

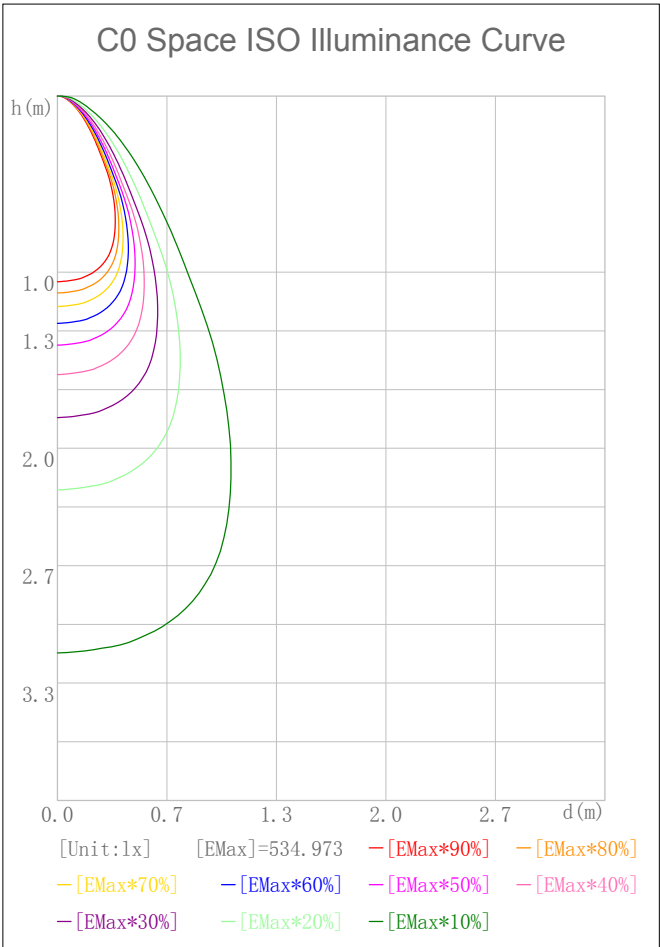
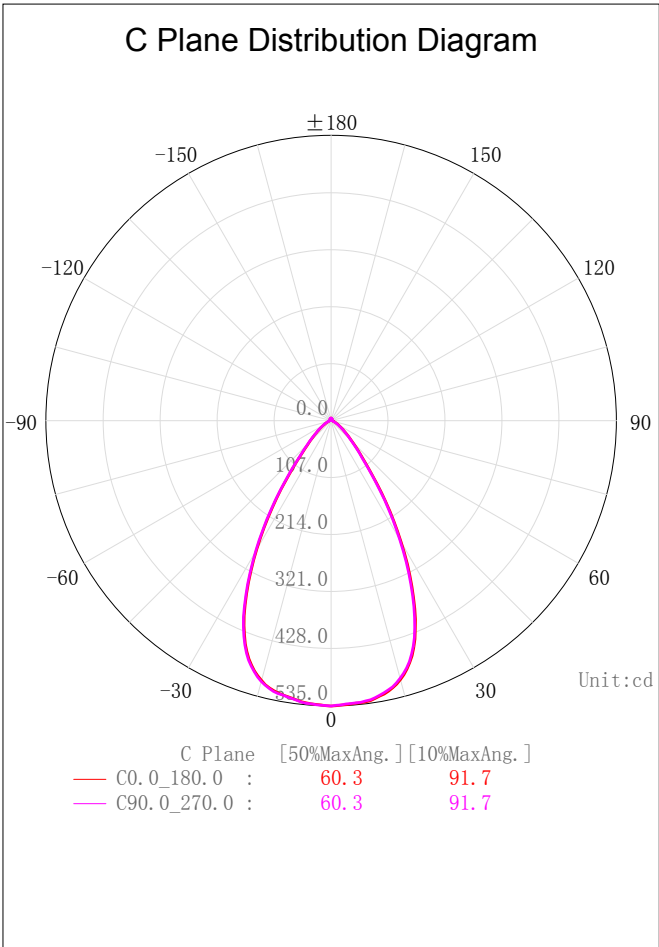
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-06-XX-01 4000K RA90 60D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/11/16
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*0.450m		Lum. Area (m2):0.025	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

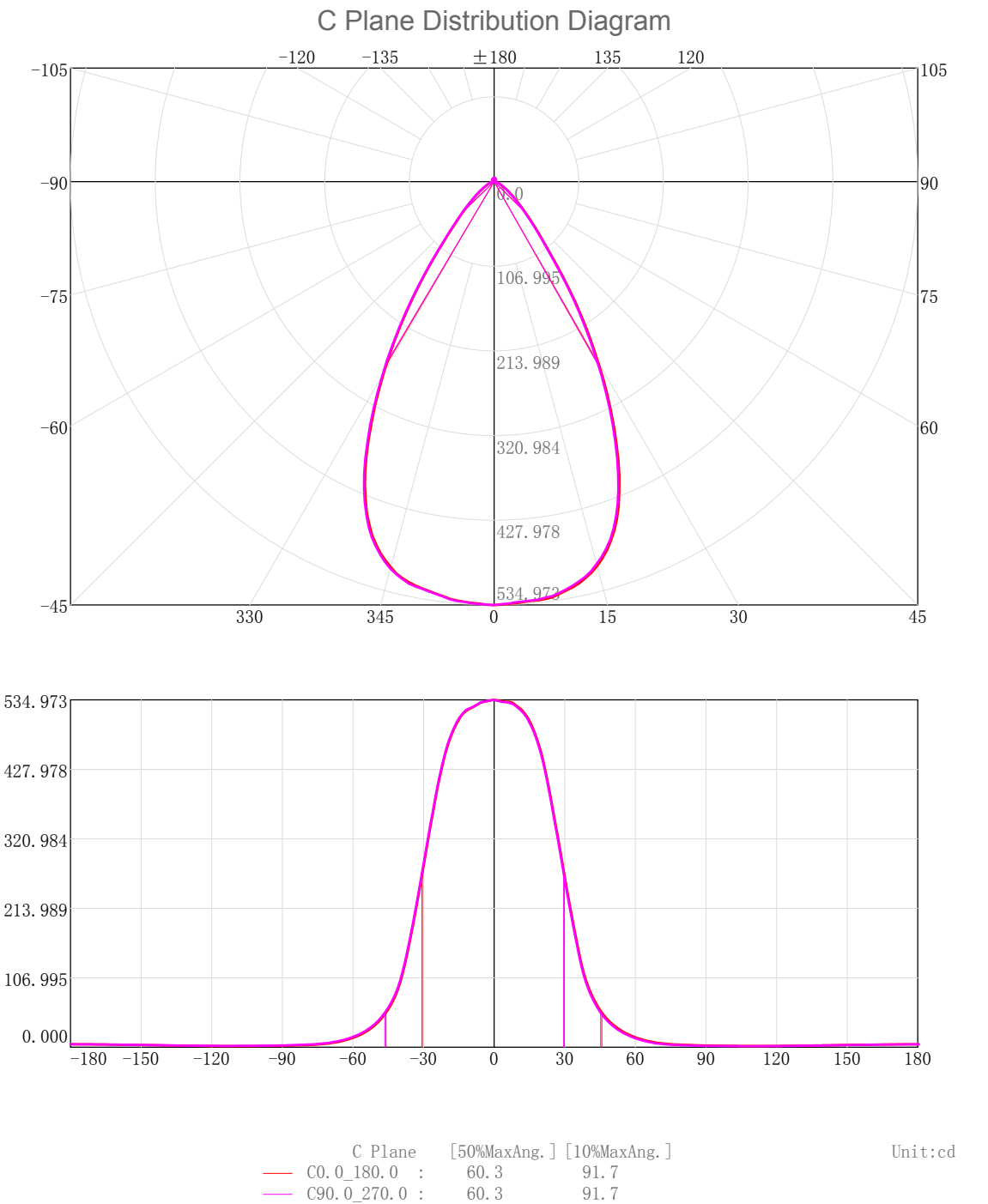
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminary Flux(lm): 569.828	Field Angle(10%Imax): 91.7(°)	
Rated Power(W):	Luminary Efficiency: 56.98%	Down Lumens&Percent: 553.338lm 97.11%	
Rated Voltage(V):	Luminary EER(lm/W): 104.383	Up Lumens&Percent: 16.490lm 2.89%	
Tested Power(W): 5.459	Max. Candela(cd): 534.973	S/MH: C0_a180=0.954 C90_270=0.953	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.2, 0.026, 0.866	Beam Angle(50%Imax): 60.3(°)	ErP Φ use(90°): 493.844lm	
Lamp Size (W*L*H):0.050m*0.050m*0.450m	Left=-30.5°, Right=29.8°	IRF(%): 216.995	



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-06-XX-01 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: 2019/11/16



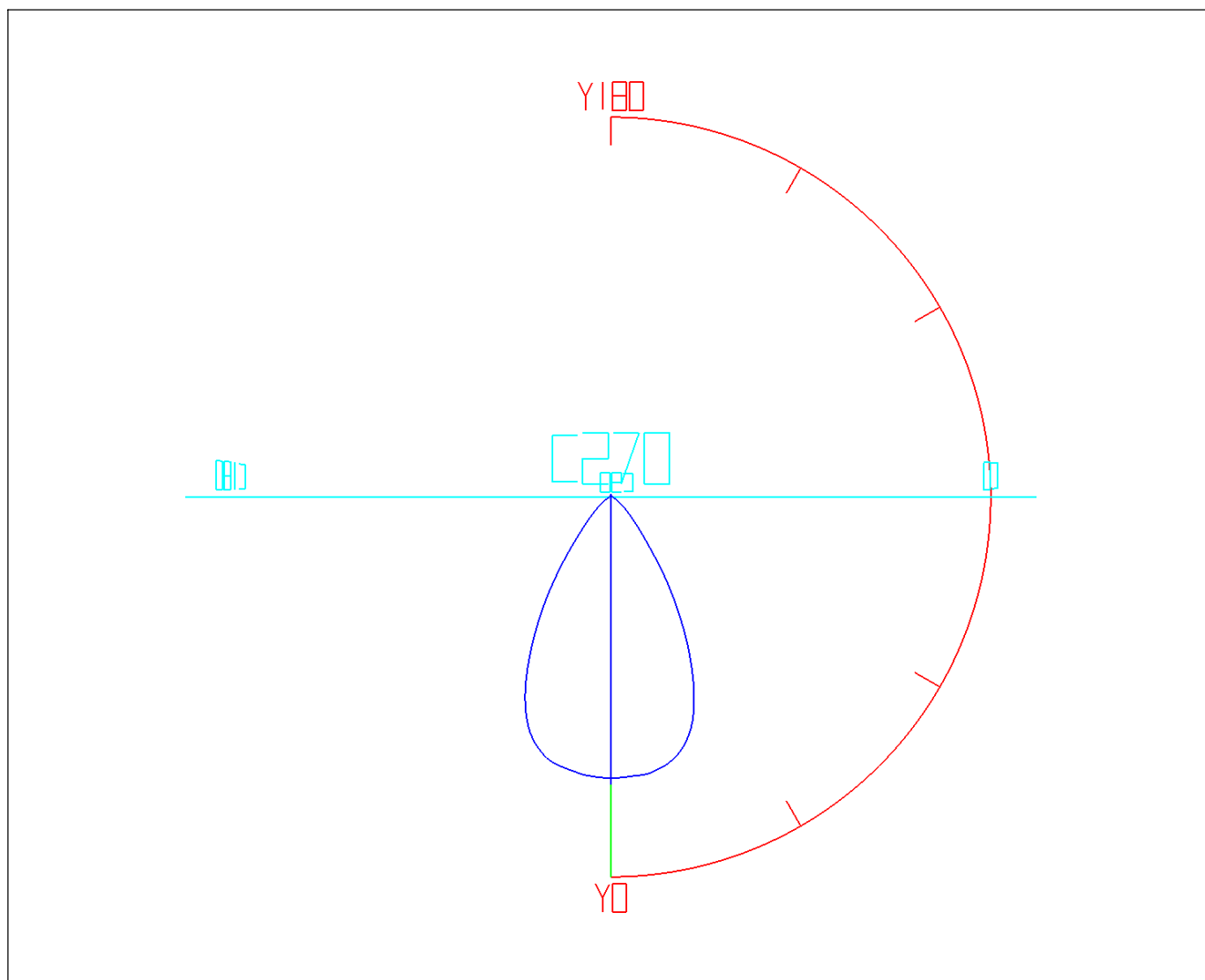
# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 60D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: MD10-06-XX-01 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: 2019/11/16

## 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

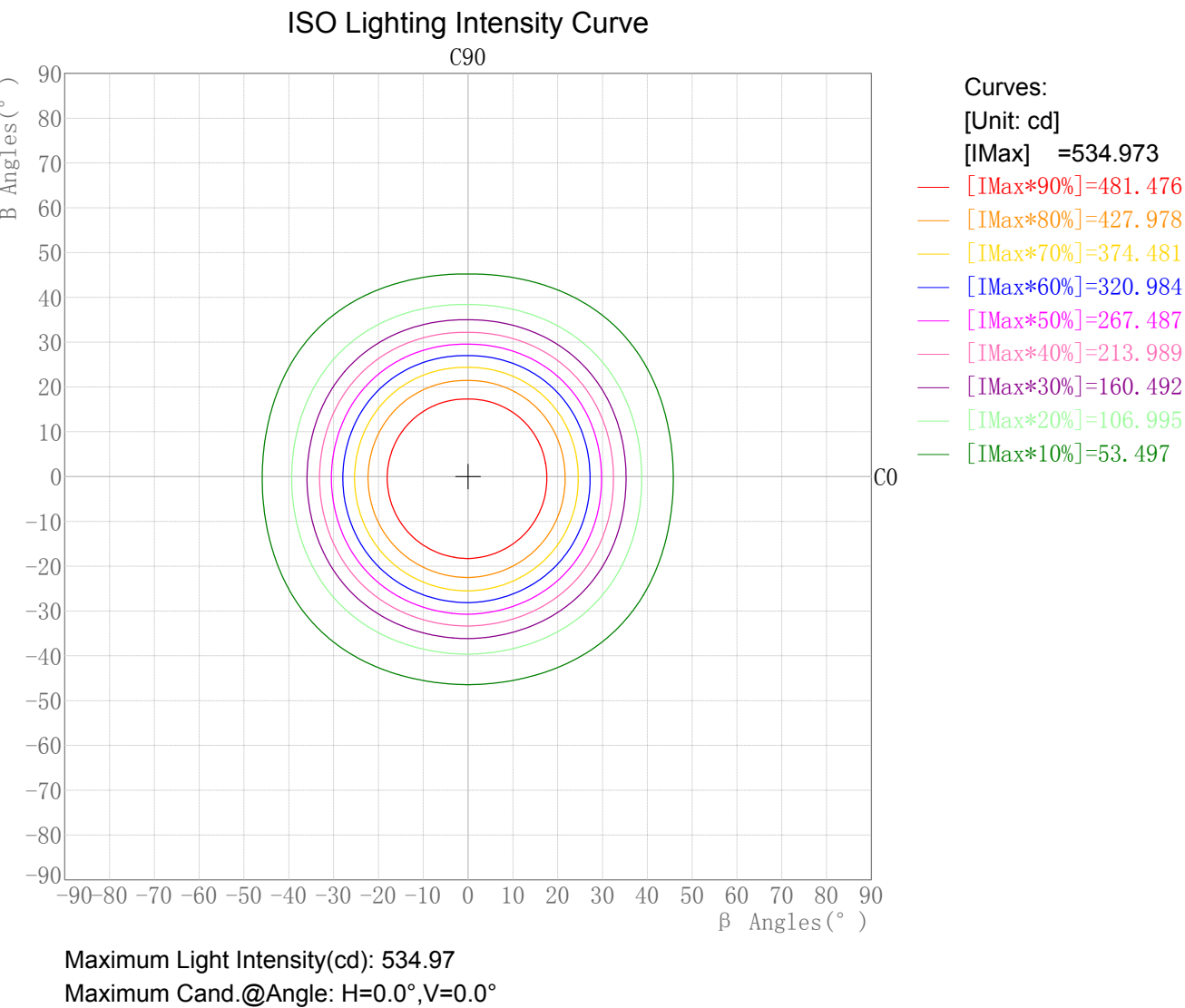
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.51	0.51	0.05	0.05	47.0-48.0	3.71	506.93	0.37	50.69
1.0-2.0	1.53	2.04	0.15	0.20	48.0-49.0	3.43	510.36	0.34	51.04
2.0-3.0	2.55	4.60	0.26	0.46	49.0-50.0	3.18	513.54	0.32	51.35
3.0-4.0	3.57	8.16	0.36	0.82	50.0-51.0	2.94	516.48	0.29	51.65
4.0-5.0	4.58	12.74	0.46	1.27	51.0-52.0	2.73	519.21	0.27	51.92
5.0-6.0	5.58	18.32	0.56	1.83	52.0-53.0	2.53	521.74	0.25	52.17
6.0-7.0	6.58	24.90	0.66	2.49	53.0-54.0	2.34	524.08	0.23	52.41
7.0-8.0	7.56	32.46	0.76	3.25	54.0-55.0	2.17	526.25	0.22	52.63
8.0-9.0	8.53	41.00	0.85	4.10	55.0-56.0	2.01	528.27	0.20	52.83
9.0-10.0	9.49	50.49	0.95	5.05	56.0-57.0	1.86	530.13	0.19	53.01
10.0-11.0	10.43	60.92	1.04	6.09	57.0-58.0	1.73	531.86	0.17	53.19
11.0-12.0	11.35	72.27	1.14	7.23	58.0-59.0	1.60	533.46	0.16	53.35
12.0-13.0	12.24	84.51	1.22	8.45	59.0-60.0	1.48	534.94	0.15	53.49
13.0-14.0	13.10	97.61	1.31	9.76	60.0-61.0	1.37	536.31	0.14	53.63
14.0-15.0	13.90	111.51	1.39	11.15	61.0-62.0	1.27	537.58	0.13	53.76
15.0-16.0	14.65	126.16	1.46	12.62	62.0-63.0	1.17	538.76	0.12	53.88
16.0-17.0	15.34	141.50	1.53	14.15	63.0-64.0	1.09	539.84	0.11	53.98
17.0-18.0	15.96	157.47	1.60	15.75	64.0-65.0	1.00	540.84	0.10	54.08
18.0-19.0	16.51	173.97	1.65	17.40	65.0-66.0	0.93	541.77	0.09	54.18
19.0-20.0	16.96	190.93	1.70	19.09	66.0-67.0	0.86	542.63	0.09	54.26
20.0-21.0	17.29	208.22	1.73	20.82	67.0-68.0	0.80	543.43	0.08	54.34
21.0-22.0	17.50	225.72	1.75	22.57	68.0-69.0	0.73	544.16	0.07	54.42
22.0-23.0	17.59	243.31	1.76	24.33	69.0-70.0	0.68	544.84	0.07	54.48
23.0-24.0	17.57	260.89	1.76	26.09	70.0-71.0	0.64	545.48	0.06	54.55
24.0-25.0	17.43	278.31	1.74	27.83	71.0-72.0	0.60	546.08	0.06	54.61
25.0-26.0	17.15	295.47	1.72	29.55	72.0-73.0	0.57	546.65	0.06	54.67
26.0-27.0	16.79	312.25	1.68	31.23	73.0-74.0	0.54	547.19	0.05	54.72
27.0-28.0	16.33	328.58	1.63	32.86	74.0-75.0	0.51	547.70	0.05	54.77
28.0-29.0	15.79	344.37	1.58	34.44	75.0-76.0	0.48	548.18	0.05	54.82
29.0-30.0	15.16	359.53	1.52	35.95	76.0-77.0	0.46	548.64	0.05	54.86
30.0-31.0	14.46	373.99	1.45	37.40	77.0-78.0	0.44	549.08	0.04	54.91
31.0-32.0	13.72	387.72	1.37	38.77	78.0-79.0	0.42	549.51	0.04	54.95
32.0-33.0	12.94	400.66	1.29	40.07	79.0-80.0	0.41	549.92	0.04	54.99
33.0-34.0	12.11	412.76	1.21	41.28	80.0-81.0	0.40	550.31	0.04	55.03
34.0-35.0	11.23	423.99	1.12	42.40	81.0-82.0	0.38	550.70	0.04	55.07
35.0-36.0	10.32	434.31	1.03	43.43	82.0-83.0	0.37	551.07	0.04	55.11
36.0-37.0	9.42	443.73	0.94	44.37	83.0-84.0	0.36	551.43	0.04	55.14
37.0-38.0	8.57	452.30	0.86	45.23	84.0-85.0	0.35	551.78	0.03	55.18
38.0-39.0	7.80	460.10	0.78	46.01	85.0-86.0	0.34	552.11	0.03	55.21
39.0-40.0	7.11	467.21	0.71	46.72	86.0-87.0	0.32	552.44	0.03	55.24
40.0-41.0	6.49	473.70	0.65	47.37	87.0-88.0	0.31	552.75	0.03	55.27
41.0-42.0	5.96	479.66	0.60	47.97	88.0-89.0	0.30	553.05	0.03	55.30
42.0-43.0	5.49	485.15	0.55	48.52	89.0-90.0	0.29	553.34	0.03	55.33
43.0-44.0	5.06	490.21	0.51	49.02	90.0-91.0	0.28	553.62	0.03	55.36
44.0-45.0	4.68	494.89	0.47	49.49	91.0-92.0	0.28	553.90	0.03	55.39
45.0-46.0	4.33	499.22	0.43	49.92	92.0-93.0	0.27	554.17	0.03	55.42
46.0-47.0	4.01	503.22	0.40	50.32	93.0-94.0	0.27	554.44	0.03	55.44

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	0.26	554.70	0.03	55.47	141.0-142.0	0.21	564.72	0.02	56.47
95.0-96.0	0.26	554.95	0.03	55.50	142.0-143.0	0.21	564.93	0.02	56.49
96.0-97.0	0.25	555.20	0.03	55.52	143.0-144.0	0.21	565.14	0.02	56.51
97.0-98.0	0.25	555.45	0.02	55.55	144.0-145.0	0.21	565.35	0.02	56.54
98.0-99.0	0.24	555.69	0.02	55.57	145.0-146.0	0.21	565.56	0.02	56.56
99.0-100.0	0.24	555.93	0.02	55.59	146.0-147.0	0.21	565.77	0.02	56.58
100.0-101.0	0.23	556.16	0.02	55.62	147.0-148.0	0.21	565.98	0.02	56.60
101.0-102.0	0.23	556.39	0.02	55.64	148.0-149.0	0.20	566.18	0.02	56.62
102.0-103.0	0.22	556.61	0.02	55.66	149.0-150.0	0.20	566.38	0.02	56.64
103.0-104.0	0.22	556.84	0.02	55.68	150.0-151.0	0.20	566.58	0.02	56.66
104.0-105.0	0.22	557.05	0.02	55.71	151.0-152.0	0.19	566.77	0.02	56.68
105.0-106.0	0.21	557.27	0.02	55.73	152.0-153.0	0.19	566.96	0.02	56.70
106.0-107.0	0.21	557.48	0.02	55.75	153.0-154.0	0.19	567.15	0.02	56.71
107.0-108.0	0.21	557.69	0.02	55.77	154.0-155.0	0.18	567.33	0.02	56.73
108.0-109.0	0.21	557.90	0.02	55.79	155.0-156.0	0.18	567.51	0.02	56.75
109.0-110.0	0.21	558.10	0.02	55.81	156.0-157.0	0.17	567.68	0.02	56.77
110.0-111.0	0.20	558.31	0.02	55.83	157.0-158.0	0.17	567.85	0.02	56.78
111.0-112.0	0.20	558.51	0.02	55.85	158.0-159.0	0.16	568.01	0.02	56.80
112.0-113.0	0.20	558.71	0.02	55.87	159.0-160.0	0.16	568.17	0.02	56.82
113.0-114.0	0.20	558.91	0.02	55.89	160.0-161.0	0.15	568.32	0.02	56.83
114.0-115.0	0.20	559.11	0.02	55.91	161.0-162.0	0.15	568.47	0.01	56.85
115.0-116.0	0.20	559.31	0.02	55.93	162.0-163.0	0.14	568.60	0.01	56.86
116.0-117.0	0.20	559.51	0.02	55.95	163.0-164.0	0.13	568.74	0.01	56.87
117.0-118.0	0.20	559.71	0.02	55.97	164.0-165.0	0.13	568.86	0.01	56.89
118.0-119.0	0.20	559.91	0.02	55.99	165.0-166.0	0.12	568.98	0.01	56.90
119.0-120.0	0.20	560.11	0.02	56.01	166.0-167.0	0.11	569.10	0.01	56.91
120.0-121.0	0.20	560.31	0.02	56.03	167.0-168.0	0.10	569.20	0.01	56.92
121.0-122.0	0.20	560.51	0.02	56.05	168.0-169.0	0.10	569.30	0.01	56.93
122.0-123.0	0.20	560.71	0.02	56.07	169.0-170.0	0.09	569.39	0.01	56.94
123.0-124.0	0.20	560.91	0.02	56.09	170.0-171.0	0.08	569.47	0.01	56.95
124.0-125.0	0.20	561.12	0.02	56.11	171.0-172.0	0.07	569.54	0.01	56.95
125.0-126.0	0.20	561.32	0.02	56.13	172.0-173.0	0.07	569.61	0.01	56.96
126.0-127.0	0.21	561.53	0.02	56.15	173.0-174.0	0.06	569.67	0.01	56.97
127.0-128.0	0.21	561.73	0.02	56.17	174.0-175.0	0.05	569.72	0.00	56.97
128.0-129.0	0.21	561.94	0.02	56.19	175.0-176.0	0.04	569.76	0.00	56.98
129.0-130.0	0.21	562.15	0.02	56.22	176.0-177.0	0.03	569.79	0.00	56.98
130.0-131.0	0.21	562.36	0.02	56.24	177.0-178.0	0.02	569.81	0.00	56.98
131.0-132.0	0.21	562.57	0.02	56.26	178.0-179.0	0.01	569.82	0.00	56.98
132.0-133.0	0.21	562.79	0.02	56.28	179.0-180.0	0.00	569.83	0.00	56.98
133.0-134.0	0.21	563.00	0.02	56.30					
134.0-135.0	0.21	563.21	0.02	56.32					
135.0-136.0	0.21	563.43	0.02	56.34					
136.0-137.0	0.21	563.64	0.02	56.36					
137.0-138.0	0.22	563.86	0.02	56.39					
138.0-139.0	0.22	564.07	0.02	56.41					
139.0-140.0	0.22	564.29	0.02	56.43					
140.0-141.0	0.21	564.50	0.02	56.45					

Rectangle ISO Lighting Intensity Diagram

Lum. Name:MD10-06-XX-01 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: 2019/11/16



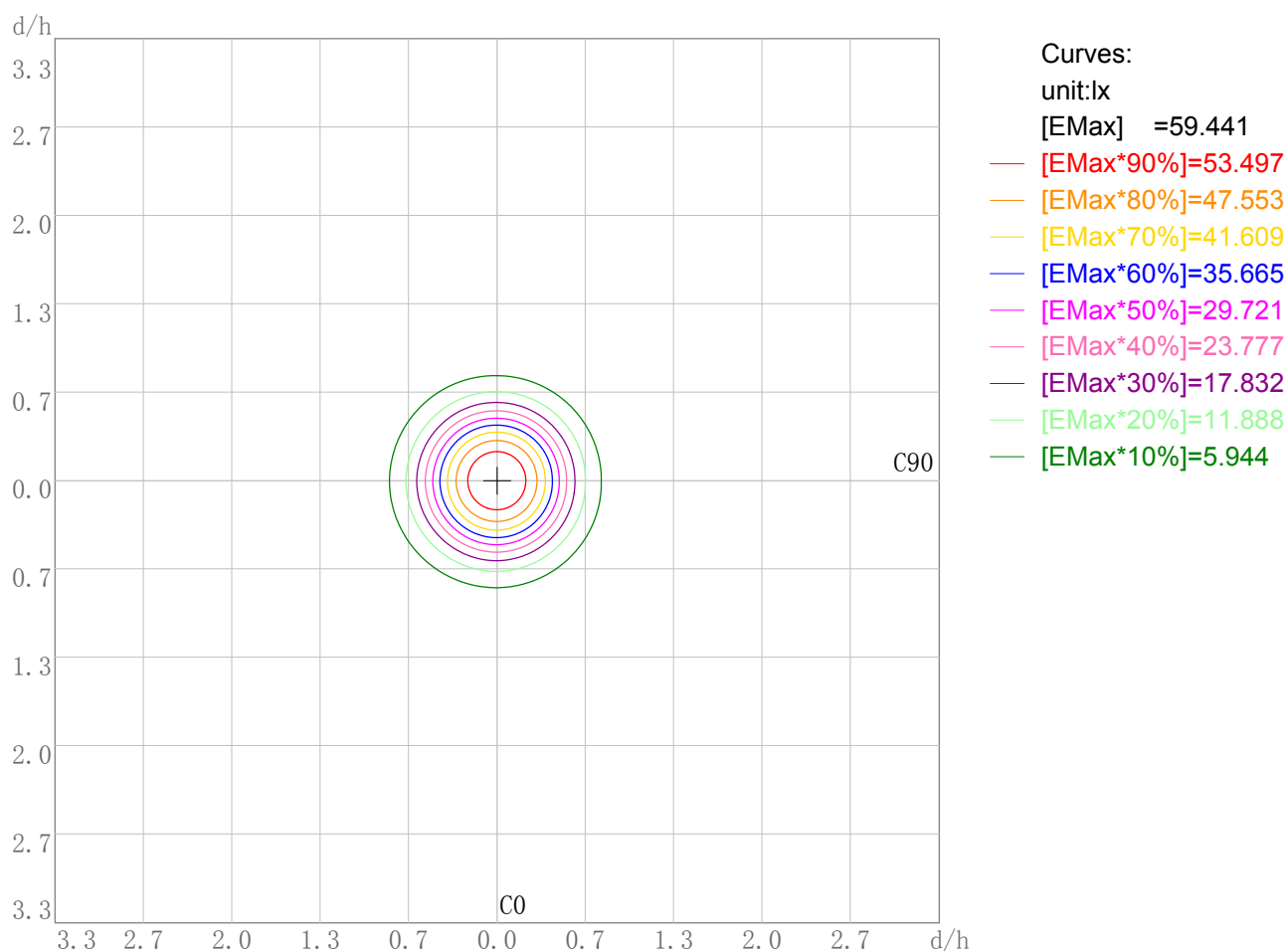
# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 60D.IES

## Plane ISO-Illuminance Diagram

Lum. Name: MD10-06-XX-01 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: 2019/11/16

## Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 59.44

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

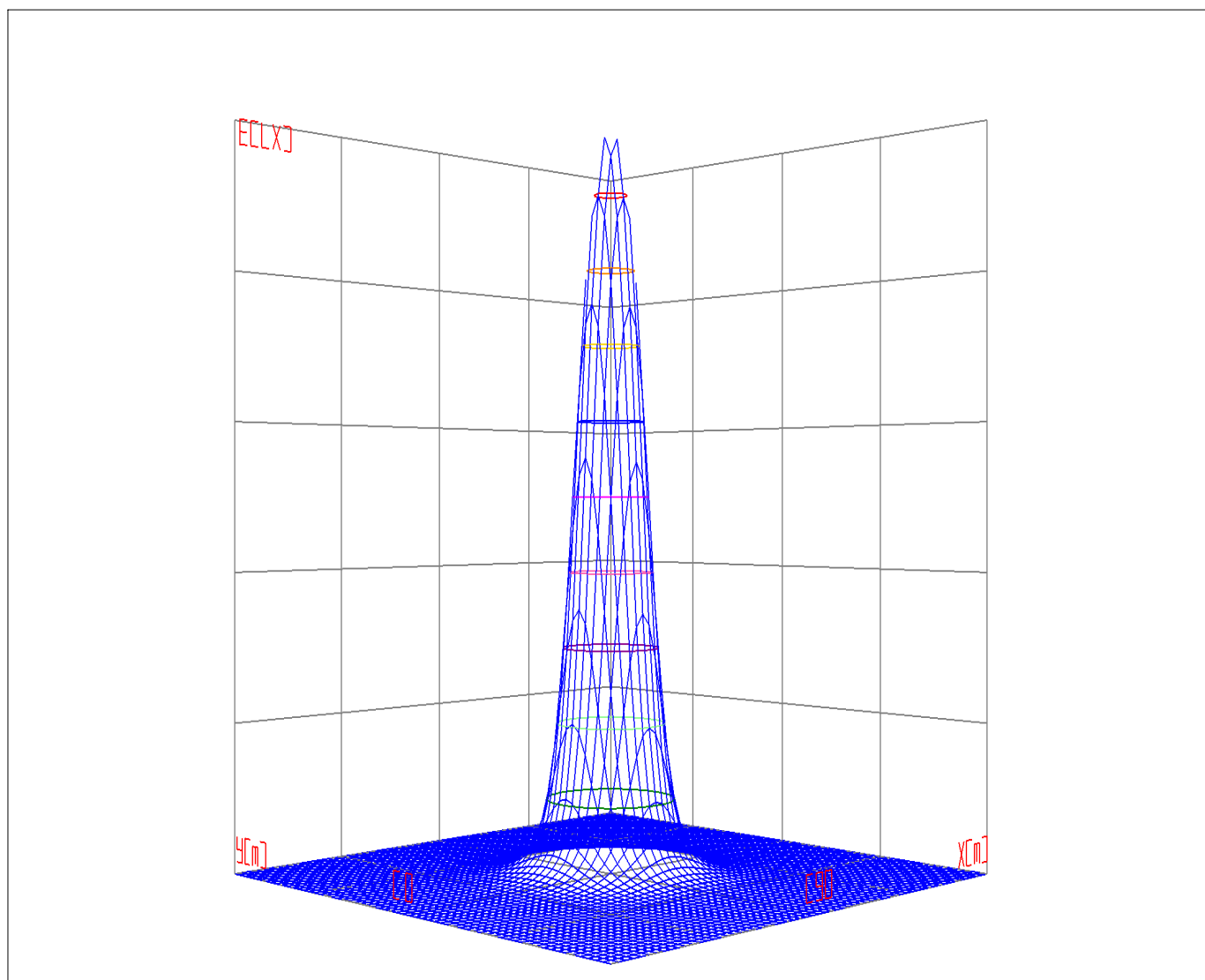
# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 60D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: MD10-06-XX-01 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: 2019/11/16

## 3D Plane Illuminance Modal



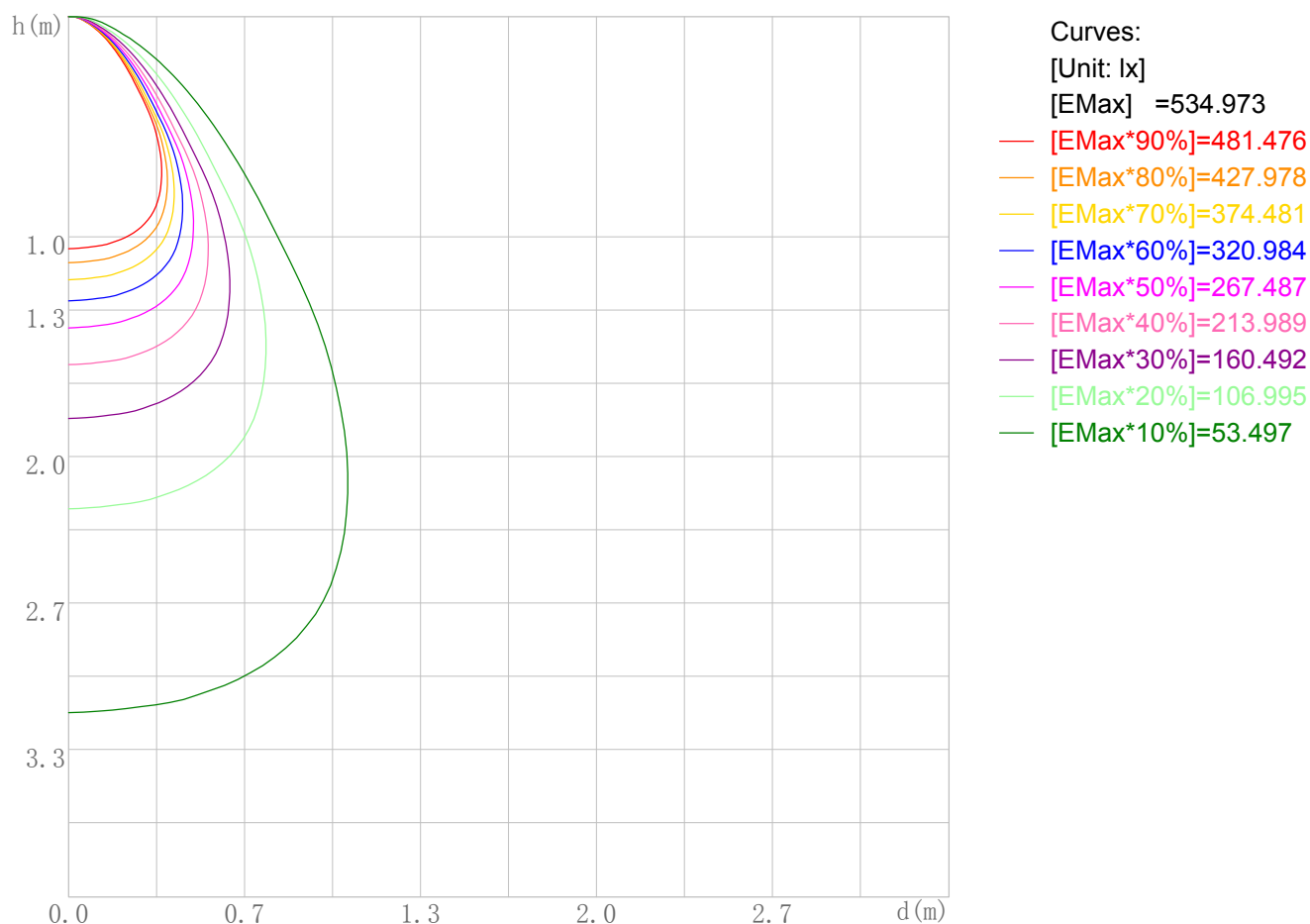
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



## Space ISO Illuminance Diagram

Lum. Name: MD10-06-XX-01 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: 2019/11/16

## Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:534.97lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:534.973cd,0deg

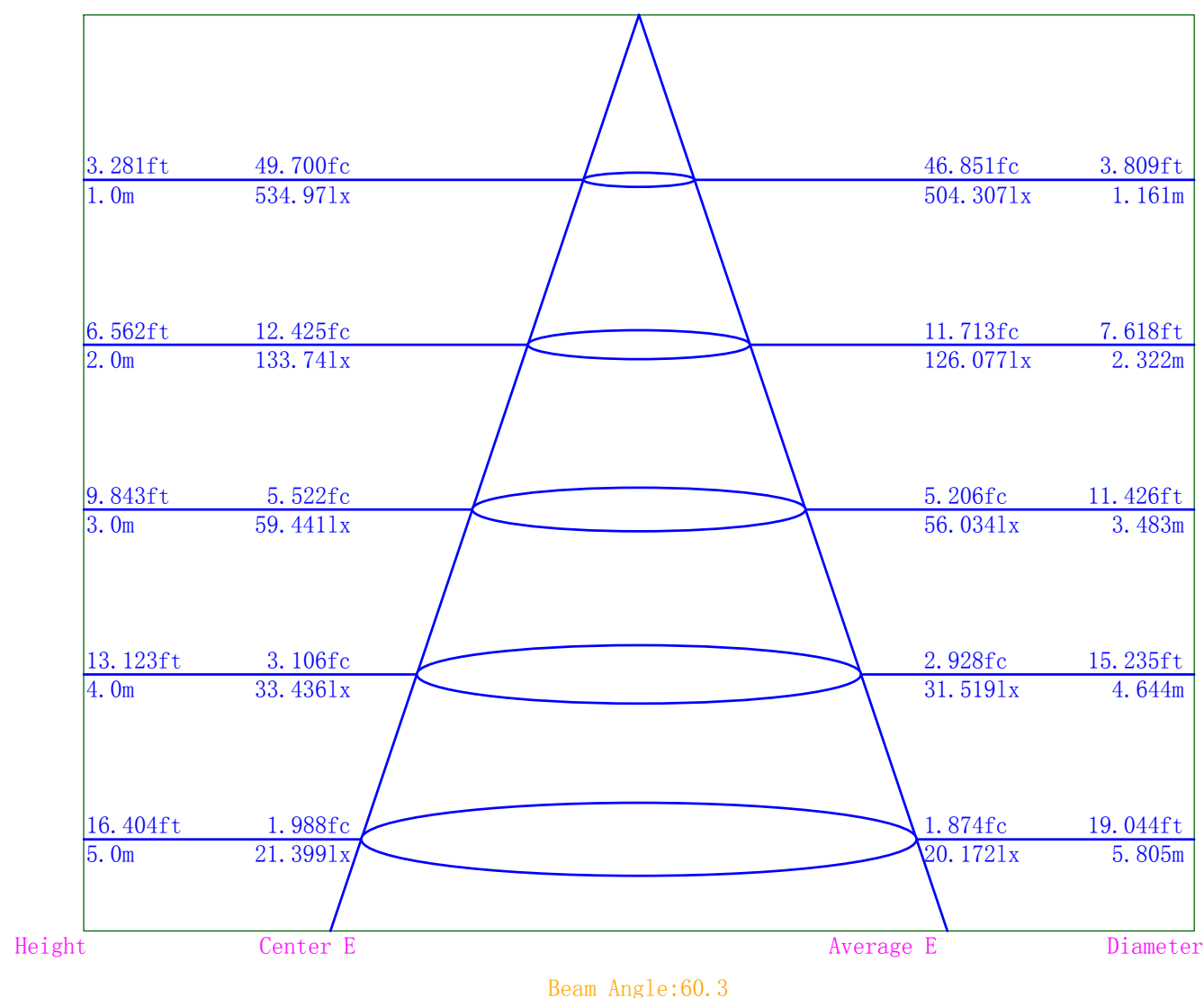
# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 60D.IES

## Illuminance-Distance Diagram

Lum. Name: MD10-06-XX-01 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: 2019/11/16

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 60D.IES

## Indoor Luminance Limiting Curves

Lum. Name: MD10-06-XX-01 4000K RA90 60D	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: 2019/11/16

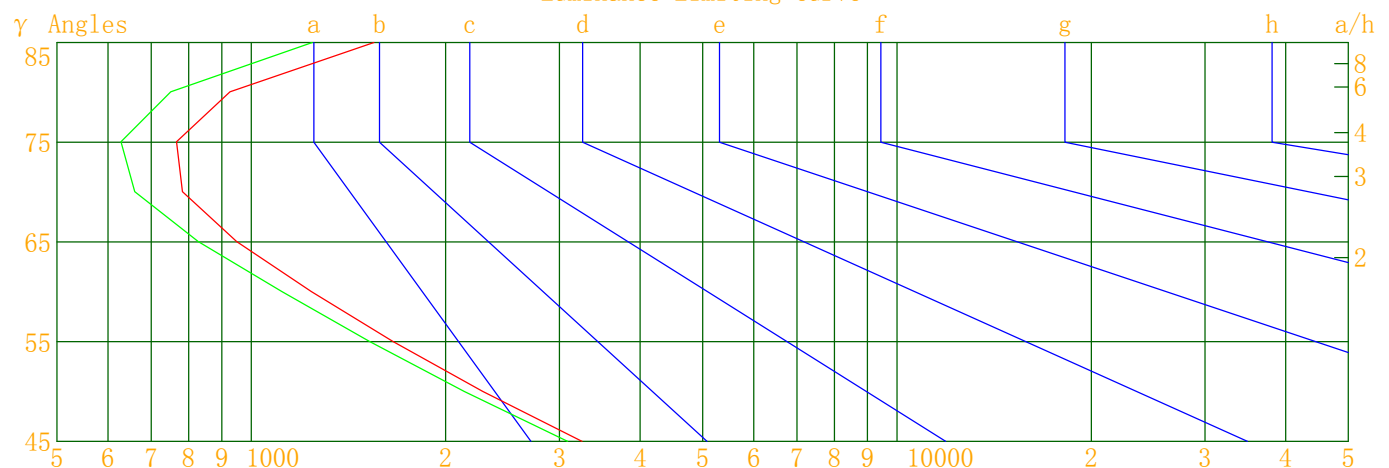
Glare Grade Table

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	3252	2283	1657	1238	949	782	766	927	1548
C90	3089	2136	1525	1115	828	660	628	750	1243

Luminance Limiting Curve



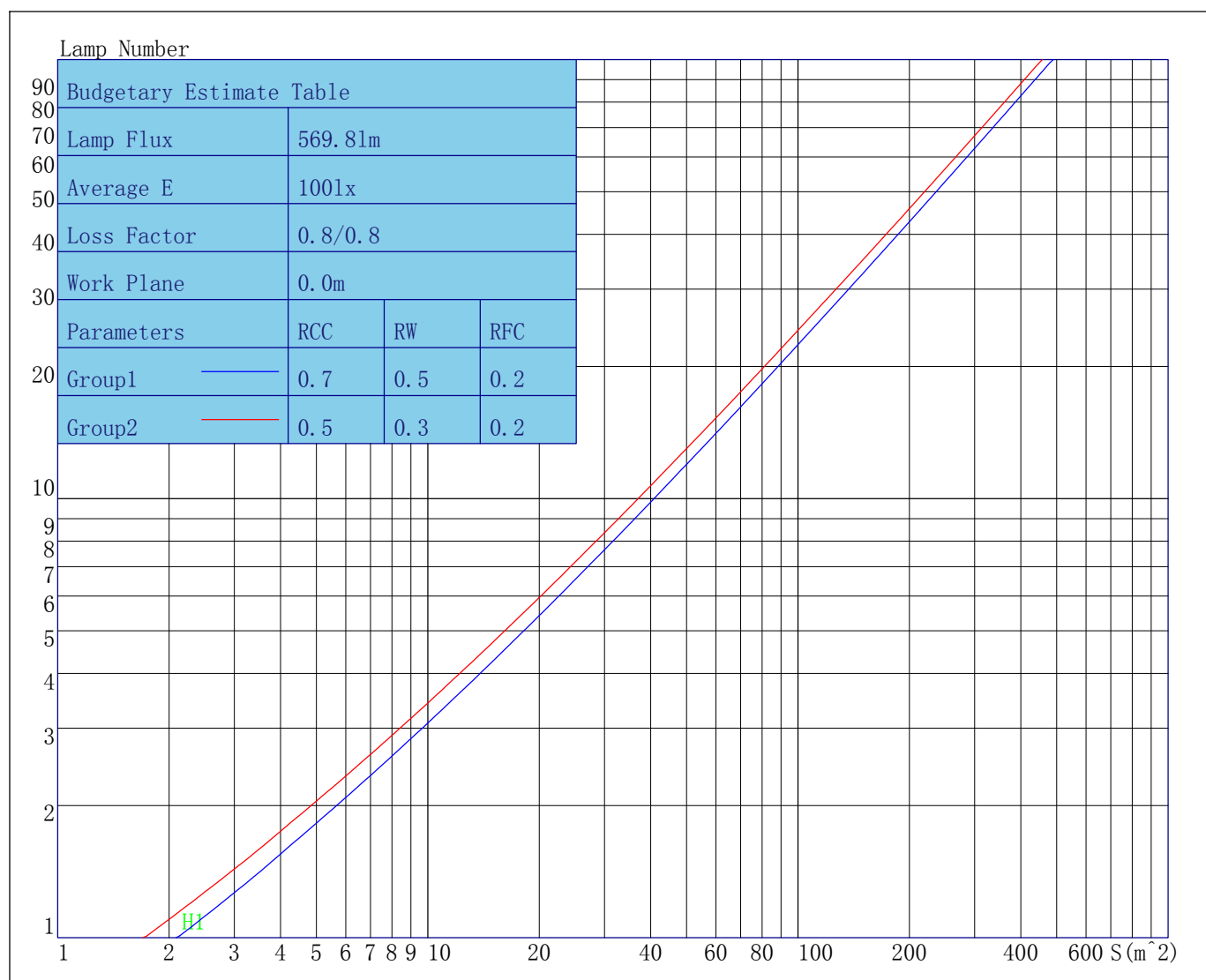
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.450 Area(m^2)=0.025000  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 60D.IES

## Indoor Budgetary Estimate Table

Lum. Name: MD10-06-XX-01 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: 2019/11/16



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

Lum. Name: MD10-06-XX-01 4000K RA90 60D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: QQualty peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/16

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	67	67	67	67	66	66	66	66	62	62	62	59	59	59	57	57	57	55
1	64	62	60	59	62	61	59	58	58	57	56	56	55	54	53	53	52	51
2	60	57	55	52	59	56	54	52	54	52	50	52	50	49	50	49	48	47
3	57	53	50	47	55	52	49	47	50	48	46	48	46	45	47	45	44	43
4	54	49	45	43	52	48	45	42	47	44	42	45	43	41	44	42	40	39
5	51	45	42	39	50	45	41	39	44	41	38	42	40	38	41	39	37	37
6	48	42	39	36	47	42	38	36	41	38	36	40	37	35	39	37	35	34
7	45	40	36	33	44	39	36	33	38	35	33	37	35	33	37	34	32	32
8	43	37	34	31	42	37	33	31	36	33	31	35	33	30	35	32	30	29
9	41	35	31	29	40	35	31	29	34	31	29	33	31	29	33	30	28	28
10	39	33	30	27	38	33	29	27	32	29	27	32	29	27	31	28	27	26

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 various lighting metrics and room configurations. Includes sections for Room Size variations and UGR Table details.

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	534.97	534.97	534.97	534.97
γ 1.0	534.52	533.81	534.70	534.28
γ 2.0	533.68	533.21	533.46	533.93
γ 3.0	533.32	532.07	532.96	533.58
γ 4.0	532.51	531.56	532.14	532.24
γ 5.0	531.86	531.28	531.21	532.01
γ 6.0	531.94	531.00	530.02	530.78
γ 7.0	531.38	529.58	527.69	528.22
γ 8.0	530.24	528.59	525.67	526.27
γ 9.0	527.40	525.99	523.70	524.46
γ 10.0	524.59	523.08	521.94	522.42
γ 11.0	522.07	519.87	519.95	521.19
γ 12.0	518.53	516.19	517.34	519.08
γ 13.0	513.97	512.22	514.22	515.46
γ 14.0	509.00	506.79	510.14	511.15
γ 15.0	502.79	499.92	504.06	506.27
γ 16.0	495.50	492.88	497.66	500.00
γ 17.0	487.22	484.45	490.56	492.53
γ 18.0	477.05	474.84	481.96	484.18
γ 19.0	466.45	463.35	472.57	475.02
γ 20.0	453.53	450.17	460.91	463.88
γ 21.0	438.96	435.53	448.16	450.45
γ 22.0	422.08	418.82	432.95	436.31
γ 23.0	404.82	400.75	417.39	420.51
γ 24.0	385.98	381.94	400.26	403.64
γ 25.0	365.91	361.82	381.22	384.79
γ 26.0	345.89	341.49	361.00	364.68
γ 27.0	325.42	321.02	340.36	344.59
γ 28.0	305.02	300.23	319.95	323.76
γ 29.0	283.68	279.02	299.03	303.24
γ 30.0	262.52	257.92	277.90	282.30
γ 31.0	241.90	237.42	257.13	261.64
γ 32.0	222.21	217.46	236.95	241.14
γ 33.0	203.11	198.31	216.91	220.93
γ 34.0	184.02	179.29	196.80	201.07
γ 35.0	164.98	160.51	177.62	181.55
γ 36.0	146.76	142.27	159.30	163.16
γ 37.0	129.94	125.79	142.03	146.01
γ 38.0	115.66	111.65	126.20	129.93
γ 39.0	103.78	100.01	111.69	115.38
γ 40.0	93.67	90.09	98.64	102.06
γ 41.0	84.81	81.42	87.71	90.93
γ 42.0	76.91	73.59	78.89	81.96
γ 43.0	69.74	66.58	71.10	74.04
γ 44.0	63.27	60.29	64.35	67.21
γ 45.0	57.49	54.60	58.44	61.10
γ 46.0	52.43	49.63	53.12	55.67

# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 60D.IES

---

## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	47.84	45.23	48.22	50.75
γ 48.0	43.77	41.20	43.76	46.12
γ 49.0	40.05	37.62	39.77	42.05
γ 50.0	36.69	34.33	36.11	38.30
γ 51.0	33.55	31.34	32.86	34.97
γ 52.0	30.78	28.64	29.95	31.99
γ 53.0	28.24	26.17	27.36	29.32
γ 54.0	25.90	23.90	24.97	26.84
γ 55.0	23.77	21.86	22.77	24.59
γ 56.0	21.82	20.02	20.80	22.53
γ 57.0	20.03	18.30	18.99	20.66
γ 58.0	18.35	16.66	17.37	18.98
γ 59.0	16.89	15.26	15.91	17.45
γ 60.0	15.48	13.94	14.55	16.04
γ 61.0	14.23	12.73	13.32	14.75
γ 62.0	13.06	11.61	12.18	13.55
γ 63.0	11.95	10.56	11.17	12.50
γ 64.0	10.95	9.63	10.22	11.50
γ 65.0	10.03	8.75	9.34	10.57
γ 66.0	9.29	8.06	8.55	9.73
γ 67.0	8.65	7.45	7.83	8.98
γ 68.0	7.74	6.60	7.27	8.39
γ 69.0	7.13	6.05	6.68	7.72
γ 70.0	6.69	5.64	6.03	7.05
γ 71.0	6.31	5.29	5.65	6.61
γ 72.0	5.93	4.95	5.32	6.26
γ 73.0	5.57	4.61	5.00	5.93
γ 74.0	5.22	4.32	4.70	5.59
γ 75.0	4.96	4.07	4.39	5.26
γ 76.0	4.72	3.86	4.12	4.95
γ 77.0	4.51	3.68	3.92	4.72
γ 78.0	4.34	3.53	3.73	4.51
γ 79.0	4.17	3.40	3.59	4.35
γ 80.0	4.02	3.26	3.46	4.20
γ 81.0	3.88	3.15	3.34	4.06
γ 82.0	3.74	3.04	3.22	3.92
γ 83.0	3.62	2.92	3.12	3.79
γ 84.0	3.49	2.81	3.02	3.66
γ 85.0	3.37	2.71	2.91	3.55
γ 86.0	3.24	2.61	2.82	3.42
γ 87.0	3.09	2.46	2.71	3.30
γ 88.0	2.98	2.37	2.58	3.16
γ 89.0	2.89	2.31	2.48	3.06
γ 90.0	2.83	2.25	2.41	2.98
γ 91.0	2.77	2.20	2.37	2.91
γ 92.0	2.70	2.15	2.32	2.85
γ 93.0	2.64	2.11	2.28	2.80



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.59	2.07	2.24	2.73
γ 95.0	2.54	2.04	2.20	2.68
γ 96.0	2.49	2.00	2.16	2.63
γ 97.0	2.44	1.97	2.13	2.58
γ 98.0	2.40	1.93	2.10	2.54
γ 99.0	2.36	1.90	2.07	2.49
γ 100.0	2.32	1.88	2.03	2.46
γ 101.0	2.29	1.84	2.01	2.42
γ 102.0	2.25	1.82	2.00	2.38
γ 103.0	2.23	1.80	1.97	2.36
γ 104.0	2.20	1.79	1.95	2.33
γ 105.0	2.17	1.77	1.93	2.30
γ 106.0	2.14	1.76	1.93	2.27
γ 107.0	2.14	1.76	1.91	2.26
γ 108.0	2.11	1.74	1.90	2.24
γ 109.0	2.10	1.74	1.90	2.22
γ 110.0	2.09	1.75	1.90	2.21
γ 111.0	2.09	1.75	1.91	2.21
γ 112.0	2.09	1.75	1.89	2.20
γ 113.0	2.08	1.76	1.90	2.20
γ 114.0	2.09	1.77	1.93	2.20
γ 115.0	2.09	1.79	1.93	2.21
γ 116.0	2.11	1.80	1.95	2.22
γ 117.0	2.12	1.83	1.97	2.23
γ 118.0	2.14	1.85	1.99	2.24
γ 119.0	2.16	1.88	2.02	2.26
γ 120.0	2.19	1.91	2.04	2.28
γ 121.0	2.20	1.94	2.08	2.31
γ 122.0	2.23	1.98	2.11	2.34
γ 123.0	2.26	2.01	2.14	2.36
γ 124.0	2.30	2.05	2.18	2.39
γ 125.0	2.34	2.09	2.22	2.42
γ 126.0	2.38	2.14	2.27	2.47
γ 127.0	2.41	2.18	2.31	2.51
γ 128.0	2.46	2.23	2.36	2.55
γ 129.0	2.51	2.28	2.41	2.59
γ 130.0	2.55	2.34	2.46	2.64
γ 131.0	2.60	2.39	2.51	2.69
γ 132.0	2.65	2.44	2.57	2.74
γ 133.0	2.71	2.51	2.63	2.79
γ 134.0	2.76	2.56	2.68	2.84
γ 135.0	2.81	2.62	2.74	2.89
γ 136.0	2.86	2.67	2.80	2.94
γ 137.0	2.92	2.73	2.86	3.00
γ 138.0	2.97	2.79	2.91	3.05
γ 139.0	3.03	2.85	2.98	3.11
γ 140.0	3.09	2.92	3.03	3.16

# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 60D.IES

---

## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.15	2.98	3.09	3.22
γ 142.0	3.20	3.04	3.16	3.28
γ 143.0	3.25	3.09	3.21	3.33
γ 144.0	3.31	3.16	3.28	3.40
γ 145.0	3.37	3.22	3.34	3.44
γ 146.0	3.43	3.28	3.40	3.51
γ 147.0	3.49	3.34	3.45	3.56
γ 148.0	3.54	3.39	3.52	3.62
γ 149.0	3.60	3.45	3.58	3.67
γ 150.0	3.65	3.51	3.63	3.72
γ 151.0	3.70	3.57	3.69	3.79
γ 152.0	3.76	3.62	3.74	3.83
γ 153.0	3.80	3.67	3.80	3.88
γ 154.0	3.85	3.72	3.85	3.92
γ 155.0	3.89	3.77	3.90	3.97
γ 156.0	3.95	3.83	3.94	4.01
γ 157.0	3.99	3.87	3.99	4.06
γ 158.0	4.03	3.91	4.04	4.10
γ 159.0	4.08	3.96	4.08	4.15
γ 160.0	4.12	4.00	4.12	4.19
γ 161.0	4.17	4.05	4.18	4.23
γ 162.0	4.21	4.10	4.22	4.28
γ 163.0	4.25	4.15	4.25	4.31
γ 164.0	4.29	4.18	4.30	4.34
γ 165.0	4.34	4.22	4.35	4.40
γ 166.0	4.37	4.27	4.39	4.43
γ 167.0	4.42	4.31	4.42	4.47
γ 168.0	4.45	4.34	4.46	4.51
γ 169.0	4.50	4.39	4.51	4.54
γ 170.0	4.53	4.42	4.53	4.58
γ 171.0	4.56	4.46	4.56	4.60
γ 172.0	4.59	4.49	4.61	4.64
γ 173.0	4.63	4.53	4.63	4.66
γ 174.0	4.65	4.55	4.66	4.69
γ 175.0	4.68	4.58	4.68	4.71
γ 176.0	4.70	4.60	4.70	4.73
γ 177.0	4.72	4.62	4.72	4.74
γ 178.0	4.74	4.64	4.73	4.76
γ 179.0	4.74	4.66	4.75	4.77
γ 180.0	4.74	4.74	4.74	4.74