

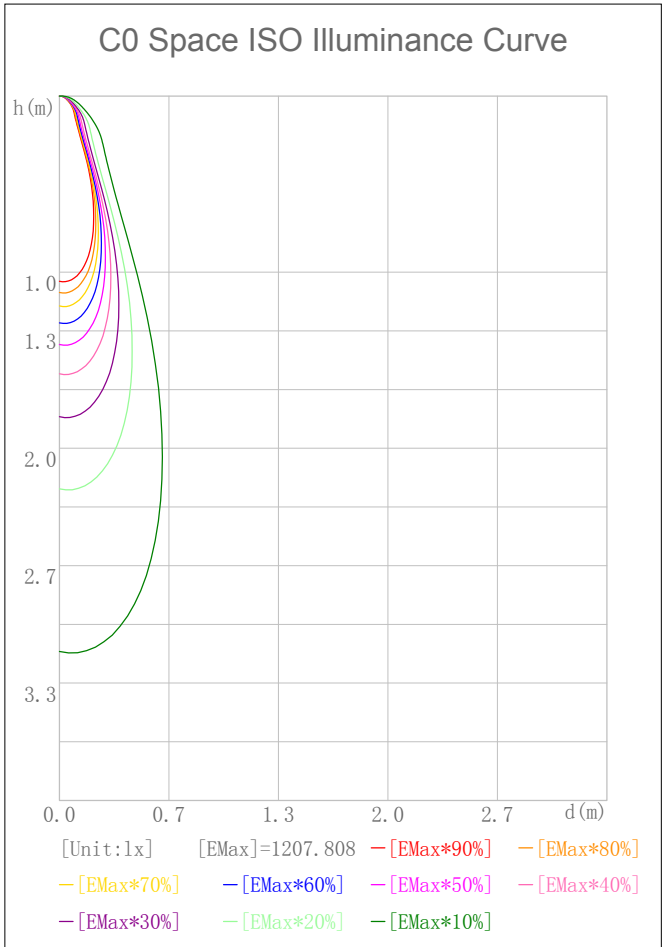
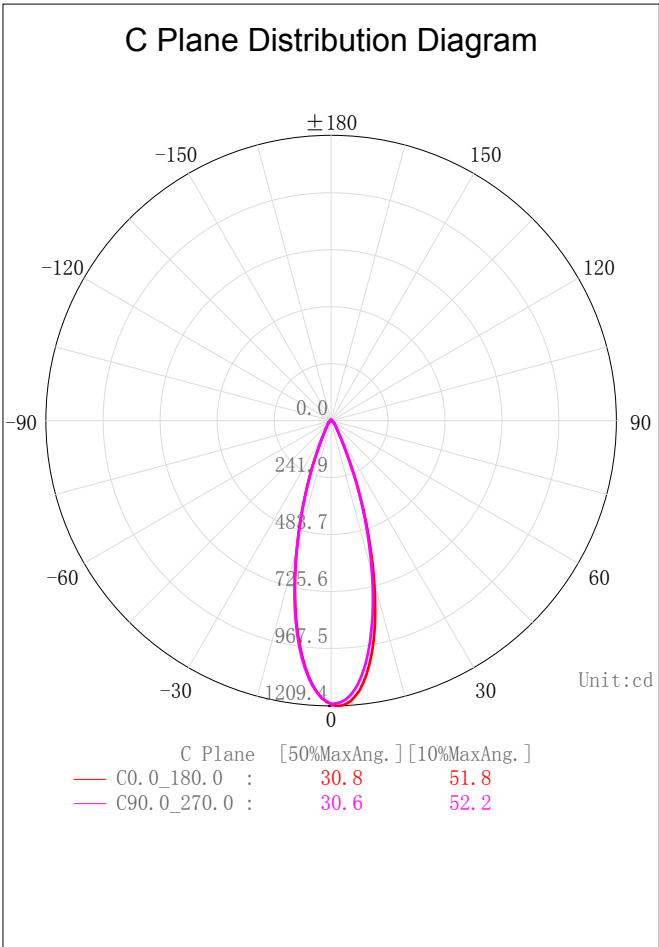
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD13-06-XX-01 2700K 90RA 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2020/03/13
Manufacture: Shenzhen Norming Lighting Co., Ltd	Shld.Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department	Frequency (Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H):0.000m*0.000m*0.000m	Lum. Area (m2):0.000	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity(%):

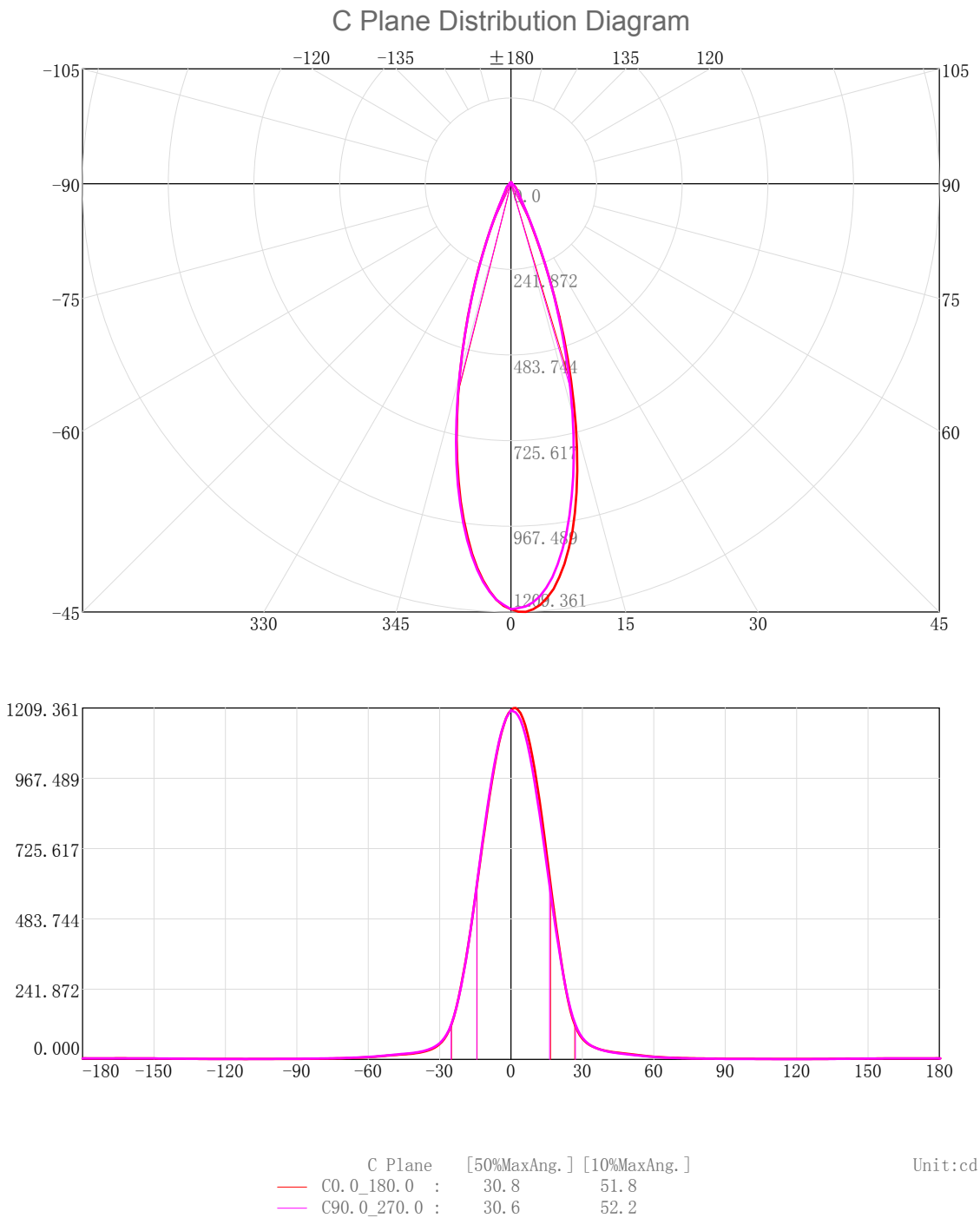
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 422.850	Luminary Flux(lm): 422.847	Field Angle(10%Imax): 51.8(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 408.107lm 96.51%
Rated Voltage(V):	Luminary EER(lm/W): 73.950	Up Lumens&Percent: 14.740lm 3.49%
Tested Power(W): 5.718	Max. Candela(cd): 1209.361	S/MH: C0_a180=0.517 C90_270=0.509
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=2.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):241.0, 0.024	Beam Angle(50%Imax): 30.8(°)	ErP Φ use(90°): 374.224lm
Lamp Size (W*L*H):0.000m*0.000m*0.000m	Left=-14.2°, Right=16.6°	IRF(%): 622.263



2D Plane Light Intensity Distribution Curve

Lum. Name: MD13-06-XX-01 2700K 90RA 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/13



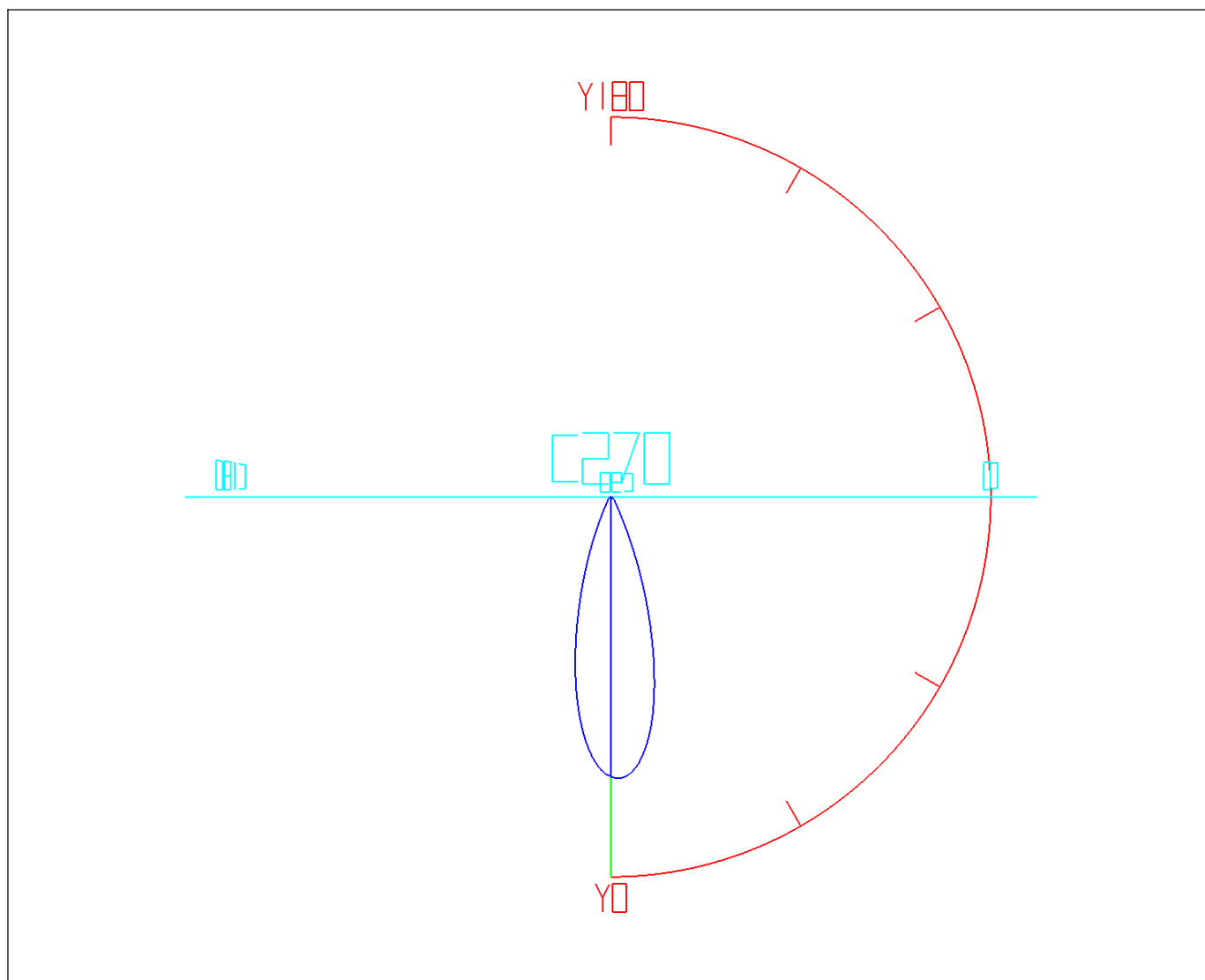
IES Indoor Report

Photometric Filename:MD13-06-XX-01 2700K 90RA 30D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD13-06-XX-01 2700K 90RA 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/13

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

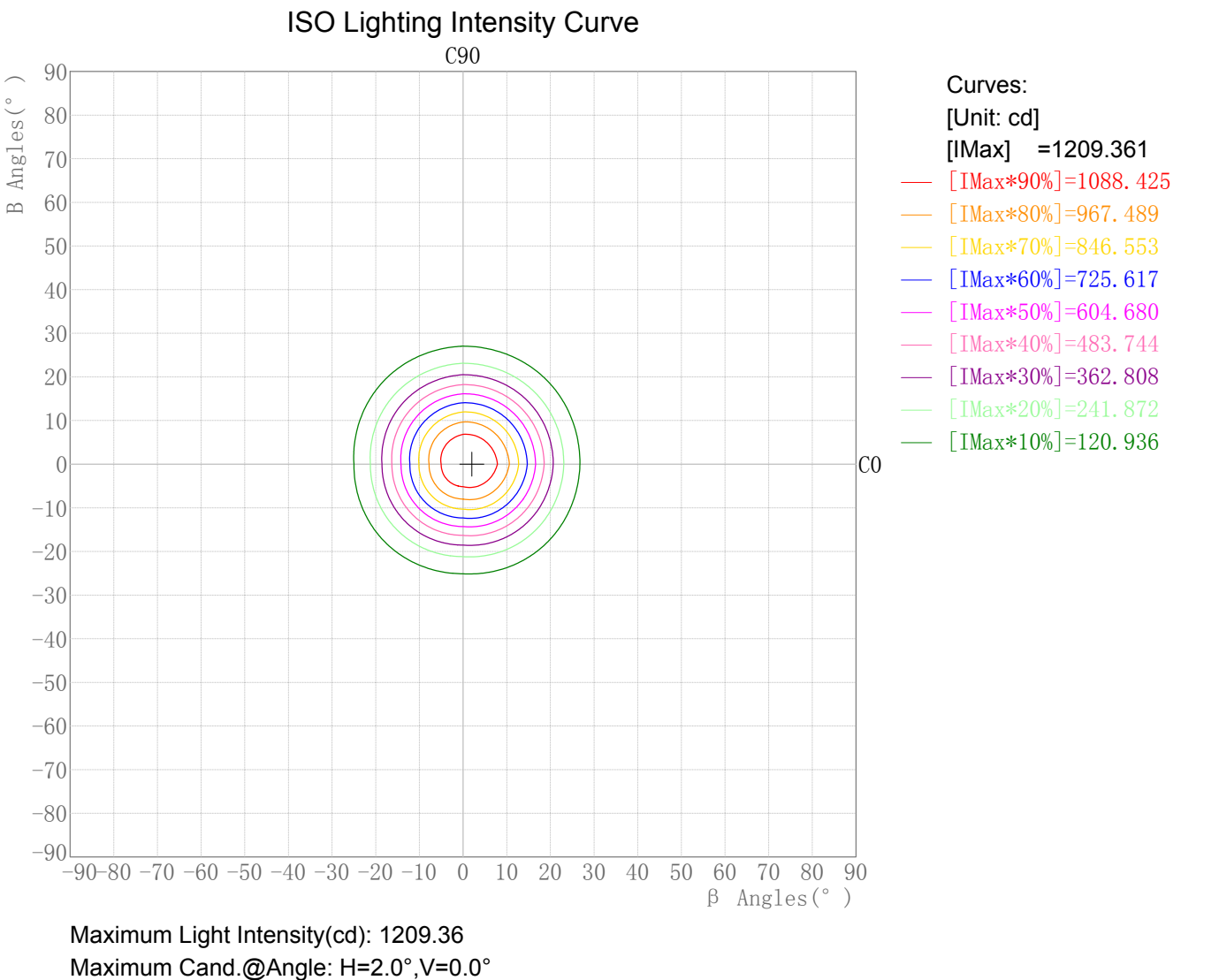
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.15	1.15	0.27	0.27	47.0-48.0	1.50	380.18	0.35	89.91
1.0-2.0	3.42	4.57	0.81	1.08	48.0-49.0	1.45	381.63	0.34	90.25
2.0-3.0	5.65	10.22	1.34	2.42	49.0-50.0	1.41	383.04	0.33	90.59
3.0-4.0	7.78	18.00	1.84	4.26	50.0-51.0	1.36	384.40	0.32	90.91
4.0-5.0	9.80	27.80	2.32	6.57	51.0-52.0	1.30	385.70	0.31	91.21
5.0-6.0	11.66	39.46	2.76	9.33	52.0-53.0	1.25	386.95	0.30	91.51
6.0-7.0	13.33	52.79	3.15	12.48	53.0-54.0	1.19	388.14	0.28	91.79
7.0-8.0	14.80	67.59	3.50	15.99	54.0-55.0	1.13	389.28	0.27	92.06
8.0-9.0	16.04	83.63	3.79	19.78	55.0-56.0	1.08	390.35	0.25	92.32
9.0-10.0	17.04	100.67	4.03	23.81	56.0-57.0	1.02	391.38	0.24	92.56
10.0-11.0	17.77	118.44	4.20	28.01	57.0-58.0	0.97	392.34	0.23	92.79
11.0-12.0	18.22	136.65	4.31	32.32	58.0-59.0	0.92	393.26	0.22	93.00
12.0-13.0	18.39	155.05	4.35	36.67	59.0-60.0	0.87	394.13	0.21	93.21
13.0-14.0	18.31	173.36	4.33	41.00	60.0-61.0	0.82	394.95	0.19	93.40
14.0-15.0	17.98	191.33	4.25	45.25	61.0-62.0	0.78	395.73	0.18	93.59
15.0-16.0	17.42	208.75	4.12	49.37	62.0-63.0	0.74	396.47	0.18	93.76
16.0-17.0	16.67	225.42	3.94	53.31	63.0-64.0	0.70	397.18	0.17	93.93
17.0-18.0	15.74	241.16	3.72	57.03	64.0-65.0	0.67	397.85	0.16	94.09
18.0-19.0	14.69	255.85	3.47	60.51	65.0-66.0	0.64	398.49	0.15	94.24
19.0-20.0	13.52	269.37	3.20	63.70	66.0-67.0	0.61	399.10	0.14	94.38
20.0-21.0	12.27	281.64	2.90	66.60	67.0-68.0	0.58	399.68	0.14	94.52
21.0-22.0	10.98	292.62	2.60	69.20	68.0-69.0	0.56	400.24	0.13	94.65
22.0-23.0	9.70	302.32	2.29	71.50	69.0-70.0	0.53	400.77	0.13	94.78
23.0-24.0	8.48	310.80	2.00	73.50	70.0-71.0	0.51	401.27	0.12	94.90
24.0-25.0	7.34	318.14	1.74	75.24	71.0-72.0	0.48	401.75	0.11	95.01
25.0-26.0	6.34	324.48	1.50	76.74	72.0-73.0	0.46	402.22	0.11	95.12
26.0-27.0	5.48	329.96	1.30	78.03	73.0-74.0	0.44	402.66	0.10	95.23
27.0-28.0	4.76	334.72	1.13	79.16	74.0-75.0	0.43	403.09	0.10	95.33
28.0-29.0	4.18	338.90	0.99	80.15	75.0-76.0	0.41	403.50	0.10	95.42
29.0-30.0	3.71	342.61	0.88	81.02	76.0-77.0	0.40	403.90	0.09	95.52
30.0-31.0	3.34	345.94	0.79	81.81	77.0-78.0	0.39	404.29	0.09	95.61
31.0-32.0	3.03	348.98	0.72	82.53	78.0-79.0	0.38	404.66	0.09	95.70
32.0-33.0	2.79	351.77	0.66	83.19	79.0-80.0	0.37	405.03	0.09	95.79
33.0-34.0	2.58	354.35	0.61	83.80	80.0-81.0	0.36	405.39	0.08	95.87
34.0-35.0	2.41	356.76	0.57	84.37	81.0-82.0	0.35	405.74	0.08	95.95
35.0-36.0	2.26	359.02	0.54	84.90	82.0-83.0	0.34	406.07	0.08	96.03
36.0-37.0	2.14	361.16	0.51	85.41	83.0-84.0	0.33	406.40	0.08	96.11
37.0-38.0	2.04	363.20	0.48	85.89	84.0-85.0	0.31	406.71	0.07	96.18
38.0-39.0	1.95	365.15	0.46	86.35	85.0-86.0	0.30	407.01	0.07	96.26
39.0-40.0	1.87	367.02	0.44	86.80	86.0-87.0	0.29	407.31	0.07	96.32
40.0-41.0	1.81	368.83	0.43	87.22	87.0-88.0	0.28	407.58	0.07	96.39
41.0-42.0	1.75	370.58	0.41	87.64	88.0-89.0	0.27	407.85	0.06	96.45
42.0-43.0	1.70	372.28	0.40	88.04	89.0-90.0	0.26	408.11	0.06	96.51
43.0-44.0	1.66	373.94	0.39	88.43	90.0-91.0	0.25	408.36	0.06	96.57
44.0-45.0	1.62	375.56	0.38	88.82	91.0-92.0	0.24	408.60	0.06	96.63
45.0-46.0	1.58	377.14	0.37	89.19	92.0-93.0	0.24	408.84	0.06	96.69
46.0-47.0	1.54	378.68	0.36	89.55	93.0-94.0	0.24	409.07	0.06	96.74

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	0.23	409.31	0.05	96.80	141.0-142.0	0.19	418.07	0.05	98.87
95.0-96.0	0.23	409.53	0.05	96.85	142.0-143.0	0.19	418.27	0.05	98.92
96.0-97.0	0.23	409.76	0.05	96.90	143.0-144.0	0.19	418.46	0.05	98.96
97.0-98.0	0.22	409.98	0.05	96.96	144.0-145.0	0.19	418.65	0.05	99.01
98.0-99.0	0.22	410.20	0.05	97.01	145.0-146.0	0.19	418.85	0.05	99.05
99.0-100.0	0.22	410.42	0.05	97.06	146.0-147.0	0.19	419.04	0.05	99.10
100.0-101.0	0.21	410.63	0.05	97.11	147.0-148.0	0.19	419.23	0.05	99.14
101.0-102.0	0.21	410.84	0.05	97.16	148.0-149.0	0.19	419.42	0.05	99.19
102.0-103.0	0.21	411.05	0.05	97.21	149.0-150.0	0.19	419.61	0.05	99.23
103.0-104.0	0.20	411.25	0.05	97.26	150.0-151.0	0.19	419.80	0.04	99.28
104.0-105.0	0.20	411.46	0.05	97.31	151.0-152.0	0.19	419.99	0.04	99.32
105.0-106.0	0.20	411.66	0.05	97.35	152.0-153.0	0.18	420.17	0.04	99.37
106.0-107.0	0.20	411.85	0.05	97.40	153.0-154.0	0.18	420.35	0.04	99.41
107.0-108.0	0.19	412.05	0.05	97.45	154.0-155.0	0.18	420.53	0.04	99.45
108.0-109.0	0.19	412.24	0.05	97.49	155.0-156.0	0.17	420.70	0.04	99.49
109.0-110.0	0.19	412.43	0.04	97.54	156.0-157.0	0.17	420.87	0.04	99.53
110.0-111.0	0.19	412.62	0.04	97.58	157.0-158.0	0.16	421.03	0.04	99.57
111.0-112.0	0.19	412.80	0.04	97.62	158.0-159.0	0.16	421.18	0.04	99.61
112.0-113.0	0.18	412.99	0.04	97.67	159.0-160.0	0.15	421.34	0.04	99.64
113.0-114.0	0.18	413.17	0.04	97.71	160.0-161.0	0.14	421.48	0.03	99.68
114.0-115.0	0.18	413.35	0.04	97.75	161.0-162.0	0.14	421.62	0.03	99.71
115.0-116.0	0.18	413.52	0.04	97.79	162.0-163.0	0.13	421.75	0.03	99.74
116.0-117.0	0.18	413.70	0.04	97.84	163.0-164.0	0.12	421.87	0.03	99.77
117.0-118.0	0.17	413.87	0.04	97.88	164.0-165.0	0.12	421.99	0.03	99.80
118.0-119.0	0.17	414.05	0.04	97.92	165.0-166.0	0.11	422.10	0.03	99.82
119.0-120.0	0.17	414.22	0.04	97.96	166.0-167.0	0.10	422.20	0.02	99.85
120.0-121.0	0.17	414.39	0.04	98.00	167.0-168.0	0.09	422.30	0.02	99.87
121.0-122.0	0.17	414.55	0.04	98.04	168.0-169.0	0.09	422.39	0.02	99.89
122.0-123.0	0.17	414.72	0.04	98.08	169.0-170.0	0.08	422.47	0.02	99.91
123.0-124.0	0.17	414.89	0.04	98.12	170.0-171.0	0.07	422.54	0.02	99.93
124.0-125.0	0.17	415.06	0.04	98.16	171.0-172.0	0.06	422.60	0.02	99.94
125.0-126.0	0.17	415.22	0.04	98.20	172.0-173.0	0.06	422.66	0.01	99.96
126.0-127.0	0.17	415.39	0.04	98.24	173.0-174.0	0.05	422.71	0.01	99.97
127.0-128.0	0.17	415.56	0.04	98.28	174.0-175.0	0.04	422.75	0.01	99.98
128.0-129.0	0.17	415.73	0.04	98.32	175.0-176.0	0.03	422.79	0.01	99.98
129.0-130.0	0.17	415.90	0.04	98.36	176.0-177.0	0.03	422.81	0.01	99.99
130.0-131.0	0.17	416.07	0.04	98.40	177.0-178.0	0.02	422.83	0.00	100.00
131.0-132.0	0.17	416.24	0.04	98.44	178.0-179.0	0.01	422.84	0.00	100.00
132.0-133.0	0.17	416.42	0.04	98.48	179.0-180.0	0.00	422.85	0.00	100.00
133.0-134.0	0.18	416.59	0.04	98.52					
134.0-135.0	0.18	416.77	0.04	98.56					
135.0-136.0	0.18	416.95	0.04	98.61					
136.0-137.0	0.18	417.14	0.04	98.65					
137.0-138.0	0.18	417.32	0.04	98.69					
138.0-139.0	0.19	417.51	0.04	98.74					
139.0-140.0	0.19	417.69	0.04	98.78					
140.0-141.0	0.19	417.88	0.04	98.83					

Rectangle ISO Lighting Intensity Diagram

Lum. Name:MD13-06-XX-01 2700K 90RA 30D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/13



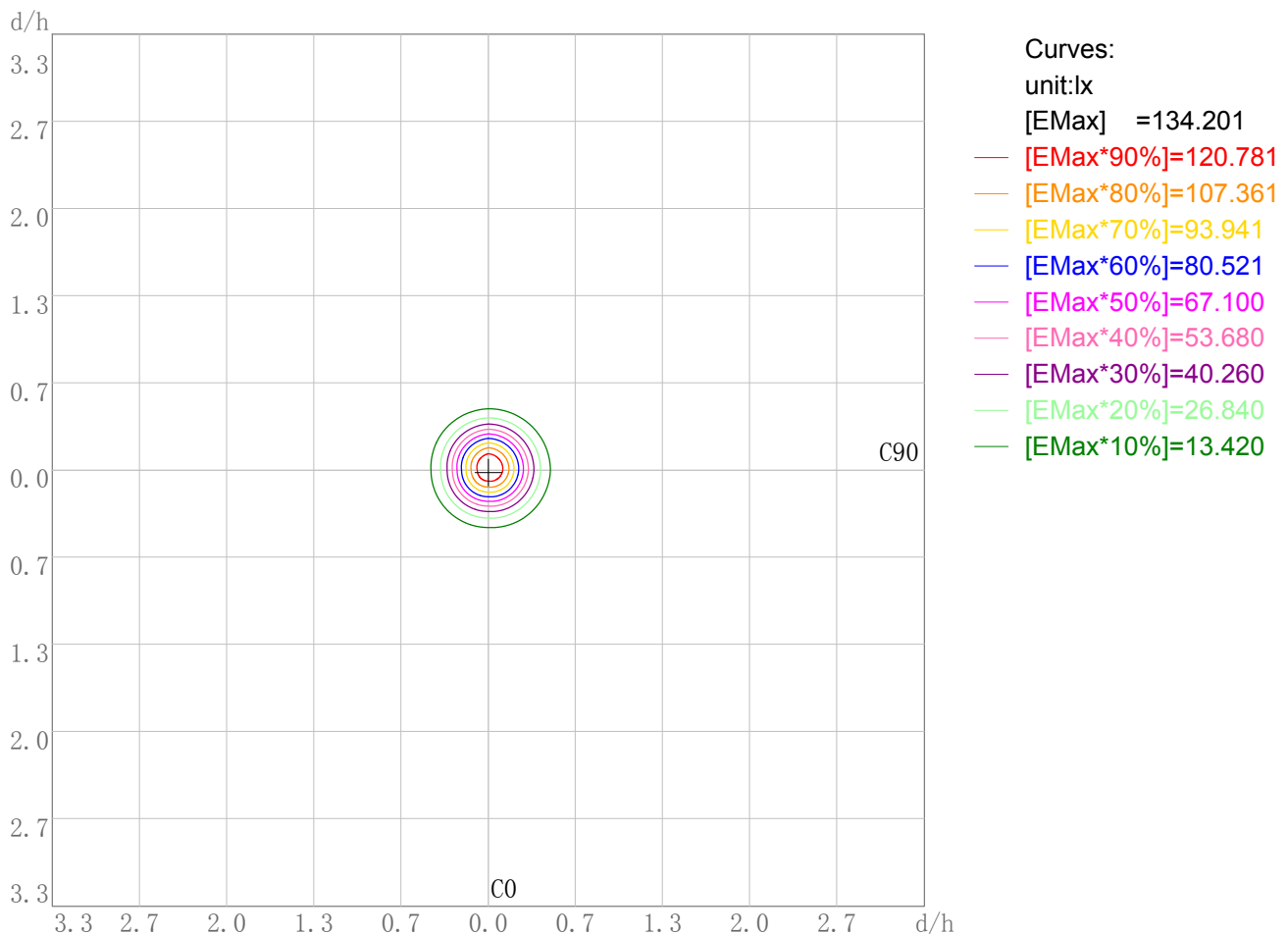
IES Indoor Report

Photometric Filename:MD13-06-XX-01 2700K 90RA 30D.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD13-06-XX-01 2700K 90RA 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/13

Plane ISO-Illuminance Curve



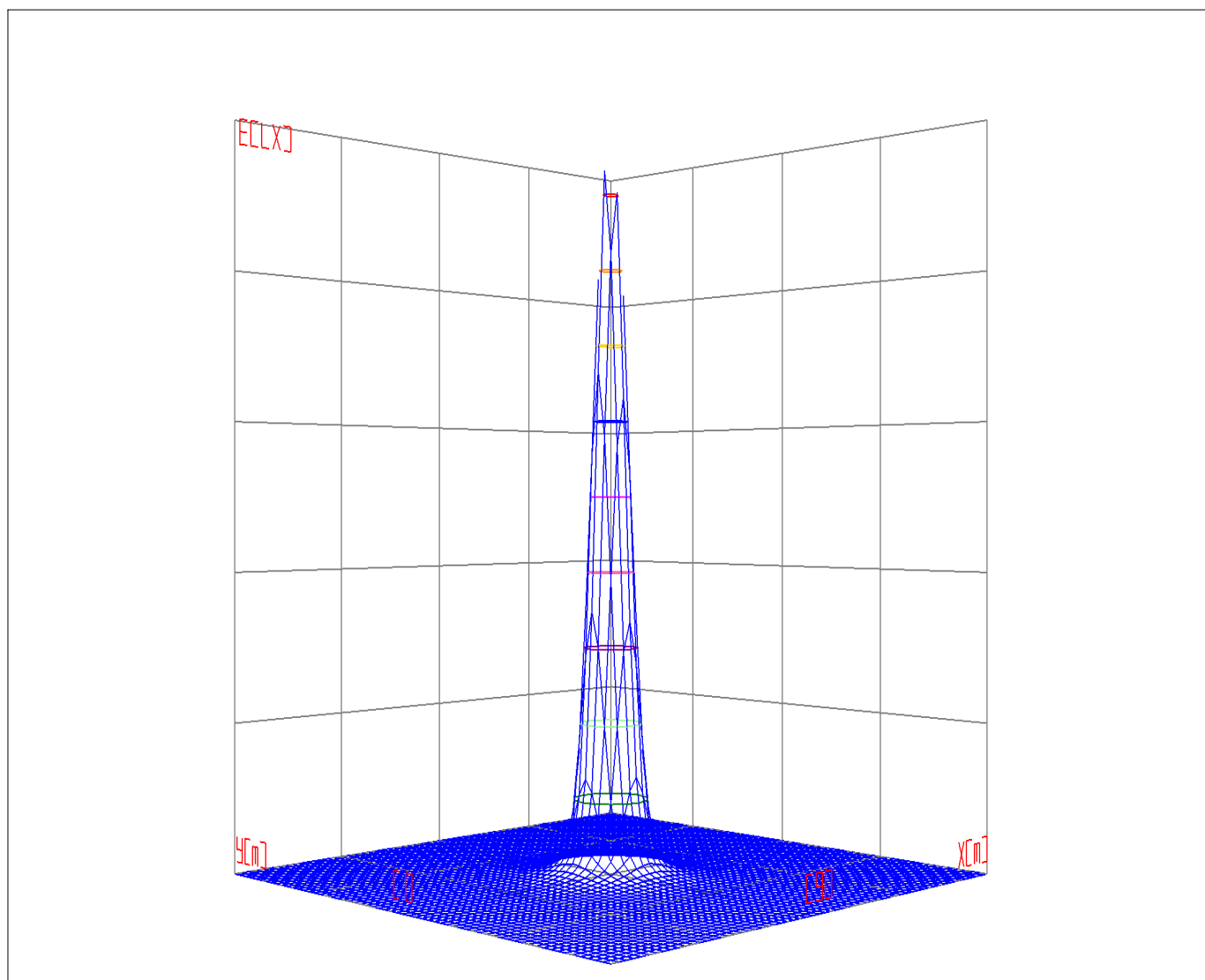
IES Indoor Report

Photometric Filename:MD13-06-XX-01 2700K 90RA 30D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD13-06-XX-01 2700K 90RA 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/13

3D Plane Illuminance Modal

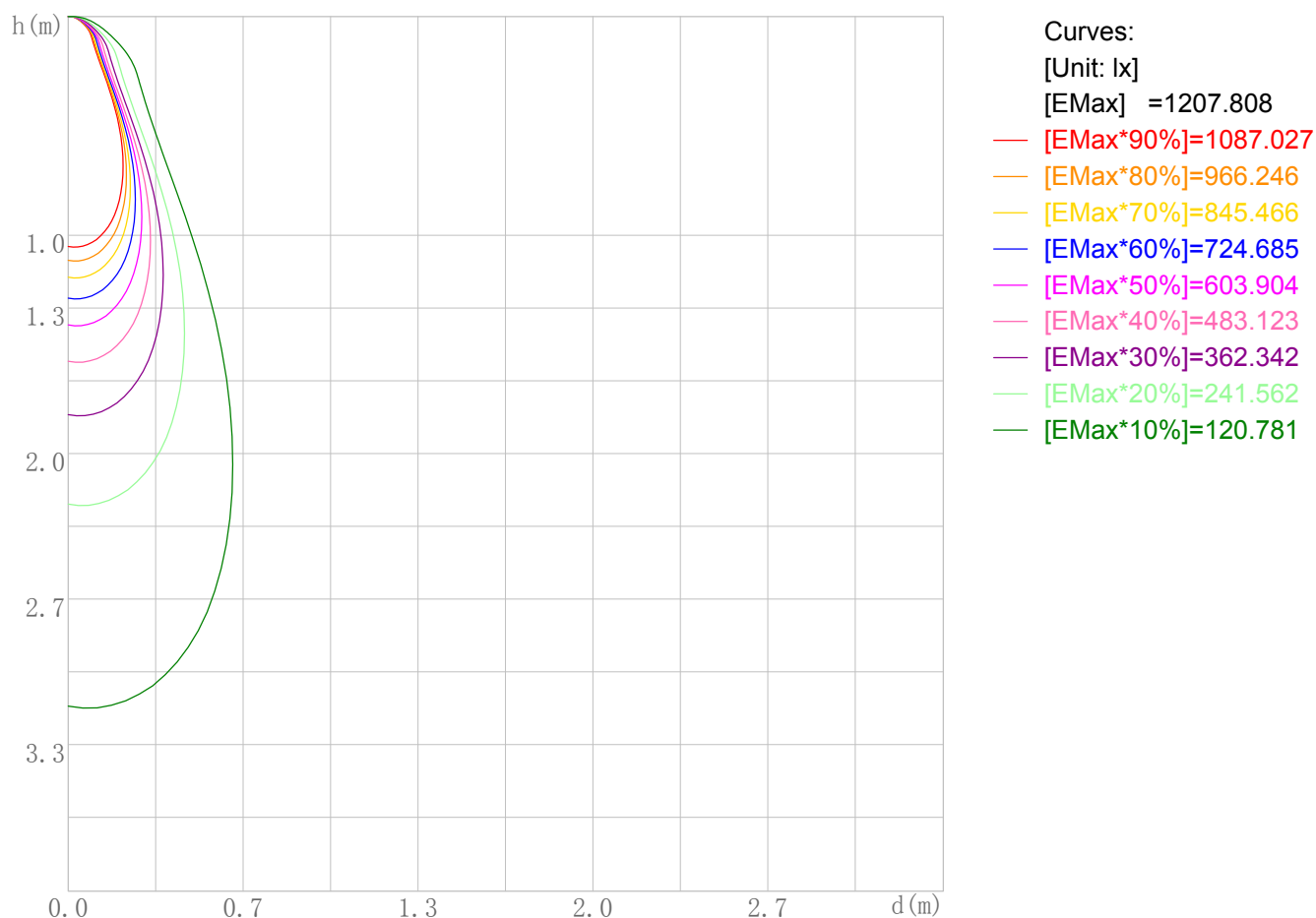


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD13-06-XX-01 2700K 90RA 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/13

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1207.81lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:1209.361cd,0deg

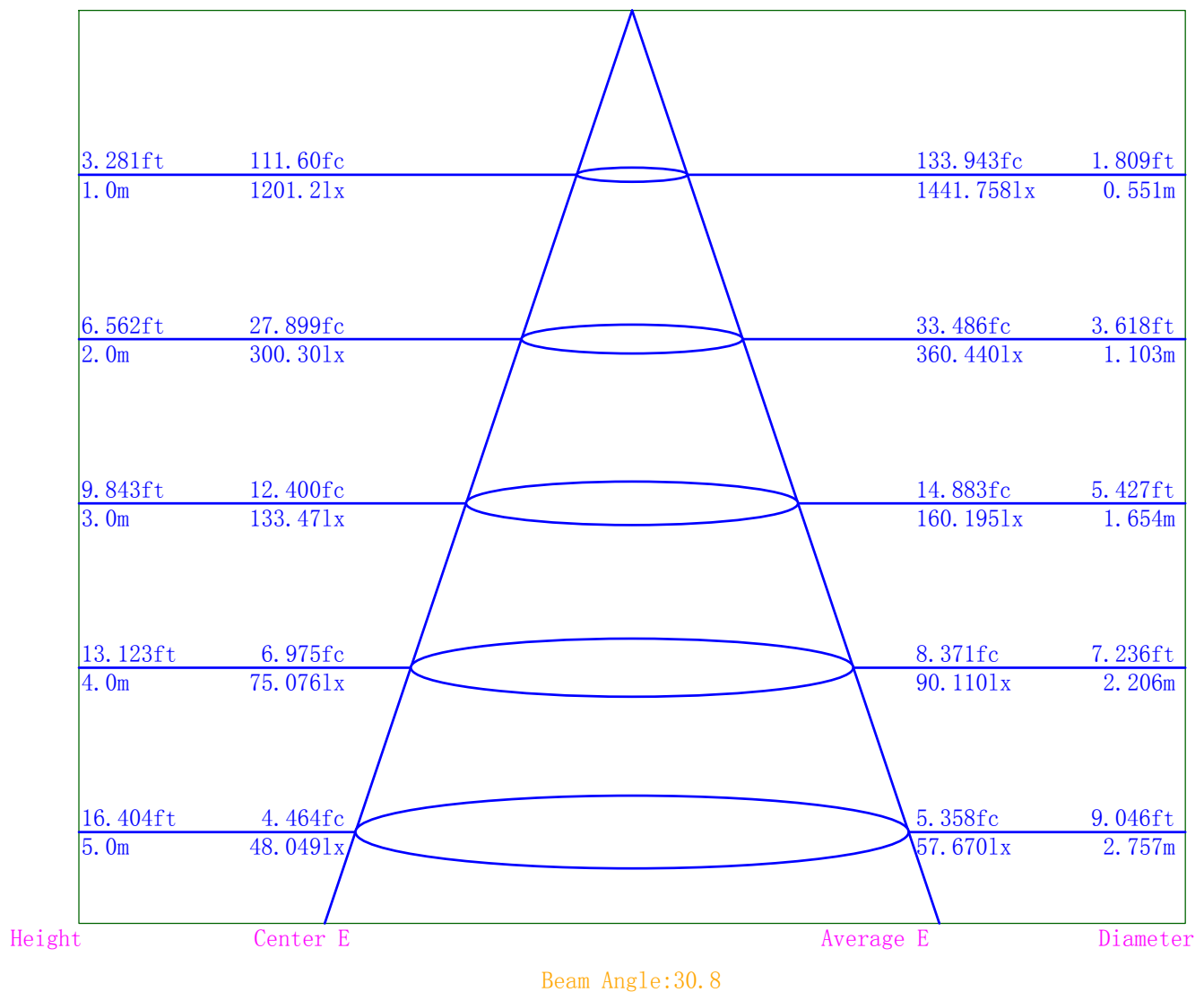
IES Indoor Report

Photometric Filename:MD13-06-XX-01 2700K 90RA 30D.IES

Illuminance-Distance Diagram

Lum. Name: MD13-06-XX-01 2700K 90RA 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/13

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD13-06-XX-01 2700K 90RA 30D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD13-06-XX-01 2700K 90RA 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/13

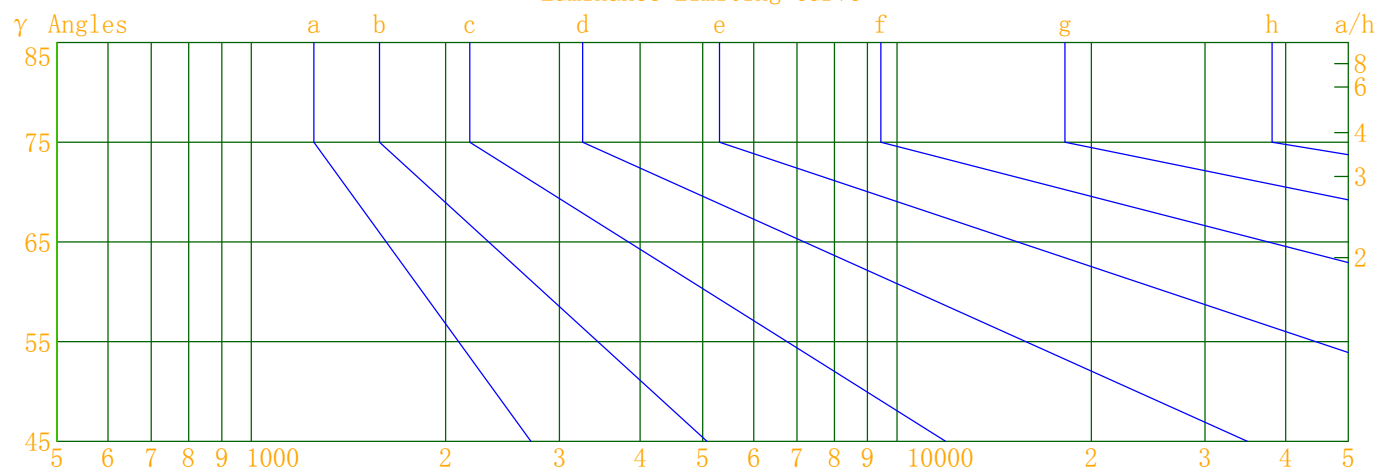
Glare Grade Table

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	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

Luminance Limiting Curve



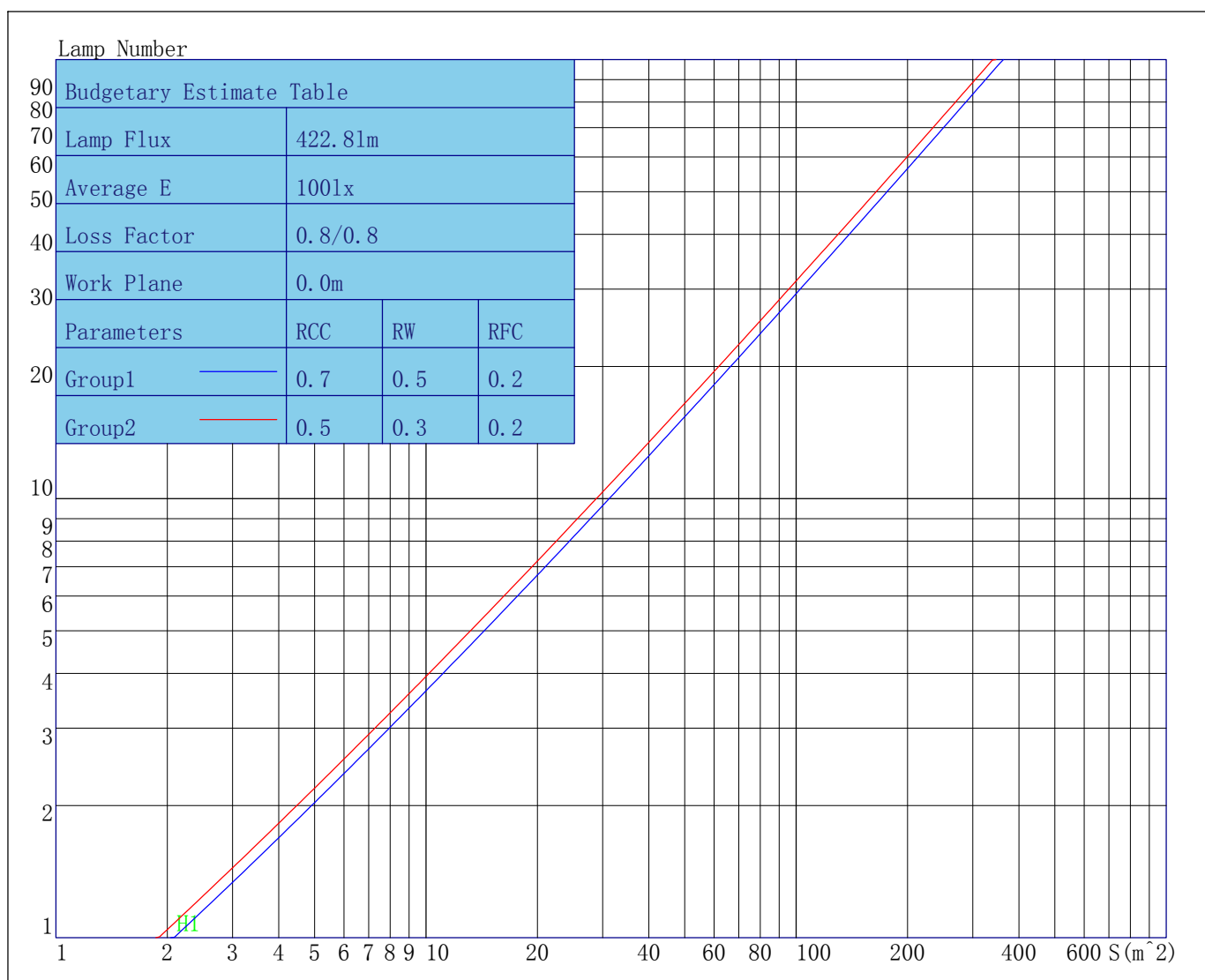
Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m^2)=0.000000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD13-06-XX-01 2700K 90RA 30D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD13-06-XX-01 2700K 90RA 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/13



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: MD13-06-XX-01 2700K 90RA 30D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/13

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	109	109	109	104	104	104	99	99	99	97
1	113	110	108	105	110	108	105	103	103	101	100	99	97	96	95	94	93	91
2	108	103	99	96	105	101	98	95	97	95	92	94	92	90	91	89	87	86
3	103	97	93	89	101	96	92	88	93	89	86	90	87	85	87	85	83	81
4	99	92	87	83	97	91	86	83	88	84	81	86	83	80	84	81	79	77
5	95	88	83	79	93	87	82	78	84	80	77	82	79	76	81	78	75	74
6	91	84	78	75	90	83	78	74	81	77	74	79	76	73	78	75	72	71
7	88	80	75	71	87	79	74	71	78	73	70	76	73	70	75	72	69	68
8	85	77	72	68	84	76	71	68	75	71	68	74	70	67	72	69	67	65
9	82	74	69	66	81	73	69	65	72	68	65	71	67	65	70	67	64	63
10	79	71	66	63	78	71	66	63	70	65	63	69	65	62	68	64	62	61

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, Y) at various heights, followed by variations with observer position and UGR table details.

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	1201.21	1201.21	1201.21	1201.21
γ 1.0	1208.36	1198.07	1191.77	1188.86
γ 2.0	1209.36	1194.02	1175.25	1175.22
γ 3.0	1202.75	1183.70	1151.31	1153.27
γ 4.0	1191.47	1167.36	1122.79	1126.87
γ 5.0	1172.83	1144.94	1089.35	1094.04
γ 6.0	1150.24	1116.82	1049.83	1056.14
γ 7.0	1119.00	1082.65	1005.16	1013.69
γ 8.0	1083.82	1043.34	957.59	967.18
γ 9.0	1042.68	999.75	906.92	916.38
γ 10.0	997.67	951.55	852.42	863.22
γ 11.0	946.63	899.28	795.33	805.74
γ 12.0	890.63	844.99	737.08	745.85
γ 13.0	831.64	787.84	676.92	684.26
γ 14.0	770.53	730.39	617.65	622.84
γ 15.0	707.46	670.77	557.91	560.31
γ 16.0	643.91	612.47	500.57	501.56
γ 17.0	579.68	553.74	444.60	444.42
γ 18.0	517.84	496.86	391.96	390.34
γ 19.0	457.70	441.18	341.56	339.34
γ 20.0	399.60	388.03	294.71	292.14
γ 21.0	343.67	337.69	251.21	248.88
γ 22.0	292.11	290.15	211.95	210.66
γ 23.0	244.78	246.66	176.70	176.77
γ 24.0	203.44	208.15	146.37	147.81
γ 25.0	167.79	174.38	120.85	123.23
γ 26.0	138.98	145.82	100.12	102.90
γ 27.0	115.52	121.85	83.66	86.67
γ 28.0	97.15	102.42	70.87	73.93
γ 29.0	82.69	86.99	60.78	63.92
γ 30.0	71.61	74.87	52.83	56.02
γ 31.0	62.94	65.26	46.44	49.56
γ 32.0	56.06	57.63	41.26	44.44
γ 33.0	50.42	51.44	37.02	40.12
γ 34.0	45.80	46.33	33.53	36.57
γ 35.0	41.87	42.09	30.60	33.54
γ 36.0	38.60	38.49	28.20	31.01
γ 37.0	35.86	35.43	26.15	28.86
γ 38.0	33.52	32.81	24.45	27.10
γ 39.0	31.48	30.50	22.99	25.56
γ 40.0	29.72	28.54	21.79	24.27
γ 41.0	28.13	26.80	20.72	23.14
γ 42.0	26.75	25.28	19.83	22.16
γ 43.0	25.51	23.97	19.04	21.27
γ 44.0	24.40	22.78	18.37	20.46
γ 45.0	23.36	21.70	17.72	19.66
γ 46.0	22.39	20.66	17.14	18.91

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	21.44	19.67	16.54	18.14
γ 48.0	20.49	18.74	15.92	17.38
γ 49.0	19.52	17.79	15.27	16.61
γ 50.0	18.54	16.85	14.60	15.84
γ 51.0	17.54	15.94	13.91	15.06
γ 52.0	16.54	15.04	13.21	14.30
γ 53.0	15.56	14.14	12.47	13.54
γ 54.0	14.62	13.28	11.76	12.80
γ 55.0	13.70	12.43	11.05	12.05
γ 56.0	12.80	11.63	10.38	11.36
γ 57.0	11.96	10.86	9.73	10.69
γ 58.0	11.18	10.15	9.11	10.08
γ 59.0	10.44	9.47	8.53	9.49
γ 60.0	9.77	8.86	7.98	8.94
γ 61.0	9.13	8.27	7.49	8.44
γ 62.0	8.57	7.76	7.06	7.99
γ 63.0	8.06	7.28	6.64	7.56
γ 64.0	7.61	6.85	6.28	7.17
γ 65.0	7.18	6.45	5.93	6.80
γ 66.0	6.80	6.08	5.60	6.46
γ 67.0	6.45	5.74	5.28	6.14
γ 68.0	6.13	5.41	5.00	5.83
γ 69.0	5.82	5.11	4.73	5.53
γ 70.0	5.54	4.83	4.46	5.25
γ 71.0	5.26	4.55	4.24	5.00
γ 72.0	5.01	4.30	4.04	4.76
γ 73.0	4.78	4.06	3.85	4.56
γ 74.0	4.58	3.87	3.66	4.36
γ 75.0	4.38	3.69	3.52	4.22
γ 76.0	4.22	3.54	3.39	4.07
γ 77.0	4.08	3.43	3.28	3.95
γ 78.0	3.96	3.32	3.18	3.85
γ 79.0	3.84	3.22	3.07	3.73
γ 80.0	3.74	3.13	2.95	3.63
γ 81.0	3.63	3.03	2.82	3.51
γ 82.0	3.53	2.94	2.68	3.40
γ 83.0	3.43	2.84	2.56	3.30
γ 84.0	3.32	2.76	2.46	3.21
γ 85.0	3.22	2.66	2.35	3.09
γ 86.0	3.11	2.57	2.24	2.94
γ 87.0	2.99	2.46	2.16	2.80
γ 88.0	2.86	2.32	2.09	2.66
γ 89.0	2.75	2.22	2.04	2.53
γ 90.0	2.59	2.08	2.00	2.48
γ 91.0	2.53	2.01	1.98	2.44
γ 92.0	2.49	1.97	1.94	2.40
γ 93.0	2.44	1.95	1.92	2.36

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.41	1.93	1.90	2.32
γ 95.0	2.38	1.90	1.86	2.29
γ 96.0	2.34	1.88	1.84	2.26
γ 97.0	2.31	1.86	1.82	2.23
γ 98.0	2.28	1.84	1.80	2.20
γ 99.0	2.25	1.83	1.78	2.17
γ 100.0	2.22	1.81	1.77	2.15
γ 101.0	2.20	1.79	1.75	2.13
γ 102.0	2.17	1.78	1.74	2.11
γ 103.0	2.15	1.76	1.73	2.08
γ 104.0	2.13	1.74	1.72	2.07
γ 105.0	2.11	1.73	1.71	2.05
γ 106.0	2.09	1.71	1.71	2.03
γ 107.0	2.06	1.69	1.69	2.02
γ 108.0	2.05	1.69	1.68	2.01
γ 109.0	2.02	1.68	1.68	1.99
γ 110.0	2.00	1.67	1.69	1.98
γ 111.0	1.99	1.65	1.67	1.98
γ 112.0	1.96	1.65	1.67	1.97
γ 113.0	1.95	1.64	1.68	1.96
γ 114.0	1.93	1.63	1.68	1.96
γ 115.0	1.91	1.62	1.68	1.96
γ 116.0	1.91	1.61	1.70	1.95
γ 117.0	1.90	1.61	1.70	1.95
γ 118.0	1.88	1.60	1.70	1.96
γ 119.0	1.88	1.60	1.72	1.96
γ 120.0	1.87	1.59	1.73	1.97
γ 121.0	1.88	1.60	1.75	1.98
γ 122.0	1.87	1.61	1.77	2.00
γ 123.0	1.87	1.62	1.79	2.01
γ 124.0	1.87	1.62	1.82	2.04
γ 125.0	1.88	1.64	1.85	2.06
γ 126.0	1.90	1.67	1.90	2.09
γ 127.0	1.92	1.69	1.94	2.13
γ 128.0	1.95	1.72	1.98	2.16
γ 129.0	1.98	1.75	2.03	2.20
γ 130.0	2.00	1.79	2.09	2.25
γ 131.0	2.04	1.83	2.14	2.29
γ 132.0	2.09	1.88	2.20	2.36
γ 133.0	2.13	1.93	2.27	2.41
γ 134.0	2.18	1.98	2.34	2.48
γ 135.0	2.24	2.05	2.41	2.54
γ 136.0	2.30	2.11	2.49	2.61
γ 137.0	2.36	2.18	2.57	2.68
γ 138.0	2.43	2.26	2.64	2.76
γ 139.0	2.49	2.33	2.73	2.84
γ 140.0	2.57	2.41	2.81	2.91

IES Indoor Report

Photometric Filename:MD13-06-XX-01 2700K 90RA 30D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.65	2.48	2.89	2.99
γ 142.0	2.73	2.56	2.97	3.06
γ 143.0	2.81	2.66	3.06	3.15
γ 144.0	2.89	2.74	3.14	3.23
γ 145.0	2.98	2.82	3.22	3.30
γ 146.0	3.05	2.89	3.30	3.37
γ 147.0	3.13	2.98	3.38	3.45
γ 148.0	3.21	3.06	3.45	3.53
γ 149.0	3.29	3.12	3.53	3.59
γ 150.0	3.37	3.21	3.60	3.66
γ 151.0	3.44	3.27	3.66	3.71
γ 152.0	3.51	3.34	3.73	3.77
γ 153.0	3.58	3.40	3.79	3.82
γ 154.0	3.64	3.46	3.83	3.87
γ 155.0	3.70	3.52	3.88	3.90
γ 156.0	3.76	3.58	3.93	3.94
γ 157.0	3.81	3.63	3.96	3.97
γ 158.0	3.86	3.67	4.01	4.00
γ 159.0	3.89	3.72	4.02	4.02
γ 160.0	3.94	3.76	4.04	4.04
γ 161.0	3.97	3.79	4.06	4.05
γ 162.0	3.99	3.82	4.07	4.05
γ 163.0	4.01	3.84	4.08	4.05
γ 164.0	4.02	3.85	4.08	4.05
γ 165.0	4.03	3.87	4.08	4.05
γ 166.0	4.03	3.88	4.07	4.03
γ 167.0	4.03	3.88	4.06	4.03
γ 168.0	4.04	3.89	4.05	4.02
γ 169.0	4.03	3.88	4.04	4.01
γ 170.0	4.04	3.88	4.03	4.00
γ 171.0	4.03	3.88	4.03	3.99
γ 172.0	4.03	3.88	4.03	3.98
γ 173.0	4.03	3.88	4.03	3.98
γ 174.0	4.04	3.88	4.03	3.98
γ 175.0	4.05	3.88	4.05	3.98
γ 176.0	4.05	3.90	4.05	3.99
γ 177.0	4.06	3.90	4.06	4.00
γ 178.0	4.05	3.92	4.06	4.00
γ 179.0	4.07	3.92	4.07	4.01
γ 180.0	4.03	4.03	4.03	4.03