

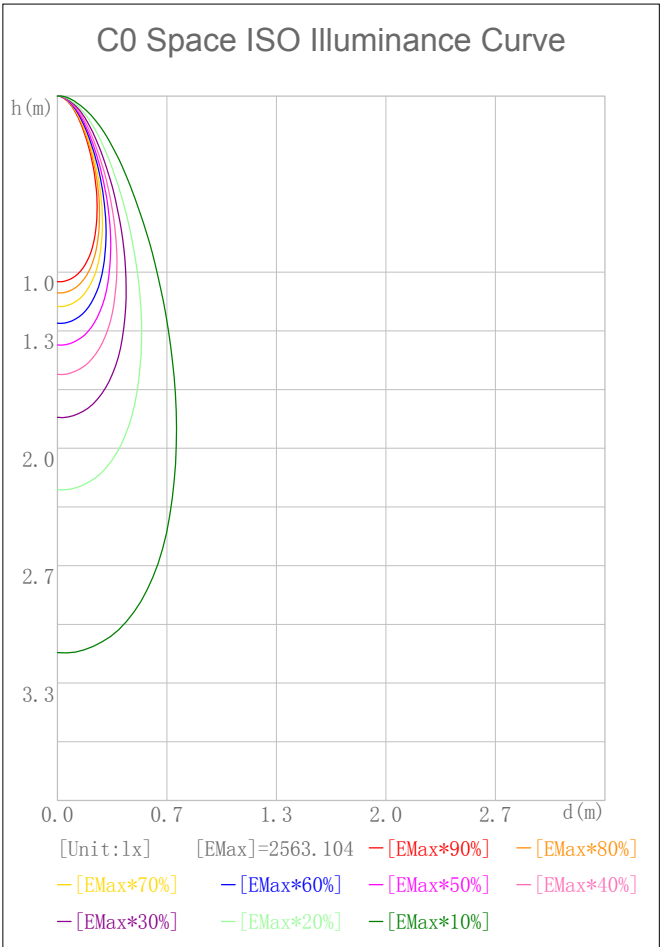
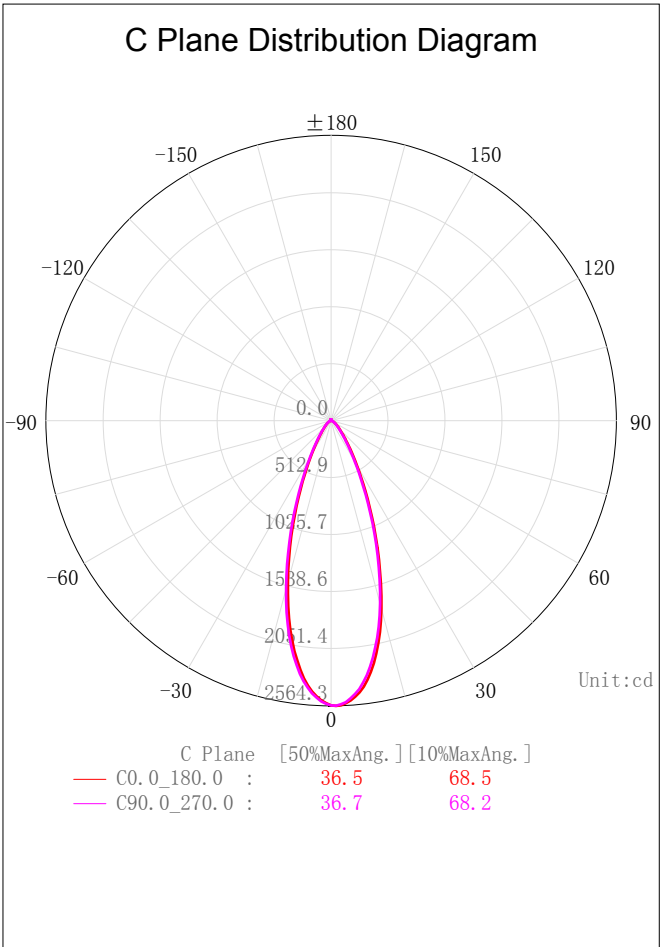
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-XX-01 4000K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/12/24
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*0.750m	Lum. Area (m2): 0.040	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity(%):

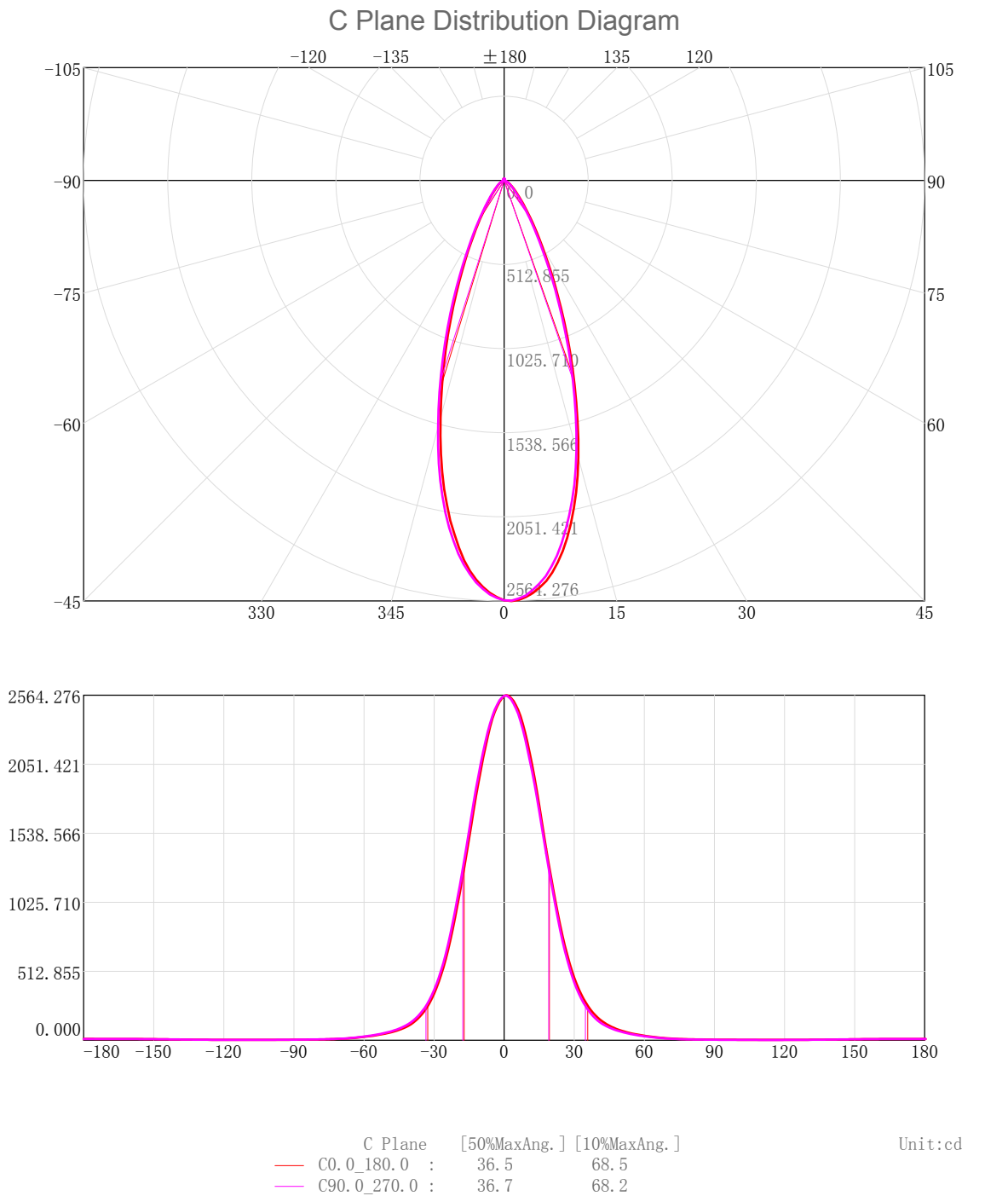
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1323.550	Luminary Flux(lm): 1323.545	Field Angle(10%Imax): 68.5(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1289.829lm 97.45%
Rated Voltage(V):	Luminary EER(lm/W): 106.480	Up Lumens&Percent: 33.716lm 2.55%
Tested Power(W): 12.430	Max. Candela(cd): 2564.276	S/MH: C0_a180=0.595 C90_270=0.599
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf): 240.2, 0.054	Beam Angle(50%Imax): 36.5(°)	ErP Φ use(90°): 1173.465lm
Lamp Size (W*L*H): 0.050m*0.050m*0.750m	Left=-17.1°, Right=19.4°	IRF(%): 418.191



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-XX-01 4000K RA90 36D	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: 2019/12/24



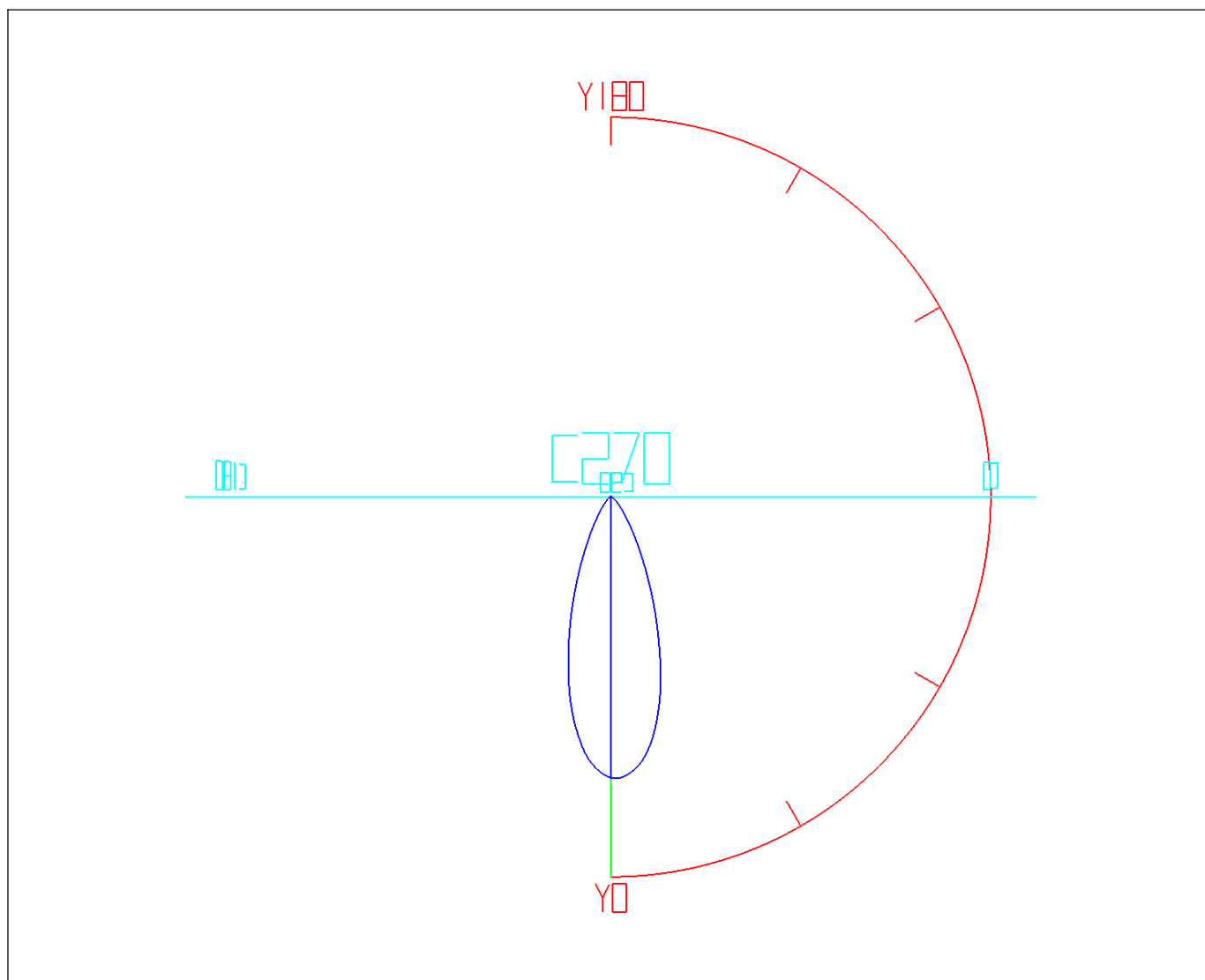
IES Indoor Report

Photometric Filename:MD10-13-XX-01 4000K RA90 36D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-XX-01 4000K RA90 36D	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: 2019/12/24

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

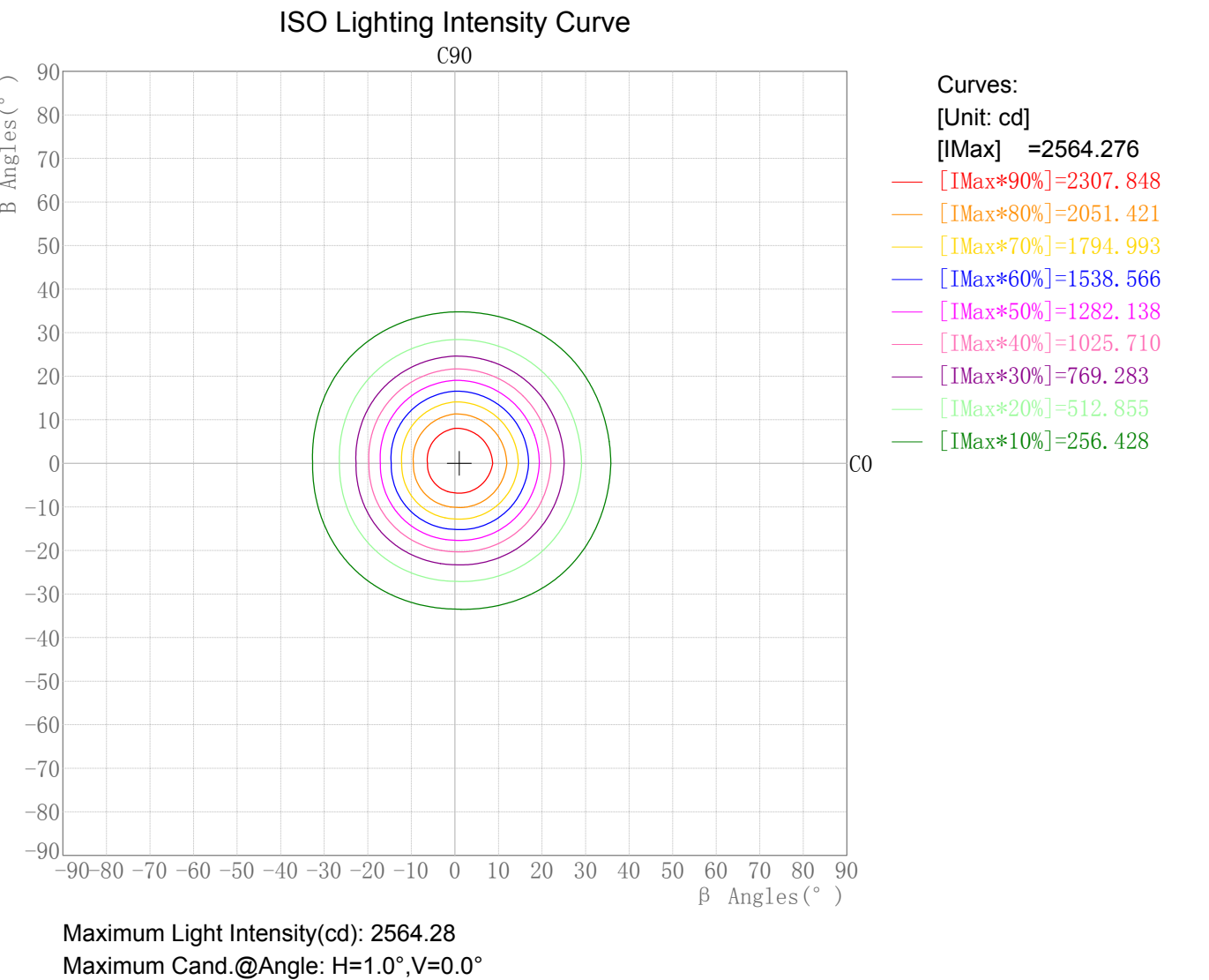
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	2.45	2.45	0.18	0.18	47.0-48.0	6.14	1202.18	0.46	90.83
1.0-2.0	7.31	9.75	0.55	0.74	48.0-49.0	5.77	1207.95	0.44	91.27
2.0-3.0	12.08	21.83	0.91	1.65	49.0-50.0	5.43	1213.38	0.41	91.68
3.0-4.0	16.71	38.54	1.26	2.91	50.0-51.0	5.11	1218.49	0.39	92.06
4.0-5.0	21.16	59.70	1.60	4.51	51.0-52.0	4.81	1223.31	0.36	92.43
5.0-6.0	25.38	85.09	1.92	6.43	52.0-53.0	4.53	1227.84	0.34	92.77
6.0-7.0	29.32	114.41	2.22	8.64	53.0-54.0	4.27	1232.11	0.32	93.09
7.0-8.0	32.90	147.31	2.49	11.13	54.0-55.0	4.02	1236.13	0.30	93.39
8.0-9.0	36.12	183.43	2.73	13.86	55.0-56.0	3.78	1239.91	0.29	93.68
9.0-10.0	38.94	222.37	2.94	16.80	56.0-57.0	3.55	1243.46	0.27	93.95
10.0-11.0	41.31	263.69	3.12	19.92	57.0-58.0	3.34	1246.80	0.25	94.20
11.0-12.0	43.24	306.93	3.27	23.19	58.0-59.0	3.13	1249.93	0.24	94.44
12.0-13.0	44.70	351.62	3.38	26.57	59.0-60.0	2.94	1252.87	0.22	94.66
13.0-14.0	45.66	397.28	3.45	30.02	60.0-61.0	2.75	1255.62	0.21	94.87
14.0-15.0	46.12	443.40	3.48	33.50	61.0-62.0	2.57	1258.19	0.19	95.06
15.0-16.0	46.13	489.53	3.49	36.99	62.0-63.0	2.39	1260.58	0.18	95.24
16.0-17.0	45.74	535.27	3.46	40.44	63.0-64.0	2.22	1262.81	0.17	95.41
17.0-18.0	45.01	580.28	3.40	43.84	64.0-65.0	2.07	1264.87	0.16	95.57
18.0-19.0	43.96	624.24	3.32	47.16	65.0-66.0	1.92	1266.79	0.14	95.71
19.0-20.0	42.63	666.87	3.22	50.38	66.0-67.0	1.77	1268.56	0.13	95.85
20.0-21.0	41.03	707.89	3.10	53.48	67.0-68.0	1.63	1270.19	0.12	95.97
21.0-22.0	39.23	747.12	2.96	56.45	68.0-69.0	1.52	1271.71	0.11	96.08
22.0-23.0	37.28	784.40	2.82	59.27	69.0-70.0	1.41	1273.12	0.11	96.19
23.0-24.0	35.20	819.60	2.66	61.92	70.0-71.0	1.31	1274.43	0.10	96.29
24.0-25.0	33.06	852.66	2.50	64.42	71.0-72.0	1.23	1275.66	0.09	96.38
25.0-26.0	30.96	883.62	2.34	66.76	72.0-73.0	1.15	1276.82	0.09	96.47
26.0-27.0	28.88	912.50	2.18	68.94	73.0-74.0	1.08	1277.90	0.08	96.55
27.0-28.0	26.84	939.34	2.03	70.97	74.0-75.0	1.02	1278.92	0.08	96.63
28.0-29.0	24.89	964.23	1.88	72.85	75.0-76.0	0.96	1279.88	0.07	96.70
29.0-30.0	23.05	987.28	1.74	74.59	76.0-77.0	0.90	1280.78	0.07	96.77
30.0-31.0	21.31	1008.59	1.61	76.20	77.0-78.0	0.85	1281.63	0.06	96.83
31.0-32.0	19.70	1028.29	1.49	77.69	78.0-79.0	0.82	1282.45	0.06	96.89
32.0-33.0	18.19	1046.48	1.37	79.07	79.0-80.0	0.78	1283.23	0.06	96.95
33.0-34.0	16.79	1063.27	1.27	80.33	80.0-81.0	0.76	1283.99	0.06	97.01
34.0-35.0	15.48	1078.75	1.17	81.50	81.0-82.0	0.74	1284.73	0.06	97.07
35.0-36.0	14.28	1093.02	1.08	82.58	82.0-83.0	0.71	1285.44	0.05	97.12
36.0-37.0	13.17	1106.20	1.00	83.58	83.0-84.0	0.69	1286.13	0.05	97.17
37.0-38.0	12.17	1118.37	0.92	84.50	84.0-85.0	0.67	1286.80	0.05	97.22
38.0-39.0	11.26	1129.63	0.85	85.35	85.0-86.0	0.65	1287.45	0.05	97.27
39.0-40.0	10.45	1140.08	0.79	86.14	86.0-87.0	0.63	1288.08	0.05	97.32
40.0-41.0	9.71	1149.79	0.73	86.87	87.0-88.0	0.60	1288.68	0.05	97.37
41.0-42.0	9.04	1158.84	0.68	87.56	88.0-89.0	0.58	1289.26	0.04	97.41
42.0-43.0	8.44	1167.28	0.64	88.19	89.0-90.0	0.57	1289.83	0.04	97.45
43.0-44.0	7.89	1175.17	0.60	88.79	90.0-91.0	0.55	1290.38	0.04	97.49
44.0-45.0	7.40	1182.57	0.56	89.35	91.0-92.0	0.54	1290.92	0.04	97.53
45.0-46.0	6.95	1189.51	0.52	89.87	92.0-93.0	0.53	1291.45	0.04	97.57
46.0-47.0	6.53	1196.04	0.49	90.37	93.0-94.0	0.52	1291.96	0.04	97.61

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	0.50	1292.46	0.04	97.65	141.0-142.0	0.46	1311.72	0.03	99.11
95.0-96.0	0.49	1292.96	0.04	97.69	142.0-143.0	0.46	1312.18	0.04	99.14
96.0-97.0	0.48	1293.44	0.04	97.73	143.0-144.0	0.47	1312.65	0.04	99.18
97.0-98.0	0.47	1293.92	0.04	97.76	144.0-145.0	0.47	1313.12	0.04	99.21
98.0-99.0	0.46	1294.38	0.04	97.80	145.0-146.0	0.47	1313.59	0.04	99.25
99.0-100.0	0.46	1294.84	0.03	97.83	146.0-147.0	0.47	1314.06	0.04	99.28
100.0-101.0	0.45	1295.28	0.03	97.86	147.0-148.0	0.47	1314.53	0.04	99.32
101.0-102.0	0.44	1295.72	0.03	97.90	148.0-149.0	0.47	1314.99	0.04	99.35
102.0-103.0	0.43	1296.15	0.03	97.93	149.0-150.0	0.46	1315.46	0.04	99.39
103.0-104.0	0.42	1296.58	0.03	97.96	150.0-151.0	0.46	1315.92	0.03	99.42
104.0-105.0	0.42	1297.00	0.03	97.99	151.0-152.0	0.45	1316.37	0.03	99.46
105.0-106.0	0.41	1297.41	0.03	98.02	152.0-153.0	0.45	1316.82	0.03	99.49
106.0-107.0	0.41	1297.81	0.03	98.06	153.0-154.0	0.44	1317.26	0.03	99.52
107.0-108.0	0.40	1298.21	0.03	98.09	154.0-155.0	0.43	1317.69	0.03	99.56
108.0-109.0	0.39	1298.61	0.03	98.12	155.0-156.0	0.42	1318.11	0.03	99.59
109.0-110.0	0.39	1299.00	0.03	98.14	156.0-157.0	0.41	1318.53	0.03	99.62
110.0-111.0	0.39	1299.38	0.03	98.17	157.0-158.0	0.40	1318.93	0.03	99.65
111.0-112.0	0.38	1299.76	0.03	98.20	158.0-159.0	0.39	1319.31	0.03	99.68
112.0-113.0	0.38	1300.14	0.03	98.23	159.0-160.0	0.37	1319.69	0.03	99.71
113.0-114.0	0.37	1300.52	0.03	98.26	160.0-161.0	0.36	1320.05	0.03	99.74
114.0-115.0	0.37	1300.89	0.03	98.29	161.0-162.0	0.35	1320.39	0.03	99.76
115.0-116.0	0.37	1301.26	0.03	98.32	162.0-163.0	0.33	1320.72	0.02	99.79
116.0-117.0	0.37	1301.63	0.03	98.34	163.0-164.0	0.31	1321.04	0.02	99.81
117.0-118.0	0.37	1301.99	0.03	98.37	164.0-165.0	0.30	1321.33	0.02	99.83
118.0-119.0	0.37	1302.36	0.03	98.40	165.0-166.0	0.28	1321.61	0.02	99.85
119.0-120.0	0.37	1302.73	0.03	98.43	166.0-167.0	0.26	1321.87	0.02	99.87
120.0-121.0	0.37	1303.09	0.03	98.45	167.0-168.0	0.24	1322.12	0.02	99.89
121.0-122.0	0.37	1303.46	0.03	98.48	168.0-169.0	0.22	1322.34	0.02	99.91
122.0-123.0	0.37	1303.83	0.03	98.51	169.0-170.0	0.21	1322.55	0.02	99.92
123.0-124.0	0.37	1304.21	0.03	98.54	170.0-171.0	0.19	1322.74	0.01	99.94
124.0-125.0	0.38	1304.58	0.03	98.57	171.0-172.0	0.17	1322.90	0.01	99.95
125.0-126.0	0.38	1304.96	0.03	98.60	172.0-173.0	0.15	1323.05	0.01	99.96
126.0-127.0	0.38	1305.34	0.03	98.62	173.0-174.0	0.13	1323.18	0.01	99.97
127.0-128.0	0.39	1305.73	0.03	98.65	174.0-175.0	0.11	1323.29	0.01	99.98
128.0-129.0	0.39	1306.12	0.03	98.68	175.0-176.0	0.09	1323.38	0.01	99.99
129.0-130.0	0.40	1306.52	0.03	98.71	176.0-177.0	0.07	1323.45	0.01	99.99
130.0-131.0	0.40	1306.92	0.03	98.74	177.0-178.0	0.05	1323.50	0.00	100.00
131.0-132.0	0.41	1307.32	0.03	98.77	178.0-179.0	0.03	1323.54	0.00	100.00
132.0-133.0	0.41	1307.74	0.03	98.81	179.0-180.0	0.01	1323.55	0.00	100.00
133.0-134.0	0.42	1308.16	0.03	98.84					
134.0-135.0	0.43	1308.58	0.03	98.87					
135.0-136.0	0.43	1309.02	0.03	98.90					
136.0-137.0	0.44	1309.45	0.03	98.93					
137.0-138.0	0.44	1309.90	0.03	98.97					
138.0-139.0	0.45	1310.34	0.03	99.00					
139.0-140.0	0.45	1310.80	0.03	99.04					
140.0-141.0	0.46	1311.26	0.03	99.07					

Rectangle ISO Lighting Intensity Diagram

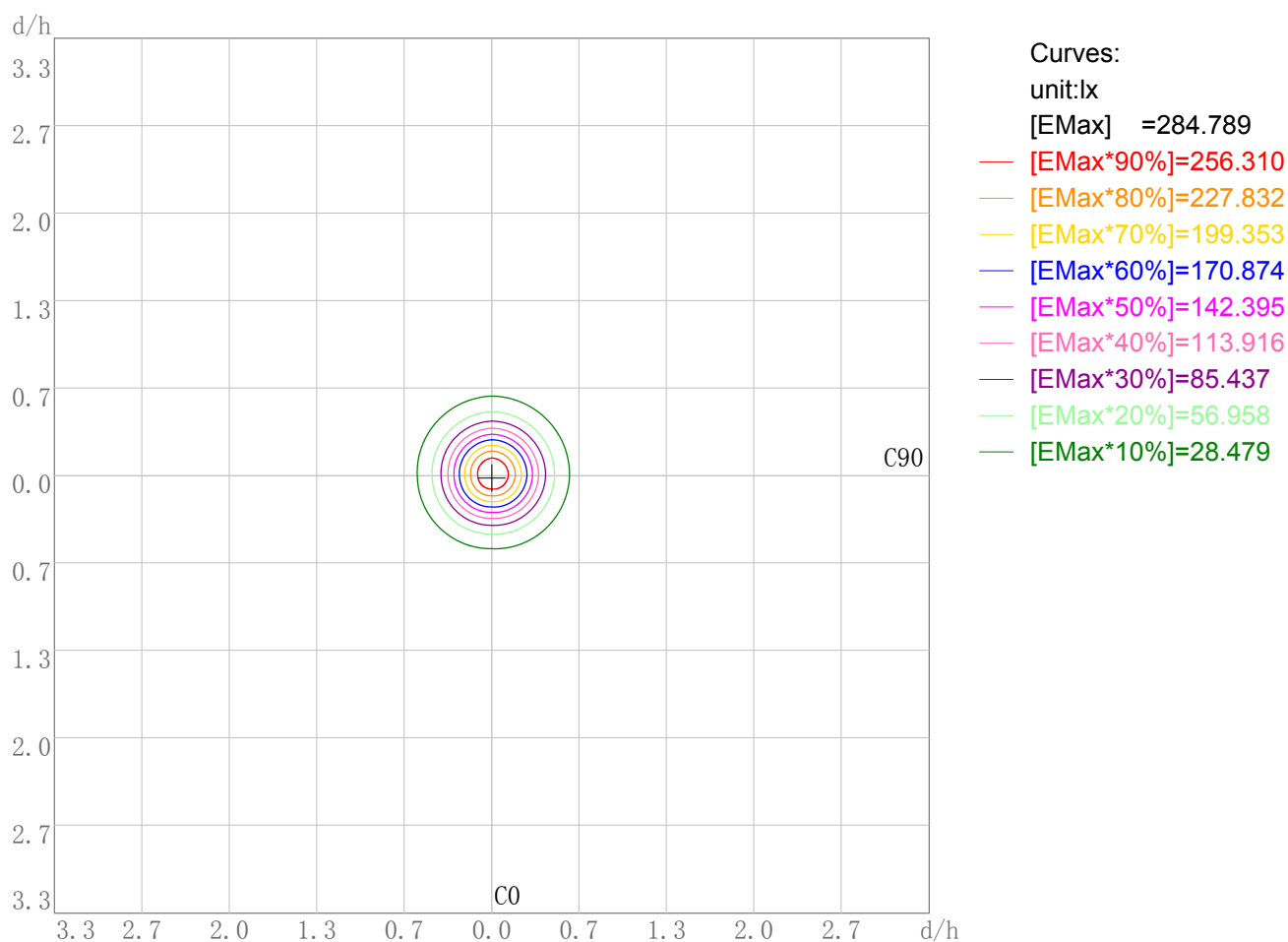
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Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/24



Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-XX-01 4000K RA90 36D	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: 2019/12/24

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 284.79

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

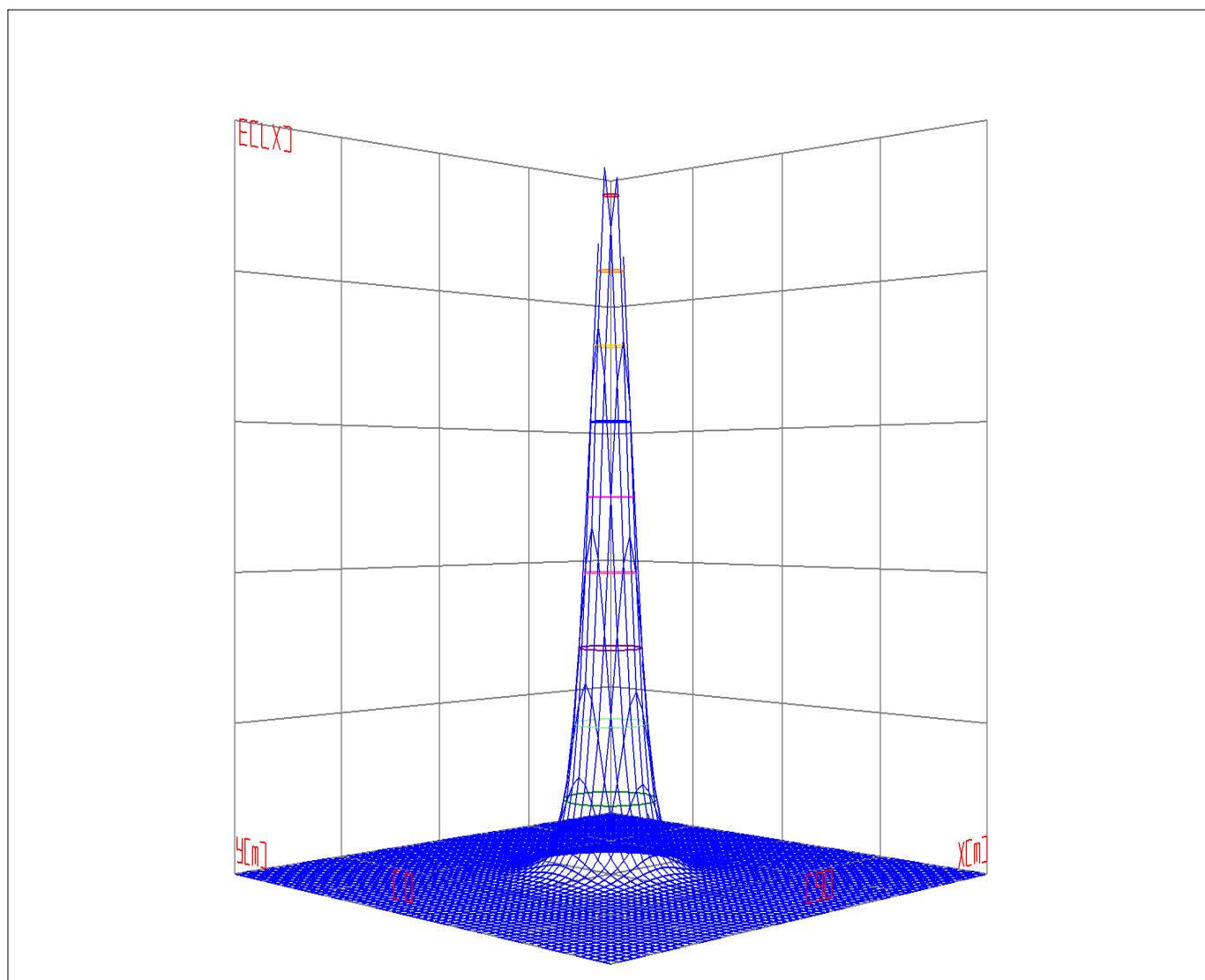
IES Indoor Report

Photometric Filename:MD10-13-XX-01 4000K RA90 36D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-XX-01 4000K RA90 36D	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: 2019/12/24

3D Plane Illuminance Modal

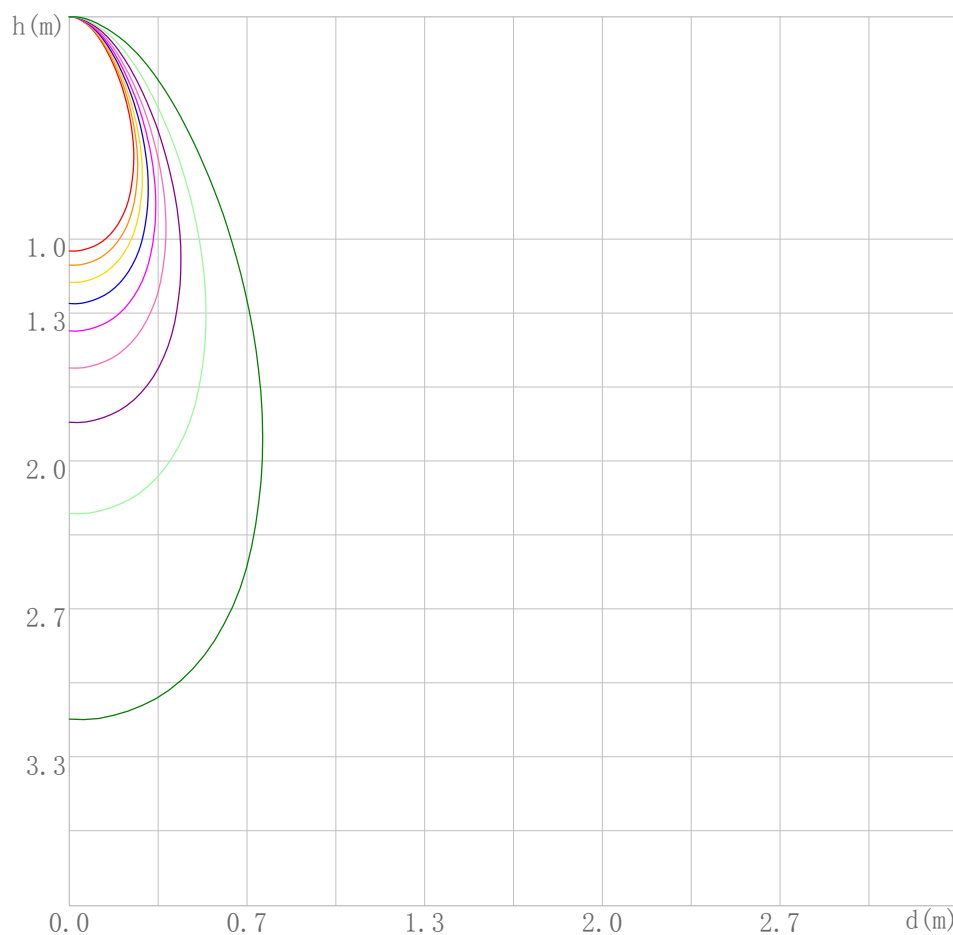


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-13-XX-01 4000K RA90 36D	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: 2019/12/24

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =2563.104

— [EMax*90%]=2306.794

— [EMax*80%]=2050.484

— [EMax*70%]=1794.173

— [EMax*60%]=1537.863

— [EMax*50%]=1281.552

— [EMax*40%]=1025.242

— [EMax*30%]=768.931

— [EMax*20%]=512.621

— [EMax*10%]=256.310

Space Plane Maximum Illuminance and @Angle:2563.10lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:2564.276cd,0deg

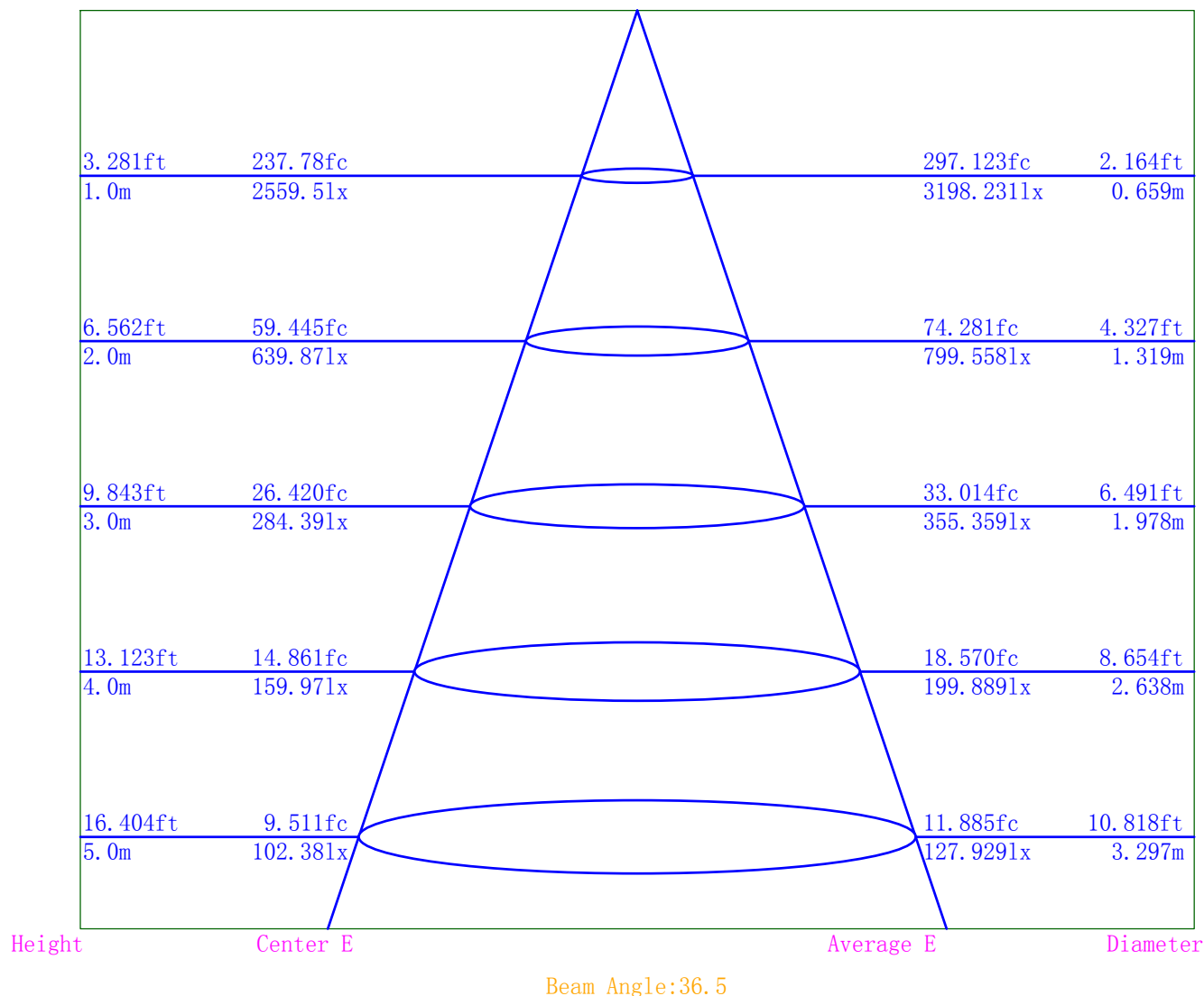
IES Indoor Report

Photometric Filename:MD10-13-XX-01 4000K RA90 36D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-13-XX-01 4000K RA90 36D	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: 2019/12/24

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-13-XX-01 4000K RA90 36D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-XX-01 4000K RA90 36D	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: 2019/12/24

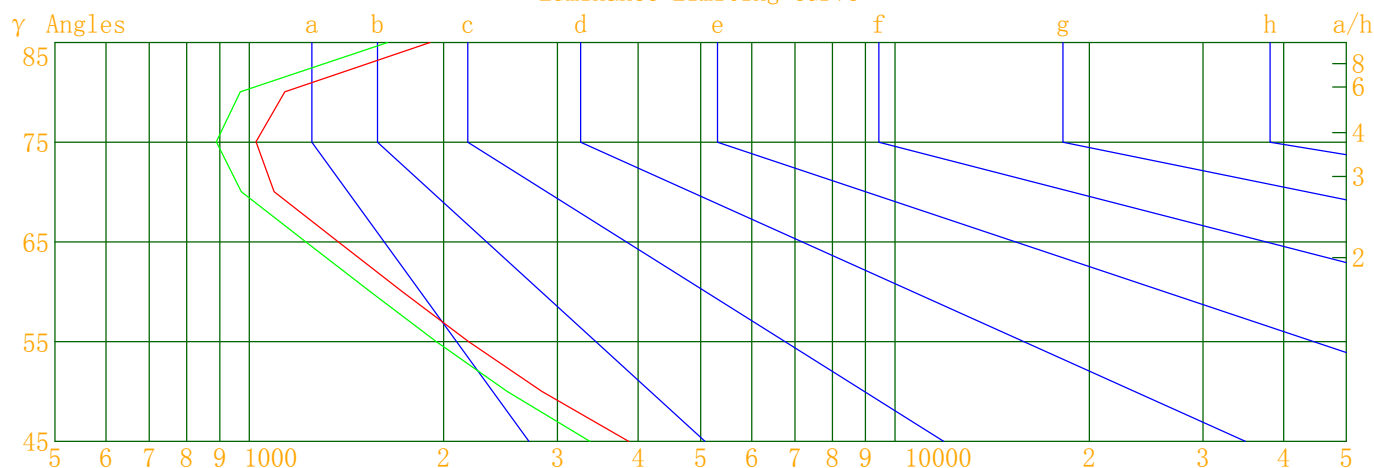
Glare Grade Table

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	3868	2839	2184	1724	1372	1093	1024	1135	1905
C90	3369	2508	1947	1539	1222	972	889	968	1638

Luminance Limiting Curve



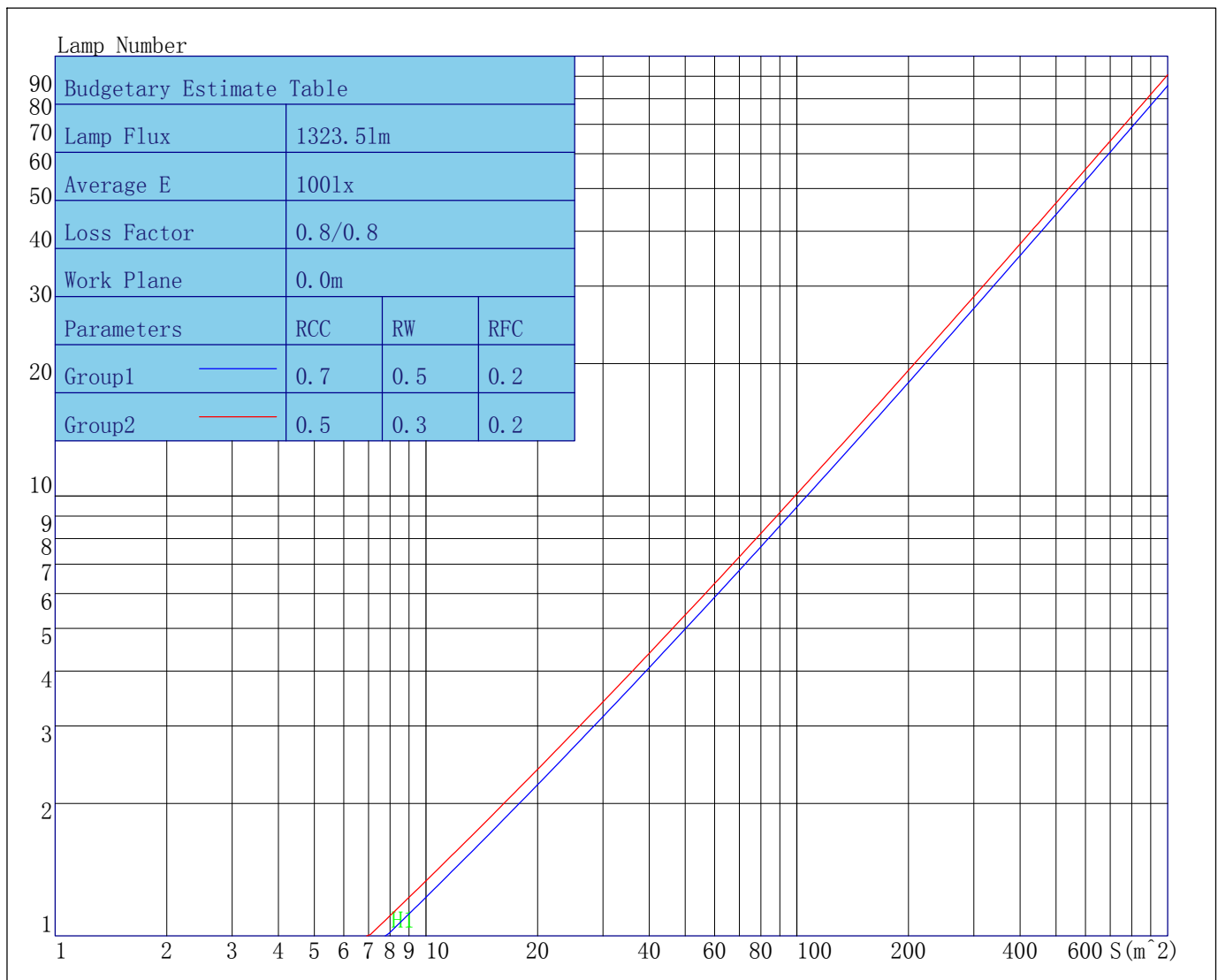
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.750 Area(m²)=0.040000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-XX-01 4000K RA90 36D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-XX-01 4000K RA90 36D	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: 2019/12/24



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 7 columns: Coef., Effective Floor Cavity Reflectance RFC=0.20, RhoCC (%), RhoW (%), RCR, Coefficient of Utilization(%), and numerical data values.

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) with Y-axis variations. Includes a section for Variations with the observer position at spacings and a 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	2559.48	2559.48	2559.48	2559.48
γ 1.0	2564.28	2561.81	2540.16	2545.86
γ 2.0	2559.31	2550.33	2515.00	2525.36
γ 3.0	2543.08	2533.61	2480.98	2492.83
γ 4.0	2521.29	2502.49	2439.92	2455.99
γ 5.0	2490.56	2466.87	2390.49	2408.23
γ 6.0	2455.06	2426.26	2329.53	2354.50
γ 7.0	2408.73	2371.20	2255.93	2293.12
γ 8.0	2351.59	2310.70	2177.70	2219.35
γ 9.0	2286.77	2240.51	2099.03	2143.03
γ 10.0	2213.61	2162.05	2007.82	2059.25
γ 11.0	2132.55	2080.11	1915.95	1967.39
γ 12.0	2043.72	1993.90	1816.74	1872.30
γ 13.0	1951.27	1903.20	1712.53	1771.08
γ 14.0	1853.03	1805.68	1604.88	1665.64
γ 15.0	1748.72	1704.63	1498.91	1556.47
γ 16.0	1640.28	1598.48	1394.23	1451.02
γ 17.0	1531.22	1494.03	1292.59	1348.18
γ 18.0	1423.47	1389.84	1192.62	1247.22
γ 19.0	1321.76	1287.75	1095.94	1148.10
γ 20.0	1220.70	1187.15	1001.49	1052.98
γ 21.0	1123.15	1090.04	910.59	960.15
γ 22.0	1029.73	995.81	825.44	874.03
γ 23.0	940.78	904.64	745.48	791.04
γ 24.0	855.06	818.07	671.10	712.89
γ 25.0	776.18	739.08	602.66	641.39
γ 26.0	703.03	665.66	540.98	576.52
γ 27.0	635.21	598.48	484.59	517.10
γ 28.0	572.83	536.95	432.72	463.25
γ 29.0	516.92	481.04	386.69	415.26
γ 30.0	465.62	430.61	345.65	372.54
γ 31.0	420.21	385.99	308.66	333.97
γ 32.0	379.25	346.45	275.75	299.66
γ 33.0	342.47	310.99	246.58	268.82
γ 34.0	308.96	278.93	220.71	241.50
γ 35.0	278.25	249.94	198.01	217.68
γ 36.0	251.08	224.29	178.06	196.20
γ 37.0	227.01	201.37	160.40	177.42
γ 38.0	205.80	181.26	144.50	160.72
γ 39.0	187.17	163.79	130.84	145.98
γ 40.0	170.26	148.44	118.85	132.98
γ 41.0	155.27	134.77	108.53	121.75
γ 42.0	141.77	122.89	99.32	111.52
γ 43.0	129.86	112.50	91.02	102.50
γ 44.0	118.99	103.28	83.87	94.39
γ 45.0	109.40	95.30	77.55	87.10
γ 46.0	100.67	88.05	71.80	80.53

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	92.77	81.35	66.76	74.57
γ 48.0	85.57	75.26	62.09	69.17
γ 49.0	78.96	69.59	57.70	64.13
γ 50.0	72.99	64.50	53.60	59.52
γ 51.0	67.60	59.82	49.90	55.26
γ 52.0	62.65	55.57	46.46	51.40
γ 53.0	58.18	51.65	43.29	47.71
γ 54.0	53.95	48.02	40.31	44.35
γ 55.0	50.11	44.66	37.48	41.15
γ 56.0	46.54	41.52	34.91	38.19
γ 57.0	43.23	38.51	32.49	35.47
γ 58.0	40.06	35.75	30.22	32.98
γ 59.0	37.19	33.18	28.08	30.66
γ 60.0	34.49	30.77	26.08	28.47
γ 61.0	31.85	28.47	24.09	26.31
γ 62.0	29.49	26.37	22.17	24.27
γ 63.0	27.26	24.35	20.42	22.31
γ 64.0	25.17	22.44	18.74	20.63
γ 65.0	23.19	20.66	17.27	18.93
γ 66.0	21.31	18.93	15.89	17.58
γ 67.0	19.61	17.38	14.34	15.66
γ 68.0	18.00	15.95	13.31	14.55
γ 69.0	16.68	14.61	12.41	13.64
γ 70.0	14.95	13.29	11.53	12.76
γ 71.0	13.92	12.39	10.72	11.95
γ 72.0	13.00	11.51	9.99	11.21
γ 73.0	12.11	10.66	9.33	10.53
γ 74.0	11.32	9.89	8.71	9.89
γ 75.0	10.60	9.20	8.13	9.31
γ 76.0	9.92	8.55	7.63	8.82
γ 77.0	9.29	7.92	7.22	8.36
γ 78.0	8.73	7.37	6.96	8.02
γ 79.0	8.25	6.98	6.70	7.73
γ 80.0	7.89	6.73	6.48	7.46
γ 81.0	7.61	6.50	6.27	7.21
γ 82.0	7.34	6.28	6.06	6.97
γ 83.0	7.11	6.09	5.87	6.73
γ 84.0	6.87	5.89	5.67	6.52
γ 85.0	6.64	5.71	5.47	6.31
γ 86.0	6.43	5.51	5.24	6.09
γ 87.0	6.24	5.32	5.05	5.85
γ 88.0	6.01	5.09	4.89	5.65
γ 89.0	5.76	4.89	4.78	5.50
γ 90.0	5.56	4.76	4.66	5.36
γ 91.0	5.43	4.65	4.57	5.23
γ 92.0	5.29	4.55	4.47	5.12
γ 93.0	5.18	4.45	4.38	5.01

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	5.07	4.36	4.30	4.90
γ 95.0	4.95	4.27	4.21	4.81
γ 96.0	4.86	4.20	4.14	4.71
γ 97.0	4.76	4.12	4.07	4.63
γ 98.0	4.67	4.05	4.01	4.54
γ 99.0	4.59	3.98	3.96	4.47
γ 100.0	4.50	3.92	3.91	4.40
γ 101.0	4.43	3.86	3.86	4.33
γ 102.0	4.35	3.80	3.82	4.27
γ 103.0	4.28	3.74	3.79	4.22
γ 104.0	4.21	3.70	3.74	4.17
γ 105.0	4.16	3.66	3.72	4.12
γ 106.0	4.10	3.61	3.70	4.09
γ 107.0	4.05	3.59	3.68	4.04
γ 108.0	4.00	3.55	3.67	4.02
γ 109.0	3.95	3.51	3.65	3.99
γ 110.0	3.92	3.49	3.65	3.97
γ 111.0	3.88	3.47	3.65	3.95
γ 112.0	3.85	3.47	3.66	3.95
γ 113.0	3.83	3.45	3.68	3.95
γ 114.0	3.80	3.44	3.70	3.95
γ 115.0	3.79	3.44	3.73	3.97
γ 116.0	3.78	3.45	3.76	3.99
γ 117.0	3.78	3.46	3.80	4.00
γ 118.0	3.78	3.49	3.84	4.04
γ 119.0	3.79	3.51	3.91	4.08
γ 120.0	3.81	3.55	3.97	4.13
γ 121.0	3.83	3.59	4.04	4.18
γ 122.0	3.87	3.64	4.12	4.26
γ 123.0	3.91	3.69	4.21	4.32
γ 124.0	3.97	3.76	4.30	4.41
γ 125.0	4.03	3.83	4.41	4.50
γ 126.0	4.09	3.92	4.52	4.59
γ 127.0	4.18	4.00	4.66	4.72
γ 128.0	4.26	4.12	4.79	4.83
γ 129.0	4.37	4.22	4.92	4.95
γ 130.0	4.48	4.34	5.07	5.10
γ 131.0	4.59	4.47	5.23	5.24
γ 132.0	4.73	4.62	5.40	5.40
γ 133.0	4.88	4.78	5.57	5.57
γ 134.0	5.02	4.93	5.76	5.73
γ 135.0	5.17	5.11	5.94	5.90
γ 136.0	5.33	5.27	6.12	6.09
γ 137.0	5.51	5.46	6.31	6.26
γ 138.0	5.69	5.65	6.51	6.45
γ 139.0	5.88	5.83	6.72	6.63
γ 140.0	6.07	6.04	6.92	6.83

IES Indoor Report

Photometric Filename:MD10-13-XX-01 4000K RA90 36D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	6.26	6.22	7.12	7.03
γ 142.0	6.45	6.42	7.33	7.23
γ 143.0	6.65	6.62	7.54	7.42
γ 144.0	6.85	6.84	7.74	7.62
γ 145.0	7.06	7.03	7.95	7.81
γ 146.0	7.26	7.23	8.14	8.01
γ 147.0	7.47	7.43	8.33	8.19
γ 148.0	7.67	7.63	8.52	8.38
γ 149.0	7.89	7.82	8.71	8.55
γ 150.0	8.07	8.01	8.88	8.73
γ 151.0	8.26	8.19	9.06	8.90
γ 152.0	8.44	8.37	9.21	9.03
γ 153.0	8.62	8.56	9.37	9.19
γ 154.0	8.81	8.71	9.51	9.33
γ 155.0	8.95	8.87	9.64	9.44
γ 156.0	9.10	9.02	9.76	9.57
γ 157.0	9.24	9.16	9.87	9.67
γ 158.0	9.39	9.29	9.97	9.76
γ 159.0	9.51	9.40	10.06	9.85
γ 160.0	9.62	9.52	10.13	9.93
γ 161.0	9.73	9.63	10.20	10.00
γ 162.0	9.81	9.72	10.26	10.04
γ 163.0	9.91	9.81	10.32	10.10
γ 164.0	9.98	9.89	10.37	10.14
γ 165.0	10.04	9.95	10.40	10.18
γ 166.0	10.10	10.01	10.44	10.21
γ 167.0	10.16	10.06	10.46	10.24
γ 168.0	10.20	10.10	10.49	10.27
γ 169.0	10.25	10.15	10.52	10.30
γ 170.0	10.30	10.19	10.54	10.32
γ 171.0	10.33	10.22	10.55	10.34
γ 172.0	10.38	10.24	10.58	10.37
γ 173.0	10.41	10.29	10.60	10.40
γ 174.0	10.46	10.32	10.63	10.44
γ 175.0	10.49	10.35	10.63	10.47
γ 176.0	10.53	10.40	10.66	10.51
γ 177.0	10.58	10.45	10.66	10.53
γ 178.0	10.62	10.48	10.69	10.57
γ 179.0	10.66	10.52	10.70	10.58
γ 180.0	10.64	10.64	10.64	10.64