

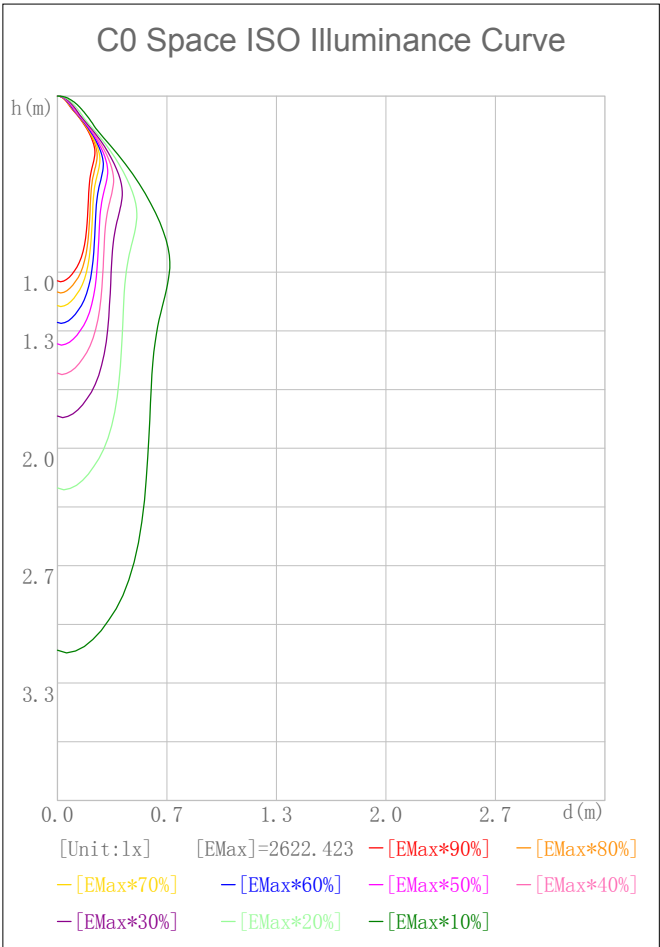
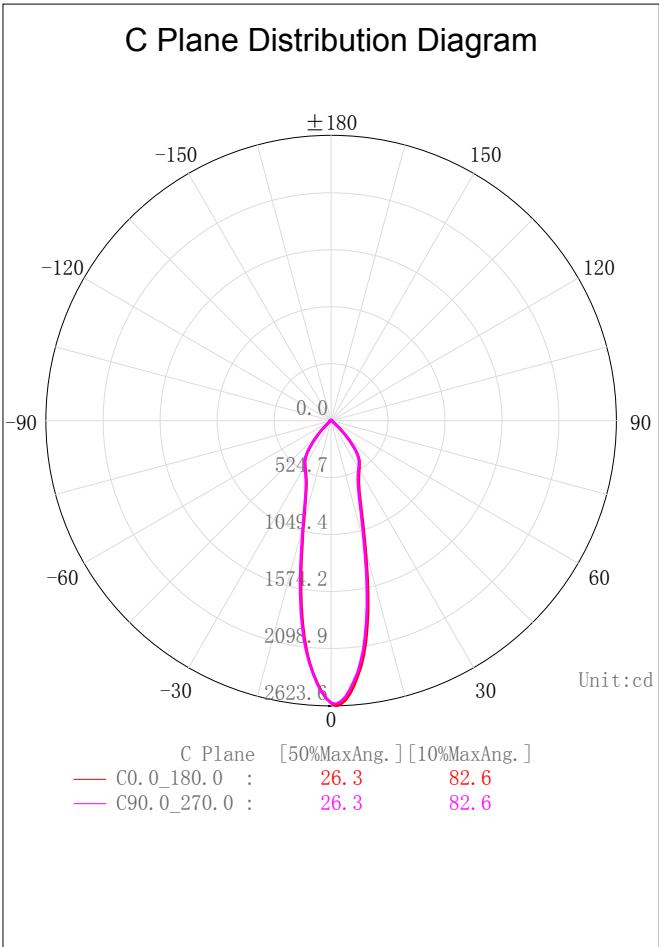
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-XX-02 4000K RA90 25D	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): 1206.840	Luminary Flux(lm): 1206.837	Field Angle(10%Imax): 82.6(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1202.078lm 99.61%
Rated Voltage(V):	Luminary EER(lm/W): 96.857	Up Lumens&Percent: 4.759lm 0.39%
Tested Power(W): 12.460	Max. Candela(cd): 2623.622	S/MH: C0_a180=0.445 C90_270=0.443
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf): 240.4, 0.054	Beam Angle(50%Imax): 26.3(°)	ErP Φ use(90°): 1117.383lm
Lamp Size (W*L*H): 0.050m*0.050m*0.750m	Left=-12.0°, Right=14.3°	IRF(%): 450.191



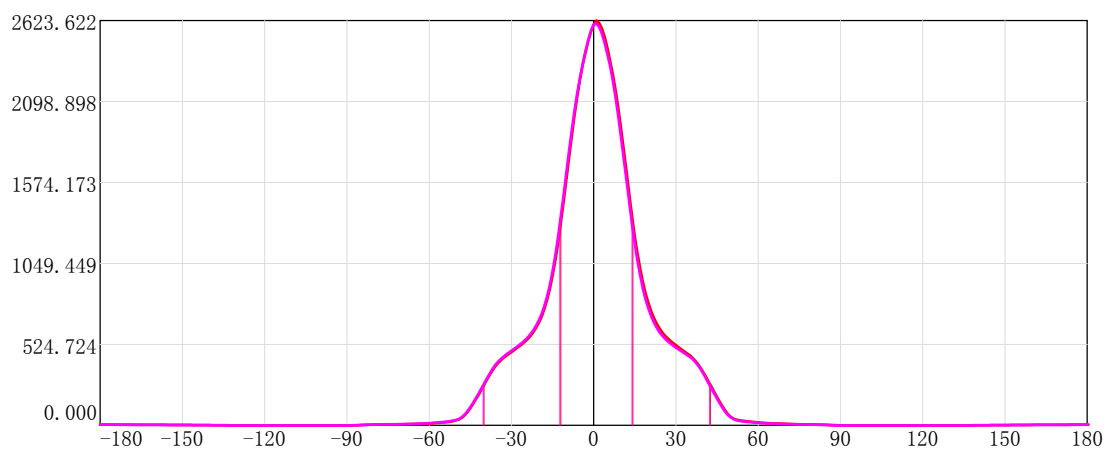
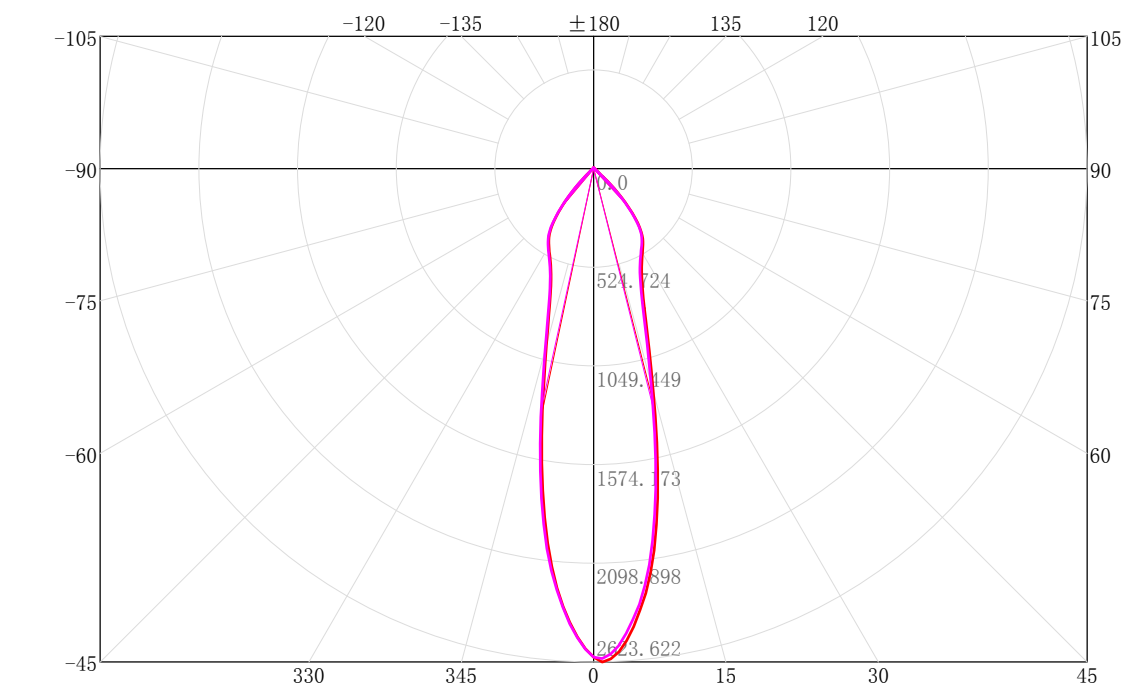
IES Indoor Report

Photometric Filename:MD10-13-XX-02 4000K RA90 25D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-XX-02 4000K RA90 25D	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

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
C0.0_180.0 : 26.3 82.6
C90.0_270.0 : 26.3 82.6

Unit:cd

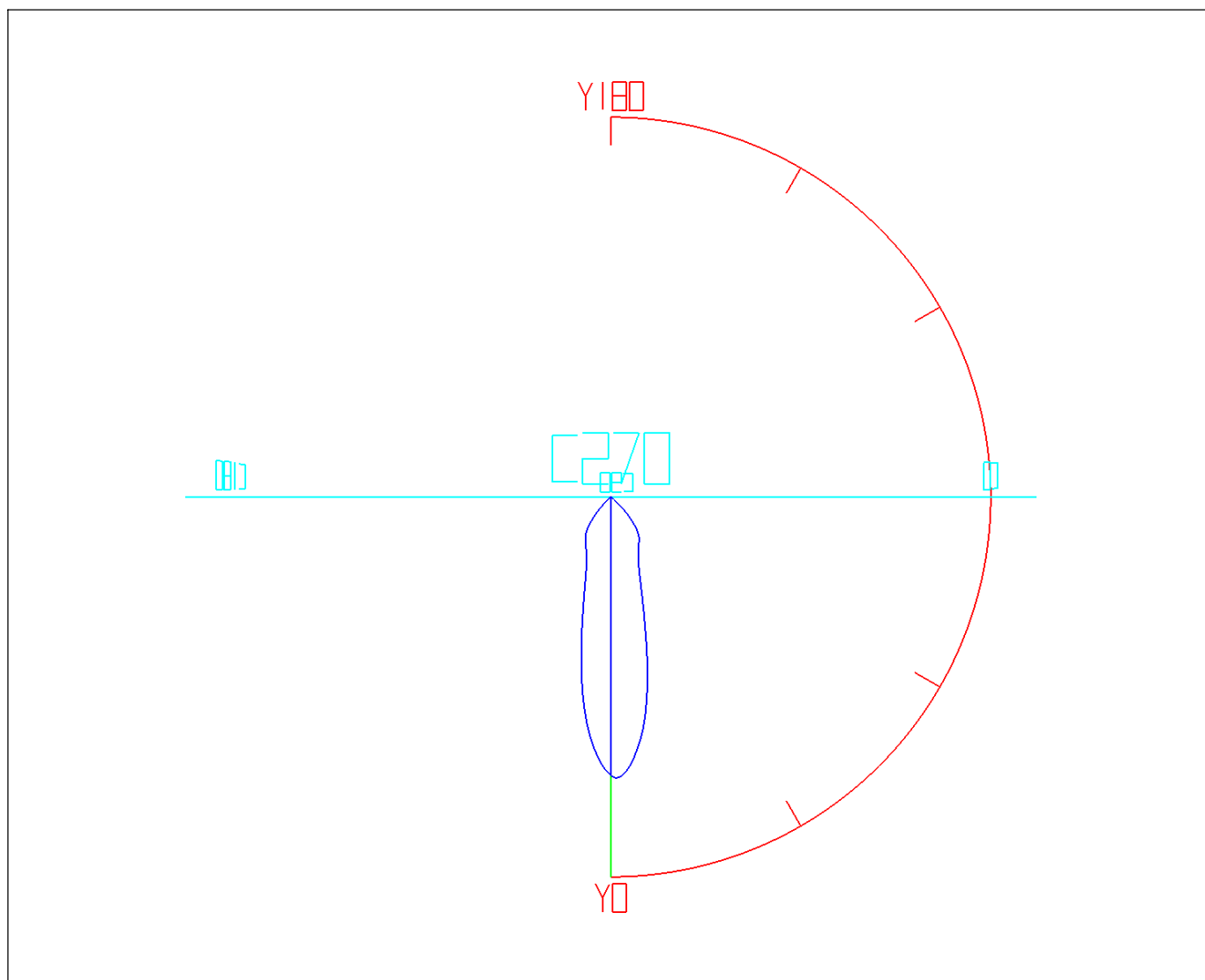
IES Indoor Report

Photometric Filename:MD10-13-XX-02 4000K RA90 25D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-XX-02 4000K RA90 25D	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

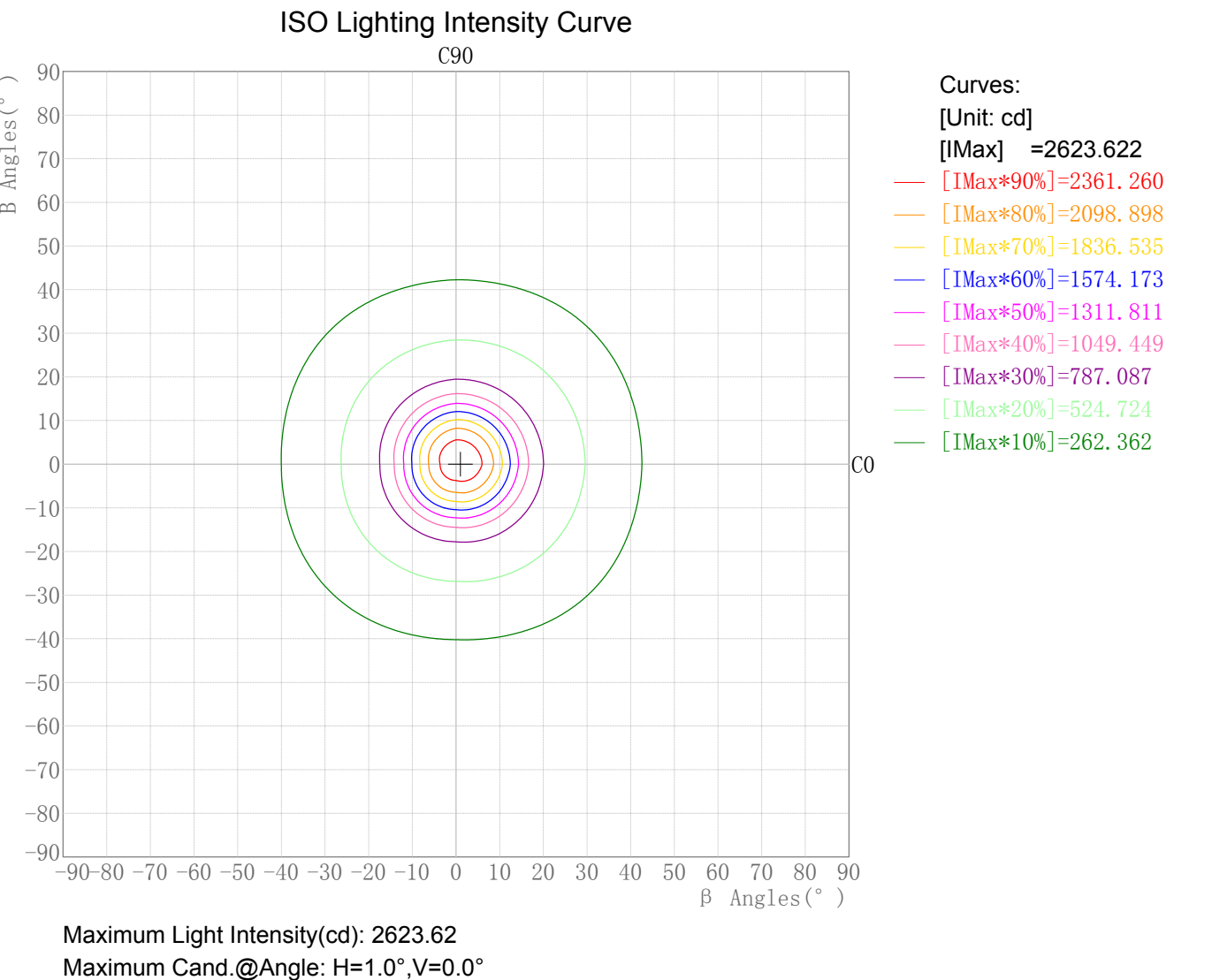
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	2.48	2.48	0.21	0.21	47.0-48.0	6.72	1147.81	0.56	95.11
1.0-2.0	7.36	9.84	0.61	0.82	48.0-49.0	5.27	1153.08	0.44	95.55
2.0-3.0	12.04	21.88	1.00	1.81	49.0-50.0	4.17	1157.25	0.35	95.89
3.0-4.0	16.42	38.29	1.36	3.17	50.0-51.0	3.41	1160.66	0.28	96.17
4.0-5.0	20.44	58.73	1.69	4.87	51.0-52.0	2.90	1163.56	0.24	96.41
5.0-6.0	24.05	82.77	1.99	6.86	52.0-53.0	2.59	1166.16	0.21	96.63
6.0-7.0	27.18	109.95	2.25	9.11	53.0-54.0	2.38	1168.54	0.20	96.83
7.0-8.0	29.75	139.70	2.47	11.58	54.0-55.0	2.21	1170.75	0.18	97.01
8.0-9.0	31.69	171.40	2.63	14.20	55.0-56.0	2.06	1172.82	0.17	97.18
9.0-10.0	32.97	204.37	2.73	16.93	56.0-57.0	1.92	1174.74	0.16	97.34
10.0-11.0	33.63	238.00	2.79	19.72	57.0-58.0	1.80	1176.54	0.15	97.49
11.0-12.0	33.70	271.69	2.79	22.51	58.0-59.0	1.68	1178.22	0.14	97.63
12.0-13.0	33.25	304.94	2.75	25.27	59.0-60.0	1.57	1179.79	0.13	97.76
13.0-14.0	32.45	337.39	2.69	27.96	60.0-61.0	1.47	1181.26	0.12	97.88
14.0-15.0	31.51	368.89	2.61	30.57	61.0-62.0	1.39	1182.65	0.11	98.00
15.0-16.0	30.53	399.42	2.53	33.10	62.0-63.0	1.31	1183.96	0.11	98.10
16.0-17.0	29.60	429.02	2.45	35.55	63.0-64.0	1.24	1185.20	0.10	98.21
17.0-18.0	28.75	457.77	2.38	37.93	64.0-65.0	1.18	1186.38	0.10	98.31
18.0-19.0	27.99	485.75	2.32	40.25	65.0-66.0	1.13	1187.51	0.09	98.40
19.0-20.0	27.38	513.13	2.27	42.52	66.0-67.0	1.07	1188.58	0.09	98.49
20.0-21.0	26.94	540.07	2.23	44.75	67.0-68.0	1.02	1189.61	0.08	98.57
21.0-22.0	26.65	566.72	2.21	46.96	68.0-69.0	0.98	1190.58	0.08	98.65
22.0-23.0	26.48	593.20	2.19	49.15	69.0-70.0	0.93	1191.52	0.08	98.73
23.0-24.0	26.42	619.61	2.19	51.34	70.0-71.0	0.89	1192.41	0.07	98.80
24.0-25.0	26.44	646.05	2.19	53.53	71.0-72.0	0.85	1193.25	0.07	98.87
25.0-26.0	26.53	672.58	2.20	55.73	72.0-73.0	0.81	1194.06	0.07	98.94
26.0-27.0	26.65	699.23	2.21	57.94	73.0-74.0	0.78	1194.84	0.06	99.01
27.0-28.0	26.81	726.03	2.22	60.16	74.0-75.0	0.75	1195.58	0.06	99.07
28.0-29.0	26.96	753.00	2.23	62.39	75.0-76.0	0.72	1196.31	0.06	99.13
29.0-30.0	27.11	780.10	2.25	64.64	76.0-77.0	0.70	1197.01	0.06	99.19
30.0-31.0	27.23	807.34	2.26	66.90	77.0-78.0	0.68	1197.69	0.06	99.24
31.0-32.0	27.32	834.66	2.26	69.16	78.0-79.0	0.66	1198.35	0.05	99.30
32.0-33.0	27.35	862.01	2.27	71.43	79.0-80.0	0.63	1198.98	0.05	99.35
33.0-34.0	27.27	889.29	2.26	73.69	80.0-81.0	0.59	1199.57	0.05	99.40
34.0-35.0	27.06	916.35	2.24	75.93	81.0-82.0	0.54	1200.11	0.04	99.44
35.0-36.0	26.65	943.00	2.21	78.14	82.0-83.0	0.49	1200.60	0.04	99.48
36.0-37.0	25.98	968.98	2.15	80.29	83.0-84.0	0.43	1201.02	0.04	99.52
37.0-38.0	24.99	993.97	2.07	82.36	84.0-85.0	0.36	1201.38	0.03	99.55
38.0-39.0	23.73	1017.70	1.97	84.33	85.0-86.0	0.28	1201.66	0.02	99.57
39.0-40.0	22.20	1039.90	1.84	86.17	86.0-87.0	0.20	1201.86	0.02	99.59
40.0-41.0	20.46	1060.36	1.70	87.86	87.0-88.0	0.12	1201.99	0.01	99.60
41.0-42.0	18.55	1078.91	1.54	89.40	88.0-89.0	0.06	1202.05	0.01	99.60
42.0-43.0	16.53	1095.44	1.37	90.77	89.0-90.0	0.03	1202.08	0.00	99.61
43.0-44.0	14.46	1109.90	1.20	91.97	90.0-91.0	0.02	1202.09	0.00	99.61
44.0-45.0	12.39	1122.30	1.03	92.99	91.0-92.0	0.01	1202.10	0.00	99.61
45.0-46.0	10.36	1132.65	0.86	93.85	92.0-93.0	0.00	1202.11	0.00	99.61
46.0-47.0	8.44	1141.09	0.70	94.55	93.0-94.0	0.00	1202.11	0.00	99.61

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	0.00	1202.11	0.00	99.61	141.0-142.0	0.10	1202.66	0.01	99.65
95.0-96.0	0.00	1202.11	0.00	99.61	142.0-143.0	0.11	1202.77	0.01	99.66
96.0-97.0	0.00	1202.11	0.00	99.61	143.0-144.0	0.11	1202.88	0.01	99.67
97.0-98.0	0.00	1202.11	0.00	99.61	144.0-145.0	0.12	1203.01	0.01	99.68
98.0-99.0	0.00	1202.11	0.00	99.61	145.0-146.0	0.13	1203.13	0.01	99.69
99.0-100.0	0.00	1202.11	0.00	99.61	146.0-147.0	0.13	1203.27	0.01	99.70
100.0-101.0	0.00	1202.11	0.00	99.61	147.0-148.0	0.14	1203.41	0.01	99.72
101.0-102.0	0.00	1202.11	0.00	99.61	148.0-149.0	0.14	1203.55	0.01	99.73
102.0-103.0	0.00	1202.11	0.00	99.61	149.0-150.0	0.15	1203.70	0.01	99.74
103.0-104.0	0.00	1202.11	0.00	99.61	150.0-151.0	0.15	1203.84	0.01	99.75
104.0-105.0	0.00	1202.11	0.00	99.61	151.0-152.0	0.15	1203.99	0.01	99.76
105.0-106.0	0.00	1202.11	0.00	99.61	152.0-153.0	0.15	1204.15	0.01	99.78
106.0-107.0	0.00	1202.11	0.00	99.61	153.0-154.0	0.15	1204.30	0.01	99.79
107.0-108.0	0.00	1202.11	0.00	99.61	154.0-155.0	0.15	1204.45	0.01	99.80
108.0-109.0	0.00	1202.11	0.00	99.61	155.0-156.0	0.15	1204.60	0.01	99.81
109.0-110.0	0.00	1202.11	0.00	99.61	156.0-157.0	0.15	1204.76	0.01	99.83
110.0-111.0	0.00	1202.11	0.00	99.61	157.0-158.0	0.15	1204.91	0.01	99.84
111.0-112.0	0.00	1202.11	0.00	99.61	158.0-159.0	0.15	1205.05	0.01	99.85
112.0-113.0	0.00	1202.11	0.00	99.61	159.0-160.0	0.14	1205.20	0.01	99.86
113.0-114.0	0.00	1202.11	0.00	99.61	160.0-161.0	0.14	1205.34	0.01	99.88
114.0-115.0	0.00	1202.11	0.00	99.61	161.0-162.0	0.14	1205.48	0.01	99.89
115.0-116.0	0.00	1202.11	0.00	99.61	162.0-163.0	0.13	1205.61	0.01	99.90
116.0-117.0	0.00	1202.11	0.00	99.61	163.0-164.0	0.13	1205.74	0.01	99.91
117.0-118.0	0.00	1202.11	0.00	99.61	164.0-165.0	0.12	1205.87	0.01	99.92
118.0-119.0	0.00	1202.11	0.00	99.61	165.0-166.0	0.12	1205.98	0.01	99.93
119.0-120.0	0.00	1202.11	0.00	99.61	166.0-167.0	0.11	1206.10	0.01	99.94
120.0-121.0	0.00	1202.11	0.00	99.61	167.0-168.0	0.10	1206.20	0.01	99.95
121.0-122.0	0.00	1202.11	0.00	99.61	168.0-169.0	0.10	1206.30	0.01	99.96
122.0-123.0	0.00	1202.11	0.00	99.61	169.0-170.0	0.09	1206.39	0.01	99.96
123.0-124.0	0.00	1202.11	0.00	99.61	170.0-171.0	0.08	1206.47	0.01	99.97
124.0-125.0	0.00	1202.11	0.00	99.61	171.0-172.0	0.08	1206.55	0.01	99.98
125.0-126.0	0.00	1202.11	0.00	99.61	172.0-173.0	0.07	1206.61	0.01	99.98
126.0-127.0	0.00	1202.11	0.00	99.61	173.0-174.0	0.06	1206.67	0.00	99.99
127.0-128.0	0.00	1202.11	0.00	99.61	174.0-175.0	0.05	1206.72	0.00	99.99
128.0-129.0	0.00	1202.11	0.00	99.61	175.0-176.0	0.04	1206.76	0.00	99.99
129.0-130.0	0.00	1202.11	0.00	99.61	176.0-177.0	0.03	1206.80	0.00	100.00
130.0-131.0	0.00	1202.11	0.00	99.61	177.0-178.0	0.02	1206.82	0.00	100.00
131.0-132.0	0.01	1202.12	0.00	99.61	178.0-179.0	0.01	1206.83	0.00	100.00
132.0-133.0	0.02	1202.14	0.00	99.61	179.0-180.0	0.00	1206.84	0.00	100.00
133.0-134.0	0.02	1202.16	0.00	99.61					
134.0-135.0	0.03	1202.19	0.00	99.61					
135.0-136.0	0.04	1202.23	0.00	99.62					
136.0-137.0	0.05	1202.27	0.00	99.62					
137.0-138.0	0.06	1202.33	0.00	99.63					
138.0-139.0	0.07	1202.40	0.01	99.63					
139.0-140.0	0.08	1202.48	0.01	99.64					
140.0-141.0	0.09	1202.57	0.01	99.65					

Rectangle ISO Lighting Intensity Diagram

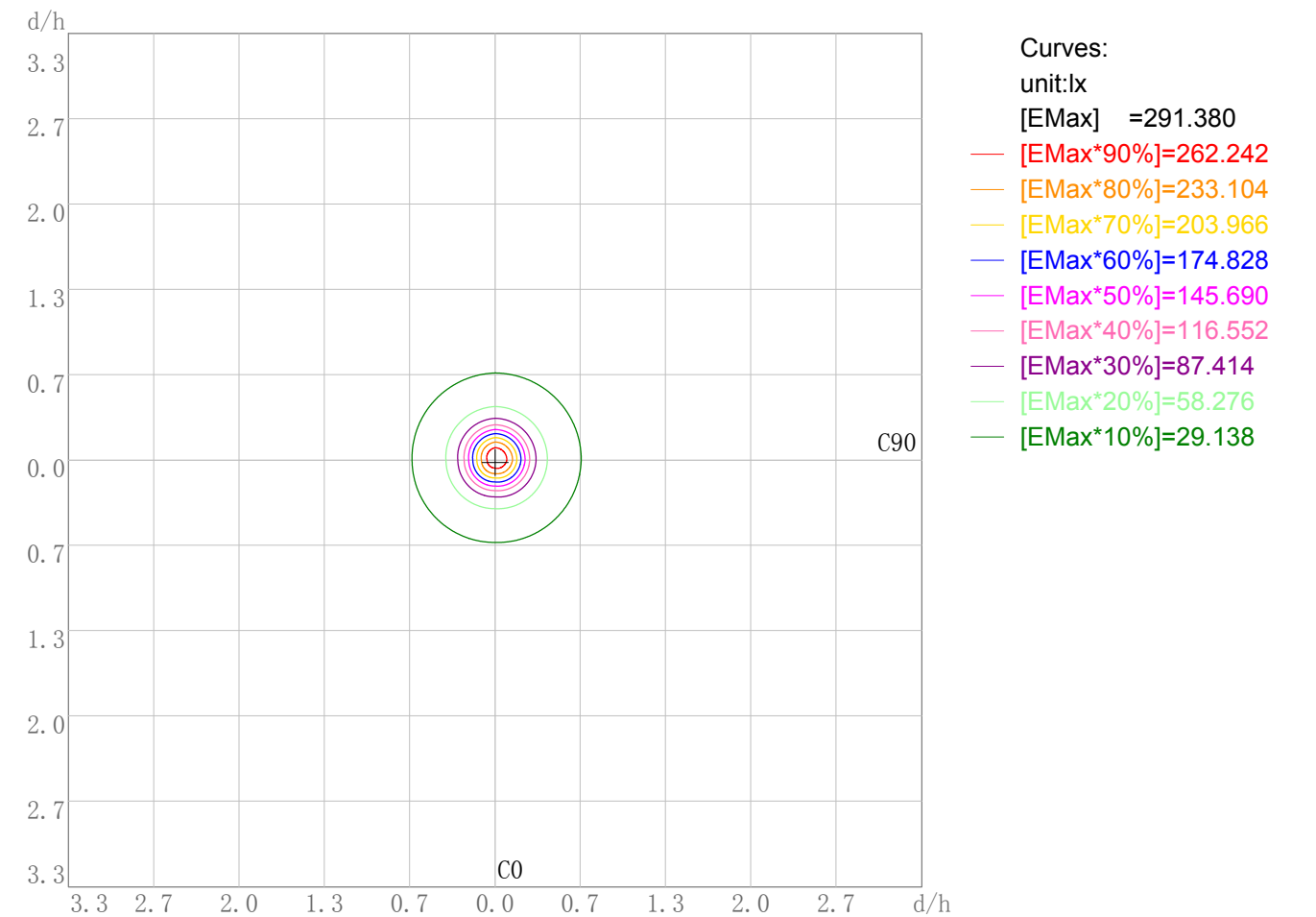
Lum. Name:MD10-13-XX-02 4000K RA90 25D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/24



Plane ISO-Illuminance Diagram

Lum. Name:MD10-13-XX-02 4000K RA90 25D	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



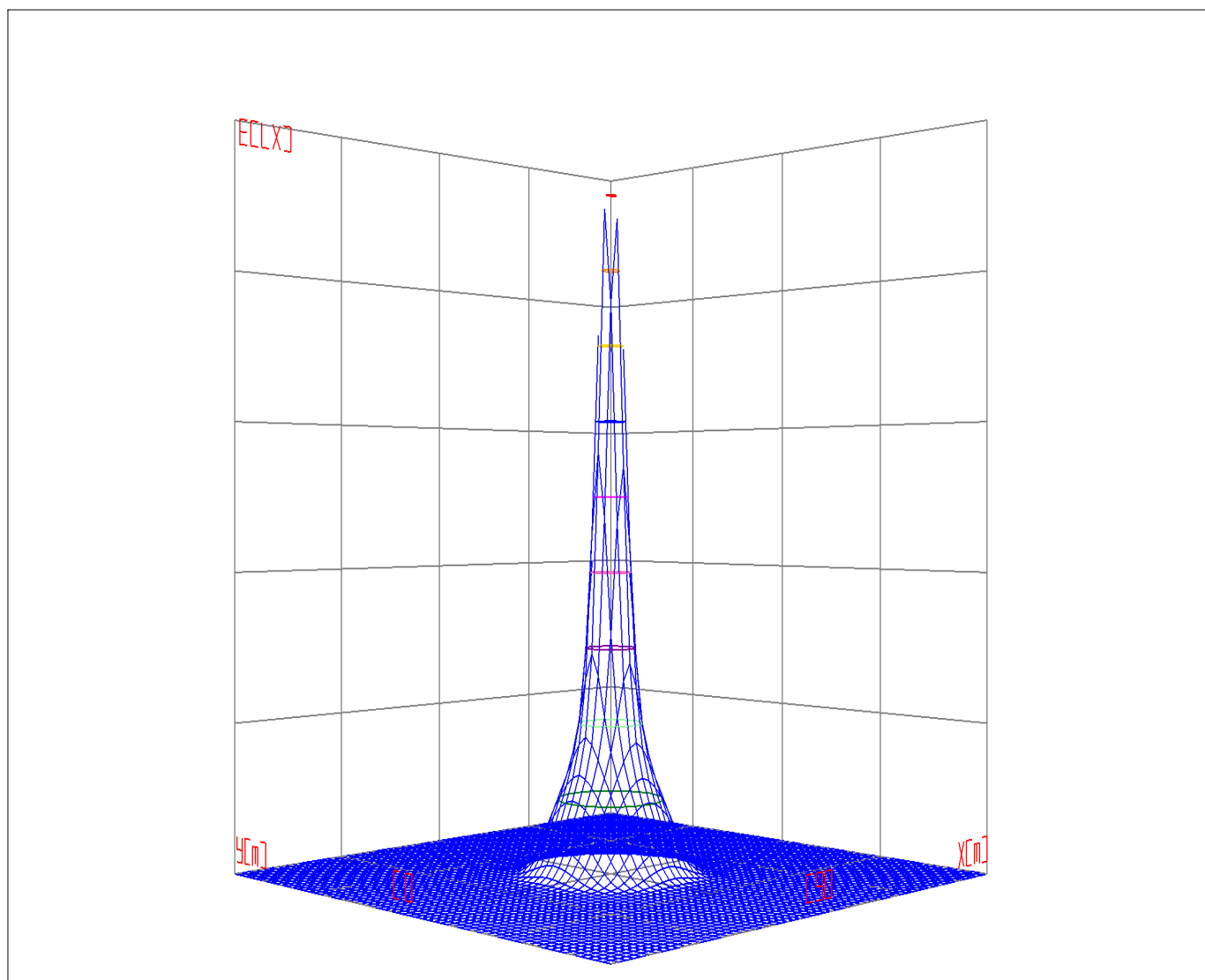
IES Indoor Report

Photometric Filename:MD10-13-XX-02 4000K RA90 25D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-XX-02 4000K RA90 25D	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

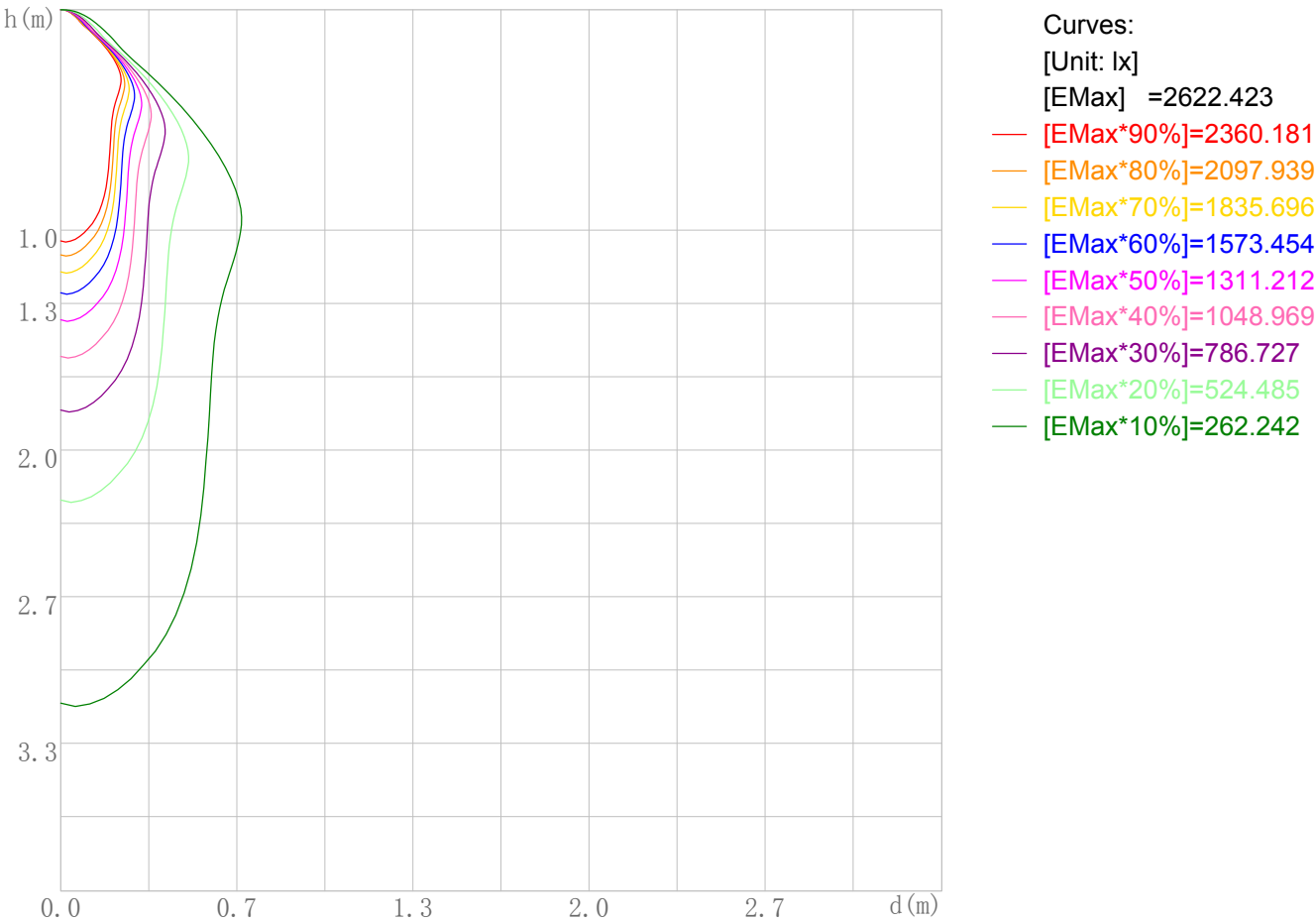


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name:MD10-13-XX-02 4000K RA90 25D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/12/24

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:2622.42lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:2623.622cd,0deg

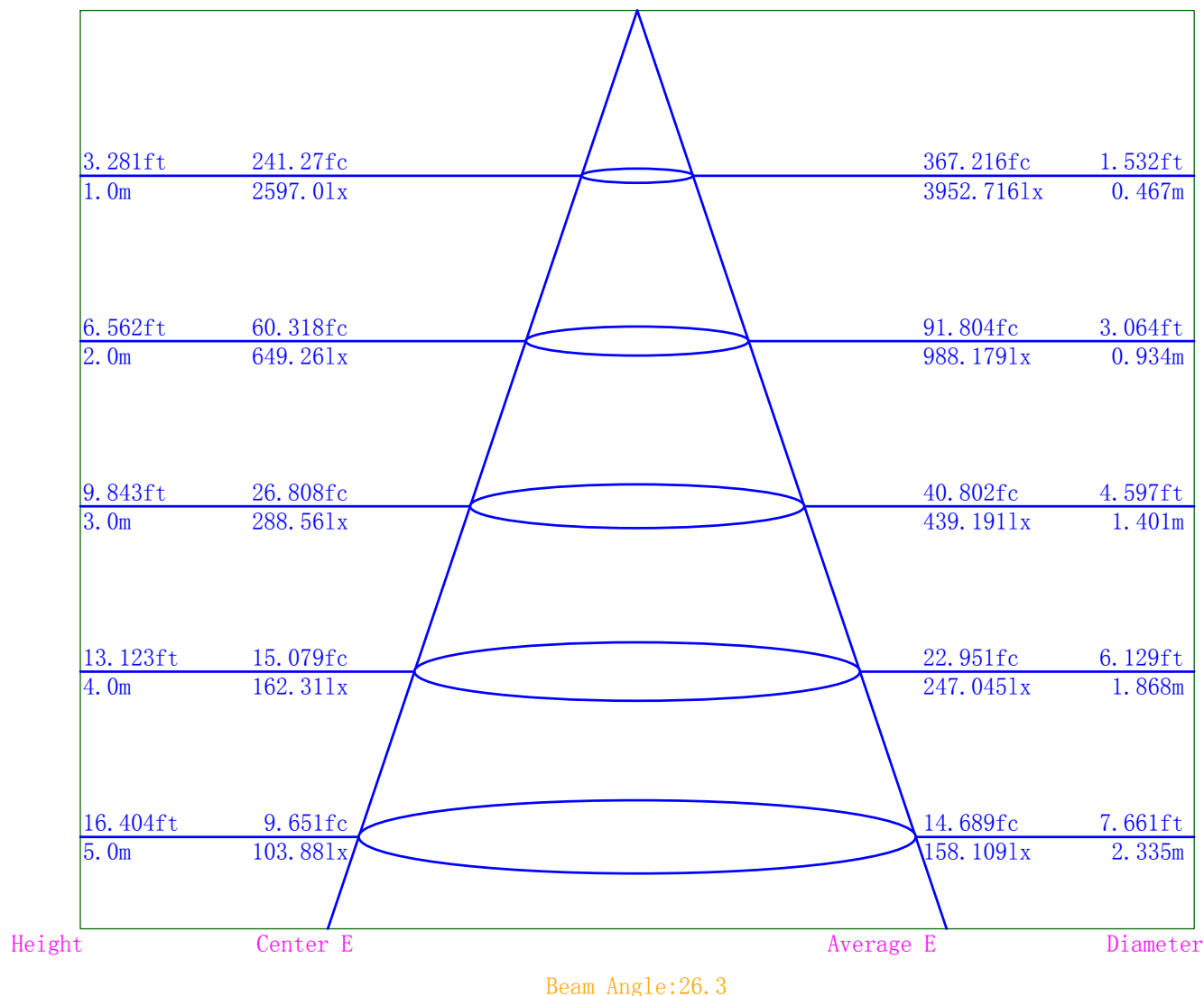
IES Indoor Report

Photometric Filename:MD10-13-XX-02 4000K RA90 25D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-13-XX-02 4000K RA90 25D	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-02 4000K RA90 25D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-XX-02 4000K RA90 25D	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

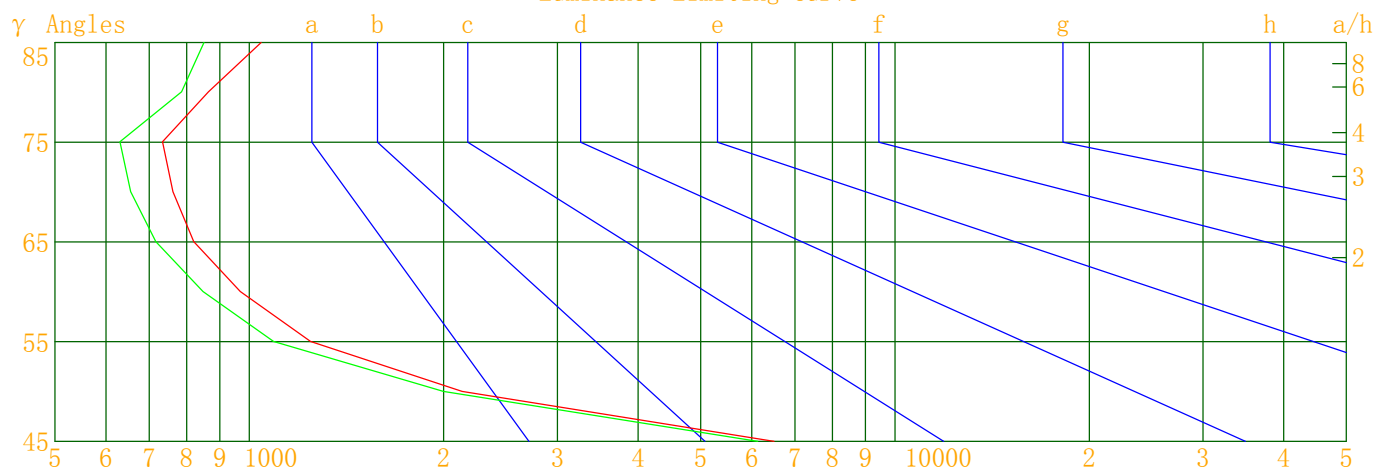
Glare Grade Table

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	6494	2137	1244	968	820	762	734	864	1043
C90	6129	1998	1091	848	717	655	630	785	850

Luminance Limiting Curve



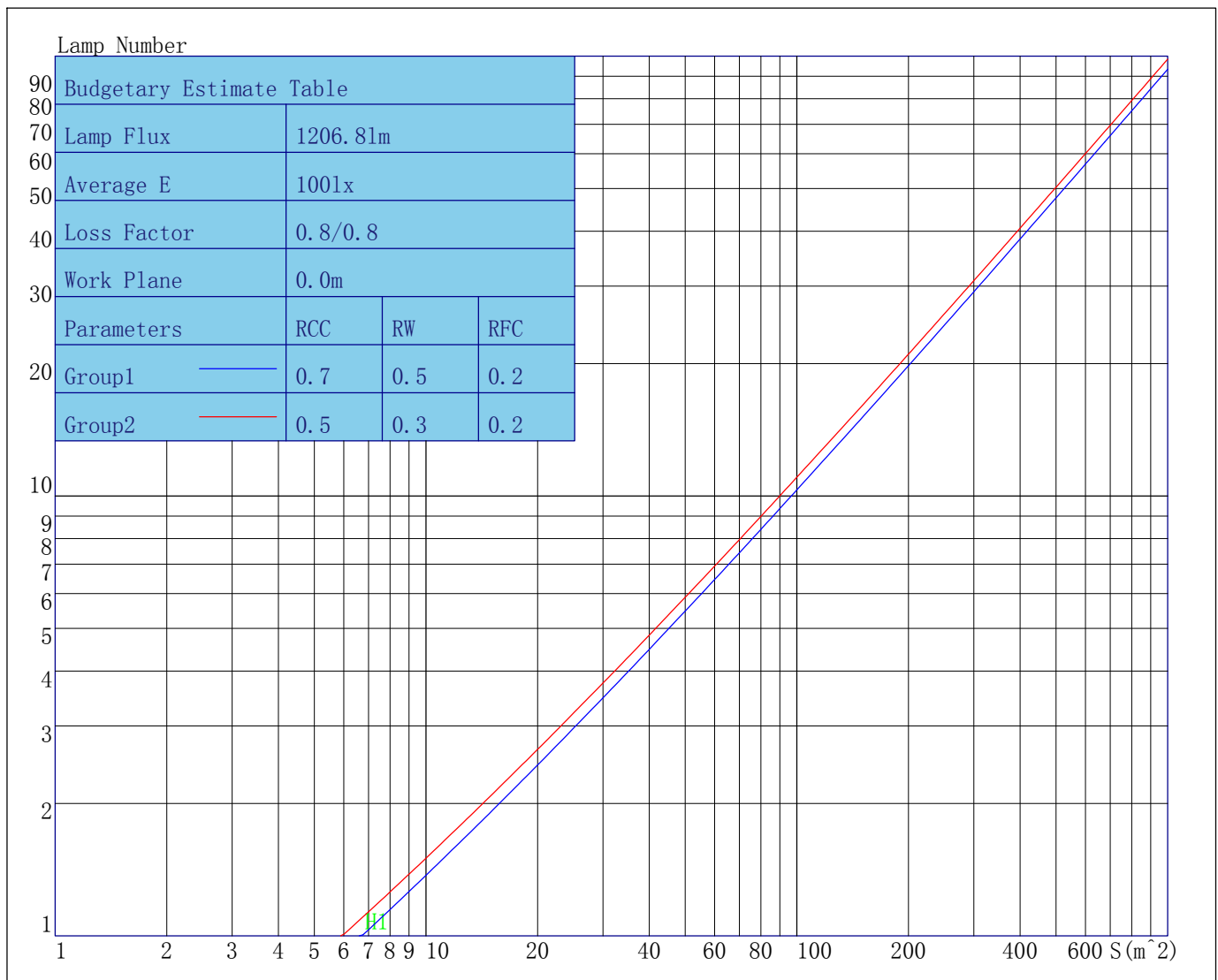
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.750 Area(m^2)=0.040000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-XX-02 4000K RA90 25D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-XX-02 4000K RA90 25D	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

IES Indoor Report

Photometric Filename:MD10-13-XX-02 4000K RA90 25D.IES

Indoor Coefficient of Utilization Table

Lum. Name: MD10-13-XX-02 4000K RA90 25D	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

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	91	89	88	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	86	84	81	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74
5	92	83	78	73	90	83	77	73	81	76	72	79	75	72	77	74	71	69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	62	61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	57
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	52

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.

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	2597.03	2597.03	2597.03	2597.03
γ 1.0	2623.62	2605.42	2552.36	2554.77
γ 2.0	2608.12	2582.74	2490.50	2495.33
γ 3.0	2572.56	2540.58	2415.74	2424.48
γ 4.0	2515.87	2477.13	2333.52	2338.56
γ 5.0	2445.15	2404.54	2238.52	2248.09
γ 6.0	2359.22	2328.92	2128.34	2149.10
γ 7.0	2273.60	2232.88	2006.30	2035.95
γ 8.0	2171.04	2126.03	1872.68	1908.92
γ 9.0	2054.44	2002.04	1731.93	1775.61
γ 10.0	1923.05	1866.18	1588.99	1632.87
γ 11.0	1784.52	1729.04	1446.96	1489.48
γ 12.0	1639.26	1583.19	1307.81	1349.38
γ 13.0	1493.48	1441.53	1177.00	1213.84
γ 14.0	1352.86	1301.18	1064.58	1096.65
γ 15.0	1223.10	1176.30	969.22	996.16
γ 16.0	1112.70	1065.06	883.38	907.63
γ 17.0	1013.99	970.95	814.10	834.64
γ 18.0	926.05	886.24	754.46	773.57
γ 19.0	852.72	814.55	705.21	721.58
γ 20.0	789.73	755.40	664.76	679.64
γ 21.0	737.16	707.36	632.20	645.14
γ 22.0	694.90	666.85	604.15	616.21
γ 23.0	659.18	633.71	581.01	592.29
γ 24.0	629.03	604.85	561.12	571.67
γ 25.0	603.56	582.67	544.25	553.53
γ 26.0	581.82	563.05	528.76	537.28
γ 27.0	563.98	545.57	514.42	522.48
γ 28.0	547.59	530.96	501.46	508.65
γ 29.0	532.64	517.33	487.82	495.96
γ 30.0	519.27	504.34	475.21	483.45
γ 31.0	505.97	492.91	462.73	470.58
γ 32.0	493.42	481.36	449.85	458.31
γ 33.0	480.54	469.69	436.14	444.19
γ 34.0	468.04	457.70	420.22	428.48
γ 35.0	455.09	444.97	401.11	409.88
γ 36.0	439.07	431.38	379.26	387.44
γ 37.0	420.44	412.97	353.52	361.81
γ 38.0	398.12	391.04	324.99	332.36
γ 39.0	372.72	365.68	294.52	301.30
γ 40.0	344.31	336.06	262.68	269.20
γ 41.0	313.92	304.39	230.31	237.10
γ 42.0	281.37	271.13	198.50	205.58
γ 43.0	248.42	237.93	167.62	174.40
γ 44.0	215.41	205.85	138.58	144.57
γ 45.0	183.69	173.35	111.18	117.20
γ 46.0	152.16	142.78	86.87	92.16

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	122.97	113.91	66.28	71.44
γ 48.0	96.02	88.43	51.02	54.83
γ 49.0	72.57	67.06	40.86	42.95
γ 50.0	54.94	51.37	34.46	35.80
γ 51.0	44.03	41.06	28.64	31.67
γ 52.0	37.37	33.82	25.28	28.89
γ 53.0	33.85	29.70	22.94	26.44
γ 54.0	30.93	27.22	20.93	24.26
γ 55.0	28.55	25.02	19.25	22.24
γ 56.0	26.37	23.13	17.59	20.41
γ 57.0	24.39	21.42	16.24	18.71
γ 58.0	22.57	19.74	15.07	17.25
γ 59.0	20.91	18.42	13.92	15.95
γ 60.0	19.37	16.95	12.92	14.77
γ 61.0	18.05	15.84	12.02	13.61
γ 62.0	16.78	14.69	11.33	12.85
γ 63.0	15.69	13.67	10.64	12.06
γ 64.0	14.74	12.89	10.13	11.41
γ 65.0	13.86	12.11	9.62	10.78
γ 66.0	13.10	11.45	9.11	10.20
γ 67.0	12.34	10.79	8.70	9.71
γ 68.0	11.67	10.17	8.25	9.26
γ 69.0	10.94	9.53	7.92	8.80
γ 70.0	10.42	8.96	7.65	8.39
γ 71.0	9.76	8.41	7.33	7.97
γ 72.0	9.13	7.98	6.99	7.58
γ 73.0	8.62	7.41	6.84	7.27
γ 74.0	8.10	7.00	6.76	7.04
γ 75.0	7.60	6.53	6.68	6.90
γ 76.0	7.16	6.18	6.59	6.75
γ 77.0	6.82	6.05	6.41	6.76
γ 78.0	6.57	5.82	6.18	6.53
γ 79.0	6.29	5.60	5.72	6.31
γ 80.0	6.00	5.46	5.45	5.92
γ 81.0	5.73	4.97	4.76	5.35
γ 82.0	5.21	4.61	4.27	4.91
γ 83.0	4.75	4.05	3.66	4.28
γ 84.0	4.21	3.65	3.03	3.60
γ 85.0	3.64	2.96	2.34	2.91
γ 86.0	3.04	2.25	1.35	1.97
γ 87.0	2.30	1.49	0.75	1.49
γ 88.0	1.63	0.67	0.00	0.66
γ 89.0	1.00	0.00	0.00	0.48
γ 90.0	0.44	0.00	0.00	0.31
γ 91.0	0.34	0.00	0.00	0.17
γ 92.0	0.12	0.00	0.00	0.05
γ 93.0	0.00	0.00	0.00	0.00

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00
γ 96.0	0.00	0.00	0.00	0.00
γ 97.0	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.12
γ 131.0	0.00	0.00	0.08	0.24
γ 132.0	0.00	0.00	0.31	0.30
γ 133.0	0.00	0.00	0.45	0.53
γ 134.0	0.00	0.00	0.60	0.68
γ 135.0	0.20	0.00	0.70	0.73
γ 136.0	0.31	0.10	0.94	0.93
γ 137.0	0.36	0.19	1.09	1.09
γ 138.0	0.58	0.46	1.27	1.20
γ 139.0	0.71	0.60	1.39	1.39
γ 140.0	0.84	0.78	1.56	1.56

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.02	0.91	1.71	1.73
γ 142.0	1.15	1.10	1.90	1.81
γ 143.0	1.38	1.30	2.03	1.99
γ 144.0	1.51	1.47	2.19	2.23
γ 145.0	1.70	1.59	2.36	2.33
γ 146.0	1.81	1.71	2.56	2.40
γ 147.0	2.01	1.89	2.69	2.63
γ 148.0	2.12	2.07	2.82	2.72
γ 149.0	2.28	2.19	2.87	2.85
γ 150.0	2.40	2.23	3.09	2.98
γ 151.0	2.57	2.46	3.14	3.05
γ 152.0	2.70	2.56	3.29	3.20
γ 153.0	2.74	2.75	3.36	3.38
γ 154.0	2.94	2.91	3.54	3.41
γ 155.0	3.12	2.91	3.61	3.54
γ 156.0	3.26	3.05	3.70	3.59
γ 157.0	3.36	3.23	3.81	3.74
γ 158.0	3.45	3.28	3.88	3.82
γ 159.0	3.54	3.41	4.04	3.92
γ 160.0	3.71	3.50	4.14	3.92
γ 161.0	3.84	3.63	4.19	4.07
γ 162.0	3.90	3.76	4.32	4.13
γ 163.0	4.04	3.87	4.31	4.20
γ 164.0	4.09	3.94	4.50	4.31
γ 165.0	4.15	4.09	4.49	4.33
γ 166.0	4.31	4.11	4.51	4.37
γ 167.0	4.34	4.18	4.60	4.41
γ 168.0	4.42	4.18	4.69	4.50
γ 169.0	4.41	4.40	4.69	4.51
γ 170.0	4.56	4.37	4.75	4.54
γ 171.0	4.61	4.48	4.80	4.62
γ 172.0	4.62	4.50	4.83	4.59
γ 173.0	4.67	4.56	4.88	4.58
γ 174.0	4.74	4.50	4.87	4.69
γ 175.0	4.75	4.62	4.90	4.80
γ 176.0	4.85	4.59	4.90	4.74
γ 177.0	4.82	4.65	4.95	4.78
γ 178.0	4.87	4.73	4.97	4.84
γ 179.0	4.89	4.77	4.98	4.83
γ 180.0	4.91	4.91	4.91	4.91