

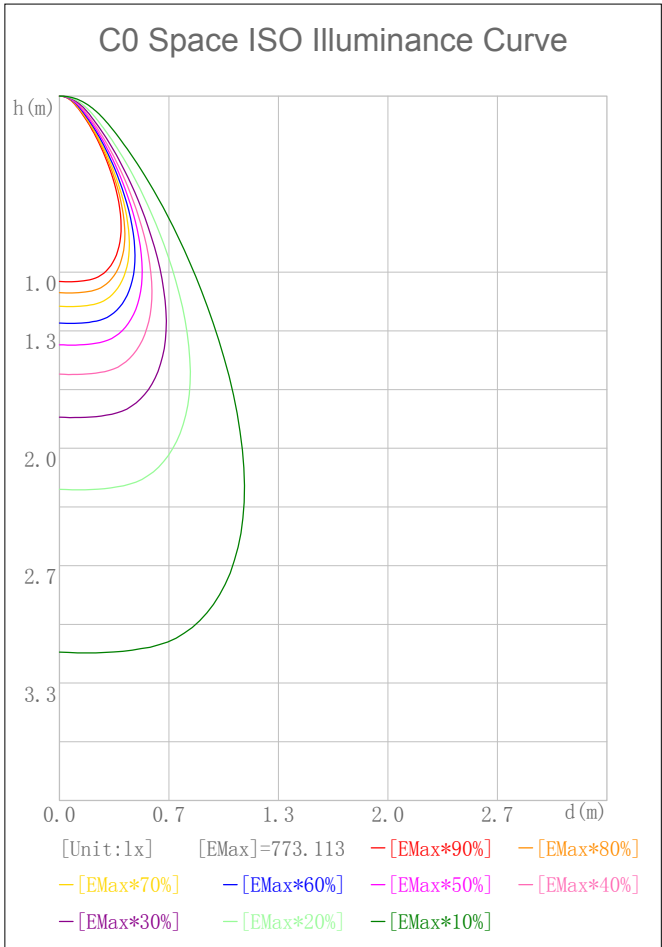
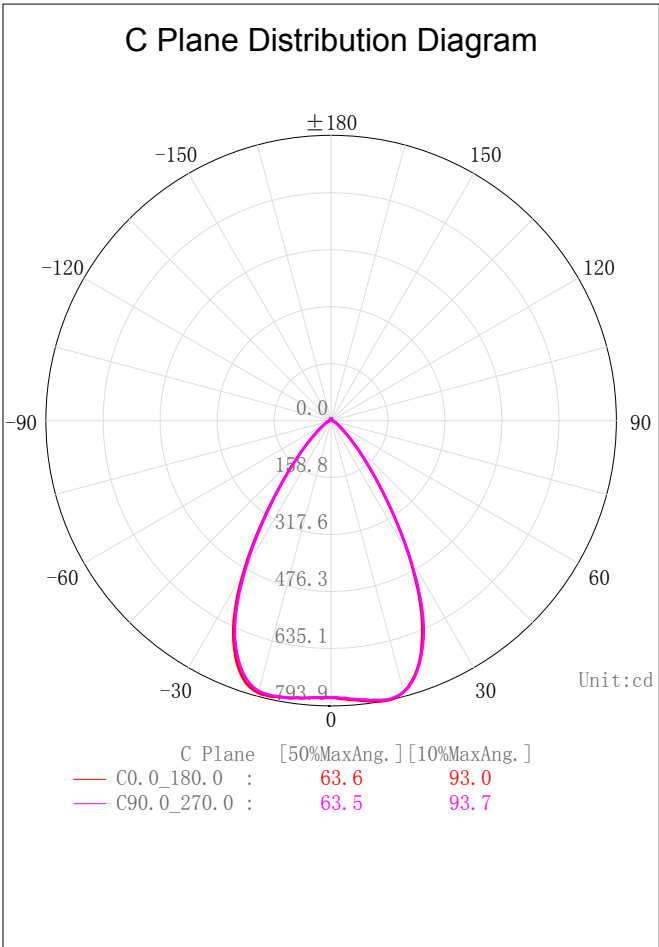
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-09-XX-03 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*0.050m		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): 912.500	Luminary Flux(lm): 912.499	Field Angle(10%Imax): 93.0(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 892.424lm 97.80%	
Rated Voltage(V):	Luminary EER(lm/W): 99.055	Up Lumens&Percent: 20.075lm 2.20%	
Tested Power(W): 9.212	Max. Candela(cd): 793.884	S/MH: C0_a180=1.035 C90_270=1.033	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=12.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):241.3, 0.041, 0.921	Beam Angle(50%Imax): 63.6(°)	ErP Φ use(90°): 804.681lm	
Lamp Size (W*L*H):0.050m*0.050m*0.050m	Left=-32.6°, Right=31.0°	IRF(%): 196.294	



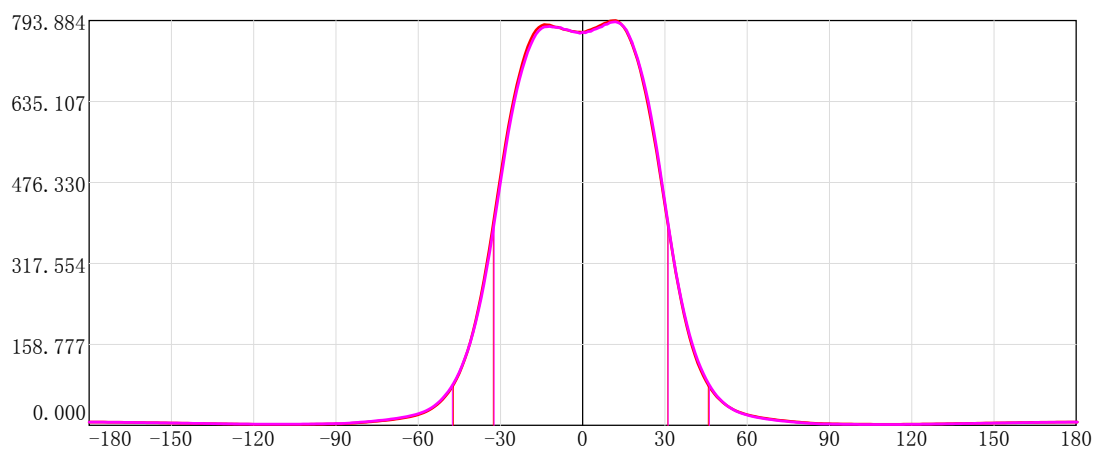
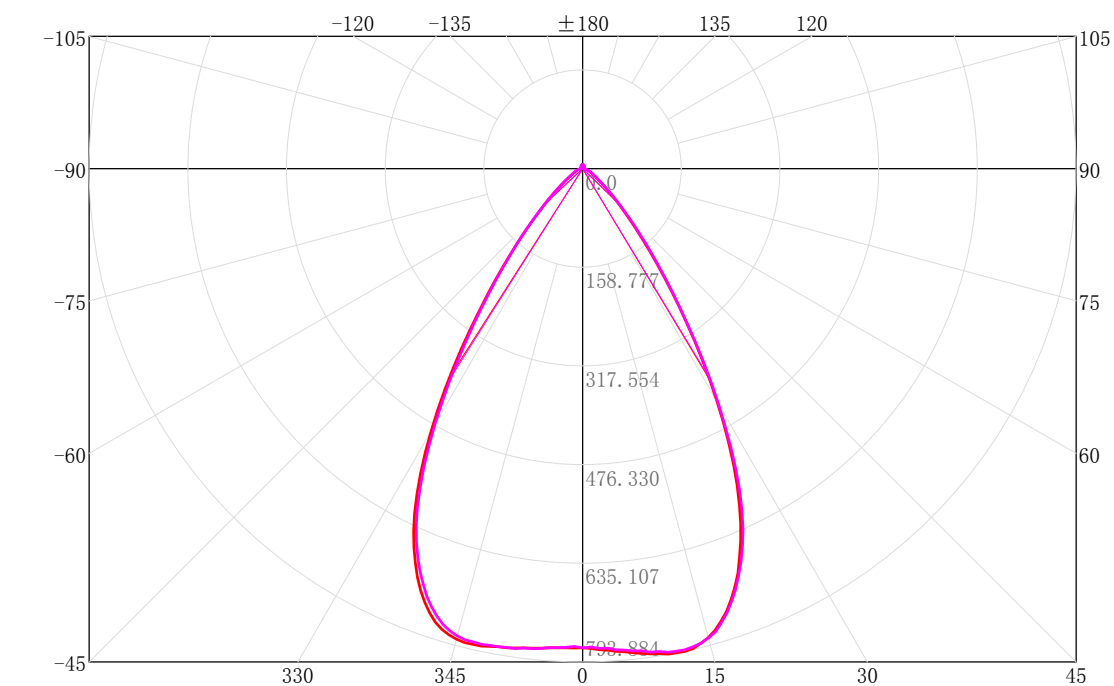
# IES Indoor Report

Photometric Filename:MD10-09-XX-03 4000K RA90 60D.IES

## 2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-09-XX-03 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

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]  
— C0.0\_180.0 : 63.6 93.0  
— C90.0\_270.0 : 63.5 93.7

Unit:cd

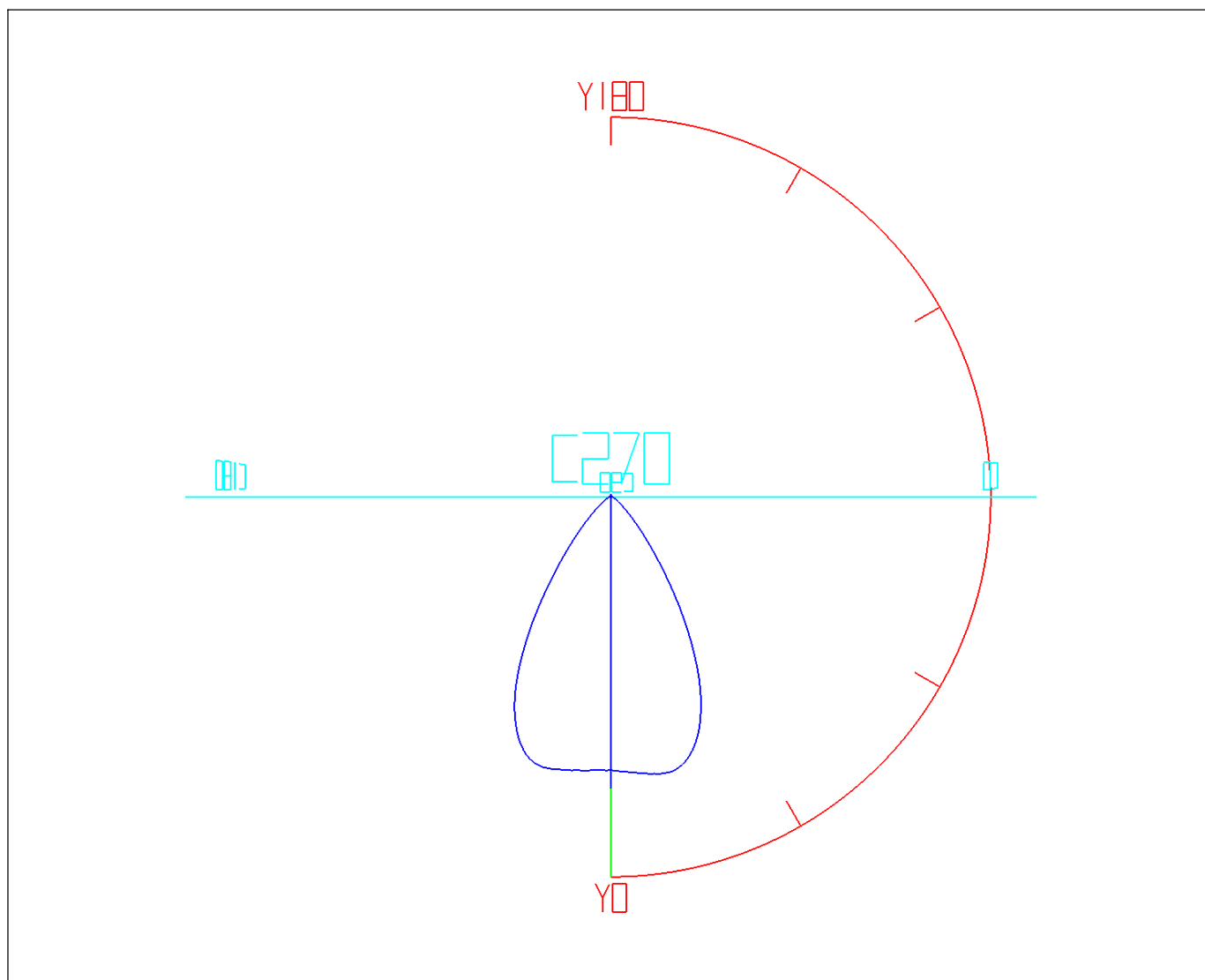
# IES Indoor Report

Photometric Filename:MD10-09-XX-03 4000K RA90 60D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: MD10-09-XX-03 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

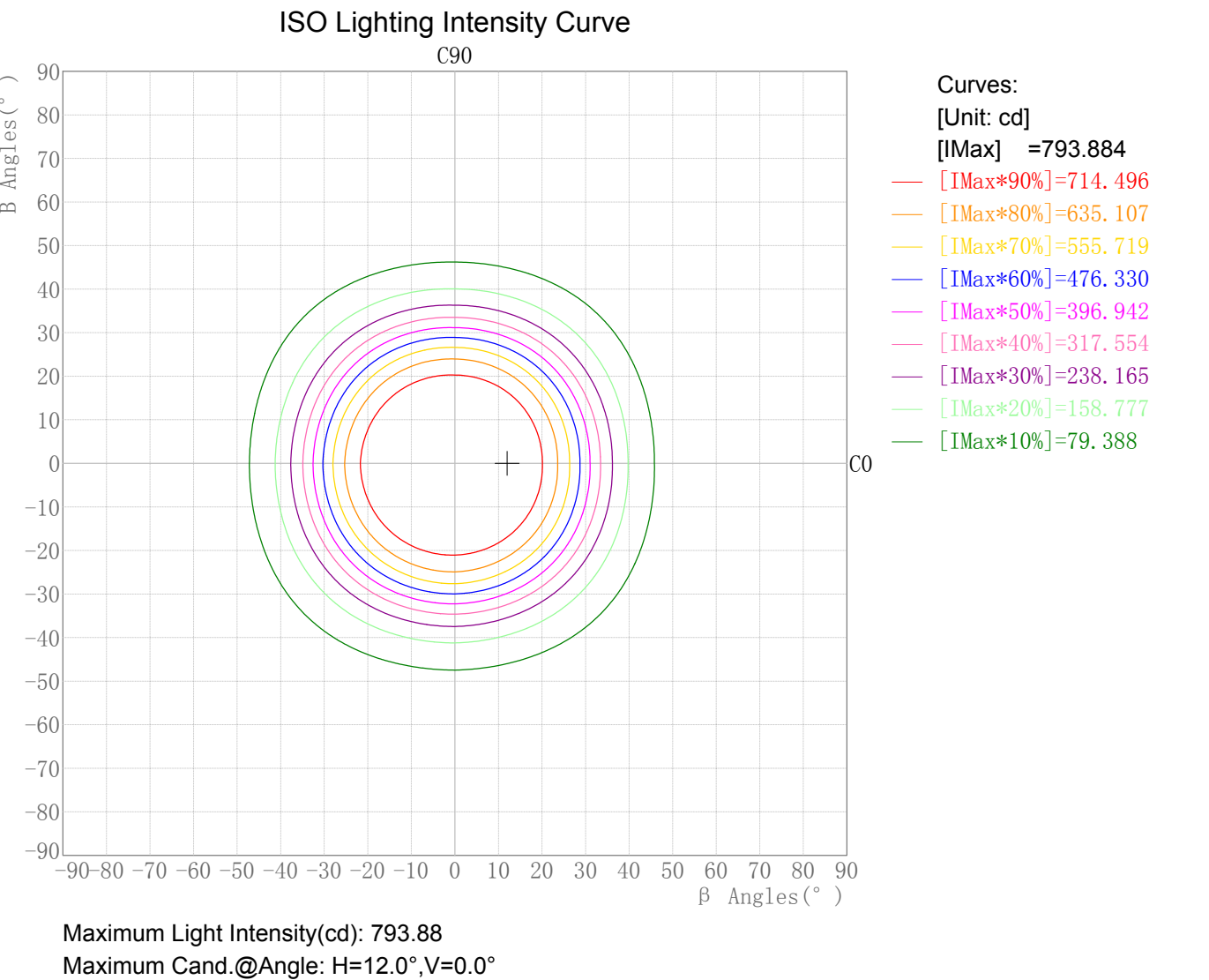
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.74	0.74	0.08	0.08	47.0-48.0	5.87	822.49	0.64	90.14
1.0-2.0	2.21	2.95	0.24	0.32	48.0-49.0	5.33	827.82	0.58	90.72
2.0-3.0	3.70	6.65	0.41	0.73	49.0-50.0	4.84	832.67	0.53	91.25
3.0-4.0	5.18	11.83	0.57	1.30	50.0-51.0	4.41	837.07	0.48	91.73
4.0-5.0	6.68	18.50	0.73	2.03	51.0-52.0	4.01	841.08	0.44	92.17
5.0-6.0	8.18	26.68	0.90	2.92	52.0-53.0	3.66	844.74	0.40	92.57
6.0-7.0	9.68	36.36	1.06	3.98	53.0-54.0	3.34	848.08	0.37	92.94
7.0-8.0	11.19	47.55	1.23	5.21	54.0-55.0	3.06	851.14	0.34	93.28
8.0-9.0	12.70	60.25	1.39	6.60	55.0-56.0	2.81	853.96	0.31	93.58
9.0-10.0	14.21	74.46	1.56	8.16	56.0-57.0	2.60	856.55	0.28	93.87
10.0-11.0	15.72	90.18	1.72	9.88	57.0-58.0	2.41	858.96	0.26	94.13
11.0-12.0	17.22	107.40	1.89	11.77	58.0-59.0	2.24	861.20	0.25	94.38
12.0-13.0	18.69	126.10	2.05	13.82	59.0-60.0	2.10	863.30	0.23	94.61
13.0-14.0	20.13	146.22	2.21	16.02	60.0-61.0	1.97	865.27	0.22	94.82
14.0-15.0	21.51	167.73	2.36	18.38	61.0-62.0	1.85	867.12	0.20	95.03
15.0-16.0	22.81	190.54	2.50	20.88	62.0-63.0	1.75	868.87	0.19	95.22
16.0-17.0	24.02	214.56	2.63	23.51	63.0-64.0	1.65	870.52	0.18	95.40
17.0-18.0	25.11	239.67	2.75	26.27	64.0-65.0	1.57	872.09	0.17	95.57
18.0-19.0	26.08	265.75	2.86	29.12	65.0-66.0	1.48	873.57	0.16	95.73
19.0-20.0	26.92	292.67	2.95	32.07	66.0-67.0	1.41	874.98	0.15	95.89
20.0-21.0	27.61	320.28	3.03	35.10	67.0-68.0	1.34	876.32	0.15	96.03
21.0-22.0	28.15	348.43	3.08	38.18	68.0-69.0	1.27	877.59	0.14	96.17
22.0-23.0	28.53	376.95	3.13	41.31	69.0-70.0	1.20	878.79	0.13	96.31
23.0-24.0	28.75	405.70	3.15	44.46	70.0-71.0	1.14	879.93	0.13	96.43
24.0-25.0	28.78	434.48	3.15	47.61	71.0-72.0	1.08	881.01	0.12	96.55
25.0-26.0	28.59	463.07	3.13	50.75	72.0-73.0	1.02	882.03	0.11	96.66
26.0-27.0	28.17	491.24	3.09	53.83	73.0-74.0	0.97	883.00	0.11	96.77
27.0-28.0	27.53	518.77	3.02	56.85	74.0-75.0	0.91	883.92	0.10	96.87
28.0-29.0	26.68	545.45	2.92	59.78	75.0-76.0	0.86	884.78	0.09	96.96
29.0-30.0	25.66	571.11	2.81	62.59	76.0-77.0	0.81	885.59	0.09	97.05
30.0-31.0	24.52	595.63	2.69	65.27	77.0-78.0	0.77	886.36	0.08	97.14
31.0-32.0	23.26	618.89	2.55	67.82	78.0-79.0	0.72	887.08	0.08	97.21
32.0-33.0	21.90	640.79	2.40	70.22	79.0-80.0	0.68	887.75	0.07	97.29
33.0-34.0	20.46	661.25	2.24	72.47	80.0-81.0	0.63	888.39	0.07	97.36
34.0-35.0	19.01	680.26	2.08	74.55	81.0-82.0	0.59	888.98	0.06	97.42
35.0-36.0	17.59	697.85	1.93	76.48	82.0-83.0	0.55	889.52	0.06	97.48
36.0-37.0	16.23	714.08	1.78	78.25	83.0-84.0	0.50	890.03	0.06	97.54
37.0-38.0	14.94	729.02	1.64	79.89	84.0-85.0	0.47	890.49	0.05	97.59
38.0-39.0	13.71	742.72	1.50	81.39	85.0-86.0	0.43	890.92	0.05	97.64
39.0-40.0	12.53	755.26	1.37	82.77	86.0-87.0	0.40	891.33	0.04	97.68
40.0-41.0	11.44	766.70	1.25	84.02	87.0-88.0	0.38	891.71	0.04	97.72
41.0-42.0	10.42	777.12	1.14	85.16	88.0-89.0	0.36	892.07	0.04	97.76
42.0-43.0	9.49	786.61	1.04	86.20	89.0-90.0	0.35	892.42	0.04	97.80
43.0-44.0	8.62	795.23	0.95	87.15	90.0-91.0	0.34	892.77	0.04	97.84
44.0-45.0	7.83	803.06	0.86	88.01	91.0-92.0	0.33	893.10	0.04	97.87
45.0-46.0	7.11	810.17	0.78	88.79	92.0-93.0	0.32	893.42	0.04	97.91
46.0-47.0	6.46	816.63	0.71	89.49	93.0-94.0	0.31	893.73	0.03	97.94

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	0.30	894.04	0.03	97.98	141.0-142.0	0.27	905.69	0.03	99.25
95.0-96.0	0.30	894.33	0.03	98.01	142.0-143.0	0.27	905.96	0.03	99.28
96.0-97.0	0.29	894.62	0.03	98.04	143.0-144.0	0.27	906.24	0.03	99.31
97.0-98.0	0.28	894.90	0.03	98.07	144.0-145.0	0.27	906.51	0.03	99.34
98.0-99.0	0.27	895.17	0.03	98.10	145.0-146.0	0.27	906.78	0.03	99.37
99.0-100.0	0.27	895.44	0.03	98.13	146.0-147.0	0.27	907.05	0.03	99.40
100.0-101.0	0.26	895.70	0.03	98.16	147.0-148.0	0.27	907.32	0.03	99.43
101.0-102.0	0.26	895.96	0.03	98.19	148.0-149.0	0.27	907.59	0.03	99.46
102.0-103.0	0.25	896.21	0.03	98.21	149.0-150.0	0.26	907.85	0.03	99.49
103.0-104.0	0.24	896.45	0.03	98.24	150.0-151.0	0.26	908.11	0.03	99.52
104.0-105.0	0.24	896.69	0.03	98.27	151.0-152.0	0.26	908.37	0.03	99.55
105.0-106.0	0.24	896.93	0.03	98.29	152.0-153.0	0.25	908.62	0.03	99.57
106.0-107.0	0.23	897.16	0.03	98.32	153.0-154.0	0.25	908.86	0.03	99.60
107.0-108.0	0.23	897.39	0.03	98.34	154.0-155.0	0.24	909.11	0.03	99.63
108.0-109.0	0.23	897.62	0.02	98.37	155.0-156.0	0.24	909.34	0.03	99.65
109.0-110.0	0.22	897.84	0.02	98.39	156.0-157.0	0.23	909.57	0.03	99.68
110.0-111.0	0.22	898.06	0.02	98.42	157.0-158.0	0.22	909.80	0.02	99.70
111.0-112.0	0.22	898.29	0.02	98.44	158.0-159.0	0.22	910.02	0.02	99.73
112.0-113.0	0.22	898.51	0.02	98.47	159.0-160.0	0.21	910.23	0.02	99.75
113.0-114.0	0.22	898.73	0.02	98.49	160.0-161.0	0.20	910.43	0.02	99.77
114.0-115.0	0.22	898.95	0.02	98.51	161.0-162.0	0.20	910.63	0.02	99.80
115.0-116.0	0.22	899.17	0.02	98.54	162.0-163.0	0.19	910.82	0.02	99.82
116.0-117.0	0.22	899.39	0.02	98.56	163.0-164.0	0.18	911.00	0.02	99.84
117.0-118.0	0.22	899.61	0.02	98.59	164.0-165.0	0.17	911.17	0.02	99.85
118.0-119.0	0.22	899.84	0.02	98.61	165.0-166.0	0.16	911.33	0.02	99.87
119.0-120.0	0.23	900.06	0.02	98.64	166.0-167.0	0.15	911.49	0.02	99.89
120.0-121.0	0.23	900.29	0.03	98.66	167.0-168.0	0.14	911.63	0.02	99.90
121.0-122.0	0.23	900.52	0.03	98.69	168.0-169.0	0.13	911.77	0.01	99.92
122.0-123.0	0.23	900.76	0.03	98.71	169.0-170.0	0.12	911.89	0.01	99.93
123.0-124.0	0.24	900.99	0.03	98.74	170.0-171.0	0.11	912.00	0.01	99.95
124.0-125.0	0.24	901.23	0.03	98.77	171.0-172.0	0.10	912.11	0.01	99.96
125.0-126.0	0.24	901.47	0.03	98.79	172.0-173.0	0.09	912.20	0.01	99.97
126.0-127.0	0.24	901.72	0.03	98.82	173.0-174.0	0.08	912.28	0.01	99.98
127.0-128.0	0.25	901.97	0.03	98.85	174.0-175.0	0.07	912.34	0.01	99.98
128.0-129.0	0.25	902.22	0.03	98.87	175.0-176.0	0.06	912.40	0.01	99.99
129.0-130.0	0.25	902.47	0.03	98.90	176.0-177.0	0.04	912.44	0.00	99.99
130.0-131.0	0.26	902.73	0.03	98.93	177.0-178.0	0.03	912.47	0.00	100.00
131.0-132.0	0.26	902.99	0.03	98.96	178.0-179.0	0.02	912.49	0.00	100.00
132.0-133.0	0.26	903.25	0.03	98.99	179.0-180.0	0.01	912.50	0.00	100.00
133.0-134.0	0.26	903.51	0.03	99.02					
134.0-135.0	0.27	903.78	0.03	99.04					
135.0-136.0	0.27	904.05	0.03	99.07					
136.0-137.0	0.27	904.32	0.03	99.10					
137.0-138.0	0.27	904.59	0.03	99.13					
138.0-139.0	0.27	904.86	0.03	99.16					
139.0-140.0	0.27	905.14	0.03	99.19					
140.0-141.0	0.27	905.41	0.03	99.22					

Rectangle ISO Lighting Intensity Diagram

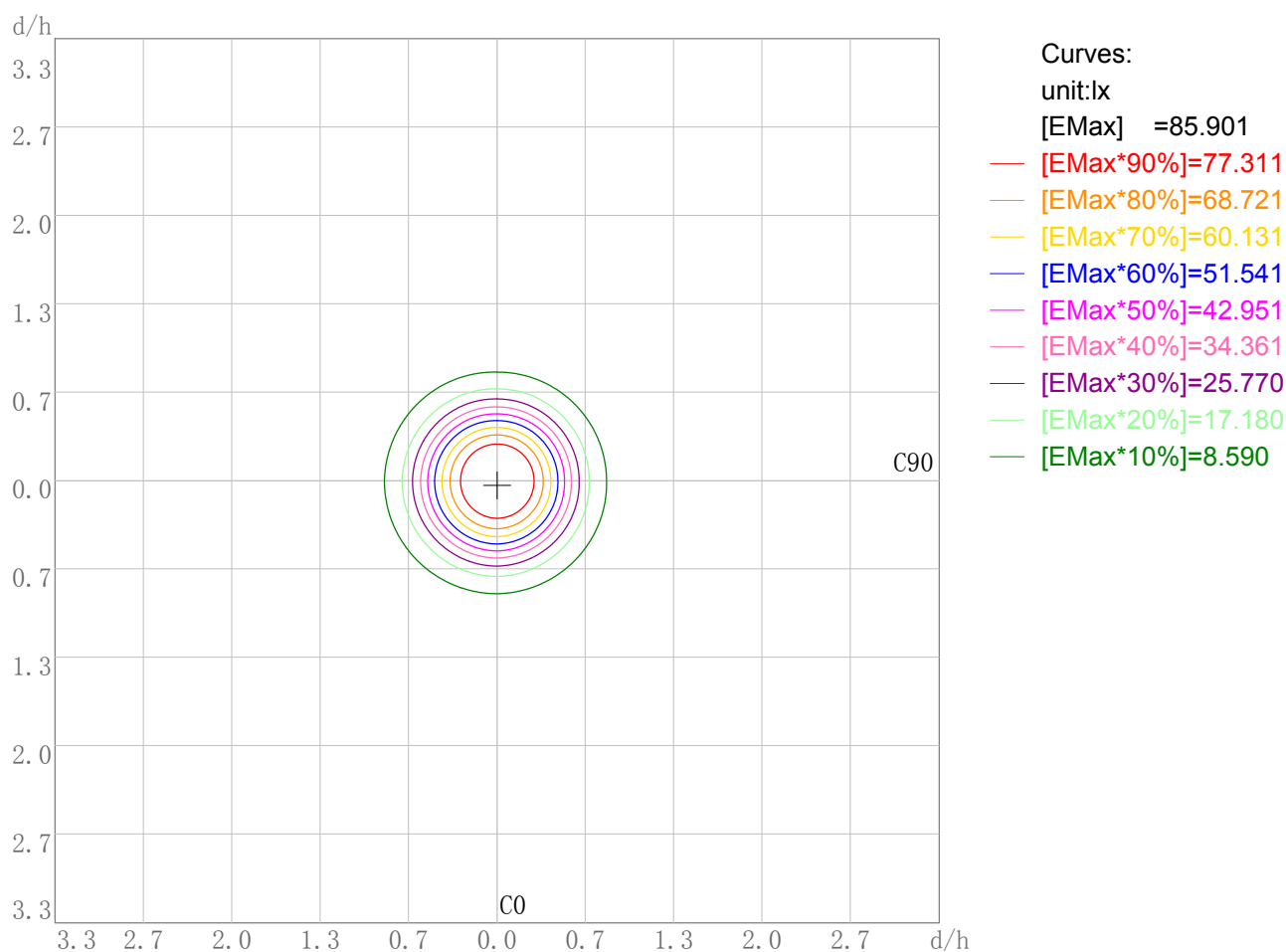
Lum. Name: MD10-09-XX-03 4000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/03



## Plane ISO-Illuminance Diagram

Lum. Name: MD10-09-XX-03 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

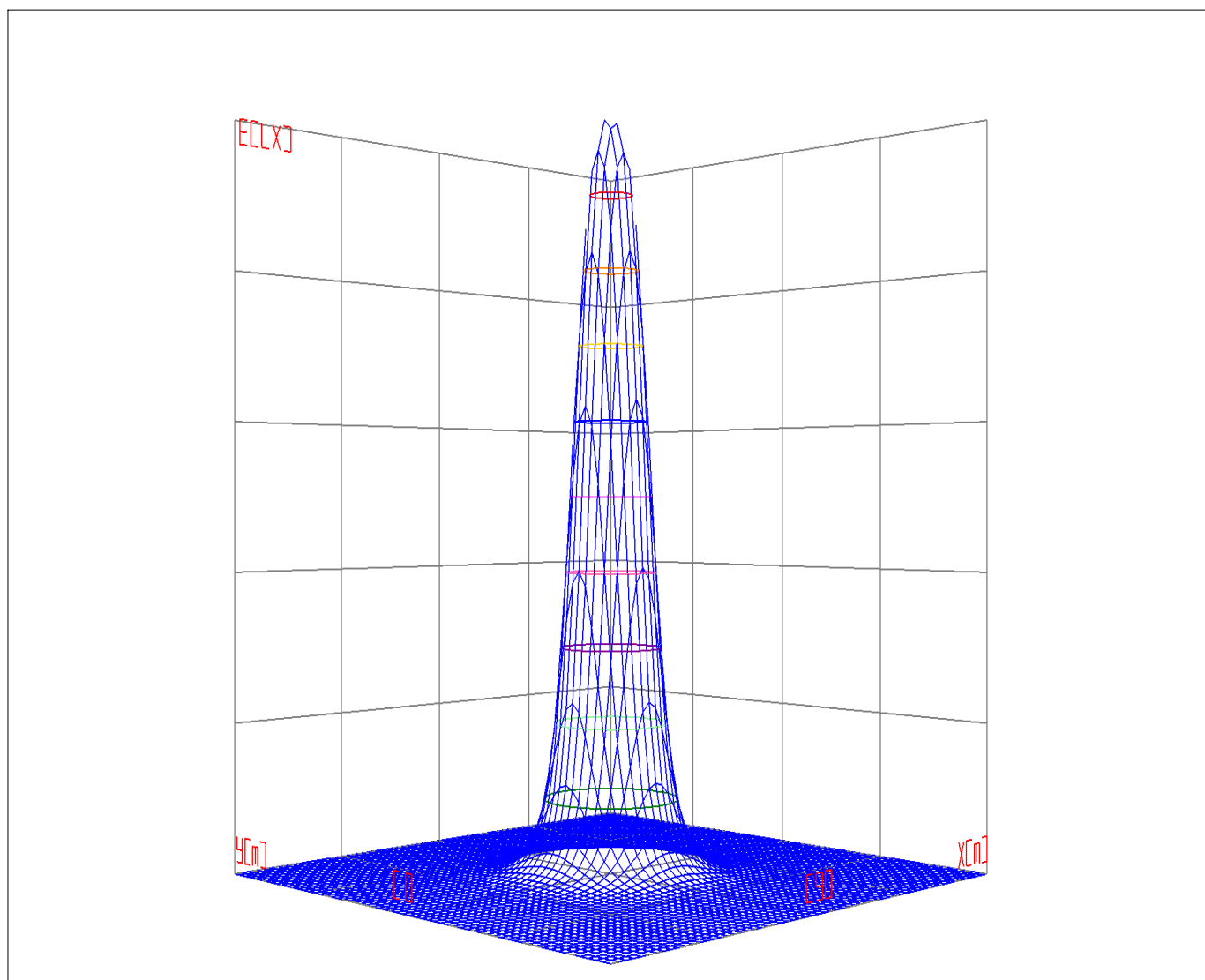
Working Plane Maximum Illuminance(lx): 85.90

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

### 3D Plane ISO Illuminance Diagram

Lum. Name: MD10-09-XX-03 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: 2019/12/03

### 3D Plane Illuminance Modal



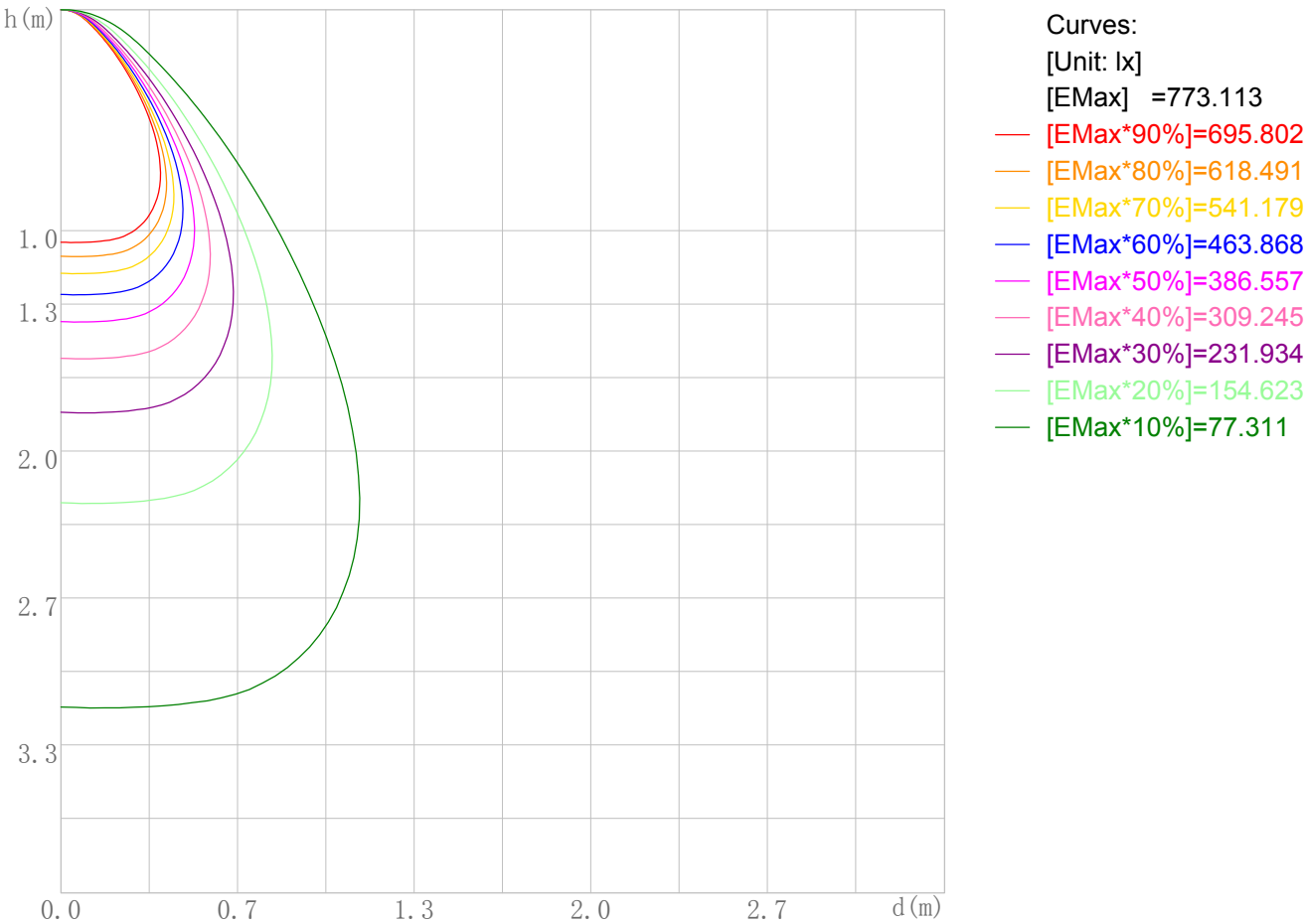
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name: MD10-09-XX-03 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:773.11lx,2.0deg  
Plane Maximum Lighting Intensity and @Angle:793.884cd,0deg

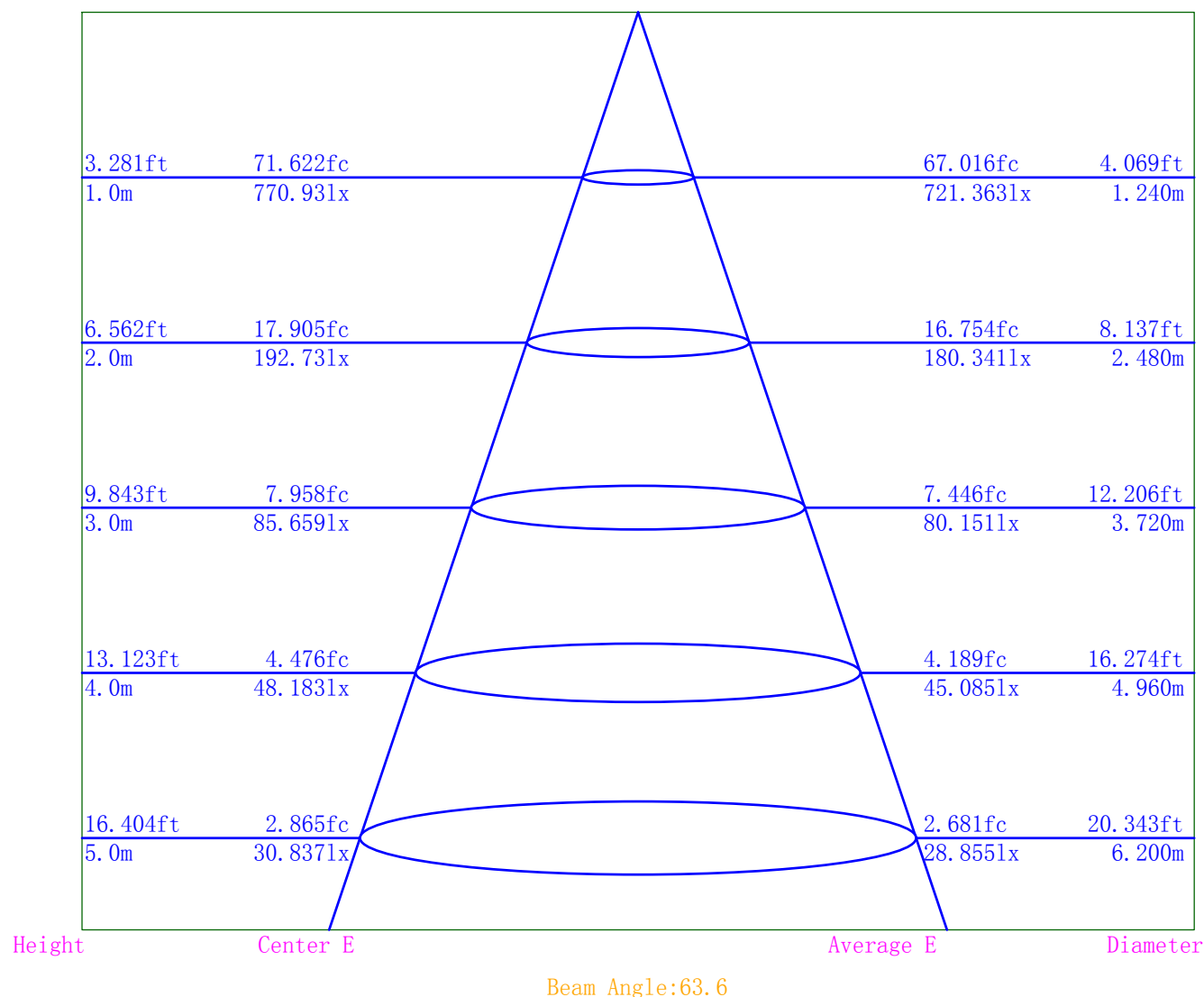
# IES Indoor Report

Photometric Filename:MD10-09-XX-03 4000K RA90 60D.IES

## Illuminance-Distance Diagram

Lum. Name: MD10-09-XX-03 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-03 4000K RA90 60D.IES

## Indoor Luminance Limiting Curves

Lum. Name: MD10-09-XX-03 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

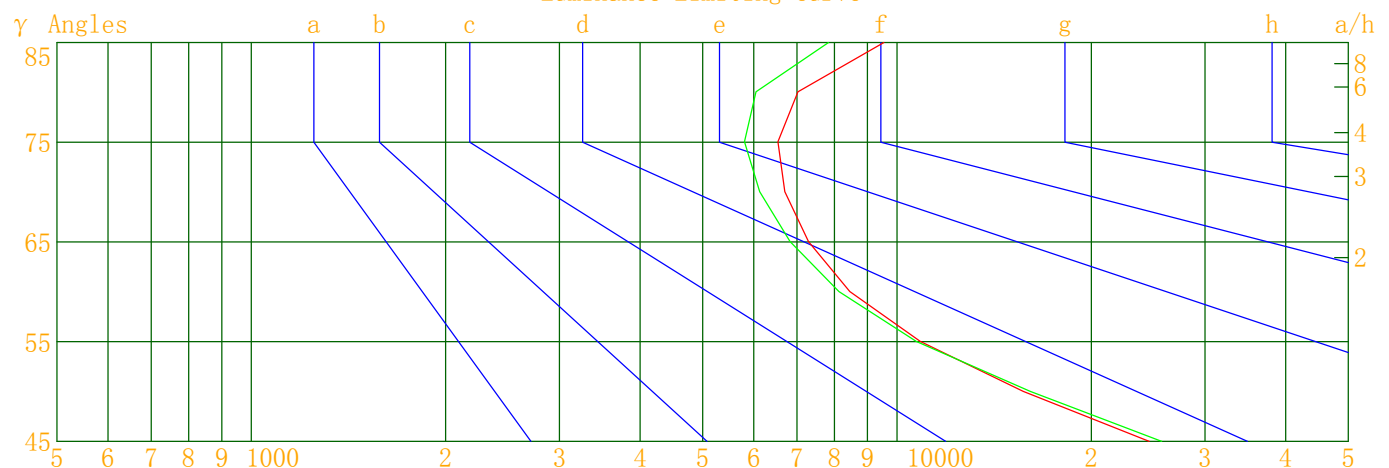
Glare Grade Table

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	24572	15688	10870	8450	7295	6703	6541	7026	9544
C90	25696	16093	10718	8130	6830	6128	5804	6049	7832

Luminance Limiting Curve



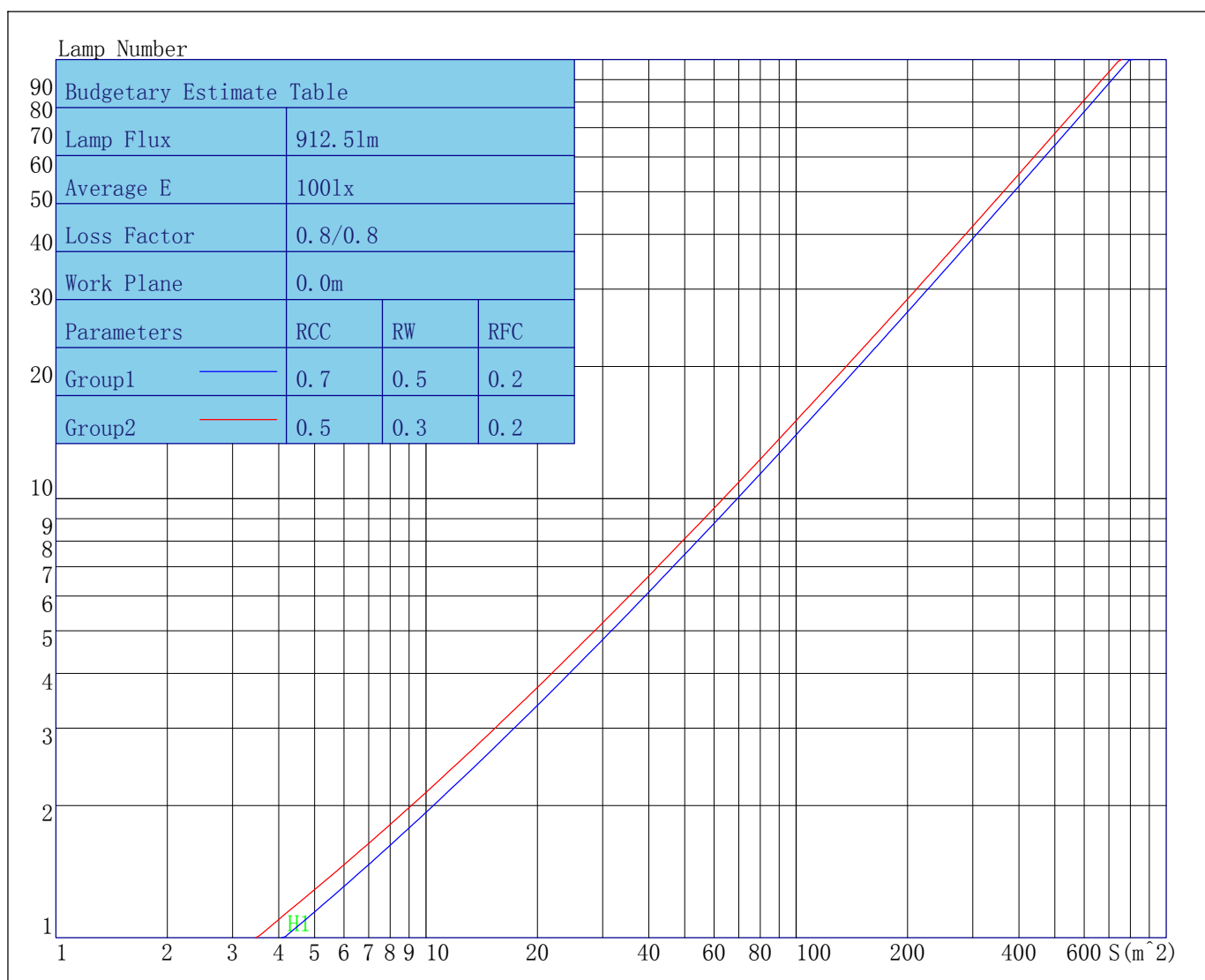
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.050 Area(m^2)=0.005000  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:MD10-09-XX-03 4000K RA90 60D.IES

## Indoor Budgetary Estimate Table

Lum. Name: MD10-09-XX-03 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-03 4000K RA90 60D.IES

## Indoor Coefficient of Utilization Table

Lum. Name: MD10-09-XX-03 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	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	98	91	86	82	88	84	80	85	82	79	83	80	77	76
4	94	86	80	75	92	85	79	75	82	77	73	80	76	72	78	74	71	69
5	89	80	73	69	87	79	73	68	77	71	67	75	70	67	73	69	66	64
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	68	64	61	59
7	79	69	63	58	78	69	62	58	67	62	58	66	61	57	64	60	57	55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	56	53	51
9	71	61	55	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48
10	68	58	51	47	67	57	51	47	56	51	47	55	50	47	54	50	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 surfaces and sizes, and 11 columns for glare ratings. 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	770.93	770.93	770.93	770.93
γ 1.0	771.98	769.82	771.41	768.86
γ 2.0	774.53	772.15	771.32	770.74
γ 3.0	776.01	772.55	772.14	771.45
γ 4.0	778.49	775.91	772.91	772.54
γ 5.0	780.36	777.45	774.39	774.98
γ 6.0	783.12	780.08	775.70	776.42
γ 7.0	785.85	781.61	776.63	776.98
γ 8.0	788.41	785.67	778.81	779.92
γ 9.0	790.05	786.56	780.67	779.84
γ 10.0	793.09	789.84	780.92	780.96
γ 11.0	793.58	790.84	783.04	781.10
γ 12.0	793.88	791.33	785.24	782.38
γ 13.0	792.05	789.36	785.45	781.51
γ 14.0	786.90	786.87	785.93	781.25
γ 15.0	781.07	781.76	783.88	778.41
γ 16.0	772.55	775.21	780.40	773.93
γ 17.0	761.40	763.84	774.99	767.27
γ 18.0	748.81	751.48	767.05	757.61
γ 19.0	733.37	736.01	755.86	745.94
γ 20.0	716.26	719.62	742.69	732.50
γ 21.0	696.91	700.60	727.07	715.71
γ 22.0	673.89	680.63	709.31	698.36
γ 23.0	650.43	658.08	688.89	679.01
γ 24.0	624.59	634.11	667.59	657.26
γ 25.0	596.37	606.07	643.20	633.06
γ 26.0	566.58	576.19	616.77	606.14
γ 27.0	534.78	542.86	587.22	575.66
γ 28.0	500.59	508.62	555.86	543.85
γ 29.0	466.71	472.45	521.89	509.18
γ 30.0	431.89	437.32	487.03	475.24
γ 31.0	398.03	402.05	452.39	440.17
γ 32.0	364.56	367.49	417.38	405.98
γ 33.0	331.60	333.69	381.46	370.81
γ 34.0	299.50	301.78	347.63	337.22
γ 35.0	269.79	272.07	314.74	305.59
γ 36.0	242.13	245.55	284.10	276.02
γ 37.0	216.89	221.08	255.73	249.04
γ 38.0	193.99	198.82	229.95	224.87
γ 39.0	173.04	178.03	205.48	201.93
γ 40.0	154.17	159.73	183.60	181.49
γ 41.0	137.46	142.66	163.59	162.49
γ 42.0	122.22	127.71	145.70	145.86
γ 43.0	109.04	113.96	129.39	130.55
γ 44.0	97.23	101.90	115.07	116.82
γ 45.0	86.88	90.85	102.13	104.32
γ 46.0	77.56	81.17	90.92	93.18

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	69.52	72.51	80.93	83.44
γ 48.0	62.33	64.72	72.23	74.77
γ 49.0	55.99	57.76	64.40	66.97
γ 50.0	50.42	51.72	57.53	60.01
γ 51.0	45.56	46.35	51.25	53.71
γ 52.0	41.22	41.65	45.89	48.14
γ 53.0	37.41	37.49	41.17	43.22
γ 54.0	34.08	33.90	36.99	38.94
γ 55.0	31.17	30.74	33.28	35.21
γ 56.0	28.60	28.06	30.11	31.96
γ 57.0	26.36	25.67	27.31	29.16
γ 58.0	24.36	23.66	24.93	26.72
γ 59.0	22.66	21.88	22.85	24.67
γ 60.0	21.13	20.33	21.09	22.88
γ 61.0	19.79	18.90	19.55	21.33
γ 62.0	18.54	17.65	18.19	19.95
γ 63.0	17.43	16.47	16.94	18.68
γ 64.0	16.38	15.42	15.89	17.54
γ 65.0	15.41	14.43	14.91	16.53
γ 66.0	14.54	13.55	14.02	15.60
γ 67.0	13.72	12.70	13.19	14.73
γ 68.0	12.92	11.93	12.46	13.92
γ 69.0	12.18	11.17	11.74	13.16
γ 70.0	11.46	10.48	11.08	12.44
γ 71.0	10.81	9.81	10.45	11.75
γ 72.0	10.16	9.20	9.87	11.10
γ 73.0	9.57	8.60	9.29	10.49
γ 74.0	9.00	8.04	8.77	9.90
γ 75.0	8.47	7.51	8.23	9.33
γ 76.0	7.94	7.02	7.74	8.81
γ 77.0	7.45	6.53	7.25	8.28
γ 78.0	6.97	6.09	6.82	7.80
γ 79.0	6.54	5.66	6.38	7.33
γ 80.0	6.10	5.25	5.98	6.88
γ 81.0	5.68	4.85	5.57	6.45
γ 82.0	5.23	4.44	5.18	6.05
γ 83.0	4.82	4.03	4.80	5.63
γ 84.0	4.45	3.70	4.39	5.20
γ 85.0	4.16	3.41	4.04	4.79
γ 86.0	3.86	3.16	3.73	4.45
γ 87.0	3.69	2.98	3.47	4.18
γ 88.0	3.55	2.85	3.23	3.91
γ 89.0	3.45	2.76	3.09	3.75
γ 90.0	3.34	2.68	2.98	3.63
γ 91.0	3.24	2.60	2.91	3.52
γ 92.0	3.14	2.54	2.82	3.42
γ 93.0	3.06	2.44	2.74	3.33



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.98	2.39	2.67	3.24
γ 95.0	2.90	2.32	2.61	3.15
γ 96.0	2.82	2.26	2.54	3.08
γ 97.0	2.77	2.21	2.48	3.00
γ 98.0	2.69	2.17	2.42	2.94
γ 99.0	2.63	2.10	2.37	2.87
γ 100.0	2.58	2.07	2.32	2.80
γ 101.0	2.54	2.03	2.28	2.75
γ 102.0	2.47	2.00	2.25	2.70
γ 103.0	2.43	1.96	2.21	2.65
γ 104.0	2.39	1.93	2.18	2.60
γ 105.0	2.37	1.91	2.15	2.56
γ 106.0	2.33	1.90	2.13	2.53
γ 107.0	2.31	1.89	2.11	2.51
γ 108.0	2.29	1.87	2.10	2.48
γ 109.0	2.27	1.87	2.09	2.46
γ 110.0	2.26	1.87	2.09	2.45
γ 111.0	2.27	1.87	2.09	2.44
γ 112.0	2.27	1.88	2.10	2.43
γ 113.0	2.28	1.90	2.11	2.45
γ 114.0	2.29	1.92	2.13	2.45
γ 115.0	2.31	1.95	2.15	2.46
γ 116.0	2.33	1.99	2.18	2.48
γ 117.0	2.36	2.02	2.20	2.51
γ 118.0	2.39	2.06	2.25	2.54
γ 119.0	2.44	2.10	2.29	2.57
γ 120.0	2.48	2.15	2.34	2.61
γ 121.0	2.53	2.20	2.38	2.65
γ 122.0	2.57	2.26	2.44	2.69
γ 123.0	2.63	2.33	2.50	2.74
γ 124.0	2.69	2.40	2.56	2.80
γ 125.0	2.76	2.47	2.62	2.85
γ 126.0	2.83	2.54	2.70	2.92
γ 127.0	2.89	2.61	2.77	2.98
γ 128.0	2.97	2.68	2.85	3.05
γ 129.0	3.04	2.77	2.91	3.11
γ 130.0	3.12	2.85	3.00	3.19
γ 131.0	3.20	2.93	3.07	3.27
γ 132.0	3.27	3.01	3.17	3.34
γ 133.0	3.36	3.10	3.25	3.42
γ 134.0	3.44	3.18	3.34	3.51
γ 135.0	3.54	3.28	3.42	3.59
γ 136.0	3.61	3.37	3.52	3.67
γ 137.0	3.70	3.45	3.61	3.75
γ 138.0	3.78	3.54	3.71	3.84
γ 139.0	3.89	3.63	3.78	3.92
γ 140.0	3.96	3.73	3.89	4.01

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	4.05	3.81	3.97	4.09
γ 142.0	4.14	3.91	4.07	4.18
γ 143.0	4.23	4.00	4.15	4.26
γ 144.0	4.31	4.09	4.25	4.34
γ 145.0	4.41	4.18	4.34	4.43
γ 146.0	4.48	4.27	4.43	4.51
γ 147.0	4.58	4.35	4.52	4.59
γ 148.0	4.66	4.45	4.61	4.67
γ 149.0	4.75	4.53	4.69	4.76
γ 150.0	4.82	4.64	4.79	4.84
γ 151.0	4.92	4.70	4.86	4.92
γ 152.0	4.99	4.80	4.95	4.99
γ 153.0	5.07	4.86	5.03	5.06
γ 154.0	5.14	4.97	5.11	5.14
γ 155.0	5.23	5.05	5.18	5.21
γ 156.0	5.30	5.13	5.27	5.26
γ 157.0	5.38	5.19	5.33	5.35
γ 158.0	5.45	5.28	5.42	5.42
γ 159.0	5.54	5.36	5.48	5.48
γ 160.0	5.61	5.46	5.57	5.56
γ 161.0	5.68	5.53	5.63	5.63
γ 162.0	5.76	5.62	5.70	5.70
γ 163.0	5.83	5.68	5.77	5.76
γ 164.0	5.90	5.76	5.84	5.84
γ 165.0	5.98	5.82	5.92	5.89
γ 166.0	6.05	5.89	5.99	5.96
γ 167.0	6.12	5.95	6.06	6.02
γ 168.0	6.18	6.02	6.12	6.09
γ 169.0	6.25	6.08	6.17	6.15
γ 170.0	6.30	6.15	6.24	6.20
γ 171.0	6.36	6.19	6.30	6.27
γ 172.0	6.41	6.26	6.35	6.31
γ 173.0	6.48	6.30	6.40	6.35
γ 174.0	6.51	6.35	6.44	6.40
γ 175.0	6.54	6.39	6.49	6.44
γ 176.0	6.58	6.42	6.53	6.48
γ 177.0	6.61	6.44	6.55	6.50
γ 178.0	6.62	6.47	6.59	6.53
γ 179.0	6.62	6.48	6.61	6.55
γ 180.0	6.59	6.59	6.59	6.59