

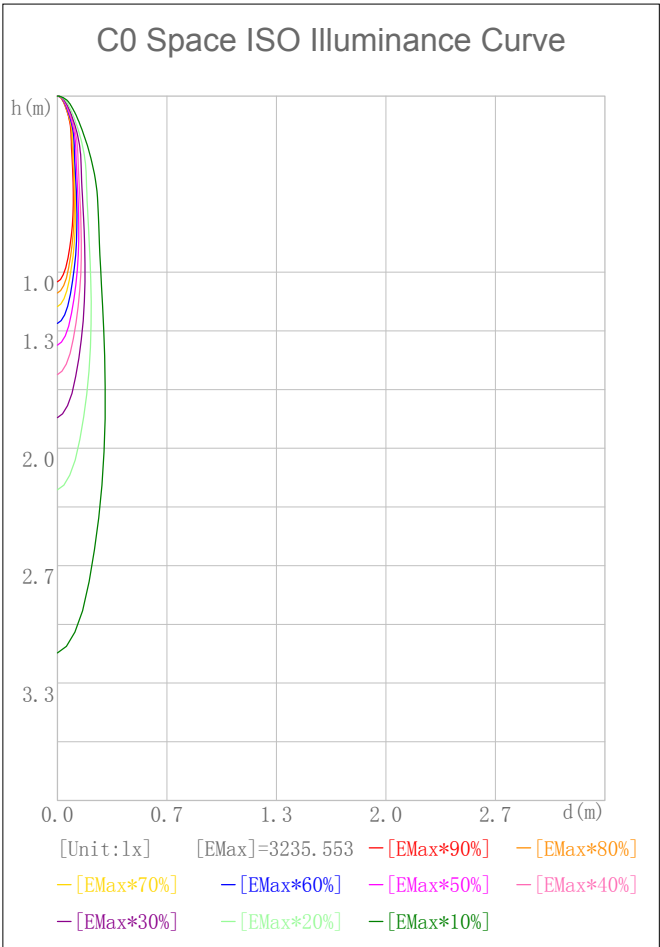
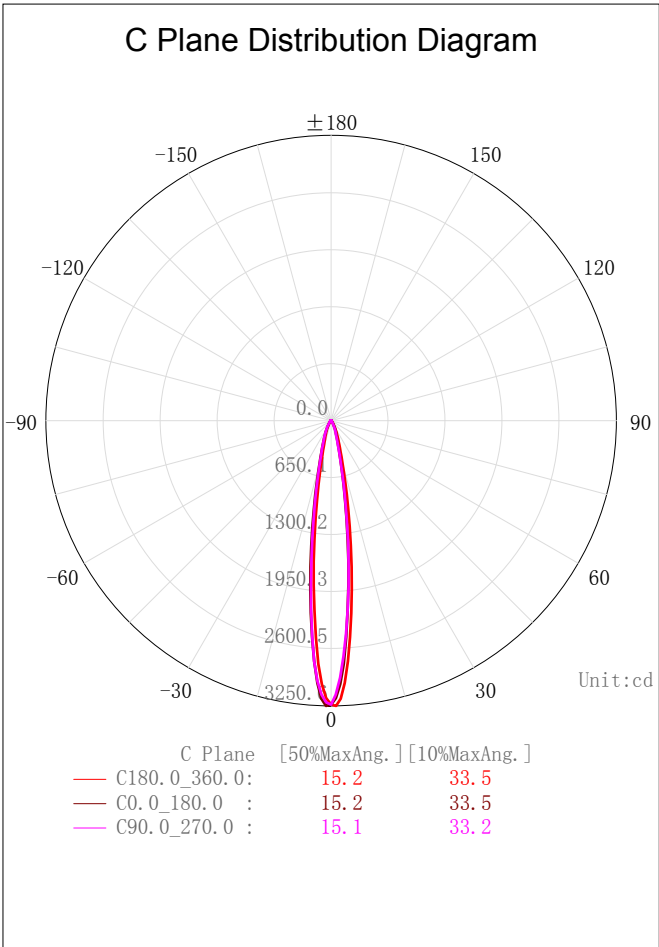
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-06-SL-01 4000K RA97 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/12/09
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*0.450m	Lum. Area (m2): 0.025	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity (%): 50.0

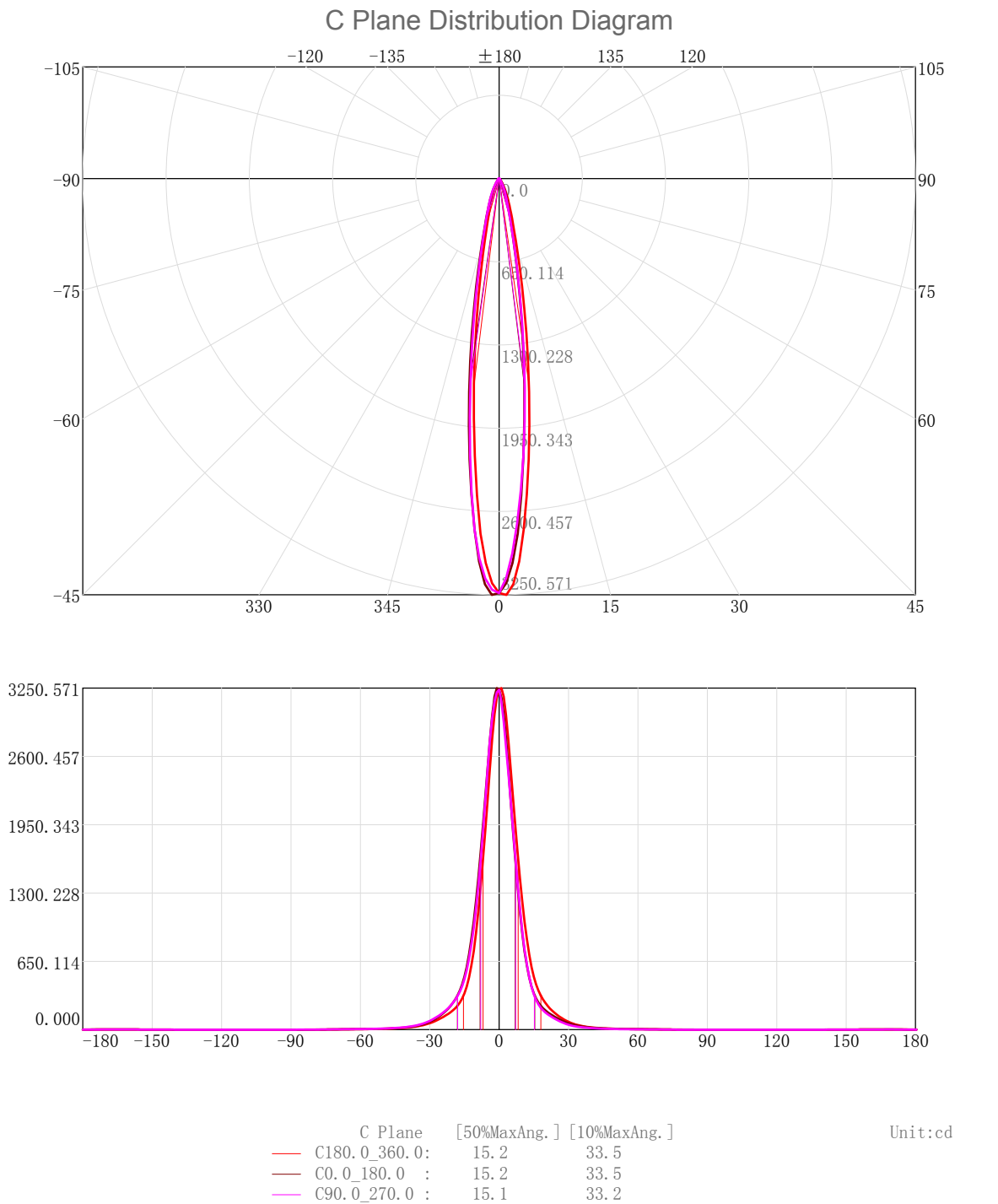
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 413.870	Luminary Flux(lm): 413.872	Field Angle(10%Imax): 33.5(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 411.391lm 99.40%
Rated Voltage(V):	Luminary EER(lm/W): 69.279	Up Lumens&Percent: 2.480lm 0.60%
Tested Power(W): 5.974	Max. Candela(cd): 3250.571	S/MH: C0_a180=0.262 C90_270=0.259
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf): 240.0, 0.028, 0.885	Beam Angle(50%Imax): 15.2(°)	ErP Φ use(90°): 393.513lm
Lamp Size (W*L*H): 0.050m*0.050m*0.450m	Left=-7.0°, Right=8.2°	IRF (%): 1743.922



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-06-SL-01 4000K RA97 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: 2019/12/09



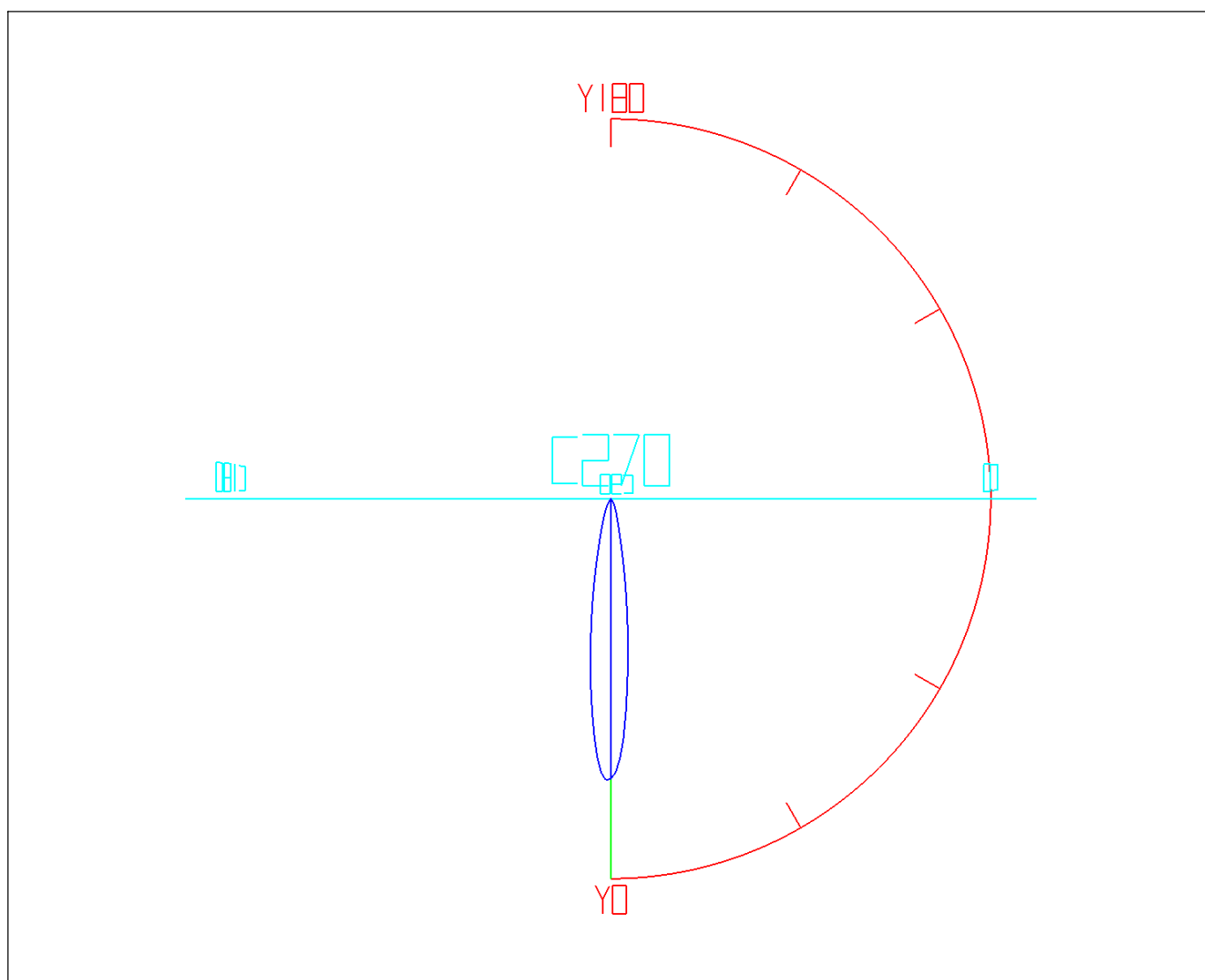
# IES Indoor Report

Photometric Filename:MD10-06-SL-01 4000K RA97 15D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: MD10-06-SL-01 4000K RA97 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: 2019/12/09

## 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	3.07	3.07	0.74	0.74	47.0-48.0	0.87	397.38	0.21	96.01
1.0-2.0	8.96	12.03	2.16	2.91	48.0-49.0	0.81	398.19	0.20	96.21
2.0-3.0	14.14	26.17	3.42	6.32	49.0-50.0	0.77	398.96	0.19	96.40
3.0-4.0	18.27	44.45	4.41	10.74	50.0-51.0	0.72	399.68	0.18	96.57
4.0-5.0	21.18	65.63	5.12	15.86	51.0-52.0	0.69	400.37	0.17	96.74
5.0-6.0	22.93	88.56	5.54	21.40	52.0-53.0	0.65	401.03	0.16	96.90
6.0-7.0	23.64	112.20	5.71	27.11	53.0-54.0	0.62	401.65	0.15	97.05
7.0-8.0	23.46	135.66	5.67	32.78	54.0-55.0	0.60	402.25	0.14	97.19
8.0-9.0	22.55	158.21	5.45	38.23	55.0-56.0	0.58	402.83	0.14	97.33
9.0-10.0	21.11	179.33	5.10	43.33	56.0-57.0	0.56	403.38	0.13	97.47
10.0-11.0	19.36	198.69	4.68	48.01	57.0-58.0	0.54	403.92	0.13	97.60
11.0-12.0	17.50	216.18	4.23	52.23	58.0-59.0	0.52	404.44	0.13	97.72
12.0-13.0	15.67	231.86	3.79	56.02	59.0-60.0	0.50	404.94	0.12	97.84
13.0-14.0	13.99	245.85	3.38	59.40	60.0-61.0	0.49	405.42	0.12	97.96
14.0-15.0	12.52	258.37	3.03	62.43	61.0-62.0	0.47	405.89	0.11	98.07
15.0-16.0	11.32	269.69	2.73	65.16	62.0-63.0	0.45	406.35	0.11	98.18
16.0-17.0	10.35	280.04	2.50	67.66	63.0-64.0	0.44	406.78	0.11	98.29
17.0-18.0	9.56	289.60	2.31	69.97	64.0-65.0	0.42	407.20	0.10	98.39
18.0-19.0	8.90	298.51	2.15	72.13	65.0-66.0	0.40	407.60	0.10	98.49
19.0-20.0	8.32	306.83	2.01	74.14	66.0-67.0	0.38	407.98	0.09	98.58
20.0-21.0	7.79	314.62	1.88	76.02	67.0-68.0	0.36	408.34	0.09	98.66
21.0-22.0	7.31	321.93	1.77	77.79	68.0-69.0	0.34	408.68	0.08	98.75
22.0-23.0	6.86	328.79	1.66	79.44	69.0-70.0	0.32	409.00	0.08	98.82
23.0-24.0	6.43	335.22	1.55	81.00	70.0-71.0	0.30	409.30	0.07	98.90
24.0-25.0	6.00	341.22	1.45	82.45	71.0-72.0	0.28	409.57	0.07	98.96
25.0-26.0	5.56	346.78	1.34	83.79	72.0-73.0	0.26	409.83	0.06	99.02
26.0-27.0	5.12	351.90	1.24	85.03	73.0-74.0	0.23	410.06	0.06	99.08
27.0-28.0	4.68	356.58	1.13	86.16	74.0-75.0	0.21	410.27	0.05	99.13
28.0-29.0	4.27	360.84	1.03	87.19	75.0-76.0	0.18	410.45	0.04	99.17
29.0-30.0	3.87	364.72	0.94	88.12	76.0-77.0	0.16	410.61	0.04	99.21
30.0-31.0	3.51	368.23	0.85	88.97	77.0-78.0	0.13	410.74	0.03	99.24
31.0-32.0	3.19	371.42	0.77	89.74	78.0-79.0	0.10	410.84	0.02	99.27
32.0-33.0	2.89	374.31	0.70	90.44	79.0-80.0	0.09	410.92	0.02	99.29
33.0-34.0	2.62	376.93	0.63	91.07	80.0-81.0	0.08	411.00	0.02	99.31
34.0-35.0	2.38	379.31	0.57	91.65	81.0-82.0	0.07	411.07	0.02	99.32
35.0-36.0	2.17	381.47	0.52	92.17	82.0-83.0	0.06	411.13	0.01	99.34
36.0-37.0	1.98	383.45	0.48	92.65	83.0-84.0	0.05	411.18	0.01	99.35
37.0-38.0	1.81	385.26	0.44	93.09	84.0-85.0	0.05	411.23	0.01	99.36
38.0-39.0	1.66	386.92	0.40	93.49	85.0-86.0	0.04	411.27	0.01	99.37
39.0-40.0	1.54	388.45	0.37	93.86	86.0-87.0	0.04	411.31	0.01	99.38
40.0-41.0	1.42	389.87	0.34	94.20	87.0-88.0	0.03	411.34	0.01	99.39
41.0-42.0	1.31	391.19	0.32	94.52	88.0-89.0	0.03	411.37	0.01	99.40
42.0-43.0	1.22	392.41	0.29	94.81	89.0-90.0	0.02	411.39	0.01	99.40
43.0-44.0	1.13	393.54	0.27	95.09	90.0-91.0	0.02	411.41	0.00	99.41
44.0-45.0	1.06	394.60	0.26	95.34	91.0-92.0	0.02	411.43	0.00	99.41
45.0-46.0	0.99	395.58	0.24	95.58	92.0-93.0	0.01	411.44	0.00	99.41
46.0-47.0	0.93	396.51	0.22	95.81	93.0-94.0	0.01	411.45	0.00	99.42

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	0.01	411.46	0.00	99.42	141.0-142.0	0.05	411.68	0.01	99.47
95.0-96.0	0.01	411.47	0.00	99.42	142.0-143.0	0.06	411.73	0.01	99.48
96.0-97.0	0.00	411.47	0.00	99.42	143.0-144.0	0.06	411.80	0.02	99.50
97.0-98.0	0.00	411.48	0.00	99.42	144.0-145.0	0.07	411.87	0.02	99.52
98.0-99.0	0.00	411.48	0.00	99.42	145.0-146.0	0.07	411.94	0.02	99.53
99.0-100.0	0.00	411.48	0.00	99.42	146.0-147.0	0.08	412.02	0.02	99.55
100.0-101.0	0.00	411.48	0.00	99.42	147.0-148.0	0.08	412.10	0.02	99.57
101.0-102.0	0.00	411.48	0.00	99.42	148.0-149.0	0.08	412.18	0.02	99.59
102.0-103.0	0.00	411.48	0.00	99.42	149.0-150.0	0.09	412.27	0.02	99.61
103.0-104.0	0.00	411.48	0.00	99.42	150.0-151.0	0.09	412.36	0.02	99.63
104.0-105.0	0.00	411.48	0.00	99.42	151.0-152.0	0.09	412.45	0.02	99.66
105.0-106.0	0.00	411.48	0.00	99.42	152.0-153.0	0.09	412.53	0.02	99.68
106.0-107.0	0.00	411.48	0.00	99.42	153.0-154.0	0.09	412.62	0.02	99.70
107.0-108.0	0.00	411.48	0.00	99.42	154.0-155.0	0.09	412.71	0.02	99.72
108.0-109.0	0.00	411.48	0.00	99.42	155.0-156.0	0.08	412.79	0.02	99.74
109.0-110.0	0.00	411.48	0.00	99.42	156.0-157.0	0.08	412.88	0.02	99.76
110.0-111.0	0.00	411.48	0.00	99.42	157.0-158.0	0.08	412.96	0.02	99.78
111.0-112.0	0.00	411.48	0.00	99.42	158.0-159.0	0.08	413.04	0.02	99.80
112.0-113.0	0.00	411.48	0.00	99.42	159.0-160.0	0.08	413.11	0.02	99.82
113.0-114.0	0.00	411.48	0.00	99.42	160.0-161.0	0.07	413.18	0.02	99.83
114.0-115.0	0.00	411.48	0.00	99.42	161.0-162.0	0.07	413.25	0.02	99.85
115.0-116.0	0.00	411.48	0.00	99.42	162.0-163.0	0.07	413.32	0.02	99.87
116.0-117.0	0.00	411.48	0.00	99.42	163.0-164.0	0.06	413.38	0.02	99.88
117.0-118.0	0.00	411.48	0.00	99.42	164.0-165.0	0.06	413.44	0.01	99.90
118.0-119.0	0.00	411.48	0.00	99.42	165.0-166.0	0.06	413.50	0.01	99.91
119.0-120.0	0.00	411.48	0.00	99.42	166.0-167.0	0.05	413.55	0.01	99.92
120.0-121.0	0.00	411.48	0.00	99.42	167.0-168.0	0.05	413.60	0.01	99.93
121.0-122.0	0.00	411.48	0.00	99.42	168.0-169.0	0.04	413.64	0.01	99.95
122.0-123.0	0.00	411.48	0.00	99.42	169.0-170.0	0.04	413.69	0.01	99.96
123.0-124.0	0.00	411.48	0.00	99.42	170.0-171.0	0.04	413.72	0.01	99.96
124.0-125.0	0.00	411.48	0.00	99.42	171.0-172.0	0.03	413.75	0.01	99.97
125.0-126.0	0.00	411.48	0.00	99.42	172.0-173.0	0.03	413.78	0.01	99.98
126.0-127.0	0.00	411.48	0.00	99.42	173.0-174.0	0.02	413.81	0.01	99.98
127.0-128.0	0.00	411.48	0.00	99.42	174.0-175.0	0.02	413.83	0.00	99.99
128.0-129.0	0.00	411.48	0.00	99.42	175.0-176.0	0.02	413.84	0.00	99.99
129.0-130.0	0.00	411.48	0.00	99.42	176.0-177.0	0.01	413.86	0.00	100.00
130.0-131.0	0.00	411.48	0.00	99.42	177.0-178.0	0.01	413.86	0.00	100.00
131.0-132.0	0.00	411.48	0.00	99.42	178.0-179.0	0.01	413.87	0.00	100.00
132.0-133.0	0.00	411.48	0.00	99.42	179.0-180.0	0.00	413.87	0.00	100.00
133.0-134.0	0.00	411.48	0.00	99.42					
134.0-135.0	0.00	411.48	0.00	99.42					
135.0-136.0	0.01	411.49	0.00	99.43					
136.0-137.0	0.01	411.51	0.00	99.43					
137.0-138.0	0.02	411.53	0.00	99.43					
138.0-139.0	0.03	411.55	0.01	99.44					
139.0-140.0	0.03	411.59	0.01	99.45					
140.0-141.0	0.04	411.63	0.01	99.46					

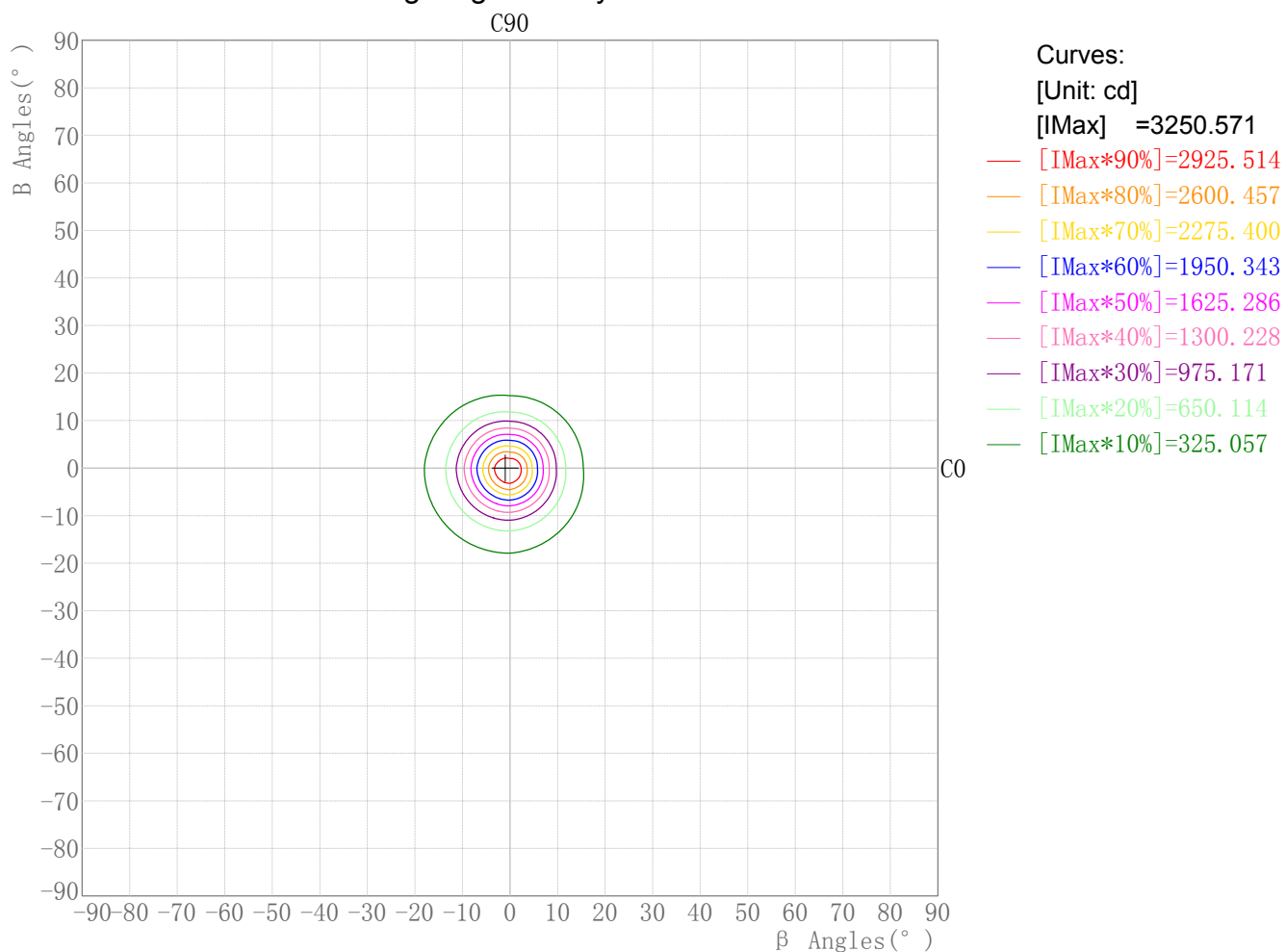
# IES Indoor Report

Photometric Filename:MD10-06-SL-01 4000K RA97 15D.IES

## Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-06-SL-01 4000K RA97 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: 2019/12/09

### ISO Lighting Intensity Curve



Maximum Light Intensity(cd): 3250.57

Maximum Cand.@Angle: H=-1.0°,V=0.0°

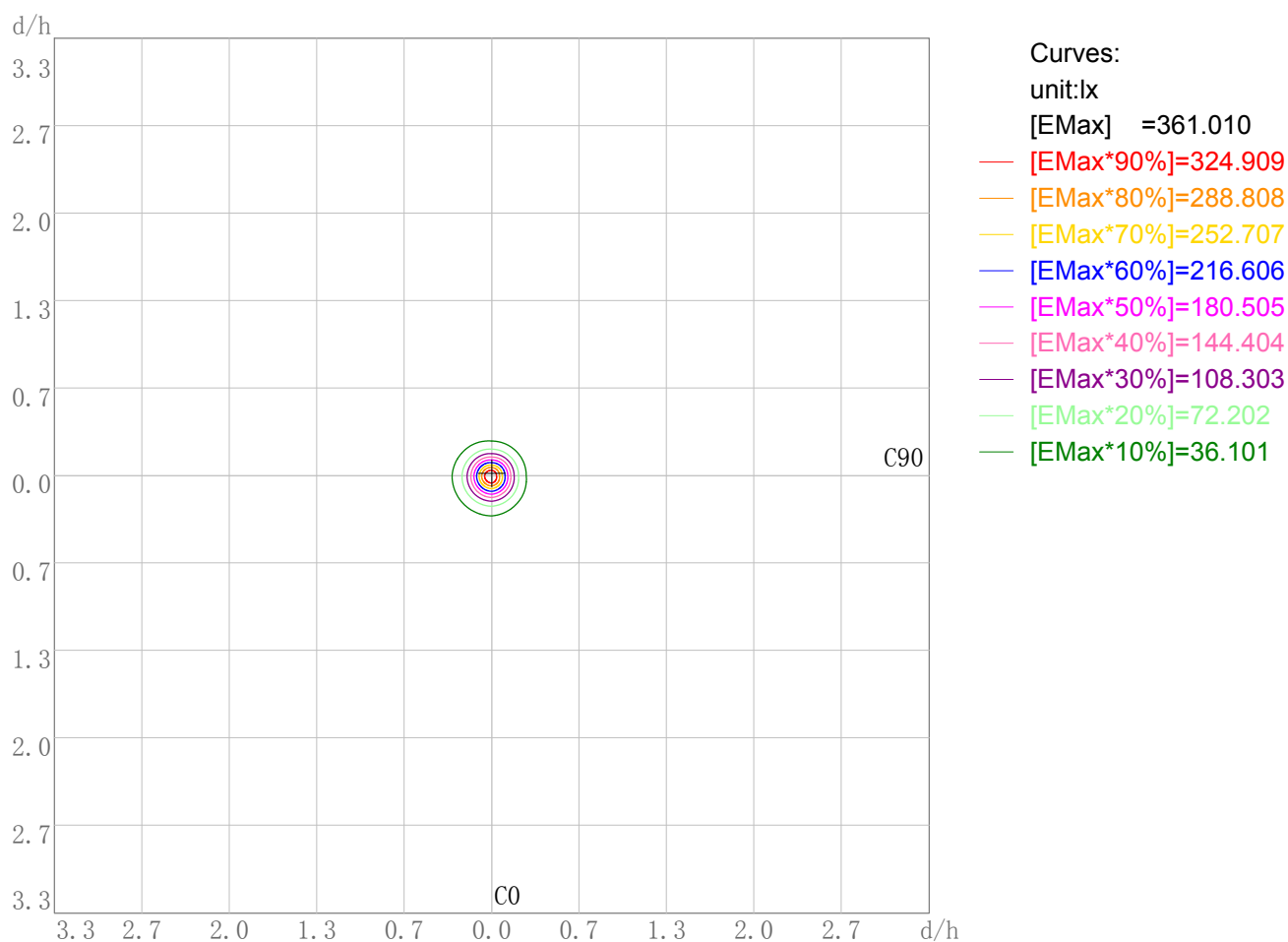
# IES Indoor Report

Photometric Filename:MD10-06-SL-01 4000K RA97 15D.IES

## Plane ISO-Illuminance Diagram

Lum. Name: MD10-06-SL-01 4000K RA97 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: 2019/12/09

## Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 361.01

Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

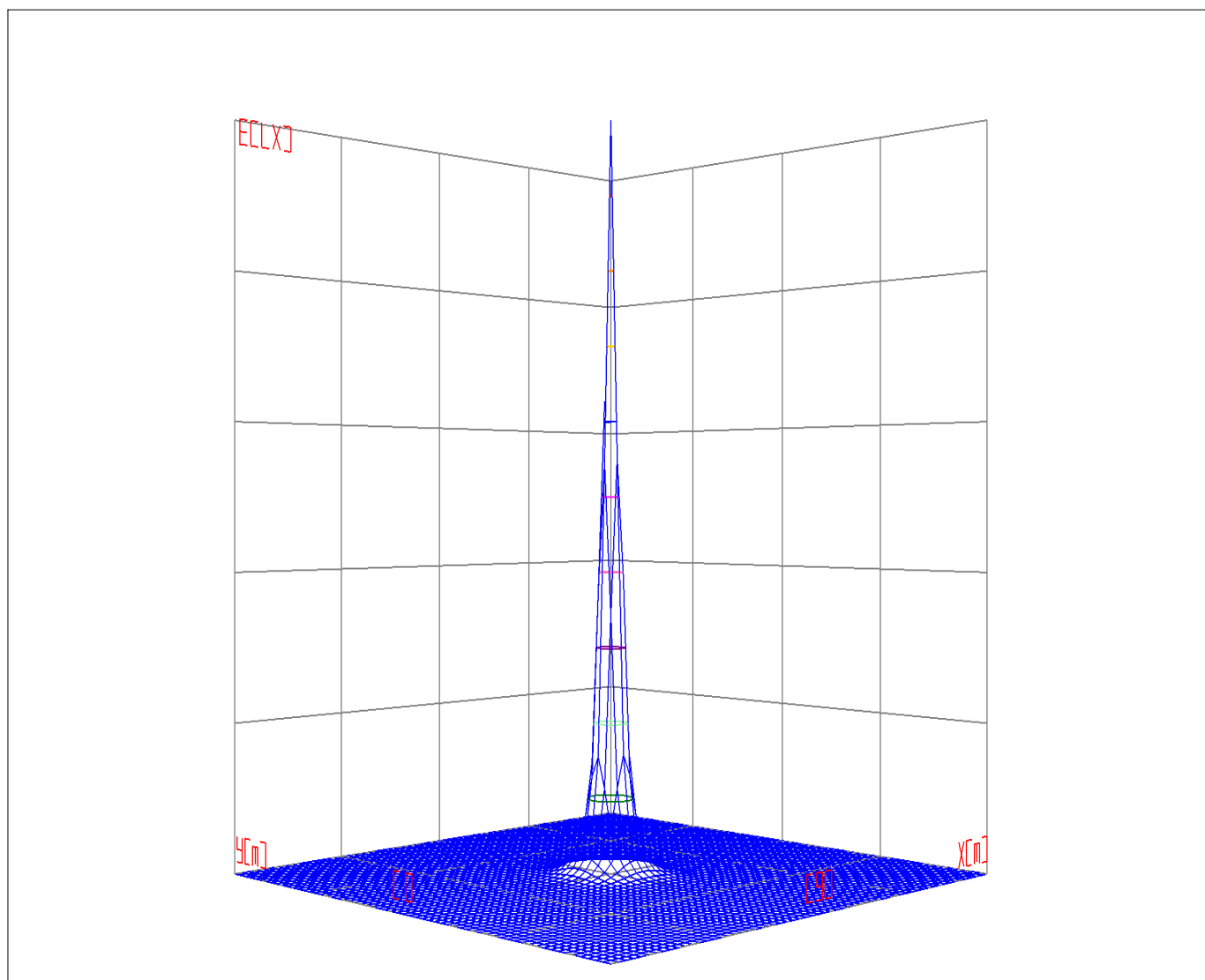
# IES Indoor Report

Photometric Filename:MD10-06-SL-01 4000K RA97 15D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: MD10-06-SL-01 4000K RA97 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: 2019/12/09

## 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



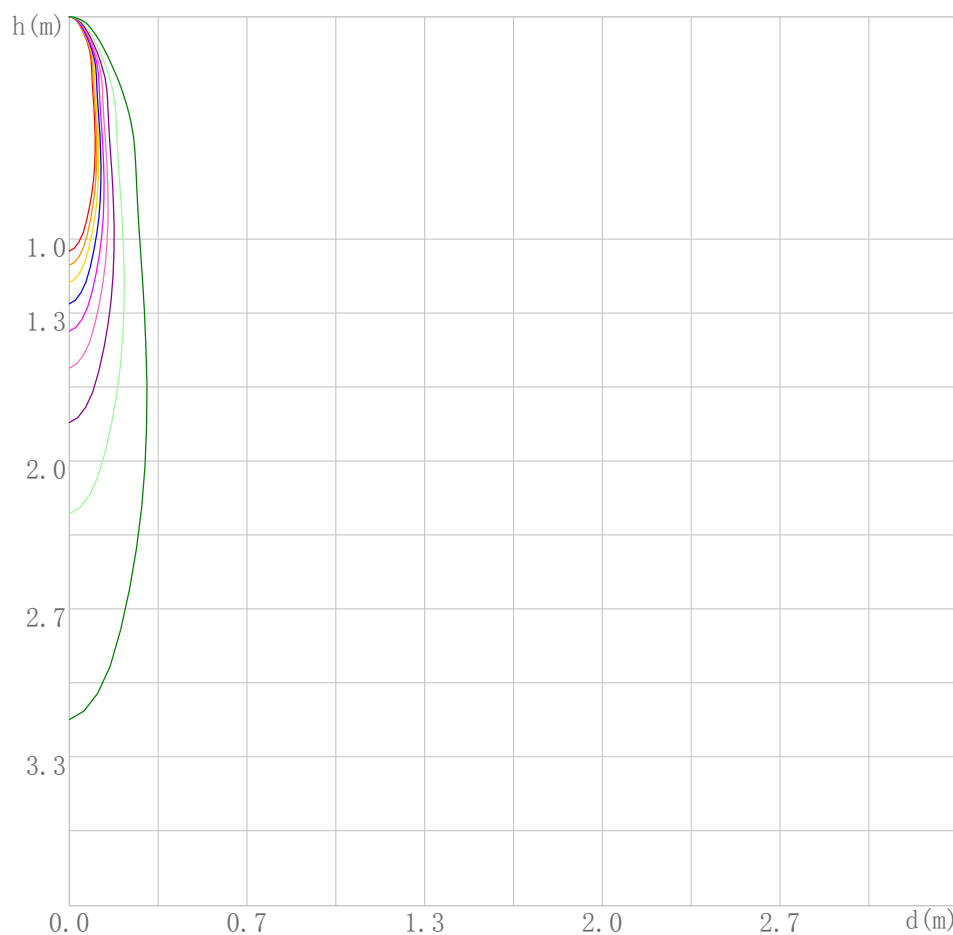
# IES Indoor Report

Photometric Filename:MD10-06-SL-01 4000K RA97 15D.IES

## Space ISO Illuminance Diagram

Lum. Name: MD10-06-SL-01 4000K RA97 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: 2019/12/09

## Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =3235.553

— [EMax\*90%]=2911.998

— [EMax\*80%]=2588.442

— [EMax\*70%]=2264.887

— [EMax\*60%]=1941.332

— [EMax\*50%]=1617.776

— [EMax\*40%]=1294.221

— [EMax\*30%]=970.666

— [EMax\*20%]=647.111

— [EMax\*10%]=323.555

Space Plane Maximum Illuminance and @Angle:3235.55lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:3235.553cd,0deg

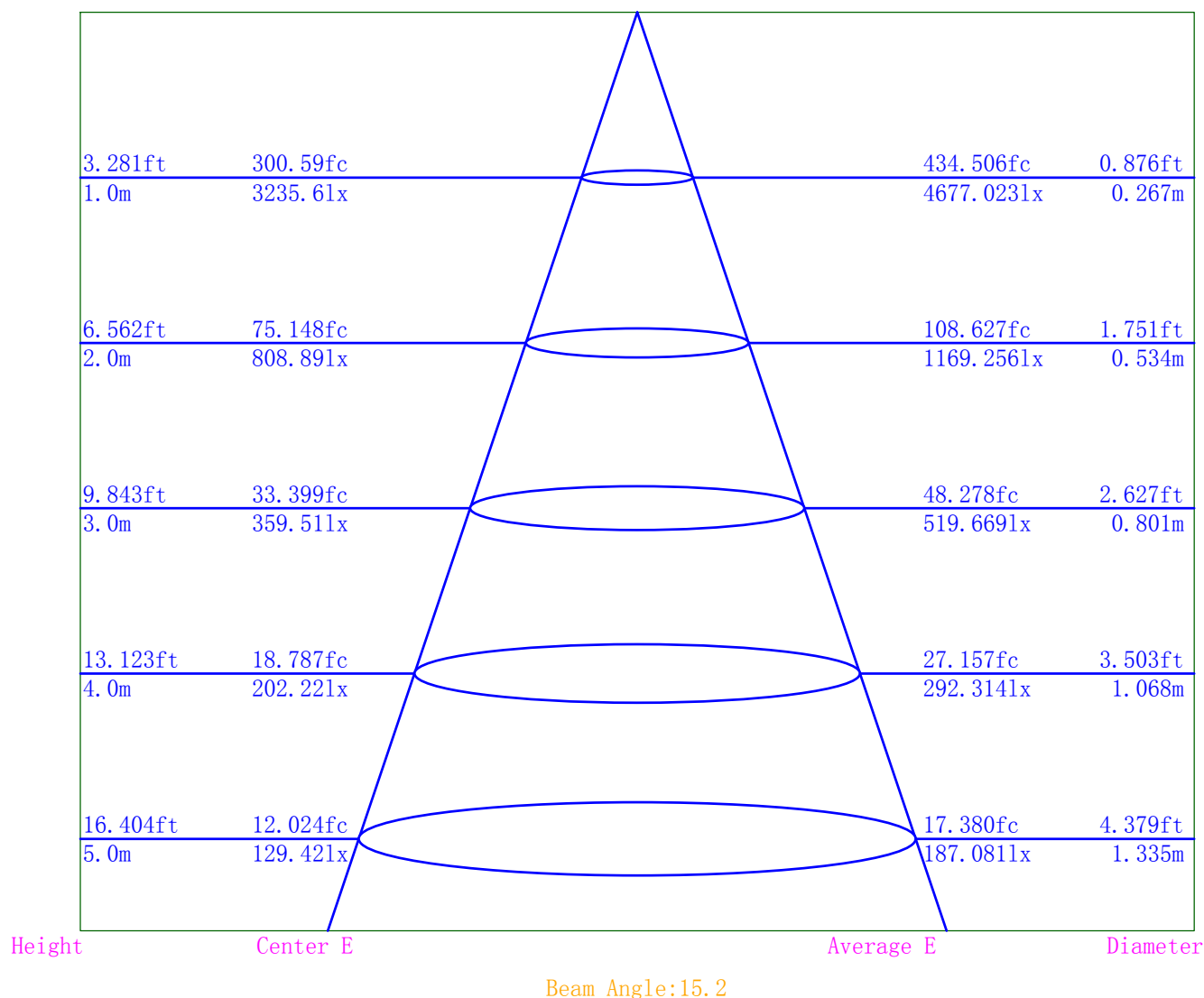
# IES Indoor Report

Photometric Filename:MD10-06-SL-01 4000K RA97 15D.IES

## Illuminance-Distance Diagram

Lum. Name: MD10-06-SL-01 4000K RA97 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: 2019/12/09

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

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

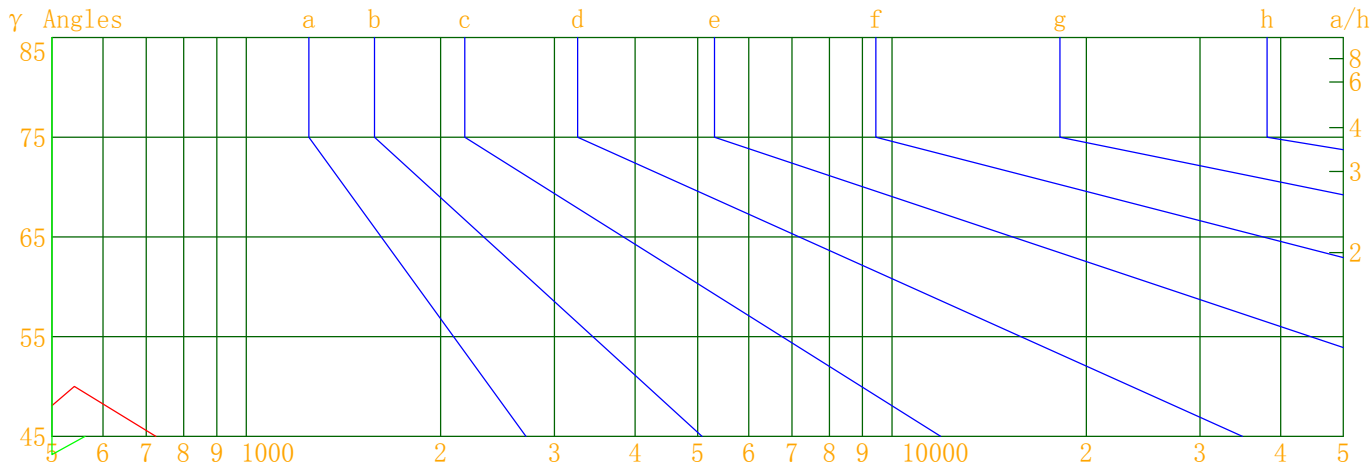
Glare Grade Table

Table with 10 columns: GI, Quality, and 8 columns for Using Illuminance (a-h).

Luminance Table

Table with 10 columns: Gama (deg), 45, 50, 55, 60, 65, 70, 75, 80, 85; C0; C90.

Luminance Limiting Curve



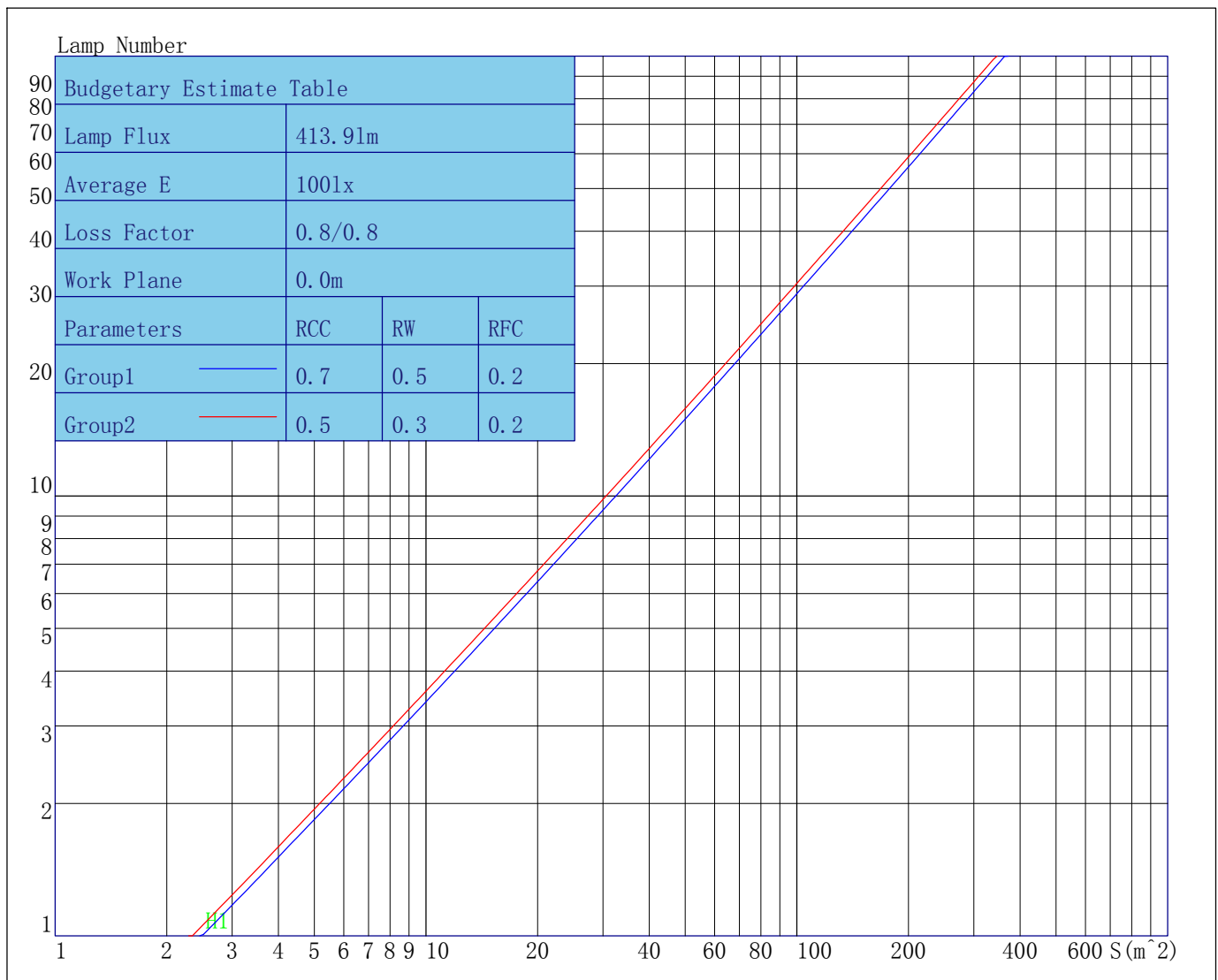
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.450 Area(m^2)=0.025000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

# IES Indoor Report

Photometric Filename:MD10-06-SL-01 4000K RA97 15D.IES

## Indoor Budgetary Estimate Table

Lum. Name: MD10-06-SL-01 4000K RA97 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: 2019/12/09



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 7 columns: Coef., Effective Floor Cavity Reflectance RFC=0.20, RhoCC (%), RhoW (%), RCR, Coefficient of Utilization(%), and numerical data rows for RCR values 0-10.

Unified Glare Rating Table

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

Unified Glare Rating Table

Table with 11 columns for room surfaces (Ceiling, Wall, Floor) and room sizes (X=2H to X=12H) with Y-axis variations. Includes a section for Variations with the observer position at spacings (S=1.0H to S=2.0H) and a Reduced UGR Table with Nordic Standard and Correction Value.

to 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	3235.55	3235.55	3235.55	3235.55
γ 1.0	3160.11	3120.26	3250.57	3209.74
γ 2.0	3003.40	2930.70	3168.99	3123.72
γ 3.0	2775.22	2690.85	2992.43	2968.20
γ 4.0	2477.14	2434.67	2747.30	2747.88
γ 5.0	2172.39	2173.11	2476.34	2466.27
γ 6.0	1886.61	1907.38	2204.22	2165.48
γ 7.0	1615.85	1641.47	1939.28	1876.19
γ 8.0	1359.26	1390.93	1682.66	1608.43
γ 9.0	1125.80	1153.75	1442.38	1367.35
γ 10.0	921.59	941.58	1225.48	1154.07
γ 11.0	746.12	764.68	1029.72	967.60
γ 12.0	607.31	618.91	859.68	807.97
γ 13.0	496.14	501.60	715.19	676.05
γ 14.0	410.47	408.66	596.38	567.09
γ 15.0	345.53	337.10	503.35	480.40
γ 16.0	296.41	282.95	430.23	414.02
γ 17.0	258.33	241.76	372.67	362.16
γ 18.0	228.59	209.95	326.37	320.60
γ 19.0	203.91	184.46	287.77	285.54
γ 20.0	183.31	163.35	254.25	255.43
γ 21.0	165.93	146.26	225.82	228.73
γ 22.0	150.60	131.73	200.85	205.38
γ 23.0	137.02	118.02	179.51	185.20
γ 24.0	123.89	105.32	160.62	167.07
γ 25.0	111.48	93.24	142.74	150.48
γ 26.0	100.22	82.64	125.98	134.93
γ 27.0	89.10	72.01	111.20	120.74
γ 28.0	78.70	62.46	97.99	107.54
γ 29.0	69.69	54.45	86.06	95.18
γ 30.0	61.88	47.35	75.40	84.04
γ 31.0	54.78	41.50	66.07	74.14
γ 32.0	48.57	36.62	57.79	65.37
γ 33.0	43.01	32.42	50.68	57.60
γ 34.0	38.06	28.87	44.58	50.98
γ 35.0	33.77	25.85	39.22	45.18
γ 36.0	30.05	23.18	34.58	40.20
γ 37.0	26.86	20.87	30.61	35.94
γ 38.0	24.26	18.86	27.23	32.24
γ 39.0	21.93	17.14	24.34	28.98
γ 40.0	19.87	15.64	21.90	26.25
γ 41.0	18.06	14.19	19.78	23.73
γ 42.0	16.52	12.96	17.86	21.59
γ 43.0	15.10	11.82	16.22	19.58
γ 44.0	13.91	10.84	14.74	17.86
γ 45.0	12.80	9.95	13.48	16.35
γ 46.0	11.83	9.12	12.41	15.05

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	10.90	8.39	11.45	13.89
γ 48.0	10.10	7.70	10.60	12.83
γ 49.0	9.36	7.09	9.84	11.87
γ 50.0	8.70	6.55	9.17	11.03
γ 51.0	8.10	6.11	8.56	10.30
γ 52.0	7.57	5.73	8.08	9.64
γ 53.0	7.08	5.39	7.62	9.05
γ 54.0	6.68	5.11	7.20	8.56
γ 55.0	6.31	4.87	6.83	8.12
γ 56.0	6.00	4.66	6.52	7.73
γ 57.0	5.68	4.42	6.27	7.37
γ 58.0	5.39	4.23	6.01	7.04
γ 59.0	5.15	4.03	5.77	6.75
γ 60.0	4.93	3.84	5.55	6.45
γ 61.0	4.72	3.65	5.34	6.22
γ 62.0	4.50	3.47	5.12	5.97
γ 63.0	4.29	3.29	4.88	5.72
γ 64.0	4.09	3.11	4.65	5.45
γ 65.0	3.89	2.96	4.42	5.22
γ 66.0	3.69	2.78	4.17	4.98
γ 67.0	3.46	2.59	3.92	4.74
γ 68.0	3.27	2.43	3.67	4.45
γ 69.0	3.05	2.24	3.41	4.19
γ 70.0	2.86	2.09	3.10	3.81
γ 71.0	2.67	1.91	2.88	3.58
γ 72.0	2.47	1.73	2.64	3.36
γ 73.0	2.26	1.53	2.39	3.13
γ 74.0	2.05	1.32	2.13	2.87
γ 75.0	1.84	1.10	1.85	2.60
γ 76.0	1.61	0.87	1.60	2.32
γ 77.0	1.38	0.62	1.30	2.04
γ 78.0	1.12	0.38	1.00	1.74
γ 79.0	1.01	0.30	0.69	1.41
γ 80.0	0.92	0.24	0.55	1.21
γ 81.0	0.86	0.19	0.47	1.12
γ 82.0	0.78	0.14	0.42	1.03
γ 83.0	0.73	0.09	0.36	0.97
γ 84.0	0.65	0.04	0.30	0.89
γ 85.0	0.59	0.00	0.23	0.81
γ 86.0	0.54	0.00	0.17	0.74
γ 87.0	0.47	0.00	0.12	0.66
γ 88.0	0.41	0.00	0.07	0.58
γ 89.0	0.37	0.00	0.01	0.49
γ 90.0	0.33	0.00	0.00	0.43
γ 91.0	0.29	0.00	0.00	0.38
γ 92.0	0.25	0.00	0.00	0.31
γ 93.0	0.21	0.00	0.00	0.25



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.18	0.00	0.00	0.19
γ 95.0	0.15	0.00	0.00	0.14
γ 96.0	0.12	0.00	0.00	0.09
γ 97.0	0.09	0.00	0.00	0.04
γ 98.0	0.06	0.00	0.00	0.01
γ 99.0	0.03	0.00	0.00	0.00
γ 100.0	0.01	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	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	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00
γ 133.0	0.00	0.00	0.00	0.00
γ 134.0	0.06	0.00	0.00	0.06
γ 135.0	0.14	0.00	0.03	0.13
γ 136.0	0.22	0.03	0.11	0.21
γ 137.0	0.31	0.12	0.20	0.30
γ 138.0	0.40	0.21	0.30	0.38
γ 139.0	0.50	0.31	0.40	0.50
γ 140.0	0.61	0.42	0.51	0.61

# IES Indoor Report

Photometric Filename:MD10-06-SL-01 4000K RA97 15D.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.72	0.55	0.63	0.72
γ 142.0	0.83	0.67	0.75	0.84
γ 143.0	0.96	0.78	0.87	0.96
γ 144.0	1.07	0.90	1.00	1.08
γ 145.0	1.18	1.03	1.12	1.19
γ 146.0	1.29	1.13	1.23	1.30
γ 147.0	1.39	1.23	1.34	1.39
γ 148.0	1.49	1.32	1.44	1.49
γ 149.0	1.57	1.41	1.53	1.57
γ 150.0	1.65	1.49	1.62	1.64
γ 151.0	1.72	1.55	1.69	1.71
γ 152.0	1.77	1.61	1.75	1.75
γ 153.0	1.83	1.66	1.81	1.80
γ 154.0	1.88	1.69	1.87	1.84
γ 155.0	1.91	1.72	1.91	1.87
γ 156.0	1.95	1.75	1.94	1.91
γ 157.0	1.96	1.76	1.98	1.94
γ 158.0	1.99	1.77	2.01	1.97
γ 159.0	2.02	1.79	2.04	1.98
γ 160.0	2.02	1.80	2.06	2.00
γ 161.0	2.04	1.81	2.07	2.01
γ 162.0	2.05	1.83	2.10	2.02
γ 163.0	2.08	1.86	2.10	2.04
γ 164.0	2.08	1.88	2.12	2.04
γ 165.0	2.09	1.89	2.13	2.05
γ 166.0	2.09	1.92	2.14	2.05
γ 167.0	2.10	1.93	2.14	2.05
γ 168.0	2.09	1.94	2.14	2.04
γ 169.0	2.08	1.95	2.15	2.03
γ 170.0	2.07	1.94	2.14	2.00
γ 171.0	2.04	1.93	2.13	1.98
γ 172.0	2.03	1.91	2.10	1.95
γ 173.0	1.99	1.88	2.08	1.90
γ 174.0	1.96	1.85	2.04	1.87
γ 175.0	1.92	1.82	2.00	1.84
γ 176.0	1.90	1.78	1.97	1.80
γ 177.0	1.88	1.76	1.93	1.78
γ 178.0	1.87	1.72	1.89	1.77
γ 179.0	1.85	1.70	1.88	1.77
γ 180.0	1.82	1.82	1.82	1.82