

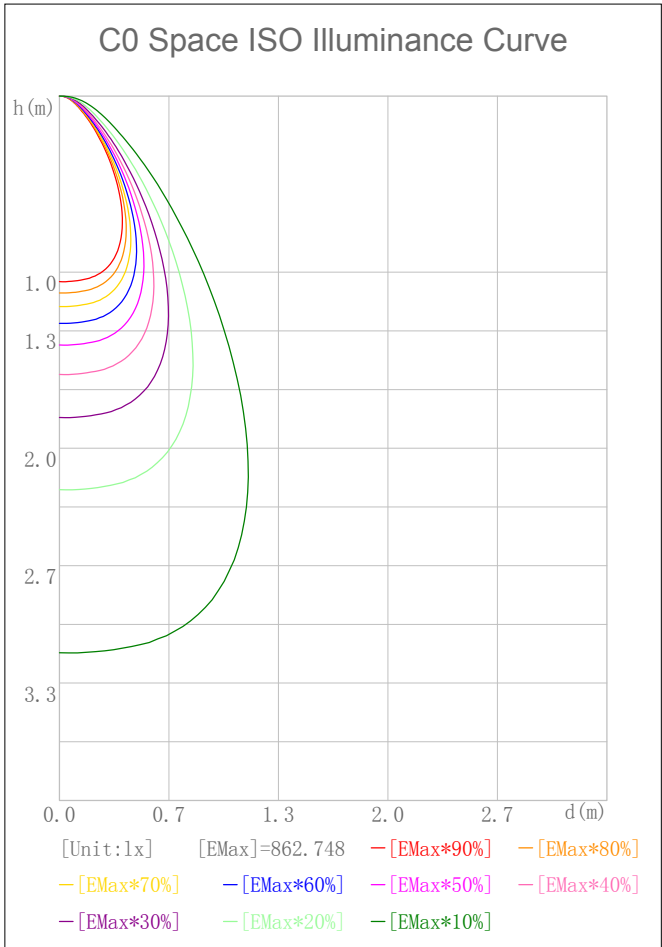
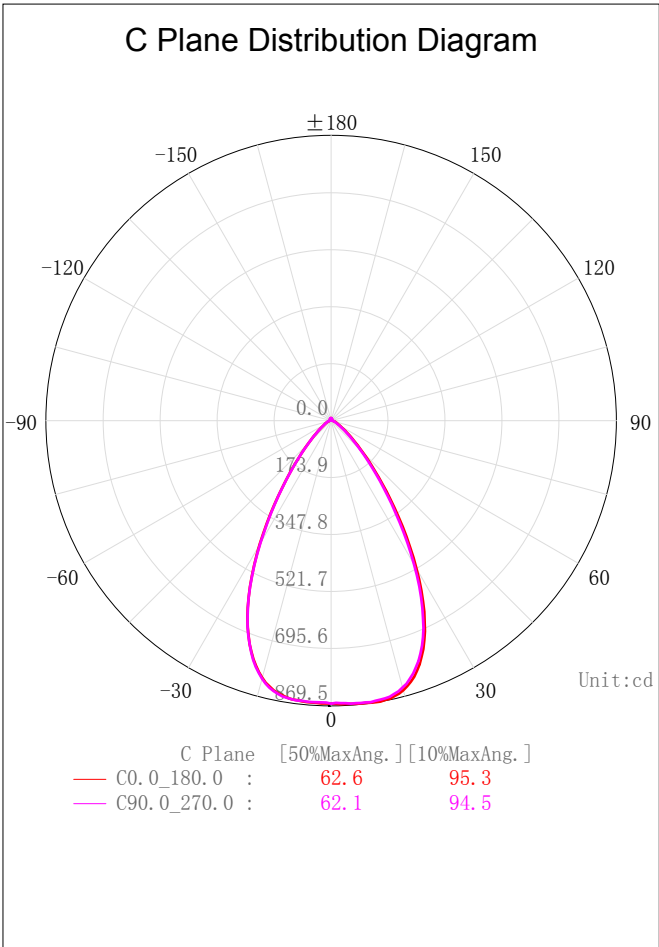
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-SL-03 4000K RA97 60D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2020/01/03
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):0.498m*0.498m*0.650m		Lum. Area (m2):0.572	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%):

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 986.420	Luminary Flux(lm): 986.417	Field Angle(10%Imax): 95.3(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 960.700lm 97.39%	
Rated Voltage(V):	Luminary EER(lm/W): 76.407	Up Lumens&Percent: 25.717lm 2.61%	
Tested Power(W): 12.910	Max. Candela(cd): 869.468	S/MH: C0_a180=0.987 C90_270=0.980	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=10.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.2, 0.056	Beam Angle(50%Imax): 62.6(°)	ErP Φ use(90°): 851.240lm	
Lamp Size (W*L*H):0.498m*0.498m*0.650m	Left=-30.0°, Right=32.6°	IRF(%): 194.576	



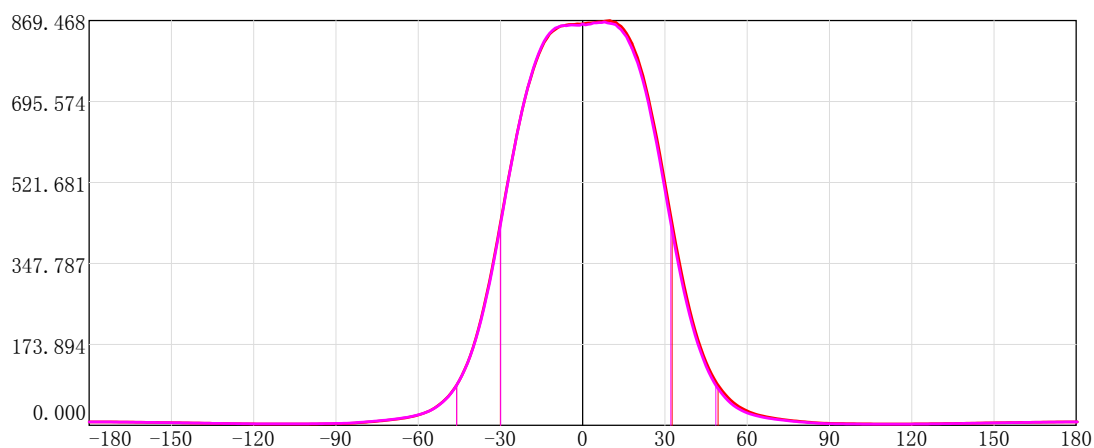
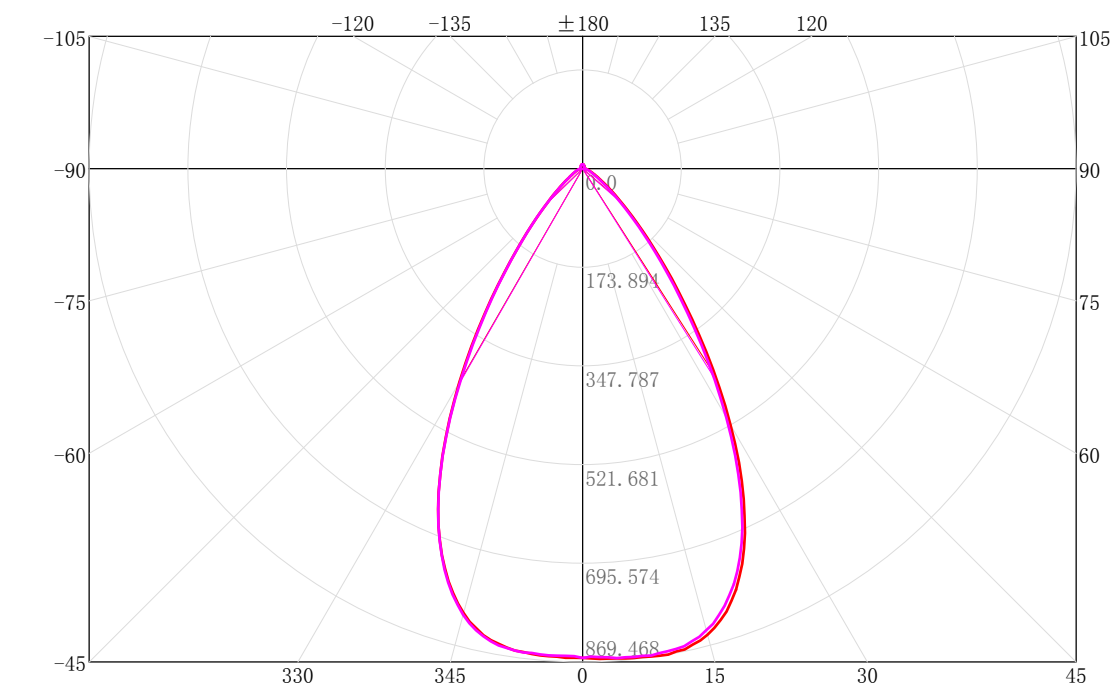
# IES Indoor Report

Photometric Filename:MD10-13-SL-03 4000K RA97 60D IES.IES

## 2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-SL-03 4000K RA97 60D	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: 2020/01/03

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]  
— C0.0\_180.0 : 62.6 95.3  
— C90.0\_270.0 : 62.1 94.5

Unit:cd

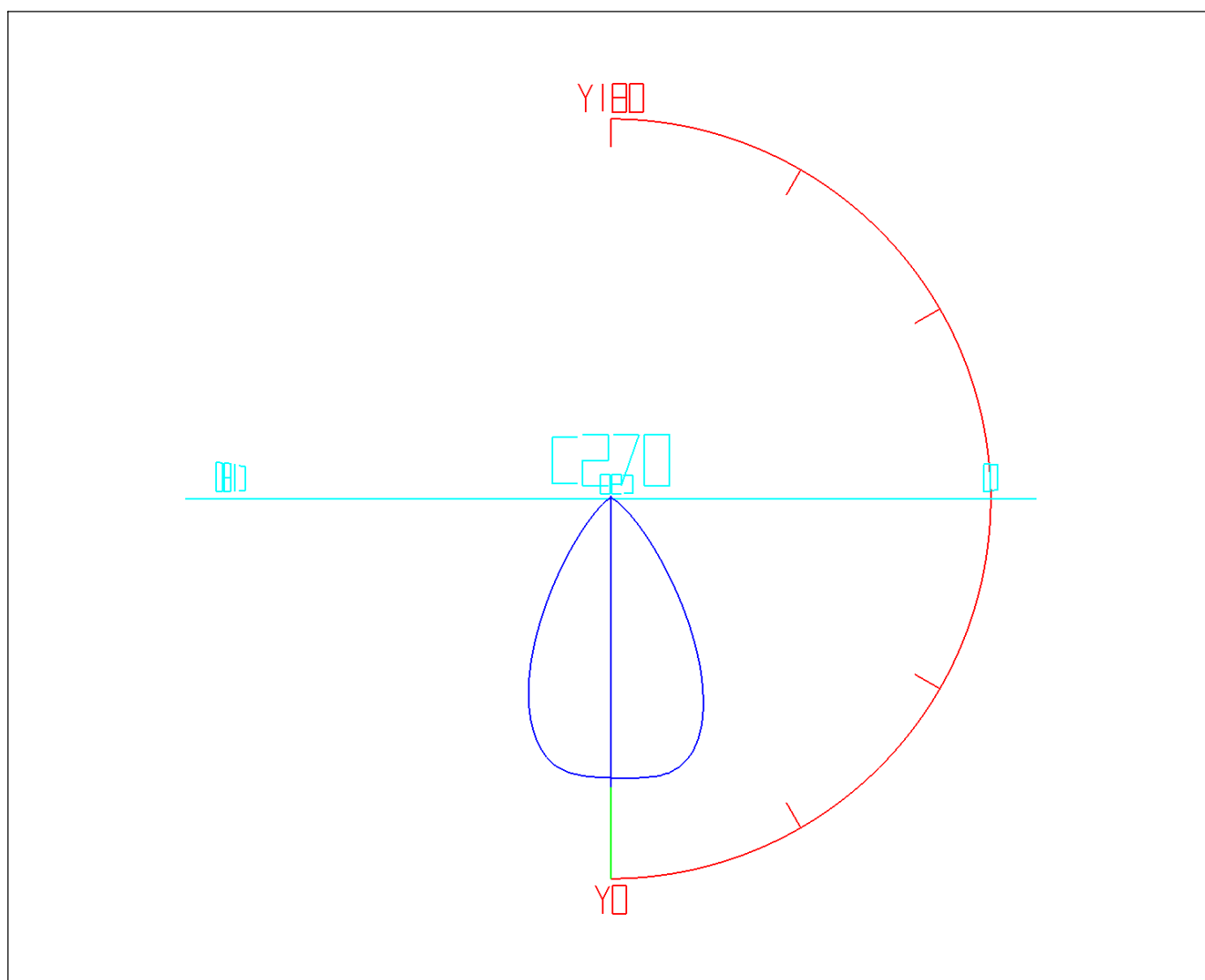
# IES Indoor Report

Photometric Filename:MD10-13-SL-03 4000K RA97 60D IES.IES

## 3D Light Intensity Distribution Modal

Lum. Name: MD10-13-SL-03 4000K RA97 60D	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: 2020/01/03

## 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

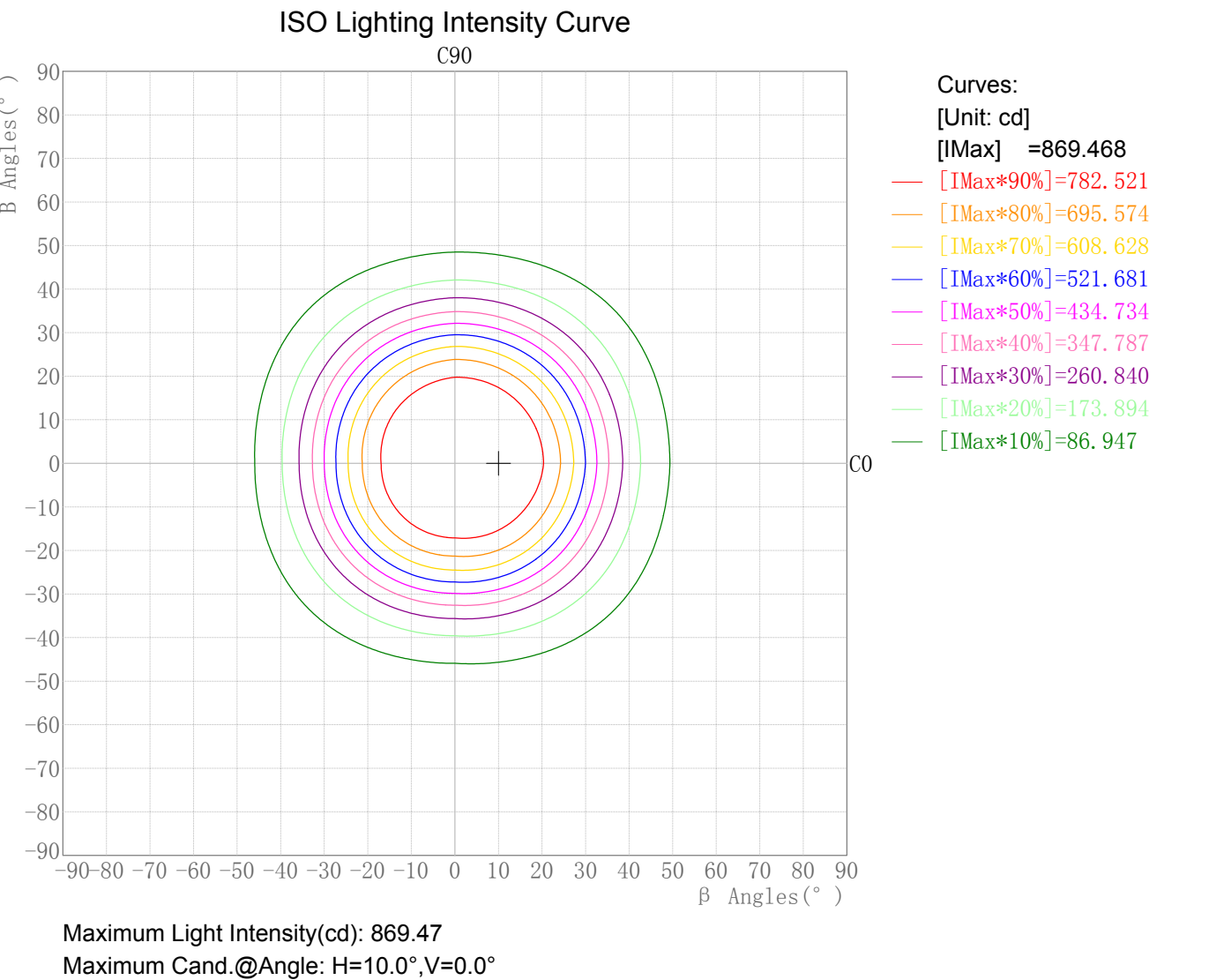
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.82	0.82	0.08	0.08	47.0-48.0	7.06	876.03	0.72	88.81
1.0-2.0	2.47	3.30	0.25	0.33	48.0-49.0	6.44	882.47	0.65	89.46
2.0-3.0	4.12	7.42	0.42	0.75	49.0-50.0	5.88	888.35	0.60	90.06
3.0-4.0	5.77	13.19	0.59	1.34	50.0-51.0	5.38	893.73	0.54	90.60
4.0-5.0	7.42	20.61	0.75	2.09	51.0-52.0	4.91	898.64	0.50	91.10
5.0-6.0	9.07	29.68	0.92	3.01	52.0-53.0	4.49	903.13	0.46	91.56
6.0-7.0	10.71	40.38	1.09	4.09	53.0-54.0	4.11	907.23	0.42	91.97
7.0-8.0	12.34	52.73	1.25	5.35	54.0-55.0	3.76	910.99	0.38	92.35
8.0-9.0	13.96	66.69	1.42	6.76	55.0-56.0	3.45	914.45	0.35	92.70
9.0-10.0	15.56	82.25	1.58	8.34	56.0-57.0	3.18	917.63	0.32	93.03
10.0-11.0	17.14	99.39	1.74	10.08	57.0-58.0	2.94	920.57	0.30	93.32
11.0-12.0	18.67	118.06	1.89	11.97	58.0-59.0	2.72	923.29	0.28	93.60
12.0-13.0	20.15	138.21	2.04	14.01	59.0-60.0	2.53	925.83	0.26	93.86
13.0-14.0	21.56	159.77	2.19	16.20	60.0-61.0	2.37	928.19	0.24	94.10
14.0-15.0	22.90	182.67	2.32	18.52	61.0-62.0	2.22	930.41	0.22	94.32
15.0-16.0	24.14	206.80	2.45	20.96	62.0-63.0	2.08	932.49	0.21	94.53
16.0-17.0	25.28	232.08	2.56	23.53	63.0-64.0	1.96	934.45	0.20	94.73
17.0-18.0	26.31	258.38	2.67	26.19	64.0-65.0	1.85	936.30	0.19	94.92
18.0-19.0	27.20	285.58	2.76	28.95	65.0-66.0	1.75	938.05	0.18	95.10
19.0-20.0	27.96	313.55	2.83	31.79	66.0-67.0	1.66	939.71	0.17	95.26
20.0-21.0	28.58	342.13	2.90	34.68	67.0-68.0	1.57	941.28	0.16	95.42
21.0-22.0	29.05	371.18	2.94	37.63	68.0-69.0	1.49	942.77	0.15	95.57
22.0-23.0	29.34	400.52	2.97	40.60	69.0-70.0	1.41	944.18	0.14	95.72
23.0-24.0	29.46	429.98	2.99	43.59	70.0-71.0	1.34	945.52	0.14	95.85
24.0-25.0	29.37	459.35	2.98	46.57	71.0-72.0	1.27	946.80	0.13	95.98
25.0-26.0	29.11	488.46	2.95	49.52	72.0-73.0	1.21	948.01	0.12	96.11
26.0-27.0	28.68	517.14	2.91	52.43	73.0-74.0	1.15	949.15	0.12	96.22
27.0-28.0	28.08	545.22	2.85	55.27	74.0-75.0	1.09	950.24	0.11	96.33
28.0-29.0	27.32	572.54	2.77	58.04	75.0-76.0	1.03	951.27	0.10	96.44
29.0-30.0	26.41	598.95	2.68	60.72	76.0-77.0	0.97	952.24	0.10	96.54
30.0-31.0	25.38	624.33	2.57	63.29	77.0-78.0	0.92	953.16	0.09	96.63
31.0-32.0	24.25	648.58	2.46	65.75	78.0-79.0	0.87	954.03	0.09	96.72
32.0-33.0	23.05	671.63	2.34	68.09	79.0-80.0	0.82	954.85	0.08	96.80
33.0-34.0	21.78	693.40	2.21	70.29	80.0-81.0	0.77	955.62	0.08	96.88
34.0-35.0	20.47	713.87	2.08	72.37	81.0-82.0	0.72	956.34	0.07	96.95
35.0-36.0	19.16	733.03	1.94	74.31	82.0-83.0	0.67	957.02	0.07	97.02
36.0-37.0	17.87	750.90	1.81	76.12	83.0-84.0	0.63	957.65	0.06	97.08
37.0-38.0	16.61	767.51	1.68	77.81	84.0-85.0	0.58	958.23	0.06	97.14
38.0-39.0	15.40	782.92	1.56	79.37	85.0-86.0	0.55	958.78	0.06	97.20
39.0-40.0	14.24	797.16	1.44	80.81	86.0-87.0	0.51	959.29	0.05	97.25
40.0-41.0	13.12	810.28	1.33	82.14	87.0-88.0	0.49	959.78	0.05	97.30
41.0-42.0	12.06	822.34	1.22	83.37	88.0-89.0	0.47	960.25	0.05	97.35
42.0-43.0	11.06	833.40	1.12	84.49	89.0-90.0	0.45	960.70	0.05	97.39
43.0-44.0	10.12	843.53	1.03	85.51	90.0-91.0	0.44	961.14	0.04	97.44
44.0-45.0	9.26	852.78	0.94	86.45	91.0-92.0	0.43	961.57	0.04	97.48
45.0-46.0	8.46	861.24	0.86	87.31	92.0-93.0	0.42	961.99	0.04	97.52
46.0-47.0	7.73	868.97	0.78	88.09	93.0-94.0	0.41	962.41	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	0.40	962.81	0.04	97.61	141.0-142.0	0.34	978.29	0.03	99.18
95.0-96.0	0.39	963.20	0.04	97.65	142.0-143.0	0.34	978.63	0.03	99.21
96.0-97.0	0.38	963.59	0.04	97.69	143.0-144.0	0.34	978.97	0.03	99.24
97.0-98.0	0.38	963.96	0.04	97.72	144.0-145.0	0.33	979.30	0.03	99.28
98.0-99.0	0.37	964.33	0.04	97.76	145.0-146.0	0.33	979.63	0.03	99.31
99.0-100.0	0.36	964.69	0.04	97.80	146.0-147.0	0.33	979.96	0.03	99.35
100.0-101.0	0.35	965.05	0.04	97.83	147.0-148.0	0.33	980.28	0.03	99.38
101.0-102.0	0.35	965.39	0.04	97.87	148.0-149.0	0.32	980.61	0.03	99.41
102.0-103.0	0.34	965.74	0.03	97.90	149.0-150.0	0.32	980.92	0.03	99.44
103.0-104.0	0.34	966.07	0.03	97.94	150.0-151.0	0.31	981.24	0.03	99.47
104.0-105.0	0.33	966.40	0.03	97.97	151.0-152.0	0.31	981.54	0.03	99.51
105.0-106.0	0.33	966.73	0.03	98.00	152.0-153.0	0.30	981.84	0.03	99.54
106.0-107.0	0.32	967.05	0.03	98.04	153.0-154.0	0.30	982.14	0.03	99.57
107.0-108.0	0.32	967.37	0.03	98.07	154.0-155.0	0.29	982.43	0.03	99.60
108.0-109.0	0.32	967.69	0.03	98.10	155.0-156.0	0.28	982.71	0.03	99.62
109.0-110.0	0.31	968.00	0.03	98.13	156.0-157.0	0.27	982.99	0.03	99.65
110.0-111.0	0.31	968.31	0.03	98.16	157.0-158.0	0.27	983.25	0.03	99.68
111.0-112.0	0.31	968.62	0.03	98.20	158.0-159.0	0.26	983.51	0.03	99.71
112.0-113.0	0.31	968.93	0.03	98.23	159.0-160.0	0.25	983.76	0.03	99.73
113.0-114.0	0.31	969.24	0.03	98.26	160.0-161.0	0.24	984.00	0.02	99.75
114.0-115.0	0.31	969.54	0.03	98.29	161.0-162.0	0.23	984.23	0.02	99.78
115.0-116.0	0.31	969.85	0.03	98.32	162.0-163.0	0.22	984.46	0.02	99.80
116.0-117.0	0.31	970.15	0.03	98.35	163.0-164.0	0.21	984.67	0.02	99.82
117.0-118.0	0.31	970.46	0.03	98.38	164.0-165.0	0.20	984.87	0.02	99.84
118.0-119.0	0.31	970.76	0.03	98.41	165.0-166.0	0.19	985.06	0.02	99.86
119.0-120.0	0.31	971.07	0.03	98.44	166.0-167.0	0.18	985.24	0.02	99.88
120.0-121.0	0.31	971.38	0.03	98.48	167.0-168.0	0.17	985.41	0.02	99.90
121.0-122.0	0.31	971.69	0.03	98.51	168.0-169.0	0.16	985.56	0.02	99.91
122.0-123.0	0.31	972.01	0.03	98.54	169.0-170.0	0.14	985.71	0.01	99.93
123.0-124.0	0.31	972.32	0.03	98.57	170.0-171.0	0.13	985.84	0.01	99.94
124.0-125.0	0.32	972.64	0.03	98.60	171.0-172.0	0.12	985.96	0.01	99.95
125.0-126.0	0.32	972.95	0.03	98.63	172.0-173.0	0.11	986.07	0.01	99.96
126.0-127.0	0.32	973.28	0.03	98.67	173.0-174.0	0.09	986.16	0.01	99.97
127.0-128.0	0.32	973.60	0.03	98.70	174.0-175.0	0.08	986.24	0.01	99.98
128.0-129.0	0.33	973.92	0.03	98.73	175.0-176.0	0.06	986.30	0.01	99.99
129.0-130.0	0.33	974.25	0.03	98.77	176.0-177.0	0.05	986.35	0.01	99.99
130.0-131.0	0.33	974.58	0.03	98.80	177.0-178.0	0.04	986.39	0.00	100.00
131.0-132.0	0.33	974.91	0.03	98.83	178.0-179.0	0.02	986.41	0.00	100.00
132.0-133.0	0.33	975.25	0.03	98.87	179.0-180.0	0.01	986.42	0.00	100.00
133.0-134.0	0.34	975.58	0.03	98.90					
134.0-135.0	0.34	975.92	0.03	98.94					
135.0-136.0	0.34	976.26	0.03	98.97					
136.0-137.0	0.34	976.60	0.03	99.00					
137.0-138.0	0.34	976.94	0.03	99.04					
138.0-139.0	0.34	977.28	0.03	99.07					
139.0-140.0	0.34	977.62	0.03	99.11					
140.0-141.0	0.34	977.95	0.03	99.14					

Rectangle ISO Lighting Intensity Diagram

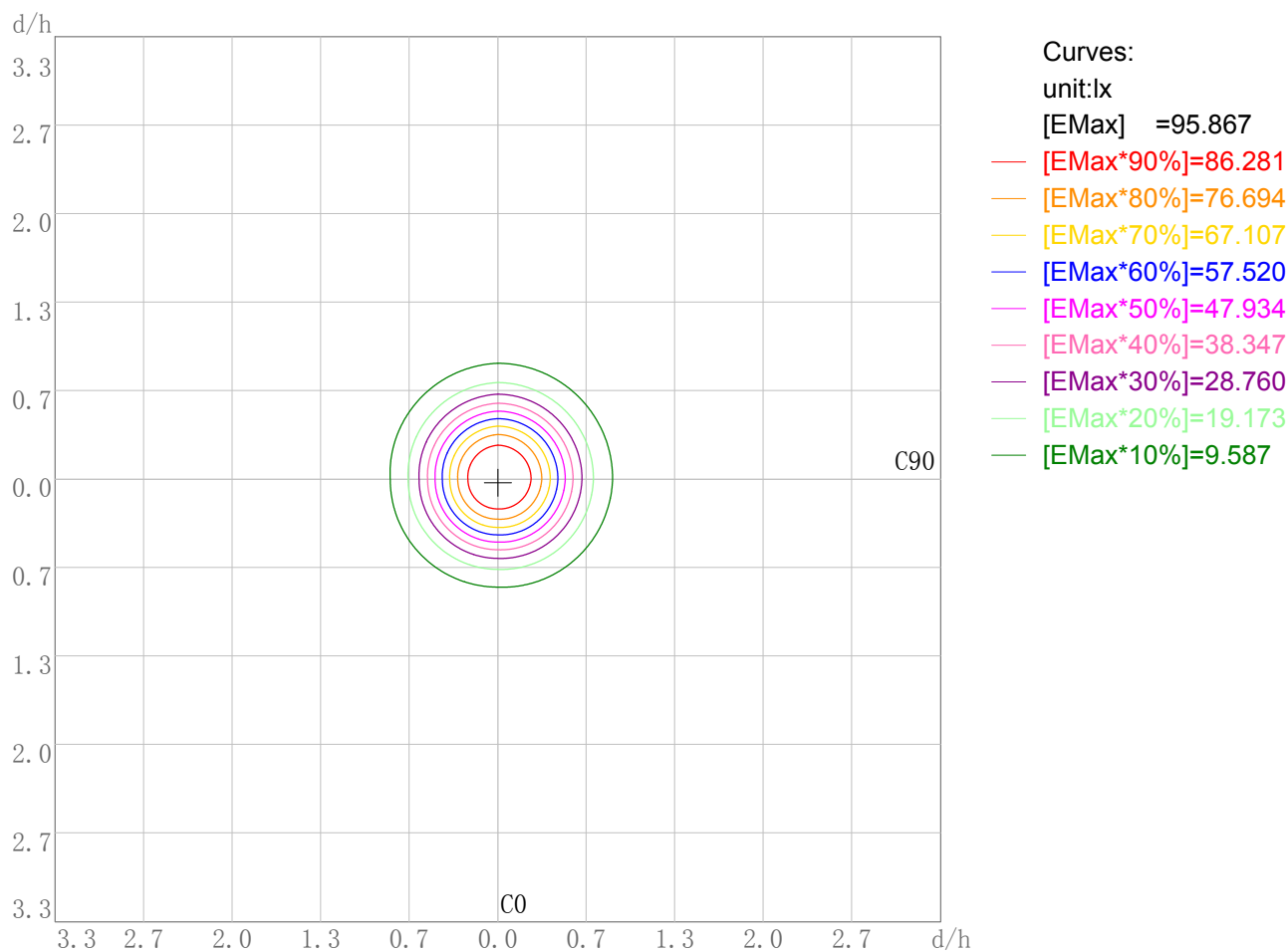
Lum. Name:MD10-13-SL-03 4000K RA97 60D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/01/03



## Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-SL-03 4000K RA97 60D	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: 2020/01/03

## Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

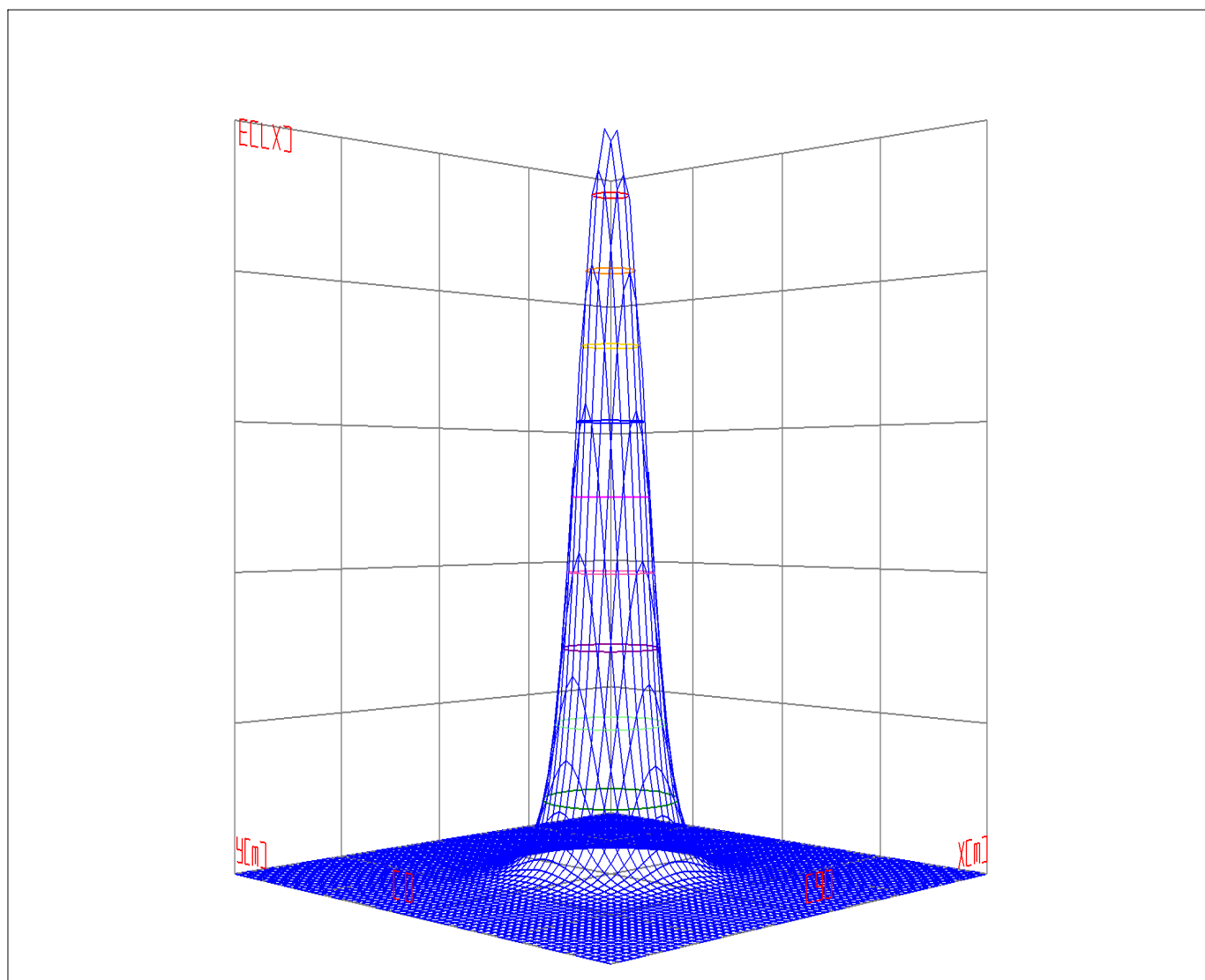
Working Plane Maximum Illuminance(lx): 95.87

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

### 3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-SL-03 4000K RA97 60D	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: 2020/01/03

### 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



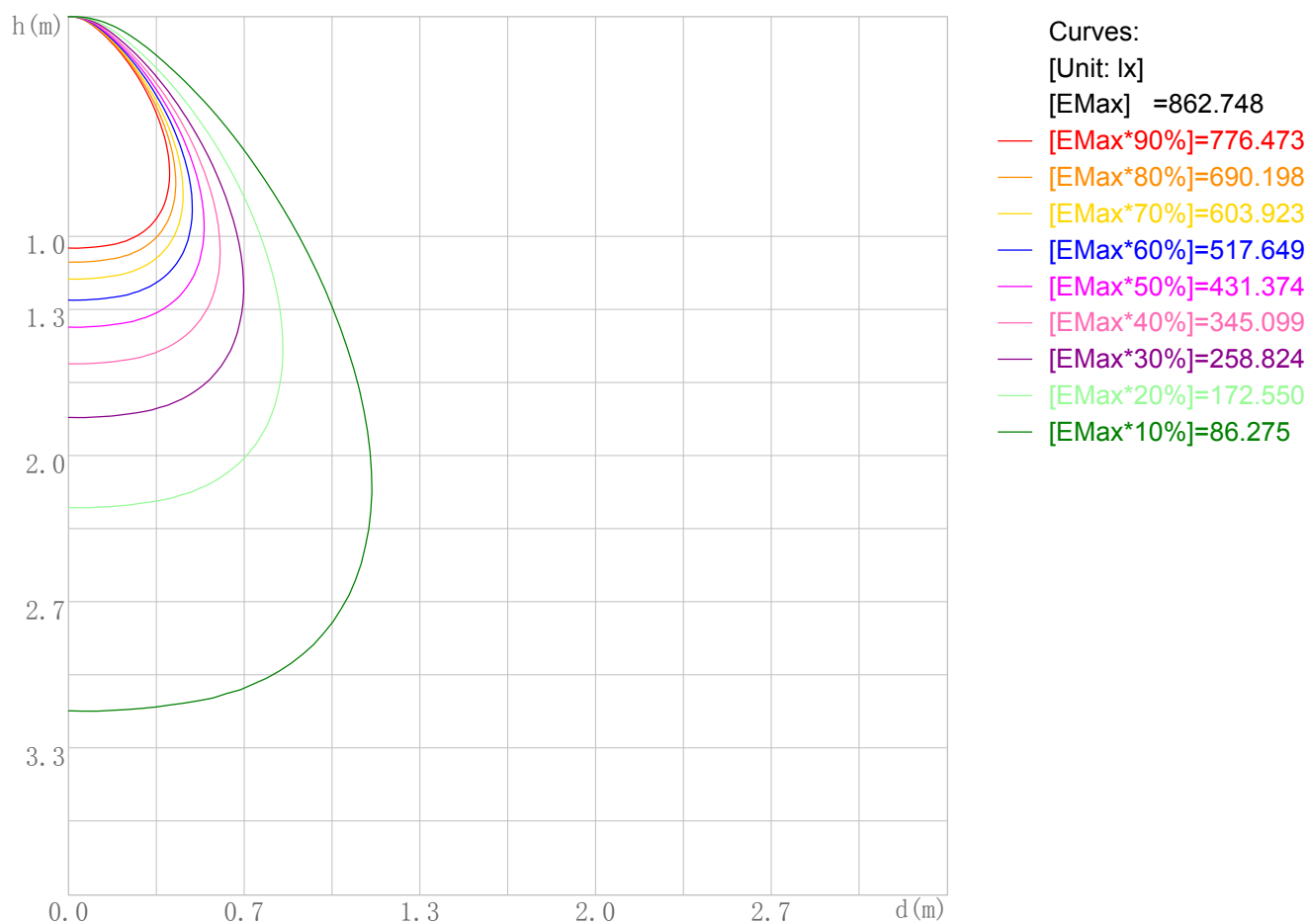
# IES Indoor Report

Photometric Filename:MD10-13-SL-03 4000K RA97 60D IES.IES

## Space ISO Illuminance Diagram

Lum. Name: MD10-13-SL-03 4000K RA97 60D	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: 2020/01/03

## Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:862.75lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:869.468cd,0deg

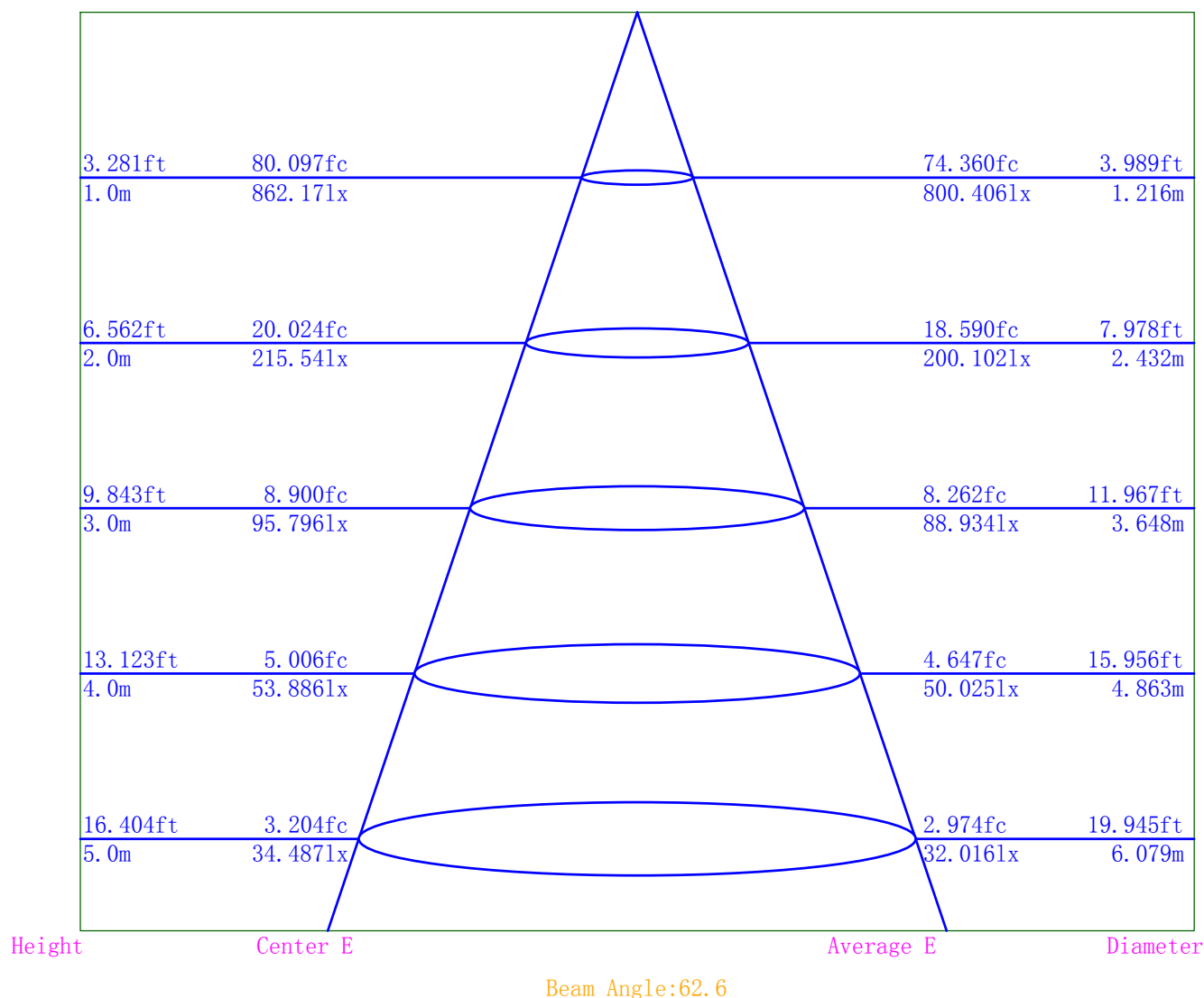
# IES Indoor Report

Photometric Filename:MD10-13-SL-03 4000K RA97 60D IES.IES

## Illuminance-Distance Diagram

Lum. Name: MD10-13-SL-03 4000K RA97 60D	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: 2020/01/03

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename:MD10-13-SL-03 4000K RA97 60D IES.IES

## Indoor Luminance Limiting Curves

Lum. Name: MD10-13-SL-03 4000K RA97 60D	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: 2020/01/03

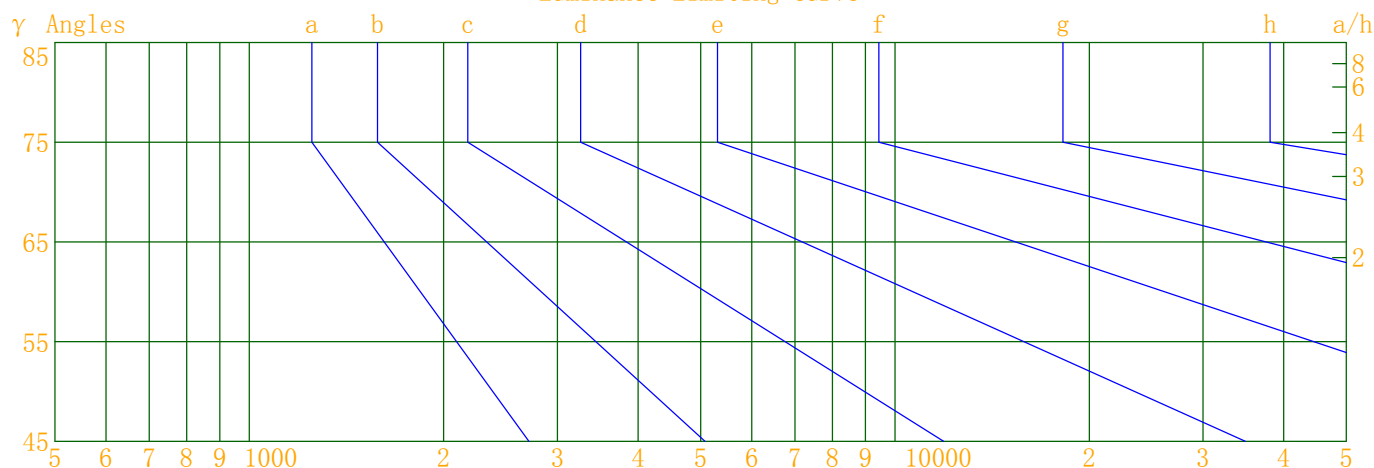
Glare Grade Table

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	337	222	150	109	88	79	77	84	118
C90	315	201	131	94	77	69	67	73	100

Luminance Limiting Curve



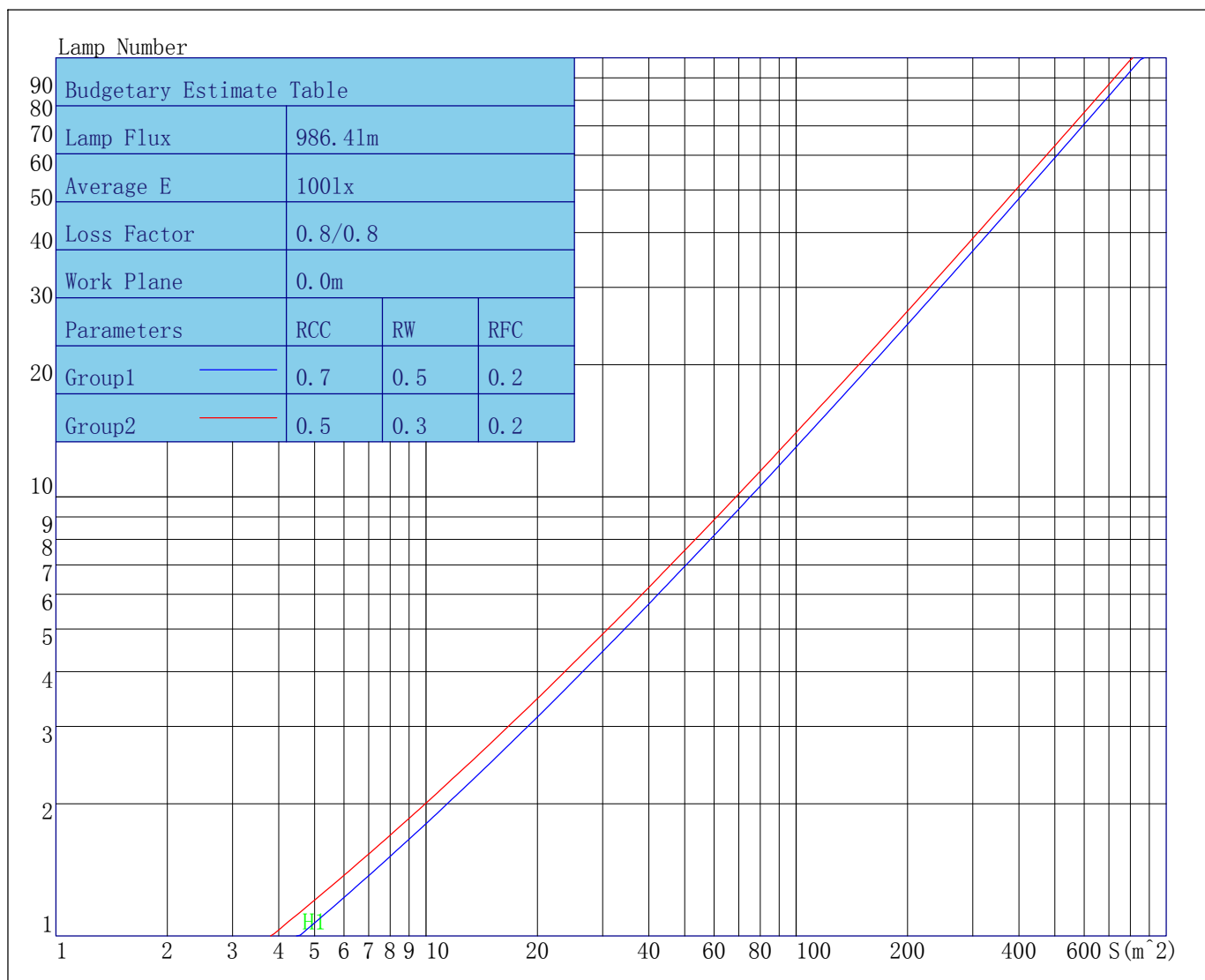
Luminous Size: Length(m)=0.498 Width(m)=0.498 Height(m)=0.650 Area(m^2)=0.571704  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:MD10-13-SL-03 4000K RA97 60D IES.IES

## Indoor Budgetary Estimate Table

Lum. Name: MD10-13-SL-03 4000K RA97 60D	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: 2020/01/03



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

# IES Indoor Report

Photometric Filename:MD10-13-SL-03 4000K RA97 60D IES.IES

## Indoor Coefficient of Utilization Table

Lum. Name: MD10-13-SL-03 4000K RA97 60D	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: 2020/01/03

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	110	110	110	104	104	104	100	100	100	97
1	112	109	106	103	109	106	104	101	102	100	98	98	96	94	94	92	91	89
2	105	100	95	91	103	98	94	90	94	91	88	91	88	86	88	85	83	82
3	99	92	87	82	97	91	85	81	87	83	80	85	81	78	82	79	76	75
4	94	85	79	74	92	84	78	74	81	76	73	79	75	71	77	73	70	69
5	88	79	73	68	86	78	72	67	76	71	67	74	69	66	72	68	65	63
6	83	74	67	62	82	73	67	62	71	65	61	69	64	61	68	63	60	59
7	79	69	62	58	77	68	62	57	66	61	57	65	60	56	64	59	56	54
8	75	64	58	53	73	64	58	53	62	57	53	61	56	52	60	55	52	51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	56	52	49	47
10	67	57	51	47	66	56	50	46	55	50	46	54	49	46	53	49	46	44

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, Y=2H to Y=12H) showing Unified Glare Rating values. Includes a section for Variations with the observer position at spacings and a Reduced UGR Table.

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	862.17	862.17	862.17	862.17
γ 1.0	863.14	859.99	862.07	859.26
γ 2.0	864.24	861.33	862.27	859.09
γ 3.0	864.40	862.06	861.09	859.37
γ 4.0	865.05	864.48	861.26	859.68
γ 5.0	866.15	864.32	860.89	859.23
γ 6.0	866.84	865.15	859.86	858.13
γ 7.0	866.84	864.96	858.01	858.92
γ 8.0	868.02	866.29	857.46	857.62
γ 9.0	868.79	864.44	854.45	855.30
γ 10.0	869.47	863.31	850.31	853.19
γ 11.0	866.47	862.26	846.24	848.35
γ 12.0	866.03	860.44	840.49	842.26
γ 13.0	860.88	854.73	831.45	834.82
γ 14.0	856.98	850.04	822.77	825.34
γ 15.0	850.29	841.81	810.38	813.60
γ 16.0	841.84	834.24	796.99	799.56
γ 17.0	831.74	822.10	781.56	784.41
γ 18.0	820.49	809.91	764.61	766.97
γ 19.0	805.17	794.55	745.14	747.23
γ 20.0	789.61	778.95	725.13	725.27
γ 21.0	770.14	760.13	701.95	702.68
γ 22.0	750.88	739.41	678.19	678.38
γ 23.0	727.32	716.95	651.57	651.23
γ 24.0	702.81	692.00	624.36	623.39
γ 25.0	674.88	663.13	593.37	593.24
γ 26.0	647.50	634.80	563.64	562.10
γ 27.0	617.41	603.72	531.42	529.11
γ 28.0	586.65	572.49	499.28	496.51
γ 29.0	553.52	539.23	466.03	462.95
γ 30.0	520.73	505.77	434.27	429.46
γ 31.0	487.74	472.02	401.11	396.56
γ 32.0	454.53	439.61	369.62	364.99
γ 33.0	421.99	406.05	338.46	334.13
γ 34.0	389.87	374.09	309.20	304.60
γ 35.0	358.05	342.50	281.04	277.23
γ 36.0	328.62	313.77	254.66	251.29
γ 37.0	299.99	286.39	229.82	226.95
γ 38.0	274.14	261.33	207.16	204.83
γ 39.0	249.46	237.60	186.13	184.62
γ 40.0	226.58	215.40	167.16	166.01
γ 41.0	205.06	194.63	149.99	149.06
γ 42.0	185.42	175.58	134.51	133.72
γ 43.0	167.32	157.93	120.14	119.73
γ 44.0	150.93	142.11	107.59	107.20
γ 45.0	136.05	127.29	96.27	96.06
γ 46.0	122.67	114.25	86.42	86.01

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	110.76	102.43	77.52	77.14
γ 48.0	99.98	91.74	69.70	69.14
γ 49.0	90.13	82.30	62.62	61.96
γ 50.0	81.54	73.87	56.42	55.55
γ 51.0	73.60	66.29	50.85	50.05
γ 52.0	66.50	59.36	45.96	45.21
γ 53.0	60.10	53.15	41.53	40.89
γ 54.0	54.35	47.79	37.60	37.12
γ 55.0	49.25	43.03	34.13	33.77
γ 56.0	44.76	38.88	31.08	30.90
γ 57.0	40.65	35.26	28.41	28.40
γ 58.0	37.09	32.11	26.11	26.21
γ 59.0	33.88	29.30	24.07	24.31
γ 60.0	31.10	26.93	22.29	22.66
γ 61.0	28.61	24.80	20.73	21.21
γ 62.0	26.45	22.96	19.33	19.87
γ 63.0	24.49	21.30	18.07	18.69
γ 64.0	22.78	19.86	16.95	17.65
γ 65.0	21.22	18.50	15.91	16.67
γ 66.0	19.83	17.32	15.00	15.79
γ 67.0	18.54	16.23	14.15	14.93
γ 68.0	17.39	15.24	13.36	14.16
γ 69.0	16.33	14.31	12.61	13.43
γ 70.0	15.35	13.45	11.93	12.73
γ 71.0	14.45	12.65	11.26	12.06
γ 72.0	13.60	11.90	10.64	11.45
γ 73.0	12.81	11.19	10.04	10.86
γ 74.0	12.06	10.53	9.47	10.28
γ 75.0	11.36	9.89	8.93	9.73
γ 76.0	10.71	9.30	8.41	9.21
γ 77.0	10.06	8.73	7.93	8.71
γ 78.0	9.47	8.20	7.46	8.23
γ 79.0	8.91	7.69	6.99	7.76
γ 80.0	8.36	7.20	6.55	7.30
γ 81.0	7.85	6.75	6.13	6.85
γ 82.0	7.34	6.30	5.70	6.40
γ 83.0	6.84	5.86	5.26	5.97
γ 84.0	6.34	5.40	4.89	5.58
γ 85.0	5.89	4.99	4.55	5.24
γ 86.0	5.48	4.62	4.26	4.94
γ 87.0	5.14	4.31	4.05	4.72
γ 88.0	4.86	4.04	3.90	4.56
γ 89.0	4.66	3.85	3.81	4.44
γ 90.0	4.51	3.75	3.73	4.35
γ 91.0	4.39	3.64	3.64	4.24
γ 92.0	4.29	3.56	3.57	4.14
γ 93.0	4.18	3.46	3.49	4.06



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	4.08	3.39	3.42	3.97
γ 95.0	3.98	3.32	3.36	3.89
γ 96.0	3.89	3.24	3.31	3.82
γ 97.0	3.81	3.17	3.25	3.74
γ 98.0	3.73	3.11	3.19	3.68
γ 99.0	3.65	3.06	3.15	3.62
γ 100.0	3.58	3.00	3.11	3.55
γ 101.0	3.52	2.95	3.08	3.51
γ 102.0	3.45	2.90	3.04	3.46
γ 103.0	3.40	2.87	3.02	3.41
γ 104.0	3.35	2.83	3.00	3.39
γ 105.0	3.31	2.80	2.98	3.35
γ 106.0	3.26	2.77	2.97	3.33
γ 107.0	3.22	2.75	2.96	3.31
γ 108.0	3.20	2.73	2.96	3.29
γ 109.0	3.17	2.71	2.96	3.29
γ 110.0	3.15	2.71	2.96	3.28
γ 111.0	3.13	2.70	2.96	3.28
γ 112.0	3.13	2.70	2.99	3.29
γ 113.0	3.12	2.71	3.02	3.30
γ 114.0	3.13	2.72	3.04	3.32
γ 115.0	3.14	2.74	3.08	3.34
γ 116.0	3.14	2.76	3.12	3.37
γ 117.0	3.16	2.79	3.15	3.40
γ 118.0	3.18	2.82	3.20	3.44
γ 119.0	3.21	2.86	3.26	3.48
γ 120.0	3.24	2.91	3.31	3.53
γ 121.0	3.28	2.96	3.37	3.57
γ 122.0	3.33	3.00	3.44	3.64
γ 123.0	3.37	3.06	3.50	3.69
γ 124.0	3.43	3.11	3.58	3.77
γ 125.0	3.48	3.18	3.65	3.82
γ 126.0	3.55	3.25	3.74	3.88
γ 127.0	3.62	3.33	3.81	3.96
γ 128.0	3.68	3.40	3.91	4.03
γ 129.0	3.74	3.48	3.99	4.12
γ 130.0	3.82	3.57	4.08	4.20
γ 131.0	3.90	3.65	4.17	4.28
γ 132.0	3.98	3.73	4.27	4.36
γ 133.0	4.06	3.82	4.35	4.45
γ 134.0	4.14	3.90	4.44	4.53
γ 135.0	4.24	4.00	4.54	4.63
γ 136.0	4.32	4.09	4.65	4.72
γ 137.0	4.41	4.18	4.74	4.80
γ 138.0	4.50	4.28	4.84	4.90
γ 139.0	4.60	4.37	4.94	4.99
γ 140.0	4.69	4.47	5.03	5.07

# IES Indoor Report

Photometric Filename:MD10-13-SL-03 4000K RA97 60D IES.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	4.77	4.57	5.13	5.16
γ 142.0	4.88	4.66	5.23	5.25
γ 143.0	4.97	4.76	5.32	5.34
γ 144.0	5.06	4.86	5.43	5.43
γ 145.0	5.17	4.96	5.52	5.52
γ 146.0	5.25	5.06	5.61	5.61
γ 147.0	5.35	5.15	5.71	5.68
γ 148.0	5.44	5.24	5.81	5.78
γ 149.0	5.53	5.34	5.89	5.85
γ 150.0	5.62	5.43	5.98	5.94
γ 151.0	5.71	5.52	6.06	6.02
γ 152.0	5.80	5.60	6.14	6.10
γ 153.0	5.89	5.70	6.22	6.16
γ 154.0	5.97	5.79	6.31	6.24
γ 155.0	6.06	5.89	6.38	6.30
γ 156.0	6.14	5.98	6.46	6.39
γ 157.0	6.23	6.05	6.53	6.45
γ 158.0	6.30	6.14	6.62	6.53
γ 159.0	6.37	6.22	6.68	6.60
γ 160.0	6.45	6.30	6.77	6.66
γ 161.0	6.53	6.39	6.83	6.73
γ 162.0	6.60	6.46	6.92	6.80
γ 163.0	6.69	6.56	6.98	6.86
γ 164.0	6.76	6.63	7.05	6.94
γ 165.0	6.85	6.71	7.11	7.02
γ 166.0	6.92	6.78	7.18	7.08
γ 167.0	7.02	6.86	7.24	7.14
γ 168.0	7.09	6.94	7.29	7.20
γ 169.0	7.16	7.01	7.35	7.25
γ 170.0	7.23	7.07	7.43	7.30
γ 171.0	7.30	7.12	7.46	7.35
γ 172.0	7.36	7.18	7.53	7.41
γ 173.0	7.42	7.24	7.56	7.44
γ 174.0	7.46	7.30	7.59	7.48
γ 175.0	7.53	7.35	7.63	7.51
γ 176.0	7.58	7.41	7.66	7.54
γ 177.0	7.63	7.44	7.68	7.56
γ 178.0	7.65	7.49	7.70	7.59
γ 179.0	7.69	7.51	7.70	7.57
γ 180.0	7.65	7.65	7.65	7.65