

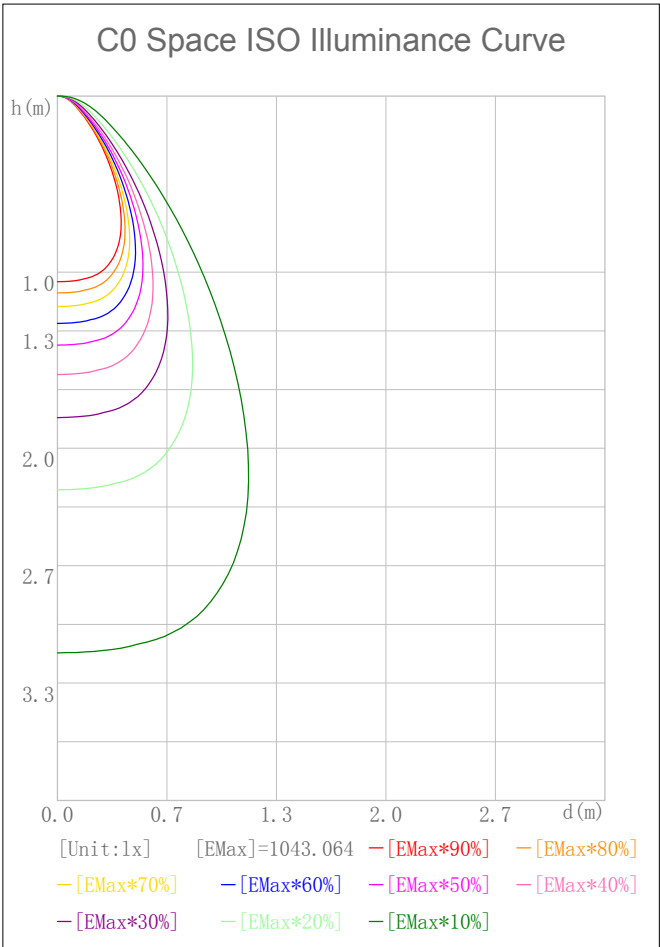
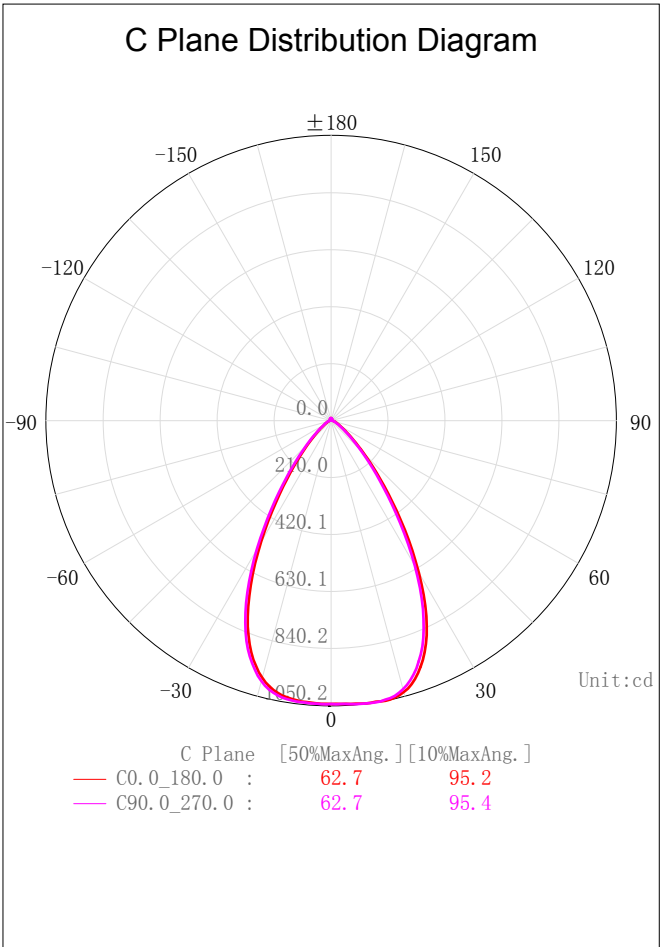
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-XX-03 3000K RA90 60D		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): 1205.910	Luminary Flux(lm): 1205.906	Field Angle(10%Imax): 95.2(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1174.767lm 97.42%	
Rated Voltage(V):	Luminary EER(lm/W): 96.395	Up Lumens&Percent: 31.139lm 2.58%	
Tested Power(W): 12.510	Max. Candela(cd): 1050.226	S/MH: C0_a180=0.990 C90_270=0.990	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=11.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.5, 0.054	Beam Angle(50%Imax): 62.7(°)	ErP Φ use(90°): 1036.105lm	
Lamp Size (W*L*H):0.050m*0.050m*0.650m	Left=-29.7°, Right=33.0°	IRF(%): 190.810	



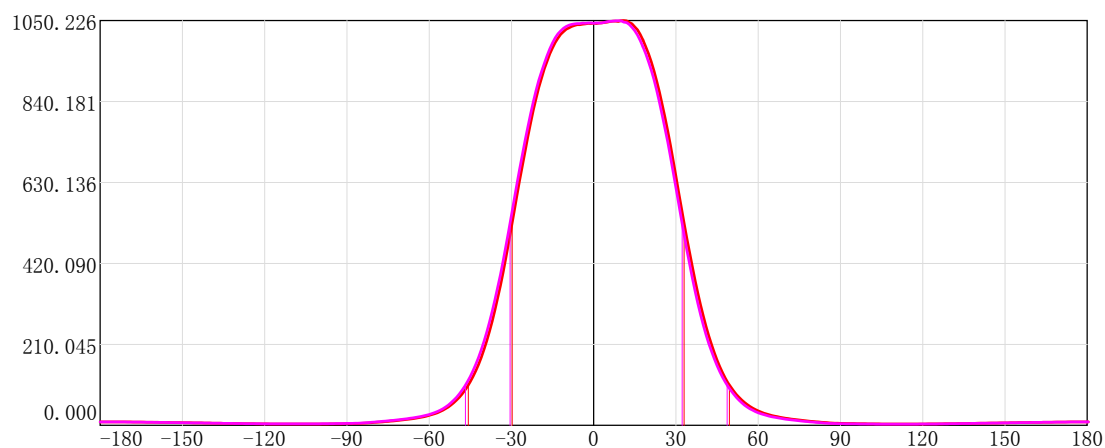
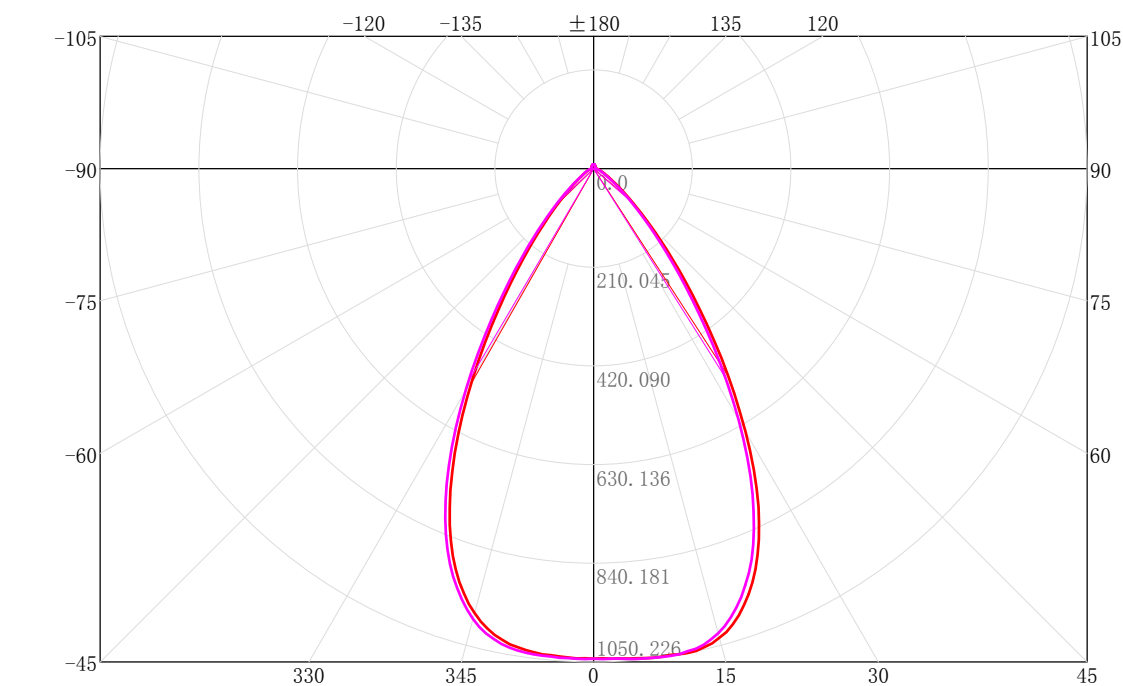
IES Indoor Report

Photometric Filename:MD10-13-XX-03 3000K RA90 60D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-XX-03 3000K RA90 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: 2019/12/23

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
C0.0_180.0 : 62.7 95.2
C90.0_270.0 : 62.7 95.4

Unit:cd

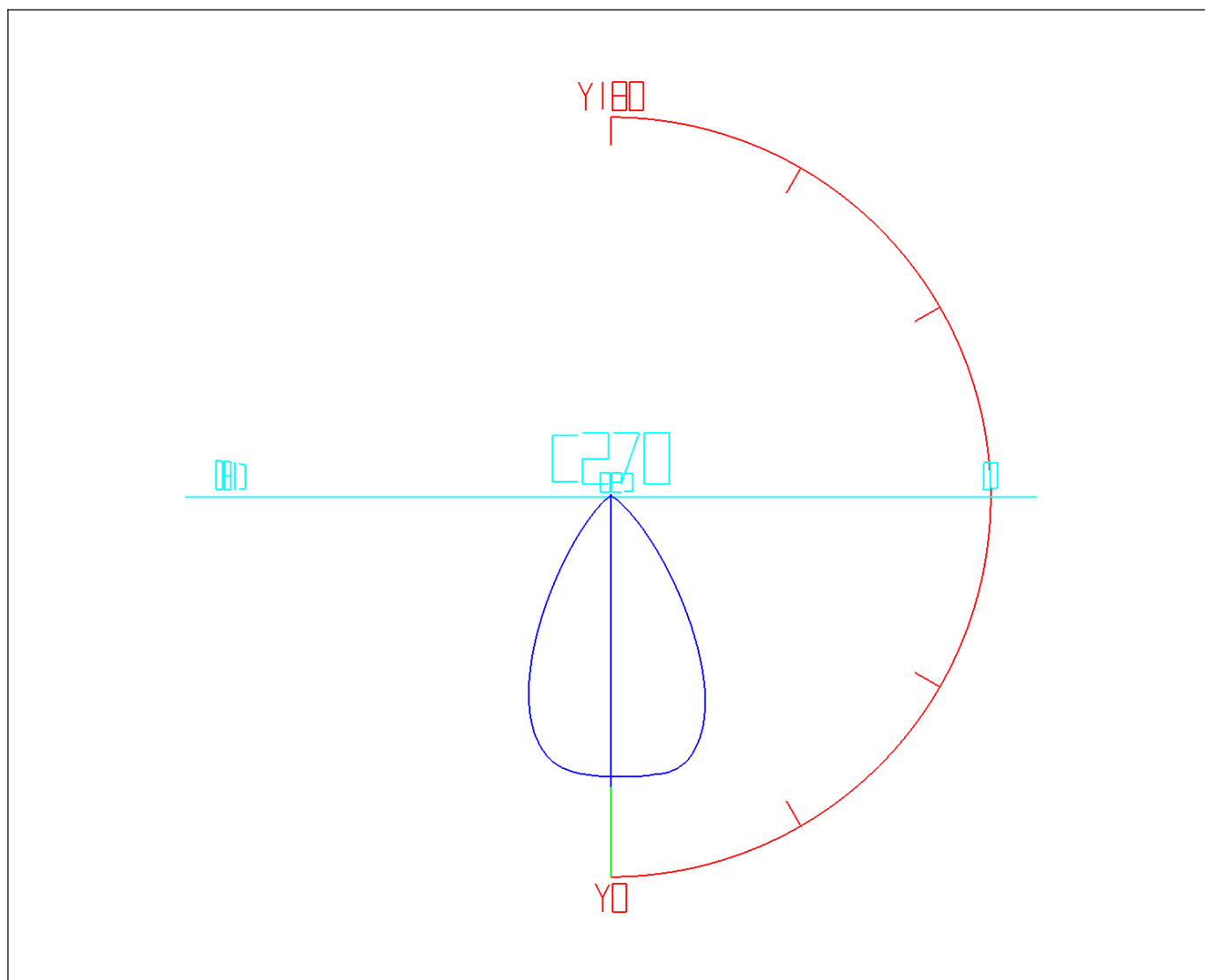
IES Indoor Report

Photometric Filename:MD10-13-XX-03 3000K RA90 60D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-XX-03 3000K RA90 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: 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

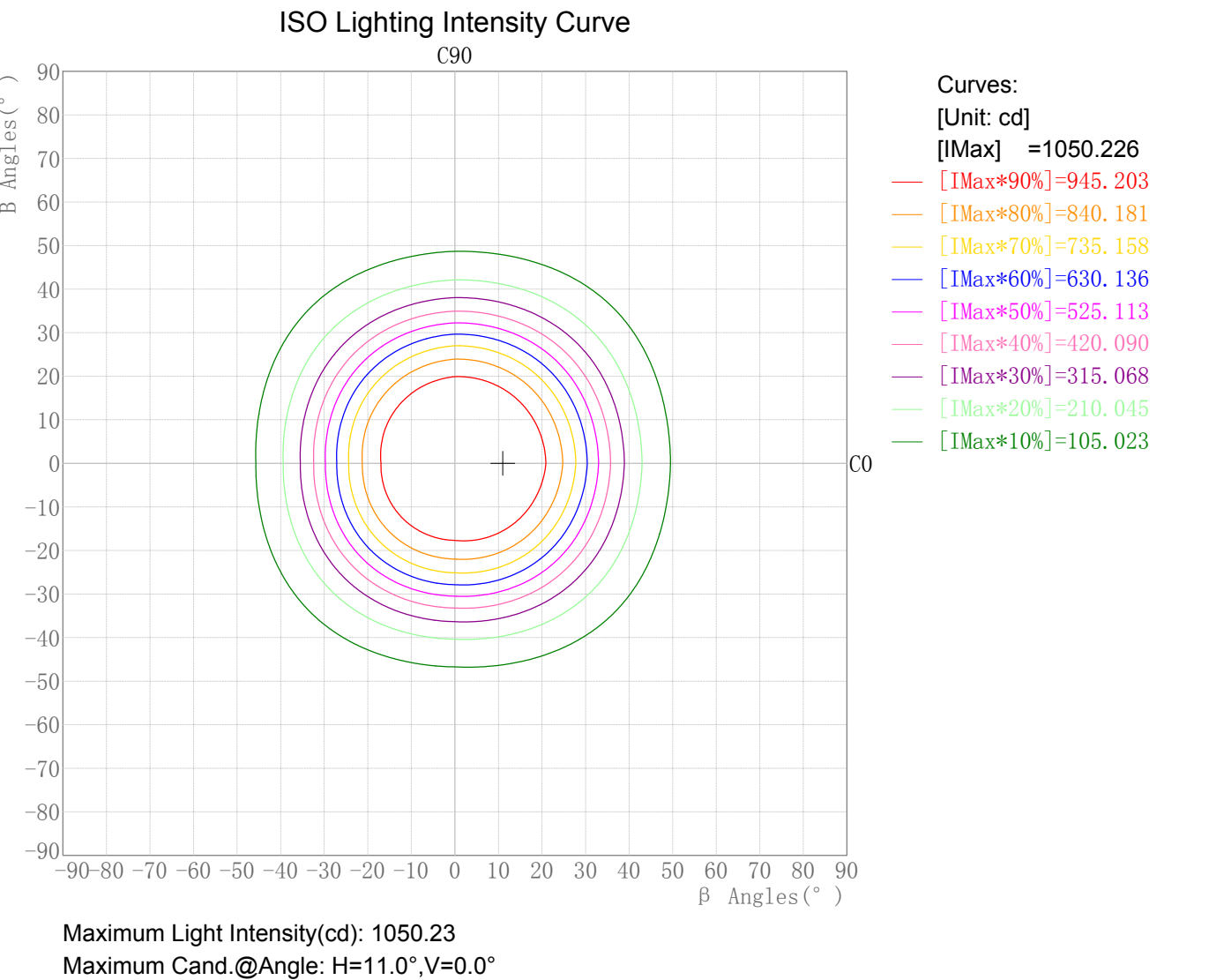
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.00	1.00	0.08	0.08	47.0-48.0	8.73	1071.55	0.72	88.86
1.0-2.0	2.99	3.99	0.25	0.33	48.0-49.0	7.96	1079.51	0.66	89.52
2.0-3.0	4.99	8.98	0.41	0.74	49.0-50.0	7.25	1086.75	0.60	90.12
3.0-4.0	6.99	15.97	0.58	1.32	50.0-51.0	6.60	1093.36	0.55	90.67
4.0-5.0	8.98	24.95	0.74	2.07	51.0-52.0	6.02	1099.38	0.50	91.17
5.0-6.0	10.97	35.92	0.91	2.98	52.0-53.0	5.49	1104.87	0.46	91.62
6.0-7.0	12.96	48.89	1.07	4.05	53.0-54.0	5.02	1109.89	0.42	92.04
7.0-8.0	14.94	63.83	1.24	5.29	54.0-55.0	4.59	1114.48	0.38	92.42
8.0-9.0	16.90	80.72	1.40	6.69	55.0-56.0	4.21	1118.68	0.35	92.77
9.0-10.0	18.84	99.57	1.56	8.26	56.0-57.0	3.87	1122.55	0.32	93.09
10.0-11.0	20.76	120.32	1.72	9.98	57.0-58.0	3.57	1126.12	0.30	93.38
11.0-12.0	22.63	142.95	1.88	11.85	58.0-59.0	3.31	1129.43	0.27	93.66
12.0-13.0	24.44	167.39	2.03	13.88	59.0-60.0	3.08	1132.51	0.26	93.91
13.0-14.0	26.17	193.56	2.17	16.05	60.0-61.0	2.87	1135.38	0.24	94.15
14.0-15.0	27.80	221.37	2.31	18.36	61.0-62.0	2.69	1138.06	0.22	94.37
15.0-16.0	29.33	250.70	2.43	20.79	62.0-63.0	2.53	1140.59	0.21	94.58
16.0-17.0	30.74	281.44	2.55	23.34	63.0-64.0	2.38	1142.97	0.20	94.78
17.0-18.0	32.00	313.43	2.65	25.99	64.0-65.0	2.25	1145.22	0.19	94.97
18.0-19.0	33.11	346.55	2.75	28.74	65.0-66.0	2.13	1147.34	0.18	95.14
19.0-20.0	34.07	380.61	2.83	31.56	66.0-67.0	2.01	1149.36	0.17	95.31
20.0-21.0	34.85	415.46	2.89	34.45	67.0-68.0	1.91	1151.26	0.16	95.47
21.0-22.0	35.44	450.91	2.94	37.39	68.0-69.0	1.81	1153.07	0.15	95.62
22.0-23.0	35.82	486.73	2.97	40.36	69.0-70.0	1.72	1154.79	0.14	95.76
23.0-24.0	35.97	522.69	2.98	43.34	70.0-71.0	1.63	1156.42	0.14	95.90
24.0-25.0	35.90	558.59	2.98	46.32	71.0-72.0	1.55	1157.97	0.13	96.02
25.0-26.0	35.63	594.22	2.95	49.28	72.0-73.0	1.47	1159.43	0.12	96.15
26.0-27.0	35.14	629.36	2.91	52.19	73.0-74.0	1.39	1160.82	0.12	96.26
27.0-28.0	34.43	663.79	2.85	55.04	74.0-75.0	1.32	1162.14	0.11	96.37
28.0-29.0	33.51	697.30	2.78	57.82	75.0-76.0	1.25	1163.39	0.10	96.47
29.0-30.0	32.42	729.72	2.69	60.51	76.0-77.0	1.18	1164.57	0.10	96.57
30.0-31.0	31.17	760.89	2.58	63.10	77.0-78.0	1.11	1165.68	0.09	96.66
31.0-32.0	29.80	790.69	2.47	65.57	78.0-79.0	1.05	1166.73	0.09	96.75
32.0-33.0	28.33	819.02	2.35	67.92	79.0-80.0	0.99	1167.72	0.08	96.83
33.0-34.0	26.79	845.81	2.22	70.14	80.0-81.0	0.93	1168.65	0.08	96.91
34.0-35.0	25.22	871.03	2.09	72.23	81.0-82.0	0.87	1169.52	0.07	96.98
35.0-36.0	23.63	894.66	1.96	74.19	82.0-83.0	0.81	1170.33	0.07	97.05
36.0-37.0	22.06	916.72	1.83	76.02	83.0-84.0	0.76	1171.08	0.06	97.11
37.0-38.0	20.52	937.24	1.70	77.72	84.0-85.0	0.70	1171.78	0.06	97.17
38.0-39.0	19.04	956.27	1.58	79.30	85.0-86.0	0.66	1172.44	0.05	97.22
39.0-40.0	17.61	973.88	1.46	80.76	86.0-87.0	0.62	1173.06	0.05	97.28
40.0-41.0	16.24	990.13	1.35	82.11	87.0-88.0	0.59	1173.65	0.05	97.33
41.0-42.0	14.94	1005.07	1.24	83.35	88.0-89.0	0.57	1174.22	0.05	97.37
42.0-43.0	13.70	1018.77	1.14	84.48	89.0-90.0	0.55	1174.77	0.05	97.42
43.0-44.0	12.54	1031.31	1.04	85.52	90.0-91.0	0.53	1175.30	0.04	97.46
44.0-45.0	11.47	1042.78	0.95	86.47	91.0-92.0	0.52	1175.82	0.04	97.51
45.0-46.0	10.48	1053.26	0.87	87.34	92.0-93.0	0.51	1176.33	0.04	97.55
46.0-47.0	9.57	1062.82	0.79	88.13	93.0-94.0	0.50	1176.83	0.04	97.59

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	0.49	1177.31	0.04	97.63	141.0-142.0	0.41	1196.06	0.03	99.18
95.0-96.0	0.47	1177.79	0.04	97.67	142.0-143.0	0.41	1196.46	0.03	99.22
96.0-97.0	0.46	1178.25	0.04	97.71	143.0-144.0	0.41	1196.87	0.03	99.25
97.0-98.0	0.45	1178.71	0.04	97.74	144.0-145.0	0.40	1197.27	0.03	99.28
98.0-99.0	0.44	1179.15	0.04	97.78	145.0-146.0	0.40	1197.68	0.03	99.32
99.0-100.0	0.44	1179.59	0.04	97.82	146.0-147.0	0.40	1198.07	0.03	99.35
100.0-101.0	0.43	1180.02	0.04	97.85	147.0-148.0	0.39	1198.47	0.03	99.38
101.0-102.0	0.42	1180.44	0.03	97.89	148.0-149.0	0.39	1198.86	0.03	99.42
102.0-103.0	0.41	1180.85	0.03	97.92	149.0-150.0	0.38	1199.24	0.03	99.45
103.0-104.0	0.41	1181.25	0.03	97.96	150.0-151.0	0.38	1199.62	0.03	99.48
104.0-105.0	0.40	1181.65	0.03	97.99	151.0-152.0	0.37	1199.99	0.03	99.51
105.0-106.0	0.39	1182.05	0.03	98.02	152.0-153.0	0.37	1200.35	0.03	99.54
106.0-107.0	0.39	1182.44	0.03	98.05	153.0-154.0	0.36	1200.71	0.03	99.57
107.0-108.0	0.39	1182.83	0.03	98.09	154.0-155.0	0.35	1201.06	0.03	99.60
108.0-109.0	0.38	1183.21	0.03	98.12	155.0-156.0	0.34	1201.40	0.03	99.63
109.0-110.0	0.38	1183.59	0.03	98.15	156.0-157.0	0.33	1201.74	0.03	99.65
110.0-111.0	0.38	1183.96	0.03	98.18	157.0-158.0	0.32	1202.06	0.03	99.68
111.0-112.0	0.37	1184.33	0.03	98.21	158.0-159.0	0.31	1202.37	0.03	99.71
112.0-113.0	0.37	1184.71	0.03	98.24	159.0-160.0	0.30	1202.68	0.03	99.73
113.0-114.0	0.37	1185.08	0.03	98.27	160.0-161.0	0.29	1202.97	0.02	99.76
114.0-115.0	0.37	1185.45	0.03	98.30	161.0-162.0	0.28	1203.25	0.02	99.78
115.0-116.0	0.37	1185.82	0.03	98.33	162.0-163.0	0.27	1203.52	0.02	99.80
116.0-117.0	0.37	1186.18	0.03	98.36	163.0-164.0	0.26	1203.78	0.02	99.82
117.0-118.0	0.37	1186.56	0.03	98.40	164.0-165.0	0.25	1204.02	0.02	99.84
118.0-119.0	0.37	1186.93	0.03	98.43	165.0-166.0	0.23	1204.25	0.02	99.86
119.0-120.0	0.37	1187.30	0.03	98.46	166.0-167.0	0.22	1204.47	0.02	99.88
120.0-121.0	0.37	1187.67	0.03	98.49	167.0-168.0	0.20	1204.68	0.02	99.90
121.0-122.0	0.38	1188.05	0.03	98.52	168.0-169.0	0.19	1204.87	0.02	99.91
122.0-123.0	0.38	1188.43	0.03	98.55	169.0-170.0	0.18	1205.04	0.01	99.93
123.0-124.0	0.38	1188.81	0.03	98.58	170.0-171.0	0.16	1205.20	0.01	99.94
124.0-125.0	0.38	1189.19	0.03	98.61	171.0-172.0	0.14	1205.35	0.01	99.95
125.0-126.0	0.39	1189.58	0.03	98.65	172.0-173.0	0.13	1205.48	0.01	99.96
126.0-127.0	0.39	1189.97	0.03	98.68	173.0-174.0	0.11	1205.59	0.01	99.97
127.0-128.0	0.39	1190.36	0.03	98.71	174.0-175.0	0.10	1205.69	0.01	99.98
128.0-129.0	0.39	1190.76	0.03	98.74	175.0-176.0	0.08	1205.76	0.01	99.99
129.0-130.0	0.40	1191.15	0.03	98.78	176.0-177.0	0.06	1205.83	0.01	99.99
130.0-131.0	0.40	1191.55	0.03	98.81	177.0-178.0	0.04	1205.87	0.00	100.00
131.0-132.0	0.40	1191.96	0.03	98.84	178.0-179.0	0.03	1205.90	0.00	100.00
132.0-133.0	0.40	1192.36	0.03	98.88	179.0-180.0	0.01	1205.91	0.00	100.00
133.0-134.0	0.41	1192.77	0.03	98.91					
134.0-135.0	0.41	1193.18	0.03	98.94					
135.0-136.0	0.41	1193.59	0.03	98.98					
136.0-137.0	0.41	1194.00	0.03	99.01					
137.0-138.0	0.41	1194.41	0.03	99.05					
138.0-139.0	0.41	1194.82	0.03	99.08					
139.0-140.0	0.41	1195.23	0.03	99.11					
140.0-141.0	0.41	1195.65	0.03	99.15					

Rectangle ISO Lighting Intensity Diagram

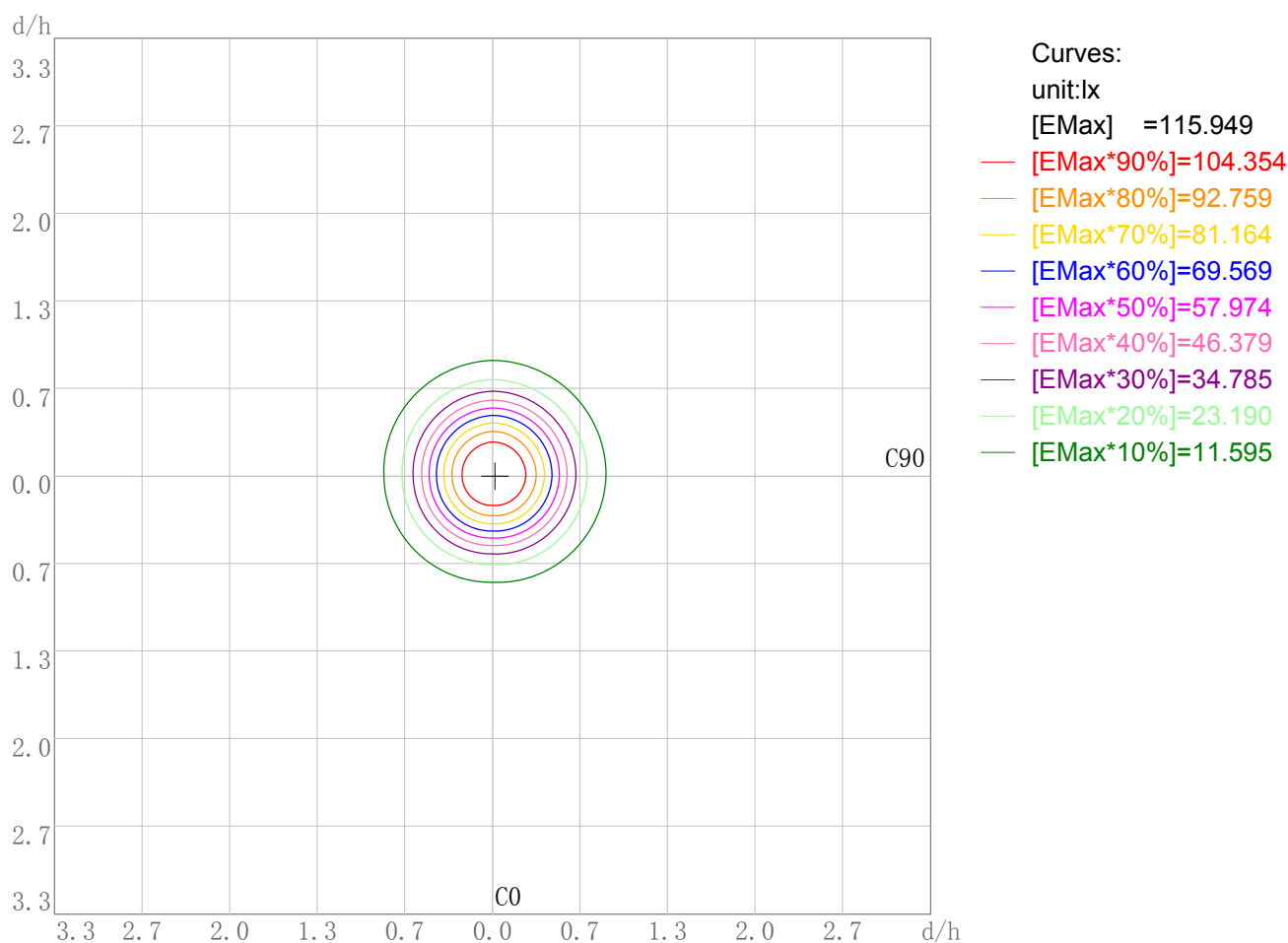
Lum. Name: MD10-13-XX-03 3000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/23



Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-XX-03 3000K RA90 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: 2019/12/23

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 115.95

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

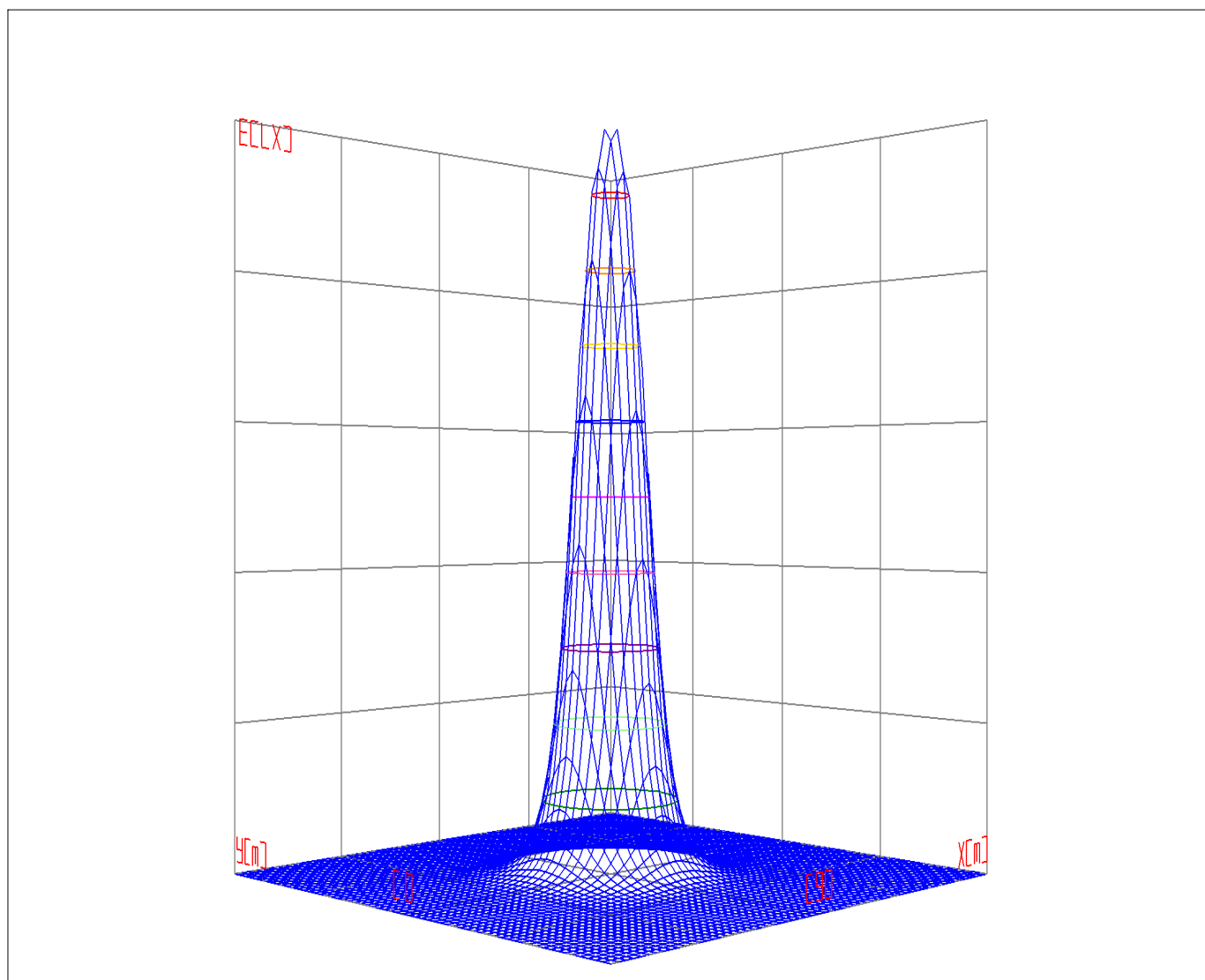
IES Indoor Report

Photometric Filename:MD10-13-XX-03 3000K RA90 60D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-XX-03 3000K RA90 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: 2019/12/23

3D Plane Illuminance Modal

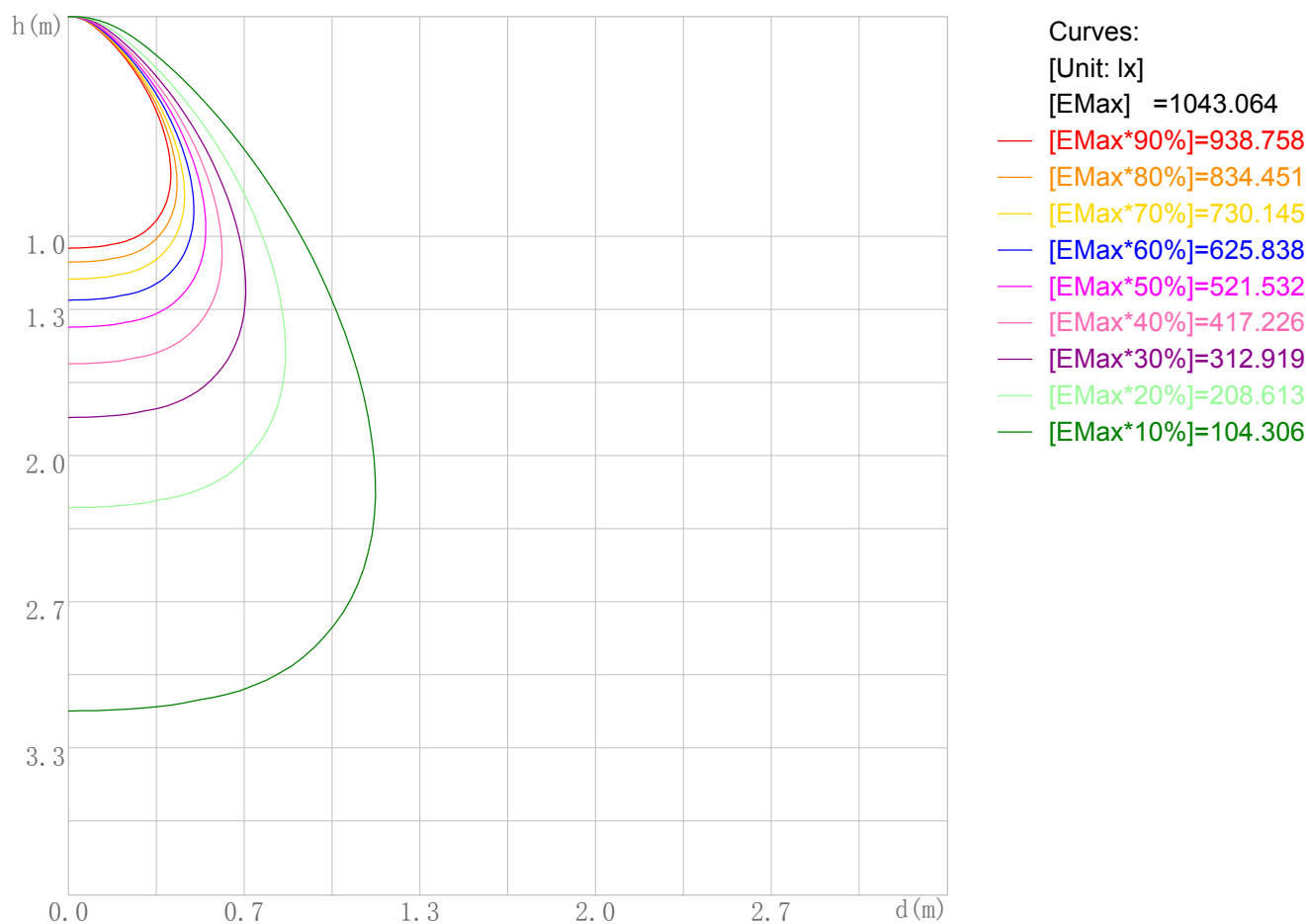


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-13-XX-03 3000K RA90 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: 2019/12/23

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1043.06lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:1050.226cd,0deg

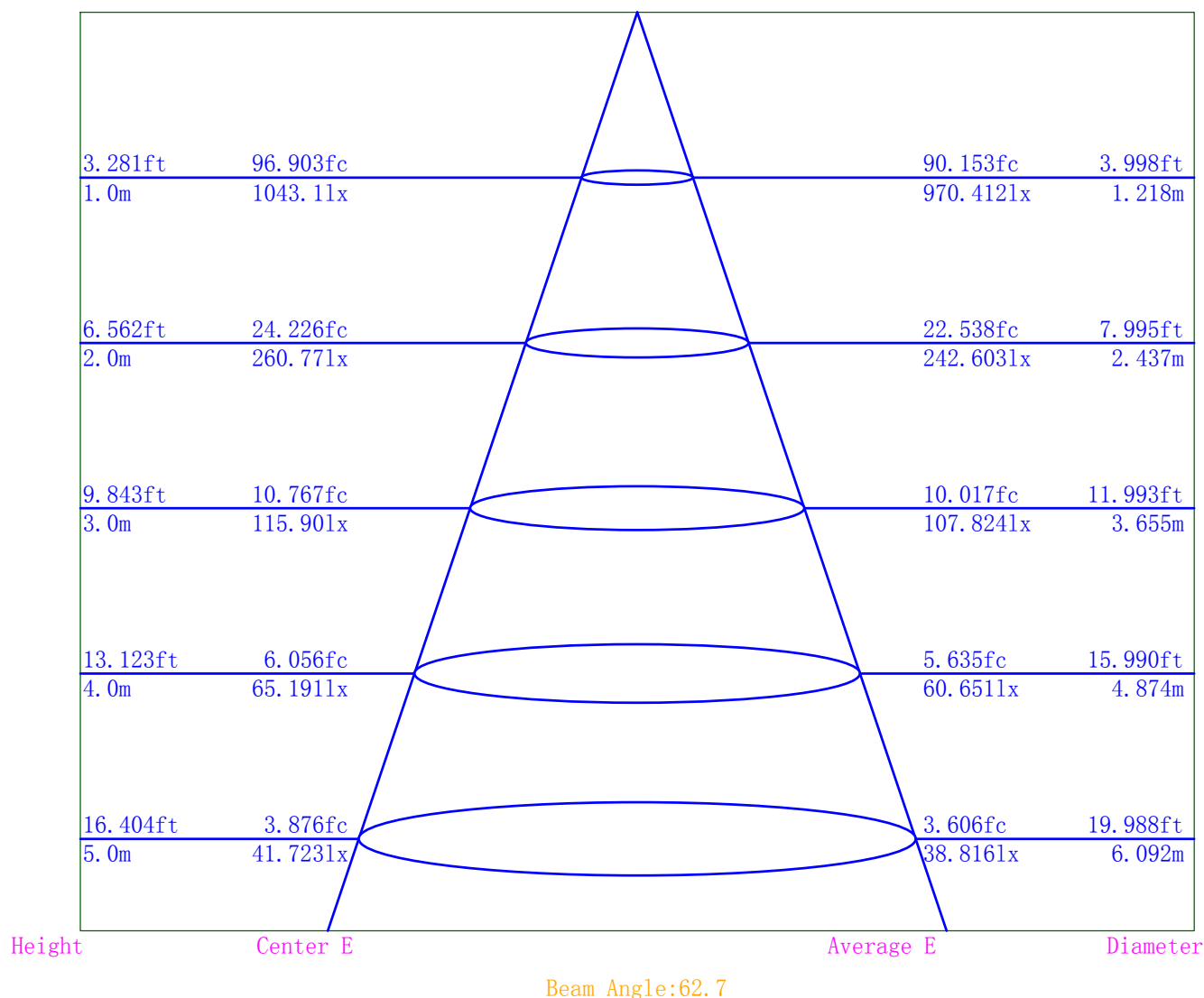
IES Indoor Report

Photometric Filename:MD10-13-XX-03 3000K RA90 60D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-13-XX-03 3000K RA90 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: 2019/12/23

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-13-XX-03 3000K RA90 60D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-XX-03 3000K RA90 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: 2019/12/23

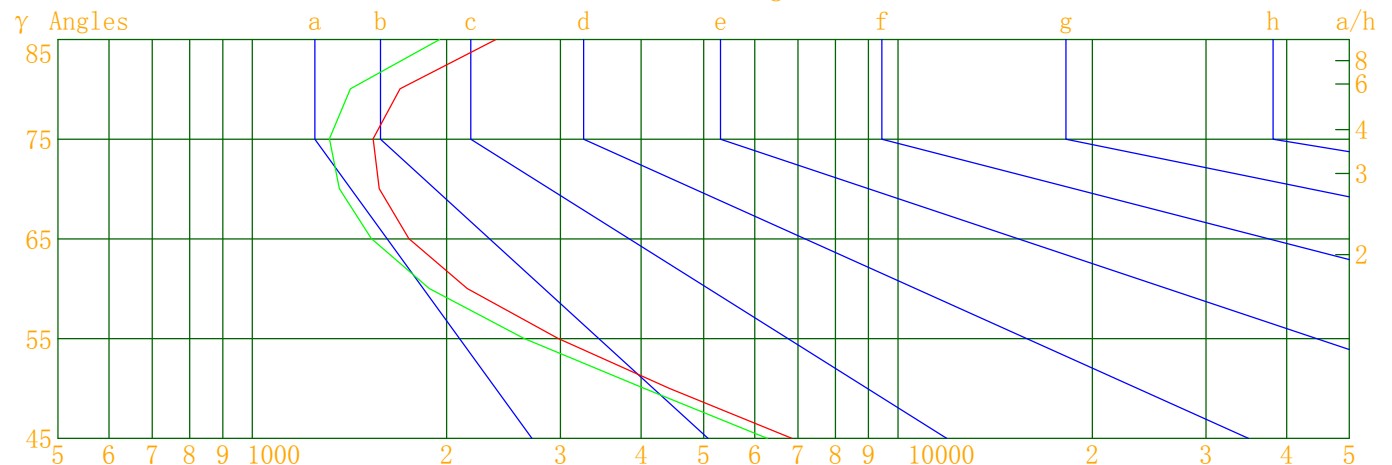
Glare Grade Table

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	6851	4426	2976	2152	1747	1572	1539	1693	2384
C90	6275	4046	2636	1879	1529	1364	1317	1419	1950

Luminance Limiting Curve



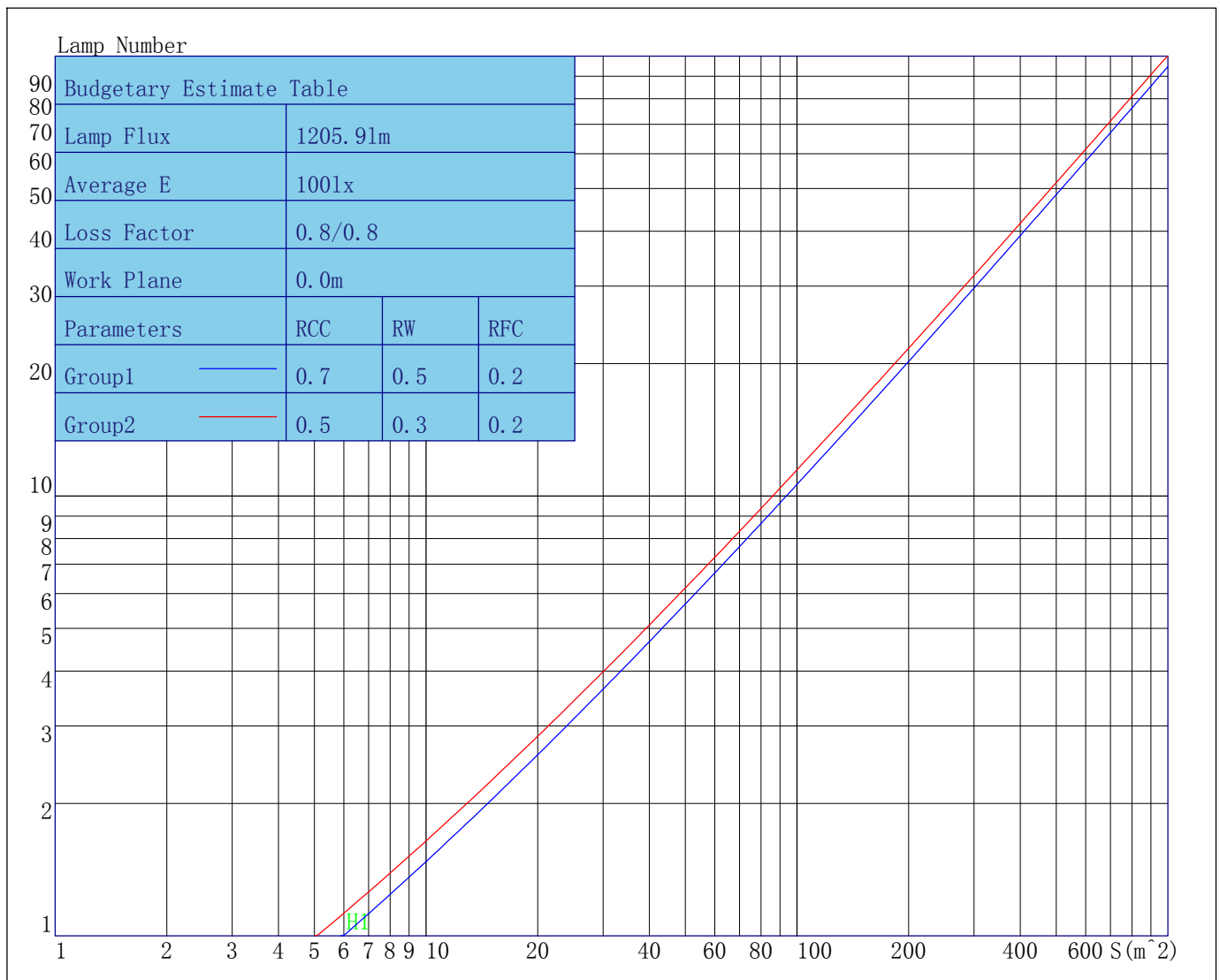
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.650 Area(m^2)=0.035000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-XX-03 3000K RA90 60D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-XX-03 3000K RA90 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: 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

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 for different reflectance levels. The second section provides a detailed grid of utilization coefficients for various room dimensions and reflectance levels.

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.

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	1043.06	1043.06	1043.06	1043.06
γ 1.0	1042.25	1044.02	1042.23	1044.00
γ 2.0	1043.58	1043.79	1042.91	1043.81
γ 3.0	1043.83	1044.14	1041.72	1043.26
γ 4.0	1045.21	1045.85	1040.81	1043.46
γ 5.0	1045.93	1047.31	1039.49	1042.40
γ 6.0	1047.53	1048.06	1039.52	1042.28
γ 7.0	1048.75	1048.76	1037.34	1041.61
γ 8.0	1048.71	1049.56	1034.86	1040.15
γ 9.0	1047.70	1049.78	1031.22	1038.05
γ 10.0	1049.61	1049.31	1027.94	1034.79
γ 11.0	1050.23	1046.27	1021.39	1030.19
γ 12.0	1049.43	1044.68	1014.62	1023.24
γ 13.0	1045.32	1039.96	1004.65	1015.79
γ 14.0	1041.41	1032.42	993.38	1005.51
γ 15.0	1033.72	1023.63	979.11	991.97
γ 16.0	1025.95	1012.66	963.77	976.84
γ 17.0	1013.91	998.46	944.51	958.89
γ 18.0	999.66	982.35	925.24	939.15
γ 19.0	982.53	964.54	901.54	918.15
γ 20.0	963.96	943.27	876.47	894.79
γ 21.0	943.31	921.72	847.62	868.25
γ 22.0	919.59	897.17	817.88	839.54
γ 23.0	892.99	869.01	784.03	808.01
γ 24.0	864.69	837.94	749.26	774.36
γ 25.0	832.65	805.23	711.54	739.76
γ 26.0	800.39	771.41	674.20	702.63
γ 27.0	763.52	735.02	634.64	663.75
γ 28.0	726.40	696.47	594.90	624.53
γ 29.0	686.43	656.88	553.57	584.42
γ 30.0	646.51	616.33	513.77	544.40
γ 31.0	604.83	575.60	474.06	504.51
γ 32.0	564.95	535.08	435.93	465.71
γ 33.0	524.57	494.76	398.25	427.48
γ 34.0	485.84	455.47	363.27	391.28
γ 35.0	447.31	417.57	330.15	357.46
γ 36.0	411.03	381.35	298.85	325.31
γ 37.0	375.51	347.74	270.01	295.38
γ 38.0	342.99	316.23	243.50	267.67
γ 39.0	312.24	287.23	219.32	241.63
γ 40.0	283.92	260.32	197.04	218.08
γ 41.0	257.10	235.24	176.48	196.39
γ 42.0	232.41	212.40	158.07	176.60
γ 43.0	209.28	191.78	141.16	157.92
γ 44.0	188.56	172.57	126.44	141.48
γ 45.0	169.55	155.29	113.19	126.62
γ 46.0	152.44	139.65	101.34	113.55

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	136.90	125.51	90.84	101.82
γ 48.0	122.98	112.83	81.44	91.24
γ 49.0	110.55	101.38	73.06	81.64
γ 50.0	99.57	91.04	65.50	72.56
γ 51.0	89.54	81.65	58.91	65.43
γ 52.0	80.73	73.24	53.04	58.77
γ 53.0	72.93	65.61	47.94	52.85
γ 54.0	65.95	58.83	43.45	47.66
γ 55.0	59.74	52.92	39.42	43.20
γ 56.0	54.22	47.68	35.96	39.32
γ 57.0	49.24	43.22	32.93	35.94
γ 58.0	44.90	39.27	30.30	33.03
γ 59.0	41.03	35.85	28.02	30.54
γ 60.0	37.66	32.89	25.99	28.38
γ 61.0	34.67	30.33	24.20	26.45
γ 62.0	32.07	28.06	22.60	24.78
γ 63.0	29.77	26.04	21.15	23.29
γ 64.0	27.72	24.23	19.87	21.95
γ 65.0	25.84	22.61	18.71	20.71
γ 66.0	24.18	21.13	17.62	19.58
γ 67.0	22.66	19.79	16.64	18.53
γ 68.0	21.28	18.54	15.68	17.55
γ 69.0	20.00	17.41	14.81	16.64
γ 70.0	18.82	16.33	14.00	15.76
γ 71.0	17.70	15.33	13.22	14.93
γ 72.0	16.68	14.40	12.50	14.18
γ 73.0	15.70	13.53	11.80	13.42
γ 74.0	14.81	12.72	11.12	12.70
γ 75.0	13.94	11.93	10.49	12.00
γ 76.0	13.14	11.20	9.89	11.36
γ 77.0	12.37	10.50	9.32	10.72
γ 78.0	11.65	9.83	8.76	10.09
γ 79.0	10.96	9.22	8.21	9.45
γ 80.0	10.29	8.62	7.71	8.83
γ 81.0	9.66	8.07	7.18	8.21
γ 82.0	9.06	7.51	6.66	7.67
γ 83.0	8.45	6.95	6.18	7.16
γ 84.0	7.84	6.42	5.74	6.72
γ 85.0	7.27	5.95	5.37	6.30
γ 86.0	6.77	5.52	5.05	5.97
γ 87.0	6.32	5.13	4.84	5.72
γ 88.0	5.93	4.85	4.69	5.53
γ 89.0	5.64	4.68	4.58	5.39
γ 90.0	5.44	4.55	4.49	5.26
γ 91.0	5.29	4.43	4.39	5.14
γ 92.0	5.15	4.32	4.29	5.01
γ 93.0	5.02	4.22	4.21	4.90

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	4.90	4.12	4.13	4.80
γ 95.0	4.78	4.04	4.04	4.70
γ 96.0	4.68	3.95	3.98	4.60
γ 97.0	4.56	3.87	3.92	4.52
γ 98.0	4.46	3.79	3.85	4.44
γ 99.0	4.38	3.72	3.81	4.36
γ 100.0	4.29	3.66	3.76	4.30
γ 101.0	4.21	3.61	3.71	4.23
γ 102.0	4.14	3.55	3.68	4.16
γ 103.0	4.07	3.50	3.64	4.12
γ 104.0	4.00	3.45	3.62	4.09
γ 105.0	3.94	3.42	3.60	4.05
γ 106.0	3.91	3.38	3.59	4.02
γ 107.0	3.85	3.35	3.58	3.99
γ 108.0	3.81	3.34	3.58	3.97
γ 109.0	3.78	3.33	3.58	3.97
γ 110.0	3.76	3.31	3.60	3.96
γ 111.0	3.73	3.31	3.61	3.96
γ 112.0	3.73	3.32	3.64	3.97
γ 113.0	3.72	3.33	3.67	3.98
γ 114.0	3.73	3.34	3.70	4.00
γ 115.0	3.72	3.37	3.76	4.03
γ 116.0	3.74	3.40	3.79	4.06
γ 117.0	3.77	3.44	3.84	4.09
γ 118.0	3.79	3.49	3.91	4.14
γ 119.0	3.82	3.53	3.98	4.19
γ 120.0	3.87	3.59	4.05	4.24
γ 121.0	3.91	3.64	4.11	4.31
γ 122.0	3.96	3.71	4.20	4.37
γ 123.0	4.02	3.78	4.28	4.44
γ 124.0	4.09	3.85	4.37	4.52
γ 125.0	4.15	3.94	4.46	4.60
γ 126.0	4.23	4.02	4.55	4.69
γ 127.0	4.30	4.11	4.66	4.77
γ 128.0	4.38	4.20	4.76	4.87
γ 129.0	4.47	4.30	4.87	4.95
γ 130.0	4.56	4.40	4.98	5.05
γ 131.0	4.66	4.50	5.09	5.15
γ 132.0	4.76	4.60	5.19	5.26
γ 133.0	4.85	4.71	5.30	5.36
γ 134.0	4.95	4.82	5.42	5.47
γ 135.0	5.05	4.92	5.56	5.57
γ 136.0	5.17	5.04	5.67	5.69
γ 137.0	5.28	5.15	5.78	5.80
γ 138.0	5.39	5.26	5.90	5.90
γ 139.0	5.50	5.37	6.02	6.01
γ 140.0	5.62	5.50	6.13	6.12

IES Indoor Report

Photometric Filename:MD10-13-XX-03 3000K RA90 60D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	5.74	5.62	6.25	6.22
γ 142.0	5.84	5.74	6.36	6.32
γ 143.0	5.95	5.85	6.48	6.44
γ 144.0	6.06	5.97	6.59	6.53
γ 145.0	6.18	6.08	6.70	6.64
γ 146.0	6.29	6.20	6.82	6.75
γ 147.0	6.39	6.31	6.93	6.84
γ 148.0	6.52	6.42	7.05	6.96
γ 149.0	6.62	6.53	7.14	7.06
γ 150.0	6.74	6.64	7.24	7.16
γ 151.0	6.85	6.76	7.34	7.25
γ 152.0	6.97	6.86	7.45	7.35
γ 153.0	7.08	6.98	7.54	7.44
γ 154.0	7.19	7.09	7.65	7.54
γ 155.0	7.29	7.19	7.74	7.62
γ 156.0	7.39	7.30	7.83	7.73
γ 157.0	7.50	7.39	7.92	7.80
γ 158.0	7.60	7.51	8.02	7.91
γ 159.0	7.70	7.62	8.11	7.99
γ 160.0	7.80	7.72	8.19	8.08
γ 161.0	7.89	7.81	8.28	8.16
γ 162.0	7.99	7.93	8.37	8.26
γ 163.0	8.09	8.02	8.45	8.33
γ 164.0	8.19	8.13	8.54	8.44
γ 165.0	8.29	8.21	8.61	8.51
γ 166.0	8.38	8.29	8.69	8.60
γ 167.0	8.48	8.39	8.78	8.68
γ 168.0	8.57	8.48	8.86	8.76
γ 169.0	8.66	8.57	8.93	8.82
γ 170.0	8.75	8.63	9.00	8.90
γ 171.0	8.84	8.72	9.06	8.95
γ 172.0	8.92	8.79	9.12	9.03
γ 173.0	9.01	8.87	9.18	9.08
γ 174.0	9.06	8.93	9.20	9.12
γ 175.0	9.13	8.99	9.26	9.16
γ 176.0	9.20	9.05	9.29	9.20
γ 177.0	9.25	9.10	9.30	9.23
γ 178.0	9.29	9.14	9.32	9.24
γ 179.0	9.32	9.16	9.34	9.27
γ 180.0	9.30	9.30	9.30	9.30