

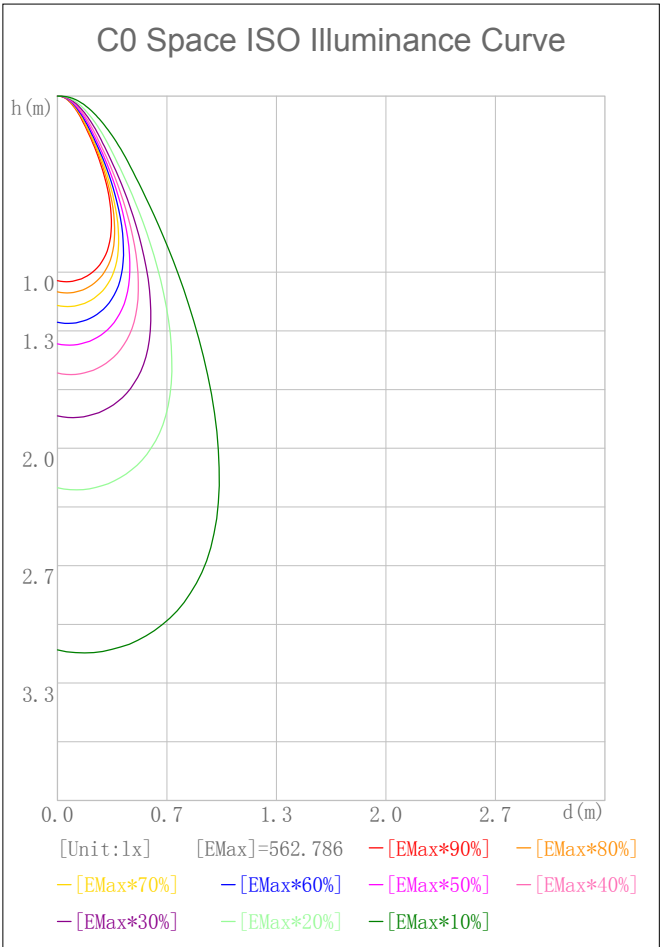
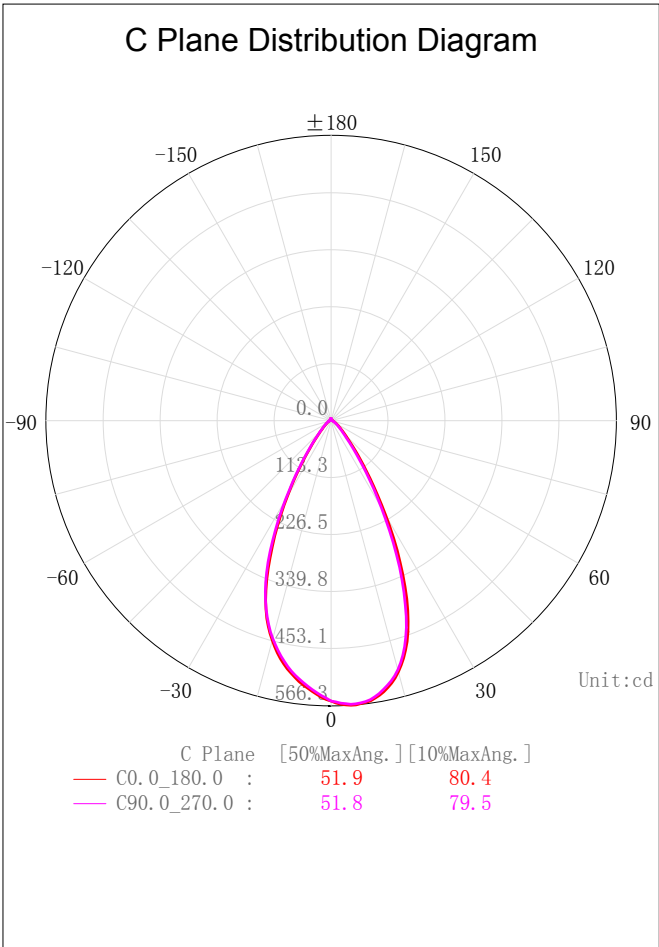
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD13-06-XX-01 4000K RA90 50D	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): 460.260	Luminary Flux(lm): 460.260	Field Angle(10%Imax): 80.4(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 446.725lm 97.06%
Rated Voltage(V):	Luminary EER(lm/W): 82.145	Up Lumens&Percent: 13.534lm 2.94%
Tested Power(W): 5.603	Max. Candela(cd): 566.347	S/MH: C0_a180=0.840 C90_270=0.835
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=5.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):241.2, 0.024	Beam Angle(50%Imax): 51.9(°)	ErP Φ use(90°): 405.293lm
Lamp Size (W*L*H):0.000m*0.000m*0.000m	Left=-24.7°, Right=27.2°	IRF (%): 266.889



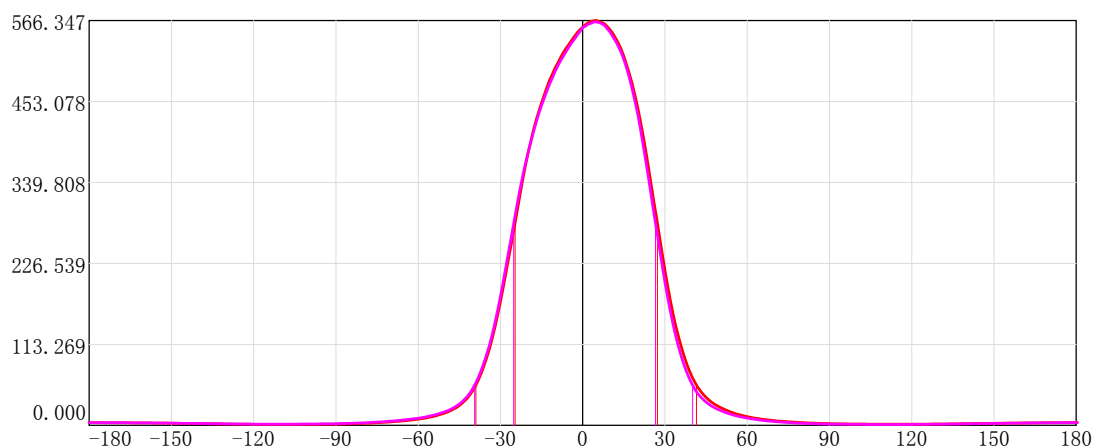
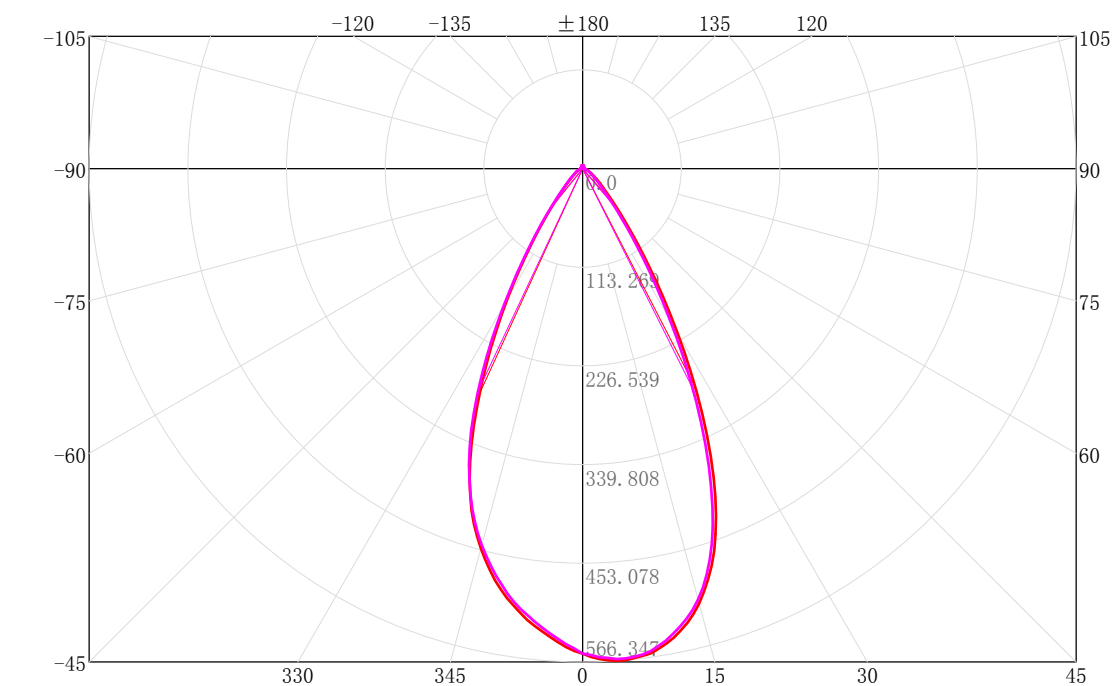
IES Indoor Report

Photometric Filename:MD13-06-XX-01 4000K RA90 50.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD13-06-XX-01 4000K RA90 50D	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

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
— C0.0_180.0 : 51.9 80.4
— C90.0_270.0 : 51.8 79.5

Unit:cd

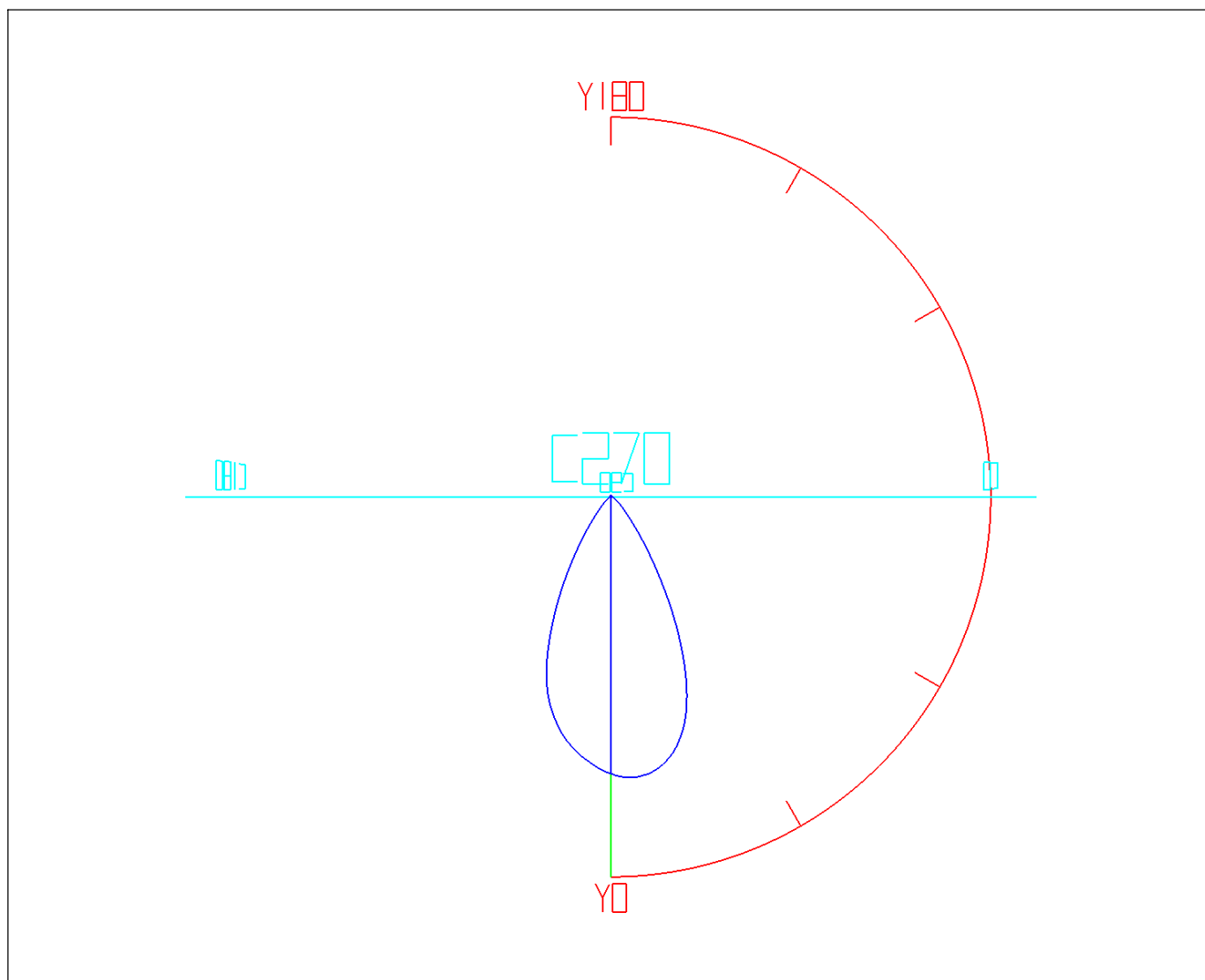
IES Indoor Report

Photometric Filename:MD13-06-XX-01 4000K RA90 50.IES

3D Light Intensity Distribution Modal

Lum. Name: MD13-06-XX-01 4000K RA90 50D	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

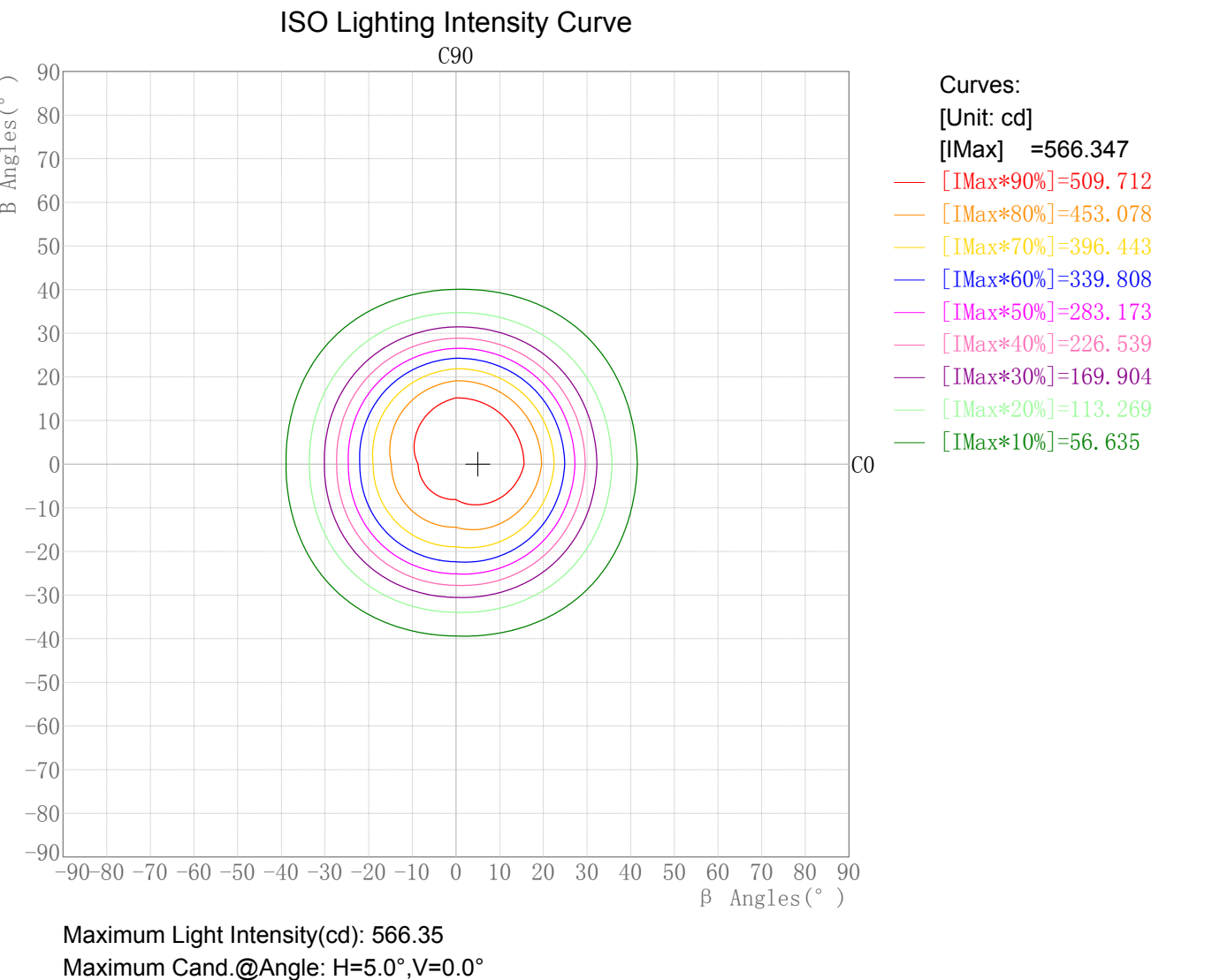
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.53	0.53	0.12	0.12	47.0-48.0	2.09	414.27	0.45	90.01
1.0-2.0	1.59	2.13	0.35	0.46	48.0-49.0	1.95	416.23	0.42	90.43
2.0-3.0	2.65	4.78	0.58	1.04	49.0-50.0	1.83	418.05	0.40	90.83
3.0-4.0	3.70	8.47	0.80	1.84	50.0-51.0	1.71	419.76	0.37	91.20
4.0-5.0	4.73	13.20	1.03	2.87	51.0-52.0	1.61	421.37	0.35	91.55
5.0-6.0	5.74	18.94	1.25	4.12	52.0-53.0	1.51	422.88	0.33	91.88
6.0-7.0	6.74	25.68	1.46	5.58	53.0-54.0	1.42	424.31	0.31	92.19
7.0-8.0	7.71	33.40	1.68	7.26	54.0-55.0	1.34	425.65	0.29	92.48
8.0-9.0	8.65	42.05	1.88	9.14	55.0-56.0	1.26	426.91	0.27	92.75
9.0-10.0	9.55	51.60	2.08	11.21	56.0-57.0	1.19	428.10	0.26	93.01
10.0-11.0	10.42	62.02	2.26	13.47	57.0-58.0	1.13	429.23	0.25	93.26
11.0-12.0	11.23	73.25	2.44	15.92	58.0-59.0	1.07	430.30	0.23	93.49
12.0-13.0	12.00	85.26	2.61	18.52	59.0-60.0	1.01	431.31	0.22	93.71
13.0-14.0	12.72	97.98	2.76	21.29	60.0-61.0	0.96	432.28	0.21	93.92
14.0-15.0	13.37	111.35	2.90	24.19	61.0-62.0	0.91	433.19	0.20	94.12
15.0-16.0	13.95	125.30	3.03	27.22	62.0-63.0	0.87	434.05	0.19	94.31
16.0-17.0	14.44	139.74	3.14	30.36	63.0-64.0	0.82	434.88	0.18	94.49
17.0-18.0	14.85	154.59	3.23	33.59	64.0-65.0	0.78	435.66	0.17	94.66
18.0-19.0	15.15	169.75	3.29	36.88	65.0-66.0	0.75	436.41	0.16	94.82
19.0-20.0	15.34	185.08	3.33	40.21	66.0-67.0	0.71	437.12	0.15	94.97
20.0-21.0	15.40	200.49	3.35	43.56	67.0-68.0	0.68	437.79	0.15	95.12
21.0-22.0	15.34	215.83	3.33	46.89	68.0-69.0	0.64	438.43	0.14	95.26
22.0-23.0	15.15	230.98	3.29	50.18	69.0-70.0	0.61	439.05	0.13	95.39
23.0-24.0	14.83	245.81	3.22	53.41	70.0-71.0	0.58	439.63	0.13	95.52
24.0-25.0	14.40	260.21	3.13	56.54	71.0-72.0	0.56	440.19	0.12	95.64
25.0-26.0	13.86	274.07	3.01	59.55	72.0-73.0	0.53	440.71	0.11	95.75
26.0-27.0	13.24	287.32	2.88	62.43	73.0-74.0	0.50	441.22	0.11	95.86
27.0-28.0	12.55	299.87	2.73	65.15	74.0-75.0	0.48	441.70	0.10	95.97
28.0-29.0	11.78	311.65	2.56	67.71	75.0-76.0	0.46	442.15	0.10	96.07
29.0-30.0	10.97	322.63	2.38	70.10	76.0-77.0	0.43	442.59	0.09	96.16
30.0-31.0	10.15	332.78	2.21	72.30	77.0-78.0	0.41	443.00	0.09	96.25
31.0-32.0	9.35	342.13	2.03	74.33	78.0-79.0	0.39	443.40	0.09	96.34
32.0-33.0	8.55	350.68	1.86	76.19	79.0-80.0	0.38	443.77	0.08	96.42
33.0-34.0	7.78	358.46	1.69	77.88	80.0-81.0	0.36	444.13	0.08	96.50
34.0-35.0	7.06	365.52	1.53	79.42	81.0-82.0	0.34	444.47	0.07	96.57
35.0-36.0	6.38	371.90	1.39	80.80	82.0-83.0	0.33	444.80	0.07	96.64
36.0-37.0	5.76	377.66	1.25	82.05	83.0-84.0	0.31	445.11	0.07	96.71
37.0-38.0	5.19	382.85	1.13	83.18	84.0-85.0	0.30	445.41	0.07	96.77
38.0-39.0	4.67	387.52	1.01	84.20	85.0-86.0	0.29	445.70	0.06	96.84
39.0-40.0	4.20	391.72	0.91	85.11	86.0-87.0	0.27	445.97	0.06	96.90
40.0-41.0	3.79	395.52	0.82	85.93	87.0-88.0	0.26	446.24	0.06	96.95
41.0-42.0	3.43	398.95	0.75	86.68	88.0-89.0	0.25	446.49	0.05	97.01
42.0-43.0	3.12	402.06	0.68	87.36	89.0-90.0	0.24	446.73	0.05	97.06
43.0-44.0	2.85	404.91	0.62	87.97	90.0-91.0	0.23	446.96	0.05	97.11
44.0-45.0	2.62	407.53	0.57	88.54	91.0-92.0	0.23	447.18	0.05	97.16
45.0-46.0	2.42	409.94	0.52	89.07	92.0-93.0	0.22	447.41	0.05	97.21
46.0-47.0	2.24	412.19	0.49	89.56	93.0-94.0	0.22	447.62	0.05	97.25

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	0.21	447.84	0.05	97.30	141.0-142.0	0.18	455.97	0.04	99.07
95.0-96.0	0.21	448.05	0.05	97.35	142.0-143.0	0.18	456.15	0.04	99.11
96.0-97.0	0.21	448.25	0.04	97.39	143.0-144.0	0.18	456.32	0.04	99.14
97.0-98.0	0.20	448.45	0.04	97.43	144.0-145.0	0.18	456.50	0.04	99.18
98.0-99.0	0.20	448.65	0.04	97.48	145.0-146.0	0.17	456.67	0.04	99.22
99.0-100.0	0.19	448.85	0.04	97.52	146.0-147.0	0.17	456.85	0.04	99.26
100.0-101.0	0.19	449.04	0.04	97.56	147.0-148.0	0.17	457.02	0.04	99.30
101.0-102.0	0.19	449.22	0.04	97.60	148.0-149.0	0.17	457.19	0.04	99.33
102.0-103.0	0.18	449.41	0.04	97.64	149.0-150.0	0.17	457.36	0.04	99.37
103.0-104.0	0.18	449.59	0.04	97.68	150.0-151.0	0.17	457.52	0.04	99.41
104.0-105.0	0.18	449.77	0.04	97.72	151.0-152.0	0.16	457.69	0.04	99.44
105.0-106.0	0.18	449.94	0.04	97.76	152.0-153.0	0.16	457.85	0.03	99.48
106.0-107.0	0.17	450.12	0.04	97.80	153.0-154.0	0.16	458.01	0.03	99.51
107.0-108.0	0.17	450.29	0.04	97.83	154.0-155.0	0.15	458.16	0.03	99.54
108.0-109.0	0.17	450.46	0.04	97.87	155.0-156.0	0.15	458.31	0.03	99.58
109.0-110.0	0.17	450.63	0.04	97.91	156.0-157.0	0.15	458.46	0.03	99.61
110.0-111.0	0.17	450.79	0.04	97.94	157.0-158.0	0.14	458.60	0.03	99.64
111.0-112.0	0.16	450.95	0.04	97.98	158.0-159.0	0.14	458.74	0.03	99.67
112.0-113.0	0.16	451.12	0.04	98.01	159.0-160.0	0.13	458.87	0.03	99.70
113.0-114.0	0.16	451.28	0.04	98.05	160.0-161.0	0.13	459.00	0.03	99.73
114.0-115.0	0.16	451.44	0.04	98.08	161.0-162.0	0.12	459.12	0.03	99.75
115.0-116.0	0.16	451.60	0.03	98.12	162.0-163.0	0.12	459.24	0.03	99.78
116.0-117.0	0.16	451.76	0.03	98.15	163.0-164.0	0.11	459.35	0.02	99.80
117.0-118.0	0.16	451.92	0.03	98.19	164.0-165.0	0.11	459.46	0.02	99.83
118.0-119.0	0.16	452.08	0.03	98.22	165.0-166.0	0.10	459.56	0.02	99.85
119.0-120.0	0.16	452.24	0.03	98.26	166.0-167.0	0.09	459.65	0.02	99.87
120.0-121.0	0.16	452.40	0.03	98.29	167.0-168.0	0.09	459.74	0.02	99.89
121.0-122.0	0.16	452.56	0.03	98.33	168.0-169.0	0.08	459.82	0.02	99.90
122.0-123.0	0.16	452.72	0.04	98.36	169.0-170.0	0.08	459.89	0.02	99.92
123.0-124.0	0.16	452.88	0.04	98.40	170.0-171.0	0.07	459.96	0.01	99.94
124.0-125.0	0.16	453.05	0.04	98.43	171.0-172.0	0.06	460.02	0.01	99.95
125.0-126.0	0.16	453.21	0.04	98.47	172.0-173.0	0.05	460.08	0.01	99.96
126.0-127.0	0.17	453.38	0.04	98.50	173.0-174.0	0.05	460.13	0.01	99.97
127.0-128.0	0.17	453.54	0.04	98.54	174.0-175.0	0.04	460.17	0.01	99.98
128.0-129.0	0.17	453.71	0.04	98.58	175.0-176.0	0.03	460.20	0.01	99.99
129.0-130.0	0.17	453.88	0.04	98.61	176.0-177.0	0.03	460.23	0.01	99.99
130.0-131.0	0.17	454.05	0.04	98.65	177.0-178.0	0.02	460.24	0.00	100.00
131.0-132.0	0.17	454.22	0.04	98.69	178.0-179.0	0.01	460.26	0.00	100.00
132.0-133.0	0.17	454.39	0.04	98.72	179.0-180.0	0.00	460.26	0.00	100.00
133.0-134.0	0.17	454.56	0.04	98.76					
134.0-135.0	0.17	454.74	0.04	98.80					
135.0-136.0	0.17	454.91	0.04	98.84					
136.0-137.0	0.18	455.09	0.04	98.88					
137.0-138.0	0.18	455.26	0.04	98.91					
138.0-139.0	0.18	455.44	0.04	98.95					
139.0-140.0	0.18	455.62	0.04	98.99					
140.0-141.0	0.18	455.79	0.04	99.03					

Rectangle ISO Lighting Intensity Diagram

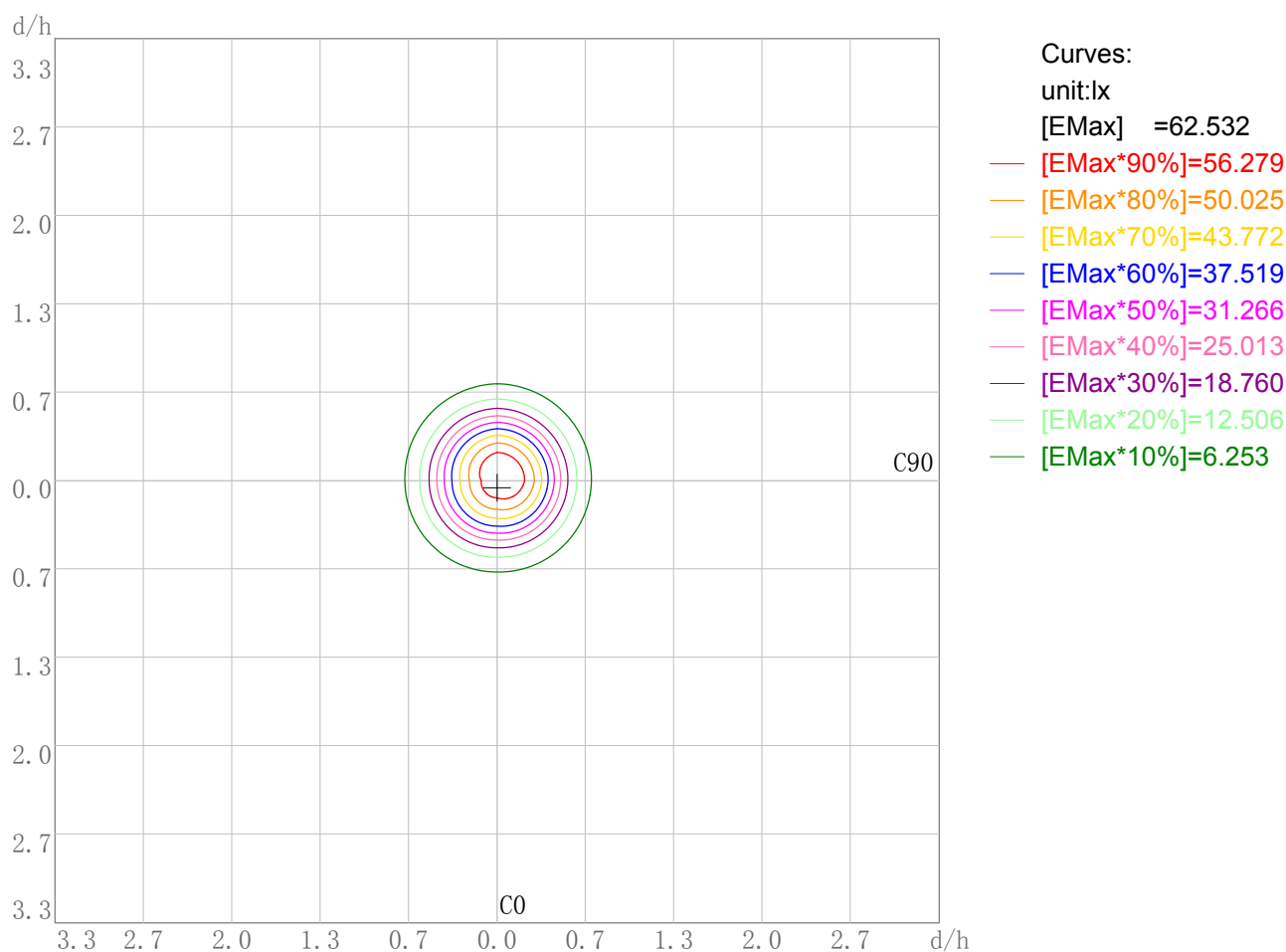
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Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/16



Plane ISO-Illuminance Diagram

Lum. Name: MD13-06-XX-01 4000K RA90 50D	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



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 62.53

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.1

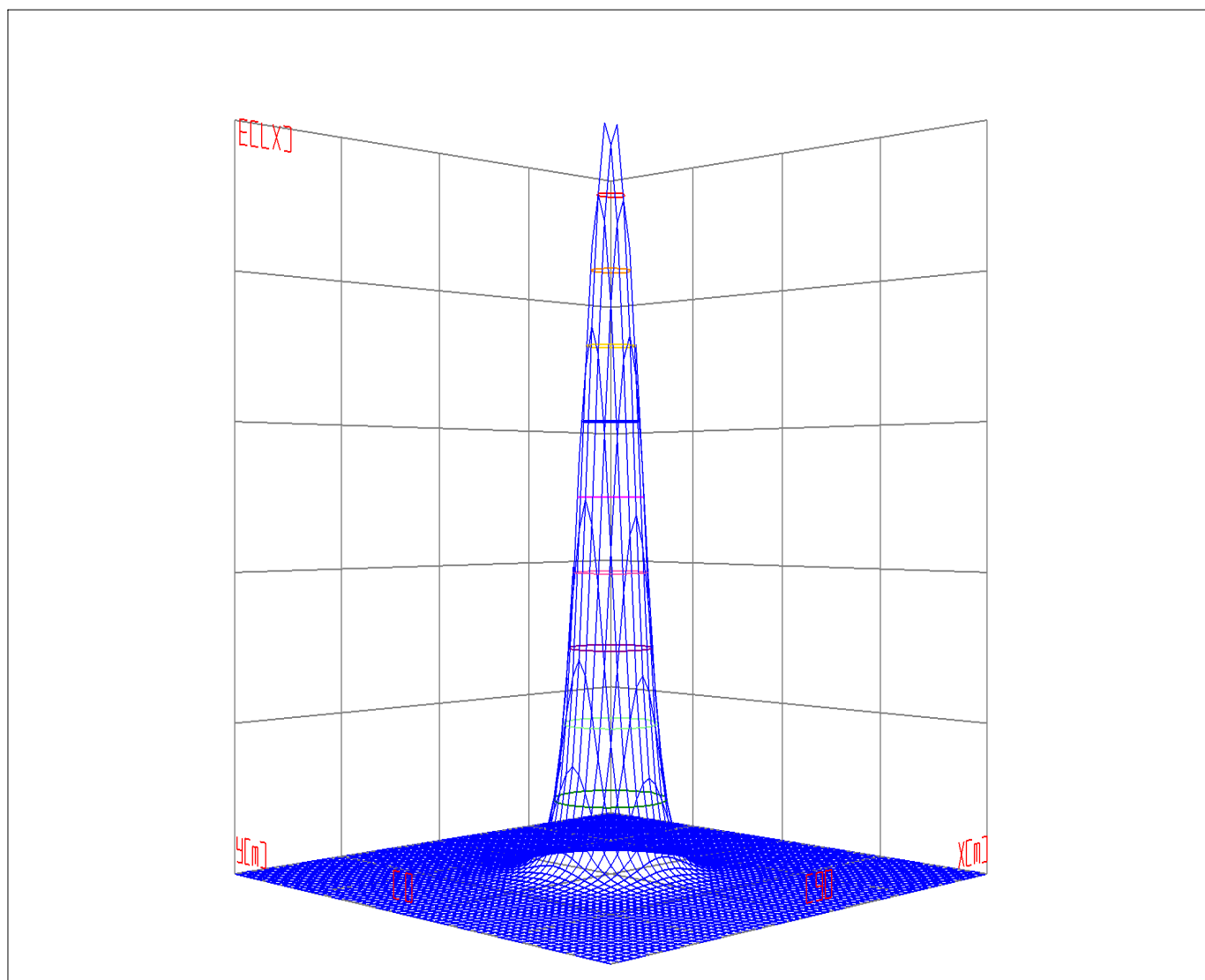
IES Indoor Report

Photometric Filename:MD13-06-XX-01 4000K RA90 50.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD13-06-XX-01 4000K RA90 50D	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

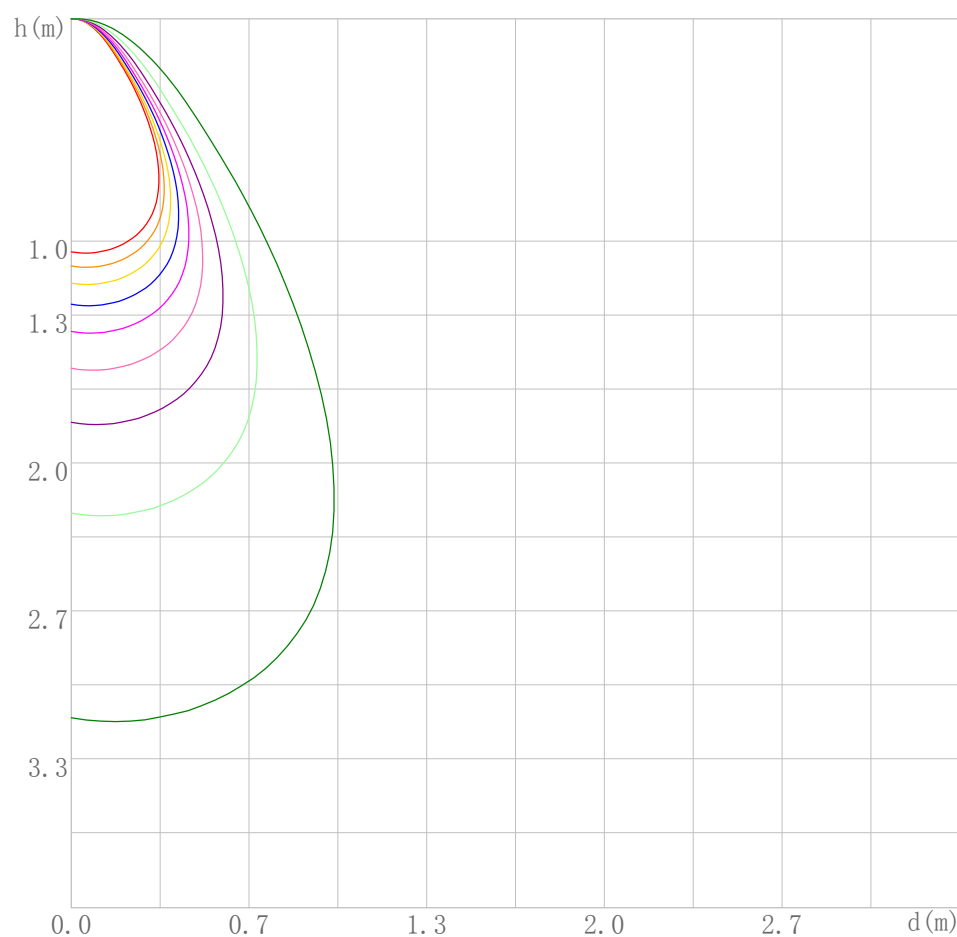


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD13-06-XX-01 4000K RA90 50D	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

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =562.786

— [EMax*90%]=506.507

— [EMax*80%]=450.229

— [EMax*70%]=393.950

— [EMax*60%]=337.671

— [EMax*50%]=281.393

— [EMax*40%]=225.114

— [EMax*30%]=168.836

— [EMax*20%]=112.557

— [EMax*10%]=56.279

Space Plane Maximum Illuminance and @Angle:562.79lx,3.0deg

Plane Maximum Lighting Intensity and @Angle:566.347cd,0deg

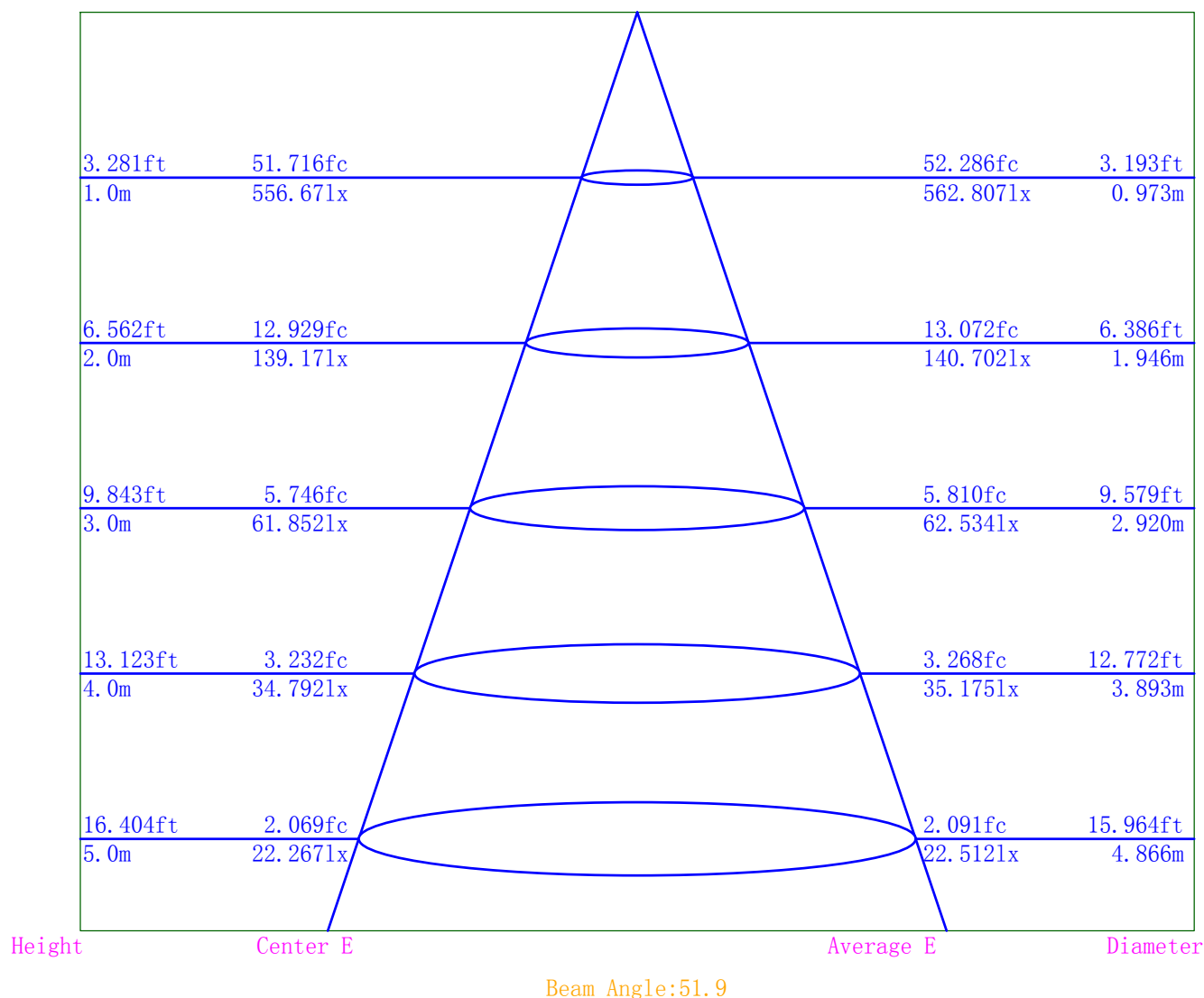
IES Indoor Report

Photometric Filename:MD13-06-XX-01 4000K RA90 50.IES

Illuminance-Distance Diagram

Lum. Name: MD13-06-XX-01 4000K RA90 50D	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



Indoor Luminance Limiting Curves

Lum. Name: MD13-06-XX-01 4000K RA90 50D	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

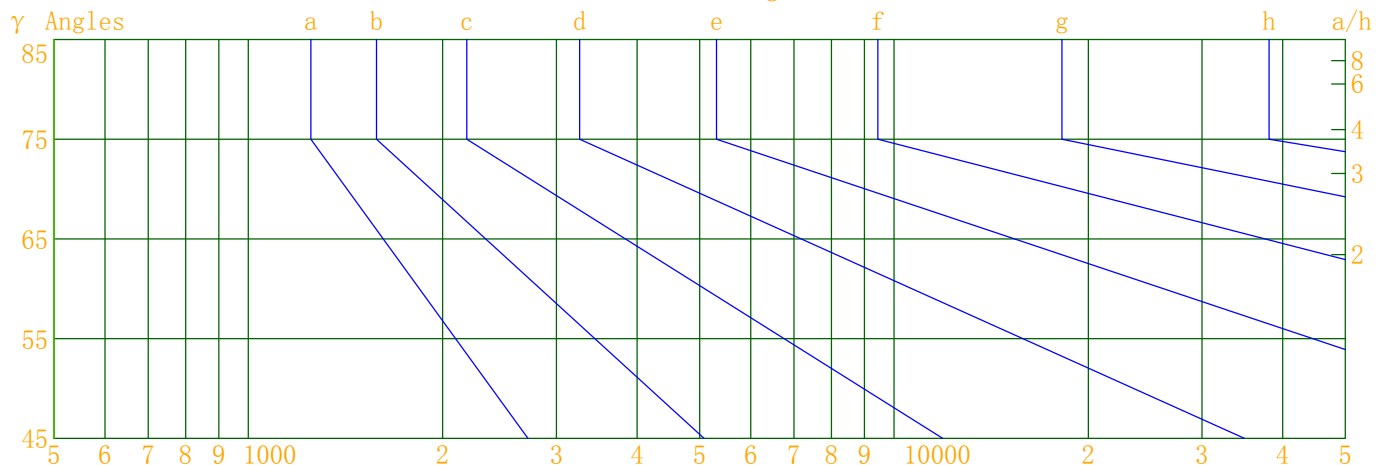
Glare Grade Table

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



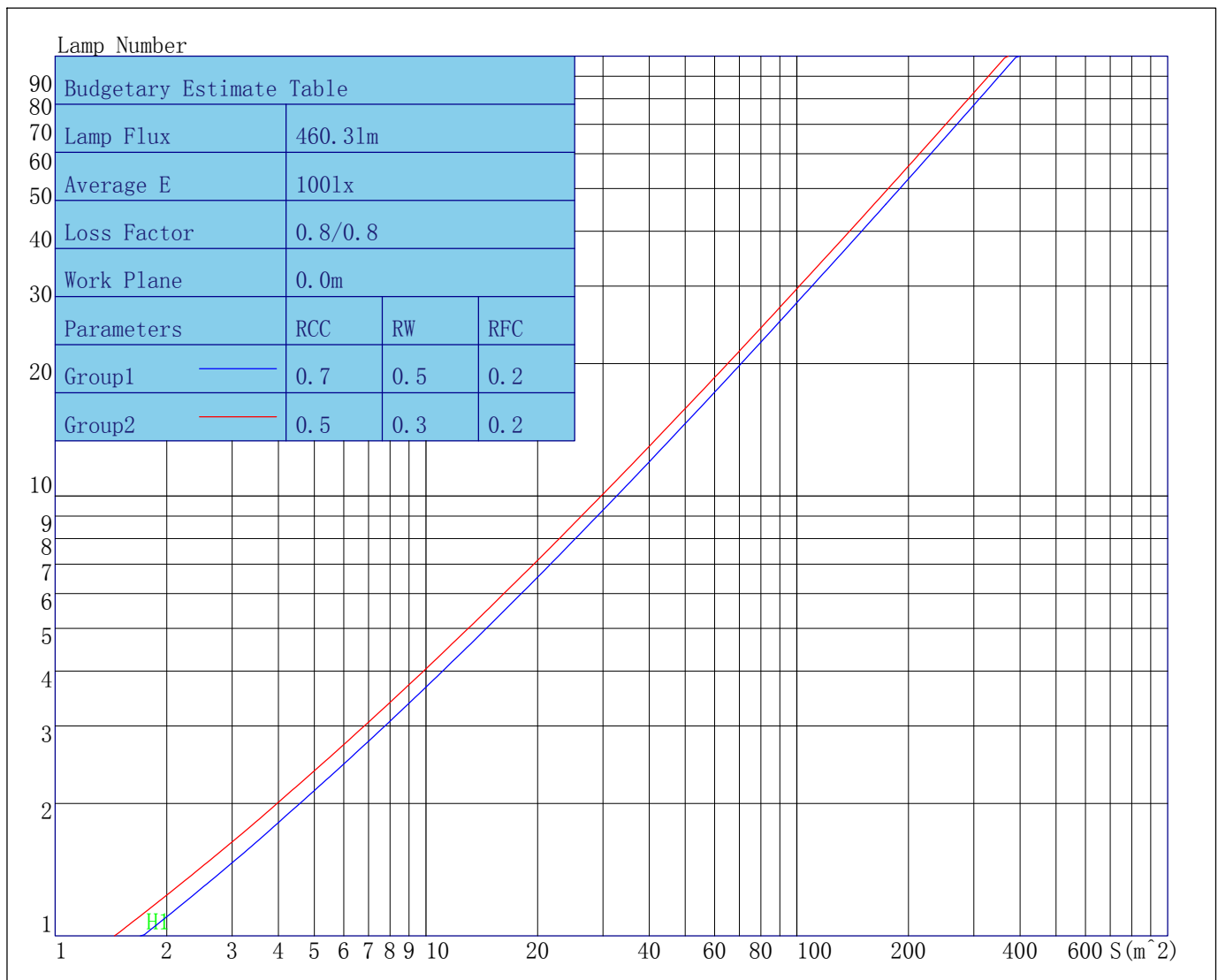
Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m^2)=0.000000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD13-06-XX-01 4000K RA90 50.IES

Indoor Budgetary Estimate Table

Lum. Name: MD13-06-XX-01 4000K RA90 50D	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

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID; Lamp Name, Lamp Catalog, Test Lab; Manufacture, Test Machine, Test Date.

Table with 15 columns: Coef., Effective Floor Cavity Reflectance RFC=0.20, RhoCC (%), RhoW (%), RCR, and 10 rows of utilization coefficients.

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 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	556.67	556.67	556.67	556.67
γ 1.0	560.58	558.34	553.63	550.82
γ 2.0	563.20	561.24	549.40	546.08
γ 3.0	565.11	562.38	544.11	540.43
γ 4.0	566.17	564.25	538.60	534.96
γ 5.0	566.35	564.36	533.03	529.11
γ 6.0	564.92	563.39	527.79	523.10
γ 7.0	563.40	561.89	521.86	516.57
γ 8.0	561.75	559.38	514.80	510.46
γ 9.0	557.74	554.76	507.48	503.46
γ 10.0	553.49	550.16	500.48	495.65
γ 11.0	548.39	543.91	492.02	486.63
γ 12.0	541.73	537.36	483.20	477.84
γ 13.0	534.88	530.19	473.05	467.92
γ 14.0	526.50	521.95	462.32	457.73
γ 15.0	516.56	511.91	451.13	447.42
γ 16.0	504.90	500.24	439.23	436.13
γ 17.0	492.61	486.88	426.66	423.30
γ 18.0	478.95	471.86	412.82	410.13
γ 19.0	463.70	455.11	396.37	395.32
γ 20.0	445.93	436.80	378.98	379.91
γ 21.0	426.88	415.84	360.47	363.74
γ 22.0	406.49	393.37	340.39	346.41
γ 23.0	384.54	370.36	319.07	327.55
γ 24.0	361.22	346.52	297.32	307.33
γ 25.0	337.14	321.68	275.75	286.05
γ 26.0	312.91	296.94	254.43	264.38
γ 27.0	289.01	271.91	233.35	242.58
γ 28.0	264.60	247.57	212.23	221.44
γ 29.0	240.51	223.38	191.98	200.06
γ 30.0	217.04	200.39	172.51	179.92
γ 31.0	195.40	178.99	154.38	160.96
γ 32.0	174.92	159.49	137.27	143.39
γ 33.0	156.06	141.28	121.47	127.20
γ 34.0	138.79	124.47	107.13	112.40
γ 35.0	123.38	109.24	94.33	99.25
γ 36.0	109.38	95.83	83.04	87.54
γ 37.0	96.87	84.15	72.83	76.93
γ 38.0	85.77	73.83	63.84	67.45
γ 39.0	75.98	64.86	56.04	59.24
γ 40.0	67.49	57.08	49.33	52.21
γ 41.0	59.96	50.25	43.55	46.13
γ 42.0	53.46	44.60	38.58	41.05
γ 43.0	47.96	39.89	34.37	36.69
γ 44.0	43.19	35.96	30.83	33.02
γ 45.0	39.12	32.58	27.77	29.87
γ 46.0	35.61	29.70	25.16	27.21

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	32.66	27.17	22.97	24.92
γ 48.0	30.00	24.97	21.03	22.93
γ 49.0	27.66	22.96	19.32	21.15
γ 50.0	25.55	21.21	17.77	19.58
γ 51.0	23.62	19.61	16.38	18.19
γ 52.0	21.89	18.17	15.13	16.91
γ 53.0	20.27	16.83	14.03	15.78
γ 54.0	18.78	15.62	13.06	14.74
γ 55.0	17.46	14.52	12.13	13.78
γ 56.0	16.23	13.52	11.33	12.93
γ 57.0	15.12	12.60	10.60	12.13
γ 58.0	14.09	11.75	9.94	11.43
γ 59.0	13.16	10.96	9.34	10.77
γ 60.0	12.32	10.26	8.79	10.17
γ 61.0	11.54	9.58	8.27	9.62
γ 62.0	10.82	8.98	7.81	9.10
γ 63.0	10.15	8.41	7.37	8.63
γ 64.0	9.55	7.91	6.96	8.17
γ 65.0	8.99	7.41	6.58	7.75
γ 66.0	8.46	6.97	6.24	7.36
γ 67.0	7.99	6.53	5.89	6.99
γ 68.0	7.54	6.17	5.58	6.64
γ 69.0	7.12	5.81	5.28	6.32
γ 70.0	6.73	5.46	4.99	6.01
γ 71.0	6.37	5.14	4.72	5.72
γ 72.0	6.03	4.84	4.46	5.44
γ 73.0	5.71	4.55	4.22	5.17
γ 74.0	5.42	4.29	4.00	4.93
γ 75.0	5.15	4.04	3.79	4.69
γ 76.0	4.87	3.82	3.59	4.46
γ 77.0	4.64	3.59	3.38	4.25
γ 78.0	4.40	3.40	3.21	4.05
γ 79.0	4.19	3.20	3.05	3.85
γ 80.0	3.98	3.04	2.89	3.67
γ 81.0	3.78	2.88	2.75	3.52
γ 82.0	3.61	2.74	2.60	3.36
γ 83.0	3.44	2.61	2.47	3.21
γ 84.0	3.30	2.49	2.34	3.09
γ 85.0	3.16	2.38	2.25	2.95
γ 86.0	3.01	2.26	2.16	2.83
γ 87.0	2.89	2.15	2.06	2.68
γ 88.0	2.76	2.02	1.98	2.59
γ 89.0	2.63	1.91	1.90	2.48
γ 90.0	2.49	1.84	1.87	2.38
γ 91.0	2.40	1.80	1.83	2.34
γ 92.0	2.34	1.76	1.80	2.29
γ 93.0	2.30	1.73	1.76	2.24

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.25	1.70	1.74	2.20
γ 95.0	2.20	1.66	1.71	2.16
γ 96.0	2.16	1.63	1.68	2.12
γ 97.0	2.12	1.60	1.66	2.09
γ 98.0	2.08	1.58	1.63	2.06
γ 99.0	2.04	1.55	1.61	2.03
γ 100.0	2.01	1.52	1.60	1.99
γ 101.0	1.97	1.51	1.58	1.97
γ 102.0	1.94	1.48	1.56	1.94
γ 103.0	1.91	1.47	1.54	1.91
γ 104.0	1.88	1.45	1.54	1.90
γ 105.0	1.87	1.43	1.53	1.88
γ 106.0	1.84	1.42	1.52	1.86
γ 107.0	1.81	1.41	1.52	1.85
γ 108.0	1.79	1.40	1.51	1.83
γ 109.0	1.77	1.38	1.51	1.81
γ 110.0	1.76	1.38	1.51	1.80
γ 111.0	1.75	1.38	1.51	1.80
γ 112.0	1.73	1.37	1.51	1.80
γ 113.0	1.73	1.38	1.52	1.80
γ 114.0	1.72	1.39	1.54	1.81
γ 115.0	1.72	1.38	1.55	1.81
γ 116.0	1.73	1.39	1.56	1.81
γ 117.0	1.73	1.41	1.58	1.82
γ 118.0	1.74	1.42	1.60	1.83
γ 119.0	1.74	1.44	1.64	1.85
γ 120.0	1.76	1.46	1.66	1.87
γ 121.0	1.77	1.48	1.69	1.89
γ 122.0	1.78	1.50	1.72	1.91
γ 123.0	1.80	1.53	1.75	1.94
γ 124.0	1.83	1.56	1.79	1.98
γ 125.0	1.86	1.59	1.83	2.01
γ 126.0	1.88	1.63	1.87	2.04
γ 127.0	1.91	1.66	1.92	2.08
γ 128.0	1.93	1.71	1.96	2.12
γ 129.0	1.97	1.74	2.01	2.16
γ 130.0	2.01	1.78	2.06	2.19
γ 131.0	2.04	1.83	2.10	2.24
γ 132.0	2.08	1.87	2.16	2.29
γ 133.0	2.13	1.91	2.20	2.33
γ 134.0	2.16	1.97	2.26	2.39
γ 135.0	2.21	2.01	2.32	2.44
γ 136.0	2.26	2.07	2.38	2.49
γ 137.0	2.30	2.12	2.43	2.54
γ 138.0	2.36	2.17	2.48	2.60
γ 139.0	2.41	2.22	2.55	2.65
γ 140.0	2.45	2.27	2.61	2.70

IES Indoor Report

Photometric Filename:MD13-06-XX-01 4000K RA90 50.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.52	2.33	2.67	2.75
γ 142.0	2.56	2.39	2.72	2.81
γ 143.0	2.62	2.45	2.78	2.86
γ 144.0	2.67	2.51	2.84	2.91
γ 145.0	2.72	2.57	2.89	2.96
γ 146.0	2.78	2.61	2.96	3.01
γ 147.0	2.84	2.68	3.01	3.06
γ 148.0	2.89	2.73	3.06	3.11
γ 149.0	2.95	2.80	3.11	3.16
γ 150.0	3.00	2.85	3.16	3.20
γ 151.0	3.04	2.90	3.21	3.25
γ 152.0	3.11	2.96	3.26	3.29
γ 153.0	3.16	3.01	3.31	3.34
γ 154.0	3.20	3.06	3.34	3.37
γ 155.0	3.25	3.11	3.39	3.40
γ 156.0	3.29	3.15	3.42	3.45
γ 157.0	3.34	3.19	3.45	3.47
γ 158.0	3.38	3.23	3.50	3.50
γ 159.0	3.42	3.28	3.53	3.54
γ 160.0	3.46	3.33	3.57	3.57
γ 161.0	3.49	3.36	3.58	3.59
γ 162.0	3.53	3.40	3.62	3.62
γ 163.0	3.57	3.43	3.65	3.65
γ 164.0	3.60	3.47	3.68	3.67
γ 165.0	3.64	3.50	3.70	3.69
γ 166.0	3.67	3.54	3.72	3.72
γ 167.0	3.71	3.57	3.75	3.74
γ 168.0	3.73	3.60	3.78	3.76
γ 169.0	3.77	3.63	3.79	3.79
γ 170.0	3.78	3.65	3.82	3.80
γ 171.0	3.82	3.68	3.83	3.82
γ 172.0	3.84	3.70	3.86	3.84
γ 173.0	3.86	3.73	3.87	3.86
γ 174.0	3.88	3.76	3.90	3.87
γ 175.0	3.90	3.77	3.90	3.89
γ 176.0	3.92	3.79	3.92	3.89
γ 177.0	3.94	3.81	3.93	3.91
γ 178.0	3.94	3.81	3.95	3.91
γ 179.0	3.95	3.82	3.95	3.92
γ 180.0	3.93	3.93	3.93	3.93