

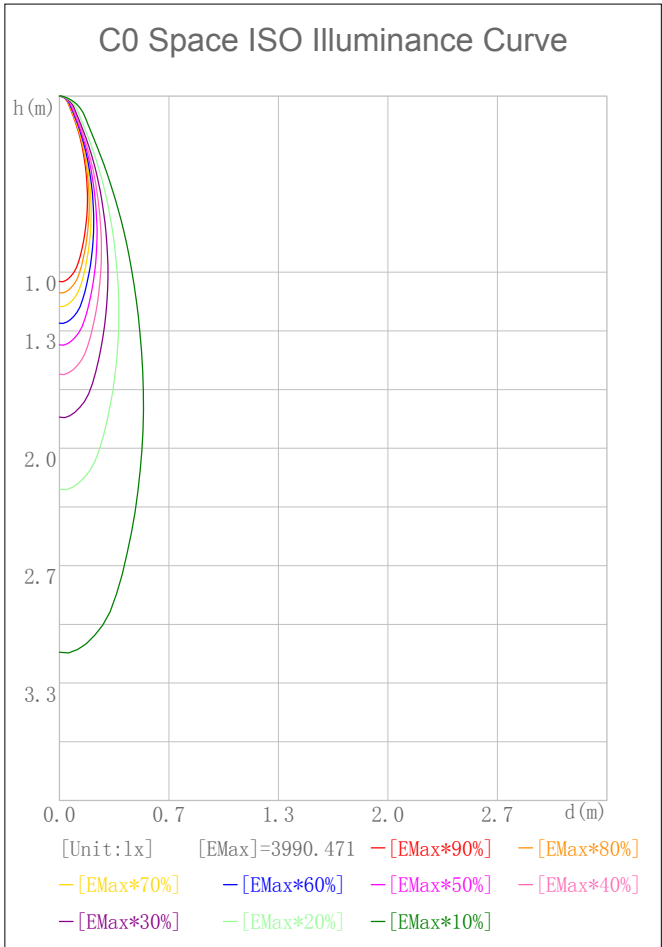
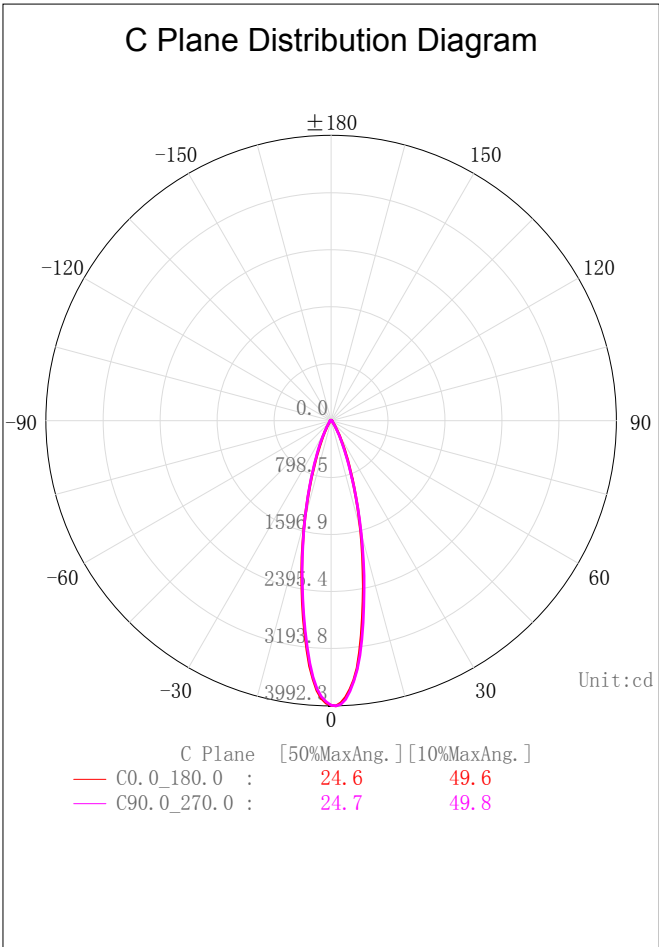
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-XX-01 2700K RA90 24D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/12/20
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(%): 50.0

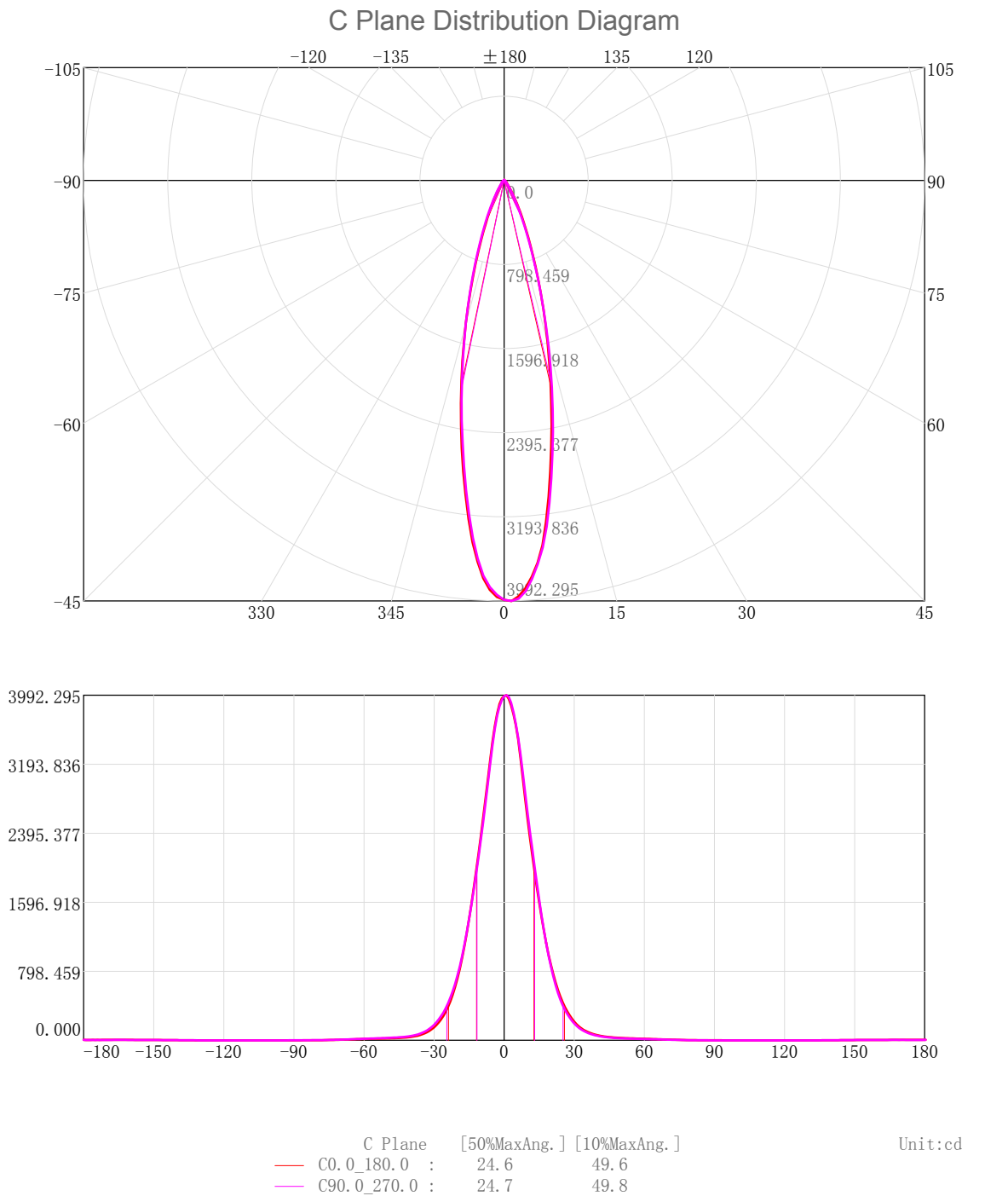
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1038.090	Luminary Flux(lm): 1038.078	Field Angle(10%Imax): 49.6(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1030.548lm 99.27%	
Rated Voltage(V):	Luminary EER(lm/W): 84.260	Up Lumens&Percent: 7.531lm 0.73%	
Tested Power(W): 12.320	Max. Candela(cd): 3992.295	S/MH: C0_a180=0.413 C90_270=0.415	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.1, 0.054, 0.950	Beam Angle(50%Imax): 24.6(°)	ErP ϕ use(90°): 976.463lm	
Lamp Size(W*L*H):0.050m*0.050m*0.750m	Left=-11.8°, Right=12.8°	IRF(%): 801.582	



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-XX-01 2700K RA90 24D	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: 2019/12/20



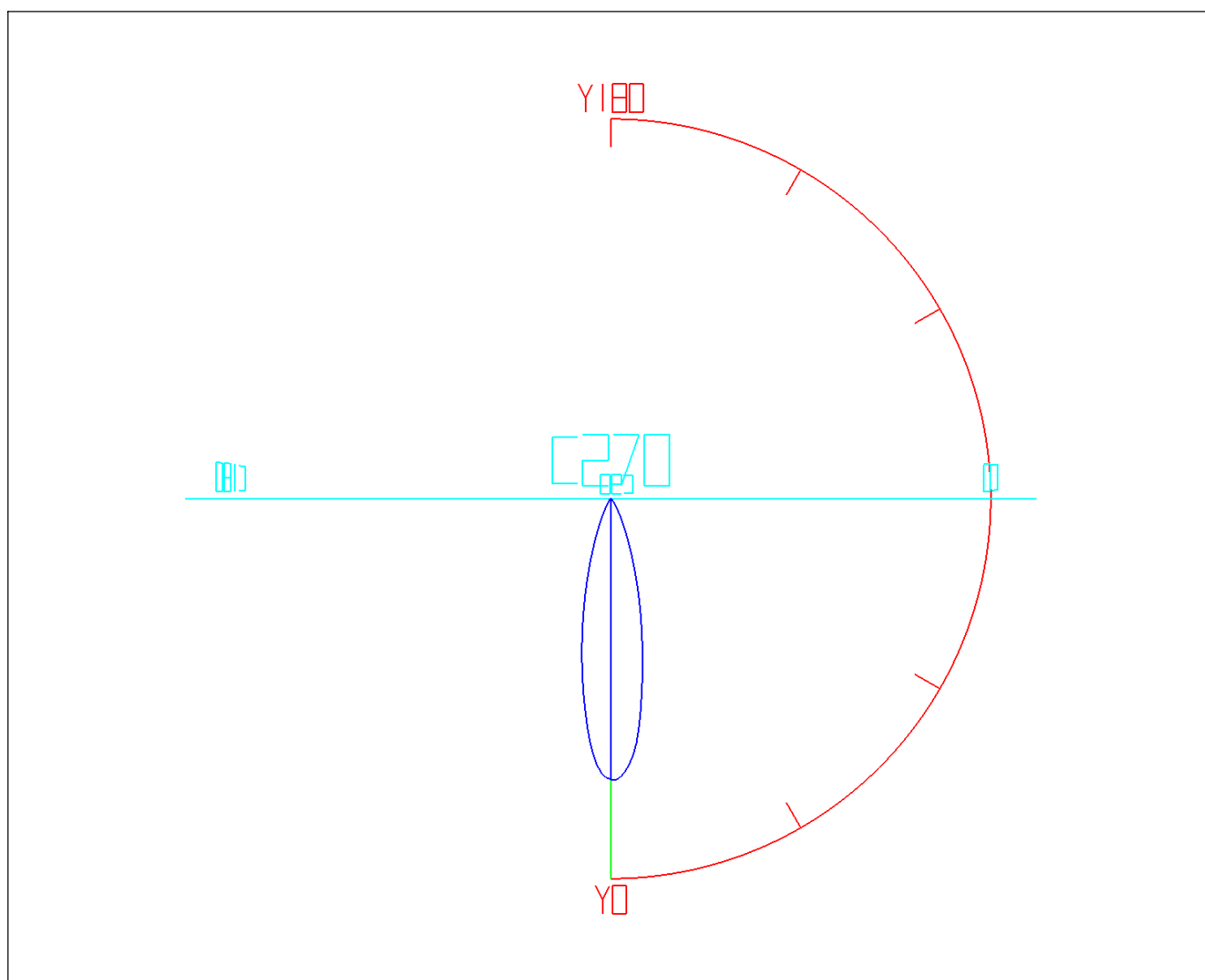
IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 24D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-XX-01 2700K RA90 24D	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: 2019/12/20

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	3.80	3.80	0.37	0.37	47.0-48.0	2.38	987.11	0.23	95.09
1.0-2.0	11.32	15.12	1.09	1.46	48.0-49.0	2.30	989.41	0.22	95.31
2.0-3.0	18.53	33.65	1.78	3.24	49.0-50.0	2.23	991.64	0.21	95.53
3.0-4.0	25.19	58.84	2.43	5.67	50.0-51.0	2.17	993.81	0.21	95.73
4.0-5.0	31.12	89.97	3.00	8.67	51.0-52.0	2.11	995.91	0.20	95.94
5.0-6.0	36.21	126.18	3.49	12.15	52.0-53.0	2.05	997.97	0.20	96.14
6.0-7.0	40.27	166.44	3.88	16.03	53.0-54.0	2.00	999.97	0.19	96.33
7.0-8.0	43.29	209.73	4.17	20.20	54.0-55.0	1.95	1001.91	0.19	96.52
8.0-9.0	45.39	255.12	4.37	24.58	55.0-56.0	1.89	1003.81	0.18	96.70
9.0-10.0	46.71	301.83	4.50	29.08	56.0-57.0	1.84	1005.65	0.18	96.87
10.0-11.0	47.33	349.16	4.56	33.63	57.0-58.0	1.78	1007.43	0.17	97.05
11.0-12.0	47.26	396.42	4.55	38.19	58.0-59.0	1.72	1009.15	0.17	97.21
12.0-13.0	46.60	443.02	4.49	42.68	59.0-60.0	1.66	1010.81	0.16	97.37
13.0-14.0	45.42	488.44	4.38	47.05	60.0-61.0	1.59	1012.40	0.15	97.53
14.0-15.0	43.81	532.25	4.22	51.27	61.0-62.0	1.53	1013.93	0.15	97.67
15.0-16.0	41.77	574.01	4.02	55.30	62.0-63.0	1.46	1015.38	0.14	97.81
16.0-17.0	39.40	613.41	3.80	59.09	63.0-64.0	1.38	1016.77	0.13	97.95
17.0-18.0	36.84	650.25	3.55	62.64	64.0-65.0	1.31	1018.08	0.13	98.07
18.0-19.0	34.11	684.36	3.29	65.93	65.0-66.0	1.24	1019.32	0.12	98.19
19.0-20.0	31.33	715.70	3.02	68.94	66.0-67.0	1.16	1020.48	0.11	98.30
20.0-21.0	28.63	744.33	2.76	71.70	67.0-68.0	1.09	1021.56	0.10	98.41
21.0-22.0	26.06	770.39	2.51	74.21	68.0-69.0	1.01	1022.58	0.10	98.51
22.0-23.0	23.59	793.98	2.27	76.48	69.0-70.0	0.94	1023.52	0.09	98.60
23.0-24.0	21.27	815.25	2.05	78.53	70.0-71.0	0.86	1024.38	0.08	98.68
24.0-25.0	19.13	834.38	1.84	80.38	71.0-72.0	0.79	1025.17	0.08	98.76
25.0-26.0	17.16	851.54	1.65	82.03	72.0-73.0	0.72	1025.89	0.07	98.82
26.0-27.0	15.36	866.90	1.48	83.51	73.0-74.0	0.64	1026.54	0.06	98.89
27.0-28.0	13.71	880.61	1.32	84.83	74.0-75.0	0.57	1027.11	0.05	98.94
28.0-29.0	12.19	892.80	1.17	86.00	75.0-76.0	0.50	1027.60	0.05	98.99
29.0-30.0	10.82	903.62	1.04	87.05	76.0-77.0	0.42	1028.02	0.04	99.03
30.0-31.0	9.60	913.21	0.92	87.97	77.0-78.0	0.35	1028.38	0.03	99.06
31.0-32.0	8.52	921.73	0.82	88.79	78.0-79.0	0.30	1028.68	0.03	99.09
32.0-33.0	7.57	929.30	0.73	89.52	79.0-80.0	0.26	1028.94	0.03	99.12
33.0-34.0	6.74	936.04	0.65	90.17	80.0-81.0	0.24	1029.18	0.02	99.14
34.0-35.0	6.03	942.07	0.58	90.75	81.0-82.0	0.22	1029.41	0.02	99.16
35.0-36.0	5.41	947.48	0.52	91.27	82.0-83.0	0.20	1029.61	0.02	99.18
36.0-37.0	4.87	952.35	0.47	91.74	83.0-84.0	0.18	1029.79	0.02	99.20
37.0-38.0	4.42	956.76	0.43	92.17	84.0-85.0	0.17	1029.96	0.02	99.22
38.0-39.0	4.04	960.80	0.39	92.55	85.0-86.0	0.15	1030.11	0.01	99.23
39.0-40.0	3.72	964.51	0.36	92.91	86.0-87.0	0.13	1030.24	0.01	99.24
40.0-41.0	3.44	967.95	0.33	93.24	87.0-88.0	0.12	1030.36	0.01	99.26
41.0-42.0	3.20	971.16	0.31	93.55	88.0-89.0	0.10	1030.46	0.01	99.27
42.0-43.0	3.00	974.16	0.29	93.84	89.0-90.0	0.09	1030.55	0.01	99.27
43.0-44.0	2.84	977.00	0.27	94.11	90.0-91.0	0.07	1030.62	0.01	99.28
44.0-45.0	2.69	979.69	0.26	94.37	91.0-92.0	0.06	1030.69	0.01	99.29
45.0-46.0	2.57	982.26	0.25	94.62	92.0-93.0	0.06	1030.74	0.01	99.29
46.0-47.0	2.47	984.73	0.24	94.86	93.0-94.0	0.05	1030.79	0.00	99.30

Zonal Flux Tabulation - (Cont.)

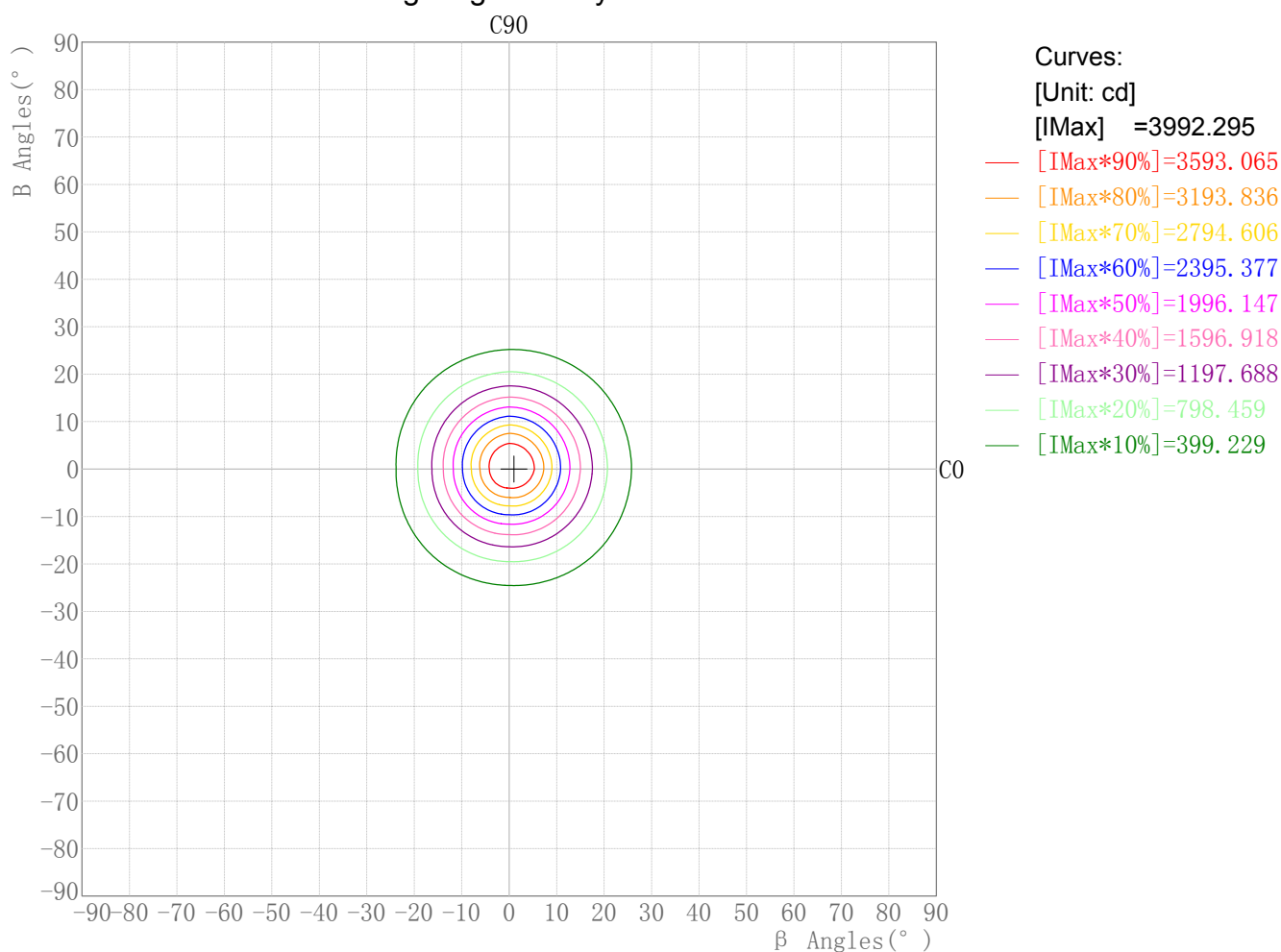
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.04	1030.83	0.00	99.30	141.0-142.0	0.16	1032.10	0.02	99.42
95.0-96.0	0.03	1030.86	0.00	99.30	142.0-143.0	0.17	1032.27	0.02	99.44
96.0-97.0	0.03	1030.89	0.00	99.31	143.0-144.0	0.18	1032.45	0.02	99.46
97.0-98.0	0.02	1030.92	0.00	99.31	144.0-145.0	0.19	1032.65	0.02	99.48
98.0-99.0	0.02	1030.93	0.00	99.31	145.0-146.0	0.20	1032.85	0.02	99.50
99.0-100.0	0.01	1030.95	0.00	99.31	146.0-147.0	0.21	1033.06	0.02	99.52
100.0-101.0	0.01	1030.96	0.00	99.31	147.0-148.0	0.22	1033.28	0.02	99.54
101.0-102.0	0.01	1030.96	0.00	99.31	148.0-149.0	0.22	1033.50	0.02	99.56
102.0-103.0	0.01	1030.97	0.00	99.31	149.0-150.0	0.23	1033.73	0.02	99.58
103.0-104.0	0.00	1030.97	0.00	99.31	150.0-151.0	0.23	1033.97	0.02	99.60
104.0-105.0	0.00	1030.97	0.00	99.31	151.0-152.0	0.23	1034.20	0.02	99.63
105.0-106.0	0.00	1030.98	0.00	99.31	152.0-153.0	0.23	1034.43	0.02	99.65
106.0-107.0	0.00	1030.98	0.00	99.31	153.0-154.0	0.23	1034.67	0.02	99.67
107.0-108.0	0.00	1030.98	0.00	99.31	154.0-155.0	0.23	1034.90	0.02	99.69
108.0-109.0	0.00	1030.98	0.00	99.31	155.0-156.0	0.23	1035.12	0.02	99.71
109.0-110.0	0.00	1030.98	0.00	99.31	156.0-157.0	0.22	1035.35	0.02	99.74
110.0-111.0	0.00	1030.98	0.00	99.31	157.0-158.0	0.22	1035.57	0.02	99.76
111.0-112.0	0.00	1030.98	0.00	99.31	158.0-159.0	0.21	1035.78	0.02	99.78
112.0-113.0	0.00	1030.98	0.00	99.31	159.0-160.0	0.21	1035.98	0.02	99.80
113.0-114.0	0.00	1030.98	0.00	99.31	160.0-161.0	0.20	1036.18	0.02	99.82
114.0-115.0	0.00	1030.98	0.00	99.31	161.0-162.0	0.19	1036.37	0.02	99.83
115.0-116.0	0.00	1030.98	0.00	99.31	162.0-163.0	0.18	1036.56	0.02	99.85
116.0-117.0	0.00	1030.98	0.00	99.31	163.0-164.0	0.17	1036.73	0.02	99.87
117.0-118.0	0.00	1030.98	0.00	99.31	164.0-165.0	0.16	1036.89	0.02	99.88
118.0-119.0	0.00	1030.98	0.00	99.31	165.0-166.0	0.15	1037.04	0.01	99.90
119.0-120.0	0.00	1030.98	0.00	99.31	166.0-167.0	0.14	1037.19	0.01	99.91
120.0-121.0	0.00	1030.98	0.00	99.31	167.0-168.0	0.13	1037.32	0.01	99.93
121.0-122.0	0.00	1030.98	0.00	99.31	168.0-169.0	0.12	1037.44	0.01	99.94
122.0-123.0	0.00	1030.98	0.00	99.31	169.0-170.0	0.11	1037.55	0.01	99.95
123.0-124.0	0.00	1030.98	0.00	99.31	170.0-171.0	0.10	1037.65	0.01	99.96
124.0-125.0	0.00	1030.98	0.00	99.31	171.0-172.0	0.09	1037.74	0.01	99.97
125.0-126.0	0.00	1030.98	0.00	99.31	172.0-173.0	0.08	1037.82	0.01	99.97
126.0-127.0	0.00	1030.98	0.00	99.31	173.0-174.0	0.07	1037.89	0.01	99.98
127.0-128.0	0.01	1030.99	0.00	99.32	174.0-175.0	0.06	1037.95	0.01	99.99
128.0-129.0	0.01	1031.00	0.00	99.32	175.0-176.0	0.05	1037.99	0.00	99.99
129.0-130.0	0.02	1031.01	0.00	99.32	176.0-177.0	0.04	1038.03	0.00	99.99
130.0-131.0	0.02	1031.04	0.00	99.32	177.0-178.0	0.03	1038.06	0.00	100.00
131.0-132.0	0.03	1031.07	0.00	99.32	178.0-179.0	0.02	1038.07	0.00	100.00
132.0-133.0	0.05	1031.12	0.00	99.33	179.0-180.0	0.01	1038.08	0.00	100.00
133.0-134.0	0.06	1031.17	0.01	99.33					
134.0-135.0	0.07	1031.24	0.01	99.34					
135.0-136.0	0.08	1031.32	0.01	99.35					
136.0-137.0	0.10	1031.42	0.01	99.36					
137.0-138.0	0.11	1031.53	0.01	99.37					
138.0-139.0	0.12	1031.65	0.01	99.38					
139.0-140.0	0.14	1031.79	0.01	99.39					
140.0-141.0	0.15	1031.94	0.01	99.41					

Photometric Filename:MD10-13-XX-01 2700K RA90 24D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-13-XX-01 2700K RA90 24D	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: 2019/12/20

ISO Lighting Intensity Curve



Maximum Light Intensity(cd): 3992.29

Maximum Cand.@Angle: H=1.0°,V=0.0°

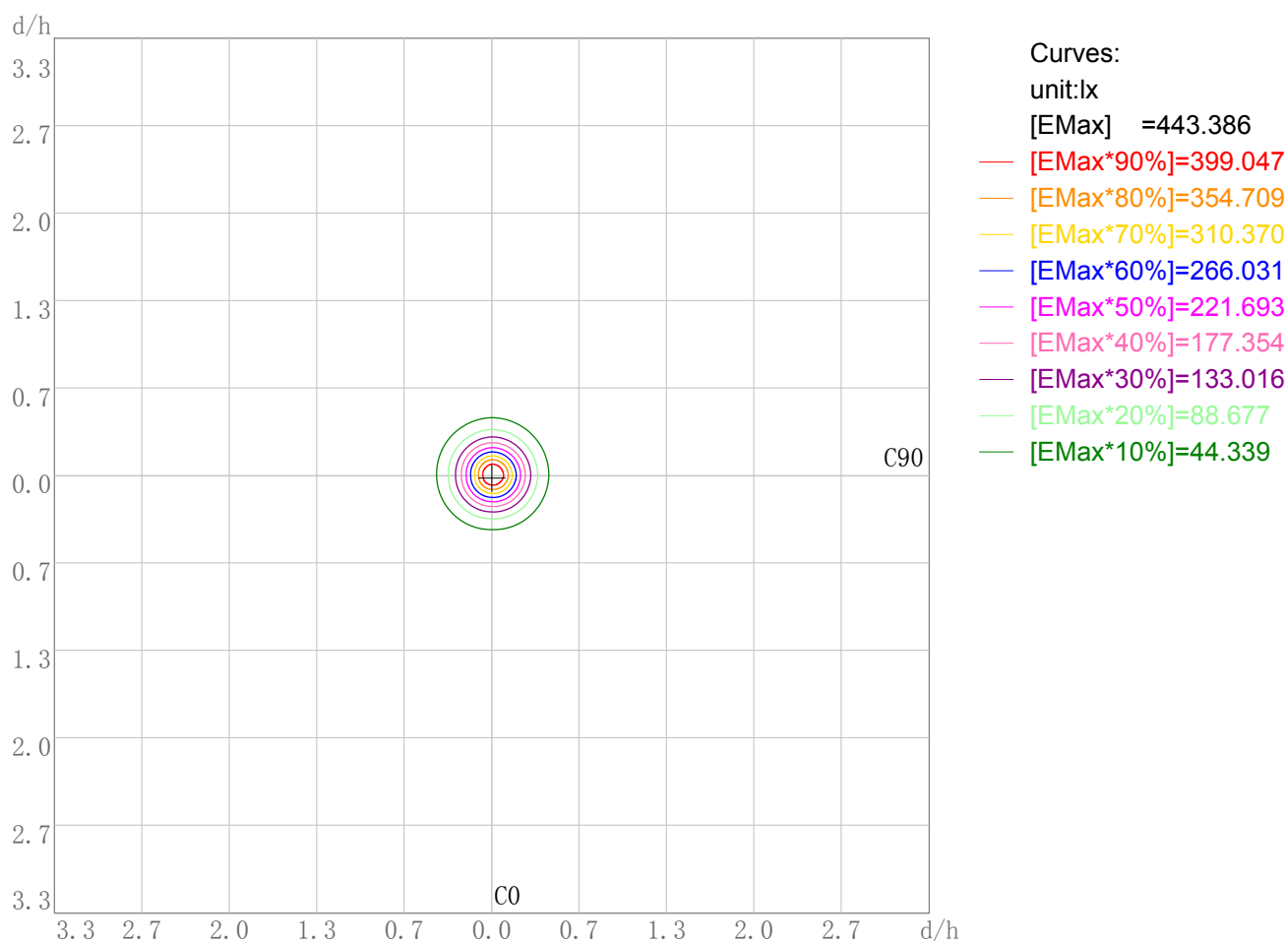
IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 24D.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-XX-01 2700K RA90 24D	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: 2019/12/20

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 443.39

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

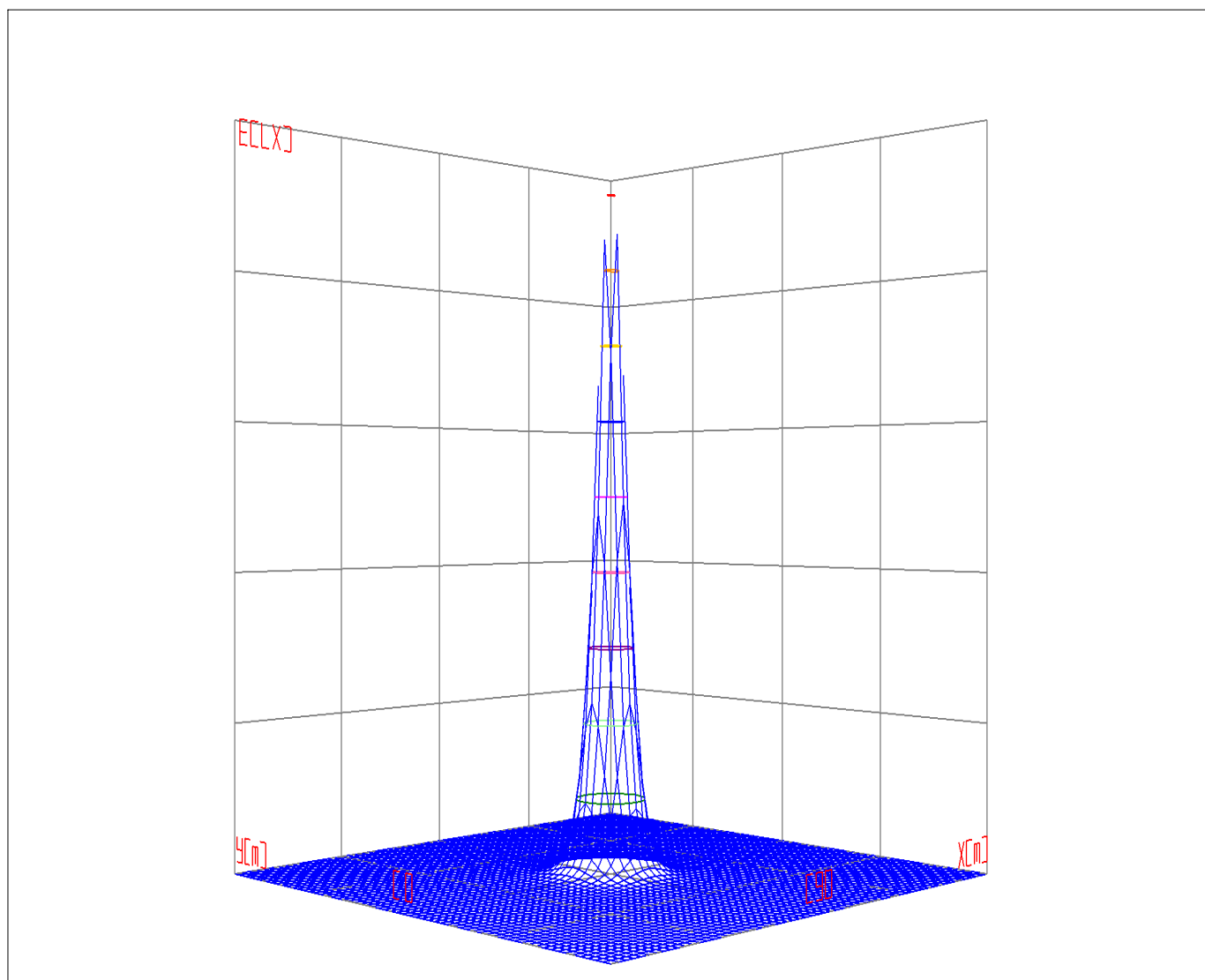
IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 24D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-XX-01 2700K RA90 24D	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: 2019/12/20

3D Plane Illuminance Modal

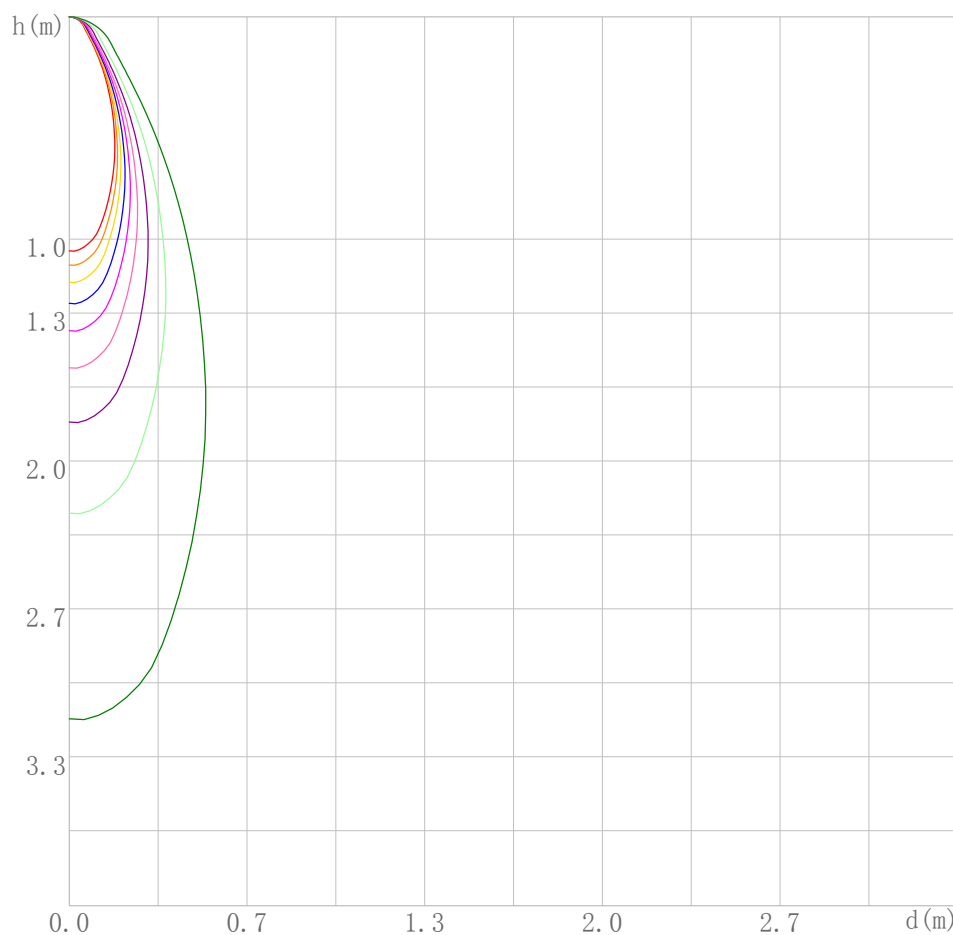


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-13-XX-01 2700K RA90 24D	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: 2019/12/20

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =3990.471

— [EMax*90%]=3591.424

— [EMax*80%]=3192.377

— [EMax*70%]=2793.330

— [EMax*60%]=2394.283

— [EMax*50%]=1995.236

— [EMax*40%]=1596.188

— [EMax*30%]=1197.141

— [EMax*20%]=798.094

— [EMax*10%]=399.047

Space Plane Maximum Illuminance and @Angle:3990.47lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:3992.295cd,0deg

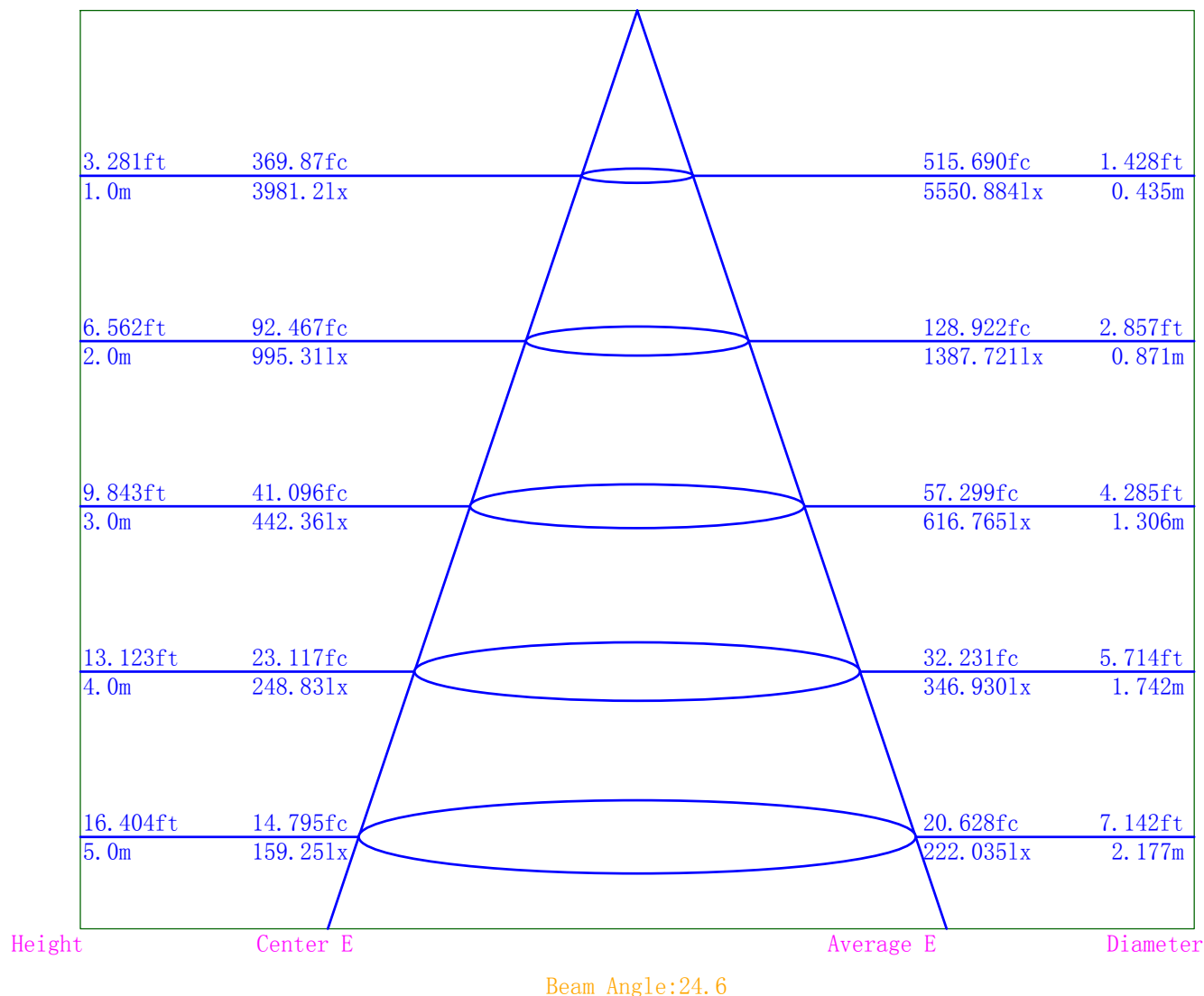
IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 24D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-13-XX-01 2700K RA90 24D	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: 2019/12/20

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 24D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-XX-01 2700K RA90 24D	Lum. Catalog: LED	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/20

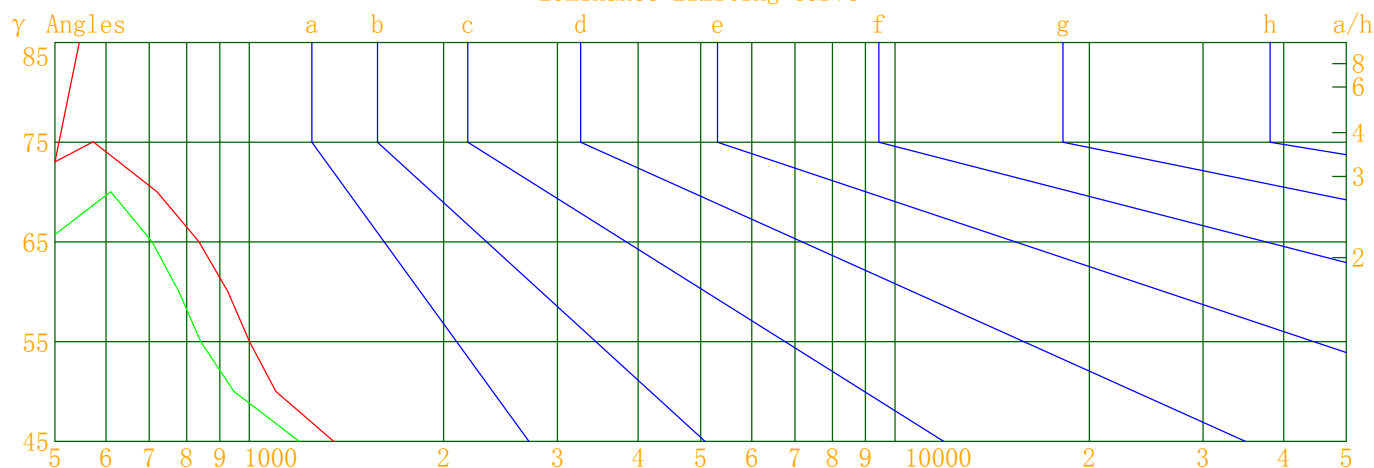
Glare Grade Table

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	1351	1099	1001	926	835	719	573	409	545
C90	1195	947	840	778	707	610	484	278	331

Luminance Limiting Curve



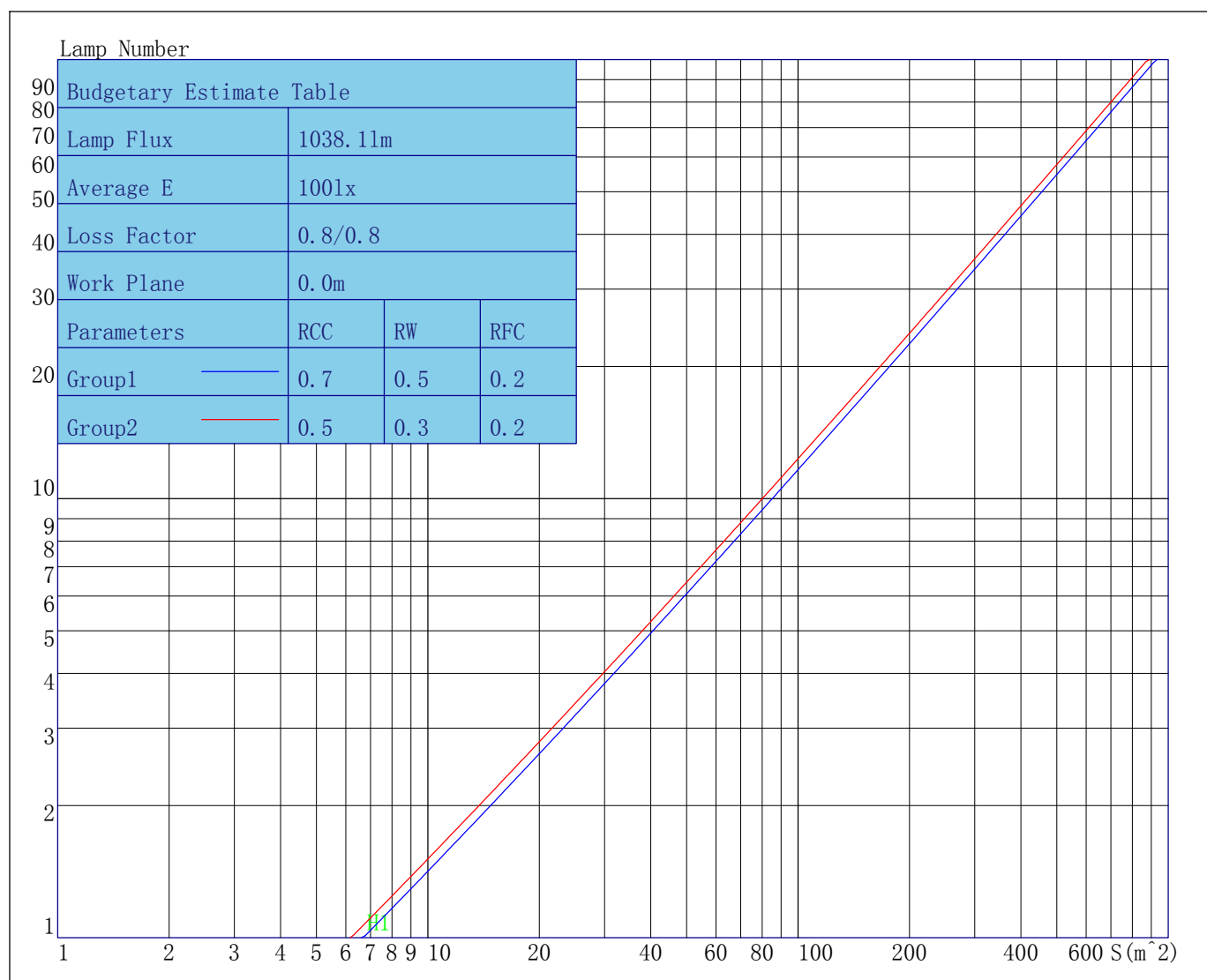
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.750 Area(m^2)=0.040000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 24D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-XX-01 2700K RA90 24D	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: 2019/12/20



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-01 2700K RA90 24D.IES

Indoor Coefficient of Utilization Table

Lum. Name: MD10-13-XX-01 2700K RA90 24D	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: 2019/12/20

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	101	101	101	99
1	114	112	110	108	112	110	108	106	105	104	102	102	100	99	98	97	96	95
2	110	105	102	99	107	104	101	98	100	98	96	97	95	94	95	93	92	90
3	105	100	96	93	103	99	95	92	96	93	90	94	91	89	91	89	87	86
4	102	95	91	87	100	94	90	87	92	89	86	90	87	85	88	86	84	82
5	98	91	86	83	96	90	86	83	88	85	82	87	84	81	85	83	80	79
6	95	87	83	79	93	87	82	79	85	81	78	84	80	78	83	80	77	76
7	91	84	79	76	90	83	79	76	82	78	75	81	77	75	80	77	74	73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72	71
9	86	78	73	70	85	78	73	70	77	73	70	76	72	70	75	72	69	68
10	83	76	71	68	82	75	71	68	74	70	68	74	70	68	73	70	67	66

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 a section for variations with observer position 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	3981.24	3981.24	3981.24	3981.24
γ 1.0	3992.29	3992.10	3954.49	3933.34
γ 2.0	3949.96	3971.16	3889.09	3862.78
γ 3.0	3875.00	3904.96	3780.65	3756.67
γ 4.0	3769.84	3793.54	3626.99	3596.15
γ 5.0	3644.22	3657.16	3446.03	3405.89
γ 6.0	3481.69	3503.73	3231.18	3189.37
γ 7.0	3264.43	3310.46	3007.41	2960.42
γ 8.0	3032.88	3092.43	2788.83	2737.17
γ 9.0	2797.24	2863.27	2572.88	2519.85
γ 10.0	2573.64	2642.01	2357.66	2317.47
γ 11.0	2359.51	2426.34	2153.90	2115.36
γ 12.0	2149.18	2220.31	1949.84	1919.80
γ 13.0	1955.30	2012.95	1759.79	1738.69
γ 14.0	1768.89	1818.63	1575.09	1565.65
γ 15.0	1597.09	1630.27	1404.24	1404.13
γ 16.0	1429.55	1446.35	1239.88	1250.37
γ 17.0	1275.48	1280.86	1090.32	1107.24
γ 18.0	1127.87	1126.80	952.83	975.66
γ 19.0	994.97	984.65	826.25	853.18
γ 20.0	874.17	856.87	711.53	746.19
γ 21.0	767.82	742.83	614.72	650.85
γ 22.0	671.96	642.09	528.48	567.64
γ 23.0	586.10	552.88	452.33	495.45
γ 24.0	510.97	476.46	387.66	429.98
γ 25.0	445.08	411.30	331.98	372.52
γ 26.0	386.36	355.46	283.50	321.93
γ 27.0	335.18	306.87	242.02	279.35
γ 28.0	289.79	264.34	206.87	241.09
γ 29.0	250.35	227.50	176.44	207.66
γ 30.0	215.68	195.96	150.50	178.77
γ 31.0	186.28	169.00	128.77	154.34
γ 32.0	161.15	145.93	110.25	133.44
γ 33.0	139.78	126.22	94.80	115.88
γ 34.0	121.94	109.79	81.77	100.94
γ 35.0	106.85	96.16	70.84	88.22
γ 36.0	93.90	84.18	61.78	77.53
γ 37.0	82.89	74.28	54.38	68.58
γ 38.0	73.68	65.87	48.29	61.15
γ 39.0	65.95	59.02	43.55	55.37
γ 40.0	59.21	53.06	39.47	50.46
γ 41.0	53.76	47.93	36.22	46.25
γ 42.0	48.89	43.38	33.56	42.77
γ 43.0	44.81	39.63	31.35	39.96
γ 44.0	41.27	36.50	29.56	37.56
γ 45.0	38.22	33.79	27.99	35.58
γ 46.0	35.63	31.25	26.77	33.76

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	33.46	29.13	25.84	32.40
γ 48.0	31.46	27.27	24.88	30.98
γ 49.0	29.89	25.68	23.96	29.83
γ 50.0	28.26	24.34	23.28	28.60
γ 51.0	27.16	23.08	22.57	27.48
γ 52.0	25.92	22.00	21.86	26.50
γ 53.0	24.99	21.06	21.17	25.45
γ 54.0	23.84	20.06	20.45	24.46
γ 55.0	22.96	19.28	19.79	23.50
γ 56.0	22.05	18.56	18.93	22.52
γ 57.0	21.25	17.81	18.24	21.45
γ 58.0	20.35	17.04	17.56	20.46
γ 59.0	19.38	16.38	16.74	19.42
γ 60.0	18.52	15.56	15.95	18.49
γ 61.0	17.69	14.81	15.10	17.46
γ 62.0	16.81	14.05	14.31	16.41
γ 63.0	15.88	13.35	13.44	15.50
γ 64.0	14.95	12.64	12.55	14.48
γ 65.0	14.12	11.95	11.72	13.56
γ 66.0	13.22	11.14	10.88	12.65
γ 67.0	12.40	10.44	9.96	11.70
γ 68.0	11.45	9.73	9.23	10.87
γ 69.0	10.60	9.06	8.50	9.96
γ 70.0	9.84	8.34	7.75	9.13
γ 71.0	9.02	7.63	6.96	8.27
γ 72.0	8.33	7.01	6.18	7.50
γ 73.0	7.54	6.36	5.40	6.66
γ 74.0	6.70	5.71	4.72	5.90
γ 75.0	5.93	5.01	4.08	5.15
γ 76.0	5.19	4.30	3.32	4.38
γ 77.0	4.38	3.68	2.74	3.68
γ 78.0	3.68	2.92	2.22	3.18
γ 79.0	3.06	2.34	1.91	3.03
γ 80.0	2.84	1.93	1.68	2.81
γ 81.0	2.61	1.73	1.63	2.54
γ 82.0	2.47	1.57	1.44	2.40
γ 83.0	2.20	1.44	1.30	2.13
γ 84.0	2.06	1.27	1.09	1.97
γ 85.0	1.90	1.15	0.95	1.88
γ 86.0	1.73	0.94	0.81	1.61
γ 87.0	1.53	0.90	0.67	1.46
γ 88.0	1.37	0.75	0.55	1.28
γ 89.0	1.27	0.67	0.45	1.12
γ 90.0	1.09	0.51	0.32	0.95
γ 91.0	1.03	0.38	0.25	0.89
γ 92.0	0.94	0.31	0.10	0.84
γ 93.0	0.88	0.28	0.09	0.67

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.73	0.22	0.04	0.61
γ 95.0	0.68	0.14	0.00	0.48
γ 96.0	0.61	0.04	0.00	0.44
γ 97.0	0.59	0.02	0.00	0.41
γ 98.0	0.47	0.00	0.00	0.27
γ 99.0	0.38	0.00	0.00	0.20
γ 100.0	0.20	0.00	0.00	0.18
γ 101.0	0.28	0.00	0.00	0.05
γ 102.0	0.22	0.00	0.00	0.00
γ 103.0	0.20	0.00	0.00	0.00
γ 104.0	0.06	0.00	0.00	0.00
γ 105.0	0.03	0.00	0.00	0.00
γ 106.0	0.07	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	0.04
γ 127.0	0.00	0.00	0.01	0.13
γ 128.0	0.00	0.00	0.17	0.29
γ 129.0	0.00	0.00	0.28	0.26
γ 130.0	0.00	0.00	0.43	0.50
γ 131.0	0.04	0.07	0.56	0.67
γ 132.0	0.20	0.22	0.73	0.84
γ 133.0	0.38	0.33	0.92	0.96
γ 134.0	0.54	0.57	1.06	1.10
γ 135.0	0.63	0.64	1.25	1.25
γ 136.0	0.87	0.89	1.49	1.53
γ 137.0	0.99	1.00	1.70	1.74
γ 138.0	1.11	1.27	1.99	1.93
γ 139.0	1.45	1.41	2.18	2.12
γ 140.0	1.66	1.67	2.38	2.44

IES Indoor Report

Photometric Filename:MD10-13-XX-01 2700K RA90 24D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.87	1.87	2.54	2.61
γ 142.0	2.10	2.15	2.84	2.83
γ 143.0	2.23	2.34	3.04	3.08
γ 144.0	2.54	2.61	3.37	3.29
γ 145.0	2.86	2.83	3.50	3.48
γ 146.0	3.07	3.08	3.74	3.68
γ 147.0	3.30	3.24	3.97	3.91
γ 148.0	3.47	3.56	4.14	4.06
γ 149.0	3.70	3.68	4.33	4.31
γ 150.0	3.94	3.96	4.56	4.46
γ 151.0	4.07	4.06	4.68	4.67
γ 152.0	4.22	4.34	4.89	4.77
γ 153.0	4.39	4.44	5.03	4.86
γ 154.0	4.58	4.58	5.15	4.99
γ 155.0	4.73	4.72	5.21	5.10
γ 156.0	4.94	4.83	5.36	5.19
γ 157.0	4.86	4.94	5.49	5.26
γ 158.0	5.13	5.07	5.47	5.31
γ 159.0	5.25	5.18	5.53	5.46
γ 160.0	5.29	5.16	5.66	5.46
γ 161.0	5.36	5.29	5.64	5.51
γ 162.0	5.41	5.40	5.64	5.56
γ 163.0	5.42	5.40	5.69	5.58
γ 164.0	5.50	5.46	5.69	5.53
γ 165.0	5.56	5.46	5.72	5.55
γ 166.0	5.55	5.58	5.67	5.54
γ 167.0	5.60	5.53	5.70	5.54
γ 168.0	5.57	5.57	5.64	5.52
γ 169.0	5.60	5.52	5.64	5.48
γ 170.0	5.58	5.53	5.64	5.45
γ 171.0	5.60	5.58	5.59	5.48
γ 172.0	5.59	5.51	5.57	5.46
γ 173.0	5.54	5.40	5.49	5.39
γ 174.0	5.59	5.43	5.55	5.46
γ 175.0	5.60	5.44	5.52	5.40
γ 176.0	5.54	5.48	5.54	5.41
γ 177.0	5.56	5.47	5.49	5.44
γ 178.0	5.58	5.46	5.51	5.47
γ 179.0	5.56	5.44	5.48	5.52
γ 180.0	5.54	5.54	5.54	5.54