

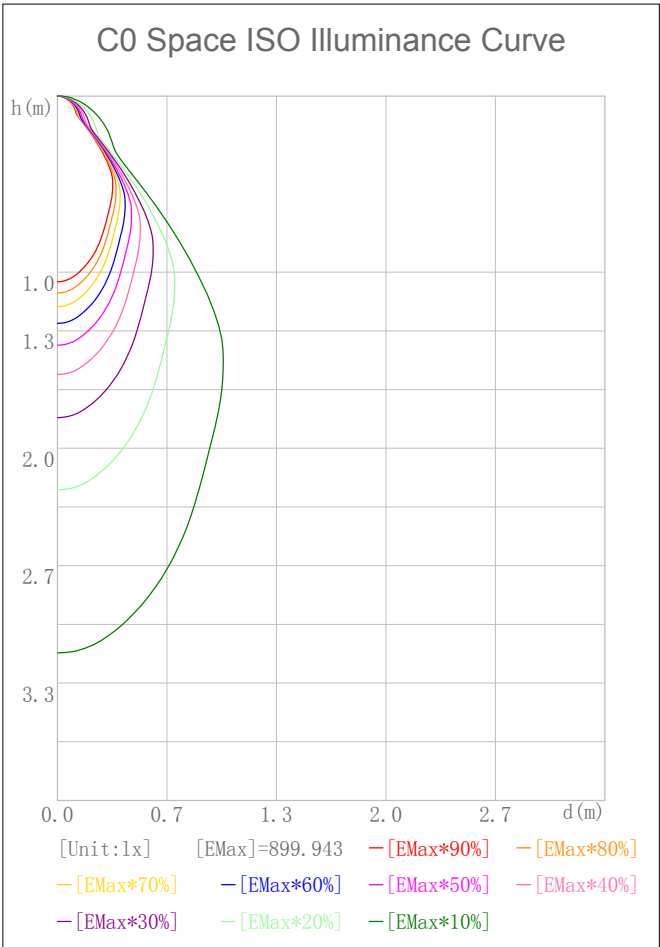
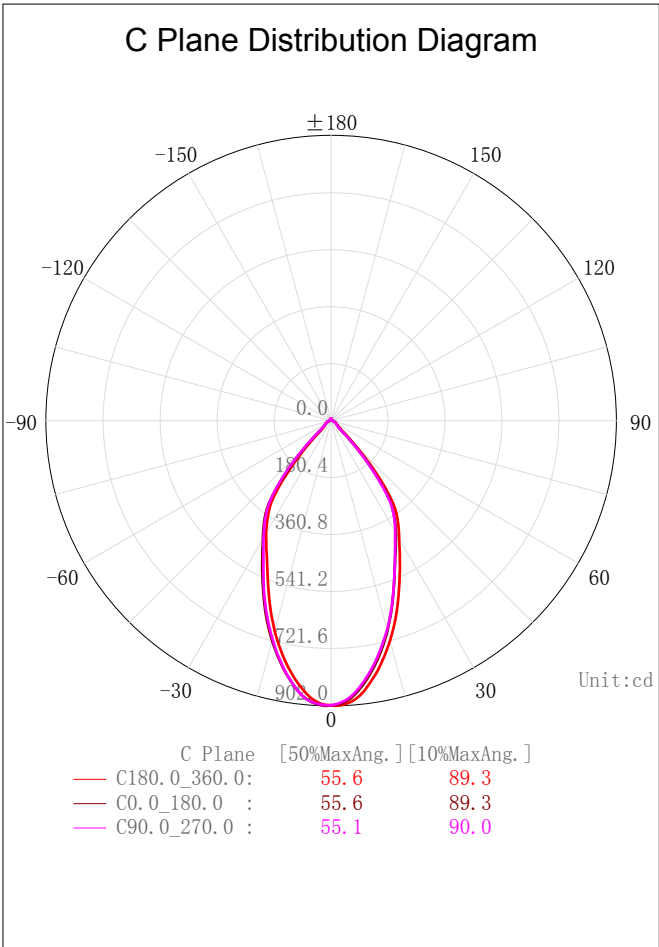
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-09-XX-02 4000K RA90 60D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/12/03
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*0.060m		Lum. Area (m2):0.005	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

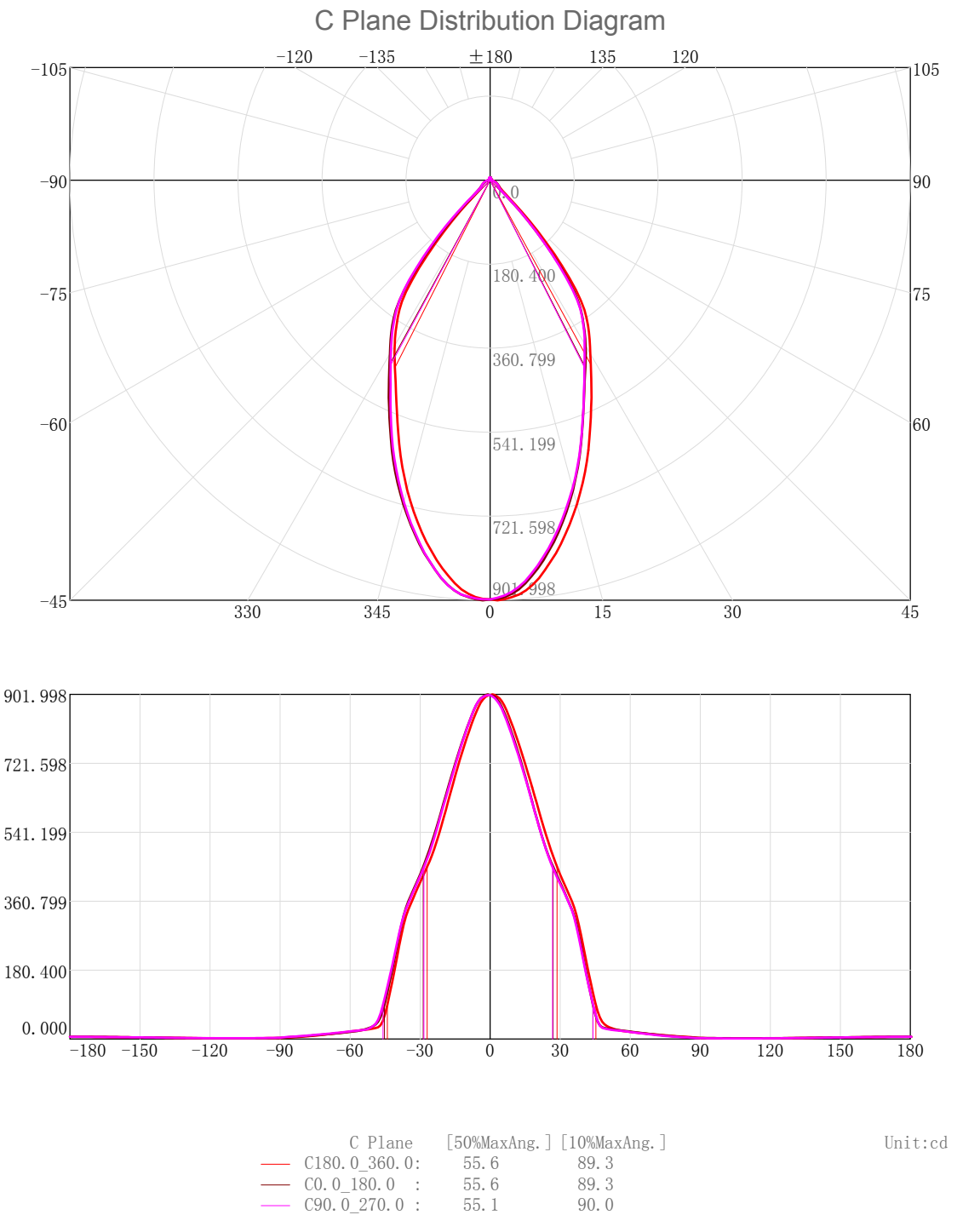
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 862.970	Luminary Flux(lm): 862.970	Field Angle(10%Imax): 89.3(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 843.884lm 97.79%	
Rated Voltage(V):	Luminary EER(lm/W): 93.679	Up Lumens&Percent: 19.086lm 2.21%	
Tested Power(W): 9.212	Max. Candela(cd): 901.998	S/MH: C0_a180=0.795 C90_270=0.790	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):241.6, 0.041, 0.920	Beam Angle(50%Imax): 55.6(°)	ErP ϕ use(90°): 771.067lm	
Lamp Size(W*L*H):0.050m*0.050m*0.060m	Left=-27.0°, Right=28.7°	IRF(%): 239.571	



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-09-XX-02 4000K RA90 60D	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: 2019/12/03



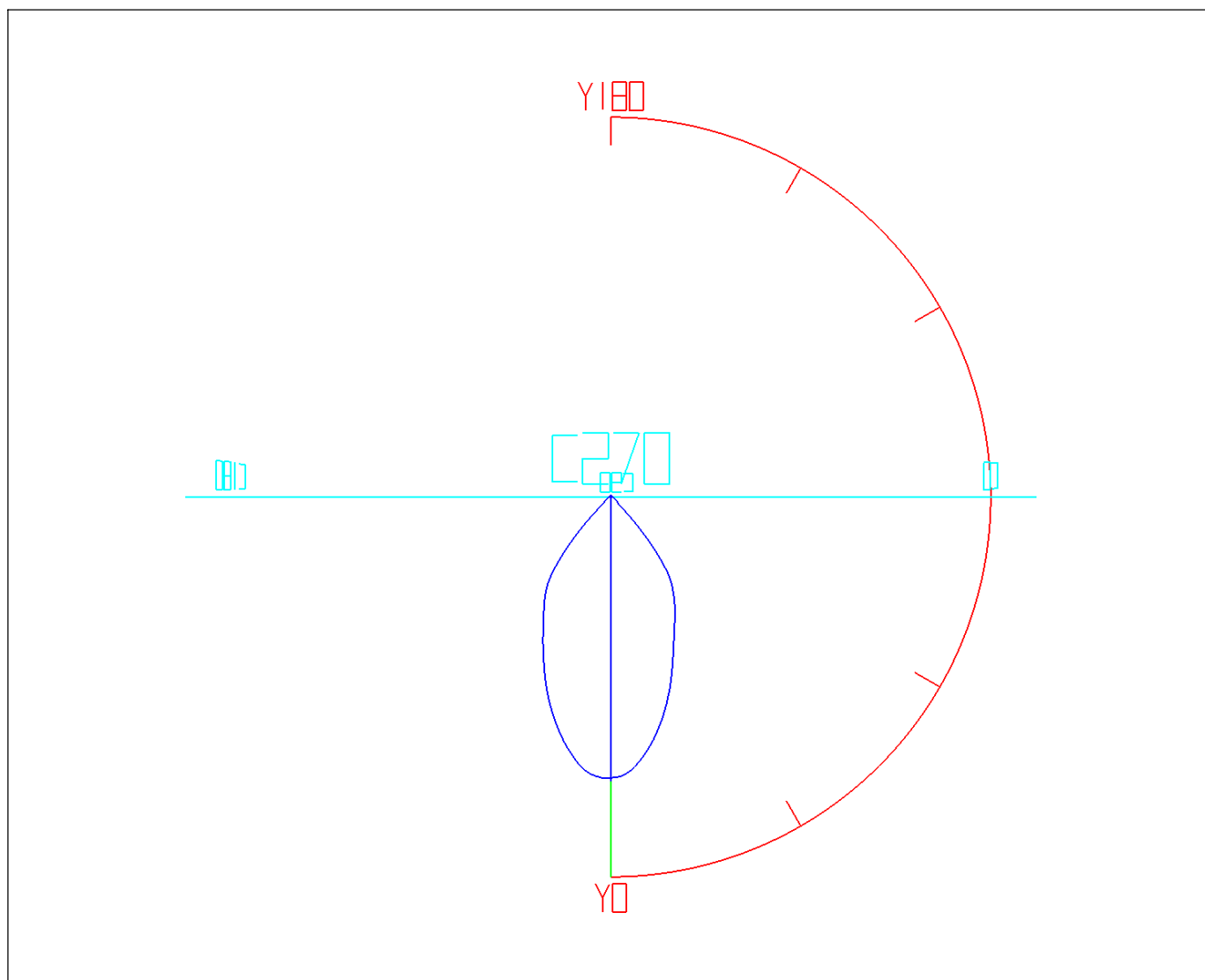
IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 60D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-09-XX-02 4000K RA90 60D	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: 2019/12/03

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

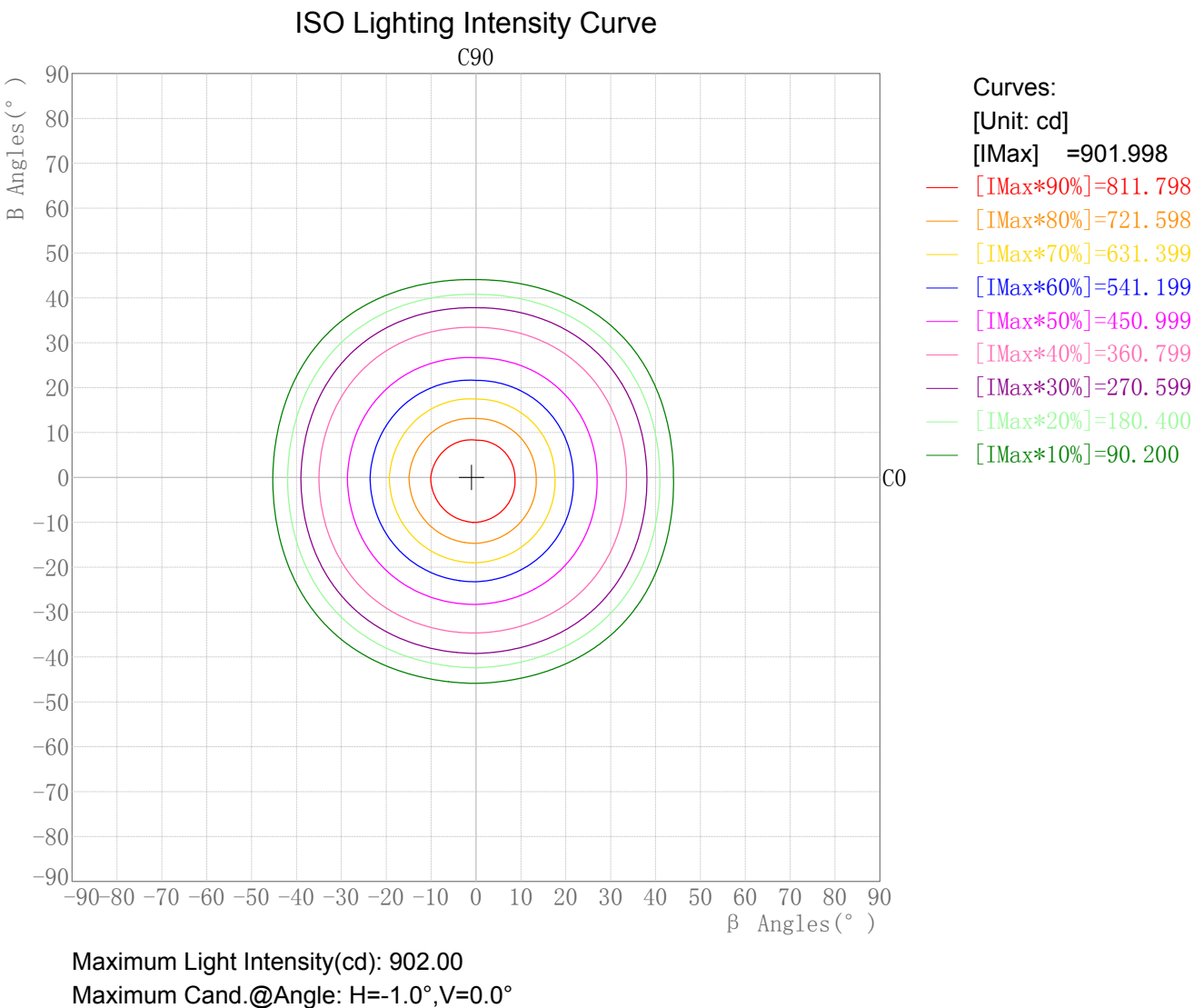
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.86	0.86	0.10	0.10	47.0-48.0	3.55	785.35	0.41	91.01
1.0-2.0	2.58	3.44	0.30	0.40	48.0-49.0	3.01	788.35	0.35	91.35
2.0-3.0	4.28	7.71	0.50	0.89	49.0-50.0	2.71	791.06	0.31	91.67
3.0-4.0	5.95	13.66	0.69	1.58	50.0-51.0	2.51	793.57	0.29	91.96
4.0-5.0	7.57	21.23	0.88	2.46	51.0-52.0	2.36	795.93	0.27	92.23
5.0-6.0	9.13	30.37	1.06	3.52	52.0-53.0	2.25	798.19	0.26	92.49
6.0-7.0	10.62	40.99	1.23	4.75	53.0-54.0	2.17	800.36	0.25	92.74
7.0-8.0	12.03	53.03	1.39	6.14	54.0-55.0	2.12	802.48	0.25	92.99
8.0-9.0	13.36	66.39	1.55	7.69	55.0-56.0	2.07	804.54	0.24	93.23
9.0-10.0	14.62	81.00	1.69	9.39	56.0-57.0	2.02	806.56	0.23	93.46
10.0-11.0	15.78	96.79	1.83	11.22	57.0-58.0	1.97	808.53	0.23	93.69
11.0-12.0	16.85	113.64	1.95	13.17	58.0-59.0	1.92	810.45	0.22	93.91
12.0-13.0	17.84	131.49	2.07	15.24	59.0-60.0	1.87	812.32	0.22	94.13
13.0-14.0	18.74	150.23	2.17	17.41	60.0-61.0	1.82	814.13	0.21	94.34
14.0-15.0	19.55	169.77	2.27	19.67	61.0-62.0	1.76	815.90	0.20	94.55
15.0-16.0	20.26	190.03	2.35	22.02	62.0-63.0	1.71	817.61	0.20	94.74
16.0-17.0	20.88	210.91	2.42	24.44	63.0-64.0	1.65	819.26	0.19	94.93
17.0-18.0	21.41	232.32	2.48	26.92	64.0-65.0	1.60	820.86	0.19	95.12
18.0-19.0	21.84	254.15	2.53	29.45	65.0-66.0	1.54	822.40	0.18	95.30
19.0-20.0	22.17	276.33	2.57	32.02	66.0-67.0	1.49	823.89	0.17	95.47
20.0-21.0	22.43	298.75	2.60	34.62	67.0-68.0	1.43	825.32	0.17	95.64
21.0-22.0	22.61	321.37	2.62	37.24	68.0-69.0	1.38	826.70	0.16	95.80
22.0-23.0	22.75	344.12	2.64	39.88	69.0-70.0	1.32	828.02	0.15	95.95
23.0-24.0	22.84	366.96	2.65	42.52	70.0-71.0	1.27	829.29	0.15	96.10
24.0-25.0	22.91	389.87	2.65	45.18	71.0-72.0	1.21	830.50	0.14	96.24
25.0-26.0	22.94	412.81	2.66	47.84	72.0-73.0	1.16	831.66	0.13	96.37
26.0-27.0	22.96	435.78	2.66	50.50	73.0-74.0	1.11	832.77	0.13	96.50
27.0-28.0	22.97	458.75	2.66	53.16	74.0-75.0	1.05	833.82	0.12	96.62
28.0-29.0	22.97	481.72	2.66	55.82	75.0-76.0	1.00	834.82	0.12	96.74
29.0-30.0	22.95	504.67	2.66	58.48	76.0-77.0	0.95	835.77	0.11	96.85
30.0-31.0	22.90	527.57	2.65	61.13	77.0-78.0	0.90	836.66	0.10	96.95
31.0-32.0	22.80	550.37	2.64	63.78	78.0-79.0	0.85	837.51	0.10	97.05
32.0-33.0	22.64	573.01	2.62	66.40	79.0-80.0	0.80	838.31	0.09	97.14
33.0-34.0	22.41	595.42	2.60	69.00	80.0-81.0	0.75	839.06	0.09	97.23
34.0-35.0	22.10	617.51	2.56	71.56	81.0-82.0	0.71	839.77	0.08	97.31
35.0-36.0	21.64	639.15	2.51	74.06	82.0-83.0	0.67	840.44	0.08	97.39
36.0-37.0	20.92	660.07	2.42	76.49	83.0-84.0	0.63	841.07	0.07	97.46
37.0-38.0	19.85	679.92	2.30	78.79	84.0-85.0	0.59	841.65	0.07	97.53
38.0-39.0	18.47	698.39	2.14	80.93	85.0-86.0	0.55	842.20	0.06	97.59
39.0-40.0	16.82	715.20	1.95	82.88	86.0-87.0	0.50	842.70	0.06	97.65
40.0-41.0	15.00	730.21	1.74	84.62	87.0-88.0	0.44	843.14	0.05	97.70
41.0-42.0	13.15	743.36	1.52	86.14	88.0-89.0	0.39	843.53	0.05	97.75
42.0-43.0	11.26	754.62	1.31	87.44	89.0-90.0	0.35	843.88	0.04	97.79
43.0-44.0	9.36	763.98	1.08	88.53	90.0-91.0	0.33	844.21	0.04	97.83
44.0-45.0	7.51	771.49	0.87	89.40	91.0-92.0	0.32	844.53	0.04	97.86
45.0-46.0	5.83	777.32	0.68	90.07	92.0-93.0	0.31	844.84	0.04	97.90
46.0-47.0	4.48	781.80	0.52	90.59	93.0-94.0	0.30	845.14	0.03	97.93

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	0.29	845.43	0.03	97.97	141.0-142.0	0.26	856.58	0.03	99.26
95.0-96.0	0.28	845.71	0.03	98.00	142.0-143.0	0.26	856.84	0.03	99.29
96.0-97.0	0.27	845.98	0.03	98.03	143.0-144.0	0.26	857.10	0.03	99.32
97.0-98.0	0.27	846.25	0.03	98.06	144.0-145.0	0.26	857.36	0.03	99.35
98.0-99.0	0.26	846.51	0.03	98.09	145.0-146.0	0.26	857.61	0.03	99.38
99.0-100.0	0.25	846.76	0.03	98.12	146.0-147.0	0.26	857.87	0.03	99.41
100.0-101.0	0.25	847.01	0.03	98.15	147.0-148.0	0.25	858.12	0.03	99.44
101.0-102.0	0.24	847.25	0.03	98.18	148.0-149.0	0.25	858.37	0.03	99.47
102.0-103.0	0.24	847.49	0.03	98.21	149.0-150.0	0.25	858.62	0.03	99.50
103.0-104.0	0.23	847.72	0.03	98.23	150.0-151.0	0.24	858.86	0.03	99.52
104.0-105.0	0.23	847.95	0.03	98.26	151.0-152.0	0.24	859.10	0.03	99.55
105.0-106.0	0.23	848.18	0.03	98.29	152.0-153.0	0.24	859.34	0.03	99.58
106.0-107.0	0.22	848.40	0.03	98.31	153.0-154.0	0.23	859.57	0.03	99.61
107.0-108.0	0.22	848.62	0.03	98.34	154.0-155.0	0.23	859.79	0.03	99.63
108.0-109.0	0.22	848.84	0.03	98.36	155.0-156.0	0.22	860.01	0.03	99.66
109.0-110.0	0.22	849.06	0.03	98.39	156.0-157.0	0.22	860.23	0.03	99.68
110.0-111.0	0.22	849.27	0.02	98.41	157.0-158.0	0.21	860.44	0.02	99.71
111.0-112.0	0.22	849.49	0.02	98.44	158.0-159.0	0.20	860.64	0.02	99.73
112.0-113.0	0.21	849.70	0.02	98.46	159.0-160.0	0.20	860.84	0.02	99.75
113.0-114.0	0.21	849.92	0.02	98.49	160.0-161.0	0.19	861.03	0.02	99.78
114.0-115.0	0.21	850.13	0.02	98.51	161.0-162.0	0.18	861.22	0.02	99.80
115.0-116.0	0.22	850.35	0.02	98.54	162.0-163.0	0.18	861.39	0.02	99.82
116.0-117.0	0.22	850.56	0.03	98.56	163.0-164.0	0.17	861.56	0.02	99.84
117.0-118.0	0.22	850.78	0.03	98.59	164.0-165.0	0.16	861.73	0.02	99.86
118.0-119.0	0.22	851.00	0.03	98.61	165.0-166.0	0.15	861.88	0.02	99.87
119.0-120.0	0.22	851.22	0.03	98.64	166.0-167.0	0.14	862.02	0.02	99.89
120.0-121.0	0.22	851.44	0.03	98.66	167.0-168.0	0.14	862.16	0.02	99.91
121.0-122.0	0.22	851.66	0.03	98.69	168.0-169.0	0.13	862.28	0.01	99.92
122.0-123.0	0.22	851.89	0.03	98.72	169.0-170.0	0.12	862.40	0.01	99.93
123.0-124.0	0.23	852.12	0.03	98.74	170.0-171.0	0.11	862.50	0.01	99.95
124.0-125.0	0.23	852.35	0.03	98.77	171.0-172.0	0.10	862.60	0.01	99.96
125.0-126.0	0.23	852.58	0.03	98.80	172.0-173.0	0.09	862.69	0.01	99.97
126.0-127.0	0.23	852.81	0.03	98.82	173.0-174.0	0.07	862.76	0.01	99.98
127.0-128.0	0.24	853.05	0.03	98.85	174.0-175.0	0.06	862.82	0.01	99.98
128.0-129.0	0.24	853.28	0.03	98.88	175.0-176.0	0.05	862.88	0.01	99.99
129.0-130.0	0.24	853.53	0.03	98.91	176.0-177.0	0.04	862.92	0.00	99.99
130.0-131.0	0.24	853.77	0.03	98.93	177.0-178.0	0.03	862.95	0.00	100.00
131.0-132.0	0.25	854.02	0.03	98.96	178.0-179.0	0.02	862.96	0.00	100.00
132.0-133.0	0.25	854.26	0.03	98.99	179.0-180.0	0.01	862.97	0.00	100.00
133.0-134.0	0.25	854.51	0.03	99.02					
134.0-135.0	0.25	854.77	0.03	99.05					
135.0-136.0	0.25	855.02	0.03	99.08					
136.0-137.0	0.26	855.28	0.03	99.11					
137.0-138.0	0.26	855.54	0.03	99.14					
138.0-139.0	0.26	855.79	0.03	99.17					
139.0-140.0	0.26	856.06	0.03	99.20					
140.0-141.0	0.26	856.32	0.03	99.23					

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-09-XX-02 4000K RA90 60D	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: 2019/12/03



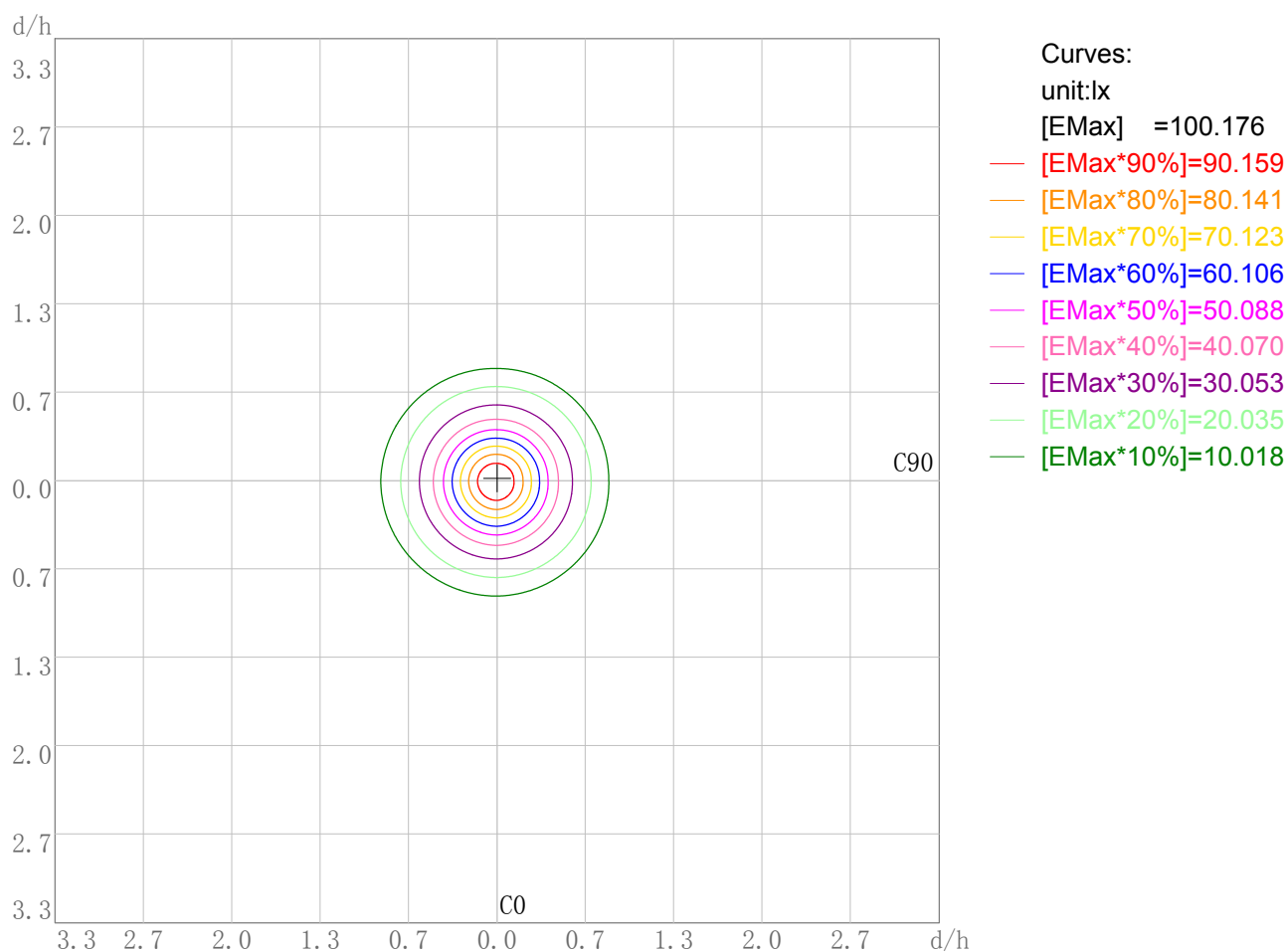
IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 60D.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD10-09-XX-02 4000K RA90 60D	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: 2019/12/03

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

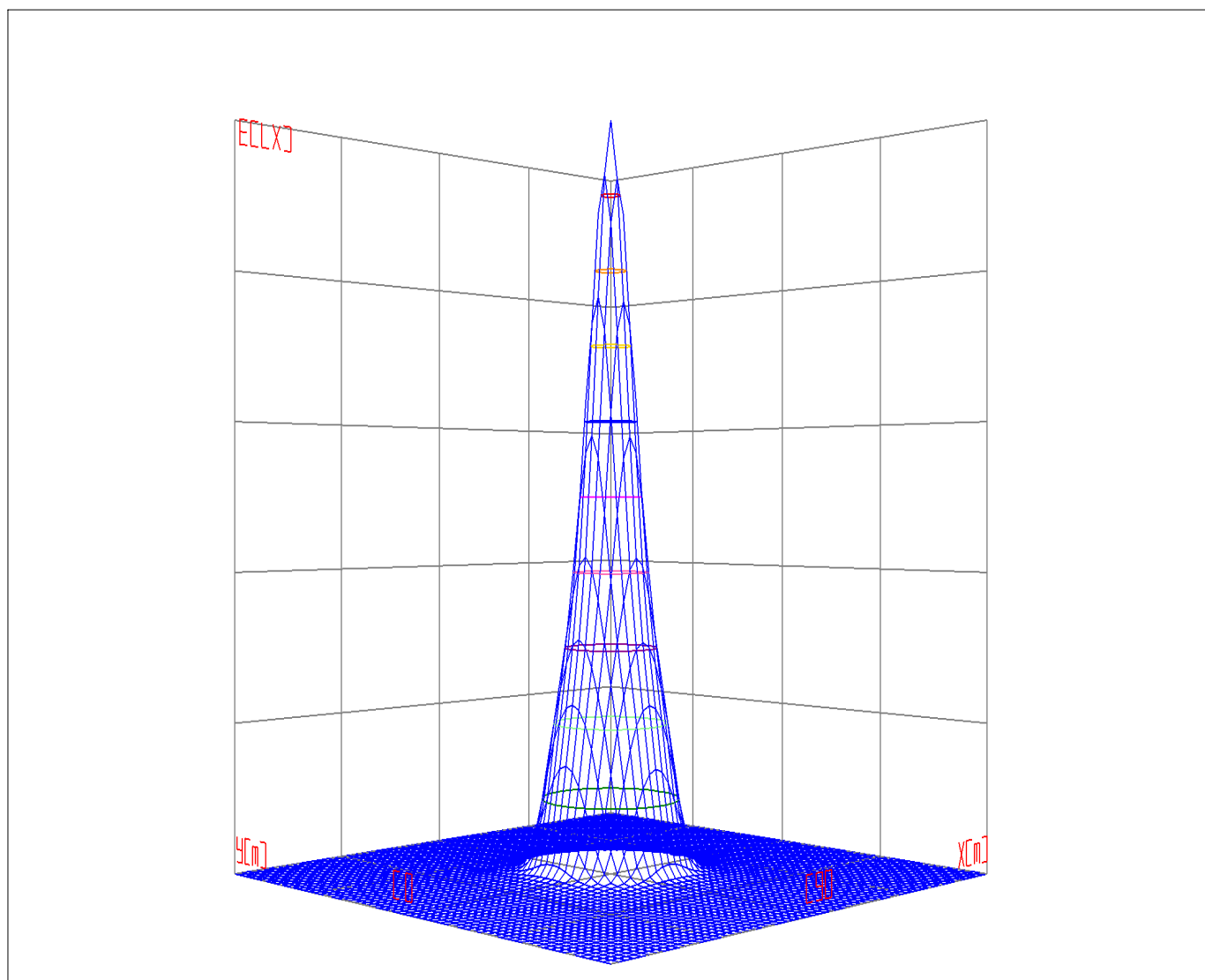
Working Plane Maximum Illuminance(lx): 100.18

Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-09-XX-02 4000K RA90 60D	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: 2019/12/03

3D Plane Illuminance Modal

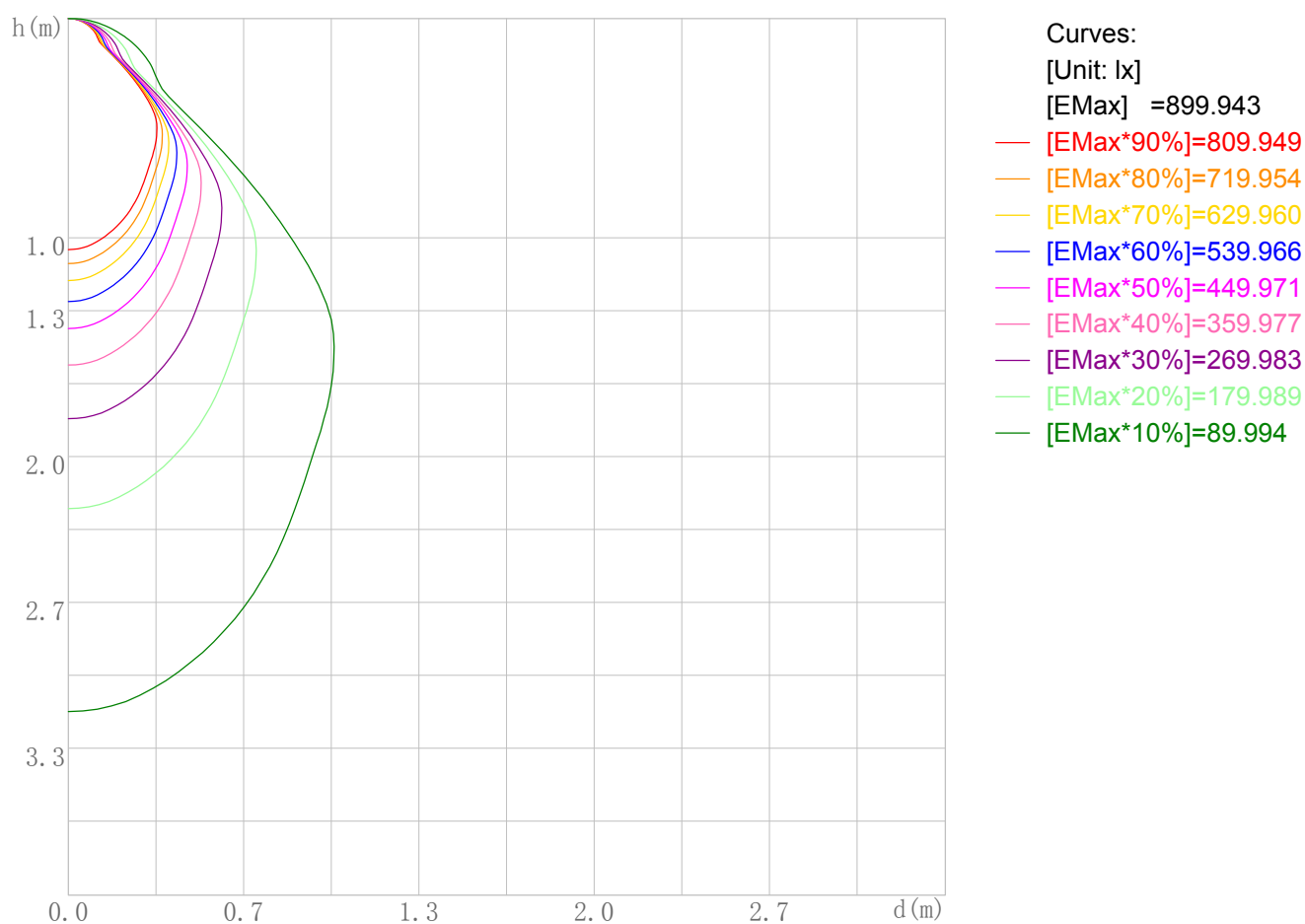


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-09-XX-02 4000K RA90 60D	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: 2019/12/03

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:899.94lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:899.943cd,0deg

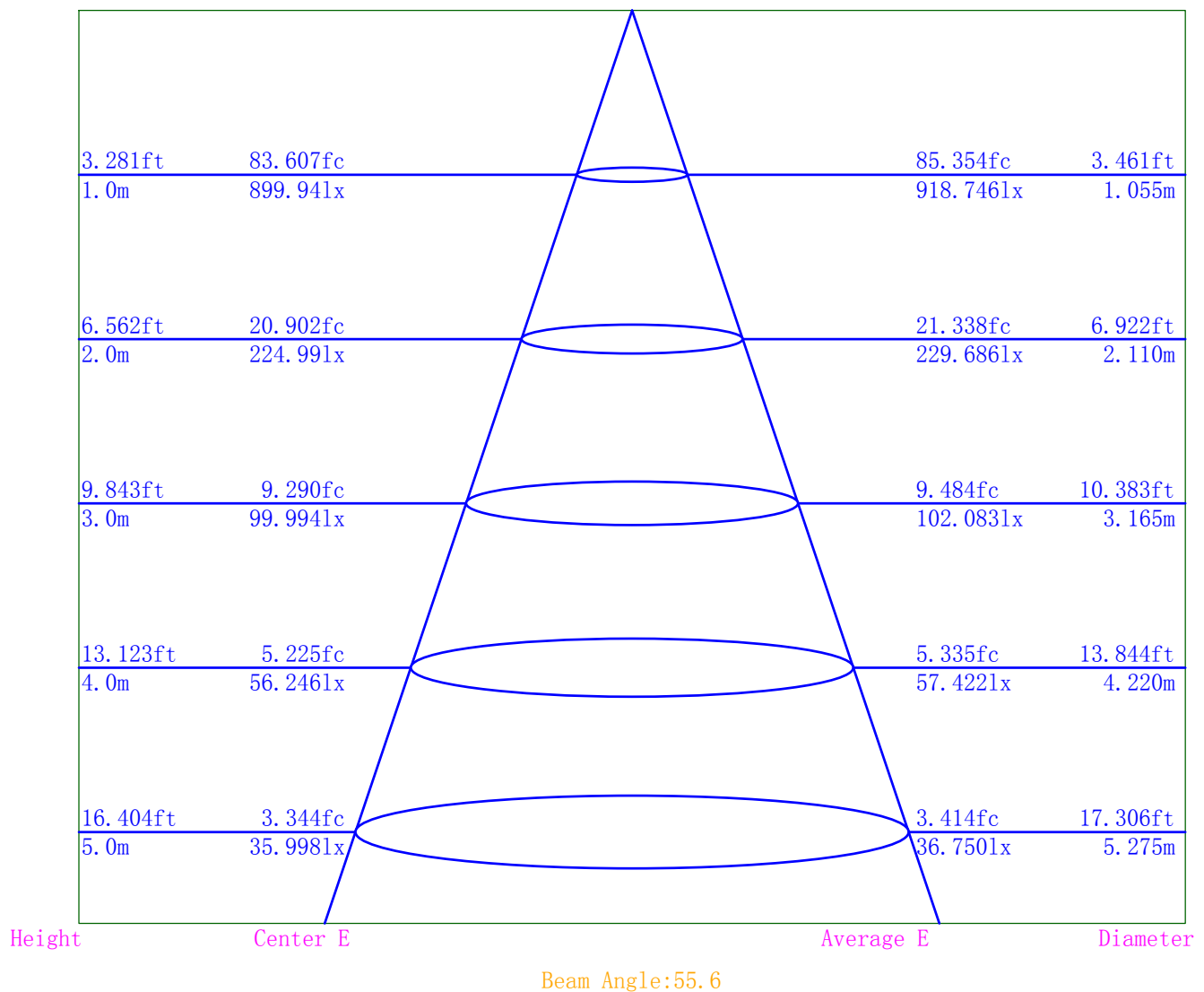
IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 60D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-09-XX-02 4000K RA90 60D	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: 2019/12/03

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 60D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-09-XX-02 4000K RA90 60D	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: 2019/12/03

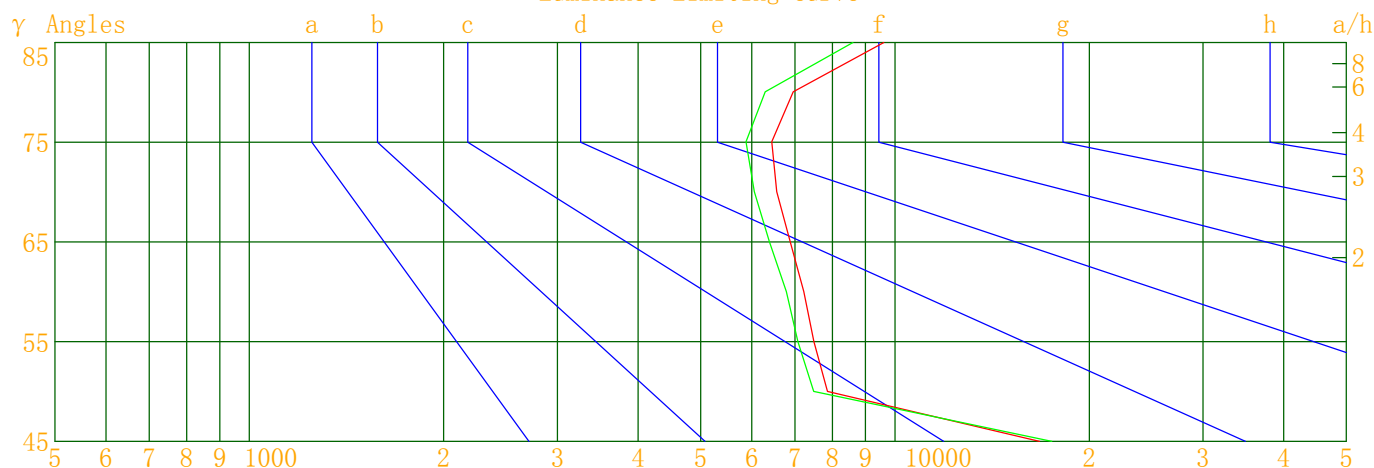
Glare Grade Table

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	16736	7859	7488	7224	6880	6558	6443	6957	9611
C90	17494	7483	7072	6787	6390	6056	5880	6296	8605

Luminance Limiting Curve



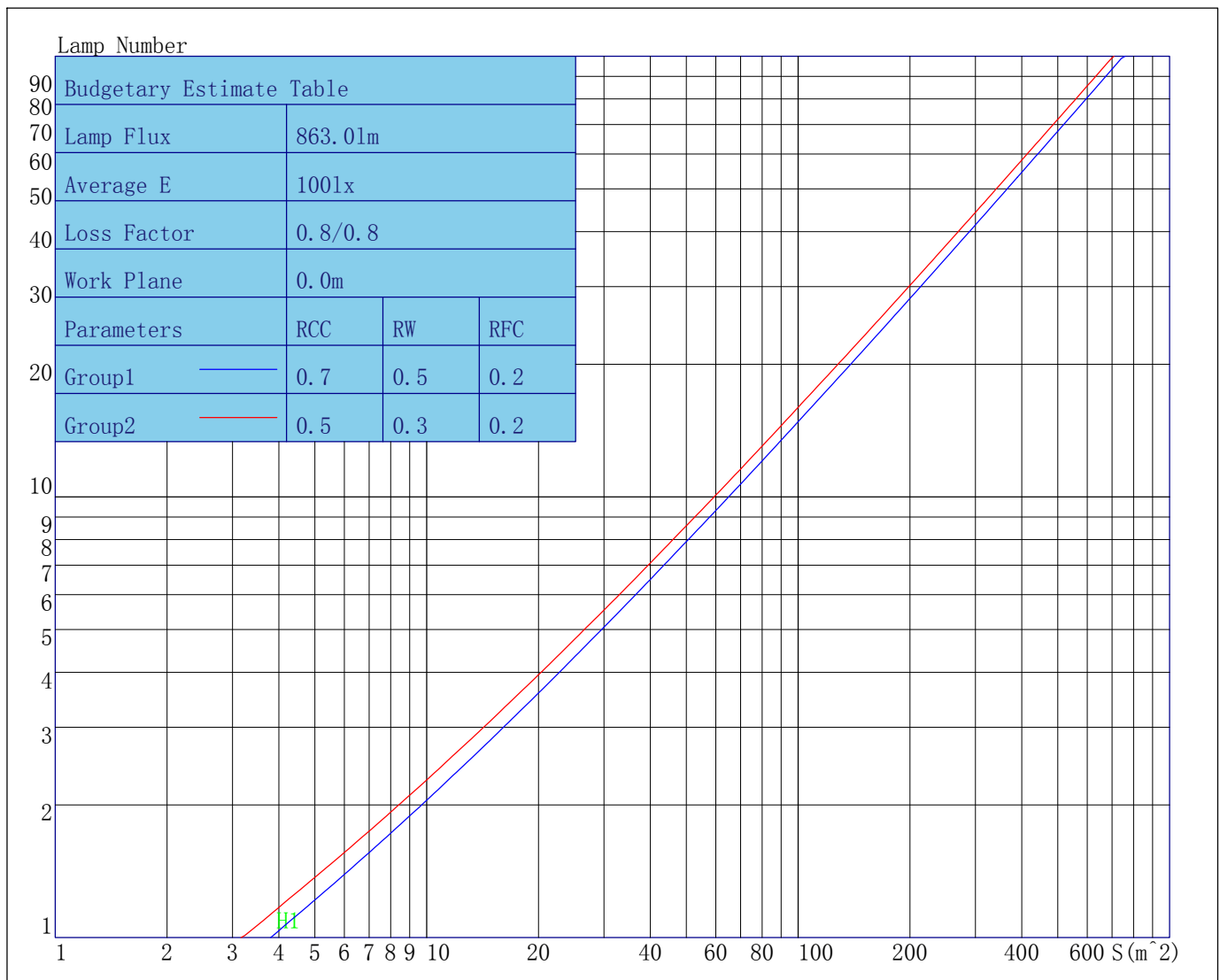
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.060 Area(m^2)=0.005500
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 60D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-09-XX-02 4000K RA90 60D	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: 2019/12/03



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:MD10-09-XX-02 4000K RA90 60D.IES

Indoor Coefficient of Utilization Table

Lum. Name: MD10-09-XX-02 4000K RA90 60D	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: 2019/12/03

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	110	110	110	105	105	105	100	100	100	98
1	112	109	106	103	109	106	104	102	102	100	98	98	96	95	94	93	92	90
2	106	100	96	92	103	98	94	91	95	91	88	91	88	86	88	86	84	82
3	100	92	87	82	97	91	86	82	88	84	80	85	81	78	82	79	77	75
4	94	86	79	75	92	84	79	74	82	77	73	79	75	72	77	74	71	69
5	89	79	73	68	87	78	72	68	76	71	67	74	70	66	72	69	65	64
6	84	74	67	63	82	73	67	62	71	66	62	70	65	61	68	64	61	59
7	79	69	63	58	78	68	62	58	67	61	57	65	60	57	64	60	56	55
8	75	65	58	54	74	64	58	54	63	57	53	61	57	53	60	56	53	51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	49	57	52	49	48
10	68	57	51	47	66	57	51	47	56	50	46	55	50	46	54	49	46	45

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	899.94	899.94	899.94	899.94
γ 1.0	898.86	896.59	902.00	899.89
γ 2.0	895.61	891.91	900.19	898.49
γ 3.0	889.16	885.04	896.17	895.39
γ 4.0	880.63	875.58	891.65	891.45
γ 5.0	868.65	864.08	883.88	884.14
γ 6.0	854.63	849.39	873.49	874.09
γ 7.0	839.94	834.24	860.78	860.47
γ 8.0	823.56	817.00	845.20	845.25
γ 9.0	805.86	800.26	829.22	828.61
γ 10.0	788.80	782.34	813.42	812.18
γ 11.0	769.63	763.47	795.79	793.28
γ 12.0	749.50	744.27	777.11	774.20
γ 13.0	730.09	723.94	758.77	755.63
γ 14.0	709.08	704.02	739.36	735.51
γ 15.0	688.05	684.22	720.20	715.09
γ 16.0	665.50	663.49	699.86	694.35
γ 17.0	644.30	641.43	679.78	673.75
γ 18.0	621.98	620.04	659.30	652.77
γ 19.0	599.06	597.66	637.99	631.61
γ 20.0	576.78	575.55	616.56	610.49
γ 21.0	555.17	553.91	594.37	588.91
γ 22.0	534.55	533.82	573.19	567.33
γ 23.0	515.28	514.04	553.14	545.88
γ 24.0	496.72	495.22	533.31	525.61
γ 25.0	479.89	478.11	514.91	506.01
γ 26.0	464.49	461.30	495.88	487.46
γ 27.0	450.55	445.79	478.24	470.96
γ 28.0	436.25	431.61	461.33	455.06
γ 29.0	423.35	418.40	445.52	440.43
γ 30.0	409.80	405.67	430.34	426.12
γ 31.0	396.38	393.67	416.56	412.65
γ 32.0	382.59	380.43	402.90	398.61
γ 33.0	368.11	366.60	389.40	385.02
γ 34.0	354.06	352.70	375.48	370.43
γ 35.0	338.97	337.74	360.79	355.81
γ 36.0	321.89	318.16	344.44	341.01
γ 37.0	299.72	293.05	323.92	323.29
γ 38.0	272.52	265.39	298.69	301.77
γ 39.0	243.16	235.32	270.96	276.41
γ 40.0	210.04	204.20	240.40	248.24
γ 41.0	178.95	173.96	209.87	219.77
γ 42.0	148.42	146.04	179.46	191.15
γ 43.0	118.75	118.18	150.40	163.80
γ 44.0	90.01	91.99	122.11	136.74
γ 45.0	65.09	68.03	96.25	111.15
γ 46.0	46.77	48.13	73.97	87.20

IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 60D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	35.84	35.32	56.98	66.25
γ 48.0	30.98	29.64	45.58	50.51
γ 49.0	29.13	27.73	38.88	40.55
γ 50.0	27.78	26.45	34.40	34.96
γ 51.0	26.71	25.19	31.18	30.75
γ 52.0	25.78	24.27	28.76	27.36
γ 53.0	25.00	23.63	26.74	25.39
γ 54.0	24.27	22.98	25.01	24.36
γ 55.0	23.62	22.31	23.53	23.55
γ 56.0	22.97	21.67	22.53	22.87
γ 57.0	22.26	20.99	21.16	22.19
γ 58.0	21.39	20.25	20.29	21.54
γ 59.0	20.63	19.48	19.64	20.92
γ 60.0	19.87	18.66	18.86	20.24
γ 61.0	19.06	17.86	18.16	19.59
γ 62.0	18.29	17.10	17.42	18.89
γ 63.0	17.56	16.39	16.71	18.17
γ 64.0	16.80	15.61	16.08	17.52
γ 65.0	15.99	14.85	15.49	16.90
γ 66.0	15.28	14.14	14.89	16.28
γ 67.0	14.50	13.40	14.27	15.64
γ 68.0	13.72	12.68	13.78	15.03
γ 69.0	13.05	12.02	13.22	14.43
γ 70.0	12.34	11.39	12.66	13.82
γ 71.0	11.64	10.70	12.19	13.25
γ 72.0	11.02	10.13	11.69	12.70
γ 73.0	10.41	9.59	11.13	12.10
γ 74.0	9.73	8.91	10.65	11.60
γ 75.0	9.17	8.37	10.16	11.10
γ 76.0	8.64	7.86	9.56	10.52
γ 77.0	8.04	7.32	9.06	10.03
γ 78.0	7.48	6.80	8.66	9.53
γ 79.0	7.08	6.44	8.04	9.05
γ 80.0	6.64	6.01	7.57	8.57
γ 81.0	6.09	5.52	7.18	8.16
γ 82.0	5.67	5.14	6.81	7.77
γ 83.0	5.32	4.81	6.31	7.23
γ 84.0	5.02	4.49	5.94	6.82
γ 85.0	4.61	4.13	5.60	6.47
γ 86.0	4.14	3.55	5.26	6.15
γ 87.0	3.78	3.16	4.73	5.65
γ 88.0	3.41	2.66	4.02	4.86
γ 89.0	3.31	2.58	3.48	4.23
γ 90.0	3.20	2.50	2.98	3.56
γ 91.0	3.11	2.43	2.77	3.42
γ 92.0	3.03	2.36	2.69	3.33
γ 93.0	2.94	2.29	2.61	3.22

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.87	2.23	2.53	3.12
γ 95.0	2.78	2.17	2.47	3.05
γ 96.0	2.72	2.12	2.40	2.96
γ 97.0	2.65	2.07	2.34	2.88
γ 98.0	2.59	2.02	2.28	2.80
γ 99.0	2.53	1.97	2.24	2.75
γ 100.0	2.47	1.94	2.20	2.68
γ 101.0	2.42	1.91	2.16	2.62
γ 102.0	2.37	1.88	2.11	2.57
γ 103.0	2.35	1.85	2.09	2.52
γ 104.0	2.31	1.83	2.06	2.49
γ 105.0	2.28	1.82	2.04	2.45
γ 106.0	2.26	1.81	2.03	2.42
γ 107.0	2.23	1.81	2.01	2.40
γ 108.0	2.22	1.81	2.00	2.39
γ 109.0	2.22	1.81	2.00	2.37
γ 110.0	2.21	1.81	2.01	2.35
γ 111.0	2.22	1.82	2.01	2.36
γ 112.0	2.22	1.84	2.03	2.36
γ 113.0	2.23	1.87	2.05	2.36
γ 114.0	2.25	1.89	2.07	2.37
γ 115.0	2.26	1.91	2.10	2.39
γ 116.0	2.28	1.94	2.12	2.41
γ 117.0	2.31	1.98	2.15	2.43
γ 118.0	2.34	2.00	2.18	2.45
γ 119.0	2.38	2.05	2.22	2.49
γ 120.0	2.41	2.09	2.26	2.52
γ 121.0	2.45	2.14	2.30	2.56
γ 122.0	2.49	2.19	2.35	2.60
γ 123.0	2.54	2.24	2.41	2.64
γ 124.0	2.59	2.30	2.46	2.68
γ 125.0	2.64	2.36	2.53	2.74
γ 126.0	2.70	2.42	2.58	2.78
γ 127.0	2.76	2.49	2.64	2.84
γ 128.0	2.83	2.56	2.70	2.90
γ 129.0	2.89	2.63	2.78	2.96
γ 130.0	2.96	2.71	2.85	3.03
γ 131.0	3.04	2.77	2.92	3.10
γ 132.0	3.11	2.86	3.00	3.16
γ 133.0	3.18	2.94	3.09	3.23
γ 134.0	3.26	3.03	3.16	3.30
γ 135.0	3.35	3.11	3.24	3.37
γ 136.0	3.43	3.20	3.33	3.46
γ 137.0	3.52	3.28	3.42	3.53
γ 138.0	3.60	3.38	3.52	3.62
γ 139.0	3.69	3.46	3.60	3.69
γ 140.0	3.77	3.56	3.70	3.79

IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 60D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.86	3.64	3.77	3.86
γ 142.0	3.94	3.73	3.86	3.94
γ 143.0	4.01	3.81	3.95	4.03
γ 144.0	4.09	3.90	4.03	4.11
γ 145.0	4.17	3.96	4.10	4.18
γ 146.0	4.24	4.04	4.19	4.25
γ 147.0	4.31	4.12	4.26	4.32
γ 148.0	4.38	4.20	4.33	4.39
γ 149.0	4.45	4.27	4.39	4.46
γ 150.0	4.53	4.34	4.48	4.53
γ 151.0	4.59	4.42	4.54	4.58
γ 152.0	4.67	4.49	4.61	4.66
γ 153.0	4.75	4.57	4.69	4.72
γ 154.0	4.82	4.64	4.76	4.79
γ 155.0	4.89	4.72	4.84	4.85
γ 156.0	4.97	4.80	4.90	4.93
γ 157.0	5.05	4.88	4.98	4.99
γ 158.0	5.12	4.96	5.04	5.05
γ 159.0	5.20	5.04	5.13	5.12
γ 160.0	5.27	5.11	5.20	5.18
γ 161.0	5.34	5.19	5.27	5.25
γ 162.0	5.41	5.26	5.33	5.31
γ 163.0	5.48	5.33	5.40	5.38
γ 164.0	5.55	5.39	5.47	5.44
γ 165.0	5.61	5.46	5.54	5.50
γ 166.0	5.69	5.52	5.60	5.56
γ 167.0	5.76	5.59	5.67	5.62
γ 168.0	5.81	5.65	5.74	5.67
γ 169.0	5.86	5.72	5.78	5.74
γ 170.0	5.91	5.77	5.84	5.80
γ 171.0	5.96	5.83	5.90	5.84
γ 172.0	6.02	5.89	5.95	5.89
γ 173.0	6.07	5.92	6.01	5.94
γ 174.0	6.11	5.97	6.06	5.99
γ 175.0	6.16	6.01	6.10	6.02
γ 176.0	6.19	6.05	6.14	6.07
γ 177.0	6.21	6.07	6.16	6.11
γ 178.0	6.24	6.09	6.19	6.13
γ 179.0	6.24	6.10	6.22	6.16
γ 180.0	6.20	6.20	6.20	6.20