γ 163.0	5.28	5.00	5.36	5.24
γ 164.0	5.26	5.07	5.51	5.26
γ 165.0	5.29	5.07	5.45	5.27
γ 166.0	5.35	5.10	5.49	5.31
γ 167.0	5.41	5.16	5.55	5.18
γ 168.0	5.30	5.19	5.41	5.21
γ 169.0	5.34	5.12	5.43	5.16
γ 170.0	5.33	5.15	5.40	5.25
γ 171.0	5.33	5.19	5.43	5.15
γ 172.0	5.32	5.08	5.43	5.11
γ 173.0	5.26	5.04	5.26	5.06
γ 174.0	5.28	5.14	5.25	5.06
γ 175.0	5.26	5.14	5.28	5.14
γ 176.0	5.24	5.17	5.28	5.09
γ 177.0	5.24	5.14	5.23	5.07
γ 178.0	5.20	5.07	5.26	5.13
γ 179.0	5.28	5.13	5.29	5.06
γ 180.0	5.23	5.23	5.23	5.23