

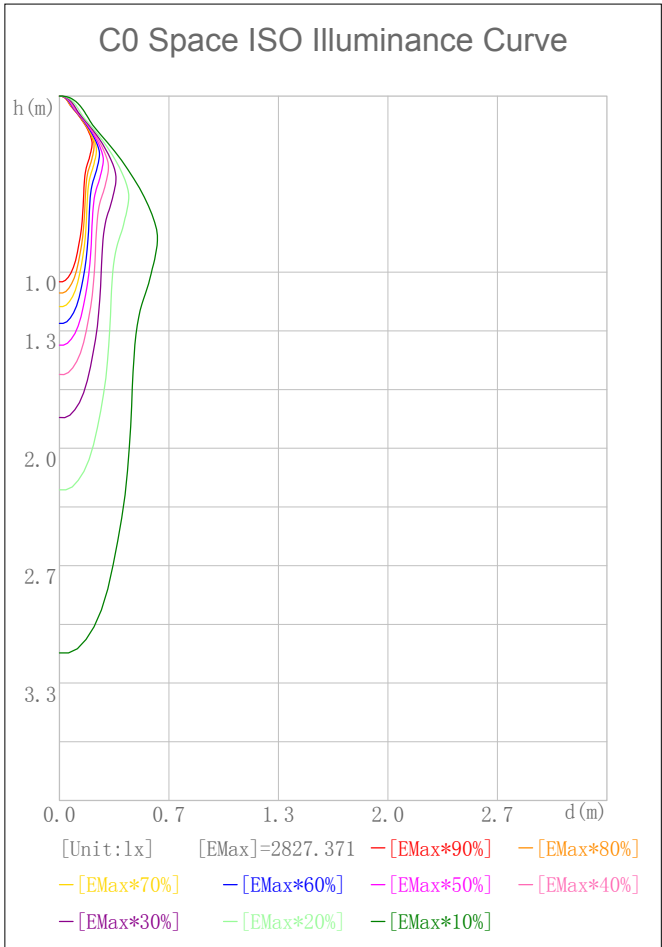
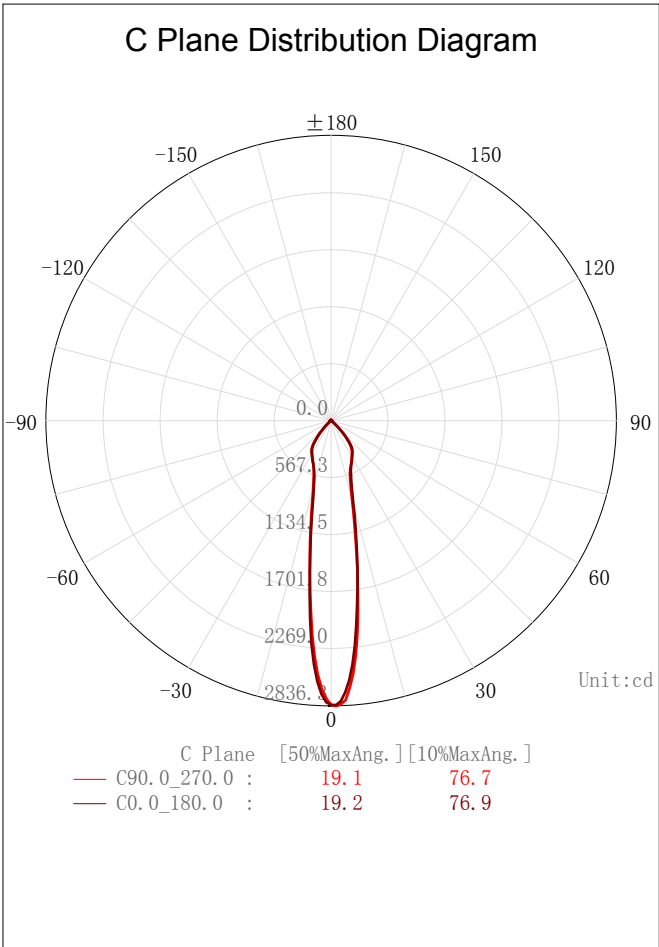
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-XX-02 2700K RA90 25D	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

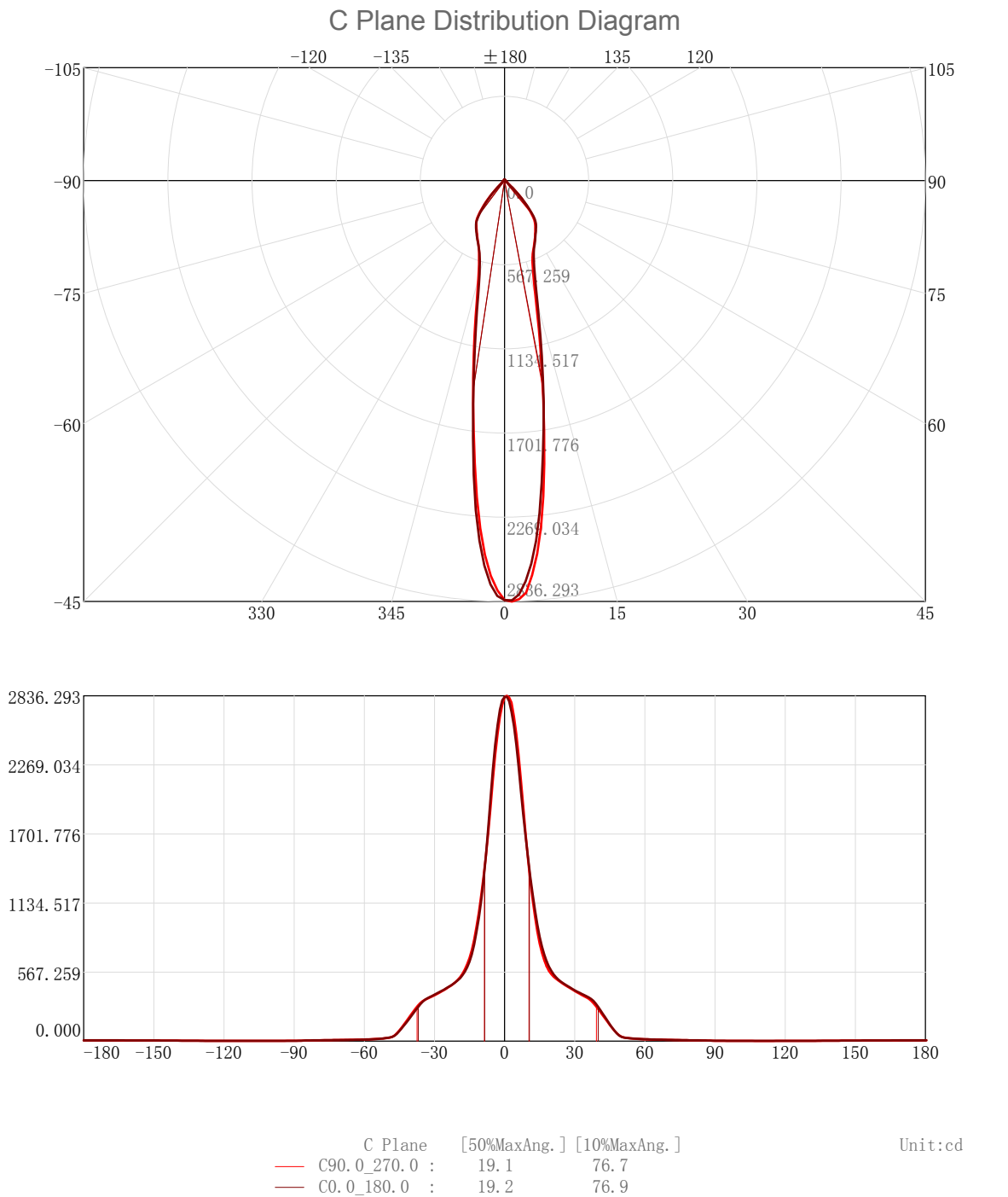
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 990.920	Luminary Flux(lm): 990.920	Field Angle(10%Imax): 76.7(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 965.151lm 97.40%
Rated Voltage(V):	Luminary EER(lm/W): 80.628	Up Lumens&Percent: 25.768lm 2.60%
Tested Power(W): 12.290	Max. Candela(cd): 2836.293	S/MH: C0_a180=0.326 C90_270=0.325
Lamps' Inside: 1	Max Cand@Ang. (°): C=90.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.3, 0.053, 0.950	Beam Angle(50%Imax): 19.1(°)	ErP Φ use(90°): 888.588lm
Lamp Size (W*L*H):0.050m*0.050m*0.750m	Left=-8.6°, Right=10.5°	IRF(%): 613.073



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-XX-02 2700K RA90 25D	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



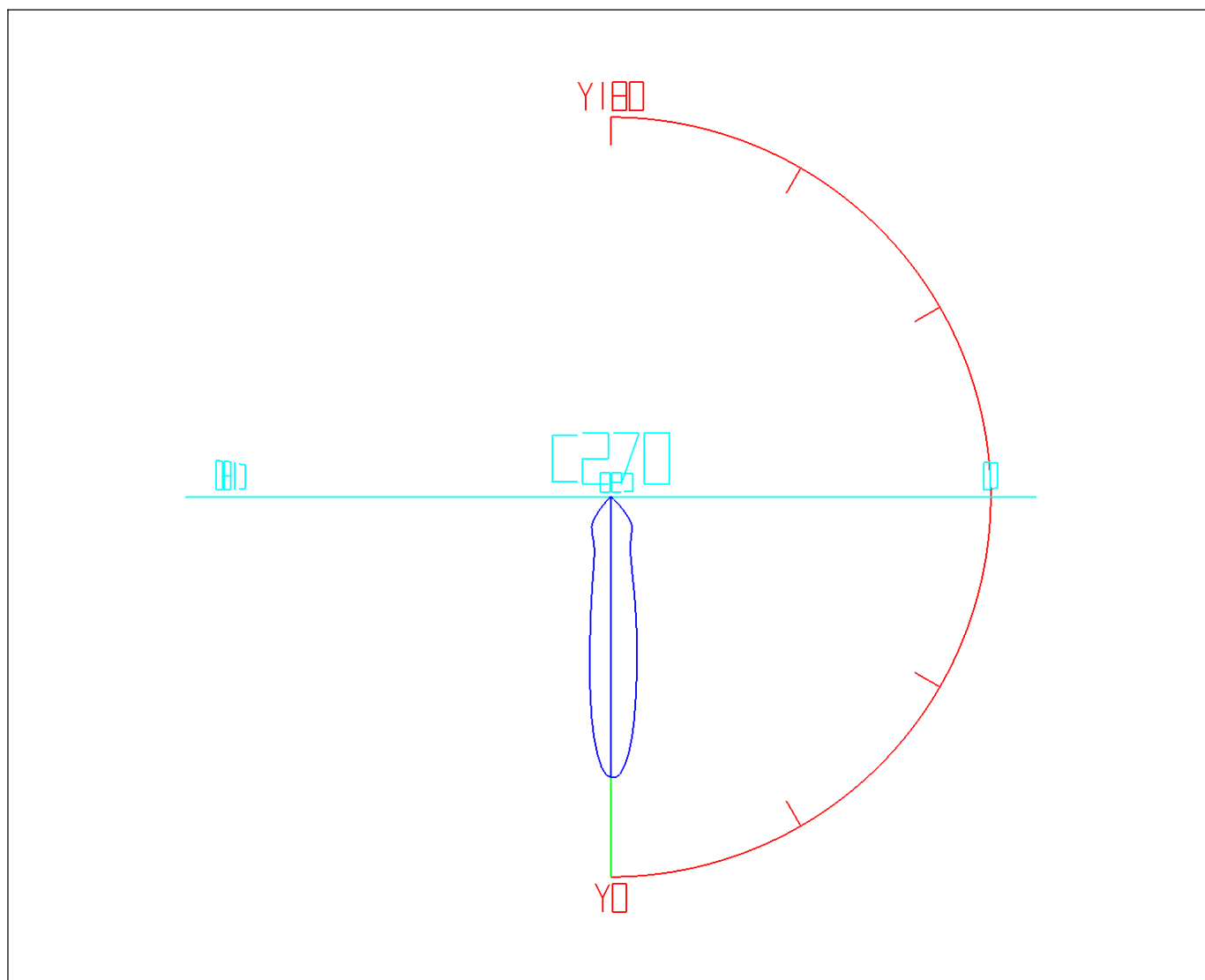
# IES Indoor Report

Photometric Filename:MD10-13-XX-02 2700K RA90 15D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: MD10-13-XX-02 2700K RA90 25D	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	2.70	2.70	0.27	0.27	47.0-48.0	4.77	910.04	0.48	91.84
1.0-2.0	7.97	10.67	0.80	1.08	48.0-49.0	3.70	913.73	0.37	92.21
2.0-3.0	12.92	23.58	1.30	2.38	49.0-50.0	2.97	916.71	0.30	92.51
3.0-4.0	17.27	40.85	1.74	4.12	50.0-51.0	2.54	919.25	0.26	92.77
4.0-5.0	20.82	61.67	2.10	6.22	51.0-52.0	2.28	921.53	0.23	93.00
5.0-6.0	23.43	85.11	2.36	8.59	52.0-53.0	2.11	923.64	0.21	93.21
6.0-7.0	25.06	110.16	2.53	11.12	53.0-54.0	1.97	925.60	0.20	93.41
7.0-8.0	25.88	136.04	2.61	13.73	54.0-55.0	1.85	927.46	0.19	93.60
8.0-9.0	26.10	162.15	2.63	16.36	55.0-56.0	1.76	929.21	0.18	93.77
9.0-10.0	25.87	188.02	2.61	18.97	56.0-57.0	1.68	930.89	0.17	93.94
10.0-11.0	25.29	213.31	2.55	21.53	57.0-58.0	1.61	932.50	0.16	94.10
11.0-12.0	24.46	237.78	2.47	24.00	58.0-59.0	1.55	934.05	0.16	94.26
12.0-13.0	23.52	261.29	2.37	26.37	59.0-60.0	1.50	935.55	0.15	94.41
13.0-14.0	22.55	283.84	2.28	28.64	60.0-61.0	1.45	937.00	0.15	94.56
14.0-15.0	21.69	305.53	2.19	30.83	61.0-62.0	1.41	938.41	0.14	94.70
15.0-16.0	21.03	326.56	2.12	32.95	62.0-63.0	1.37	939.77	0.14	94.84
16.0-17.0	20.55	347.11	2.07	35.03	63.0-64.0	1.33	941.10	0.13	94.97
17.0-18.0	20.22	367.33	2.04	37.07	64.0-65.0	1.29	942.39	0.13	95.10
18.0-19.0	20.03	387.36	2.02	39.09	65.0-66.0	1.25	943.64	0.13	95.23
19.0-20.0	19.98	407.35	2.02	41.11	66.0-67.0	1.22	944.87	0.12	95.35
20.0-21.0	20.06	427.40	2.02	43.13	67.0-68.0	1.19	946.06	0.12	95.47
21.0-22.0	20.22	447.63	2.04	45.17	68.0-69.0	1.17	947.22	0.12	95.59
22.0-23.0	20.44	468.07	2.06	47.24	69.0-70.0	1.14	948.36	0.11	95.71
23.0-24.0	20.69	488.75	2.09	49.32	70.0-71.0	1.11	949.47	0.11	95.82
24.0-25.0	20.93	509.68	2.11	51.44	71.0-72.0	1.09	950.56	0.11	95.93
25.0-26.0	21.15	530.83	2.13	53.57	72.0-73.0	1.06	951.62	0.11	96.03
26.0-27.0	21.34	552.17	2.15	55.72	73.0-74.0	1.03	952.65	0.10	96.14
27.0-28.0	21.51	573.67	2.17	57.89	74.0-75.0	1.00	953.66	0.10	96.24
28.0-29.0	21.64	595.32	2.18	60.08	75.0-76.0	0.98	954.63	0.10	96.34
29.0-30.0	21.76	617.07	2.20	62.27	76.0-77.0	0.95	955.59	0.10	96.43
30.0-31.0	21.85	638.92	2.20	64.48	77.0-78.0	0.93	956.51	0.09	96.53
31.0-32.0	21.93	660.85	2.21	66.69	78.0-79.0	0.90	957.42	0.09	96.62
32.0-33.0	21.97	682.82	2.22	68.91	79.0-80.0	0.88	958.30	0.09	96.71
33.0-34.0	21.97	704.79	2.22	71.12	80.0-81.0	0.87	959.17	0.09	96.80
34.0-35.0	21.86	726.65	2.21	73.33	81.0-82.0	0.84	960.01	0.09	96.88
35.0-36.0	21.57	748.22	2.18	75.51	82.0-83.0	0.81	960.82	0.08	96.96
36.0-37.0	21.03	769.25	2.12	77.63	83.0-84.0	0.78	961.61	0.08	97.04
37.0-38.0	20.22	789.47	2.04	79.67	84.0-85.0	0.74	962.35	0.07	97.12
38.0-39.0	19.14	808.61	1.93	81.60	85.0-86.0	0.68	963.03	0.07	97.19
39.0-40.0	17.84	826.44	1.80	83.40	86.0-87.0	0.62	963.65	0.06	97.25
40.0-41.0	16.36	842.81	1.65	85.05	87.0-88.0	0.55	964.20	0.06	97.30
41.0-42.0	14.75	857.55	1.49	86.54	88.0-89.0	0.49	964.70	0.05	97.35
42.0-43.0	13.03	870.59	1.32	87.86	89.0-90.0	0.45	965.15	0.05	97.40
43.0-44.0	11.27	881.86	1.14	88.99	90.0-91.0	0.43	965.58	0.04	97.44
44.0-45.0	9.49	891.35	0.96	89.95	91.0-92.0	0.42	966.01	0.04	97.49
45.0-46.0	7.76	899.11	0.78	90.74	92.0-93.0	0.41	966.42	0.04	97.53
46.0-47.0	6.16	905.27	0.62	91.36	93.0-94.0	0.40	966.82	0.04	97.57

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	0.39	967.21	0.04	97.61	141.0-142.0	0.35	982.36	0.03	99.14
95.0-96.0	0.38	967.59	0.04	97.65	142.0-143.0	0.35	982.71	0.04	99.17
96.0-97.0	0.37	967.96	0.04	97.68	143.0-144.0	0.35	983.05	0.04	99.21
97.0-98.0	0.36	968.32	0.04	97.72	144.0-145.0	0.35	983.40	0.04	99.24
98.0-99.0	0.36	968.68	0.04	97.76	145.0-146.0	0.35	983.75	0.04	99.28
99.0-100.0	0.35	969.03	0.04	97.79	146.0-147.0	0.35	984.10	0.04	99.31
100.0-101.0	0.34	969.37	0.03	97.83	147.0-148.0	0.35	984.45	0.03	99.35
101.0-102.0	0.34	969.71	0.03	97.86	148.0-149.0	0.34	984.79	0.03	99.38
102.0-103.0	0.33	970.04	0.03	97.89	149.0-150.0	0.34	985.12	0.03	99.42
103.0-104.0	0.33	970.37	0.03	97.93	150.0-151.0	0.33	985.46	0.03	99.45
104.0-105.0	0.32	970.69	0.03	97.96	151.0-152.0	0.33	985.79	0.03	99.48
105.0-106.0	0.32	971.01	0.03	97.99	152.0-153.0	0.32	986.11	0.03	99.51
106.0-107.0	0.32	971.33	0.03	98.02	153.0-154.0	0.32	986.42	0.03	99.55
107.0-108.0	0.31	971.65	0.03	98.05	154.0-155.0	0.31	986.73	0.03	99.58
108.0-109.0	0.31	971.96	0.03	98.09	155.0-156.0	0.30	987.03	0.03	99.61
109.0-110.0	0.31	972.27	0.03	98.12	156.0-157.0	0.29	987.32	0.03	99.64
110.0-111.0	0.31	972.58	0.03	98.15	157.0-158.0	0.28	987.60	0.03	99.67
111.0-112.0	0.31	972.89	0.03	98.18	158.0-159.0	0.27	987.88	0.03	99.69
112.0-113.0	0.31	973.19	0.03	98.21	159.0-160.0	0.26	988.14	0.03	99.72
113.0-114.0	0.31	973.50	0.03	98.24	160.0-161.0	0.26	988.40	0.03	99.75
114.0-115.0	0.30	973.80	0.03	98.27	161.0-162.0	0.24	988.64	0.02	99.77
115.0-116.0	0.30	974.10	0.03	98.30	162.0-163.0	0.23	988.88	0.02	99.79
116.0-117.0	0.30	974.41	0.03	98.33	163.0-164.0	0.22	989.10	0.02	99.82
117.0-118.0	0.30	974.71	0.03	98.36	164.0-165.0	0.21	989.31	0.02	99.84
118.0-119.0	0.30	975.01	0.03	98.39	165.0-166.0	0.20	989.51	0.02	99.86
119.0-120.0	0.30	975.32	0.03	98.43	166.0-167.0	0.19	989.70	0.02	99.88
120.0-121.0	0.30	975.62	0.03	98.46	167.0-168.0	0.18	989.88	0.02	99.89
121.0-122.0	0.30	975.92	0.03	98.49	168.0-169.0	0.16	990.04	0.02	99.91
122.0-123.0	0.30	976.23	0.03	98.52	169.0-170.0	0.15	990.19	0.02	99.93
123.0-124.0	0.30	976.53	0.03	98.55	170.0-171.0	0.14	990.33	0.01	99.94
124.0-125.0	0.31	976.84	0.03	98.58	171.0-172.0	0.12	990.45	0.01	99.95
125.0-126.0	0.31	977.14	0.03	98.61	172.0-173.0	0.11	990.56	0.01	99.96
126.0-127.0	0.31	977.45	0.03	98.64	173.0-174.0	0.09	990.66	0.01	99.97
127.0-128.0	0.31	977.76	0.03	98.67	174.0-175.0	0.08	990.74	0.01	99.98
128.0-129.0	0.31	978.07	0.03	98.70	175.0-176.0	0.07	990.80	0.01	99.99
129.0-130.0	0.31	978.38	0.03	98.73	176.0-177.0	0.05	990.85	0.01	99.99
130.0-131.0	0.32	978.70	0.03	98.77	177.0-178.0	0.04	990.89	0.00	100.00
131.0-132.0	0.32	979.02	0.03	98.80	178.0-179.0	0.02	990.91	0.00	100.00
132.0-133.0	0.32	979.34	0.03	98.83	179.0-180.0	0.01	990.92	0.00	100.00
133.0-134.0	0.32	979.66	0.03	98.86					
134.0-135.0	0.33	979.99	0.03	98.90					
135.0-136.0	0.33	980.32	0.03	98.93					
136.0-137.0	0.33	980.65	0.03	98.96					
137.0-138.0	0.34	980.99	0.03	99.00					
138.0-139.0	0.34	981.32	0.03	99.03					
139.0-140.0	0.34	981.67	0.03	99.07					
140.0-141.0	0.34	982.01	0.03	99.10					

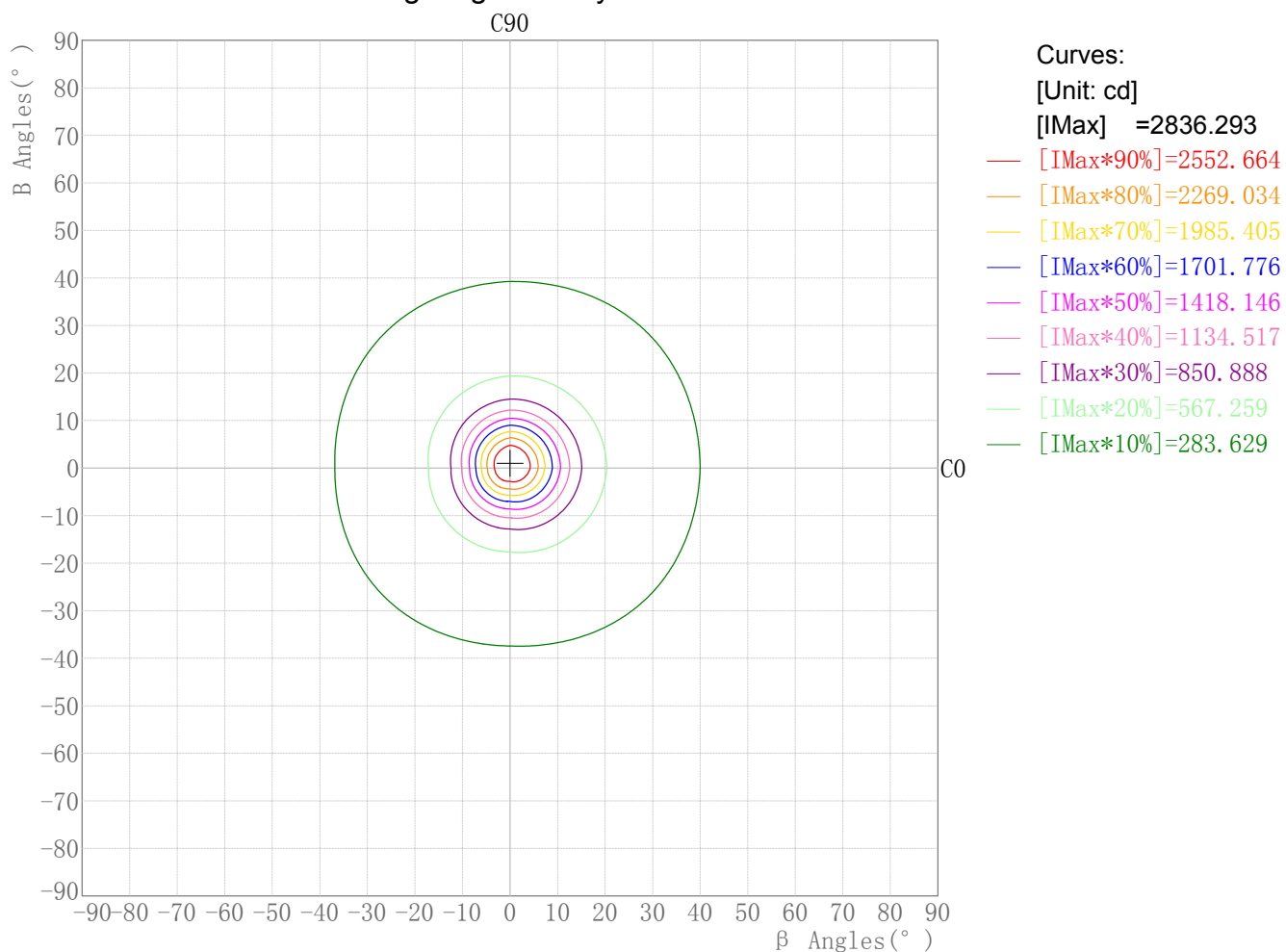
# IES Indoor Report

Photometric Filename:MD10-13-XX-02 2700K RA90 15D.IES

## Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-13-XX-02 2700K RA90 25D	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



Maximum Light Intensity(cd): 2836.29

Maximum Cand.@Angle: H=0.0°,V=1.0°

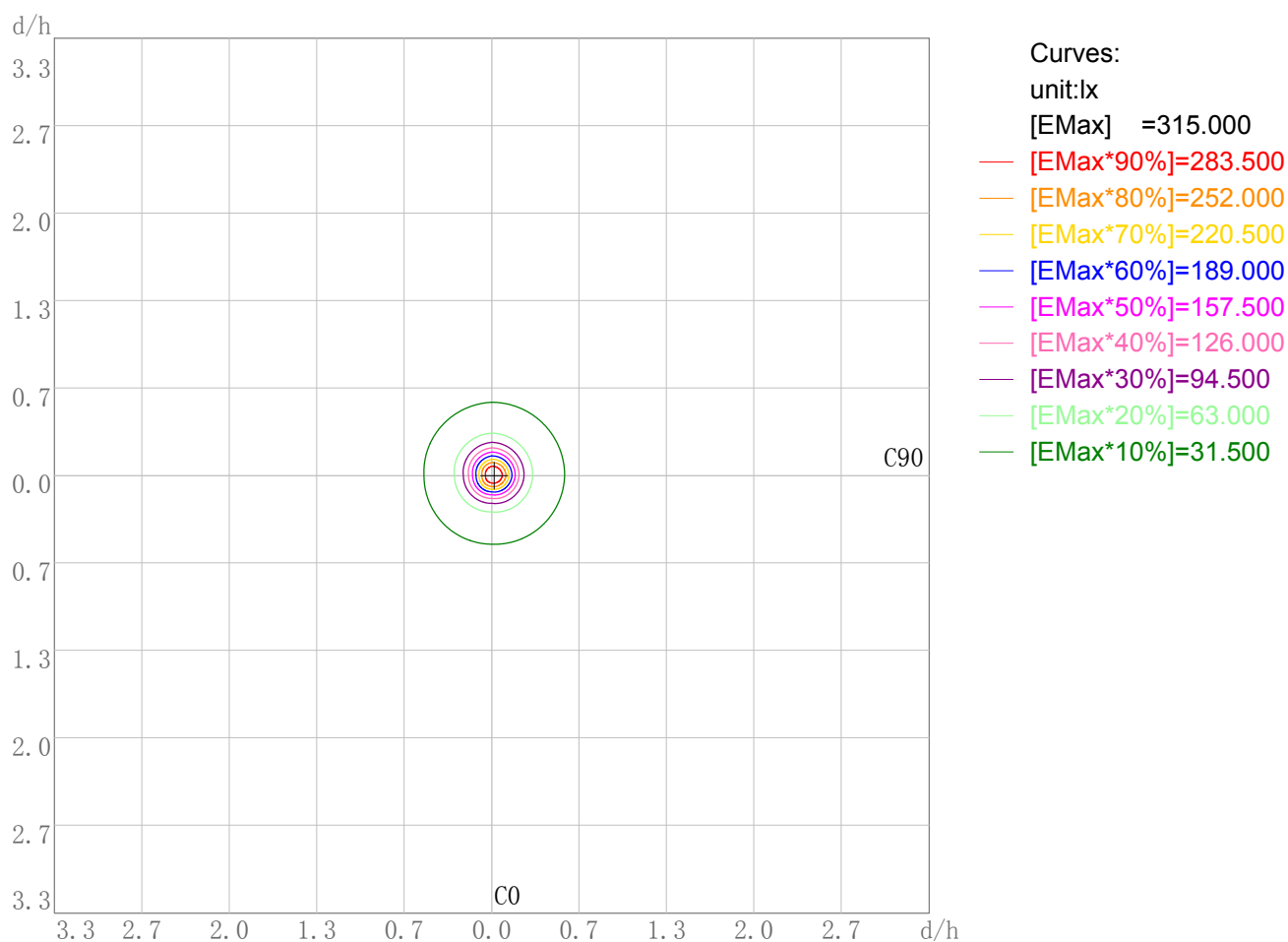
# IES Indoor Report

Photometric Filename:MD10-13-XX-02 2700K RA90 15D.IES

## Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-XX-02 2700K RA90 25D	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

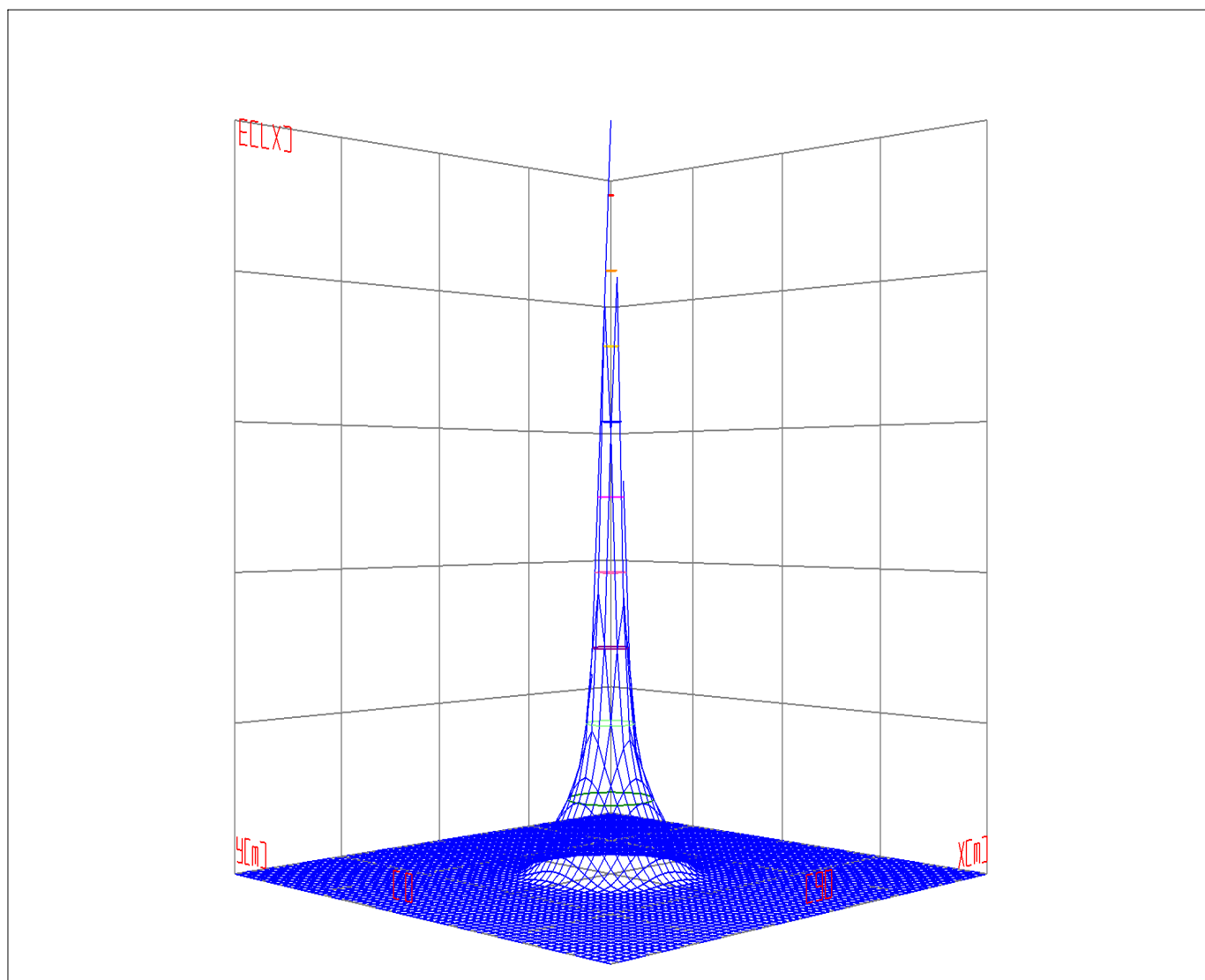
Working Plane Maximum Illuminance(lx): 315.00

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

### 3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-XX-02 2700K RA90 25D	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

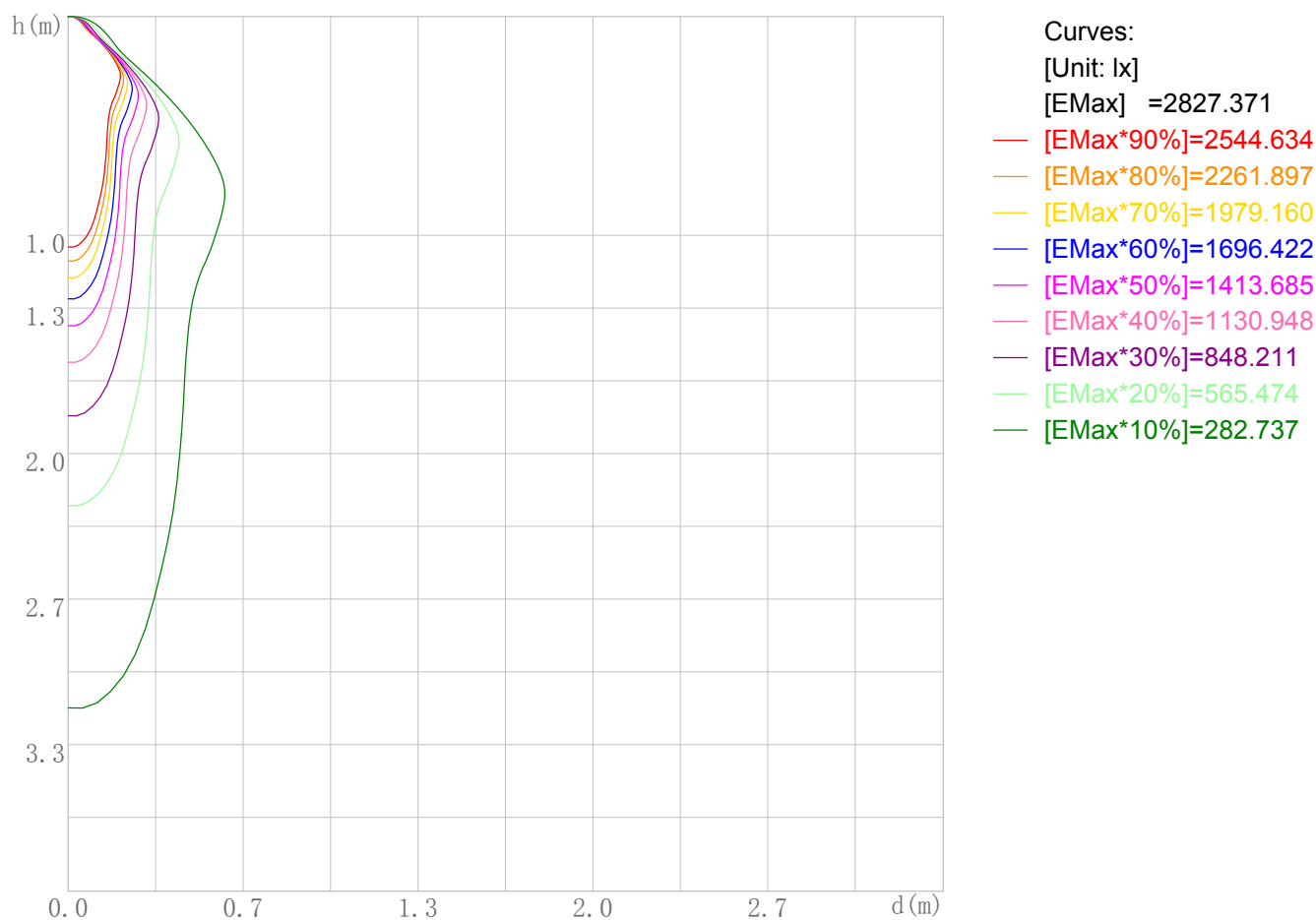
# IES Indoor Report

Photometric Filename:MD10-13-XX-02 2700K RA90 15D.IES

## Space ISO Illuminance Diagram

Lum. Name: MD10-13-XX-02 2700K RA90 25D	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



Space Plane Maximum Illuminance and @Angle:2827.37lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:2828.663cd,0deg

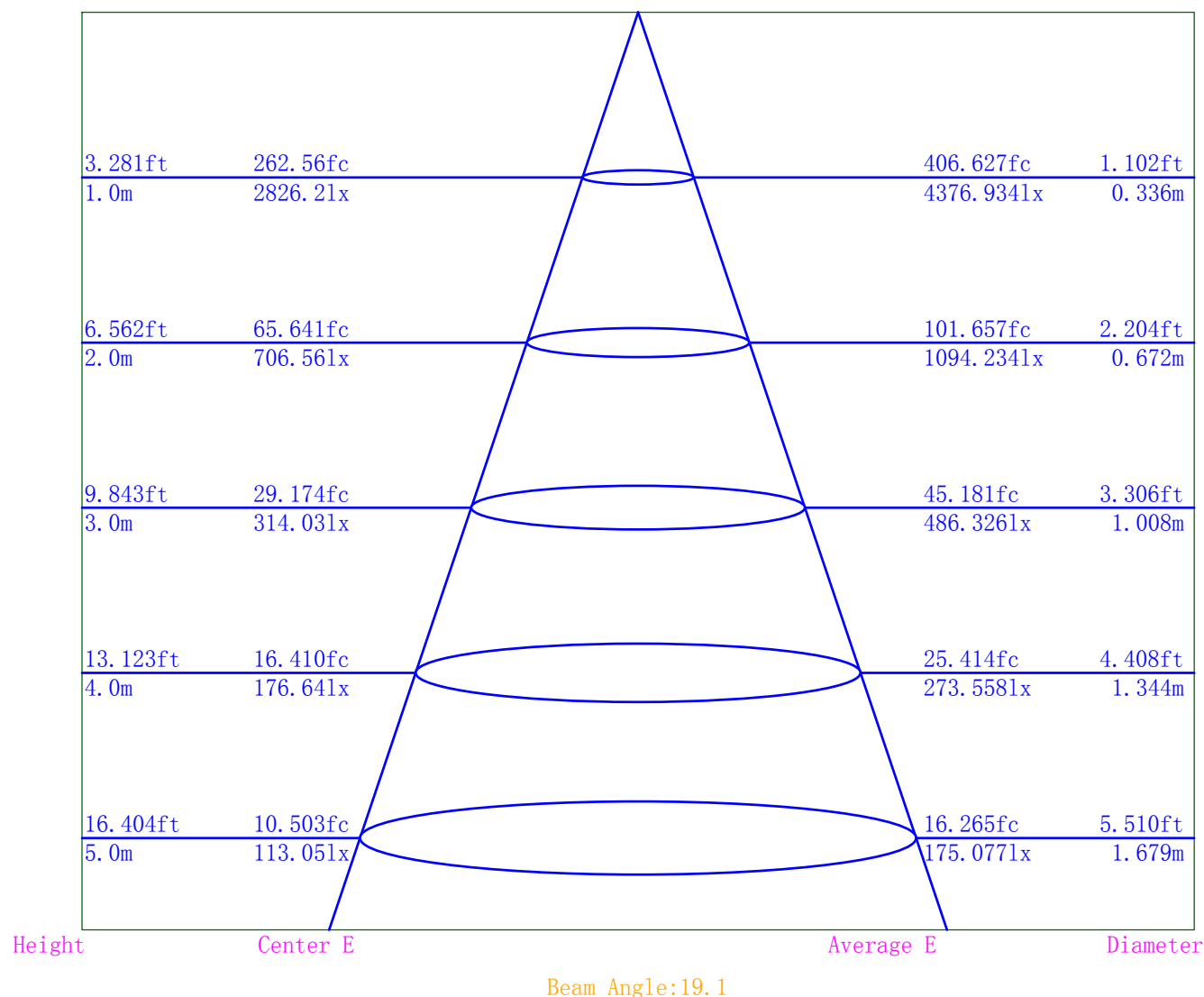
# IES Indoor Report

Photometric Filename:MD10-13-XX-02 2700K RA90 15D.IES

## Illuminance-Distance Diagram

Lum. Name: MD10-13-XX-02 2700K RA90 25D	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



Indoor Luminance Limiting Curves

Lum. Name: MD10-13-XX-02 2700K RA90 25D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/20

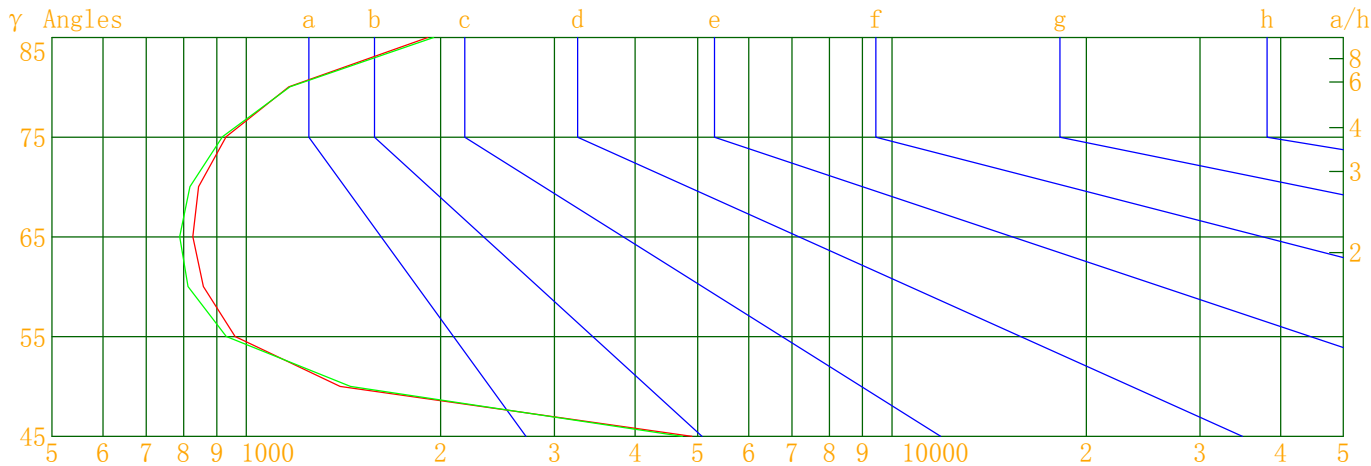
Glare Grade Table

GI	Quality	Using 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	4900	1397	961	858	826	843	931	1164	1910
C90	4734	1450	931	813	789	818	918	1169	1950

Luminance Limiting Curve



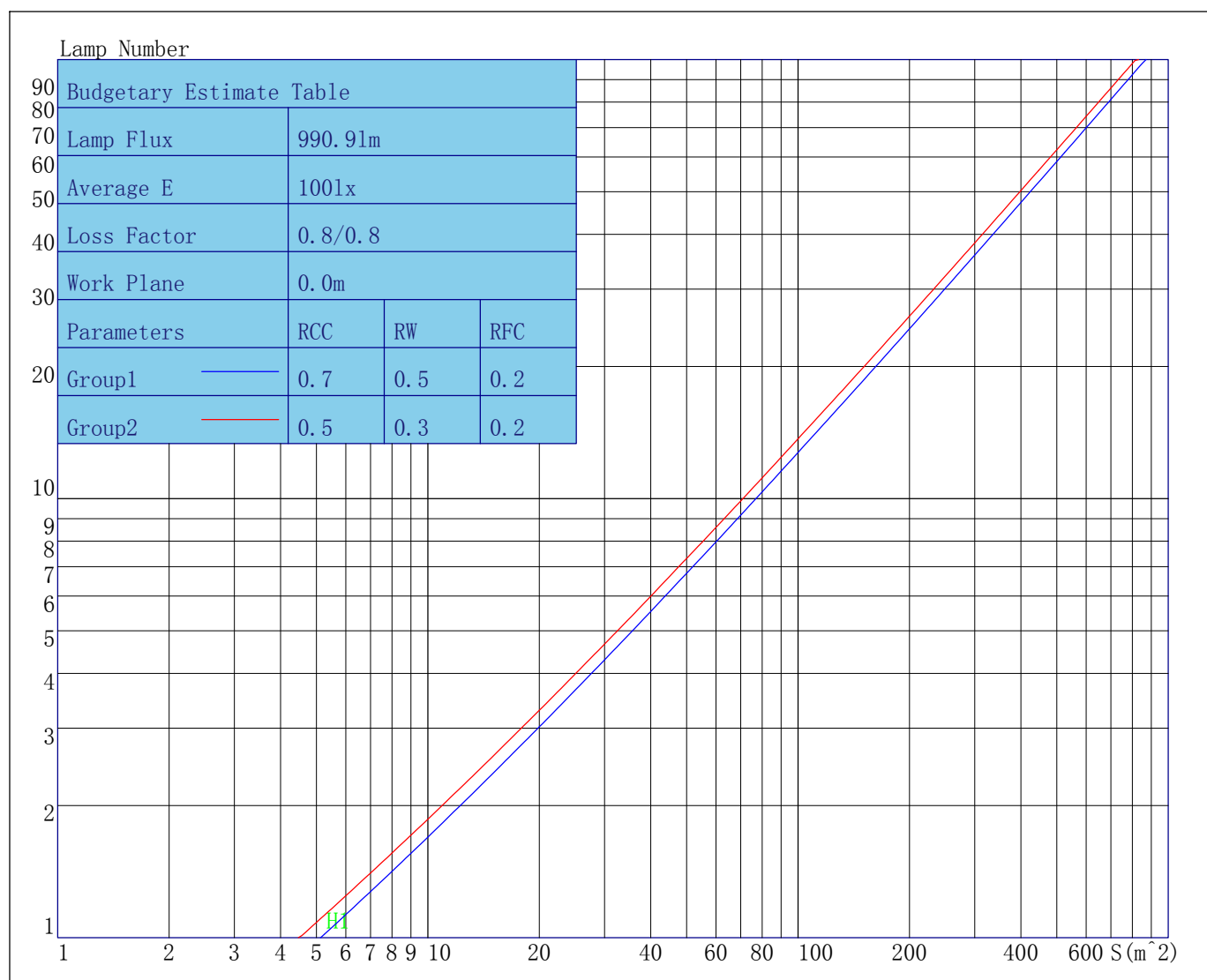
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.750 Area(m^2)=0.040000  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:MD10-13-XX-02 2700K RA90 15D.IES

## Indoor Budgetary Estimate Table

Lum. Name: MD10-13-XX-02 2700K RA90 25D	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. The second section is a grid of utilization coefficients for RCR values 0-10 and Rho values 70-118.

Unified Glare Rating Table

Lum. Name: MD10-13-XX-02 2700K RA90 25D	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	13.6	14.7	14.0	15.0	15.4	13.4	14.5	13.8	14.8	15.2
	13.6	14.5	14.1	14.9	15.4	13.4	14.3	13.9	14.7	15.2
	13.7	14.5	14.1	14.9	15.4	13.5	14.3	13.9	14.7	15.2
	13.8	14.6	14.3	15.0	15.5	13.6	14.4	14.1	14.8	15.3
	13.9	14.6	14.4	15.1	15.5	13.7	14.5	14.2	14.9	15.4
	14.0	14.7	14.5	15.2	15.7	13.9	14.6	14.4	15.0	15.5
X=4H    Y=2H	13.4	14.3	13.9	14.7	15.1	13.2	14.1	13.7	14.5	14.9
	13.5	14.2	14.0	14.7	15.1	13.3	14.0	13.8	14.5	14.9
	13.6	14.3	14.1	14.7	15.2	13.4	14.1	13.9	14.5	15.1
	13.9	14.4	14.4	14.9	15.5	13.7	14.3	14.2	14.8	15.3
	14.1	14.6	14.6	15.1	15.6	13.9	14.4	14.4	14.9	15.5
	14.3	14.8	14.9	15.3	15.8	14.2	14.7	14.7	15.2	15.7
X=8H    Y=4H	13.6	14.1	14.1	14.6	15.2	13.4	13.9	13.9	14.4	15.0
	14.0	14.4	14.5	15.0	15.5	13.8	14.2	14.4	14.8	15.4
	14.3	14.7	14.9	15.2	15.8	14.2	14.5	14.7	15.1	15.6
	14.7	15.1	15.3	15.6	16.2	14.6	15.0	15.2	15.5	16.1
X=12H    Y=4H	13.6	14.0	14.1	14.6	15.1	13.4	13.8	13.9	14.4	14.9
	14.0	14.4	14.6	14.9	15.5	13.9	14.2	14.4	14.8	15.4
	14.4	14.7	15.0	15.3	15.9	14.3	14.6	14.8	15.1	15.8
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					0.1/-0.2				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.2					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	2826.24	2826.24	2826.24	2826.24
γ 1.0	2828.66	2836.29	2799.33	2761.18
γ 2.0	2789.92	2821.34	2721.66	2664.16
γ 3.0	2703.64	2780.25	2596.53	2523.79
γ 4.0	2587.16	2664.17	2432.04	2347.59
γ 5.0	2436.08	2523.76	2227.95	2141.18
γ 6.0	2253.04	2347.33	1989.79	1915.61
γ 7.0	2050.25	2142.07	1745.65	1704.81
γ 8.0	1859.11	1926.39	1518.46	1518.09
γ 9.0	1684.26	1705.49	1321.16	1349.83
γ 10.0	1518.31	1504.20	1154.70	1198.43
γ 11.0	1355.59	1322.18	1013.33	1058.69
γ 12.0	1207.92	1161.67	894.74	937.44
γ 13.0	1076.99	1024.91	791.06	831.53
γ 14.0	960.13	901.70	711.59	748.14
γ 15.0	859.26	803.24	651.99	683.06
γ 16.0	777.96	725.92	606.66	631.96
γ 17.0	712.26	664.39	570.53	589.38
γ 18.0	656.61	615.39	542.21	555.24
γ 19.0	612.88	577.83	518.30	527.30
γ 20.0	577.10	550.27	499.65	504.28
γ 21.0	548.73	529.05	483.99	484.92
γ 22.0	525.26	513.02	470.04	469.97
γ 23.0	506.43	498.77	457.84	455.56
γ 24.0	490.84	485.69	446.20	443.40
γ 25.0	477.87	472.29	434.50	430.92
γ 26.0	465.37	459.46	423.14	419.60
γ 27.0	453.32	447.01	412.86	407.86
γ 28.0	441.26	436.11	402.21	397.10
γ 29.0	429.18	424.32	392.55	386.43
γ 30.0	417.95	413.05	382.68	376.94
γ 31.0	408.16	401.86	372.46	367.33
γ 32.0	398.76	391.22	363.38	358.27
γ 33.0	388.85	380.42	353.18	349.41
γ 34.0	379.80	370.09	341.94	340.41
γ 35.0	370.25	359.40	324.35	329.65
γ 36.0	359.74	348.14	303.49	314.23
γ 37.0	347.52	332.73	279.65	293.70
γ 38.0	331.40	312.26	255.57	270.03
γ 39.0	309.38	289.85	229.80	244.58
γ 40.0	283.50	265.94	204.41	218.45
γ 41.0	255.71	239.90	178.49	191.71
γ 42.0	226.49	213.50	153.09	164.50
γ 43.0	197.00	186.45	128.91	137.49
γ 44.0	167.65	160.17	105.01	111.66
γ 45.0	138.59	133.90	82.63	88.26
γ 46.0	112.24	109.63	62.06	66.77

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	87.49	86.63	45.97	48.40
γ 48.0	64.91	65.82	36.13	36.53
γ 49.0	46.87	48.82	31.18	29.88
γ 50.0	35.93	37.28	28.13	27.11
γ 51.0	30.42	31.11	25.38	24.60
γ 52.0	27.45	27.94	22.88	22.84
γ 53.0	25.36	25.24	20.94	21.25
γ 54.0	23.57	23.13	19.14	20.04
γ 55.0	22.05	21.36	17.73	18.94
γ 56.0	20.90	19.91	16.66	17.88
γ 57.0	19.74	18.89	15.73	17.06
γ 58.0	18.83	17.92	14.99	16.22
γ 59.0	17.89	17.03	14.26	15.55
γ 60.0	17.16	16.25	13.72	14.90
γ 61.0	16.47	15.59	13.19	14.31
γ 62.0	15.81	14.98	12.75	13.73
γ 63.0	15.13	14.40	12.28	13.21
γ 64.0	14.53	13.85	11.92	12.74
γ 65.0	13.97	13.33	11.55	12.30
γ 66.0	13.40	12.87	11.25	11.92
γ 67.0	12.90	12.41	10.96	11.57
γ 68.0	12.41	12.00	10.71	11.26
γ 69.0	11.97	11.57	10.47	10.97
γ 70.0	11.54	11.19	10.26	10.69
γ 71.0	11.14	10.83	10.02	10.38
γ 72.0	10.73	10.51	9.81	10.11
γ 73.0	10.36	10.18	9.55	9.81
γ 74.0	9.98	9.85	9.31	9.52
γ 75.0	9.64	9.51	9.05	9.23
γ 76.0	9.30	9.19	8.82	8.98
γ 77.0	8.97	8.88	8.57	8.74
γ 78.0	8.66	8.61	8.37	8.48
γ 79.0	8.37	8.33	8.21	8.26
γ 80.0	8.08	8.12	8.12	8.06
γ 81.0	7.86	7.91	7.99	7.88
γ 82.0	7.55	7.75	7.72	7.47
γ 83.0	7.45	7.47	7.26	7.24
γ 84.0	6.97	7.35	6.99	6.80
γ 85.0	6.66	6.80	6.46	6.18
γ 86.0	6.26	6.47	5.66	5.53
γ 87.0	5.68	5.94	4.81	4.99
γ 88.0	5.19	5.16	3.98	4.56
γ 89.0	4.64	4.36	3.76	4.42
γ 90.0	4.38	3.68	3.66	4.29
γ 91.0	4.27	3.58	3.57	4.18
γ 92.0	4.16	3.49	3.48	4.07
γ 93.0	4.05	3.40	3.38	3.96

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	3.96	3.33	3.29	3.86
γ 95.0	3.87	3.26	3.21	3.75
γ 96.0	3.79	3.18	3.15	3.68
γ 97.0	3.71	3.13	3.09	3.60
γ 98.0	3.63	3.08	3.03	3.53
γ 99.0	3.56	3.02	2.99	3.46
γ 100.0	3.49	2.97	2.95	3.41
γ 101.0	3.44	2.93	2.91	3.36
γ 102.0	3.38	2.89	2.89	3.31
γ 103.0	3.34	2.86	2.86	3.28
γ 104.0	3.30	2.85	2.85	3.25
γ 105.0	3.27	2.82	2.84	3.22
γ 106.0	3.24	2.81	2.83	3.21
γ 107.0	3.21	2.79	2.83	3.20
γ 108.0	3.19	2.80	2.85	3.20
γ 109.0	3.18	2.79	2.86	3.19
γ 110.0	3.16	2.79	2.87	3.20
γ 111.0	3.15	2.78	2.90	3.21
γ 112.0	3.15	2.79	2.91	3.22
γ 113.0	3.15	2.78	2.95	3.24
γ 114.0	3.14	2.80	2.97	3.26
γ 115.0	3.13	2.80	3.01	3.28
γ 116.0	3.14	2.83	3.04	3.31
γ 117.0	3.14	2.83	3.08	3.35
γ 118.0	3.15	2.85	3.13	3.38
γ 119.0	3.16	2.86	3.18	3.41
γ 120.0	3.19	2.88	3.23	3.45
γ 121.0	3.20	2.91	3.27	3.50
γ 122.0	3.22	2.94	3.33	3.54
γ 123.0	3.25	2.98	3.40	3.59
γ 124.0	3.29	3.03	3.47	3.64
γ 125.0	3.33	3.08	3.52	3.70
γ 126.0	3.37	3.13	3.60	3.75
γ 127.0	3.43	3.19	3.67	3.81
γ 128.0	3.49	3.26	3.75	3.88
γ 129.0	3.55	3.32	3.83	3.95
γ 130.0	3.61	3.39	3.92	4.02
γ 131.0	3.69	3.48	4.02	4.12
γ 132.0	3.77	3.57	4.12	4.20
γ 133.0	3.86	3.66	4.23	4.30
γ 134.0	3.94	3.76	4.35	4.42
γ 135.0	4.04	3.87	4.46	4.54
γ 136.0	4.13	3.99	4.60	4.66
γ 137.0	4.26	4.09	4.73	4.79
γ 138.0	4.38	4.22	4.87	4.91
γ 139.0	4.49	4.35	5.02	5.05
γ 140.0	4.63	4.49	5.16	5.18

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	4.77	4.63	5.31	5.34
γ 142.0	4.90	4.77	5.45	5.48
γ 143.0	5.04	4.91	5.59	5.61
γ 144.0	5.18	5.05	5.73	5.74
γ 145.0	5.31	5.19	5.85	5.87
γ 146.0	5.44	5.32	5.97	5.97
γ 147.0	5.58	5.46	6.07	6.08
γ 148.0	5.71	5.59	6.18	6.18
γ 149.0	5.83	5.70	6.26	6.27
γ 150.0	5.94	5.82	6.36	6.36
γ 151.0	6.05	5.93	6.45	6.44
γ 152.0	6.16	6.03	6.53	6.51
γ 153.0	6.26	6.13	6.61	6.59
γ 154.0	6.35	6.22	6.69	6.65
γ 155.0	6.44	6.29	6.76	6.73
γ 156.0	6.53	6.37	6.84	6.79
γ 157.0	6.62	6.46	6.91	6.86
γ 158.0	6.70	6.54	7.00	6.92
γ 159.0	6.79	6.61	7.05	6.99
γ 160.0	6.88	6.69	7.13	7.05
γ 161.0	6.95	6.76	7.20	7.12
γ 162.0	7.03	6.84	7.26	7.17
γ 163.0	7.11	6.93	7.33	7.23
γ 164.0	7.18	6.99	7.39	7.27
γ 165.0	7.26	7.07	7.43	7.33
γ 166.0	7.34	7.14	7.51	7.37
γ 167.0	7.41	7.21	7.54	7.42
γ 168.0	7.46	7.28	7.60	7.45
γ 169.0	7.51	7.33	7.63	7.49
γ 170.0	7.57	7.40	7.66	7.51
γ 171.0	7.61	7.45	7.68	7.53
γ 172.0	7.65	7.49	7.71	7.54
γ 173.0	7.68	7.53	7.73	7.55
γ 174.0	7.69	7.55	7.72	7.55
γ 175.0	7.71	7.57	7.75	7.56
γ 176.0	7.72	7.58	7.75	7.59
γ 177.0	7.73	7.59	7.75	7.61
γ 178.0	7.74	7.59	7.76	7.64
γ 179.0	7.75	7.61	7.77	7.66
γ 180.0	7.72	7.72	7.72	7.72