

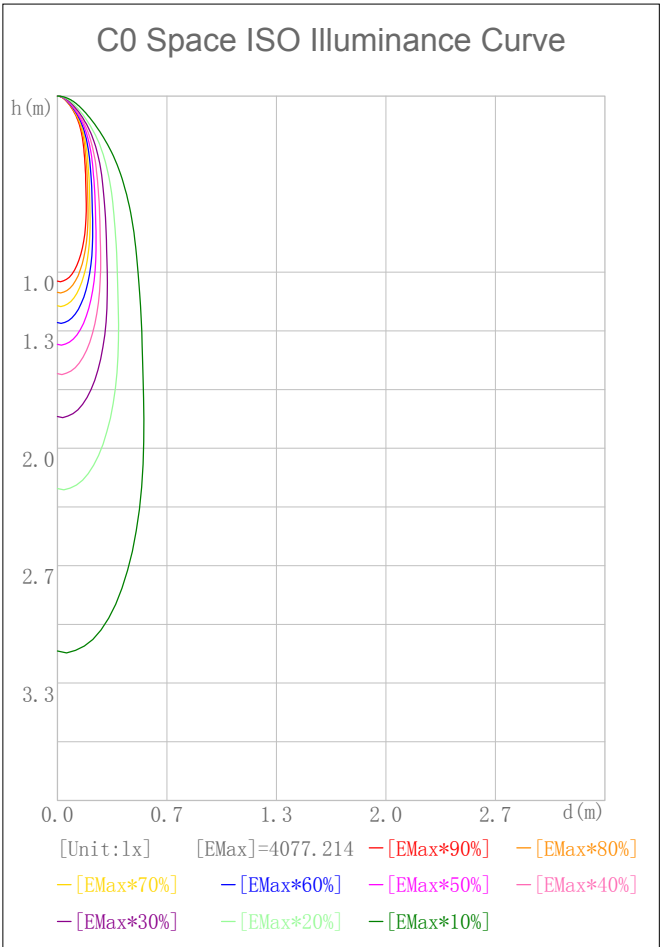
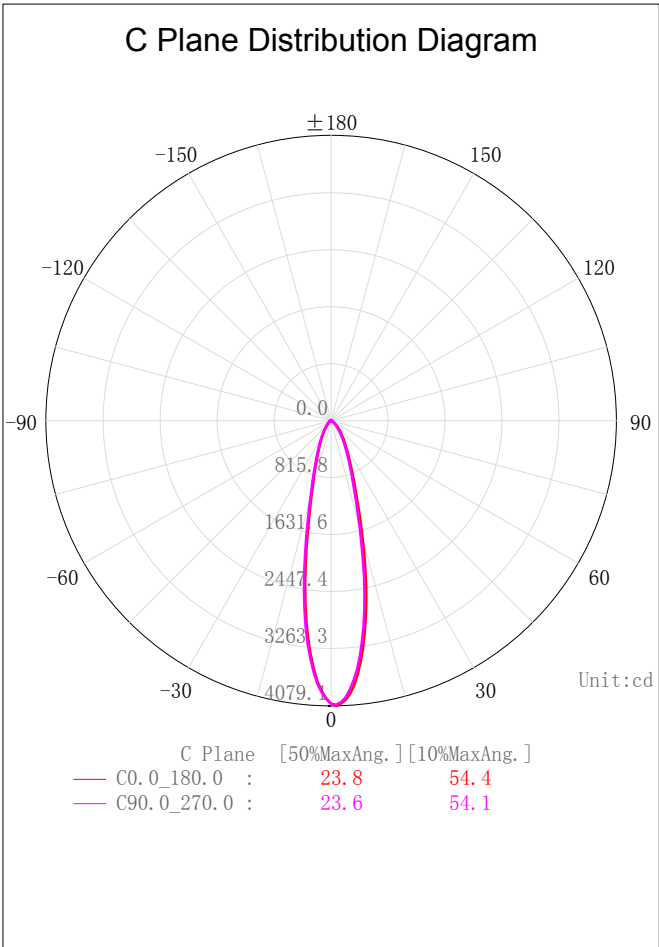
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-XX-03 4000K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/12/23
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*0.650m	Lum. Area (m2): 0.035	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): 1216.140	Luminary Flux(lm): 1216.139	Field Angle(10%Imax): 54.4(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1207.820lm 99.32%
Rated Voltage(V):	Luminary EER(lm/W): 98.076	Up Lumens&Percent: 8.319lm 0.68%
Tested Power(W): 12.400	Max. Candela(cd): 4079.078	S/MH: C0_a180=0.405 C90_270=0.401
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf): 240.5, 0.054	Beam Angle(50%Imax): 23.8(°)	ErP Φ use(90°): 1096.320lm
Lamp Size(W*L*H): 0.050m*0.050m*0.650m	Left=-10.2°, Right=13.6°	IRF(%): 671.041



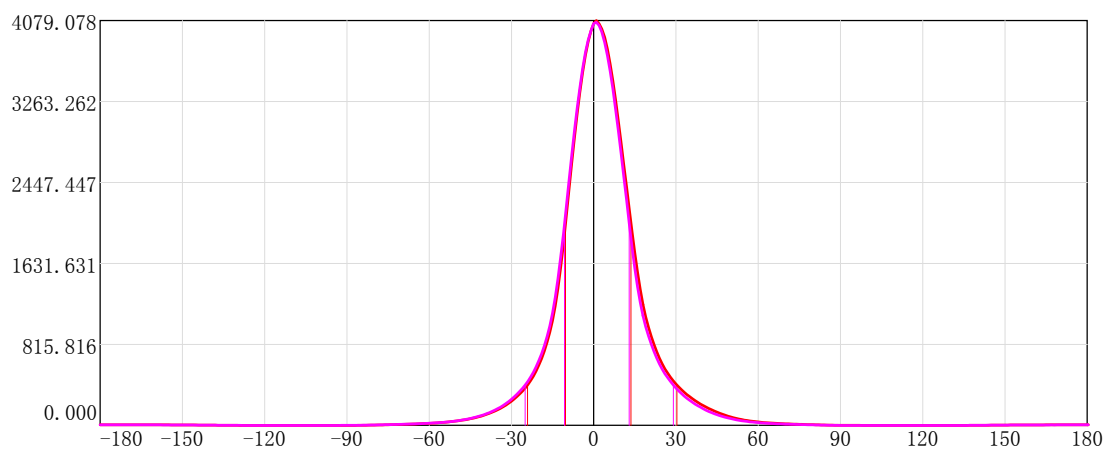
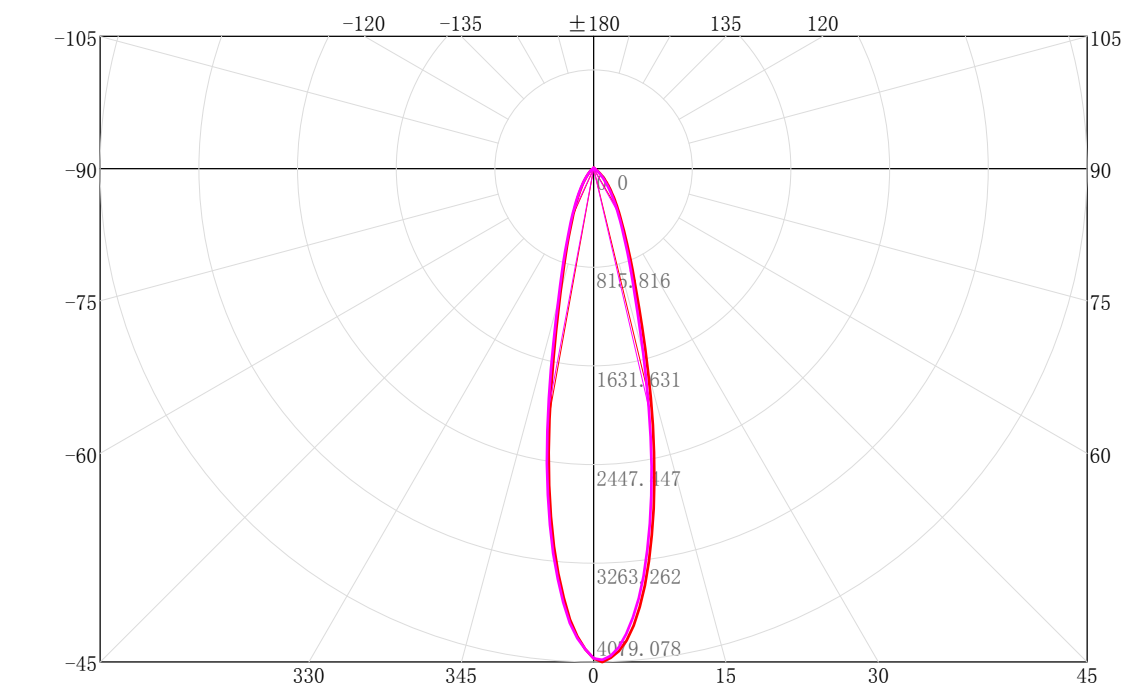
IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 24D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-XX-03 4000K RA90 24D	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: 2019/12/23

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
— C0.0_180.0 : 23.8 54.4
— C90.0_270.0 : 23.6 54.1

Unit:cd

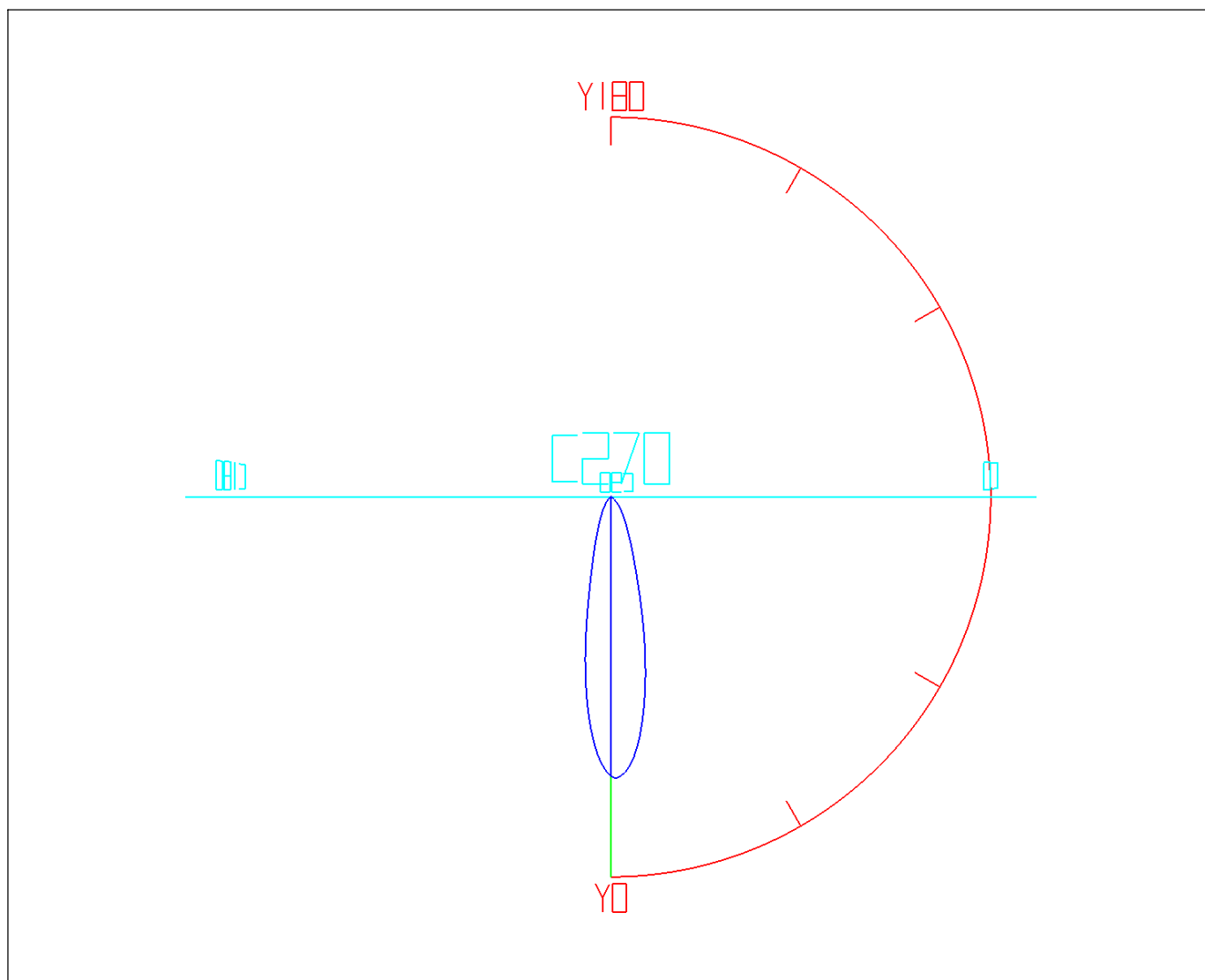
IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 24D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-XX-03 4000K RA90 24D	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: 2019/12/23

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	3.86	3.86	0.32	0.32	47.0-48.0	6.17	1128.89	0.51	92.83
1.0-2.0	11.45	15.31	0.94	1.26	48.0-49.0	5.73	1134.62	0.47	93.30
2.0-3.0	18.70	34.02	1.54	2.80	49.0-50.0	5.33	1139.95	0.44	93.74
3.0-4.0	25.41	59.43	2.09	4.89	50.0-51.0	4.95	1144.90	0.41	94.14
4.0-5.0	31.40	90.83	2.58	7.47	51.0-52.0	4.60	1149.50	0.38	94.52
5.0-6.0	36.56	127.39	3.01	10.48	52.0-53.0	4.28	1153.78	0.35	94.87
6.0-7.0	40.78	168.17	3.35	13.83	53.0-54.0	3.98	1157.77	0.33	95.20
7.0-8.0	43.94	212.11	3.61	17.44	54.0-55.0	3.71	1161.47	0.30	95.50
8.0-9.0	46.01	258.12	3.78	21.22	55.0-56.0	3.45	1164.93	0.28	95.79
9.0-10.0	47.03	305.15	3.87	25.09	56.0-57.0	3.22	1168.14	0.26	96.05
10.0-11.0	47.01	352.16	3.87	28.96	57.0-58.0	3.00	1171.15	0.25	96.30
11.0-12.0	46.10	398.26	3.79	32.75	58.0-59.0	2.80	1173.95	0.23	96.53
12.0-13.0	44.54	442.80	3.66	36.41	59.0-60.0	2.62	1176.57	0.22	96.75
13.0-14.0	42.53	485.33	3.50	39.91	60.0-61.0	2.46	1179.03	0.20	96.95
14.0-15.0	40.31	525.64	3.31	43.22	61.0-62.0	2.30	1181.33	0.19	97.14
15.0-16.0	38.07	563.72	3.13	46.35	62.0-63.0	2.16	1183.49	0.18	97.32
16.0-17.0	35.92	599.64	2.95	49.31	63.0-64.0	2.03	1185.52	0.17	97.48
17.0-18.0	33.89	633.53	2.79	52.09	64.0-65.0	1.91	1187.43	0.16	97.64
18.0-19.0	32.03	665.56	2.63	54.73	65.0-66.0	1.80	1189.23	0.15	97.79
19.0-20.0	30.33	695.89	2.49	57.22	66.0-67.0	1.69	1190.91	0.14	97.93
20.0-21.0	28.77	724.67	2.37	59.59	67.0-68.0	1.58	1192.50	0.13	98.06
21.0-22.0	27.32	751.98	2.25	61.83	68.0-69.0	1.49	1193.98	0.12	98.18
22.0-23.0	25.95	777.93	2.13	63.97	69.0-70.0	1.40	1195.38	0.11	98.29
23.0-24.0	24.65	802.58	2.03	65.99	70.0-71.0	1.31	1196.68	0.11	98.40
24.0-25.0	23.43	826.01	1.93	67.92	71.0-72.0	1.22	1197.90	0.10	98.50
25.0-26.0	22.29	848.30	1.83	69.75	72.0-73.0	1.13	1199.04	0.09	98.59
26.0-27.0	21.22	869.52	1.74	71.50	73.0-74.0	1.06	1200.09	0.09	98.68
27.0-28.0	20.21	889.74	1.66	73.16	74.0-75.0	0.98	1201.07	0.08	98.76
28.0-29.0	19.26	908.99	1.58	74.74	75.0-76.0	0.91	1201.98	0.07	98.84
29.0-30.0	18.32	927.31	1.51	76.25	76.0-77.0	0.83	1202.81	0.07	98.90
30.0-31.0	17.42	944.73	1.43	77.68	77.0-78.0	0.76	1203.57	0.06	98.97
31.0-32.0	16.55	961.28	1.36	79.04	78.0-79.0	0.69	1204.26	0.06	99.02
32.0-33.0	15.71	976.99	1.29	80.34	79.0-80.0	0.62	1204.88	0.05	99.07
33.0-34.0	14.87	991.86	1.22	81.56	80.0-81.0	0.55	1205.43	0.05	99.12
34.0-35.0	14.07	1005.93	1.16	82.72	81.0-82.0	0.48	1205.91	0.04	99.16
35.0-36.0	13.31	1019.24	1.09	83.81	82.0-83.0	0.41	1206.32	0.03	99.19
36.0-37.0	12.57	1031.81	1.03	84.84	83.0-84.0	0.35	1206.67	0.03	99.22
37.0-38.0	11.85	1043.66	0.97	85.82	84.0-85.0	0.29	1206.97	0.02	99.25
38.0-39.0	11.18	1054.85	0.92	86.74	85.0-86.0	0.24	1207.21	0.02	99.27
39.0-40.0	10.53	1065.37	0.87	87.60	86.0-87.0	0.20	1207.40	0.02	99.28
40.0-41.0	9.88	1075.26	0.81	88.42	87.0-88.0	0.16	1207.56	0.01	99.29
41.0-42.0	9.28	1084.54	0.76	89.18	88.0-89.0	0.14	1207.70	0.01	99.31
42.0-43.0	8.70	1093.24	0.72	89.89	89.0-90.0	0.12	1207.82	0.01	99.32
43.0-44.0	8.15	1101.39	0.67	90.56	90.0-91.0	0.10	1207.92	0.01	99.32
44.0-45.0	7.61	1109.00	0.63	91.19	91.0-92.0	0.09	1208.01	0.01	99.33
45.0-46.0	7.10	1116.11	0.58	91.77	92.0-93.0	0.08	1208.09	0.01	99.34
46.0-47.0	6.62	1122.72	0.54	92.32	93.0-94.0	0.07	1208.16	0.01	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	0.06	1208.21	0.00	99.35	141.0-142.0	0.18	1209.88	0.01	99.49
95.0-96.0	0.04	1208.26	0.00	99.35	142.0-143.0	0.18	1210.07	0.02	99.50
96.0-97.0	0.04	1208.30	0.00	99.36	143.0-144.0	0.20	1210.26	0.02	99.52
97.0-98.0	0.03	1208.33	0.00	99.36	144.0-145.0	0.21	1210.47	0.02	99.53
98.0-99.0	0.03	1208.35	0.00	99.36	145.0-146.0	0.22	1210.68	0.02	99.55
99.0-100.0	0.02	1208.38	0.00	99.36	146.0-147.0	0.22	1210.91	0.02	99.57
100.0-101.0	0.02	1208.39	0.00	99.36	147.0-148.0	0.23	1211.14	0.02	99.59
101.0-102.0	0.01	1208.41	0.00	99.36	148.0-149.0	0.23	1211.37	0.02	99.61
102.0-103.0	0.01	1208.42	0.00	99.36	149.0-150.0	0.24	1211.61	0.02	99.63
103.0-104.0	0.01	1208.42	0.00	99.37	150.0-151.0	0.24	1211.85	0.02	99.65
104.0-105.0	0.00	1208.43	0.00	99.37	151.0-152.0	0.24	1212.09	0.02	99.67
105.0-106.0	0.00	1208.43	0.00	99.37	152.0-153.0	0.24	1212.33	0.02	99.69
106.0-107.0	0.00	1208.43	0.00	99.37	153.0-154.0	0.24	1212.57	0.02	99.71
107.0-108.0	0.00	1208.43	0.00	99.37	154.0-155.0	0.24	1212.81	0.02	99.73
108.0-109.0	0.00	1208.43	0.00	99.37	155.0-156.0	0.24	1213.05	0.02	99.75
109.0-110.0	0.00	1208.43	0.00	99.37	156.0-157.0	0.23	1213.28	0.02	99.76
110.0-111.0	0.00	1208.43	0.00	99.37	157.0-158.0	0.23	1213.50	0.02	99.78
111.0-112.0	0.00	1208.43	0.00	99.37	158.0-159.0	0.22	1213.72	0.02	99.80
112.0-113.0	0.00	1208.43	0.00	99.37	159.0-160.0	0.21	1213.93	0.02	99.82
113.0-114.0	0.00	1208.43	0.00	99.37	160.0-161.0	0.21	1214.14	0.02	99.84
114.0-115.0	0.00	1208.43	0.00	99.37	161.0-162.0	0.20	1214.34	0.02	99.85
115.0-116.0	0.00	1208.43	0.00	99.37	162.0-163.0	0.19	1214.53	0.02	99.87
116.0-117.0	0.00	1208.43	0.00	99.37	163.0-164.0	0.18	1214.70	0.01	99.88
117.0-118.0	0.00	1208.43	0.00	99.37	164.0-165.0	0.17	1214.88	0.01	99.90
118.0-119.0	0.00	1208.43	0.00	99.37	165.0-166.0	0.16	1215.04	0.01	99.91
119.0-120.0	0.00	1208.44	0.00	99.37	166.0-167.0	0.15	1215.19	0.01	99.92
120.0-121.0	0.00	1208.44	0.00	99.37	167.0-168.0	0.14	1215.33	0.01	99.93
121.0-122.0	0.00	1208.44	0.00	99.37	168.0-169.0	0.13	1215.46	0.01	99.94
122.0-123.0	0.01	1208.45	0.00	99.37	169.0-170.0	0.12	1215.57	0.01	99.95
123.0-124.0	0.01	1208.46	0.00	99.37	170.0-171.0	0.11	1215.68	0.01	99.96
124.0-125.0	0.01	1208.47	0.00	99.37	171.0-172.0	0.10	1215.78	0.01	99.97
125.0-126.0	0.02	1208.49	0.00	99.37	172.0-173.0	0.08	1215.86	0.01	99.98
126.0-127.0	0.02	1208.51	0.00	99.37	173.0-174.0	0.07	1215.94	0.01	99.98
127.0-128.0	0.03	1208.53	0.00	99.37	174.0-175.0	0.06	1216.00	0.01	99.99
128.0-129.0	0.03	1208.57	0.00	99.38	175.0-176.0	0.05	1216.05	0.00	99.99
129.0-130.0	0.04	1208.60	0.00	99.38	176.0-177.0	0.04	1216.09	0.00	100.00
130.0-131.0	0.04	1208.64	0.00	99.38	177.0-178.0	0.03	1216.12	0.00	100.00
131.0-132.0	0.05	1208.70	0.00	99.39	178.0-179.0	0.02	1216.13	0.00	100.00
132.0-133.0	0.06	1208.76	0.01	99.39	179.0-180.0	0.01	1216.14	0.00	100.00
133.0-134.0	0.08	1208.83	0.01	99.40					
134.0-135.0	0.09	1208.92	0.01	99.41					
135.0-136.0	0.10	1209.02	0.01	99.41					
136.0-137.0	0.11	1209.13	0.01	99.42					
137.0-138.0	0.12	1209.25	0.01	99.43					
138.0-139.0	0.14	1209.39	0.01	99.45					
139.0-140.0	0.15	1209.54	0.01	99.46					
140.0-141.0	0.16	1209.71	0.01	99.47					

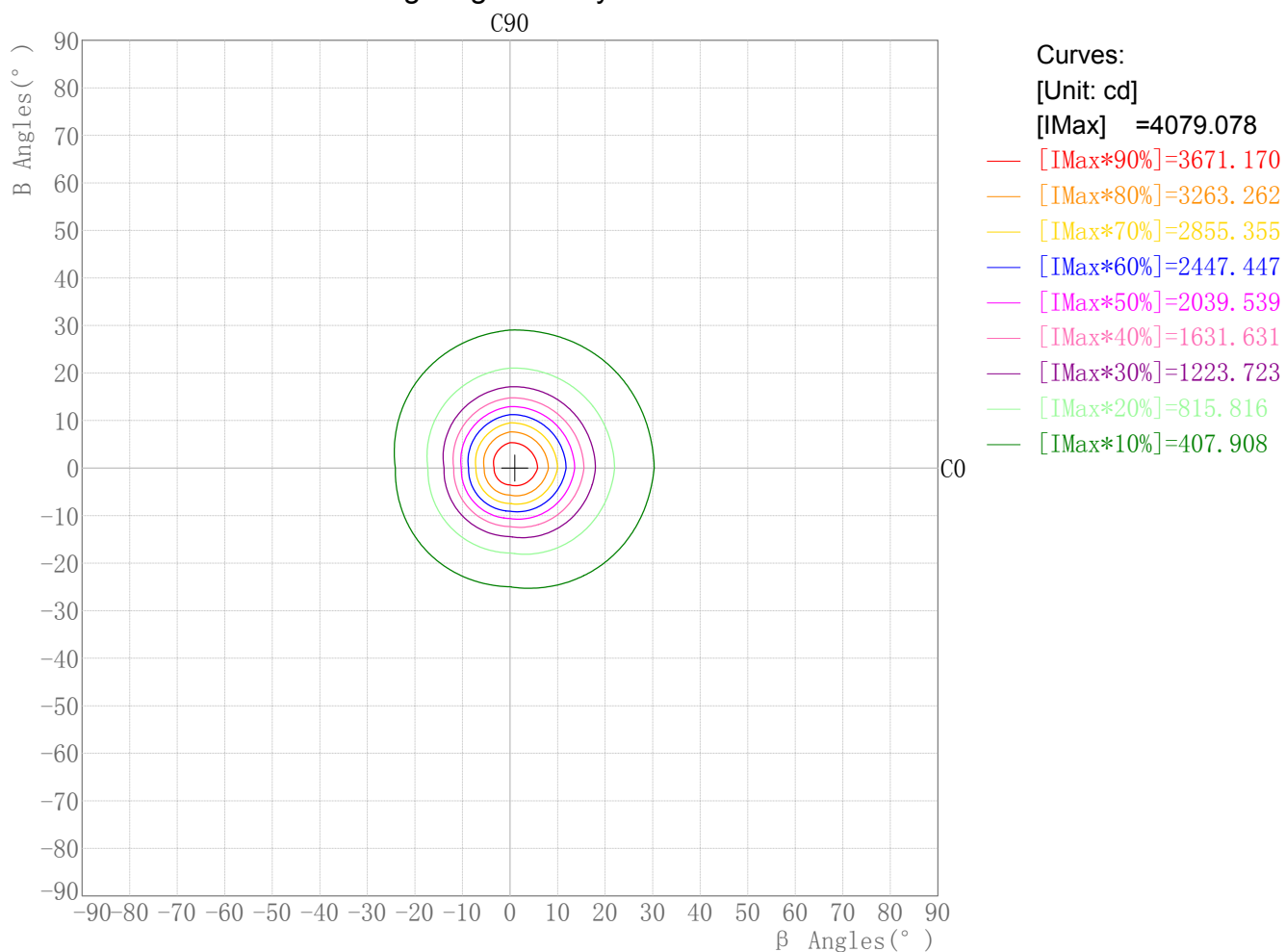
IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 24D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-13-XX-03 4000K RA90 24D	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: 2019/12/23

ISO Lighting Intensity Curve



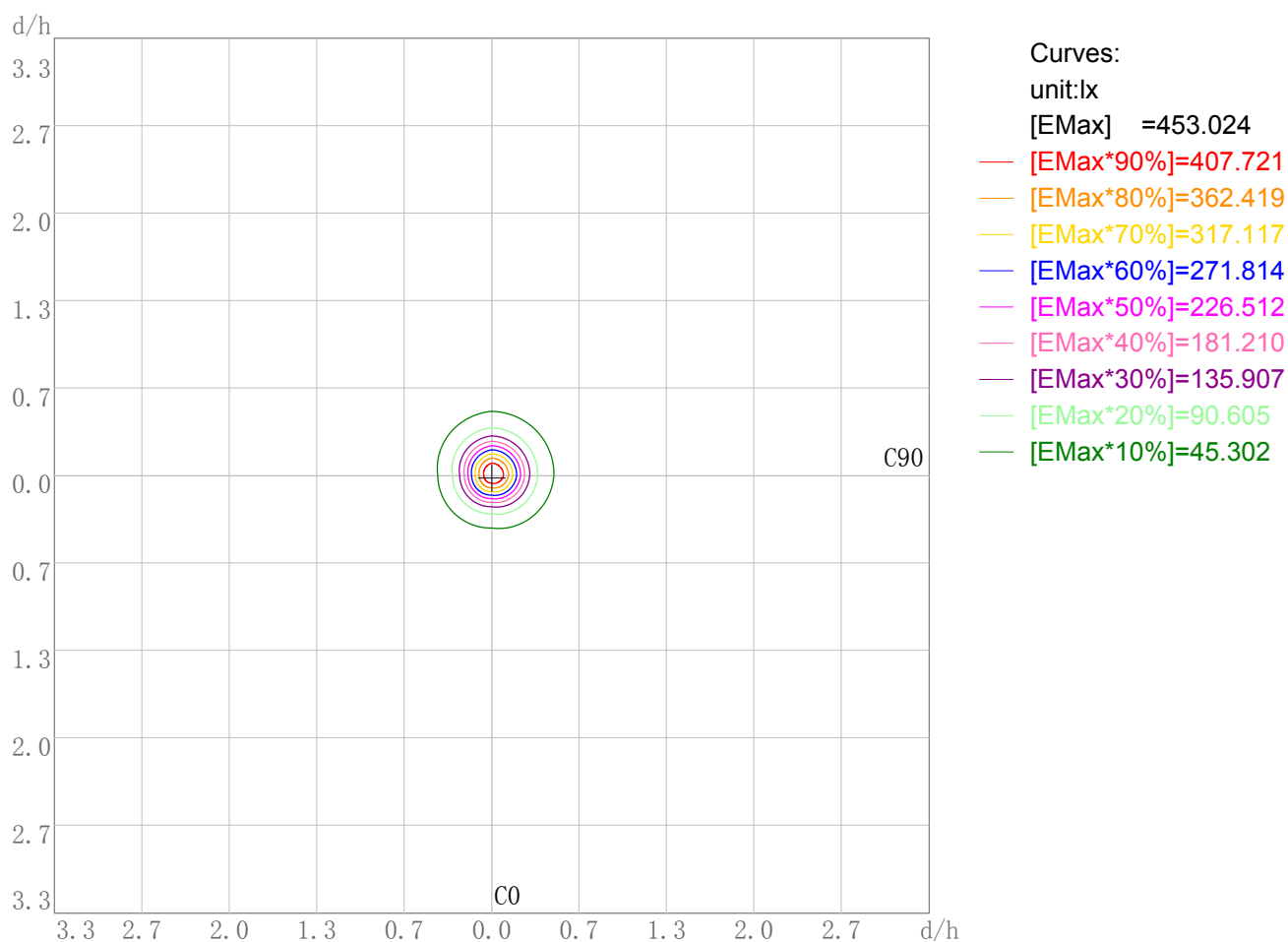
IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 24D.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-XX-03 4000K RA90 24D	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: 2019/12/23

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 453.02

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

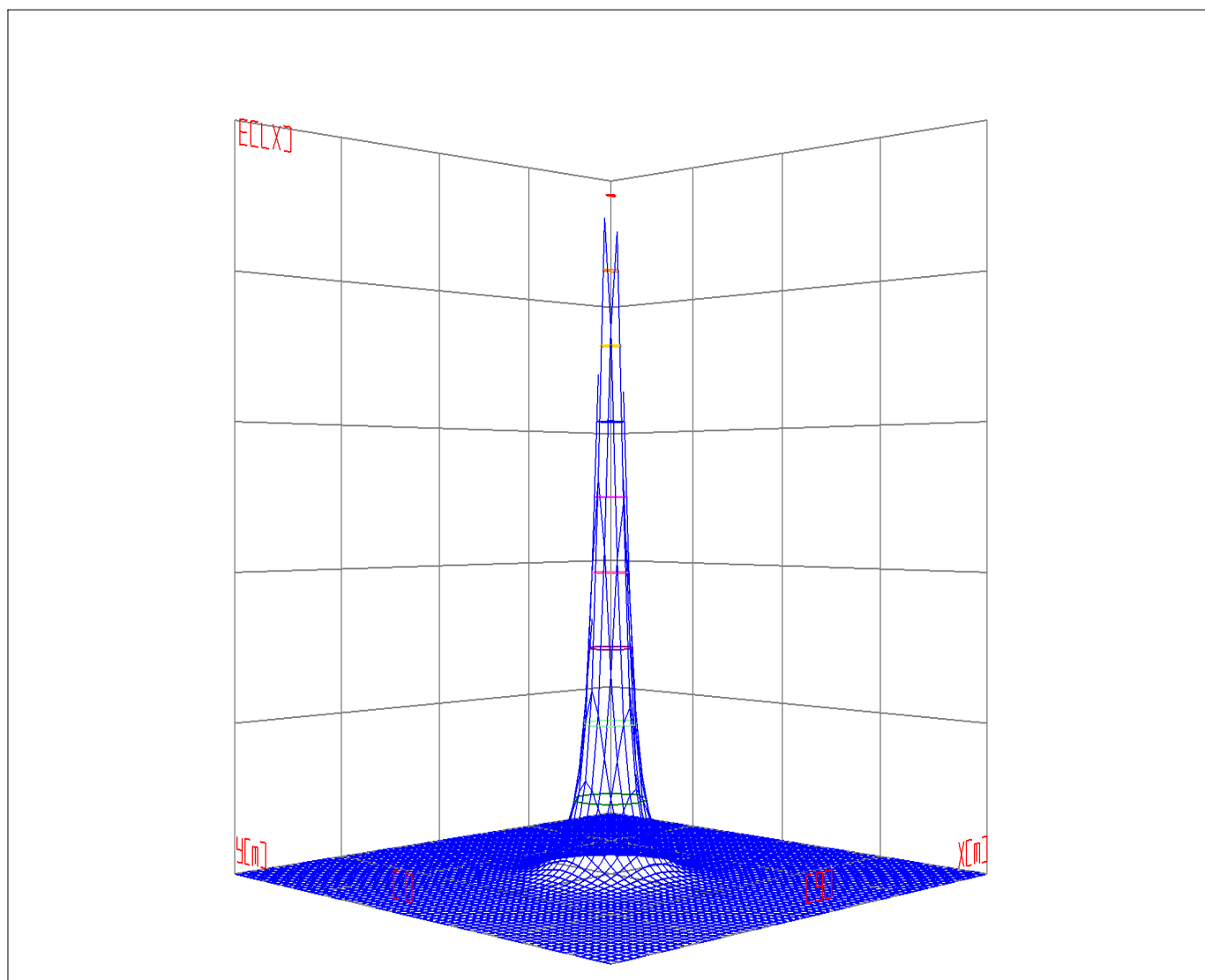
IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 24D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-XX-03 4000K RA90 24D	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: 2019/12/23

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

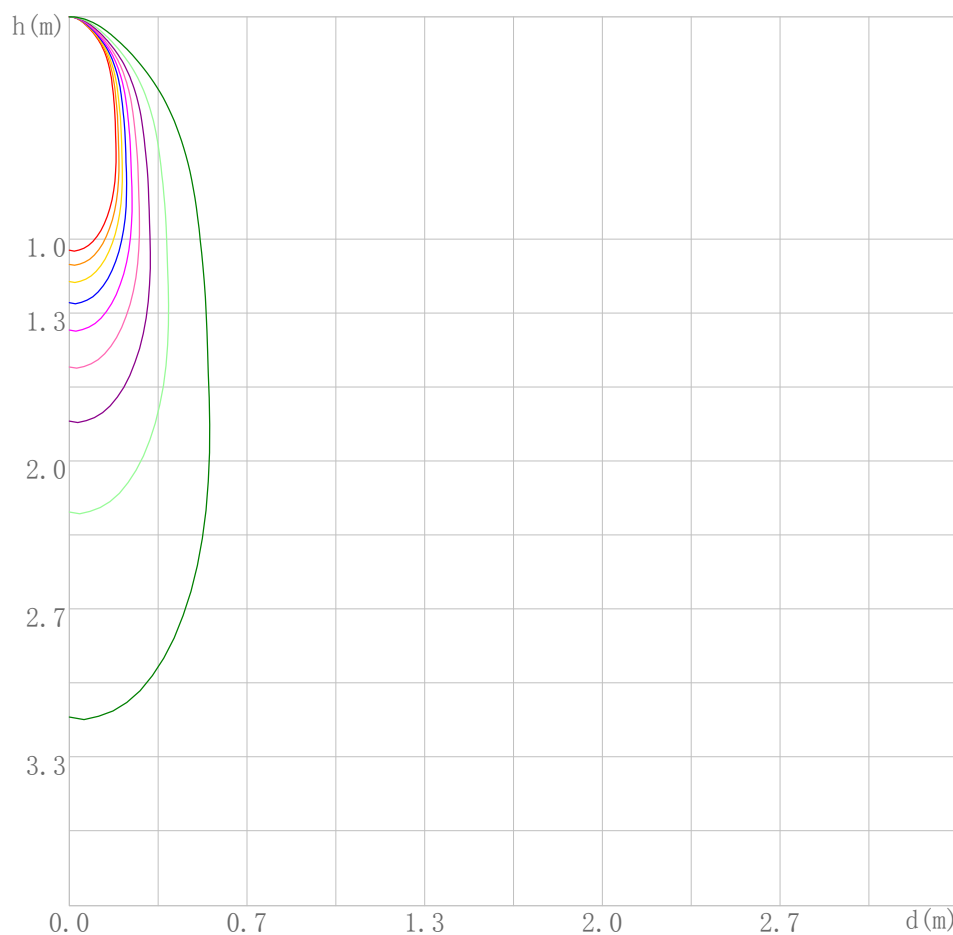
IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 24D.IES

Space ISO Illuminance Diagram

Lum. Name: MD10-13-XX-03 4000K RA90 24D	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: 2019/12/23

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =4077.214

— [EMax*90%]=3669.493

— [EMax*80%]=3261.771

— [EMax*70%]=2854.050

— [EMax*60%]=2446.329

— [EMax*50%]=2038.607

— [EMax*40%]=1630.886

— [EMax*30%]=1223.164

— [EMax*20%]=815.443

— [EMax*10%]=407.721

Space Plane Maximum Illuminance and @Angle:4077.21lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:4079.078cd,0deg

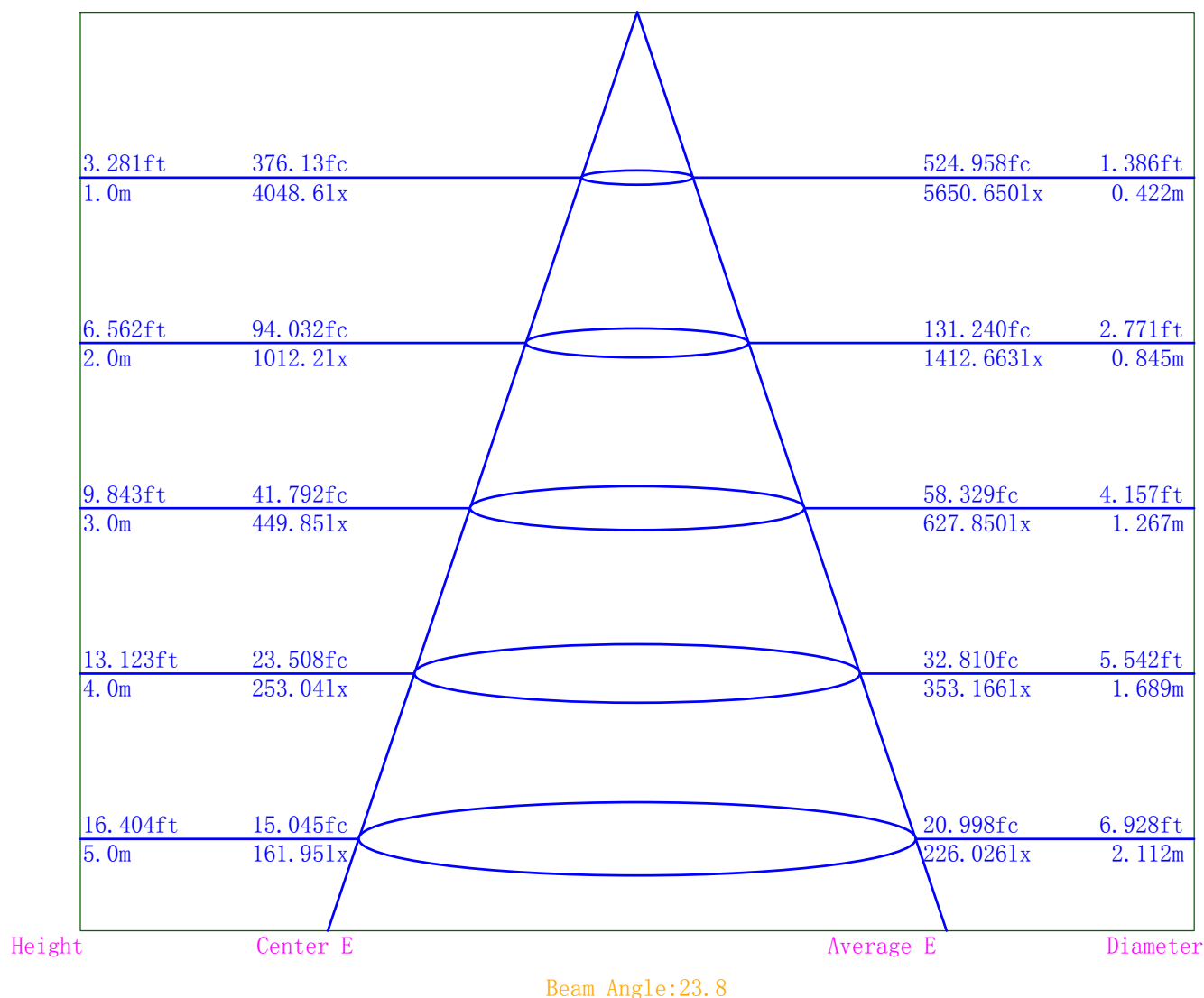
IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 24D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-13-XX-03 4000K RA90 24D	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: 2019/12/23

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name: MD10-13-XX-03 4000K RA90 24D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: QQualty peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/23

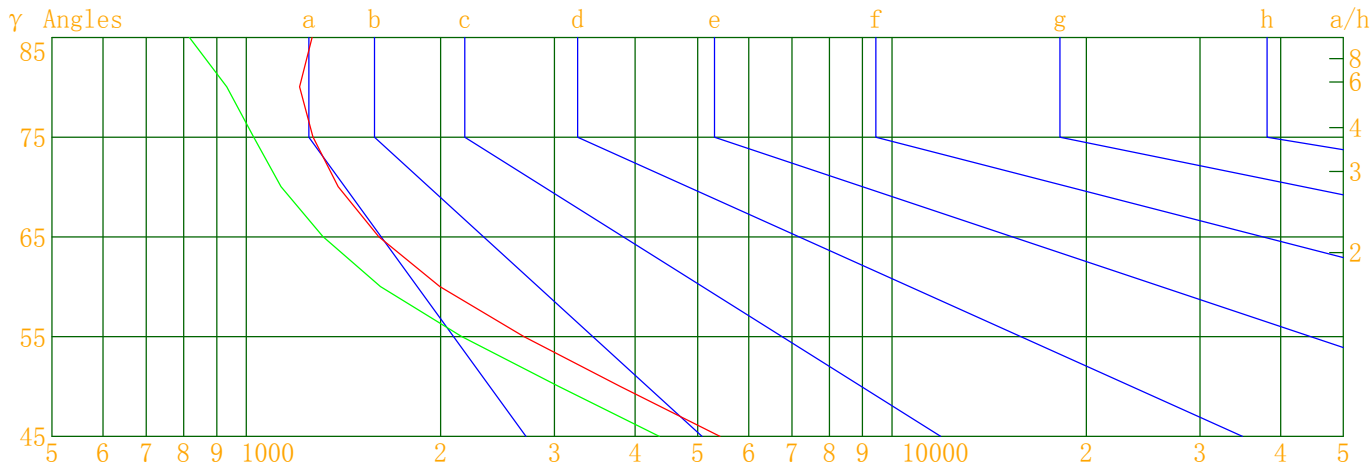
Glare Grade Table

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	5415	3794	2689	1993	1603	1387	1268	1209	1264
C90	4361	3048	2155	1613	1314	1132	1026	933	817

Luminance Limiting Curve



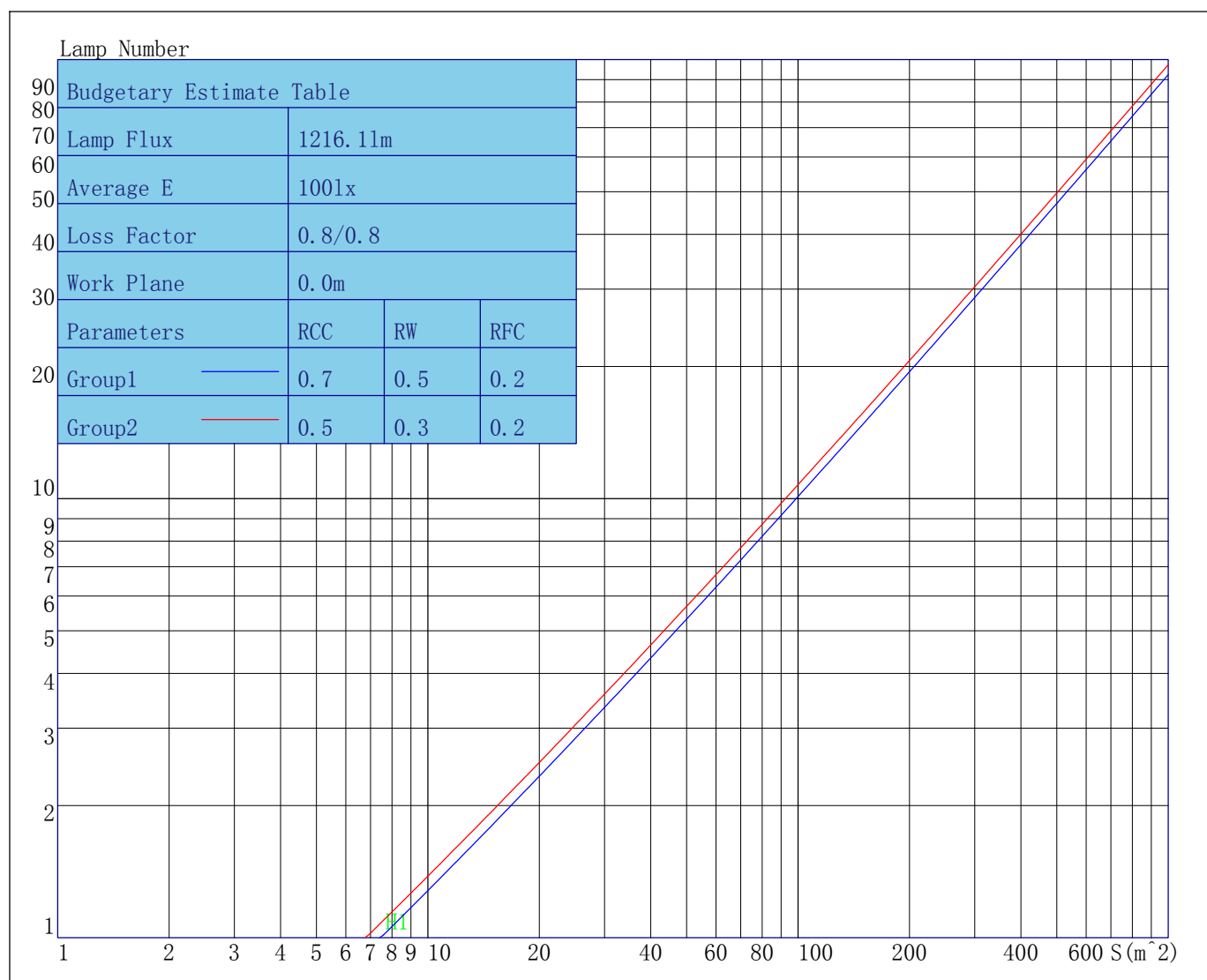
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.650 Area(m^2)=0.035000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 24D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-XX-03 4000K RA90 24D	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: 2019/12/23



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

Lum. Name: MD10-13-XX-03 4000K RA90 24D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: QQualty peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/23

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	114	111	108	106	111	109	107	105	105	103	101	101	99	98	97	96	95	93
2	108	104	100	97	106	102	99	96	99	96	93	96	93	91	93	91	89	88
3	104	98	93	89	102	96	92	88	93	90	87	91	88	86	89	86	84	83
4	99	92	87	83	97	91	86	83	89	85	82	87	83	81	85	82	80	78
5	95	87	82	78	93	86	81	78	84	80	77	83	79	76	81	78	75	74
6	91	83	78	74	90	82	77	73	81	76	73	79	75	72	78	75	72	71
7	87	79	74	70	86	78	73	70	77	73	69	76	72	69	75	71	69	67
8	84	76	70	67	83	75	70	67	74	70	66	73	69	66	72	68	66	64
9	81	73	67	64	80	72	67	64	71	67	64	70	66	63	69	66	63	62
10	78	70	65	61	77	69	64	61	69	64	61	68	64	61	67	63	61	59

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 dimensions and UGR values. Includes sections for variations with observer position and 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	4048.65	4048.65	4048.65	4048.65
γ 1.0	4079.08	4061.65	3973.38	3974.39
γ 2.0	4046.48	4029.31	3867.77	3884.42
γ 3.0	3993.40	3963.36	3732.13	3760.99
γ 4.0	3909.59	3856.72	3555.15	3594.40
γ 5.0	3792.44	3726.09	3358.88	3404.31
γ 6.0	3642.40	3570.38	3139.04	3197.17
γ 7.0	3472.80	3392.36	2896.51	2967.89
γ 8.0	3280.34	3184.25	2642.19	2721.80
γ 9.0	3069.58	2970.74	2375.32	2465.75
γ 10.0	2854.22	2745.55	2105.45	2200.26
γ 11.0	2627.98	2508.37	1837.44	1938.14
γ 12.0	2400.26	2267.23	1592.00	1697.61
γ 13.0	2173.89	2023.58	1379.31	1478.78
γ 14.0	1950.41	1792.90	1202.04	1289.75
γ 15.0	1739.98	1582.76	1056.62	1131.27
γ 16.0	1545.73	1398.09	937.72	1001.65
γ 17.0	1371.63	1239.07	838.53	894.43
γ 18.0	1219.27	1106.49	750.46	803.08
γ 19.0	1094.30	994.46	673.34	722.37
γ 20.0	987.06	899.60	606.38	651.44
γ 21.0	895.63	818.52	546.80	588.18
γ 22.0	815.49	744.20	494.78	534.13
γ 23.0	742.52	678.33	450.68	486.31
γ 24.0	676.93	619.23	411.73	444.08
γ 25.0	619.95	567.14	376.10	406.55
γ 26.0	568.97	521.09	344.82	372.42
γ 27.0	525.49	479.86	315.85	341.16
γ 28.0	485.60	443.07	289.87	312.80
γ 29.0	450.25	409.23	266.13	286.93
γ 30.0	417.52	377.33	244.08	262.89
γ 31.0	388.44	348.66	224.02	240.62
γ 32.0	361.26	322.25	205.28	220.73
γ 33.0	335.37	297.35	188.20	202.05
γ 34.0	311.76	274.03	172.73	183.94
γ 35.0	289.55	252.81	158.16	169.47
γ 36.0	268.66	233.06	145.26	155.07
γ 37.0	249.49	214.85	133.17	141.66
γ 38.0	231.44	197.95	122.22	129.78
γ 39.0	214.93	183.42	112.07	118.88
γ 40.0	199.52	167.05	102.79	108.71
γ 41.0	184.83	153.50	94.29	99.53
γ 42.0	171.00	140.66	86.59	91.32
γ 43.0	158.14	128.94	79.42	83.68
γ 44.0	145.69	118.15	72.88	76.74
γ 45.0	134.01	107.93	67.10	70.07
γ 46.0	122.76	98.66	61.59	64.20

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	112.33	90.29	56.85	58.96
γ 48.0	102.62	82.41	52.53	54.18
γ 49.0	93.58	75.22	48.31	49.69
γ 50.0	85.36	68.57	44.61	45.68
γ 51.0	77.80	62.62	41.27	42.12
γ 52.0	71.00	57.06	38.25	38.92
γ 53.0	64.76	52.01	35.51	36.06
γ 54.0	59.15	47.41	33.03	33.55
γ 55.0	53.99	43.26	30.62	31.18
γ 56.0	49.42	39.55	28.50	29.03
γ 57.0	45.14	36.22	26.53	27.14
γ 58.0	41.29	33.30	24.65	25.39
γ 59.0	37.92	30.60	23.05	23.73
γ 60.0	34.88	28.23	21.45	22.25
γ 61.0	32.19	26.13	20.01	20.83
γ 62.0	29.75	24.16	18.66	19.47
γ 63.0	27.51	22.44	17.38	18.33
γ 64.0	25.50	20.82	16.16	17.13
γ 65.0	23.71	19.44	15.27	16.15
γ 66.0	22.08	18.03	14.13	15.16
γ 67.0	20.58	16.76	13.17	14.16
γ 68.0	19.22	15.69	12.19	13.31
γ 69.0	17.83	14.60	11.43	12.44
γ 70.0	16.61	13.55	10.60	11.65
γ 71.0	15.50	12.60	9.73	10.81
γ 72.0	14.37	11.64	8.96	10.07
γ 73.0	13.35	10.84	8.22	9.35
γ 74.0	12.44	9.95	7.53	8.66
γ 75.0	11.48	9.29	6.87	7.90
γ 76.0	10.63	8.36	6.28	7.39
γ 77.0	9.74	7.71	5.55	6.70
γ 78.0	8.81	7.01	5.12	6.13
γ 79.0	8.12	6.32	4.39	5.56
γ 80.0	7.35	5.67	3.77	4.89
γ 81.0	6.70	5.01	3.11	4.24
γ 82.0	5.90	4.35	2.58	3.58
γ 83.0	5.15	3.60	2.04	3.21
γ 84.0	4.49	2.96	1.58	2.64
γ 85.0	3.86	2.49	1.25	2.14
γ 86.0	3.15	1.95	0.87	1.81
γ 87.0	2.67	1.53	0.72	1.63
γ 88.0	2.15	1.19	0.60	1.40
γ 89.0	1.96	0.99	0.50	1.27
γ 90.0	1.67	0.74	0.38	1.05
γ 91.0	1.50	0.75	0.27	1.02
γ 92.0	1.42	0.56	0.15	0.88
γ 93.0	1.33	0.49	0.17	0.79

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.17	0.39	0.00	0.68
γ 95.0	0.99	0.24	0.00	0.61
γ 96.0	0.87	0.18	0.00	0.41
γ 97.0	0.82	0.14	0.00	0.32
γ 98.0	0.71	0.08	0.00	0.25
γ 99.0	0.72	0.00	0.00	0.17
γ 100.0	0.57	0.00	0.00	0.11
γ 101.0	0.46	0.00	0.00	0.13
γ 102.0	0.38	0.00	0.00	0.06
γ 103.0	0.35	0.00	0.00	0.03
γ 104.0	0.17	0.00	0.00	0.00
γ 105.0	0.15	0.00	0.00	0.00
γ 106.0	0.07	0.00	0.00	0.00
γ 107.0	0.08	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	0.04
γ 120.0	0.00	0.00	0.00	0.06
γ 121.0	0.00	0.00	0.00	0.16
γ 122.0	0.00	0.00	0.00	0.12
γ 123.0	0.00	0.00	0.09	0.22
γ 124.0	0.00	0.00	0.20	0.25
γ 125.0	0.00	0.00	0.31	0.46
γ 126.0	0.00	0.00	0.40	0.46
γ 127.0	0.00	0.00	0.46	0.58
γ 128.0	0.00	0.00	0.67	0.67
γ 129.0	0.00	0.00	0.77	0.84
γ 130.0	0.00	0.00	0.91	0.93
γ 131.0	0.01	0.00	1.09	1.08
γ 132.0	0.12	0.09	1.30	1.27
γ 133.0	0.28	0.22	1.50	1.41
γ 134.0	0.41	0.39	1.67	1.67
γ 135.0	0.49	0.49	1.87	1.77
γ 136.0	0.72	0.70	2.15	2.01
γ 137.0	0.87	0.86	2.39	2.20
γ 138.0	1.03	1.13	2.56	2.45
γ 139.0	1.27	1.26	2.77	2.67
γ 140.0	1.53	1.46	3.04	2.88

IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 24D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.76	1.76	3.29	3.12
γ 142.0	1.87	1.98	3.47	3.29
γ 143.0	2.15	2.16	3.67	3.50
γ 144.0	2.33	2.44	4.01	3.80
γ 145.0	2.53	2.71	4.19	3.96
γ 146.0	2.86	2.88	4.36	4.19
γ 147.0	3.09	3.11	4.63	4.40
γ 148.0	3.31	3.37	4.76	4.54
γ 149.0	3.52	3.59	4.93	4.71
γ 150.0	3.77	3.84	5.08	4.93
γ 151.0	3.93	3.98	5.29	4.99
γ 152.0	4.09	4.12	5.36	5.19
γ 153.0	4.33	4.21	5.47	5.29
γ 154.0	4.51	4.44	5.60	5.33
γ 155.0	4.67	4.57	5.72	5.49
γ 156.0	4.86	4.71	5.83	5.56
γ 157.0	4.83	4.80	5.89	5.60
γ 158.0	5.17	4.98	6.00	5.67
γ 159.0	5.20	5.00	6.00	5.72
γ 160.0	5.37	5.13	6.02	5.77
γ 161.0	5.41	5.19	6.16	5.75
γ 162.0	5.50	5.32	6.13	5.86
γ 163.0	5.54	5.37	6.22	5.86
γ 164.0	5.57	5.47	6.22	5.87
γ 165.0	5.66	5.55	6.25	5.90
γ 166.0	5.77	5.62	6.26	5.92
γ 167.0	5.82	5.67	6.27	5.85
γ 168.0	5.87	5.61	6.25	5.87
γ 169.0	5.91	5.74	6.20	5.84
γ 170.0	5.92	5.74	6.23	5.83
γ 171.0	5.91	5.73	6.24	5.85
γ 172.0	5.92	5.78	6.16	5.77
γ 173.0	5.96	5.71	6.09	5.74
γ 174.0	5.95	5.75	6.10	5.75
γ 175.0	5.93	5.74	6.11	5.81
γ 176.0	5.99	5.80	6.15	5.82
γ 177.0	5.98	5.72	6.10	5.81
γ 178.0	5.99	5.72	6.13	5.90
γ 179.0	6.00	5.84	6.17	5.81
γ 180.0	5.99	5.99	5.99	5.99