

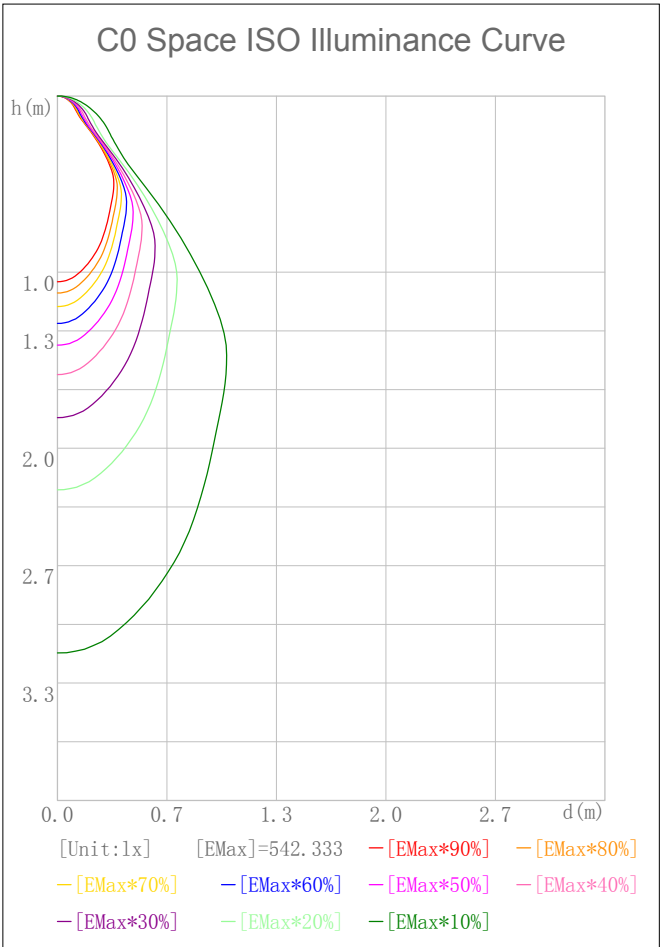
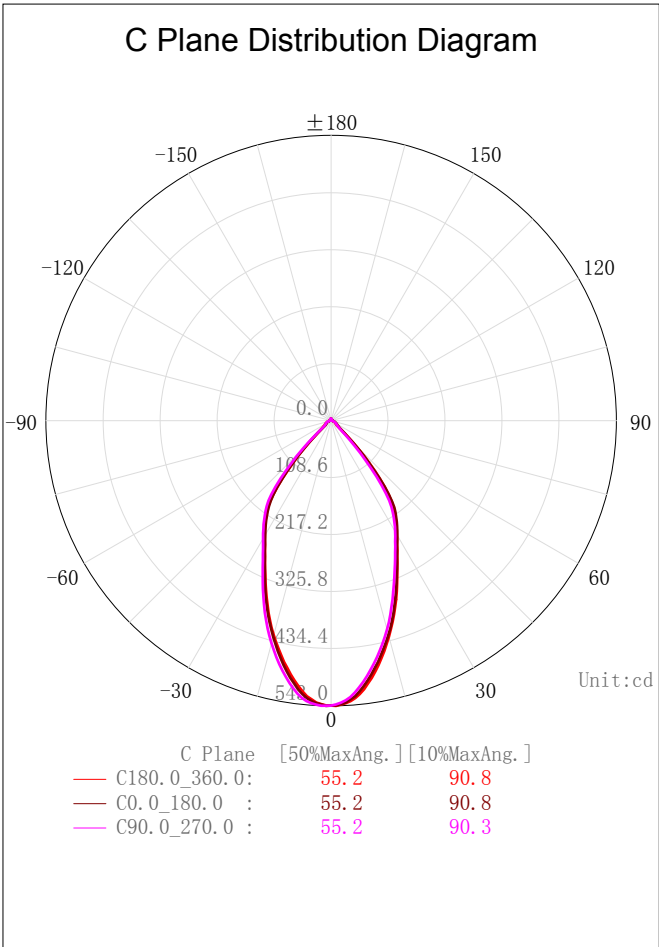
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-06-XX-02 3000K RA90 60D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/12/02
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

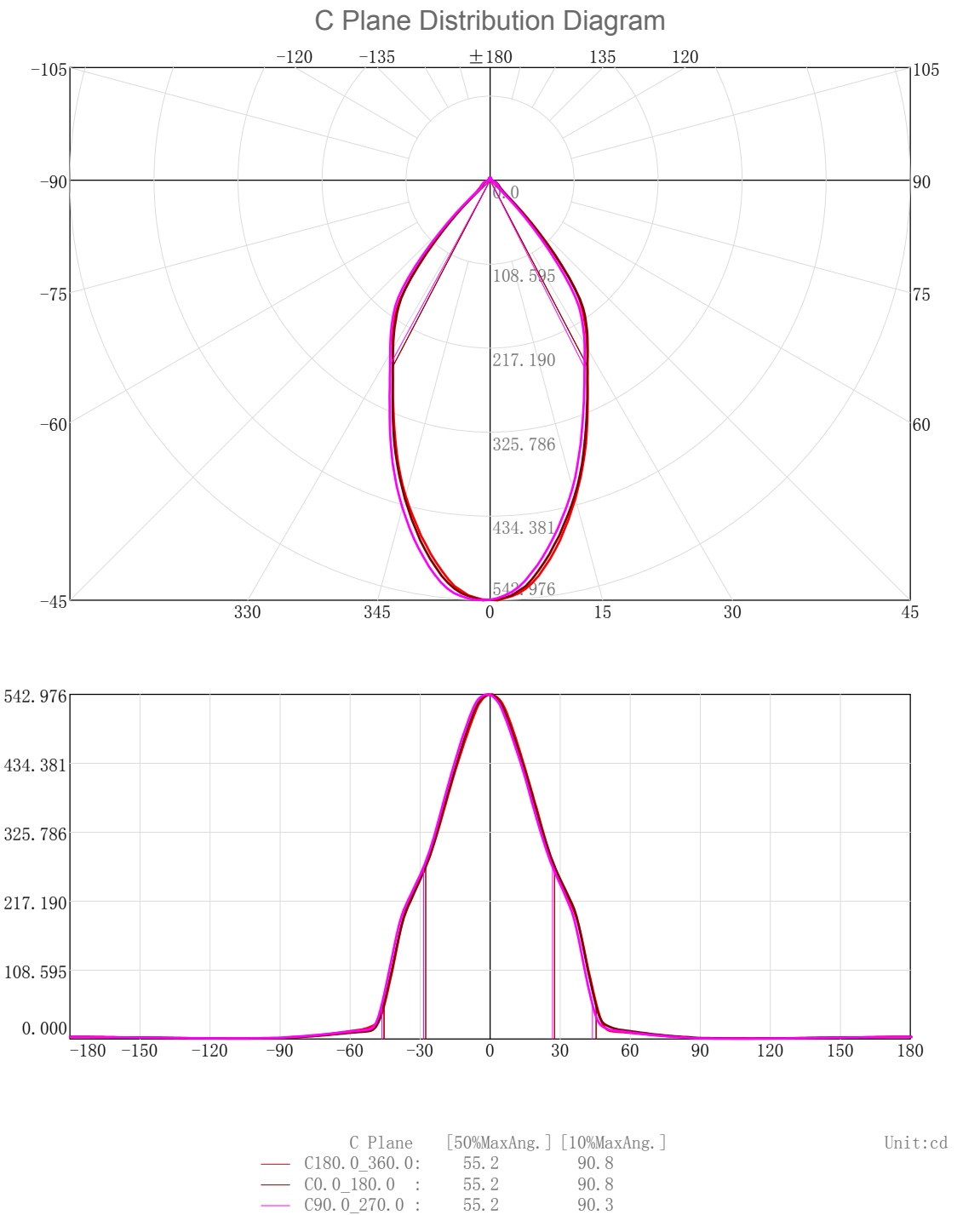
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 522.770	Luminary Flux(lm): 522.765	Field Angle(10%Imax): 90.8(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 512.707lm 98.08%	
Rated Voltage(V):	Luminary EER(lm/W): 95.031	Up Lumens&Percent: 10.059lm 1.92%	
Tested Power(W): 5.501	Max. Candela(cd): 542.976	S/MH: C0_a180=0.795 C90_270=0.794	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.2, 0.026, 0.868	Beam Angle(50%Imax): 55.2(°)	ErP ϕ use(90°): 465.394lm	
Lamp Size (W*L*H):0.050m*0.050m*0.450m	Left=-27.6°, Right=27.6°	IRF(%): 233.303	



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-06-XX-02 3000K 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: 2019/12/02



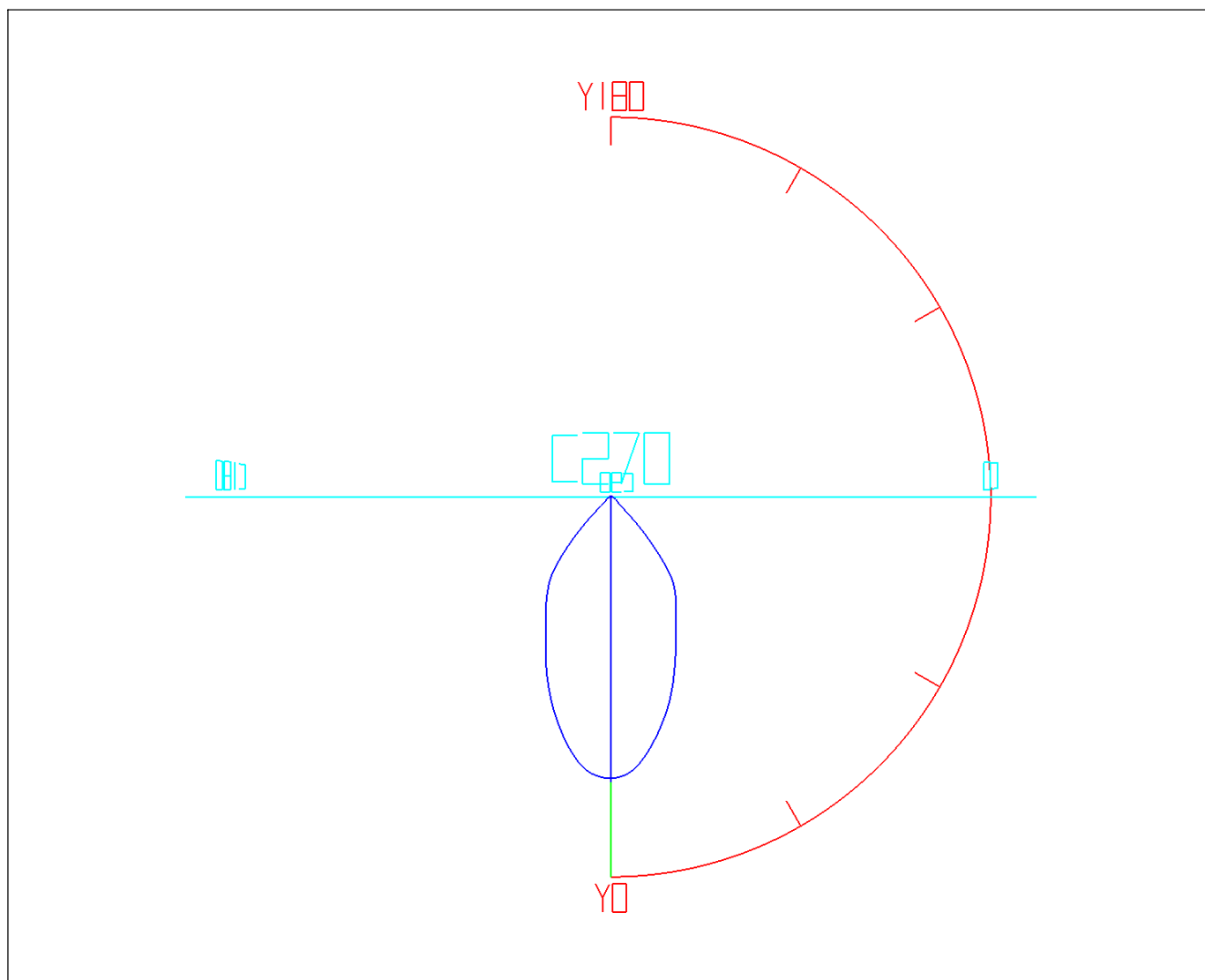
# IES Indoor Report

Photometric Filename:MD10-06-XX-02 3000K RA90 60D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: MD10-06-XX-02 3000K 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: 2019/12/02

## 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

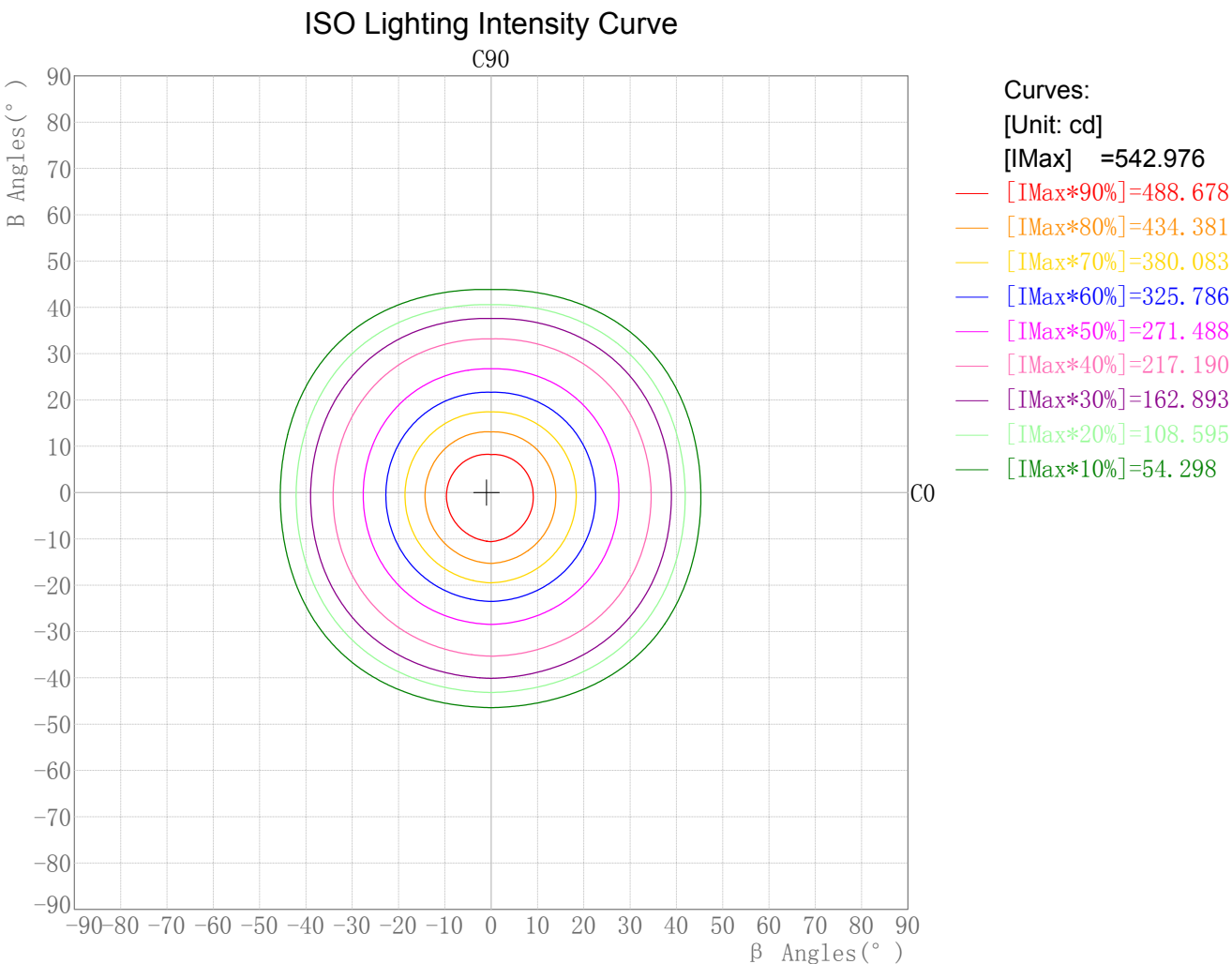
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.52	0.52	0.10	0.10	47.0-48.0	2.48	479.18	0.47	91.66
1.0-2.0	1.55	2.07	0.30	0.40	48.0-49.0	1.97	481.15	0.38	92.04
2.0-3.0	2.58	4.65	0.49	0.89	49.0-50.0	1.65	482.80	0.31	92.35
3.0-4.0	3.58	8.23	0.69	1.57	50.0-51.0	1.44	484.24	0.28	92.63
4.0-5.0	4.56	12.80	0.87	2.45	51.0-52.0	1.33	485.57	0.25	92.88
5.0-6.0	5.51	18.31	1.05	3.50	52.0-53.0	1.27	486.84	0.24	93.13
6.0-7.0	6.41	24.72	1.23	4.73	53.0-54.0	1.23	488.08	0.24	93.36
7.0-8.0	7.26	31.98	1.39	6.12	54.0-55.0	1.20	489.28	0.23	93.59
8.0-9.0	8.07	40.05	1.54	7.66	55.0-56.0	1.18	490.46	0.23	93.82
9.0-10.0	8.82	48.86	1.69	9.35	56.0-57.0	1.16	491.61	0.22	94.04
10.0-11.0	9.52	58.39	1.82	11.17	57.0-58.0	1.13	492.75	0.22	94.26
11.0-12.0	10.17	68.56	1.95	13.12	58.0-59.0	1.11	493.86	0.21	94.47
12.0-13.0	10.77	79.34	2.06	15.18	59.0-60.0	1.08	494.94	0.21	94.68
13.0-14.0	11.32	90.66	2.17	17.34	60.0-61.0	1.05	496.00	0.20	94.88
14.0-15.0	11.81	102.47	2.26	19.60	61.0-62.0	1.02	497.02	0.20	95.07
15.0-16.0	12.25	114.73	2.34	21.95	62.0-63.0	0.99	498.01	0.19	95.26
16.0-17.0	12.63	127.36	2.42	24.36	63.0-64.0	0.96	498.97	0.18	95.45
17.0-18.0	12.95	140.30	2.48	26.84	64.0-65.0	0.92	499.89	0.18	95.62
18.0-19.0	13.21	153.51	2.53	29.37	65.0-66.0	0.89	500.78	0.17	95.79
19.0-20.0	13.41	166.93	2.57	31.93	66.0-67.0	0.85	501.63	0.16	95.96
20.0-21.0	13.57	180.49	2.59	34.53	67.0-68.0	0.82	502.45	0.16	96.11
21.0-22.0	13.67	194.17	2.62	37.14	68.0-69.0	0.78	503.24	0.15	96.26
22.0-23.0	13.74	207.91	2.63	39.77	69.0-70.0	0.75	503.99	0.14	96.41
23.0-24.0	13.78	221.69	2.64	42.41	70.0-71.0	0.72	504.70	0.14	96.54
24.0-25.0	13.80	235.50	2.64	45.05	71.0-72.0	0.69	505.39	0.13	96.68
25.0-26.0	13.81	249.30	2.64	47.69	72.0-73.0	0.65	506.04	0.12	96.80
26.0-27.0	13.80	263.10	2.64	50.33	73.0-74.0	0.62	506.66	0.12	96.92
27.0-28.0	13.80	276.90	2.64	52.97	74.0-75.0	0.59	507.25	0.11	97.03
28.0-29.0	13.79	290.69	2.64	55.61	75.0-76.0	0.56	507.81	0.11	97.14
29.0-30.0	13.79	304.48	2.64	58.24	76.0-77.0	0.53	508.33	0.10	97.24
30.0-31.0	13.77	318.25	2.63	60.88	77.0-78.0	0.50	508.83	0.09	97.33
31.0-32.0	13.73	331.98	2.63	63.50	78.0-79.0	0.47	509.30	0.09	97.42
32.0-33.0	13.65	345.62	2.61	66.11	79.0-80.0	0.44	509.74	0.08	97.51
33.0-34.0	13.52	359.15	2.59	68.70	80.0-81.0	0.41	510.15	0.08	97.59
34.0-35.0	13.36	372.51	2.56	71.26	81.0-82.0	0.39	510.54	0.07	97.66
35.0-36.0	13.13	385.64	2.51	73.77	82.0-83.0	0.36	510.90	0.07	97.73
36.0-37.0	12.77	398.41	2.44	76.21	83.0-84.0	0.34	511.23	0.06	97.79
37.0-38.0	12.23	410.64	2.34	78.55	84.0-85.0	0.31	511.55	0.06	97.85
38.0-39.0	11.50	422.14	2.20	80.75	85.0-86.0	0.29	511.83	0.05	97.91
39.0-40.0	10.59	432.73	2.03	82.78	86.0-87.0	0.26	512.09	0.05	97.96
40.0-41.0	9.56	442.29	1.83	84.60	87.0-88.0	0.23	512.32	0.04	98.00
41.0-42.0	8.46	450.74	1.62	86.22	88.0-89.0	0.20	512.52	0.04	98.04
42.0-43.0	7.34	458.08	1.40	87.63	89.0-90.0	0.19	512.71	0.04	98.08
43.0-44.0	6.22	464.30	1.19	88.81	90.0-91.0	0.18	512.88	0.03	98.11
44.0-45.0	5.12	469.41	0.98	89.79	91.0-92.0	0.17	513.05	0.03	98.14
45.0-46.0	4.09	473.50	0.78	90.58	92.0-93.0	0.16	513.22	0.03	98.17
46.0-47.0	3.19	476.70	0.61	91.19	93.0-94.0	0.16	513.37	0.03	98.20

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	0.15	513.53	0.03	98.23	141.0-142.0	0.14	519.25	0.03	99.33
95.0-96.0	0.15	513.67	0.03	98.26	142.0-143.0	0.14	519.39	0.03	99.35
96.0-97.0	0.14	513.82	0.03	98.29	143.0-144.0	0.14	519.53	0.03	99.38
97.0-98.0	0.14	513.95	0.03	98.31	144.0-145.0	0.14	519.67	0.03	99.41
98.0-99.0	0.13	514.09	0.03	98.34	145.0-146.0	0.14	519.81	0.03	99.43
99.0-100.0	0.13	514.22	0.02	98.36	146.0-147.0	0.14	519.95	0.03	99.46
100.0-101.0	0.13	514.34	0.02	98.39	147.0-148.0	0.14	520.08	0.03	99.49
101.0-102.0	0.12	514.47	0.02	98.41	148.0-149.0	0.14	520.22	0.03	99.51
102.0-103.0	0.12	514.59	0.02	98.43	149.0-150.0	0.13	520.35	0.03	99.54
103.0-104.0	0.12	514.70	0.02	98.46	150.0-151.0	0.13	520.49	0.03	99.56
104.0-105.0	0.11	514.82	0.02	98.48	151.0-152.0	0.13	520.62	0.03	99.59
105.0-106.0	0.11	514.93	0.02	98.50	152.0-153.0	0.13	520.75	0.02	99.61
106.0-107.0	0.11	515.04	0.02	98.52	153.0-154.0	0.13	520.87	0.02	99.64
107.0-108.0	0.11	515.15	0.02	98.54	154.0-155.0	0.12	521.00	0.02	99.66
108.0-109.0	0.11	515.26	0.02	98.56	155.0-156.0	0.12	521.12	0.02	99.68
109.0-110.0	0.11	515.37	0.02	98.58	156.0-157.0	0.12	521.24	0.02	99.71
110.0-111.0	0.11	515.48	0.02	98.60	157.0-158.0	0.12	521.35	0.02	99.73
111.0-112.0	0.11	515.58	0.02	98.63	158.0-159.0	0.11	521.47	0.02	99.75
112.0-113.0	0.11	515.69	0.02	98.65	159.0-160.0	0.11	521.58	0.02	99.77
113.0-114.0	0.11	515.80	0.02	98.67	160.0-161.0	0.11	521.68	0.02	99.79
114.0-115.0	0.11	515.90	0.02	98.69	161.0-162.0	0.10	521.79	0.02	99.81
115.0-116.0	0.11	516.01	0.02	98.71	162.0-163.0	0.10	521.88	0.02	99.83
116.0-117.0	0.11	516.12	0.02	98.73	163.0-164.0	0.09	521.98	0.02	99.85
117.0-118.0	0.11	516.23	0.02	98.75	164.0-165.0	0.09	522.07	0.02	99.87
118.0-119.0	0.11	516.34	0.02	98.77	165.0-166.0	0.09	522.15	0.02	99.88
119.0-120.0	0.11	516.45	0.02	98.79	166.0-167.0	0.08	522.23	0.02	99.90
120.0-121.0	0.11	516.56	0.02	98.81	167.0-168.0	0.08	522.31	0.01	99.91
121.0-122.0	0.11	516.67	0.02	98.83	168.0-169.0	0.07	522.38	0.01	99.93
122.0-123.0	0.11	516.78	0.02	98.85	169.0-170.0	0.06	522.44	0.01	99.94
123.0-124.0	0.12	516.90	0.02	98.88	170.0-171.0	0.06	522.50	0.01	99.95
124.0-125.0	0.12	517.02	0.02	98.90	171.0-172.0	0.05	522.56	0.01	99.96
125.0-126.0	0.12	517.14	0.02	98.92	172.0-173.0	0.05	522.61	0.01	99.97
126.0-127.0	0.12	517.26	0.02	98.95	173.0-174.0	0.04	522.65	0.01	99.98
127.0-128.0	0.12	517.38	0.02	98.97	174.0-175.0	0.04	522.68	0.01	99.98
128.0-129.0	0.12	517.50	0.02	98.99	175.0-176.0	0.03	522.71	0.01	99.99
129.0-130.0	0.13	517.63	0.02	99.02	176.0-177.0	0.02	522.74	0.00	99.99
130.0-131.0	0.13	517.75	0.02	99.04	177.0-178.0	0.02	522.75	0.00	100.00
131.0-132.0	0.13	517.88	0.02	99.06	178.0-179.0	0.01	522.76	0.00	100.00
132.0-133.0	0.13	518.01	0.02	99.09	179.0-180.0	0.00	522.77	0.00	100.00
133.0-134.0	0.13	518.14	0.03	99.12					
134.0-135.0	0.13	518.28	0.03	99.14					
135.0-136.0	0.14	518.41	0.03	99.17					
136.0-137.0	0.14	518.55	0.03	99.19					
137.0-138.0	0.14	518.69	0.03	99.22					
138.0-139.0	0.14	518.83	0.03	99.25					
139.0-140.0	0.14	518.97	0.03	99.27					
140.0-141.0	0.14	519.11	0.03	99.30					

Rectangle ISO Lighting Intensity Diagram

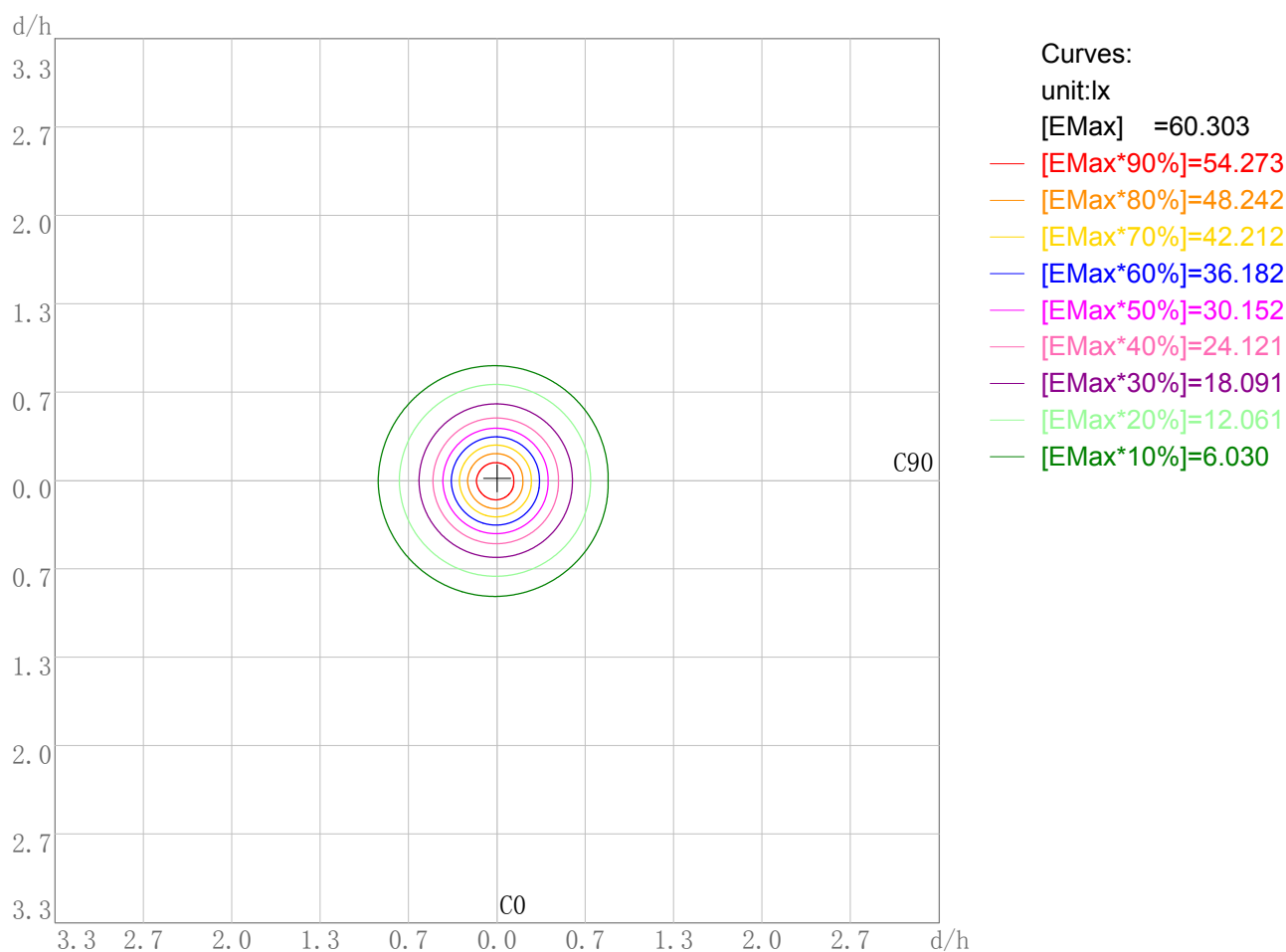
Lum. Name: MD10-06-XX-02 3000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/02



## Plane ISO-Illuminance Diagram

Lum. Name: MD10-06-XX-02 3000K 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: 2019/12/02

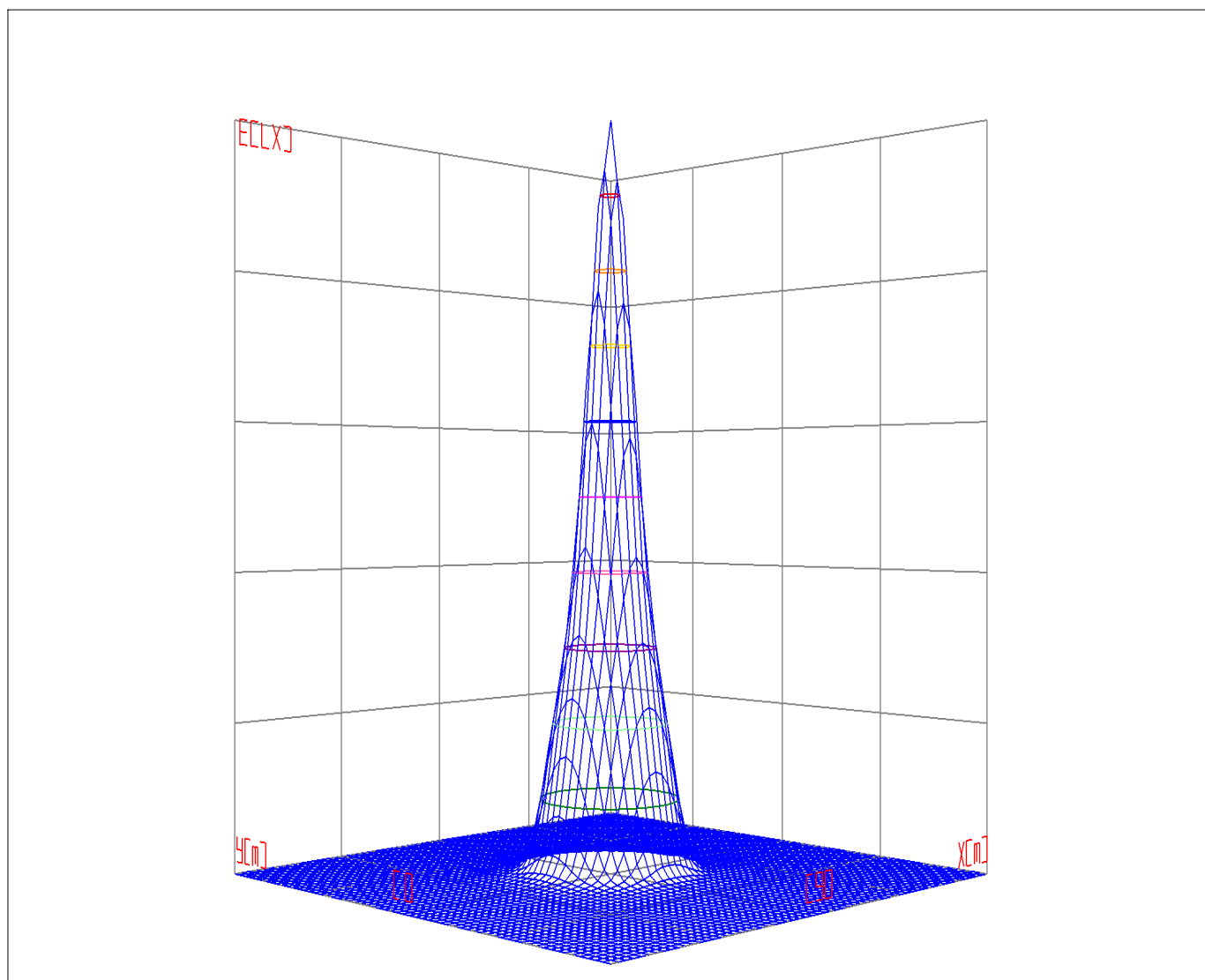
## Plane ISO-Illuminance Curve



### 3D Plane ISO Illuminance Diagram

Lum. Name: MD10-06-XX-02 3000K 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: 2019/12/02

### 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



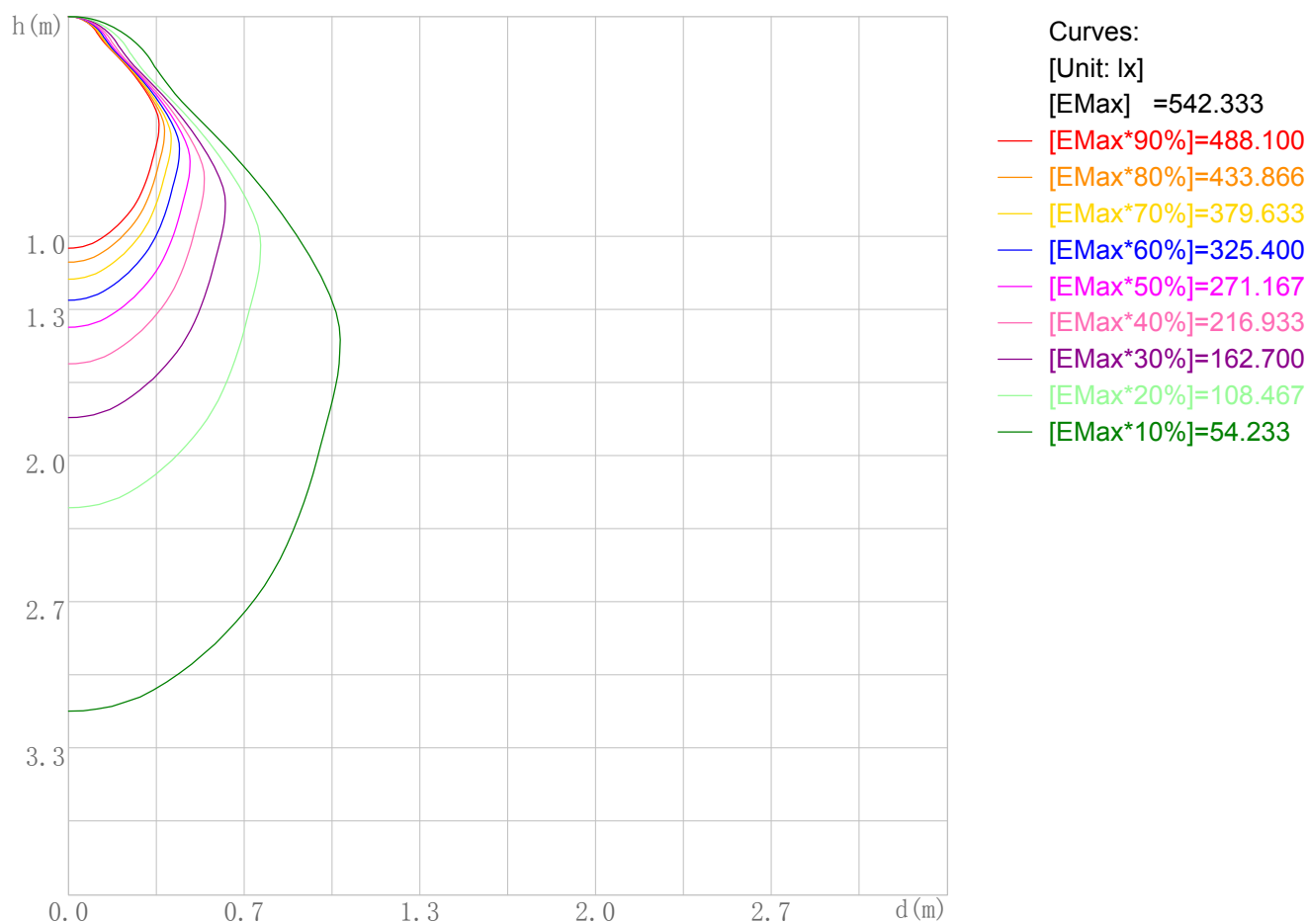
# IES Indoor Report

Photometric Filename:MD10-06-XX-02 3000K RA90 60D.IES

## Space ISO Illuminance Diagram

Lum. Name: MD10-06-XX-02 3000K 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: 2019/12/02

## Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:542.33lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:542.333cd,0deg

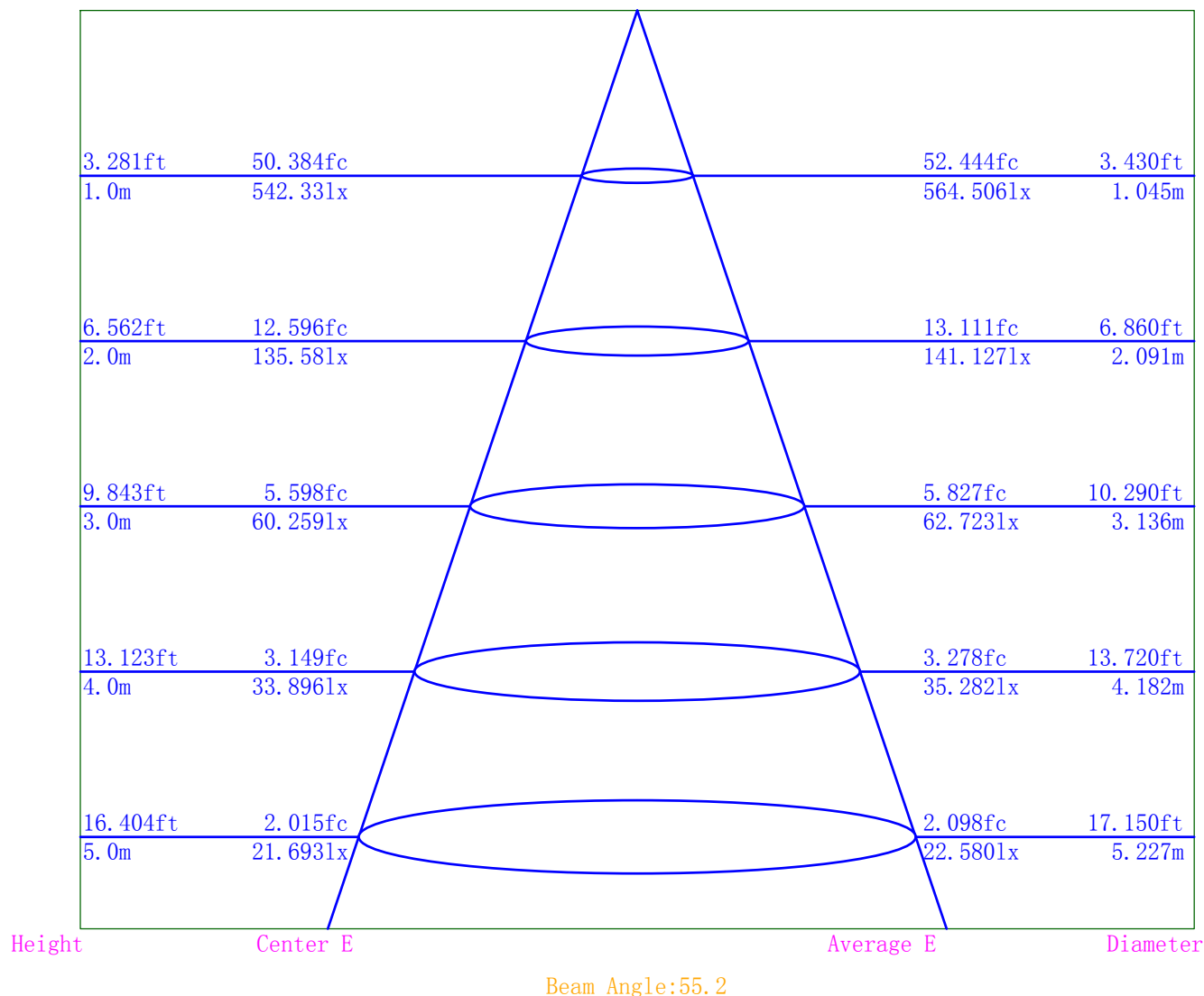
# IES Indoor Report

Photometric Filename:MD10-06-XX-02 3000K RA90 60D.IES

## Illuminance-Distance Diagram

Lum. Name: MD10-06-XX-02 3000K 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: 2019/12/02

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename:MD10-06-XX-02 3000K RA90 60D.IES

## Indoor Luminance Limiting Curves

Lum. Name: MD10-06-XX-02 3000K 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: 2019/12/02

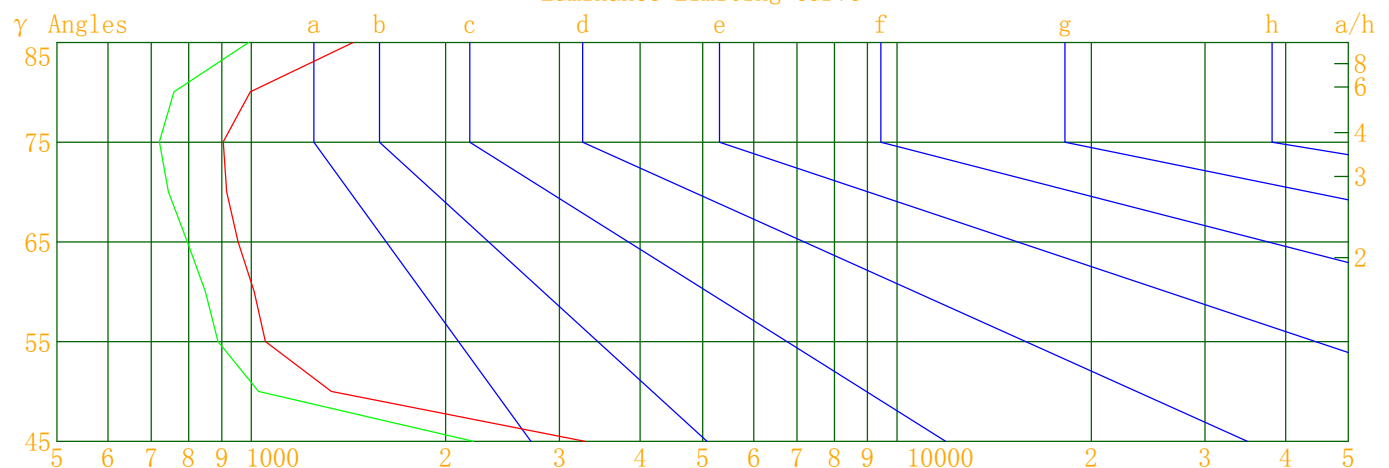
Glare Grade Table

GI	Quality	Using Illuminance							
1.15	A	2000	1000	500	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E	a				2000	1000	500	$\leq 300$
			b	c	d	e	f	g	h

Luminance Table

Gama(deg)	45	50	55	60	65	70	75	80	85
C0	3287	1331	1051	1010	954	916	905	996	1437
C90	2209	1026	888	849	796	744	721	759	990

Luminance Limiting Curve



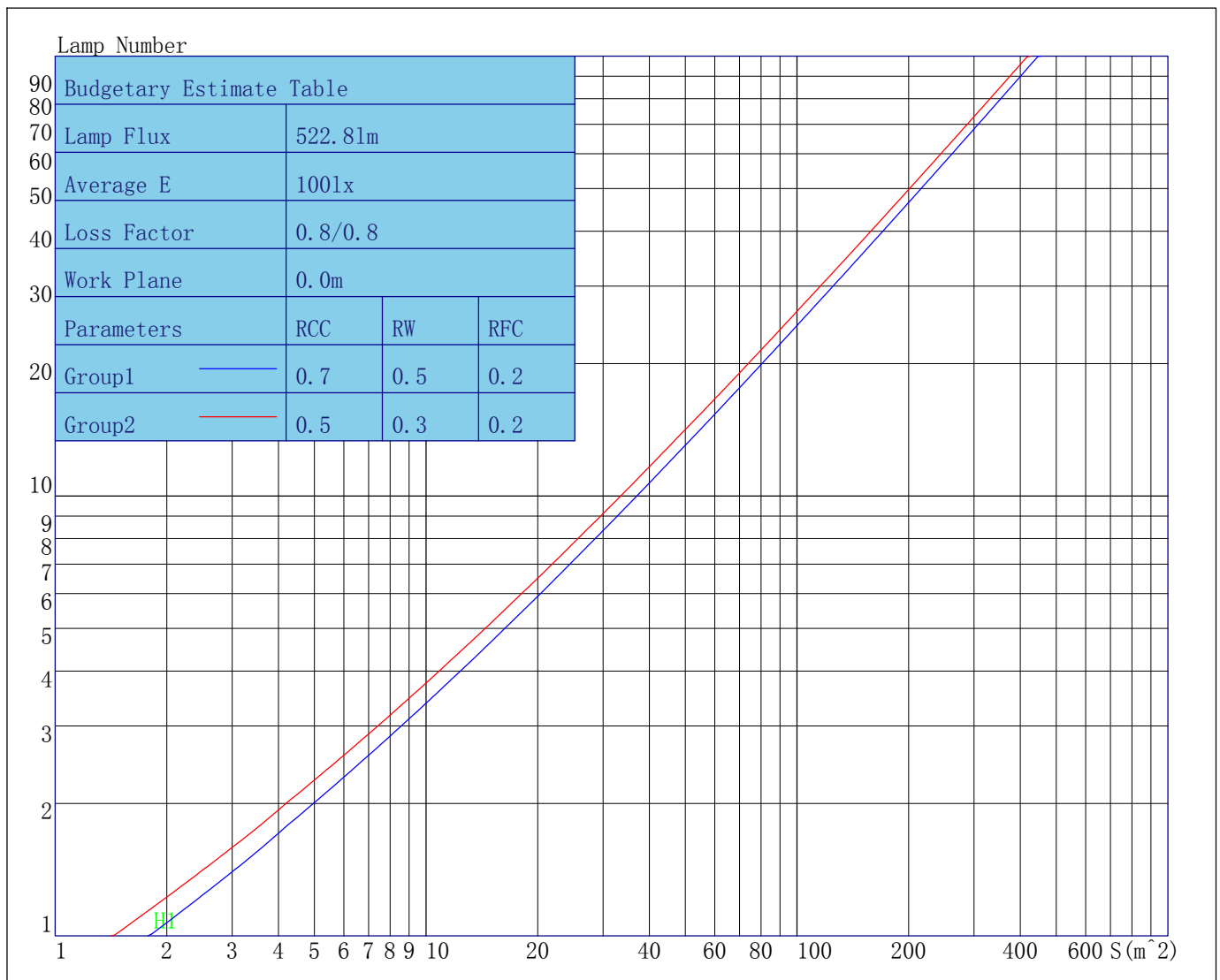
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.450 Area(m<sup>2</sup>)=0.025000  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:MD10-06-XX-02 3000K RA90 60D.IES

## Indoor Budgetary Estimate Table

Lum. Name: MD10-06-XX-02 3000K 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: 2019/12/02



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-02 3000K 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: 2019/12/02

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	104	109	107	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	89	86	88	86	84	82
3	100	93	87	83	97	91	86	82	88	84	80	85	82	79	83	80	77	75
4	94	86	80	75	92	84	79	74	82	77	73	80	75	72	77	74	71	69
5	89	80	73	68	87	78	72	68	76	71	67	74	70	66	73	69	66	64
6	84	74	68	63	82	73	67	63	71	66	62	70	65	61	68	64	61	59
7	79	69	63	58	78	68	62	58	67	61	57	65	61	57	64	60	56	55
8	75	65	58	54	74	64	58	54	63	57	53	62	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	542.33	542.33	542.33	542.33
γ 1.0	542.08	540.21	542.98	542.47
γ 2.0	539.81	536.96	540.53	542.86
γ 3.0	537.27	532.92	538.31	541.18
γ 4.0	531.74	527.21	534.91	538.91
γ 5.0	526.61	519.63	529.79	535.59
γ 6.0	518.34	510.23	523.10	530.40
γ 7.0	509.09	501.19	515.08	523.51
γ 8.0	499.28	490.97	505.18	514.70
γ 9.0	489.25	480.35	495.61	505.61
γ 10.0	478.13	469.53	484.70	494.85
γ 11.0	468.13	458.40	473.95	484.59
γ 12.0	456.14	446.74	461.51	473.70
γ 13.0	444.95	435.67	450.14	462.24
γ 14.0	433.59	423.66	437.60	449.84
γ 15.0	422.06	411.74	425.78	438.02
γ 16.0	410.16	399.05	412.99	425.64
γ 17.0	397.32	385.66	400.59	413.05
γ 18.0	384.78	372.18	387.73	399.75
γ 19.0	371.31	359.58	374.79	386.80
γ 20.0	358.08	346.03	361.99	372.96
γ 21.0	345.05	333.79	348.55	359.36
γ 22.0	332.54	321.66	335.10	345.65
γ 23.0	320.20	310.07	322.39	332.37
γ 24.0	308.56	298.96	309.96	319.15
γ 25.0	297.17	288.48	298.53	307.45
γ 26.0	286.38	278.20	287.43	295.70
γ 27.0	276.64	269.01	277.72	285.55
γ 28.0	267.74	260.07	267.61	275.45
γ 29.0	259.60	252.05	259.42	266.79
γ 30.0	252.03	243.93	250.86	258.26
γ 31.0	244.45	236.17	242.75	250.72
γ 32.0	237.24	227.42	234.71	243.00
γ 33.0	229.48	218.88	226.56	235.42
γ 34.0	221.41	210.13	218.09	227.60
γ 35.0	213.64	200.44	210.07	219.79
γ 36.0	204.72	188.16	200.80	211.71
γ 37.0	193.05	173.23	190.70	203.35
γ 38.0	178.26	155.95	177.96	193.22
γ 39.0	161.44	137.52	162.84	180.33
γ 40.0	143.09	118.83	145.90	164.74
γ 41.0	124.70	100.67	128.26	147.56
γ 42.0	106.64	83.33	110.51	129.53
γ 43.0	89.92	66.81	93.82	111.61
γ 44.0	73.26	51.92	77.50	93.92
γ 45.0	58.12	39.04	61.99	76.94
γ 46.0	44.36	29.58	47.76	60.64

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	33.79	23.58	35.24	46.12
γ 48.0	27.16	20.18	25.54	33.78
γ 49.0	23.62	18.01	19.17	24.86
γ 50.0	21.38	16.49	15.34	19.11
γ 51.0	19.64	14.76	13.30	16.34
γ 52.0	18.23	13.86	12.54	15.24
γ 53.0	16.99	13.49	12.07	14.59
γ 54.0	16.08	13.08	11.71	14.06
γ 55.0	15.07	12.73	11.42	13.64
γ 56.0	14.57	12.36	11.15	13.28
γ 57.0	14.07	11.98	10.85	12.91
γ 58.0	13.61	11.54	10.57	12.56
γ 59.0	13.11	11.07	10.26	12.22
γ 60.0	12.63	10.61	9.95	11.88
γ 61.0	12.08	10.16	9.60	11.50
γ 62.0	11.57	9.71	9.23	11.05
γ 63.0	11.08	9.31	8.85	10.63
γ 64.0	10.59	8.85	8.49	10.23
γ 65.0	10.07	8.41	8.16	9.83
γ 66.0	9.61	8.00	7.76	9.44
γ 67.0	9.16	7.53	7.43	9.03
γ 68.0	8.69	7.16	7.07	8.65
γ 69.0	8.22	6.78	6.69	8.28
γ 70.0	7.83	6.36	6.37	7.87
γ 71.0	7.39	6.03	6.10	7.56
γ 72.0	6.98	5.69	5.77	7.22
γ 73.0	6.63	5.31	5.45	6.84
γ 74.0	6.27	4.95	5.16	6.53
γ 75.0	5.85	4.66	4.87	6.24
γ 76.0	5.53	4.40	4.59	5.91
γ 77.0	5.21	3.99	4.34	5.59
γ 78.0	4.85	3.75	4.07	5.30
γ 79.0	4.58	3.54	3.76	4.99
γ 80.0	4.32	3.29	3.55	4.63
γ 81.0	4.03	2.98	3.31	4.41
γ 82.0	3.74	2.78	3.04	4.18
γ 83.0	3.52	2.62	2.77	3.85
γ 84.0	3.33	2.46	2.55	3.57
γ 85.0	3.13	2.16	2.39	3.34
γ 86.0	2.77	1.79	2.22	3.18
γ 87.0	2.42	1.45	1.97	3.01
γ 88.0	2.06	1.29	1.73	2.64
γ 89.0	1.95	1.24	1.50	2.39
γ 90.0	1.89	1.20	1.39	2.06
γ 91.0	1.81	1.15	1.35	1.97
γ 92.0	1.76	1.11	1.30	1.91
γ 93.0	1.70	1.06	1.25	1.85



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.64	1.02	1.20	1.79
γ 95.0	1.59	0.99	1.17	1.74
γ 96.0	1.54	0.96	1.13	1.68
γ 97.0	1.50	0.94	1.10	1.63
γ 98.0	1.46	0.90	1.07	1.58
γ 99.0	1.41	0.87	1.04	1.54
γ 100.0	1.37	0.86	1.02	1.49
γ 101.0	1.34	0.84	1.00	1.45
γ 102.0	1.31	0.82	0.97	1.41
γ 103.0	1.29	0.81	0.96	1.38
γ 104.0	1.26	0.79	0.95	1.36
γ 105.0	1.24	0.79	0.94	1.33
γ 106.0	1.22	0.78	0.92	1.32
γ 107.0	1.21	0.79	0.92	1.29
γ 108.0	1.20	0.78	0.93	1.28
γ 109.0	1.19	0.78	0.93	1.27
γ 110.0	1.19	0.80	0.93	1.26
γ 111.0	1.17	0.80	0.94	1.26
γ 112.0	1.18	0.81	0.95	1.25
γ 113.0	1.18	0.83	0.96	1.25
γ 114.0	1.19	0.84	0.97	1.25
γ 115.0	1.20	0.86	0.99	1.27
γ 116.0	1.21	0.88	1.01	1.28
γ 117.0	1.21	0.90	1.04	1.29
γ 118.0	1.23	0.92	1.05	1.30
γ 119.0	1.25	0.94	1.08	1.32
γ 120.0	1.26	0.98	1.10	1.33
γ 121.0	1.28	1.00	1.13	1.35
γ 122.0	1.31	1.03	1.16	1.37
γ 123.0	1.32	1.07	1.20	1.40
γ 124.0	1.36	1.10	1.24	1.42
γ 125.0	1.39	1.13	1.26	1.45
γ 126.0	1.42	1.17	1.30	1.48
γ 127.0	1.46	1.21	1.34	1.51
γ 128.0	1.49	1.25	1.38	1.56
γ 129.0	1.52	1.29	1.43	1.58
γ 130.0	1.57	1.35	1.47	1.62
γ 131.0	1.62	1.40	1.52	1.67
γ 132.0	1.65	1.44	1.57	1.69
γ 133.0	1.70	1.49	1.62	1.75
γ 134.0	1.74	1.55	1.67	1.78
γ 135.0	1.79	1.60	1.71	1.82
γ 136.0	1.84	1.65	1.77	1.88
γ 137.0	1.88	1.71	1.82	1.92
γ 138.0	1.94	1.75	1.88	1.97
γ 139.0	1.98	1.82	1.93	2.01
γ 140.0	2.03	1.85	1.99	2.06

# IES Indoor Report

Photometric Filename:MD10-06-XX-02 3000K RA90 60D.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.08	1.92	2.04	2.11
γ 142.0	2.13	1.96	2.09	2.16
γ 143.0	2.17	2.01	2.14	2.20
γ 144.0	2.21	2.05	2.19	2.24
γ 145.0	2.26	2.10	2.23	2.29
γ 146.0	2.31	2.14	2.29	2.33
γ 147.0	2.35	2.20	2.32	2.38
γ 148.0	2.39	2.23	2.37	2.42
γ 149.0	2.43	2.28	2.42	2.46
γ 150.0	2.48	2.31	2.45	2.50
γ 151.0	2.52	2.38	2.50	2.54
γ 152.0	2.57	2.42	2.55	2.57
γ 153.0	2.61	2.47	2.59	2.61
γ 154.0	2.65	2.51	2.63	2.65
γ 155.0	2.69	2.56	2.68	2.69
γ 156.0	2.75	2.62	2.72	2.73
γ 157.0	2.79	2.67	2.76	2.78
γ 158.0	2.83	2.70	2.81	2.81
γ 159.0	2.88	2.75	2.85	2.86
γ 160.0	2.93	2.81	2.89	2.89
γ 161.0	2.97	2.85	2.94	2.93
γ 162.0	3.01	2.90	2.98	2.97
γ 163.0	3.05	2.94	3.02	3.01
γ 164.0	3.09	2.98	3.06	3.05
γ 165.0	3.13	3.02	3.09	3.08
γ 166.0	3.17	3.06	3.13	3.11
γ 167.0	3.21	3.09	3.16	3.15
γ 168.0	3.24	3.12	3.21	3.18
γ 169.0	3.29	3.17	3.24	3.22
γ 170.0	3.33	3.19	3.28	3.25
γ 171.0	3.36	3.24	3.30	3.28
γ 172.0	3.39	3.27	3.34	3.32
γ 173.0	3.43	3.30	3.37	3.34
γ 174.0	3.45	3.32	3.40	3.37
γ 175.0	3.47	3.35	3.42	3.39
γ 176.0	3.50	3.37	3.44	3.42
γ 177.0	3.52	3.39	3.47	3.45
γ 178.0	3.52	3.40	3.50	3.46
γ 179.0	3.52	3.40	3.51	3.48
γ 180.0	3.49	3.49	3.49	3.49