

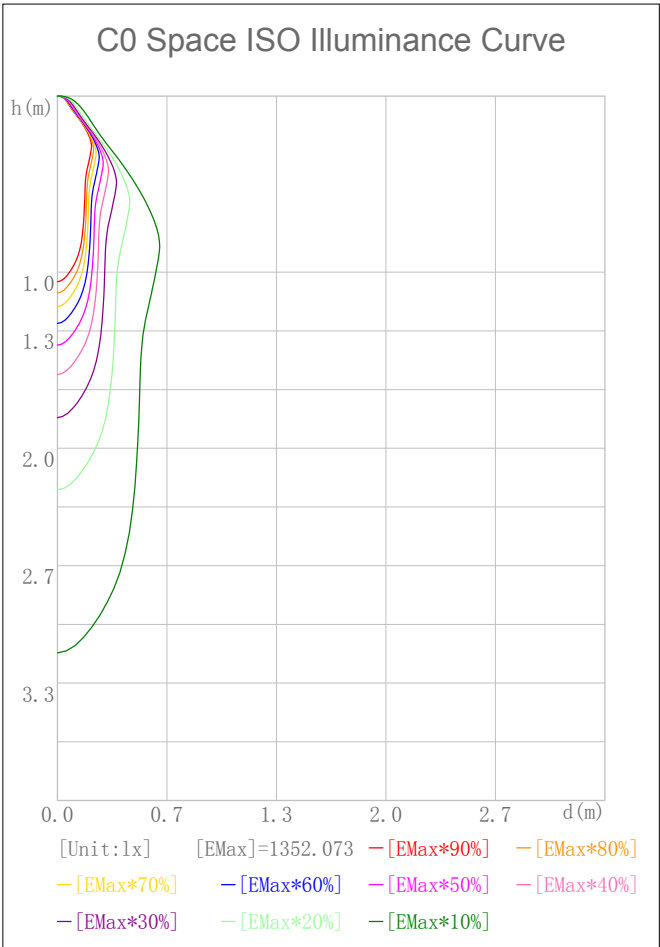
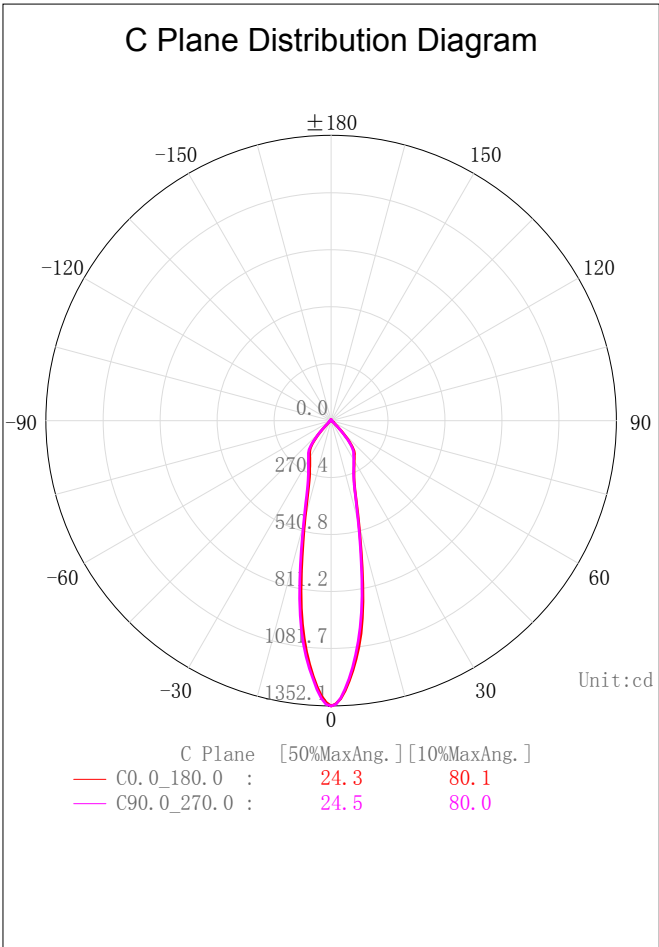
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-06-XX-02 4000K RA90 25D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/11/19
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): 564.890	Luminary Flux(lm): 564.894	Field Angle(10%Imax): 80.1(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 550.387lm 97.43%
Rated Voltage(V):	Luminary EER(lm/W): 102.225	Up Lumens&Percent: 14.508lm 2.57%
Tested Power(W): 5.526	Max. Candela(cd): 1352.073	S/MH: C0_a180=0.409 C90_270=0.413
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.4, 0.026, 0.868	Beam Angle(50%Imax): 24.3(°)	ErP Φ use(90°): 505.155lm
Lamp Size(W*L*H):0.050m*0.050m*0.450m	Left=-11.8°, Right=12.5°	IRF(%): 515.045



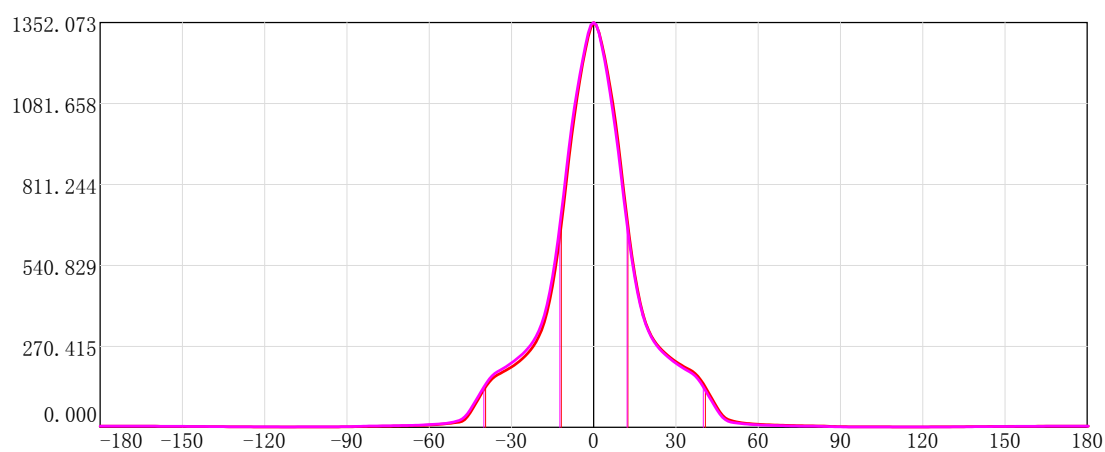
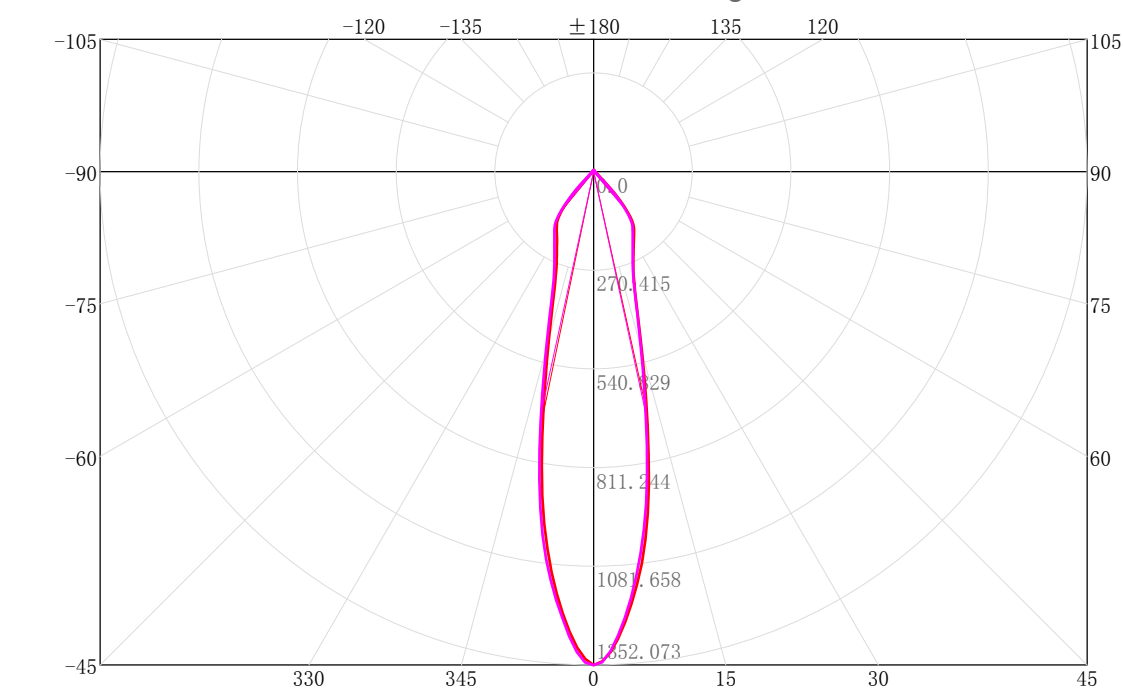
IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 25D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-06-XX-02 4000K 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: 2019/11/19

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
— C0.0_180.0 : 24.3 80.1
— C90.0_270.0 : 24.5 80.0

Unit:cd

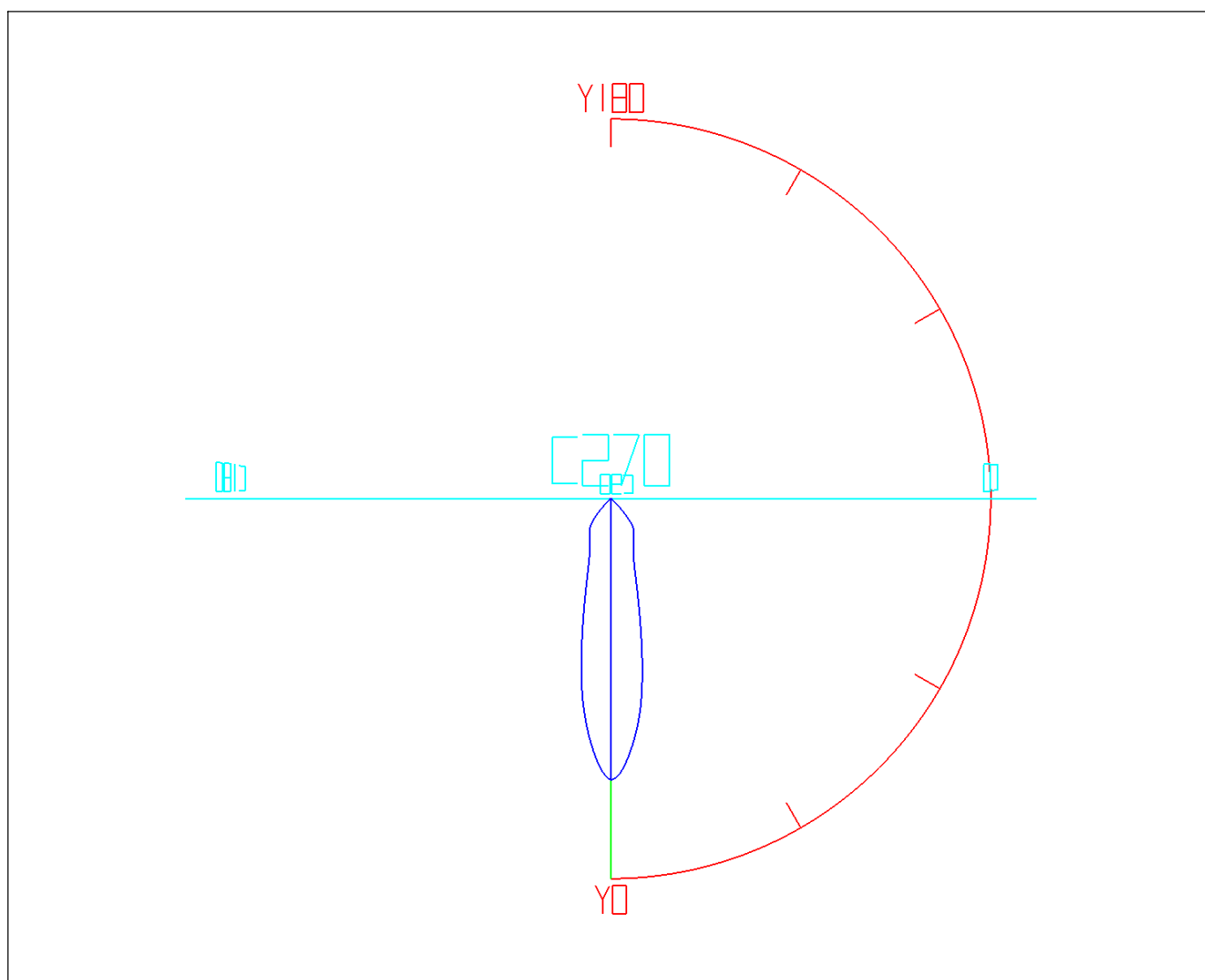
IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 25D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-06-XX-02 4000K 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: 2019/11/19

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

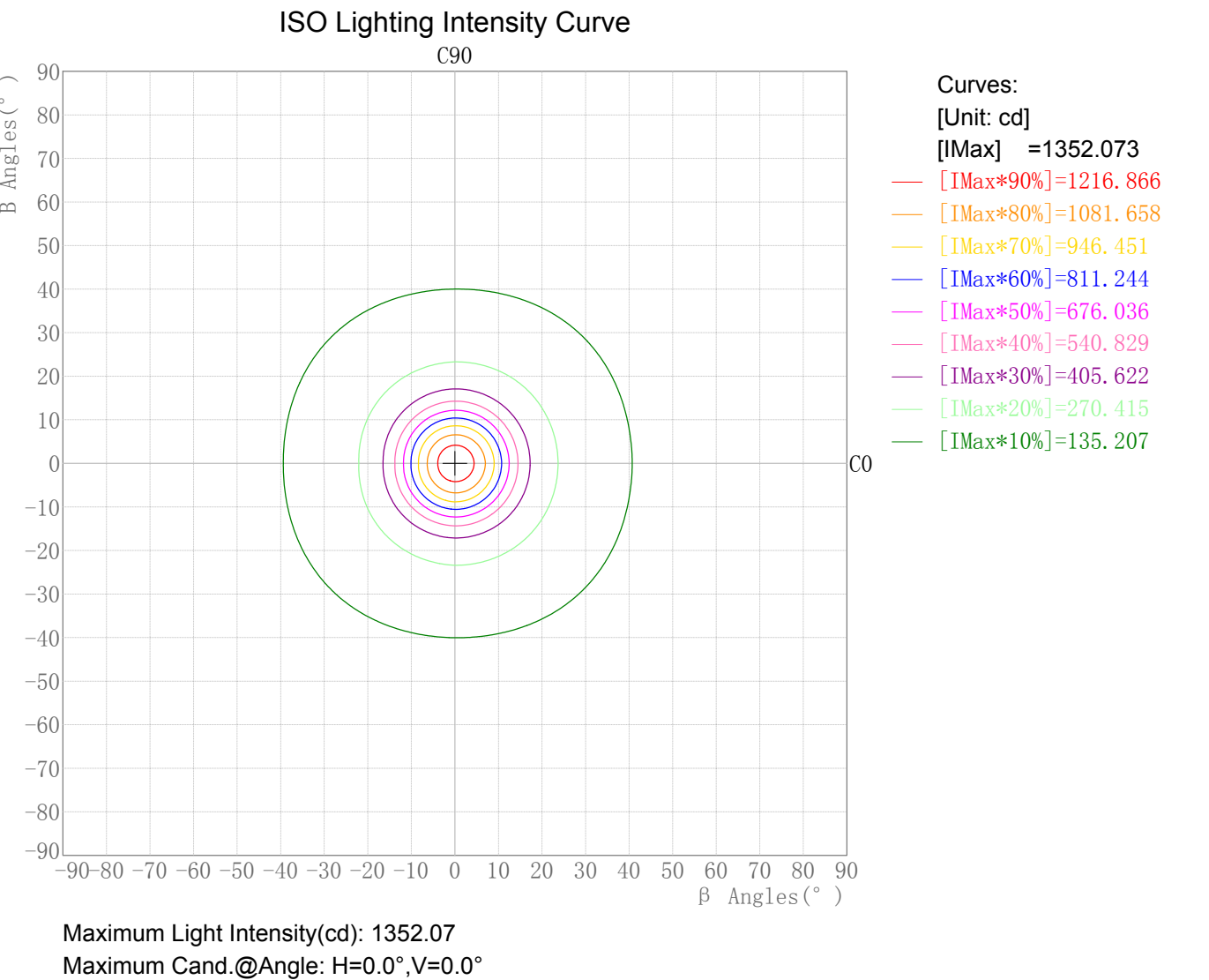
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.29	1.29	0.23	0.23	47.0-48.0	2.46	518.51	0.43	91.79
1.0-2.0	3.81	5.10	0.67	0.90	48.0-49.0	2.01	520.52	0.36	92.15
2.0-3.0	6.19	11.29	1.10	2.00	49.0-50.0	1.75	522.27	0.31	92.46
3.0-4.0	8.36	19.65	1.48	3.48	50.0-51.0	1.57	523.84	0.28	92.73
4.0-5.0	10.33	29.98	1.83	5.31	51.0-52.0	1.44	525.29	0.26	92.99
5.0-6.0	12.06	42.04	2.14	7.44	52.0-53.0	1.33	526.62	0.24	93.23
6.0-7.0	13.54	55.58	2.40	9.84	53.0-54.0	1.24	527.86	0.22	93.45
7.0-8.0	14.73	70.32	2.61	12.45	54.0-55.0	1.16	529.03	0.21	93.65
8.0-9.0	15.59	85.90	2.76	15.21	55.0-56.0	1.10	530.13	0.19	93.85
9.0-10.0	16.05	101.95	2.84	18.05	56.0-57.0	1.04	531.17	0.18	94.03
10.0-11.0	16.13	118.08	2.86	20.90	57.0-58.0	0.99	532.16	0.17	94.21
11.0-12.0	15.92	134.00	2.82	23.72	58.0-59.0	0.94	533.09	0.17	94.37
12.0-13.0	15.51	149.51	2.75	26.47	59.0-60.0	0.89	533.99	0.16	94.53
13.0-14.0	14.99	164.51	2.65	29.12	60.0-61.0	0.85	534.84	0.15	94.68
14.0-15.0	14.42	178.93	2.55	31.67	61.0-62.0	0.81	535.65	0.14	94.82
15.0-16.0	13.84	192.77	2.45	34.12	62.0-63.0	0.78	536.43	0.14	94.96
16.0-17.0	13.28	206.04	2.35	36.48	63.0-64.0	0.75	537.18	0.13	95.09
17.0-18.0	12.77	218.82	2.26	38.74	64.0-65.0	0.73	537.90	0.13	95.22
18.0-19.0	12.37	231.19	2.19	40.93	65.0-66.0	0.70	538.61	0.12	95.35
19.0-20.0	12.07	243.25	2.14	43.06	66.0-67.0	0.68	539.29	0.12	95.47
20.0-21.0	11.85	255.11	2.10	45.16	67.0-68.0	0.66	539.95	0.12	95.59
21.0-22.0	11.72	266.83	2.08	47.24	68.0-69.0	0.64	540.59	0.11	95.70
22.0-23.0	11.65	278.48	2.06	49.30	69.0-70.0	0.62	541.22	0.11	95.81
23.0-24.0	11.62	290.10	2.06	51.36	70.0-71.0	0.61	541.82	0.11	95.92
24.0-25.0	11.62	301.73	2.06	53.41	71.0-72.0	0.59	542.41	0.10	96.02
25.0-26.0	11.63	313.35	2.06	55.47	72.0-73.0	0.57	542.98	0.10	96.12
26.0-27.0	11.63	324.98	2.06	57.53	73.0-74.0	0.56	543.54	0.10	96.22
27.0-28.0	11.64	336.62	2.06	59.59	74.0-75.0	0.54	544.08	0.10	96.32
28.0-29.0	11.65	348.27	2.06	61.65	75.0-76.0	0.52	544.60	0.09	96.41
29.0-30.0	11.66	359.93	2.06	63.72	76.0-77.0	0.51	545.11	0.09	96.50
30.0-31.0	11.67	371.60	2.07	65.78	77.0-78.0	0.50	545.62	0.09	96.59
31.0-32.0	11.68	383.28	2.07	67.85	78.0-79.0	0.50	546.12	0.09	96.68
32.0-33.0	11.68	394.96	2.07	69.92	79.0-80.0	0.49	546.61	0.09	96.76
33.0-34.0	11.67	406.63	2.07	71.98	80.0-81.0	0.49	547.10	0.09	96.85
34.0-35.0	11.66	418.29	2.06	74.05	81.0-82.0	0.47	547.57	0.08	96.93
35.0-36.0	11.61	429.90	2.06	76.10	82.0-83.0	0.45	548.02	0.08	97.01
36.0-37.0	11.45	441.36	2.03	78.13	83.0-84.0	0.43	548.45	0.08	97.09
37.0-38.0	11.14	452.50	1.97	80.10	84.0-85.0	0.40	548.85	0.07	97.16
38.0-39.0	10.64	463.14	1.88	81.99	85.0-86.0	0.37	549.22	0.07	97.23
39.0-40.0	9.97	473.12	1.77	83.75	86.0-87.0	0.34	549.56	0.06	97.29
40.0-41.0	9.15	482.27	1.62	85.37	87.0-88.0	0.30	549.86	0.05	97.34
41.0-42.0	8.21	490.48	1.45	86.83	88.0-89.0	0.27	550.13	0.05	97.39
42.0-43.0	7.19	497.67	1.27	88.10	89.0-90.0	0.25	550.39	0.04	97.43
43.0-44.0	6.13	503.80	1.09	89.19	90.0-91.0	0.25	550.63	0.04	97.48
44.0-45.0	5.07	508.87	0.90	90.08	91.0-92.0	0.24	550.87	0.04	97.52
45.0-46.0	4.04	512.92	0.72	90.80	92.0-93.0	0.23	551.11	0.04	97.56
46.0-47.0	3.14	516.06	0.56	91.36	93.0-94.0	0.23	551.33	0.04	97.60

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	0.22	551.56	0.04	97.64	141.0-142.0	0.19	560.04	0.03	99.14
95.0-96.0	0.22	551.77	0.04	97.68	142.0-143.0	0.20	560.23	0.03	99.18
96.0-97.0	0.21	551.98	0.04	97.72	143.0-144.0	0.20	560.43	0.03	99.21
97.0-98.0	0.21	552.19	0.04	97.75	144.0-145.0	0.20	560.63	0.03	99.25
98.0-99.0	0.20	552.39	0.04	97.79	145.0-146.0	0.20	560.82	0.03	99.28
99.0-100.0	0.20	552.59	0.04	97.82	146.0-147.0	0.20	561.02	0.03	99.31
100.0-101.0	0.19	552.79	0.03	97.86	147.0-148.0	0.19	561.21	0.03	99.35
101.0-102.0	0.19	552.98	0.03	97.89	148.0-149.0	0.19	561.41	0.03	99.38
102.0-103.0	0.19	553.17	0.03	97.92	149.0-150.0	0.19	561.60	0.03	99.42
103.0-104.0	0.19	553.35	0.03	97.96	150.0-151.0	0.19	561.78	0.03	99.45
104.0-105.0	0.18	553.54	0.03	97.99	151.0-152.0	0.19	561.97	0.03	99.48
105.0-106.0	0.18	553.72	0.03	98.02	152.0-153.0	0.18	562.15	0.03	99.52
106.0-107.0	0.18	553.90	0.03	98.05	153.0-154.0	0.18	562.33	0.03	99.55
107.0-108.0	0.18	554.07	0.03	98.09	154.0-155.0	0.18	562.51	0.03	99.58
108.0-109.0	0.18	554.25	0.03	98.12	155.0-156.0	0.17	562.68	0.03	99.61
109.0-110.0	0.17	554.42	0.03	98.15	156.0-157.0	0.17	562.84	0.03	99.64
110.0-111.0	0.17	554.60	0.03	98.18	157.0-158.0	0.16	563.01	0.03	99.67
111.0-112.0	0.17	554.77	0.03	98.21	158.0-159.0	0.16	563.16	0.03	99.69
112.0-113.0	0.17	554.94	0.03	98.24	159.0-160.0	0.15	563.31	0.03	99.72
113.0-114.0	0.17	555.11	0.03	98.27	160.0-161.0	0.15	563.46	0.03	99.75
114.0-115.0	0.17	555.28	0.03	98.30	161.0-162.0	0.14	563.60	0.02	99.77
115.0-116.0	0.17	555.45	0.03	98.33	162.0-163.0	0.13	563.73	0.02	99.80
116.0-117.0	0.17	555.61	0.03	98.36	163.0-164.0	0.13	563.86	0.02	99.82
117.0-118.0	0.17	555.78	0.03	98.39	164.0-165.0	0.12	563.98	0.02	99.84
118.0-119.0	0.17	555.95	0.03	98.42	165.0-166.0	0.11	564.10	0.02	99.86
119.0-120.0	0.17	556.12	0.03	98.45	166.0-167.0	0.11	564.20	0.02	99.88
120.0-121.0	0.17	556.28	0.03	98.48	167.0-168.0	0.10	564.30	0.02	99.90
121.0-122.0	0.17	556.45	0.03	98.51	168.0-169.0	0.09	564.40	0.02	99.91
122.0-123.0	0.17	556.62	0.03	98.54	169.0-170.0	0.09	564.48	0.02	99.93
123.0-124.0	0.17	556.79	0.03	98.57	170.0-171.0	0.08	564.56	0.01	99.94
124.0-125.0	0.17	556.96	0.03	98.60	171.0-172.0	0.07	564.63	0.01	99.95
125.0-126.0	0.17	557.13	0.03	98.63	172.0-173.0	0.06	564.69	0.01	99.96
126.0-127.0	0.17	557.30	0.03	98.66	173.0-174.0	0.05	564.74	0.01	99.97
127.0-128.0	0.17	557.47	0.03	98.69	174.0-175.0	0.05	564.79	0.01	99.98
128.0-129.0	0.17	557.64	0.03	98.72	175.0-176.0	0.04	564.83	0.01	99.99
129.0-130.0	0.17	557.81	0.03	98.75	176.0-177.0	0.03	564.86	0.01	99.99
130.0-131.0	0.18	557.99	0.03	98.78	177.0-178.0	0.02	564.88	0.00	100.00
131.0-132.0	0.18	558.17	0.03	98.81	178.0-179.0	0.01	564.89	0.00	100.00
132.0-133.0	0.18	558.34	0.03	98.84	179.0-180.0	0.00	564.89	0.00	100.00
133.0-134.0	0.18	558.52	0.03	98.87					
134.0-135.0	0.18	558.71	0.03	98.91					
135.0-136.0	0.18	558.89	0.03	98.94					
136.0-137.0	0.19	559.08	0.03	98.97					
137.0-138.0	0.19	559.27	0.03	99.00					
138.0-139.0	0.19	559.46	0.03	99.04					
139.0-140.0	0.19	559.65	0.03	99.07					
140.0-141.0	0.19	559.84	0.03	99.11					

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-06-XX-02 4000K 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: 2019/11/19



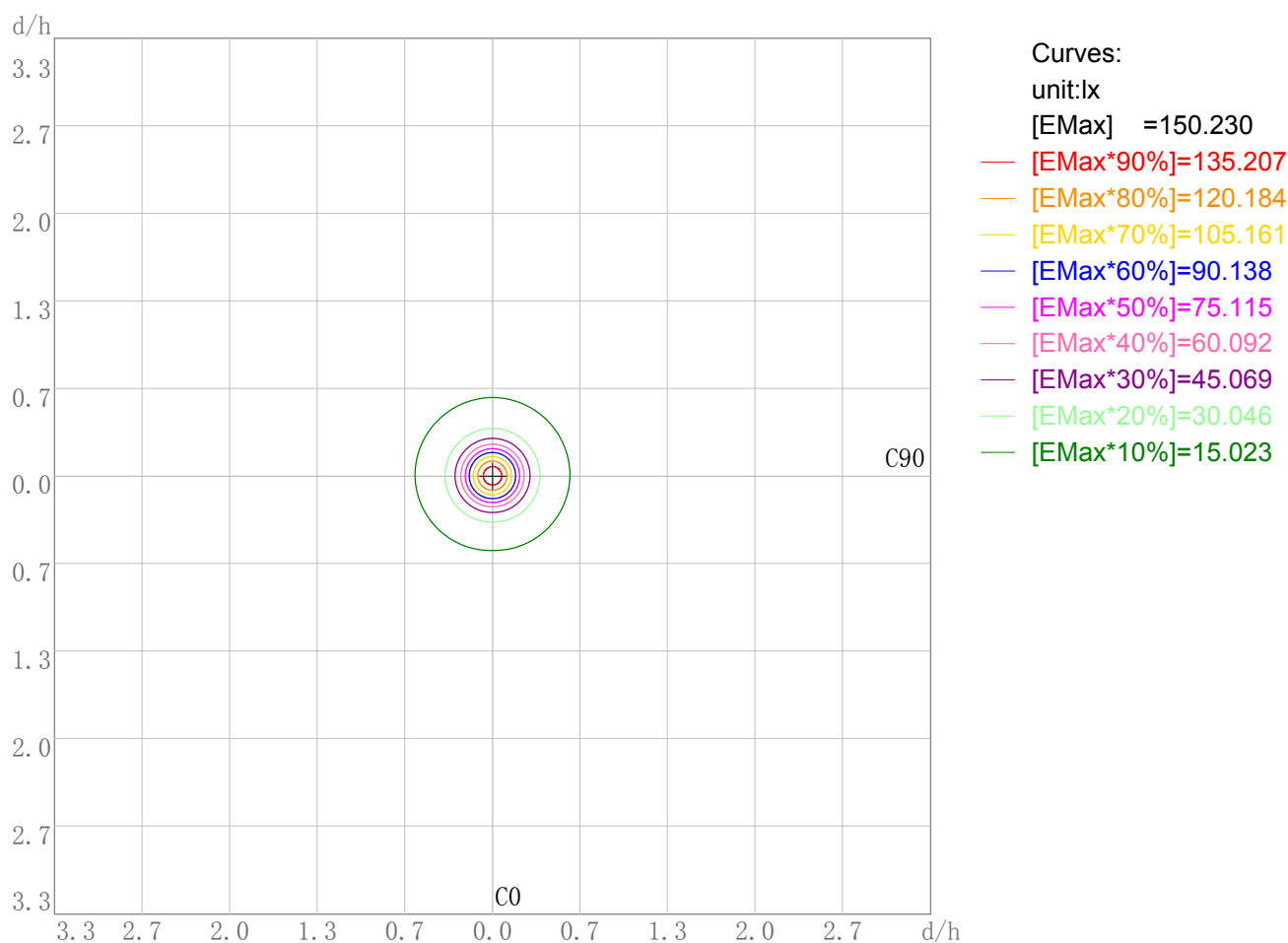
IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 25D.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD10-06-XX-02 4000K 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: 2019/11/19

Plane ISO-Illuminance Curve



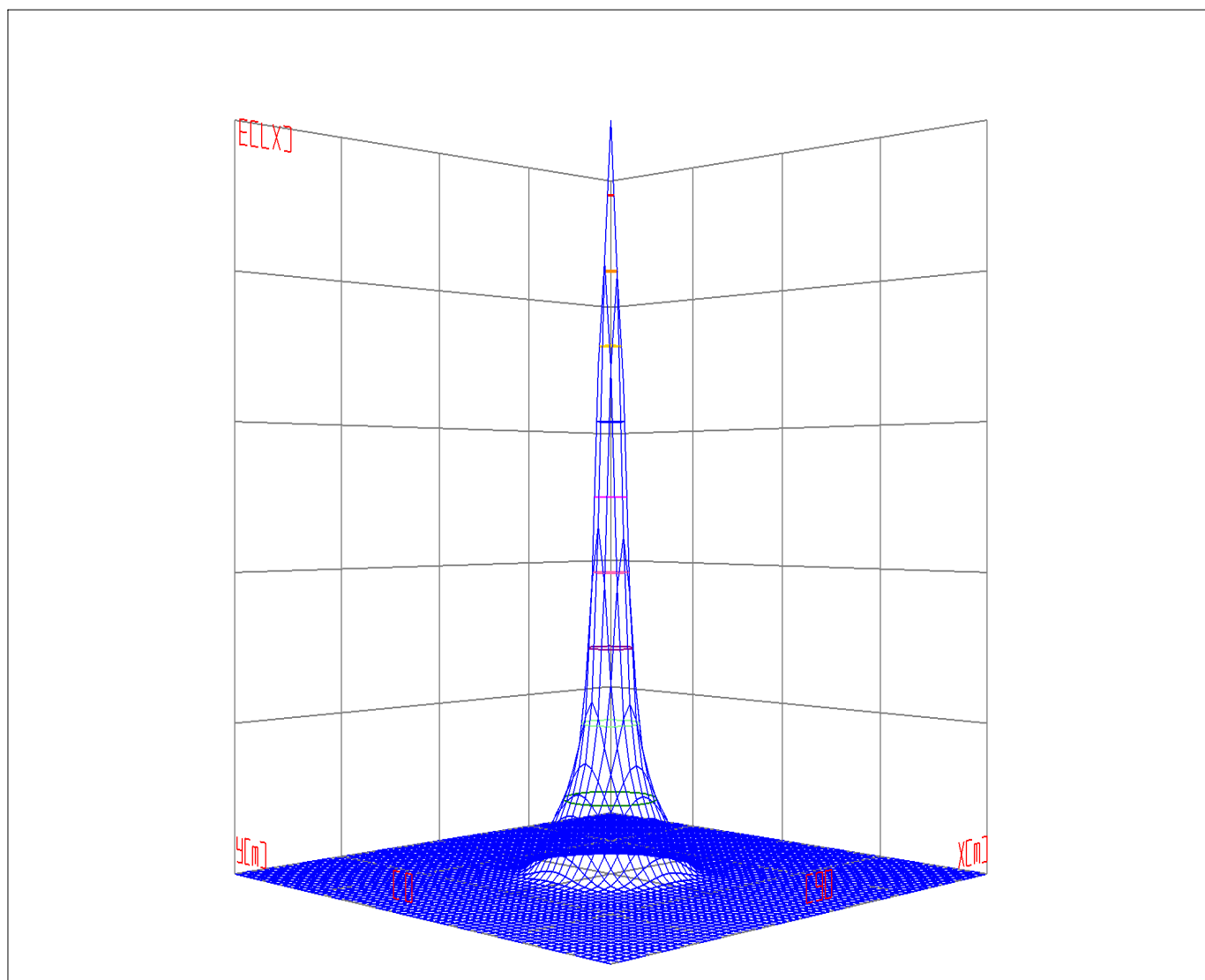
IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 25D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-06-XX-02 4000K 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: 2019/11/19

3D Plane Illuminance Modal

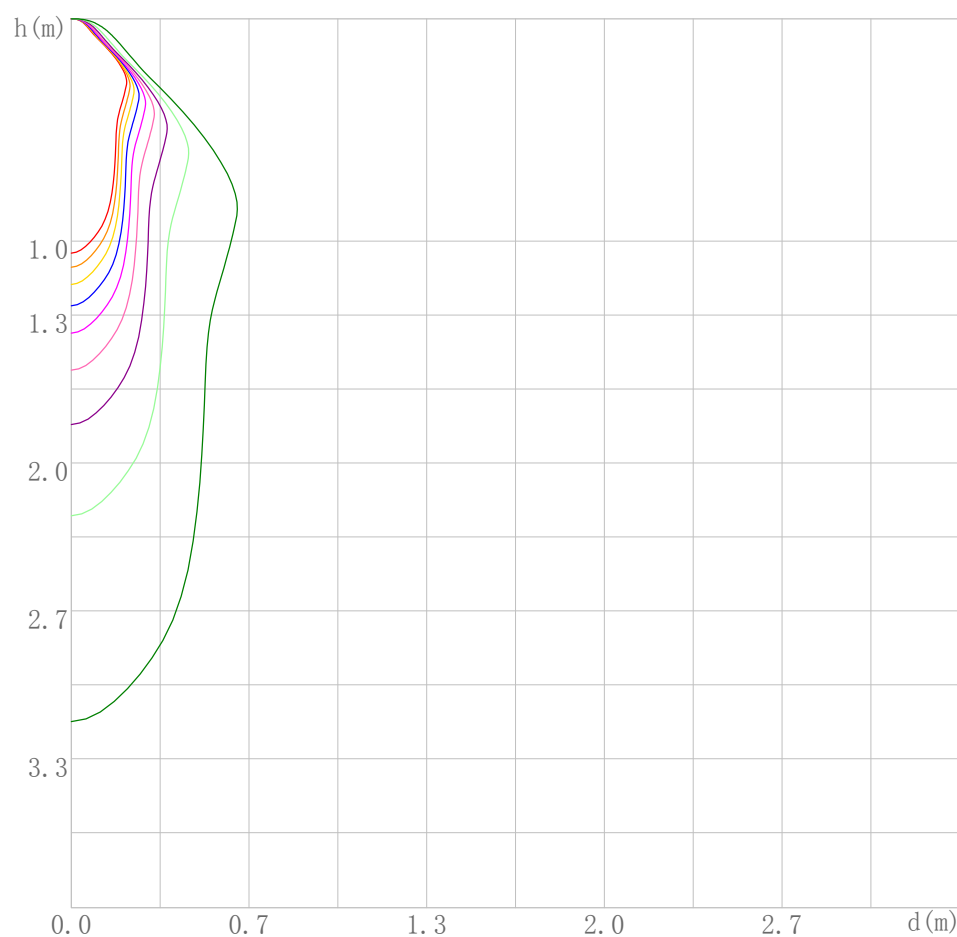


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-06-XX-02 4000K 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: 2019/11/19

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =1352.073

— [EMax*90%]=1216.866

— [EMax*80%]=1081.658

— [EMax*70%]=946.451

— [EMax*60%]=811.244

— [EMax*50%]=676.036

— [EMax*40%]=540.829

— [EMax*30%]=405.622

— [EMax*20%]=270.415

— [EMax*10%]=135.207

Space Plane Maximum Illuminance and @Angle:1352.07lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:1352.073cd,0deg

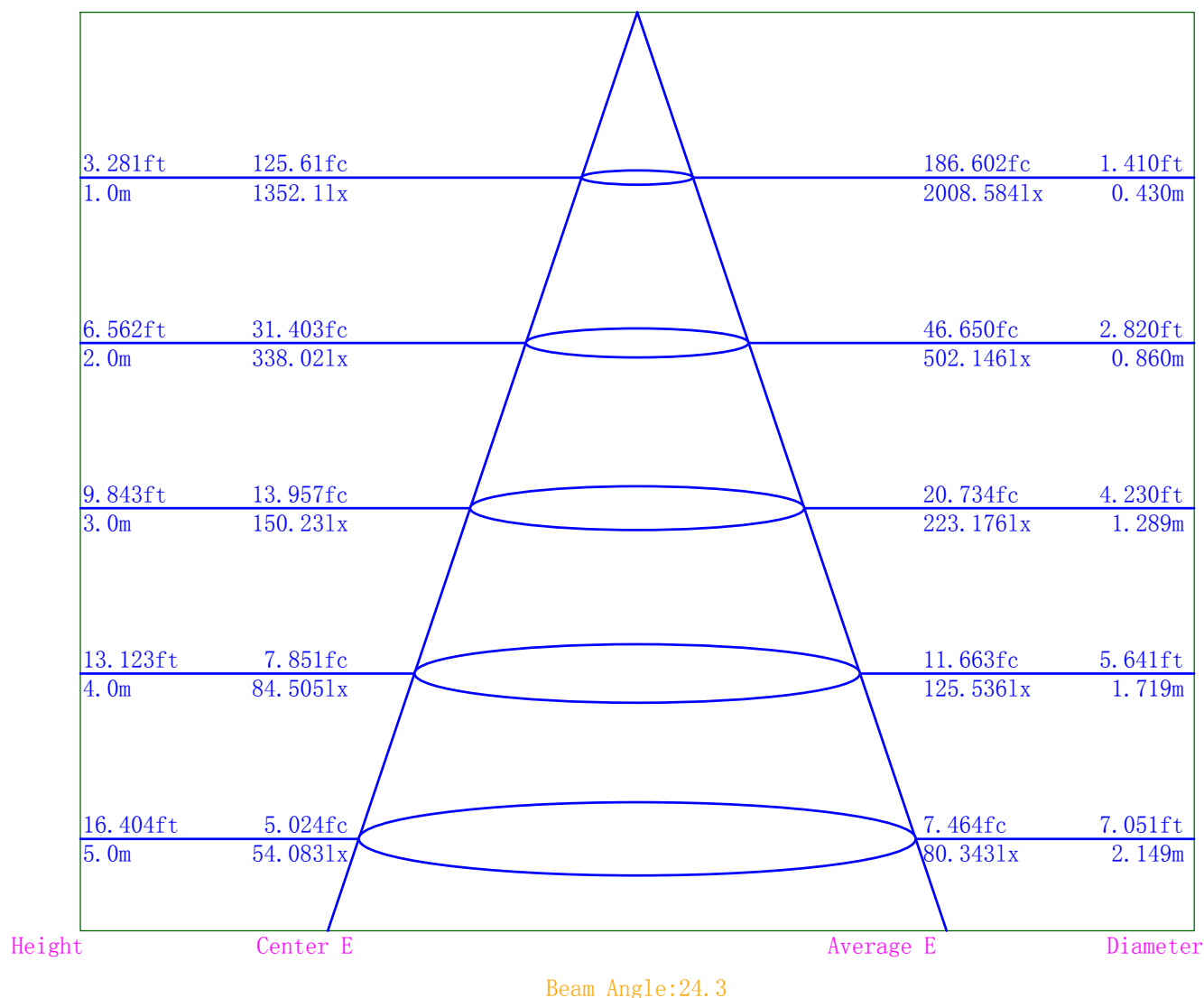
IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 25D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-06-XX-02 4000K 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: 2019/11/19

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 25D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-06-XX-02 4000K 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: 2019/11/19

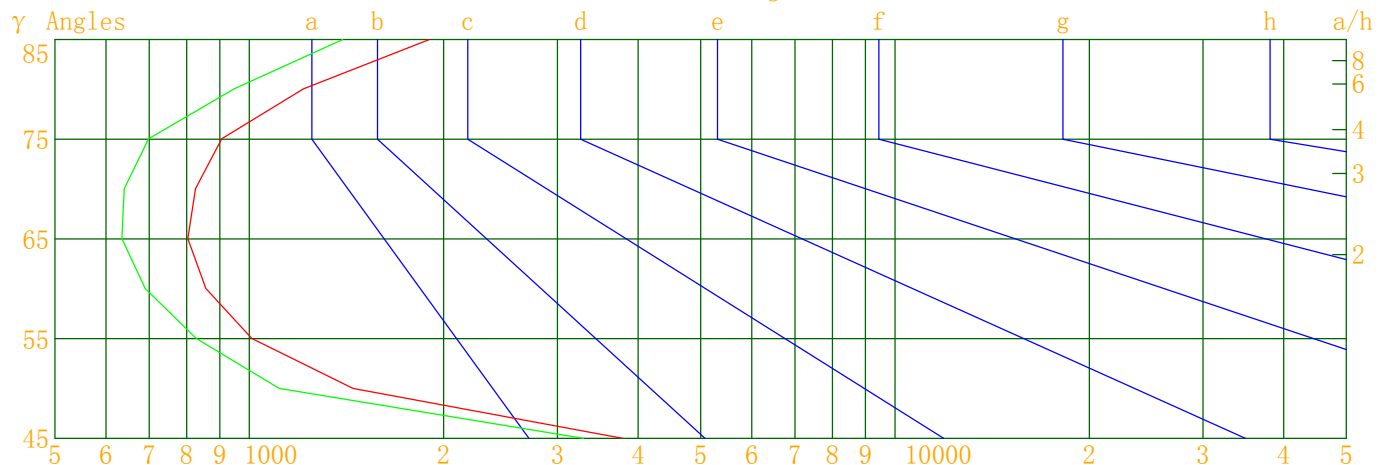
Glare Grade Table

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	3787	1447	1009	857	803	825	906	1214	1901
C90	3292	1112	828	690	635	640	698	948	1395

Luminance Limiting Curve



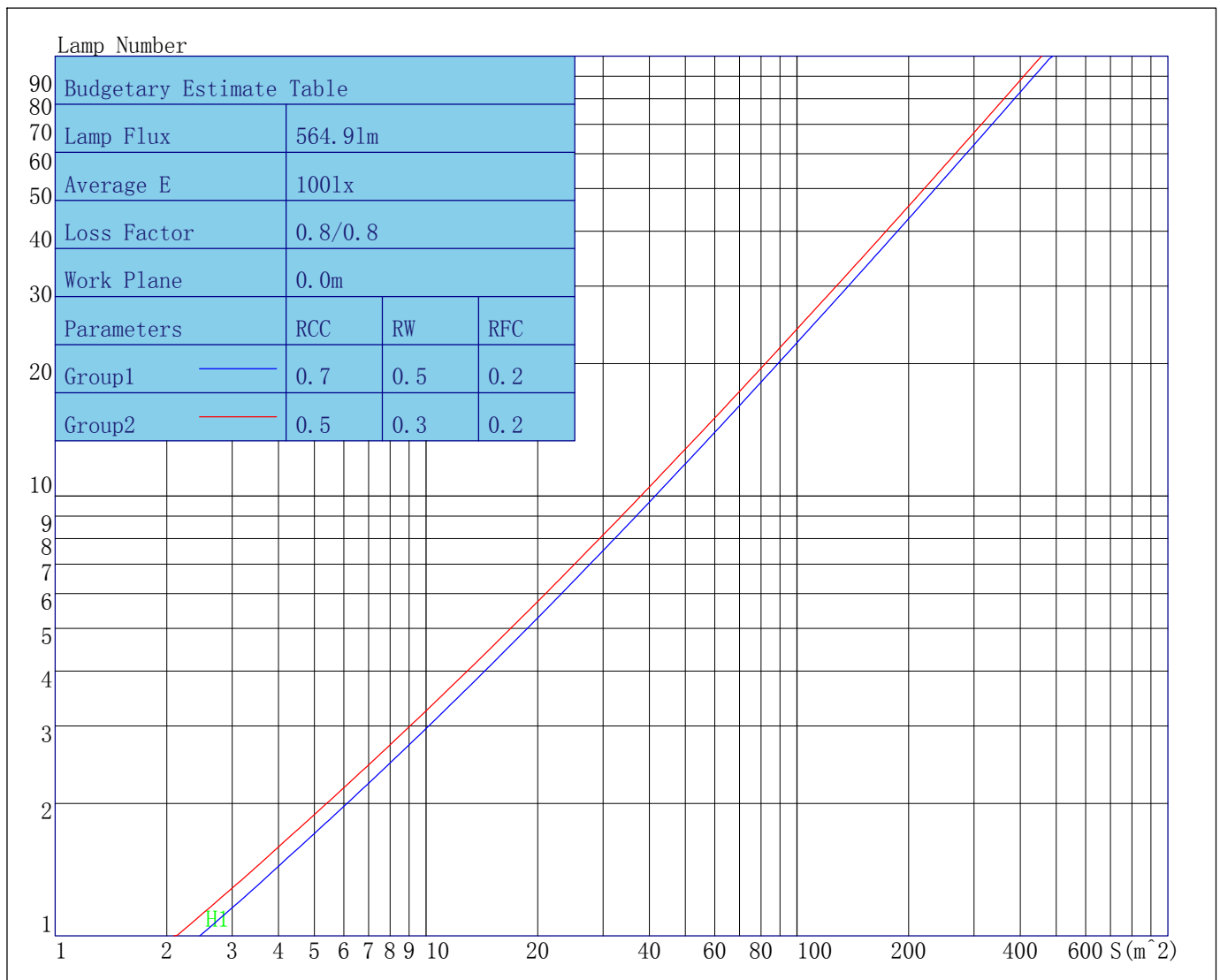
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.450 Area(m²)=0.025000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 25D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-06-XX-02 4000K 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: 2019/11/19



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:MD10-06-XX-02 4000K RA90 25D.IES

Indoor Coefficient of Utilization Table

Lum. Name: MD10-06-XX-02 4000K 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: 2019/11/19

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	104	104	104	100	100	100	97
1	112	109	107	104	110	107	105	102	102	101	99	98	97	95	94	93	92	90
2	107	101	97	94	104	100	96	92	96	93	90	92	90	88	89	87	86	84
3	101	94	89	85	99	93	88	84	90	86	83	87	84	81	84	82	79	78
4	96	88	83	78	94	87	82	78	84	80	76	82	78	75	80	77	74	73
5	91	83	77	72	89	82	76	72	80	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	64	59	78	69	63	59	68	62	59	66	62	58	65	61	58	57
9	75	66	60	56	74	65	60	56	64	59	56	63	59	55	62	58	55	54
10	72	63	57	53	71	62	57	53	61	56	53	60	56	53	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	1352.07	1352.07	1352.07	1352.07
γ 1.0	1342.11	1344.20	1335.36	1344.80
γ 2.0	1318.00	1315.13	1304.38	1316.76
γ 3.0	1281.06	1272.91	1261.76	1275.55
γ 4.0	1237.19	1225.50	1213.43	1226.31
γ 5.0	1188.92	1173.23	1160.04	1178.44
γ 6.0	1136.67	1115.26	1103.26	1125.69
γ 7.0	1081.99	1054.30	1040.02	1069.91
γ 8.0	1019.15	989.77	973.97	1006.40
γ 9.0	948.27	920.90	900.12	934.40
γ 10.0	870.78	843.91	817.93	856.42
γ 11.0	789.48	764.96	737.91	776.19
γ 12.0	710.26	688.35	659.83	699.02
γ 13.0	636.63	618.07	589.27	626.36
γ 14.0	570.21	556.10	527.50	561.04
γ 15.0	511.52	500.22	472.21	503.67
γ 16.0	460.60	450.48	425.23	453.79
γ 17.0	415.93	408.82	384.93	410.58
γ 18.0	379.15	373.50	351.84	374.50
γ 19.0	349.14	344.68	324.89	346.04
γ 20.0	325.15	321.04	303.37	322.47
γ 21.0	305.92	302.18	285.43	303.55
γ 22.0	290.71	286.67	271.00	287.81
γ 23.0	277.93	273.63	258.77	274.70
γ 24.0	267.14	262.61	248.12	263.80
γ 25.0	257.42	253.01	238.41	253.85
γ 26.0	248.80	243.97	229.60	244.87
γ 27.0	240.62	235.76	221.42	236.72
γ 28.0	233.18	227.95	214.11	229.18
γ 29.0	226.25	220.86	207.43	221.79
γ 30.0	219.80	214.22	201.61	215.10
γ 31.0	213.89	207.97	196.09	208.75
γ 32.0	208.26	202.02	191.04	202.71
γ 33.0	202.78	196.20	185.76	197.19
γ 34.0	197.90	190.87	180.43	191.85
γ 35.0	193.05	185.66	175.71	186.59
γ 36.0	187.49	179.48	169.87	180.50
γ 37.0	180.35	172.09	162.33	172.67
γ 38.0	171.11	161.95	152.54	162.35
γ 39.0	159.42	149.88	140.46	149.68
γ 40.0	146.18	135.39	127.06	135.71
γ 41.0	130.93	120.21	111.96	120.67
γ 42.0	115.08	104.23	95.91	105.16
γ 43.0	98.58	88.45	79.73	89.29
γ 44.0	82.52	73.00	64.28	74.05
γ 45.0	66.94	58.20	49.30	59.38
γ 46.0	52.59	44.74	36.11	46.18

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	40.77	33.75	25.99	35.74
γ 48.0	32.16	26.05	20.15	28.31
γ 49.0	26.67	21.09	17.71	23.72
γ 50.0	23.26	17.87	16.50	20.77
γ 51.0	20.83	15.95	15.28	18.43
γ 52.0	18.87	14.76	14.10	16.44
γ 53.0	16.98	13.69	13.10	14.77
γ 54.0	15.59	12.70	12.11	13.60
γ 55.0	14.47	11.87	11.28	12.73
γ 56.0	13.59	11.08	10.53	11.94
γ 57.0	12.69	10.34	9.72	11.18
γ 58.0	11.98	9.72	9.09	10.55
γ 59.0	11.29	9.18	8.48	9.95
γ 60.0	10.71	8.62	7.97	9.37
γ 61.0	10.12	8.12	7.46	8.86
γ 62.0	9.62	7.69	7.05	8.40
γ 63.0	9.20	7.32	6.72	8.04
γ 64.0	8.84	7.01	6.41	7.70
γ 65.0	8.48	6.71	6.16	7.39
γ 66.0	8.17	6.43	5.92	7.12
γ 67.0	7.87	6.18	5.69	6.87
γ 68.0	7.59	5.93	5.50	6.64
γ 69.0	7.30	5.72	5.30	6.40
γ 70.0	7.06	5.47	5.13	6.20
γ 71.0	6.78	5.26	4.97	6.01
γ 72.0	6.54	5.06	4.81	5.84
γ 73.0	6.30	4.88	4.65	5.66
γ 74.0	6.09	4.69	4.50	5.49
γ 75.0	5.86	4.52	4.36	5.32
γ 76.0	5.68	4.36	4.23	5.19
γ 77.0	5.51	4.27	4.10	5.09
γ 78.0	5.42	4.20	4.03	5.05
γ 79.0	5.31	4.22	3.95	4.99
γ 80.0	5.27	4.11	3.95	4.87
γ 81.0	5.05	4.10	3.77	4.79
γ 82.0	4.96	3.85	3.78	4.57
γ 83.0	4.66	3.61	3.38	4.42
γ 84.0	4.64	3.31	3.33	4.14
γ 85.0	4.14	3.04	3.01	3.88
γ 86.0	3.85	2.81	2.72	3.56
γ 87.0	3.47	2.48	2.46	3.21
γ 88.0	3.07	2.23	2.23	2.95
γ 89.0	2.68	1.97	2.08	2.68
γ 90.0	2.58	1.90	2.01	2.60
γ 91.0	2.51	1.87	1.96	2.53
γ 92.0	2.44	1.82	1.91	2.47
γ 93.0	2.39	1.78	1.87	2.40

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.33	1.73	1.82	2.33
γ 95.0	2.28	1.70	1.78	2.28
γ 96.0	2.22	1.66	1.74	2.22
γ 97.0	2.18	1.64	1.71	2.17
γ 98.0	2.14	1.60	1.67	2.13
γ 99.0	2.09	1.58	1.65	2.08
γ 100.0	2.06	1.55	1.62	2.05
γ 101.0	2.03	1.53	1.60	2.02
γ 102.0	1.99	1.51	1.58	1.98
γ 103.0	1.97	1.50	1.57	1.96
γ 104.0	1.95	1.49	1.56	1.93
γ 105.0	1.93	1.49	1.54	1.92
γ 106.0	1.91	1.47	1.54	1.90
γ 107.0	1.89	1.46	1.54	1.88
γ 108.0	1.88	1.46	1.54	1.87
γ 109.0	1.86	1.46	1.55	1.86
γ 110.0	1.85	1.46	1.56	1.86
γ 111.0	1.84	1.47	1.57	1.85
γ 112.0	1.84	1.46	1.58	1.86
γ 113.0	1.83	1.47	1.60	1.86
γ 114.0	1.83	1.47	1.60	1.87
γ 115.0	1.82	1.48	1.62	1.87
γ 116.0	1.83	1.49	1.64	1.88
γ 117.0	1.82	1.50	1.66	1.89
γ 118.0	1.83	1.51	1.68	1.91
γ 119.0	1.84	1.53	1.71	1.93
γ 120.0	1.84	1.54	1.73	1.94
γ 121.0	1.84	1.57	1.75	1.96
γ 122.0	1.86	1.59	1.79	1.98
γ 123.0	1.88	1.61	1.81	2.00
γ 124.0	1.90	1.64	1.85	2.03
γ 125.0	1.91	1.66	1.88	2.06
γ 126.0	1.94	1.70	1.92	2.09
γ 127.0	1.97	1.74	1.96	2.12
γ 128.0	2.01	1.78	2.01	2.16
γ 129.0	2.04	1.82	2.07	2.20
γ 130.0	2.09	1.87	2.11	2.25
γ 131.0	2.13	1.92	2.17	2.29
γ 132.0	2.17	1.97	2.23	2.34
γ 133.0	2.22	2.04	2.30	2.40
γ 134.0	2.28	2.09	2.36	2.45
γ 135.0	2.34	2.16	2.44	2.52
γ 136.0	2.42	2.23	2.50	2.59
γ 137.0	2.47	2.30	2.60	2.66
γ 138.0	2.55	2.38	2.67	2.73
γ 139.0	2.63	2.46	2.76	2.81
γ 140.0	2.70	2.55	2.83	2.88

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.78	2.63	2.91	2.96
γ 142.0	2.85	2.70	2.99	3.04
γ 143.0	2.92	2.78	3.07	3.11
γ 144.0	3.00	2.86	3.15	3.19
γ 145.0	3.08	2.93	3.23	3.25
γ 146.0	3.15	3.01	3.30	3.32
γ 147.0	3.22	3.09	3.37	3.38
γ 148.0	3.28	3.15	3.44	3.46
γ 149.0	3.36	3.22	3.51	3.51
γ 150.0	3.42	3.27	3.57	3.58
γ 151.0	3.48	3.34	3.62	3.62
γ 152.0	3.54	3.39	3.68	3.68
γ 153.0	3.60	3.46	3.73	3.73
γ 154.0	3.66	3.52	3.79	3.78
γ 155.0	3.72	3.57	3.84	3.82
γ 156.0	3.77	3.63	3.88	3.86
γ 157.0	3.82	3.68	3.94	3.90
γ 158.0	3.87	3.71	3.97	3.95
γ 159.0	3.91	3.77	4.02	3.98
γ 160.0	3.96	3.81	4.05	4.02
γ 161.0	4.00	3.86	4.10	4.05
γ 162.0	4.05	3.90	4.12	4.09
γ 163.0	4.08	3.95	4.17	4.12
γ 164.0	4.13	3.99	4.19	4.15
γ 165.0	4.16	4.02	4.22	4.17
γ 166.0	4.19	4.07	4.25	4.20
γ 167.0	4.22	4.10	4.27	4.22
γ 168.0	4.25	4.12	4.30	4.24
γ 169.0	4.27	4.15	4.32	4.26
γ 170.0	4.31	4.18	4.31	4.28
γ 171.0	4.32	4.19	4.34	4.28
γ 172.0	4.34	4.21	4.35	4.30
γ 173.0	4.35	4.23	4.37	4.31
γ 174.0	4.37	4.25	4.38	4.32
γ 175.0	4.38	4.25	4.39	4.33
γ 176.0	4.39	4.28	4.40	4.35
γ 177.0	4.40	4.29	4.42	4.36
γ 178.0	4.41	4.28	4.43	4.37
γ 179.0	4.42	4.30	4.43	4.37
γ 180.0	4.41	4.41	4.41	4.41