

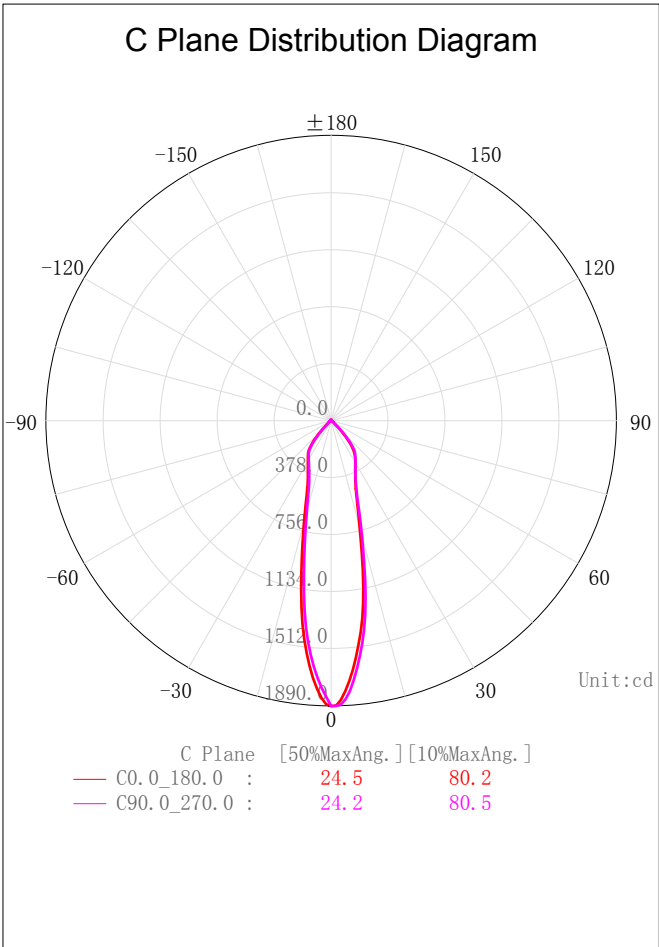
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-09-XX-02 3000K RA90 25D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/11/20
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*0.060m	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

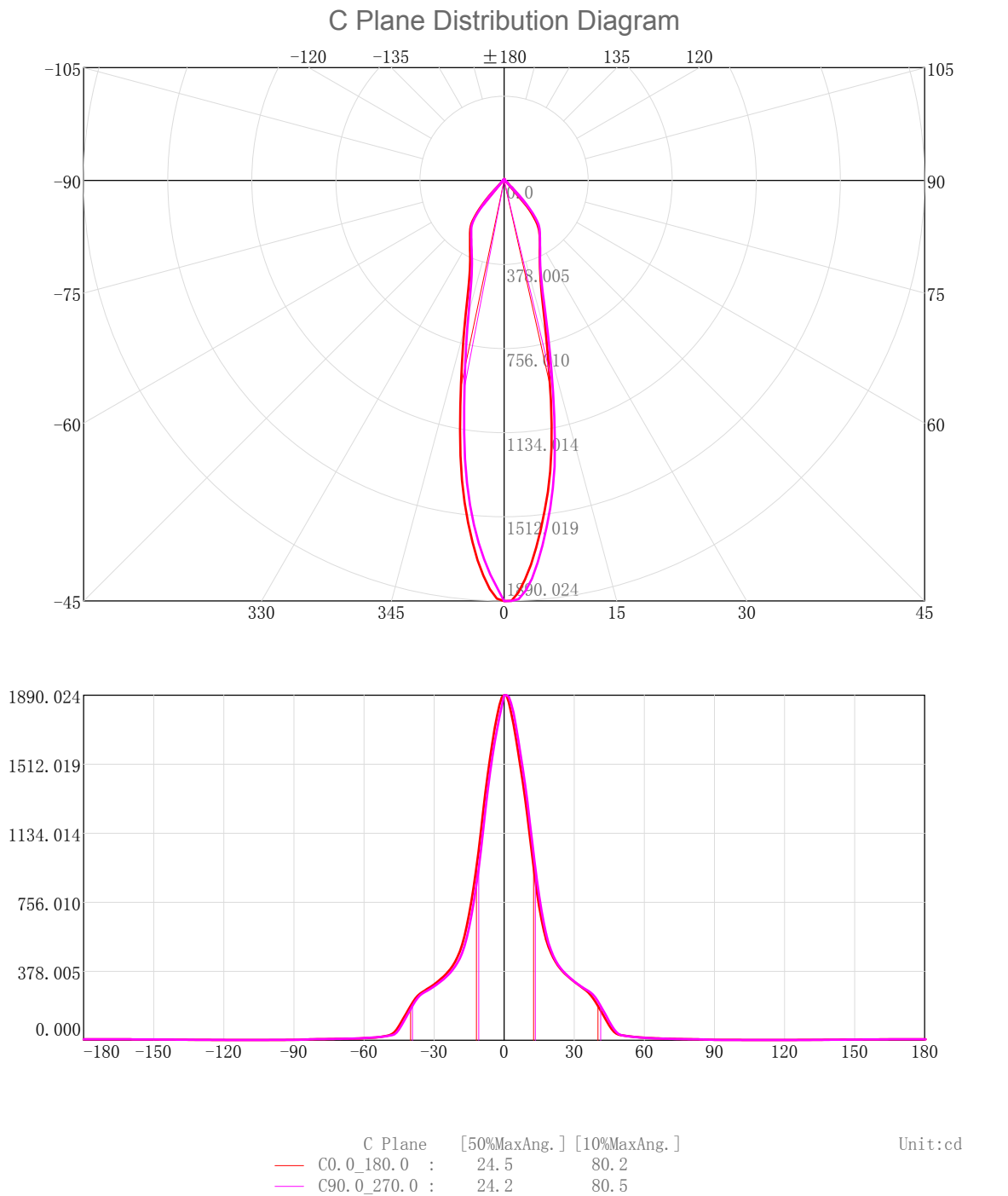
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 806.000	Luminary Flux(lm): 806.001	Field Angle(10%Imax): 80.2(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 786.141lm 97.54%
Rated Voltage(V):	Luminary EER(lm/W): 90.278	Up Lumens&Percent: 19.861lm 2.46%
Tested Power(W): 8.928	Max. Candela(cd): 1890.024	S/MH: C0_a180=0.412 C90_270=0.408
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.3, 0.040, 0.913	Beam Angle(50%Imax): 24.5(°)	ErP Φ use(90°): 734.874lm
Lamp Size(W*L*H):0.050m*0.050m*0.060m	Left=-11.9°, Right=12.6°	IRF(%): 519.518



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-09-XX-02 3000K RA90 25D	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: 2019/11/20



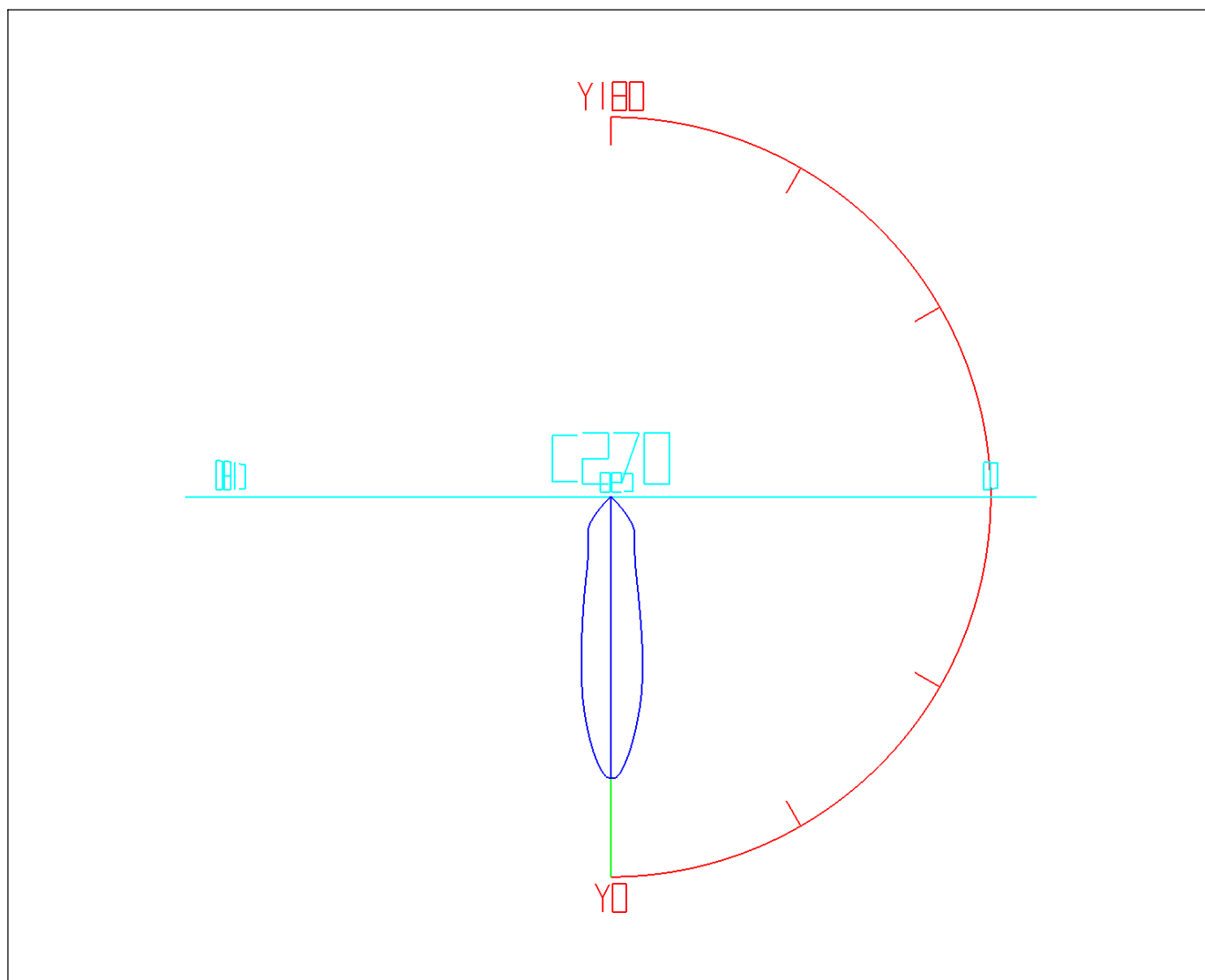
# IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 25D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: MD10-09-XX-02 3000K RA90 25D	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: 2019/11/20

## 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	1.80	1.80	0.22	0.22	47.0-48.0	3.37	740.81	0.42	91.91
1.0-2.0	5.32	7.12	0.66	0.88	48.0-49.0	2.75	743.56	0.34	92.25
2.0-3.0	8.65	15.77	1.07	1.96	49.0-50.0	2.38	745.94	0.30	92.55
3.0-4.0	11.71	27.48	1.45	3.41	50.0-51.0	2.16	748.10	0.27	92.82
4.0-5.0	14.45	41.93	1.79	5.20	51.0-52.0	2.01	750.11	0.25	93.07
5.0-6.0	16.82	58.75	2.09	7.29	52.0-53.0	1.88	752.00	0.23	93.30
6.0-7.0	18.82	77.58	2.34	9.62	53.0-54.0	1.76	753.76	0.22	93.52
7.0-8.0	20.42	98.00	2.53	12.16	54.0-55.0	1.66	755.42	0.21	93.73
8.0-9.0	21.58	119.57	2.68	14.84	55.0-56.0	1.57	757.00	0.20	93.92
9.0-10.0	22.24	141.81	2.76	17.59	56.0-57.0	1.49	758.49	0.19	94.11
10.0-11.0	22.44	164.25	2.78	20.38	57.0-58.0	1.42	759.91	0.18	94.28
11.0-12.0	22.26	186.51	2.76	23.14	58.0-59.0	1.35	761.26	0.17	94.45
12.0-13.0	21.81	208.33	2.71	25.85	59.0-60.0	1.29	762.54	0.16	94.61
13.0-14.0	21.19	229.51	2.63	28.48	60.0-61.0	1.23	763.77	0.15	94.76
14.0-15.0	20.48	250.00	2.54	31.02	61.0-62.0	1.18	764.95	0.15	94.91
15.0-16.0	19.75	269.75	2.45	33.47	62.0-63.0	1.13	766.08	0.14	95.05
16.0-17.0	19.05	288.80	2.36	35.83	63.0-64.0	1.09	767.17	0.14	95.18
17.0-18.0	18.41	307.21	2.28	38.12	64.0-65.0	1.05	768.22	0.13	95.31
18.0-19.0	17.90	325.11	2.22	40.34	65.0-66.0	1.02	769.24	0.13	95.44
19.0-20.0	17.54	342.65	2.18	42.51	66.0-67.0	0.99	770.23	0.12	95.56
20.0-21.0	17.29	359.95	2.15	44.66	67.0-68.0	0.96	771.20	0.12	95.68
21.0-22.0	17.14	377.09	2.13	46.79	68.0-69.0	0.93	772.13	0.12	95.80
22.0-23.0	17.06	394.15	2.12	48.90	69.0-70.0	0.91	773.04	0.11	95.91
23.0-24.0	17.03	411.17	2.11	51.01	70.0-71.0	0.88	773.92	0.11	96.02
24.0-25.0	17.02	428.20	2.11	53.13	71.0-72.0	0.86	774.77	0.11	96.13
25.0-26.0	17.03	445.23	2.11	55.24	72.0-73.0	0.83	775.60	0.10	96.23
26.0-27.0	17.05	462.28	2.12	57.35	73.0-74.0	0.81	776.41	0.10	96.33
27.0-28.0	17.07	479.34	2.12	59.47	74.0-75.0	0.78	777.19	0.10	96.43
28.0-29.0	17.08	496.42	2.12	61.59	75.0-76.0	0.76	777.96	0.09	96.52
29.0-30.0	17.08	513.50	2.12	63.71	76.0-77.0	0.74	778.70	0.09	96.61
30.0-31.0	17.08	530.58	2.12	65.83	77.0-78.0	0.72	779.42	0.09	96.70
31.0-32.0	17.07	547.65	2.12	67.95	78.0-79.0	0.71	780.14	0.09	96.79
32.0-33.0	17.05	564.70	2.12	70.06	79.0-80.0	0.70	780.84	0.09	96.88
33.0-34.0	17.01	581.70	2.11	72.17	80.0-81.0	0.69	781.52	0.09	96.96
34.0-35.0	16.93	598.63	2.10	74.27	81.0-82.0	0.66	782.19	0.08	97.05
35.0-36.0	16.78	615.42	2.08	76.35	82.0-83.0	0.64	782.82	0.08	97.12
36.0-37.0	16.48	631.90	2.04	78.40	83.0-84.0	0.60	783.43	0.07	97.20
37.0-38.0	15.96	647.86	1.98	80.38	84.0-85.0	0.57	783.99	0.07	97.27
38.0-39.0	15.18	663.04	1.88	82.26	85.0-86.0	0.52	784.51	0.06	97.33
39.0-40.0	14.16	677.21	1.76	84.02	86.0-87.0	0.47	784.98	0.06	97.39
40.0-41.0	12.96	690.16	1.61	85.63	87.0-88.0	0.42	785.41	0.05	97.45
41.0-42.0	11.61	701.77	1.44	87.07	88.0-89.0	0.38	785.79	0.05	97.49
42.0-43.0	10.14	711.91	1.26	88.33	89.0-90.0	0.35	786.14	0.04	97.54
43.0-44.0	8.59	720.50	1.07	89.39	90.0-91.0	0.33	786.47	0.04	97.58
44.0-45.0	7.04	727.54	0.87	90.27	91.0-92.0	0.32	786.80	0.04	97.62
45.0-46.0	5.58	733.12	0.69	90.96	92.0-93.0	0.32	787.11	0.04	97.66
46.0-47.0	4.32	737.44	0.54	91.49	93.0-94.0	0.31	787.42	0.04	97.69

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	787.72	0.04	97.73	141.0-142.0	0.27	799.23	0.03	99.16
95.0-96.0	0.29	788.01	0.04	97.77	142.0-143.0	0.27	799.50	0.03	99.19
96.0-97.0	0.28	788.30	0.04	97.80	143.0-144.0	0.27	799.77	0.03	99.23
97.0-98.0	0.28	788.58	0.03	97.84	144.0-145.0	0.27	800.05	0.03	99.26
98.0-99.0	0.27	788.85	0.03	97.87	145.0-146.0	0.27	800.32	0.03	99.30
99.0-100.0	0.27	789.11	0.03	97.91	146.0-147.0	0.27	800.59	0.03	99.33
100.0-101.0	0.26	789.38	0.03	97.94	147.0-148.0	0.27	800.86	0.03	99.36
101.0-102.0	0.26	789.63	0.03	97.97	148.0-149.0	0.27	801.13	0.03	99.40
102.0-103.0	0.25	789.88	0.03	98.00	149.0-150.0	0.27	801.39	0.03	99.43
103.0-104.0	0.25	790.13	0.03	98.03	150.0-151.0	0.26	801.66	0.03	99.46
104.0-105.0	0.25	790.38	0.03	98.06	151.0-152.0	0.26	801.91	0.03	99.49
105.0-106.0	0.24	790.62	0.03	98.09	152.0-153.0	0.25	802.17	0.03	99.52
106.0-107.0	0.24	790.86	0.03	98.12	153.0-154.0	0.25	802.42	0.03	99.56
107.0-108.0	0.24	791.10	0.03	98.15	154.0-155.0	0.24	802.66	0.03	99.59
108.0-109.0	0.23	791.33	0.03	98.18	155.0-156.0	0.24	802.90	0.03	99.62
109.0-110.0	0.23	791.56	0.03	98.21	156.0-157.0	0.23	803.13	0.03	99.64
110.0-111.0	0.23	791.80	0.03	98.24	157.0-158.0	0.23	803.36	0.03	99.67
111.0-112.0	0.23	792.03	0.03	98.27	158.0-159.0	0.22	803.58	0.03	99.70
112.0-113.0	0.23	792.25	0.03	98.29	159.0-160.0	0.21	803.79	0.03	99.73
113.0-114.0	0.23	792.48	0.03	98.32	160.0-161.0	0.20	803.99	0.03	99.75
114.0-115.0	0.23	792.71	0.03	98.35	161.0-162.0	0.20	804.19	0.02	99.78
115.0-116.0	0.23	792.94	0.03	98.38	162.0-163.0	0.19	804.37	0.02	99.80
116.0-117.0	0.23	793.16	0.03	98.41	163.0-164.0	0.18	804.55	0.02	99.82
117.0-118.0	0.23	793.39	0.03	98.44	164.0-165.0	0.17	804.72	0.02	99.84
118.0-119.0	0.23	793.62	0.03	98.46	165.0-166.0	0.16	804.88	0.02	99.86
119.0-120.0	0.23	793.84	0.03	98.49	166.0-167.0	0.15	805.03	0.02	99.88
120.0-121.0	0.23	794.07	0.03	98.52	167.0-168.0	0.14	805.17	0.02	99.90
121.0-122.0	0.23	794.30	0.03	98.55	168.0-169.0	0.13	805.30	0.02	99.91
122.0-123.0	0.23	794.53	0.03	98.58	169.0-170.0	0.12	805.42	0.01	99.93
123.0-124.0	0.23	794.76	0.03	98.60	170.0-171.0	0.11	805.53	0.01	99.94
124.0-125.0	0.23	794.99	0.03	98.63	171.0-172.0	0.10	805.63	0.01	99.95
125.0-126.0	0.23	795.22	0.03	98.66	172.0-173.0	0.09	805.72	0.01	99.96
126.0-127.0	0.23	795.45	0.03	98.69	173.0-174.0	0.08	805.79	0.01	99.97
127.0-128.0	0.23	795.68	0.03	98.72	174.0-175.0	0.06	805.85	0.01	99.98
128.0-129.0	0.24	795.92	0.03	98.75	175.0-176.0	0.05	805.91	0.01	99.99
129.0-130.0	0.24	796.16	0.03	98.78	176.0-177.0	0.04	805.95	0.01	99.99
130.0-131.0	0.24	796.40	0.03	98.81	177.0-178.0	0.03	805.98	0.00	100.00
131.0-132.0	0.24	796.64	0.03	98.84	178.0-179.0	0.02	806.00	0.00	100.00
132.0-133.0	0.25	796.89	0.03	98.87	179.0-180.0	0.01	806.00	0.00	100.00
133.0-134.0	0.25	797.14	0.03	98.90					
134.0-135.0	0.25	797.39	0.03	98.93					
135.0-136.0	0.25	797.64	0.03	98.96					
136.0-137.0	0.26	797.90	0.03	99.00					
137.0-138.0	0.26	798.16	0.03	99.03					
138.0-139.0	0.26	798.42	0.03	99.06					
139.0-140.0	0.27	798.69	0.03	99.09					
140.0-141.0	0.27	798.96	0.03	99.13					

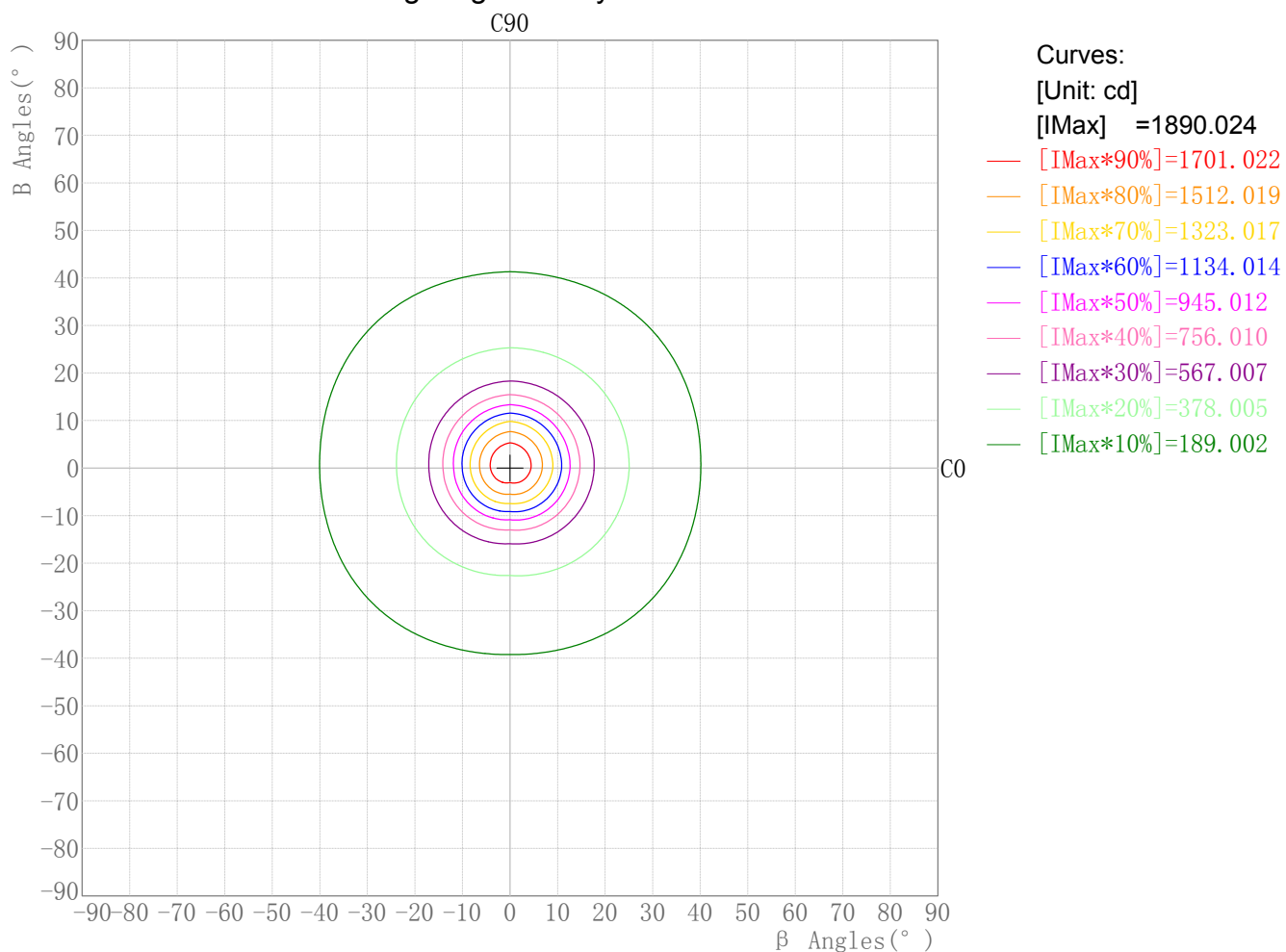
# IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 25D.IES

## Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-09-XX-02 3000K RA90 25D	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: 2019/11/20

### ISO Lighting Intensity Curve



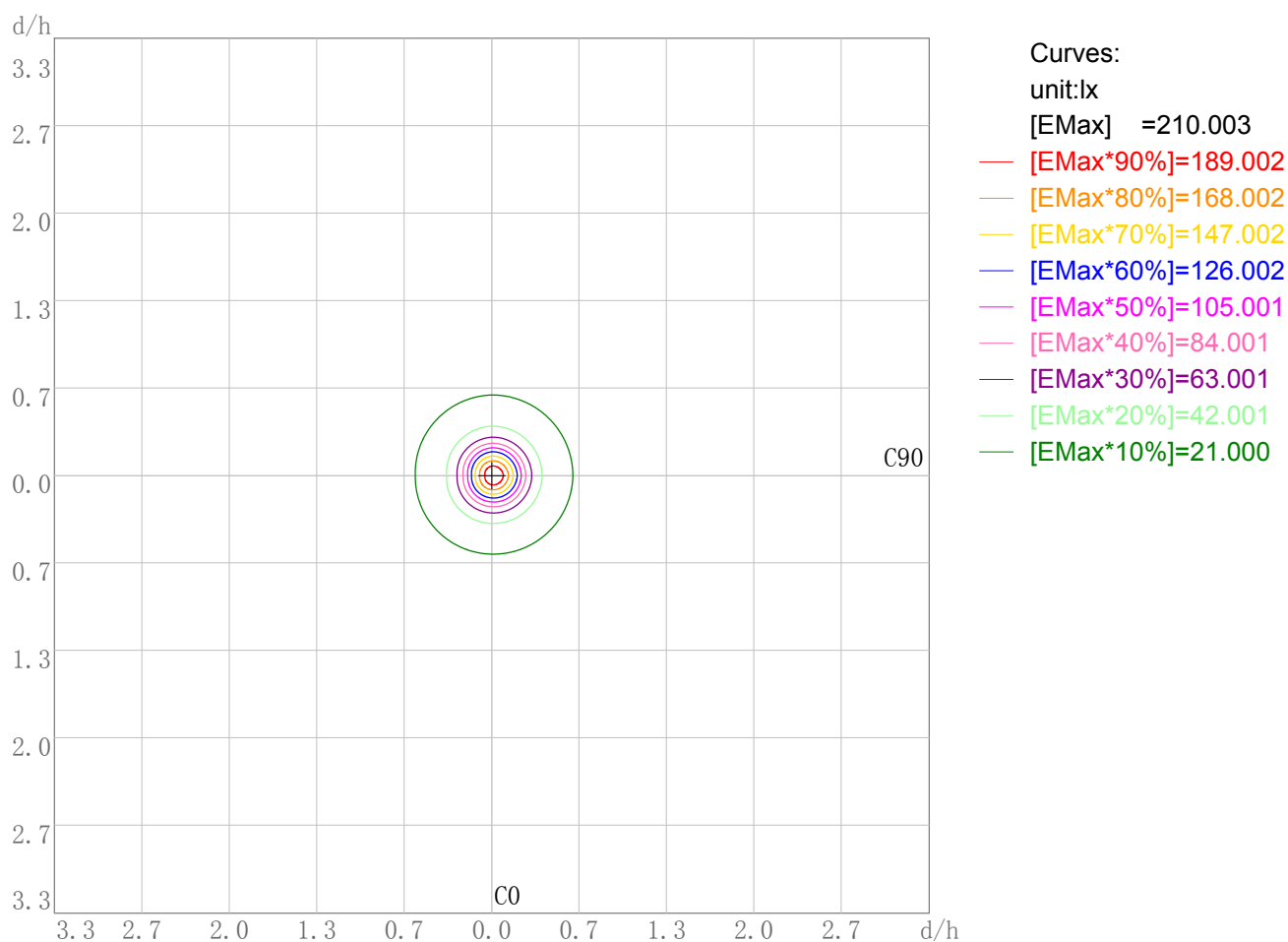
Maximum Light Intensity(cd): 1890.02

Maximum Cand.@Angle: H=0.0°,V=0.0°

## Plane ISO-Illuminance Diagram

Lum. Name: MD10-09-XX-02 3000K RA90 25D	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: 2019/11/20

## Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

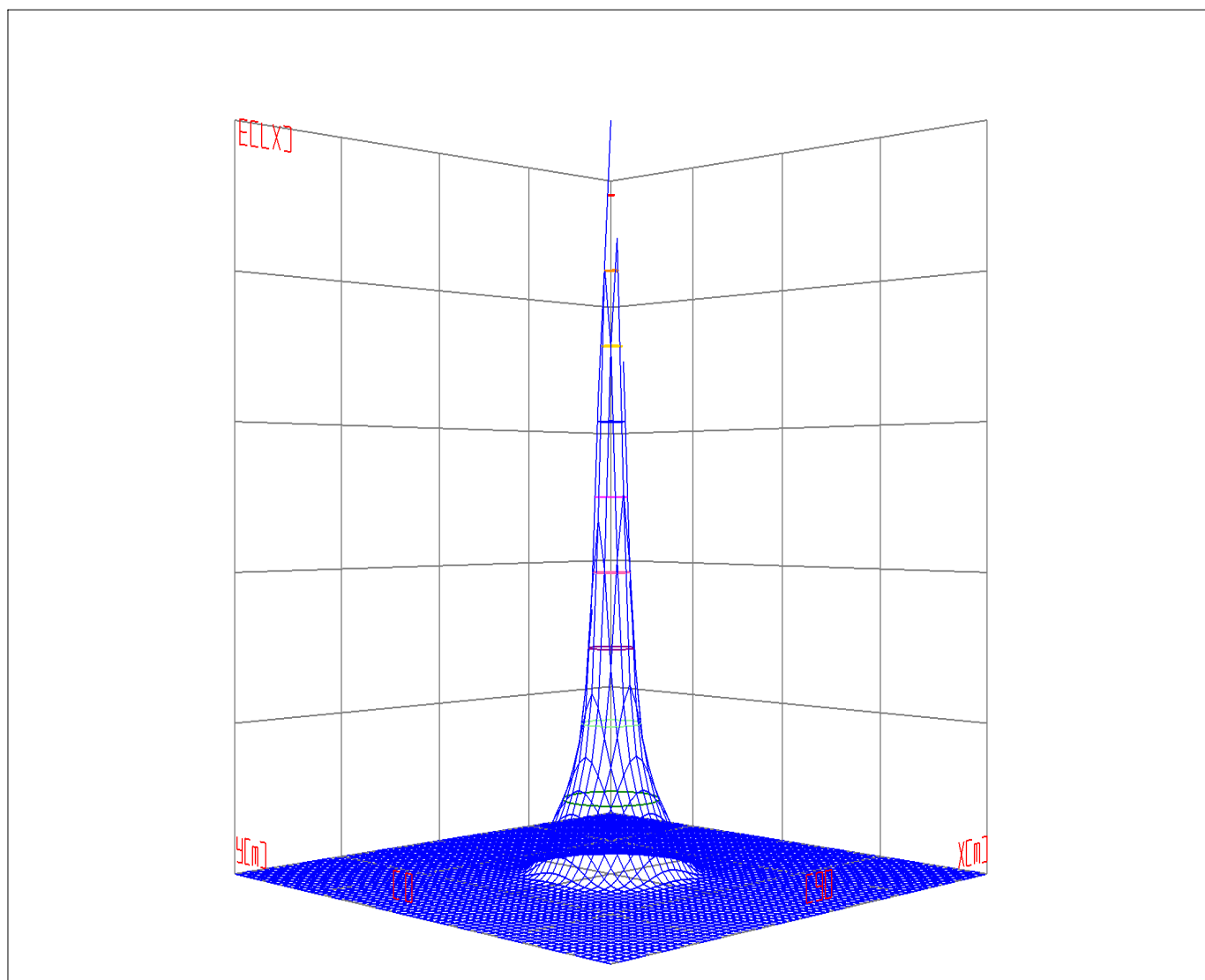
Working Plane Maximum Illuminance(lx): 210.00

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

### 3D Plane ISO Illuminance Diagram

Lum. Name: MD10-09-XX-02 3000K RA90 25D	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: 2019/11/20

### 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



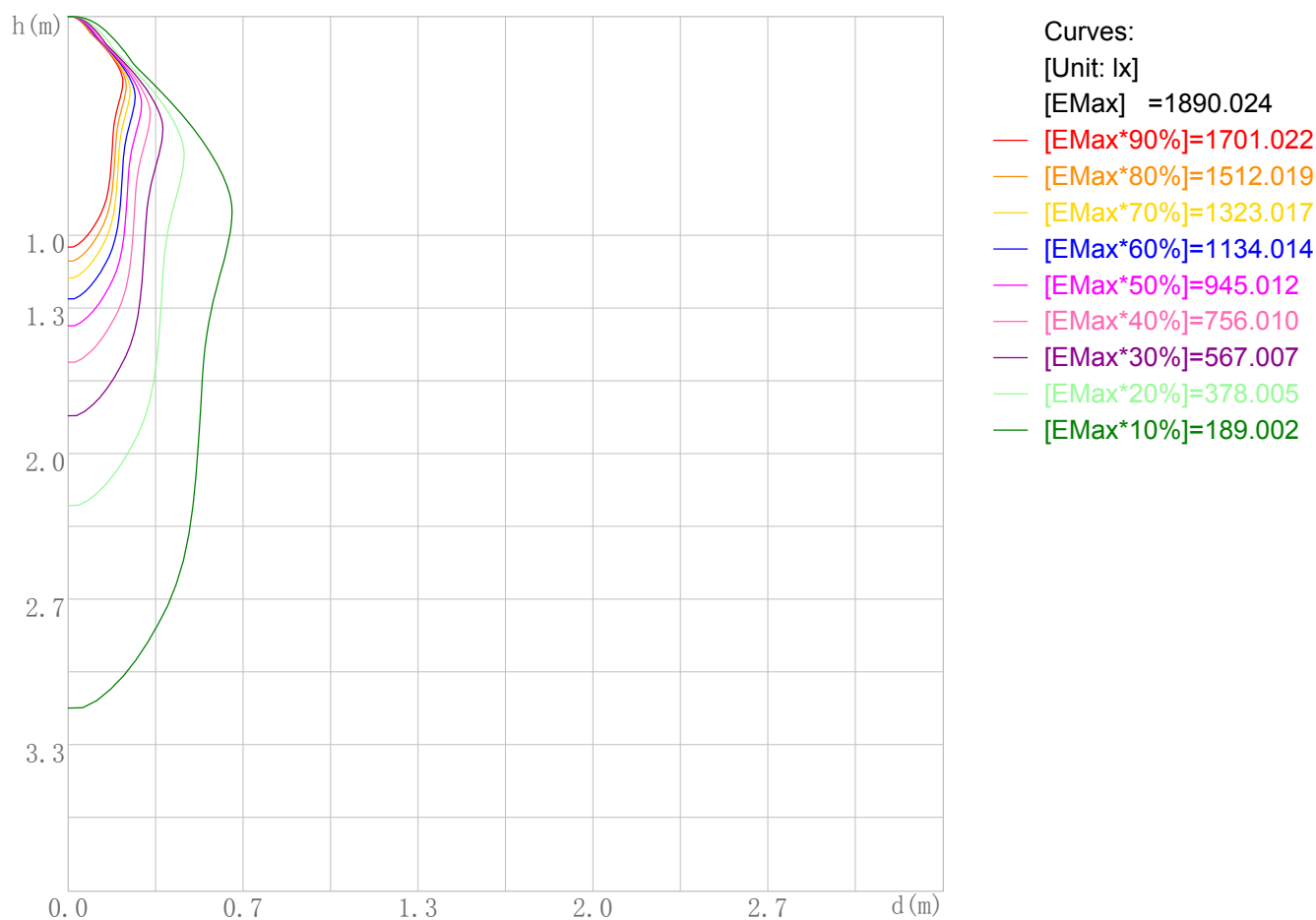
# IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 25D.IES

## Space ISO Illuminance Diagram

Lum. Name: MD10-09-XX-02 3000K RA90 25D	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: 2019/11/20

## Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1890.02lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:1890.024cd,0deg

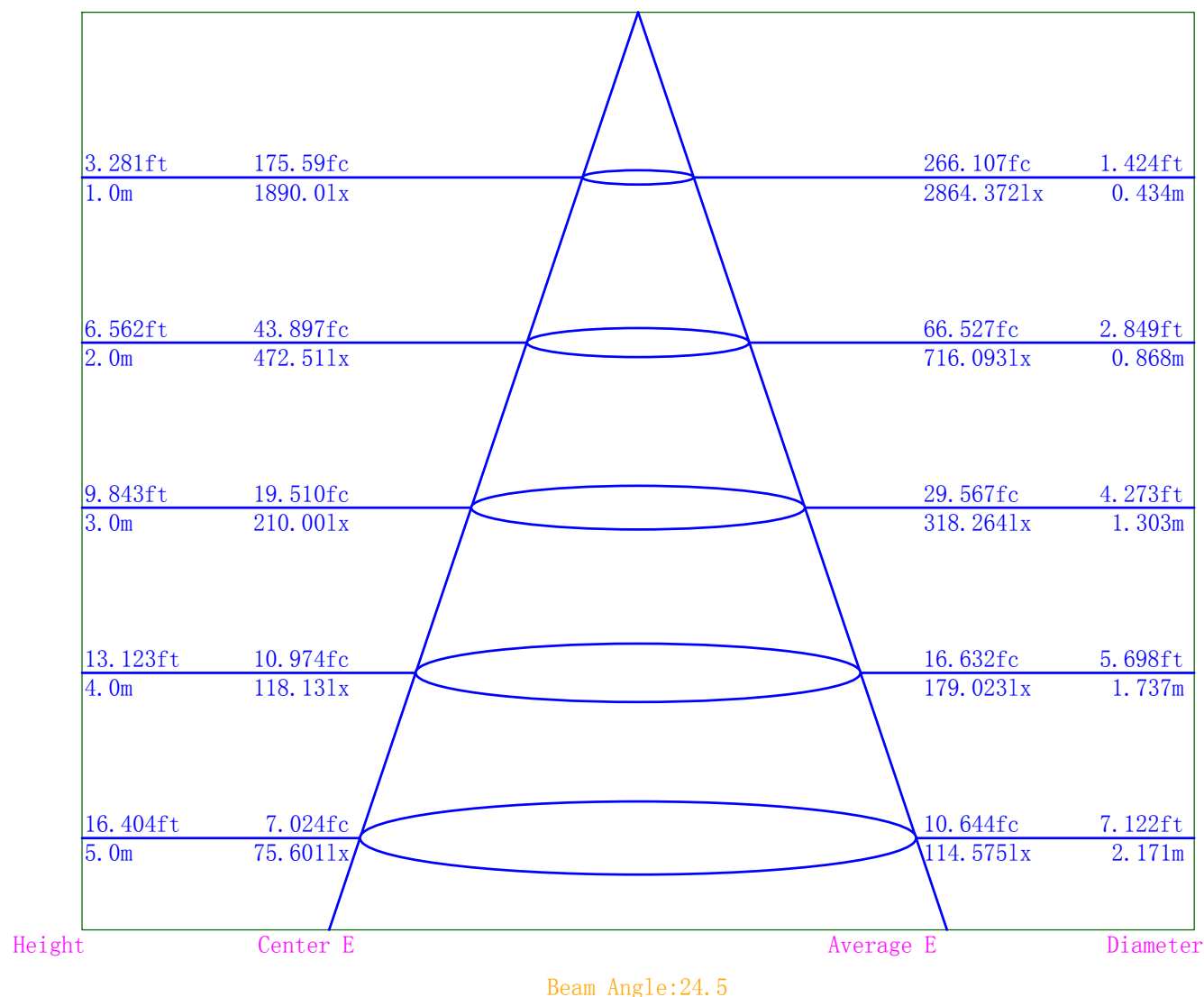
# IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 25D.IES

## Illuminance-Distance Diagram

Lum. Name: MD10-09-XX-02 3000K RA90 25D	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: 2019/11/20

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 25D.IES

## Indoor Luminance Limiting Curves

Lum. Name: MD10-09-XX-02 3000K RA90 25D	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: 2019/11/20

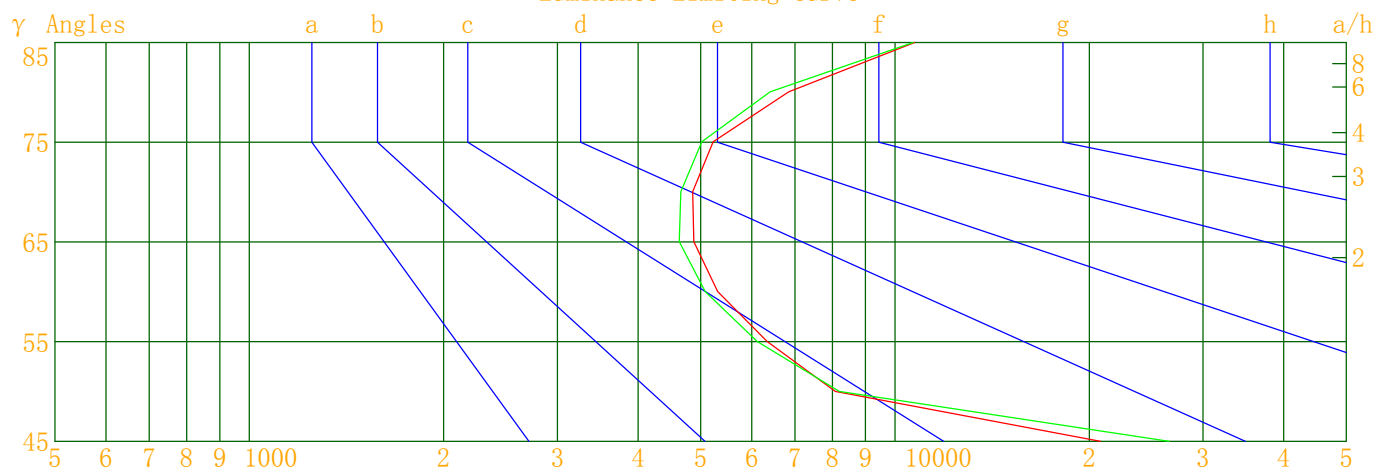
Glare Grade Table

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	20822	8085	6339	5314	4880	4859	5229	6845	10721
C90	26600	8199	6117	5082	4633	4659	5023	6409	10666

Luminance Limiting Curve



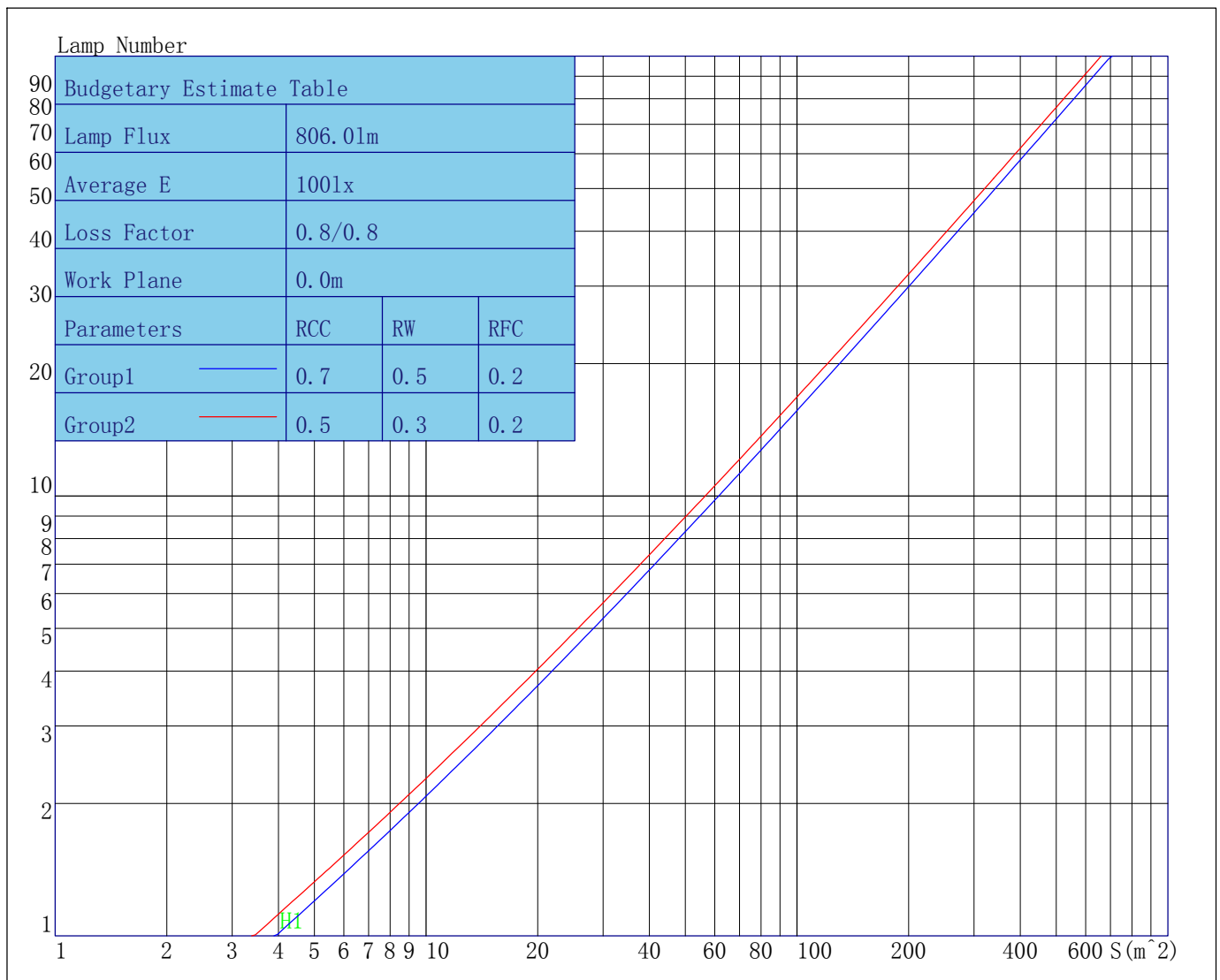
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.060 Area(m<sup>2</sup>)=0.005500  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 25D.IES

## Indoor Budgetary Estimate Table

Lum. Name: MD10-09-XX-02 3000K RA90 25D	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: 2019/11/20



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

Indoor Coefficient of Utilization Table

Lum. Name: MD10-09-XX-02 3000K RA90 25D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/20

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	118	118	118	118	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	112	109	107	104	110	107	105	102	103	101	99	98	97	95	95	93	92	90
2	107	101	97	94	104	100	96	92	96	93	90	93	90	88	89	87	86	84
3	101	94	89	85	99	93	88	84	90	86	83	87	84	81	85	82	79	78
4	96	88	83	78	94	87	82	78	84	80	76	82	78	75	80	77	74	72
5	91	83	77	72	89	82	76	72	79	75	71	78	73	70	76	72	69	68
6	87	78	72	67	85	77	71	67	75	70	66	73	69	66	72	68	65	64
7	83	73	67	63	81	73	67	63	71	66	62	70	65	62	68	64	61	60
8	79	69	63	59	77	69	63	59	67	62	59	66	62	58	65	61	58	56
9	75	66	60	56	74	65	60	56	64	59	55	63	58	55	62	58	55	53
10	72	63	57	53	71	62	57	53	61	56	53	60	56	52	59	55	52	51

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	1890.02	1890.02	1890.02	1890.02
γ 1.0	1888.95	1889.84	1879.16	1829.80
γ 2.0	1852.04	1881.86	1837.02	1771.91
γ 3.0	1795.41	1846.21	1778.50	1705.50
γ 4.0	1730.37	1794.11	1710.21	1633.79
γ 5.0	1656.01	1725.08	1630.49	1554.02
γ 6.0	1576.71	1649.57	1546.31	1466.76
γ 7.0	1494.69	1567.92	1456.77	1370.43
γ 8.0	1413.37	1487.10	1360.30	1263.62
γ 9.0	1323.38	1400.05	1252.65	1148.02
γ 10.0	1225.09	1305.60	1139.64	1035.46
γ 11.0	1119.01	1195.31	1031.34	931.56
γ 12.0	1010.18	1086.37	932.10	839.63
γ 13.0	906.08	978.64	842.73	756.27
γ 14.0	812.83	879.71	762.27	682.95
γ 15.0	731.39	791.00	690.80	616.72
γ 16.0	661.83	712.20	626.41	562.07
γ 17.0	602.10	642.50	570.15	515.41
γ 18.0	552.41	582.76	523.55	478.25
γ 19.0	512.30	533.53	485.68	447.98
γ 20.0	480.06	494.97	454.61	424.05
γ 21.0	452.70	463.18	429.22	403.79
γ 22.0	430.09	437.54	408.45	386.95
γ 23.0	410.30	416.10	390.93	371.63
γ 24.0	393.73	398.29	376.02	358.06
γ 25.0	378.97	382.17	361.68	345.63
γ 26.0	365.07	368.99	349.15	334.18
γ 27.0	353.09	355.90	337.59	323.42
γ 28.0	342.10	344.26	326.58	313.71
γ 29.0	331.41	333.10	316.09	303.97
γ 30.0	320.97	323.07	306.60	295.07
γ 31.0	311.18	313.35	297.43	286.87
γ 32.0	302.19	304.27	289.02	278.83
γ 33.0	292.77	295.15	281.33	271.22
γ 34.0	283.15	286.80	272.93	264.38
γ 35.0	273.41	278.91	264.68	256.39
γ 36.0	262.09	270.94	255.65	246.25
γ 37.0	248.30	262.18	243.98	232.13
γ 38.0	231.81	250.68	228.99	214.90
γ 39.0	212.71	235.71	210.54	193.86
γ 40.0	191.99	217.48	189.98	172.09
γ 41.0	170.31	196.03	168.19	149.28
γ 42.0	148.32	173.56	145.72	126.49
γ 43.0	125.11	150.16	123.01	102.42
γ 44.0	102.57	126.81	100.59	79.93
γ 45.0	80.98	103.45	79.29	59.50
γ 46.0	62.01	81.64	60.04	43.46

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	47.34	62.00	44.61	33.16
γ 48.0	36.99	46.26	34.78	28.30
γ 49.0	31.44	35.28	29.01	25.86
γ 50.0	28.58	28.99	25.48	23.80
γ 51.0	26.65	26.07	22.83	21.93
γ 52.0	24.80	24.31	20.72	20.35
γ 53.0	23.07	22.38	18.62	18.95
γ 54.0	21.41	20.71	17.12	17.77
γ 55.0	20.00	19.30	16.04	16.68
γ 56.0	18.75	17.96	15.01	15.55
γ 57.0	17.58	16.85	14.09	14.71
γ 58.0	16.49	15.73	13.34	13.86
γ 59.0	15.53	14.81	12.61	13.09
γ 60.0	14.61	13.98	11.91	12.38
γ 61.0	13.78	13.23	11.31	11.75
γ 62.0	13.05	12.49	10.79	11.23
γ 63.0	12.40	11.80	10.38	10.79
γ 64.0	11.85	11.25	10.00	10.37
γ 65.0	11.34	10.77	9.66	10.00
γ 66.0	10.86	10.31	9.34	9.66
γ 67.0	10.40	9.89	9.04	9.33
γ 68.0	9.95	9.50	8.76	9.04
γ 69.0	9.54	9.11	8.50	8.76
γ 70.0	9.14	8.77	8.29	8.49
γ 71.0	8.76	8.41	8.05	8.25
γ 72.0	8.39	8.06	7.85	8.03
γ 73.0	8.07	7.73	7.63	7.81
γ 74.0	7.74	7.43	7.44	7.58
γ 75.0	7.44	7.15	7.22	7.35
γ 76.0	7.16	6.88	7.03	7.15
γ 77.0	6.94	6.63	6.86	6.98
γ 78.0	6.78	6.39	6.74	6.83
γ 79.0	6.65	6.26	6.68	6.76
γ 80.0	6.54	6.12	6.57	6.41
γ 81.0	6.33	6.04	6.32	6.36
γ 82.0	6.08	5.83	6.19	5.85
γ 83.0	5.82	5.65	5.79	5.68
γ 84.0	5.41	5.34	5.45	5.21
γ 85.0	5.14	5.11	5.03	4.74
γ 86.0	4.67	4.57	4.55	4.32
γ 87.0	4.26	4.23	3.95	3.85
γ 88.0	3.94	3.81	3.29	3.54
γ 89.0	3.53	3.38	2.93	3.44
γ 90.0	3.36	2.84	2.85	3.34
γ 91.0	3.27	2.69	2.76	3.24
γ 92.0	3.19	2.62	2.69	3.15
γ 93.0	3.11	2.56	2.64	3.08



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	3.03	2.50	2.56	3.00
γ 95.0	2.97	2.43	2.49	2.93
γ 96.0	2.90	2.38	2.44	2.86
γ 97.0	2.83	2.33	2.39	2.80
γ 98.0	2.78	2.29	2.34	2.74
γ 99.0	2.72	2.24	2.29	2.69
γ 100.0	2.67	2.20	2.25	2.64
γ 101.0	2.63	2.17	2.22	2.60
γ 102.0	2.59	2.14	2.19	2.57
γ 103.0	2.56	2.11	2.16	2.54
γ 104.0	2.52	2.09	2.15	2.51
γ 105.0	2.50	2.07	2.13	2.49
γ 106.0	2.47	2.06	2.11	2.47
γ 107.0	2.46	2.05	2.11	2.46
γ 108.0	2.44	2.04	2.10	2.46
γ 109.0	2.43	2.03	2.11	2.45
γ 110.0	2.42	2.02	2.12	2.44
γ 111.0	2.42	2.03	2.12	2.45
γ 112.0	2.41	2.03	2.14	2.46
γ 113.0	2.39	2.03	2.16	2.47
γ 114.0	2.40	2.05	2.18	2.49
γ 115.0	2.41	2.05	2.20	2.51
γ 116.0	2.41	2.06	2.23	2.51
γ 117.0	2.41	2.06	2.25	2.54
γ 118.0	2.42	2.08	2.28	2.57
γ 119.0	2.44	2.10	2.32	2.59
γ 120.0	2.45	2.12	2.36	2.62
γ 121.0	2.47	2.15	2.39	2.65
γ 122.0	2.49	2.17	2.44	2.69
γ 123.0	2.52	2.20	2.49	2.72
γ 124.0	2.56	2.24	2.53	2.78
γ 125.0	2.59	2.27	2.58	2.81
γ 126.0	2.64	2.32	2.64	2.87
γ 127.0	2.68	2.36	2.71	2.92
γ 128.0	2.73	2.41	2.76	2.98
γ 129.0	2.79	2.47	2.83	3.05
γ 130.0	2.85	2.53	2.91	3.11
γ 131.0	2.90	2.60	2.98	3.20
γ 132.0	2.98	2.67	3.07	3.27
γ 133.0	3.07	2.75	3.15	3.36
γ 134.0	3.14	2.83	3.25	3.46
γ 135.0	3.23	2.92	3.35	3.55
γ 136.0	3.32	3.01	3.46	3.66
γ 137.0	3.42	3.11	3.57	3.77
γ 138.0	3.52	3.22	3.68	3.87
γ 139.0	3.62	3.31	3.80	3.98
γ 140.0	3.73	3.44	3.91	4.09

# IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 25D.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.84	3.55	4.02	4.20
γ 142.0	3.95	3.66	4.14	4.29
γ 143.0	4.05	3.77	4.24	4.41
γ 144.0	4.16	3.88	4.36	4.51
γ 145.0	4.26	4.00	4.47	4.62
γ 146.0	4.37	4.10	4.57	4.71
γ 147.0	4.47	4.21	4.67	4.79
γ 148.0	4.57	4.32	4.77	4.88
γ 149.0	4.66	4.42	4.85	4.96
γ 150.0	4.75	4.51	4.95	5.05
γ 151.0	4.85	4.60	5.02	5.11
γ 152.0	4.93	4.69	5.09	5.17
γ 153.0	5.02	4.79	5.17	5.25
γ 154.0	5.10	4.86	5.24	5.31
γ 155.0	5.19	4.95	5.31	5.37
γ 156.0	5.26	5.03	5.38	5.43
γ 157.0	5.34	5.11	5.45	5.50
γ 158.0	5.41	5.17	5.52	5.55
γ 159.0	5.49	5.24	5.58	5.60
γ 160.0	5.55	5.31	5.65	5.65
γ 161.0	5.62	5.38	5.69	5.69
γ 162.0	5.68	5.44	5.74	5.74
γ 163.0	5.74	5.50	5.80	5.79
γ 164.0	5.78	5.58	5.84	5.82
γ 165.0	5.84	5.62	5.89	5.85
γ 166.0	5.89	5.69	5.94	5.89
γ 167.0	5.94	5.74	5.97	5.92
γ 168.0	5.97	5.79	6.01	5.95
γ 169.0	6.01	5.82	6.03	5.97
γ 170.0	6.05	5.86	6.07	5.99
γ 171.0	6.09	5.89	6.09	6.01
γ 172.0	6.11	5.93	6.11	6.02
γ 173.0	6.14	5.96	6.13	6.05
γ 174.0	6.15	5.98	6.15	6.06
γ 175.0	6.16	6.01	6.18	6.08
γ 176.0	6.19	6.03	6.19	6.09
γ 177.0	6.20	6.05	6.20	6.12
γ 178.0	6.21	6.07	6.22	6.14
γ 179.0	6.22	6.09	6.24	6.15
γ 180.0	6.20	6.20	6.20	6.20