

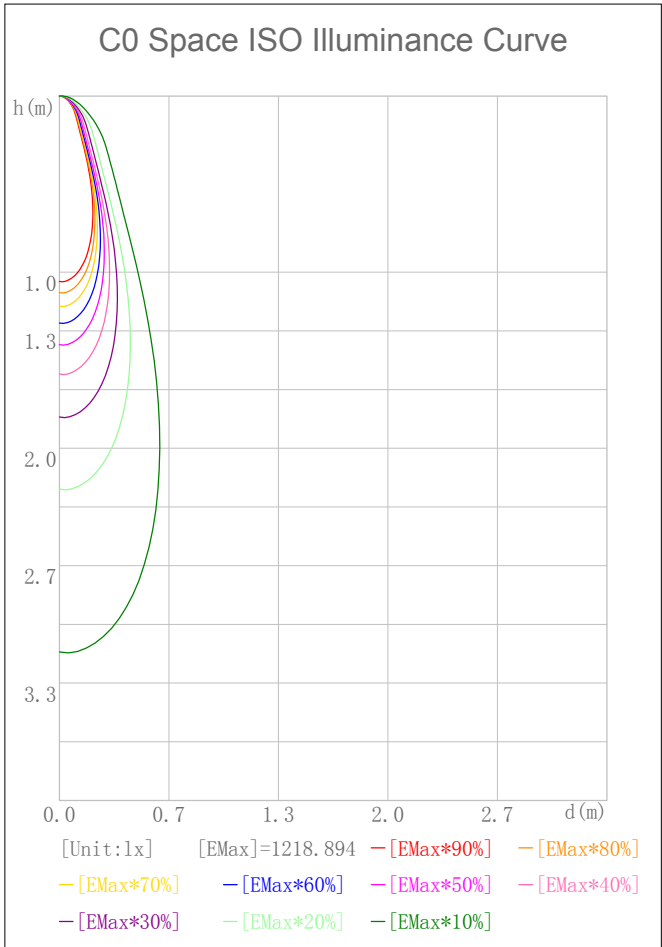
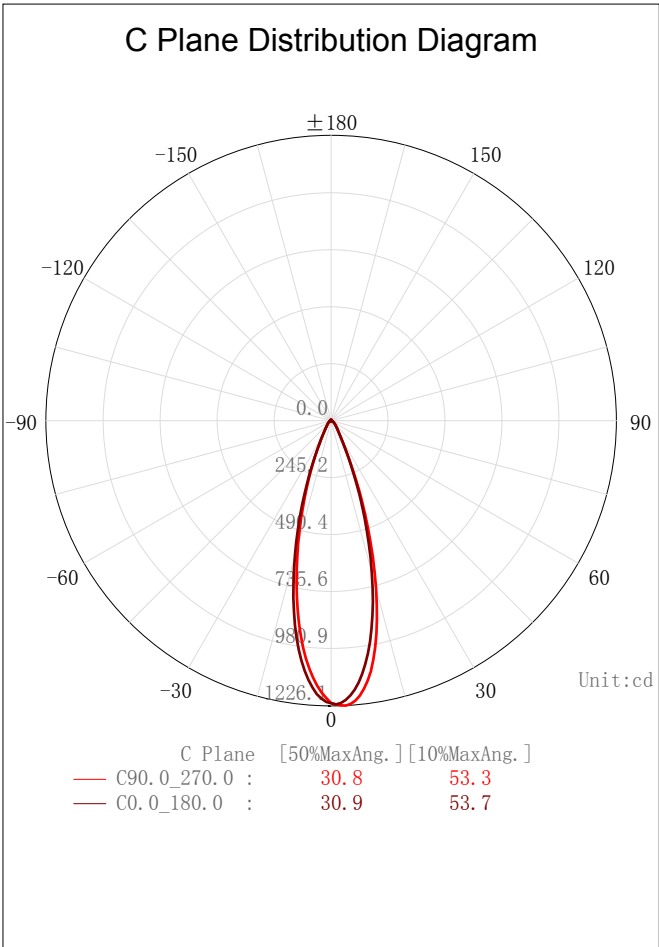
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD13-06-XX-01 4000K RA90 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2020/03/16
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(%):

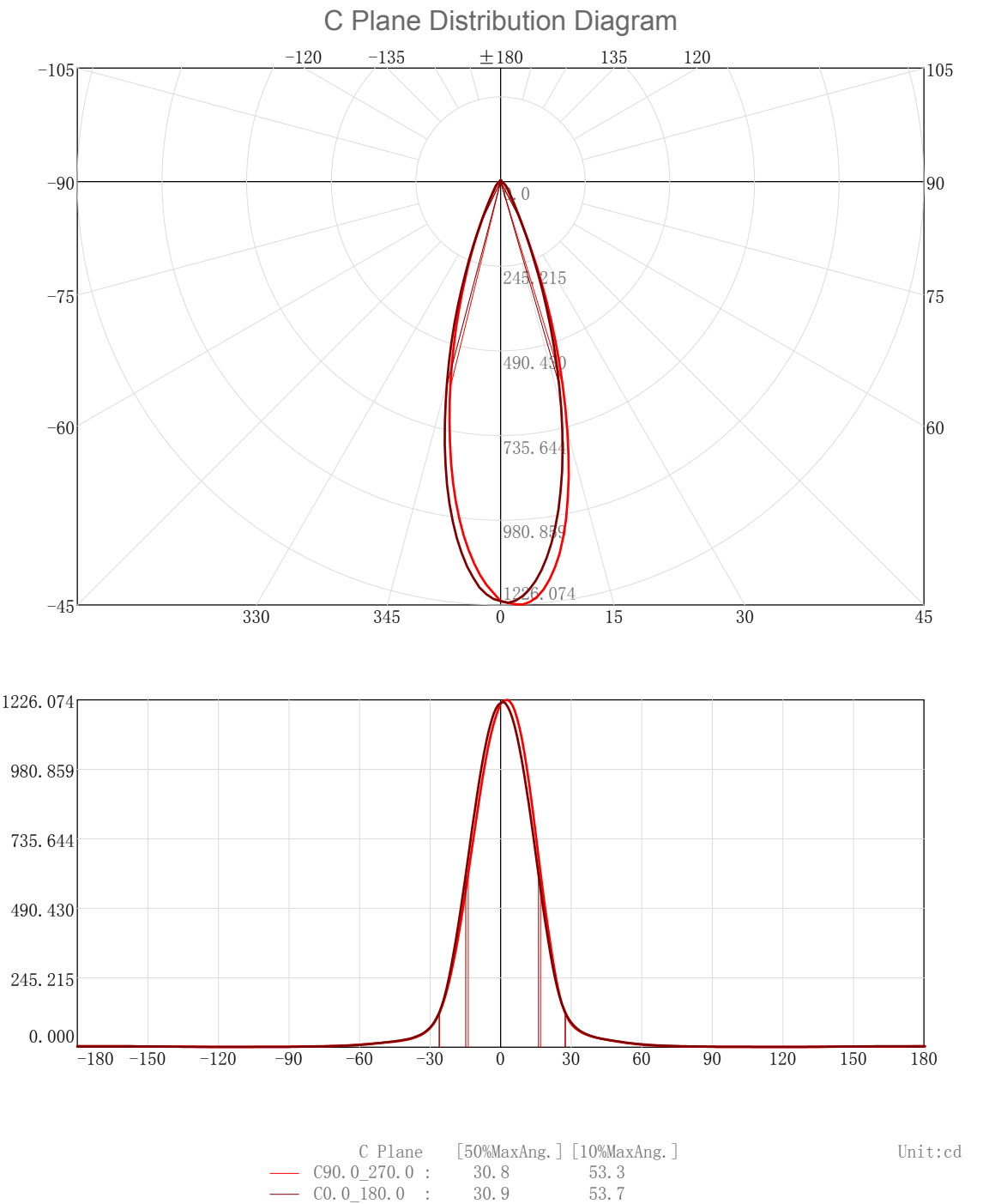
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 444.480	Luminary Flux(lm): 444.485	Field Angle(10%Imax): 53.3(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 431.914lm 97.17%
Rated Voltage(V):	Luminary EER(lm/W): 79.203	Up Lumens&Percent: 12.571lm 2.83%
Tested Power(W): 5.612	Max. Candela(cd): 1226.074	S/MH: C0_a180=0.516 C90_270=0.517
Lamps' Inside: 1	Max Cand@Ang. (°): C=90.0 γ=3.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.8, 0.024	Beam Angle(50%Imax): 30.8(°)	ErP Φ use(90°): 401.328lm
Lamp Size (W*L*H):0.000m*0.000m*0.000m	Left=-13.8°, Right=17.0°	IRF(%): 607.879



2D Plane Light Intensity Distribution Curve

Lum. Name: MD13-06-XX-01 4000K RA90 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: 2020/03/16



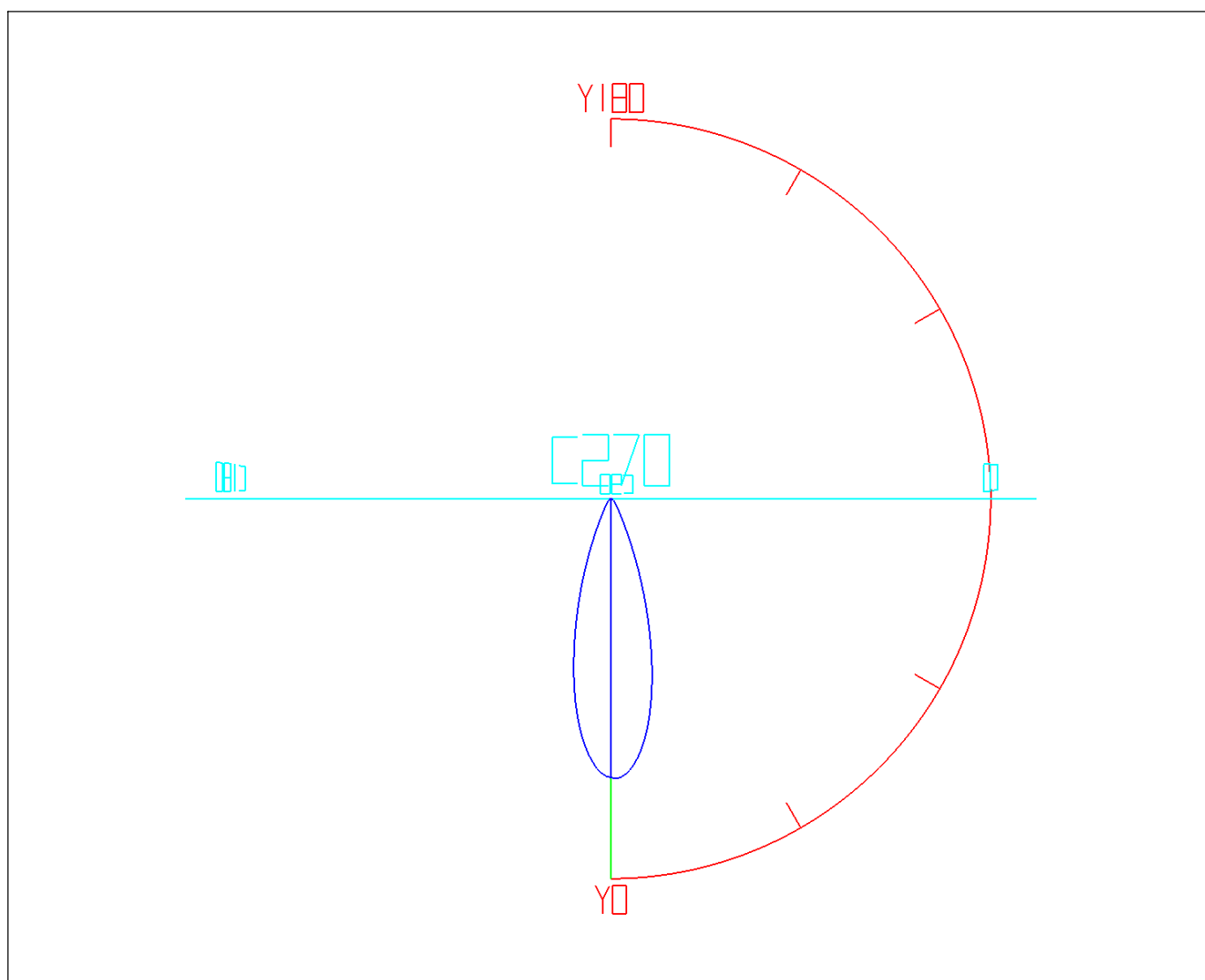
IES Indoor Report

Photometric Filename:MD13-06-XX-01 4000K RA90 30D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD13-06-XX-01 4000K RA90 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: 2020/03/16

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

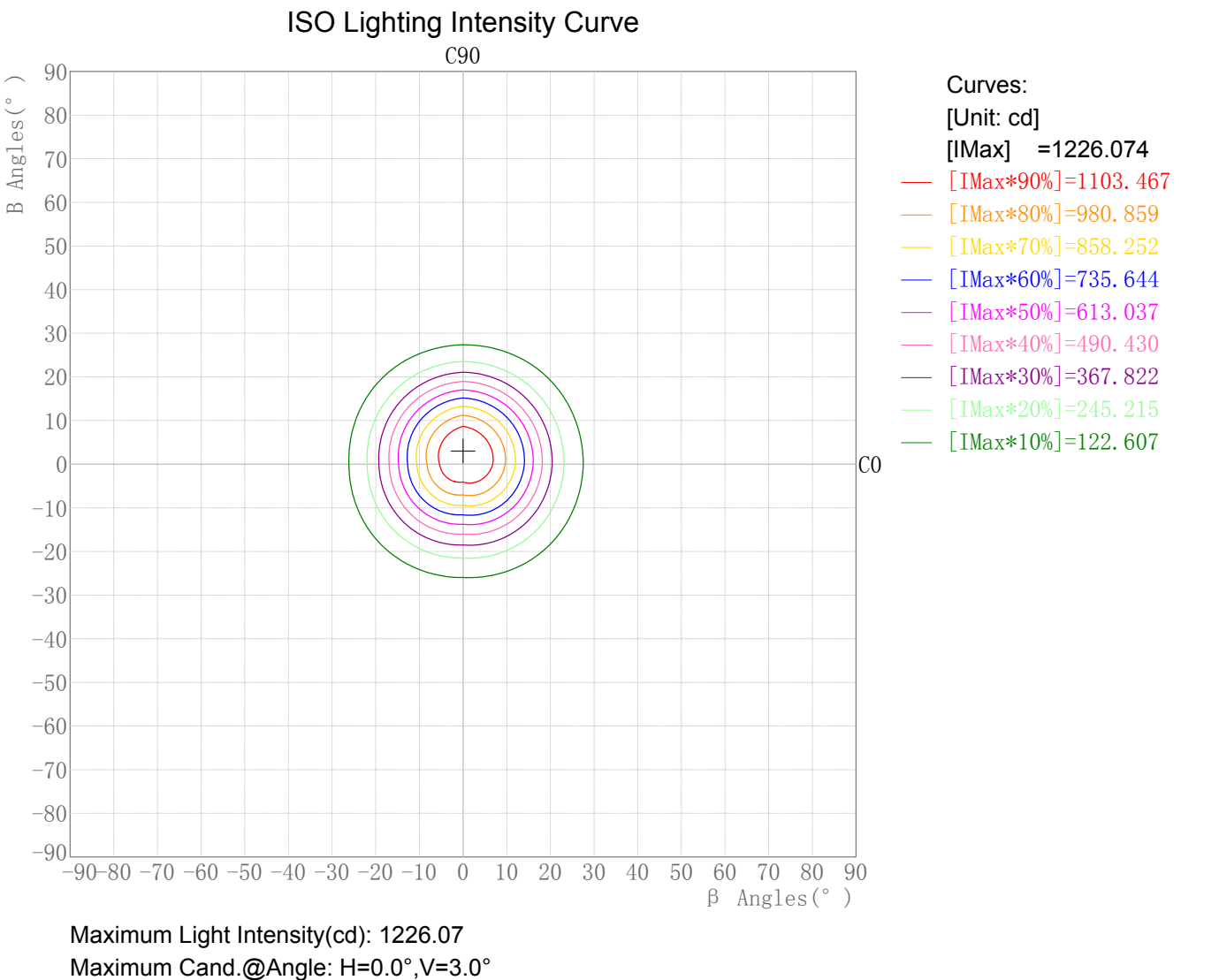
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.16	1.16	0.26	0.26	47.0-48.0	1.71	402.39	0.38	90.53
1.0-2.0	3.46	4.62	0.78	1.04	48.0-49.0	1.65	404.04	0.37	90.90
2.0-3.0	5.71	10.33	1.28	2.32	49.0-50.0	1.58	405.62	0.36	91.26
3.0-4.0	7.87	18.20	1.77	4.09	50.0-51.0	1.51	407.13	0.34	91.60
4.0-5.0	9.91	28.11	2.23	6.32	51.0-52.0	1.45	408.58	0.33	91.92
5.0-6.0	11.80	39.91	2.66	8.98	52.0-53.0	1.38	409.96	0.31	92.23
6.0-7.0	13.51	53.43	3.04	12.02	53.0-54.0	1.31	411.27	0.29	92.53
7.0-8.0	15.02	68.44	3.38	15.40	54.0-55.0	1.24	412.51	0.28	92.81
8.0-9.0	16.30	84.74	3.67	19.07	55.0-56.0	1.18	413.68	0.26	93.07
9.0-10.0	17.33	102.07	3.90	22.96	56.0-57.0	1.11	414.79	0.25	93.32
10.0-11.0	18.08	120.15	4.07	27.03	57.0-58.0	1.05	415.84	0.24	93.56
11.0-12.0	18.57	138.72	4.18	31.21	58.0-59.0	0.99	416.84	0.22	93.78
12.0-13.0	18.78	157.50	4.23	35.44	59.0-60.0	0.94	417.77	0.21	93.99
13.0-14.0	18.74	176.24	4.22	39.65	60.0-61.0	0.88	418.66	0.20	94.19
14.0-15.0	18.46	194.70	4.15	43.80	61.0-62.0	0.84	419.49	0.19	94.38
15.0-16.0	17.94	212.64	4.04	47.84	62.0-63.0	0.79	420.29	0.18	94.56
16.0-17.0	17.24	229.88	3.88	51.72	63.0-64.0	0.75	421.04	0.17	94.73
17.0-18.0	16.36	246.24	3.68	55.40	64.0-65.0	0.71	421.75	0.16	94.89
18.0-19.0	15.35	261.59	3.45	58.85	65.0-66.0	0.68	422.43	0.15	95.04
19.0-20.0	14.22	275.81	3.20	62.05	66.0-67.0	0.64	423.07	0.14	95.18
20.0-21.0	13.01	288.81	2.93	64.98	67.0-68.0	0.61	423.69	0.14	95.32
21.0-22.0	11.76	300.57	2.65	67.62	68.0-69.0	0.58	424.27	0.13	95.45
22.0-23.0	10.50	311.08	2.36	69.99	69.0-70.0	0.55	424.82	0.12	95.58
23.0-24.0	9.30	320.37	2.09	72.08	70.0-71.0	0.52	425.34	0.12	95.69
24.0-25.0	8.18	328.55	1.84	73.92	71.0-72.0	0.50	425.83	0.11	95.81
25.0-26.0	7.17	335.72	1.61	75.53	72.0-73.0	0.47	426.30	0.11	95.91
26.0-27.0	6.30	342.02	1.42	76.95	73.0-74.0	0.45	426.75	0.10	96.01
27.0-28.0	5.56	347.58	1.25	78.20	74.0-75.0	0.43	427.18	0.10	96.11
28.0-29.0	4.95	352.53	1.11	79.31	75.0-76.0	0.41	427.58	0.09	96.20
29.0-30.0	4.45	356.98	1.00	80.31	76.0-77.0	0.39	427.98	0.09	96.29
30.0-31.0	4.05	361.03	0.91	81.22	77.0-78.0	0.38	428.36	0.09	96.37
31.0-32.0	3.71	364.74	0.83	82.06	78.0-79.0	0.37	428.72	0.08	96.45
32.0-33.0	3.42	368.16	0.77	82.83	79.0-80.0	0.35	429.08	0.08	96.53
33.0-34.0	3.18	371.34	0.72	83.54	80.0-81.0	0.34	429.42	0.08	96.61
34.0-35.0	2.97	374.31	0.67	84.21	81.0-82.0	0.33	429.75	0.07	96.69
35.0-36.0	2.79	377.11	0.63	84.84	82.0-83.0	0.32	430.07	0.07	96.76
36.0-37.0	2.64	379.75	0.59	85.44	83.0-84.0	0.30	430.37	0.07	96.83
37.0-38.0	2.50	382.25	0.56	86.00	84.0-85.0	0.29	430.66	0.07	96.89
38.0-39.0	2.38	384.63	0.54	86.53	85.0-86.0	0.28	430.95	0.06	96.96
39.0-40.0	2.28	386.91	0.51	87.05	86.0-87.0	0.27	431.21	0.06	97.01
40.0-41.0	2.19	389.09	0.49	87.54	87.0-88.0	0.25	431.46	0.06	97.07
41.0-42.0	2.10	391.20	0.47	88.01	88.0-89.0	0.23	431.70	0.05	97.12
42.0-43.0	2.03	393.22	0.46	88.47	89.0-90.0	0.22	431.91	0.05	97.17
43.0-44.0	1.96	395.18	0.44	88.91	90.0-91.0	0.21	432.12	0.05	97.22
44.0-45.0	1.90	397.08	0.43	89.34	91.0-92.0	0.21	432.33	0.05	97.27
45.0-46.0	1.83	398.91	0.41	89.75	92.0-93.0	0.20	432.53	0.05	97.31
46.0-47.0	1.77	400.68	0.40	90.15	93.0-94.0	0.20	432.73	0.04	97.36

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	0.19	432.92	0.04	97.40	141.0-142.0	0.17	440.10	0.04	99.02
95.0-96.0	0.19	433.11	0.04	97.44	142.0-143.0	0.17	440.27	0.04	99.05
96.0-97.0	0.19	433.30	0.04	97.48	143.0-144.0	0.17	440.45	0.04	99.09
97.0-98.0	0.18	433.48	0.04	97.53	144.0-145.0	0.17	440.62	0.04	99.13
98.0-99.0	0.18	433.66	0.04	97.57	145.0-146.0	0.17	440.79	0.04	99.17
99.0-100.0	0.18	433.84	0.04	97.61	146.0-147.0	0.17	440.97	0.04	99.21
100.0-101.0	0.17	434.01	0.04	97.64	147.0-148.0	0.17	441.14	0.04	99.25
101.0-102.0	0.17	434.18	0.04	97.68	148.0-149.0	0.17	441.32	0.04	99.29
102.0-103.0	0.17	434.35	0.04	97.72	149.0-150.0	0.17	441.49	0.04	99.33
103.0-104.0	0.17	434.51	0.04	97.76	150.0-151.0	0.17	441.66	0.04	99.37
104.0-105.0	0.16	434.68	0.04	97.79	151.0-152.0	0.17	441.83	0.04	99.40
105.0-106.0	0.16	434.84	0.04	97.83	152.0-153.0	0.17	442.00	0.04	99.44
106.0-107.0	0.16	434.99	0.04	97.87	153.0-154.0	0.17	442.16	0.04	99.48
107.0-108.0	0.16	435.15	0.03	97.90	154.0-155.0	0.16	442.33	0.04	99.52
108.0-109.0	0.15	435.30	0.03	97.94	155.0-156.0	0.16	442.48	0.04	99.55
109.0-110.0	0.15	435.45	0.03	97.97	156.0-157.0	0.15	442.64	0.03	99.59
110.0-111.0	0.15	435.60	0.03	98.00	157.0-158.0	0.15	442.79	0.03	99.62
111.0-112.0	0.15	435.75	0.03	98.04	158.0-159.0	0.15	442.93	0.03	99.65
112.0-113.0	0.15	435.90	0.03	98.07	159.0-160.0	0.14	443.07	0.03	99.68
113.0-114.0	0.14	436.04	0.03	98.10	160.0-161.0	0.13	443.21	0.03	99.71
114.0-115.0	0.14	436.18	0.03	98.13	161.0-162.0	0.13	443.34	0.03	99.74
115.0-116.0	0.14	436.32	0.03	98.16	162.0-163.0	0.12	443.46	0.03	99.77
116.0-117.0	0.14	436.46	0.03	98.20	163.0-164.0	0.12	443.58	0.03	99.80
117.0-118.0	0.14	436.60	0.03	98.23	164.0-165.0	0.11	443.69	0.02	99.82
118.0-119.0	0.14	436.73	0.03	98.26	165.0-166.0	0.10	443.79	0.02	99.84
119.0-120.0	0.14	436.87	0.03	98.29	166.0-167.0	0.10	443.88	0.02	99.87
120.0-121.0	0.14	437.00	0.03	98.32	167.0-168.0	0.09	443.97	0.02	99.89
121.0-122.0	0.13	437.14	0.03	98.35	168.0-169.0	0.08	444.05	0.02	99.90
122.0-123.0	0.13	437.27	0.03	98.38	169.0-170.0	0.07	444.13	0.02	99.92
123.0-124.0	0.13	437.41	0.03	98.41	170.0-171.0	0.07	444.20	0.02	99.94
124.0-125.0	0.14	437.54	0.03	98.44	171.0-172.0	0.06	444.26	0.01	99.95
125.0-126.0	0.14	437.68	0.03	98.47	172.0-173.0	0.05	444.31	0.01	99.96
126.0-127.0	0.14	437.82	0.03	98.50	173.0-174.0	0.05	444.36	0.01	99.97
127.0-128.0	0.14	437.95	0.03	98.53	174.0-175.0	0.04	444.39	0.01	99.98
128.0-129.0	0.14	438.09	0.03	98.56	175.0-176.0	0.03	444.43	0.01	99.99
129.0-130.0	0.14	438.23	0.03	98.59	176.0-177.0	0.03	444.45	0.01	99.99
130.0-131.0	0.14	438.38	0.03	98.63	177.0-178.0	0.02	444.47	0.00	100.00
131.0-132.0	0.14	438.52	0.03	98.66	178.0-179.0	0.01	444.48	0.00	100.00
132.0-133.0	0.15	438.67	0.03	98.69	179.0-180.0	0.00	444.48	0.00	100.00
133.0-134.0	0.15	438.82	0.03	98.73					
134.0-135.0	0.15	438.97	0.03	98.76					
135.0-136.0	0.15	439.12	0.03	98.80					
136.0-137.0	0.16	439.28	0.04	98.83					
137.0-138.0	0.16	439.44	0.04	98.87					
138.0-139.0	0.16	439.60	0.04	98.90					
139.0-140.0	0.16	439.77	0.04	98.94					
140.0-141.0	0.17	439.93	0.04	98.98					

Rectangle ISO Lighting Intensity Diagram

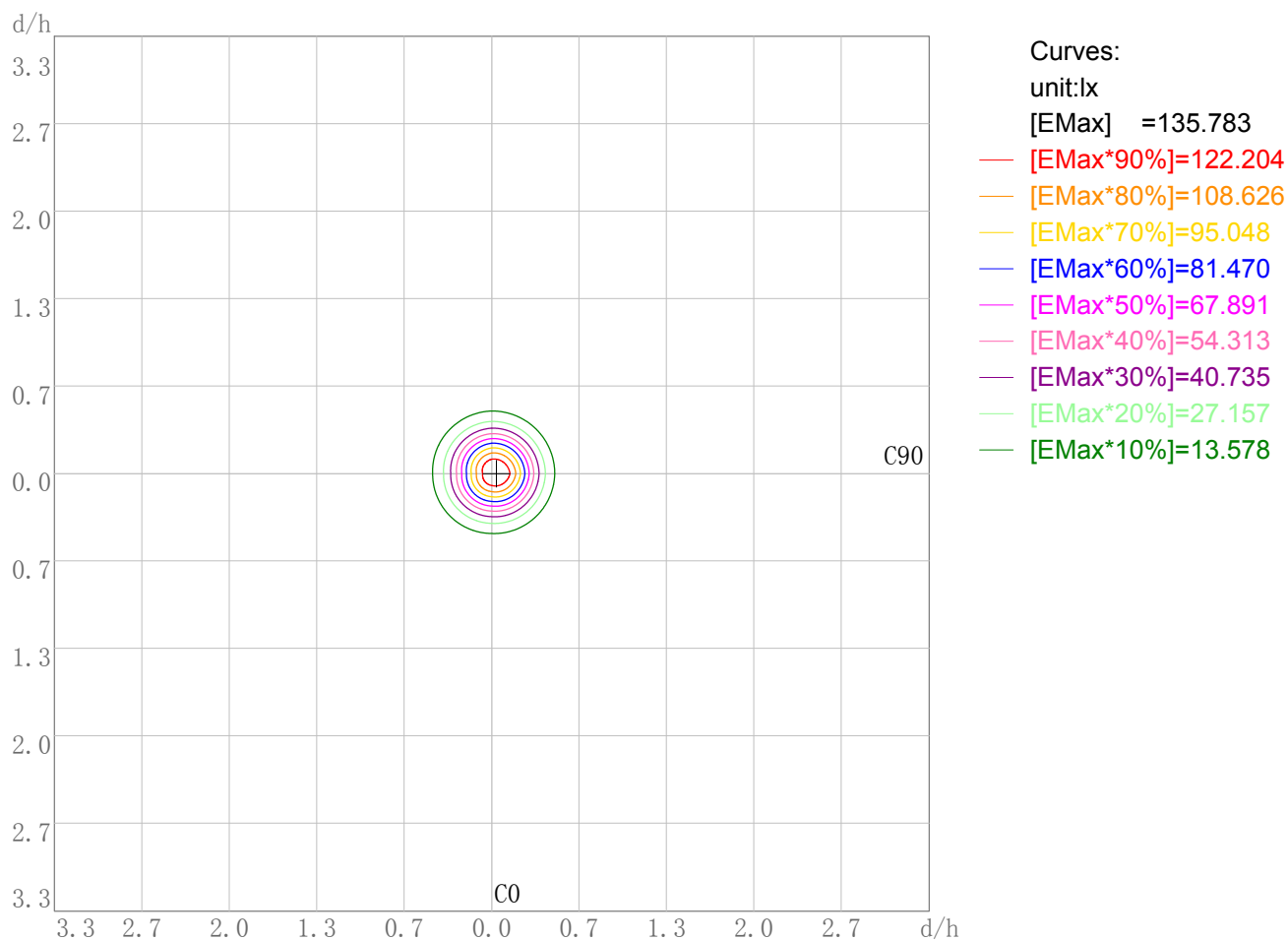
Lum. Name:MD13-06-XX-01 4000K RA90 30D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/16



Plane ISO-Illuminance Diagram

Lum. Name: MD13-06-XX-01 4000K RA90 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: 2020/03/16

Plane ISO-Illuminance Curve



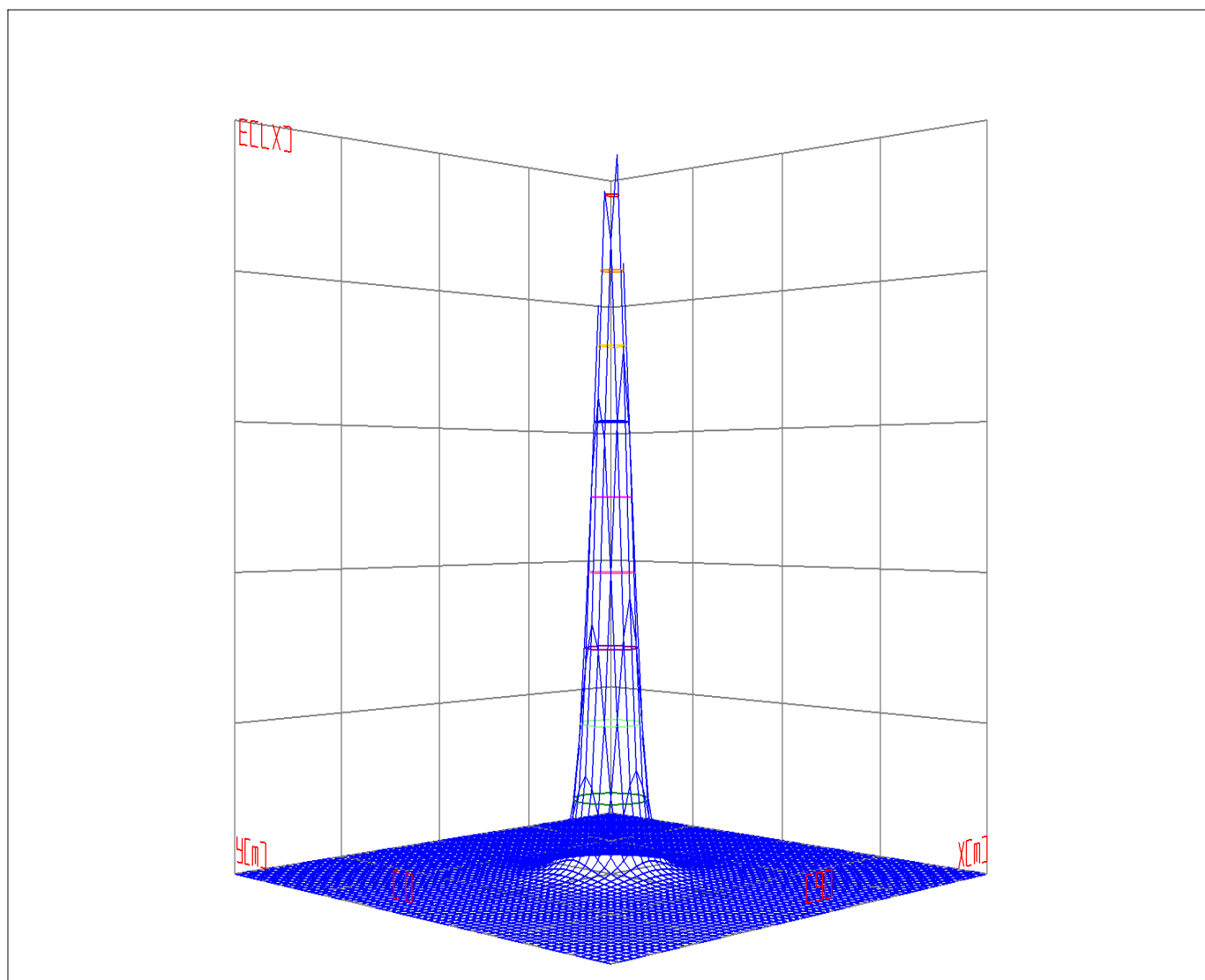
IES Indoor Report

Photometric Filename:MD13-06-XX-01 4000K RA90 30D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD13-06-XX-01 4000K RA90 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: 2020/03/16

3D Plane Illuminance Modal

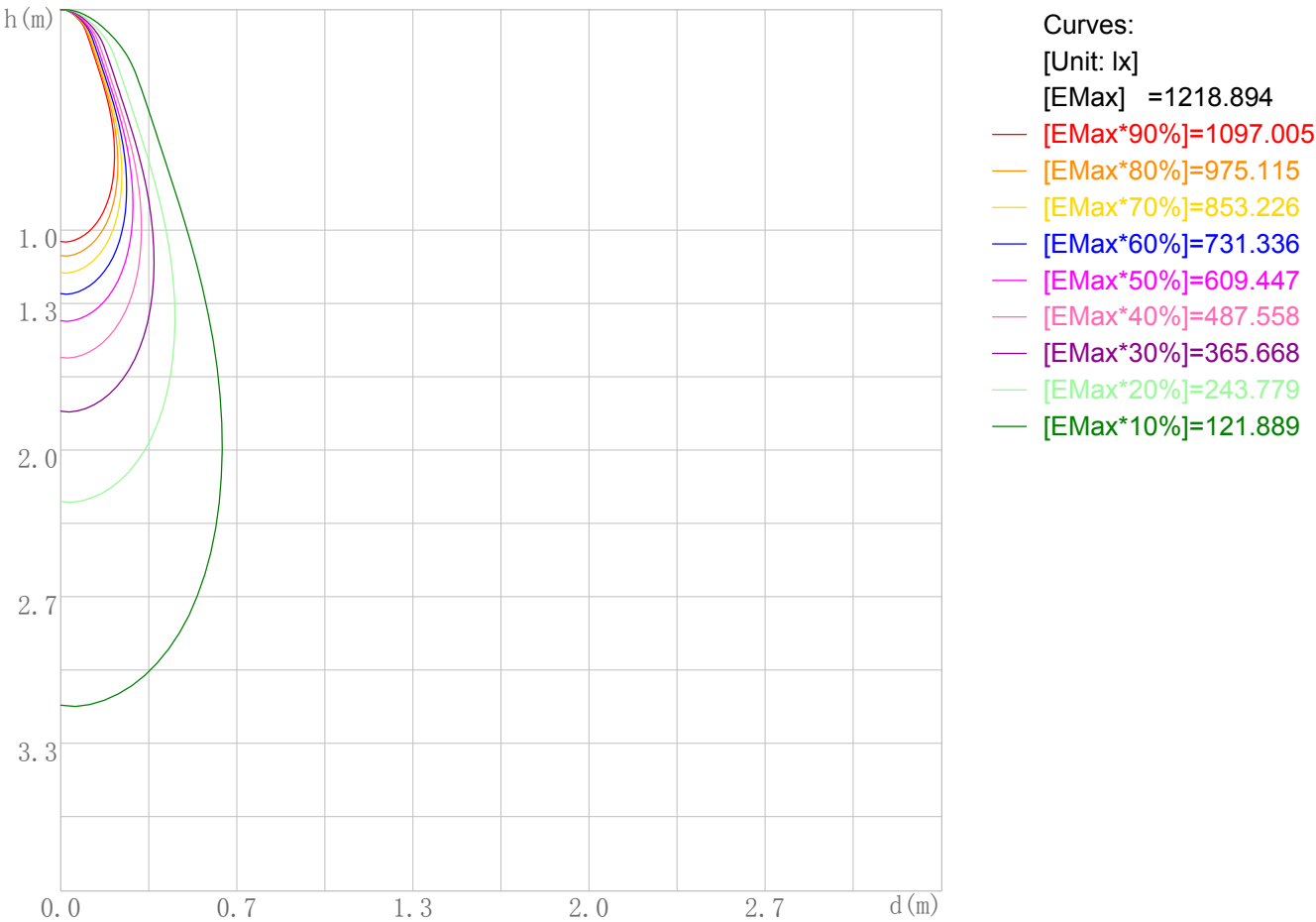


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name:MD13-06-XX-01 4000K RA90 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:2020/03/16

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1218.89lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:1219.451cd,0deg

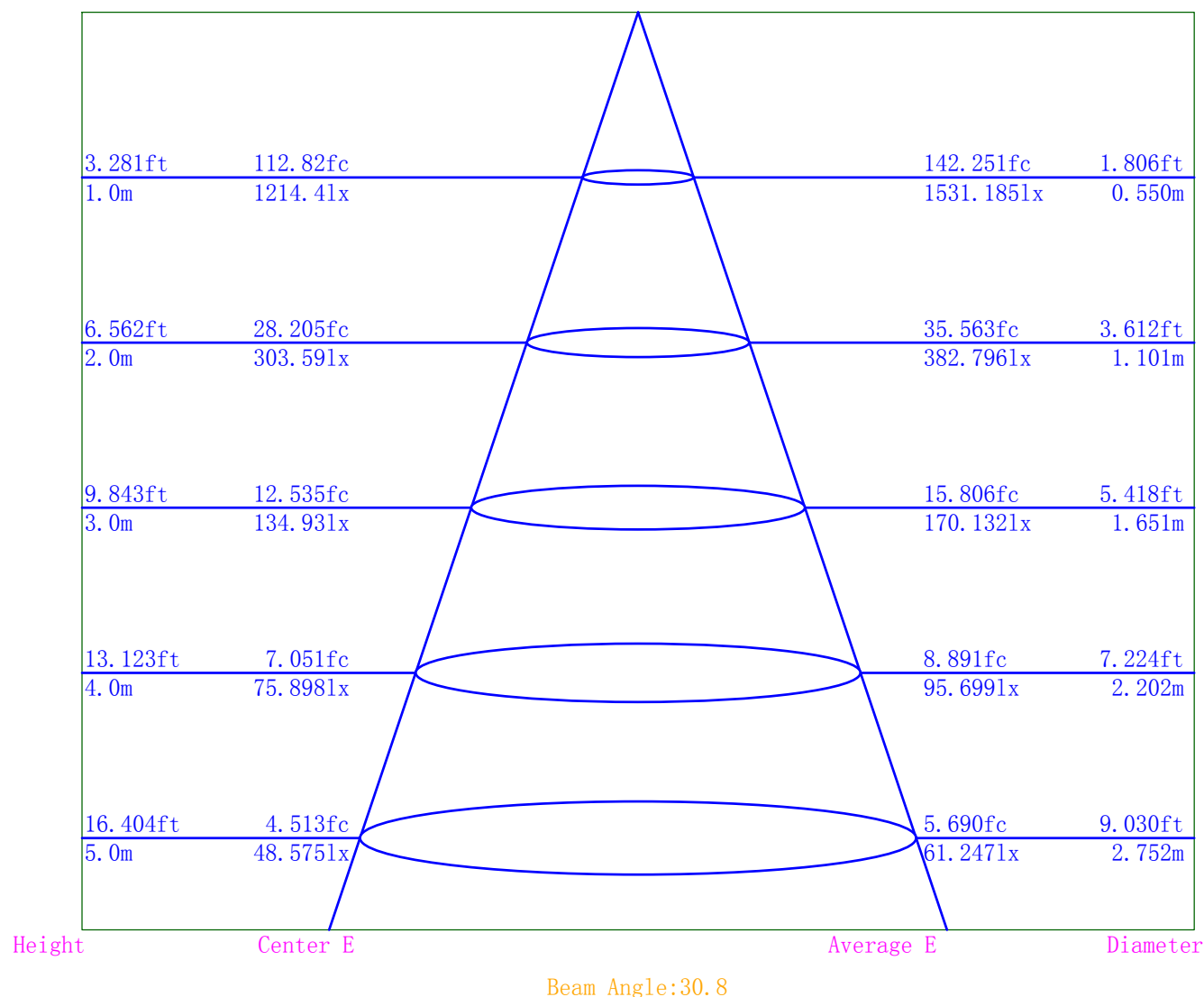
IES Indoor Report

Photometric Filename:MD13-06-XX-01 4000K RA90 30D.IES

Illuminance-Distance Diagram

Lum. Name: MD13-06-XX-01 4000K RA90 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: 2020/03/16

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD13-06-XX-01 4000K RA90 30D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD13-06-XX-01 4000K RA90 30D	Lum. Catalog: LED	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/16

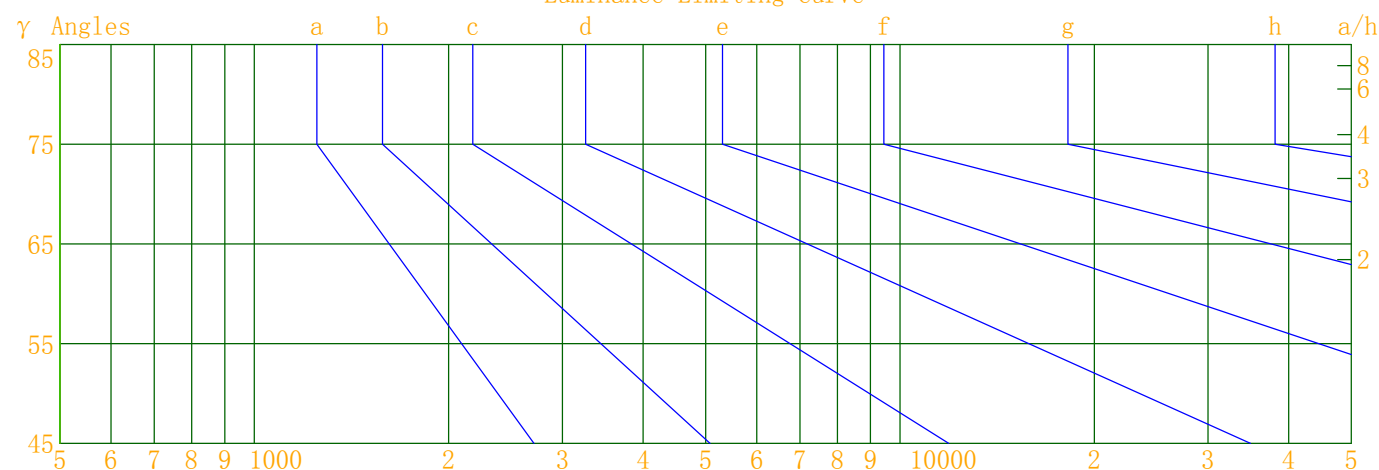
Glare Grade Table

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



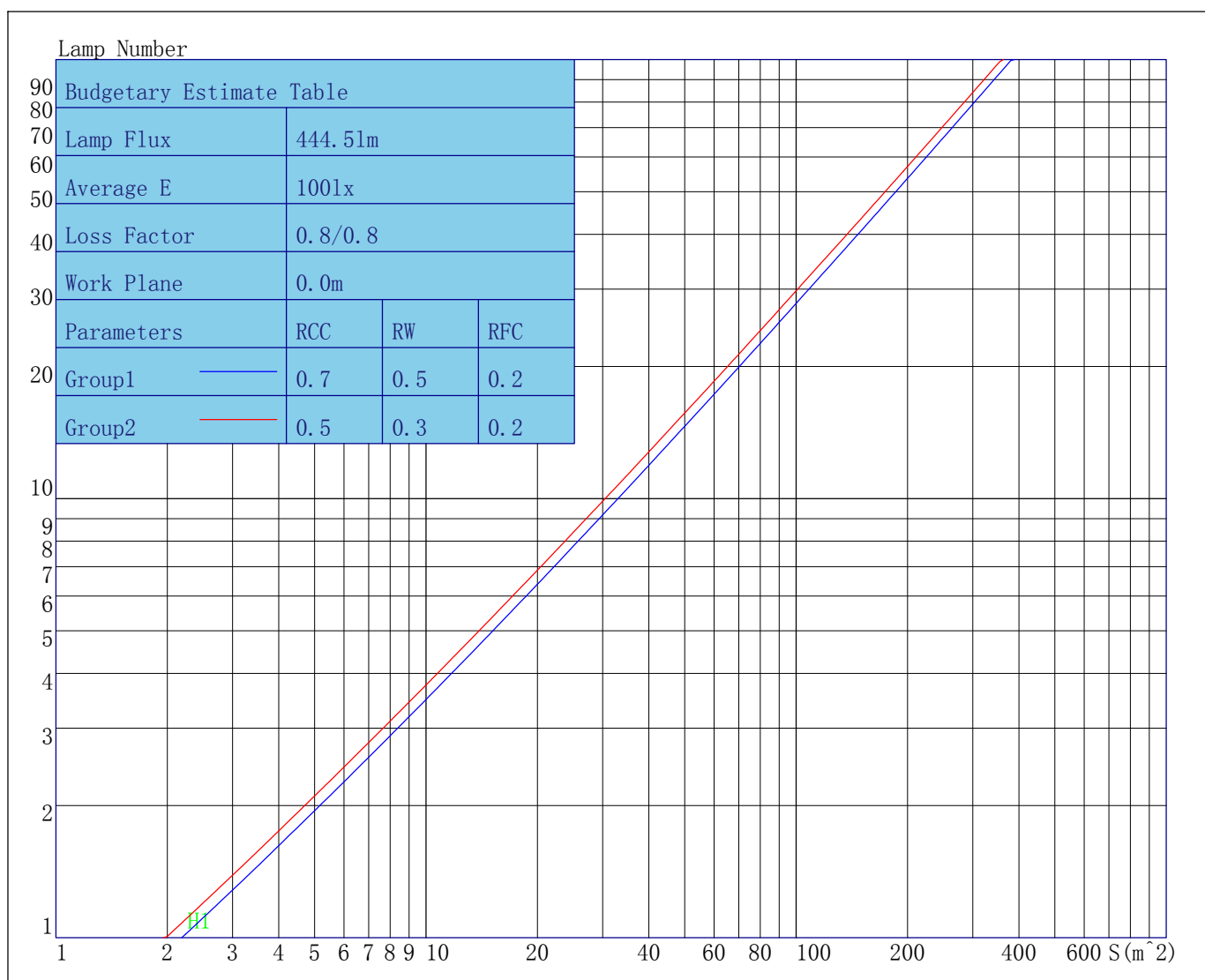
Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m^2)=0.000000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD13-06-XX-01 4000K RA90 30D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD13-06-XX-01 4000K RA90 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: 2020/03/16



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 4000K RA90 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: 2020/03/16

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	99	99	99	97
1	113	110	108	106	110	108	106	104	103	102	100	99	98	96	95	94	93	91
2	108	103	99	96	105	101	98	95	98	95	92	94	92	90	91	89	88	86
3	103	97	93	89	101	96	91	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	87	82	78	93	86	82	78	84	80	77	82	79	76	81	78	75	74
6	91	83	78	74	90	82	77	74	81	76	73	79	75	73	78	74	72	70
7	88	80	74	71	86	79	74	70	77	73	70	76	72	69	75	71	69	68
8	85	76	71	68	83	76	71	67	74	70	67	73	69	67	72	69	66	65
9	82	73	68	65	80	73	68	65	72	67	64	71	67	64	70	66	64	62
10	79	71	66	62	78	70	65	62	69	65	62	68	64	62	67	64	61	60

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 (UGR) values. Includes a section for Variations with the observer position at spacings (S=1.0H, S=1.5H, S=2.0H) and a Reduced UGR Table with Nordic Standard and Correction Value.

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	1214.37	1214.37	1214.37	1214.37
γ 1.0	1219.45	1220.03	1208.44	1191.41
γ 2.0	1214.29	1224.28	1194.92	1168.48
γ 3.0	1202.26	1226.07	1176.32	1140.55
γ 4.0	1184.16	1219.44	1148.42	1106.98
γ 5.0	1160.91	1207.29	1117.82	1069.87
γ 6.0	1131.56	1187.64	1080.88	1028.92
γ 7.0	1096.62	1160.73	1039.93	982.66
γ 8.0	1056.92	1128.48	994.44	933.82
γ 9.0	1012.96	1091.35	945.50	881.23
γ 10.0	965.01	1044.96	892.40	825.73
γ 11.0	911.66	993.89	835.48	769.73
γ 12.0	856.38	936.29	777.76	712.30
γ 13.0	798.05	876.70	717.21	656.05
γ 14.0	738.22	812.89	657.96	599.68
γ 15.0	677.03	747.36	599.34	544.91
γ 16.0	616.26	679.73	542.69	491.27
γ 17.0	556.28	613.92	486.49	440.43
γ 18.0	497.88	549.41	433.14	391.63
γ 19.0	441.88	487.77	381.26	345.66
γ 20.0	388.13	427.99	331.60	302.89
γ 21.0	337.96	371.81	285.68	263.63
γ 22.0	291.45	317.75	244.15	227.99
γ 23.0	249.60	268.36	207.02	196.08
γ 24.0	212.81	224.19	175.12	168.02
γ 25.0	181.15	186.25	147.99	143.33
γ 26.0	154.33	154.79	125.19	122.03
γ 27.0	132.28	129.79	106.71	104.17
γ 28.0	114.12	109.99	91.72	89.40
γ 29.0	99.42	94.83	79.60	77.53
γ 30.0	87.48	83.10	69.86	67.83
γ 31.0	77.84	73.82	61.86	59.93
γ 32.0	69.81	66.15	55.19	53.32
γ 33.0	63.10	59.85	49.61	47.83
γ 34.0	57.39	54.57	44.95	43.22
γ 35.0	52.50	50.15	40.99	39.26
γ 36.0	48.21	46.39	37.60	35.86
γ 37.0	44.62	43.17	34.66	32.95
γ 38.0	41.39	40.28	32.19	30.50
γ 39.0	38.62	37.78	30.07	28.38
γ 40.0	36.16	35.58	28.20	26.54
γ 41.0	33.94	33.58	26.53	24.97
γ 42.0	31.99	31.77	25.10	23.59
γ 43.0	30.24	30.14	23.80	22.41
γ 44.0	28.64	28.56	22.62	21.36
γ 45.0	27.14	27.06	21.53	20.41
γ 46.0	25.73	25.58	20.50	19.55

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	24.39	24.16	19.49	18.75
γ 48.0	23.11	22.73	18.50	17.97
γ 49.0	21.86	21.36	17.53	17.22
γ 50.0	20.63	20.00	16.58	16.45
γ 51.0	19.42	18.67	15.65	15.70
γ 52.0	18.26	17.39	14.74	14.92
γ 53.0	17.14	16.17	13.86	14.18
γ 54.0	16.05	14.99	12.99	13.42
γ 55.0	15.04	13.90	12.16	12.69
γ 56.0	14.06	12.87	11.38	11.95
γ 57.0	13.15	11.92	10.64	11.25
γ 58.0	12.31	11.03	9.95	10.58
γ 59.0	11.52	10.22	9.31	9.94
γ 60.0	10.79	9.48	8.72	9.33
γ 61.0	10.10	8.81	8.16	8.77
γ 62.0	9.49	8.20	7.67	8.26
γ 63.0	8.92	7.68	7.21	7.80
γ 64.0	8.39	7.18	6.78	7.36
γ 65.0	7.91	6.73	6.39	6.97
γ 66.0	7.44	6.32	6.03	6.57
γ 67.0	7.02	5.94	5.68	6.22
γ 68.0	6.62	5.59	5.34	5.89
γ 69.0	6.25	5.24	5.02	5.57
γ 70.0	5.89	4.93	4.72	5.27
γ 71.0	5.56	4.65	4.43	4.99
γ 72.0	5.23	4.38	4.16	4.72
γ 73.0	4.93	4.14	3.91	4.49
γ 74.0	4.65	3.91	3.69	4.26
γ 75.0	4.41	3.70	3.51	4.08
γ 76.0	4.20	3.55	3.35	3.91
γ 77.0	4.03	3.41	3.21	3.78
γ 78.0	3.89	3.27	3.09	3.65
γ 79.0	3.75	3.15	2.98	3.52
γ 80.0	3.62	3.04	2.85	3.40
γ 81.0	3.49	2.93	2.72	3.29
γ 82.0	3.37	2.81	2.58	3.16
γ 83.0	3.25	2.71	2.41	3.05
γ 84.0	3.14	2.59	2.29	2.93
γ 85.0	3.03	2.47	2.19	2.83
γ 86.0	2.91	2.35	2.08	2.69
γ 87.0	2.75	2.18	1.96	2.52
γ 88.0	2.59	2.02	1.85	2.38
γ 89.0	2.43	1.85	1.72	2.20
γ 90.0	2.25	1.71	1.66	2.12
γ 91.0	2.20	1.66	1.63	2.07
γ 92.0	2.14	1.64	1.59	2.03
γ 93.0	2.11	1.60	1.57	1.99

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.07	1.57	1.54	1.96
γ 95.0	2.03	1.55	1.51	1.92
γ 96.0	2.00	1.52	1.49	1.89
γ 97.0	1.96	1.50	1.47	1.86
γ 98.0	1.93	1.47	1.45	1.83
γ 99.0	1.90	1.45	1.42	1.80
γ 100.0	1.87	1.43	1.41	1.77
γ 101.0	1.84	1.41	1.40	1.76
γ 102.0	1.81	1.39	1.38	1.73
γ 103.0	1.78	1.38	1.37	1.71
γ 104.0	1.76	1.37	1.35	1.70
γ 105.0	1.74	1.34	1.34	1.68
γ 106.0	1.72	1.33	1.32	1.66
γ 107.0	1.69	1.30	1.32	1.64
γ 108.0	1.67	1.30	1.31	1.63
γ 109.0	1.66	1.29	1.31	1.62
γ 110.0	1.64	1.27	1.30	1.60
γ 111.0	1.62	1.27	1.30	1.60
γ 112.0	1.61	1.25	1.30	1.60
γ 113.0	1.59	1.25	1.30	1.59
γ 114.0	1.56	1.25	1.30	1.59
γ 115.0	1.55	1.23	1.31	1.57
γ 116.0	1.54	1.23	1.32	1.58
γ 117.0	1.53	1.22	1.32	1.58
γ 118.0	1.52	1.22	1.33	1.59
γ 119.0	1.51	1.22	1.35	1.59
γ 120.0	1.51	1.22	1.35	1.60
γ 121.0	1.51	1.24	1.38	1.61
γ 122.0	1.52	1.24	1.40	1.63
γ 123.0	1.52	1.24	1.42	1.65
γ 124.0	1.53	1.26	1.45	1.68
γ 125.0	1.55	1.27	1.49	1.71
γ 126.0	1.57	1.30	1.53	1.75
γ 127.0	1.59	1.32	1.57	1.78
γ 128.0	1.61	1.36	1.61	1.82
γ 129.0	1.64	1.39	1.66	1.87
γ 130.0	1.68	1.42	1.72	1.92
γ 131.0	1.73	1.47	1.77	1.99
γ 132.0	1.76	1.51	1.84	2.05
γ 133.0	1.82	1.56	1.90	2.11
γ 134.0	1.88	1.62	1.98	2.17
γ 135.0	1.94	1.68	2.05	2.25
γ 136.0	2.00	1.75	2.12	2.32
γ 137.0	2.08	1.81	2.20	2.39
γ 138.0	2.14	1.88	2.28	2.48
γ 139.0	2.21	1.96	2.36	2.56
γ 140.0	2.29	2.04	2.45	2.64

IES Indoor Report

Photometric Filename:MD13-06-XX-01 4000K RA90 30D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.37	2.11	2.53	2.72
γ 142.0	2.45	2.20	2.62	2.80
γ 143.0	2.53	2.28	2.70	2.88
γ 144.0	2.62	2.36	2.79	2.95
γ 145.0	2.70	2.45	2.87	3.02
γ 146.0	2.78	2.53	2.95	3.10
γ 147.0	2.86	2.61	3.03	3.18
γ 148.0	2.94	2.69	3.11	3.24
γ 149.0	3.02	2.78	3.19	3.31
γ 150.0	3.10	2.86	3.26	3.37
γ 151.0	3.16	2.93	3.33	3.43
γ 152.0	3.23	3.01	3.39	3.50
γ 153.0	3.30	3.08	3.45	3.54
γ 154.0	3.38	3.15	3.52	3.59
γ 155.0	3.44	3.21	3.57	3.63
γ 156.0	3.50	3.27	3.61	3.66
γ 157.0	3.54	3.33	3.66	3.69
γ 158.0	3.60	3.37	3.69	3.72
γ 159.0	3.64	3.42	3.72	3.75
γ 160.0	3.67	3.46	3.75	3.76
γ 161.0	3.70	3.49	3.77	3.78
γ 162.0	3.72	3.53	3.79	3.78
γ 163.0	3.74	3.55	3.80	3.78
γ 164.0	3.76	3.58	3.80	3.77
γ 165.0	3.77	3.59	3.80	3.77
γ 166.0	3.78	3.60	3.80	3.75
γ 167.0	3.78	3.60	3.79	3.76
γ 168.0	3.79	3.61	3.79	3.74
γ 169.0	3.80	3.62	3.78	3.73
γ 170.0	3.79	3.62	3.77	3.73
γ 171.0	3.79	3.63	3.78	3.72
γ 172.0	3.79	3.63	3.78	3.71
γ 173.0	3.80	3.63	3.78	3.72
γ 174.0	3.81	3.63	3.79	3.72
γ 175.0	3.81	3.65	3.80	3.72
γ 176.0	3.83	3.65	3.78	3.73
γ 177.0	3.83	3.66	3.80	3.75
γ 178.0	3.84	3.67	3.81	3.77
γ 179.0	3.84	3.67	3.82	3.77
γ 180.0	3.80	3.80	3.80	3.80