

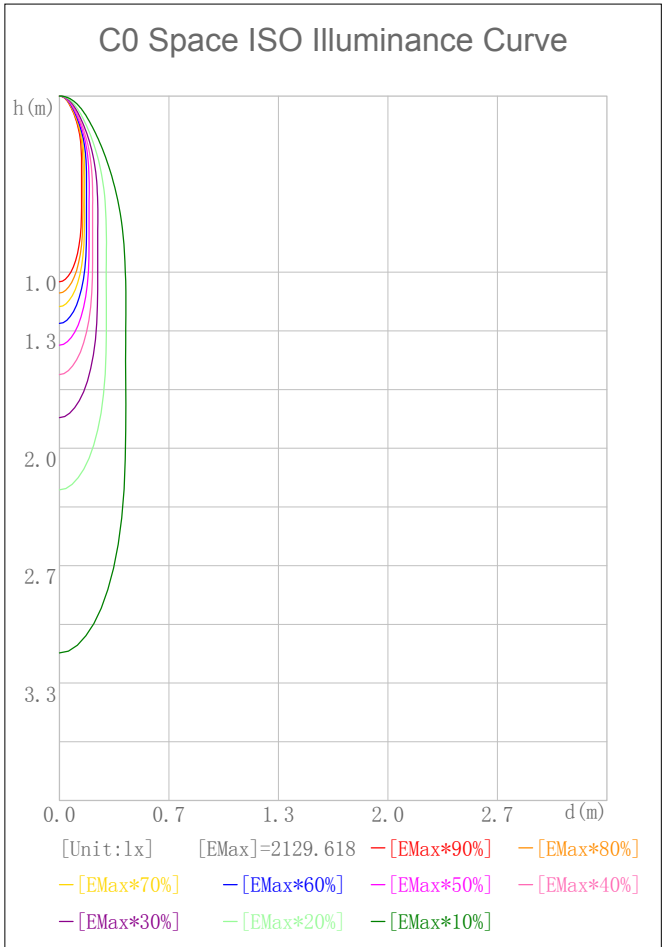
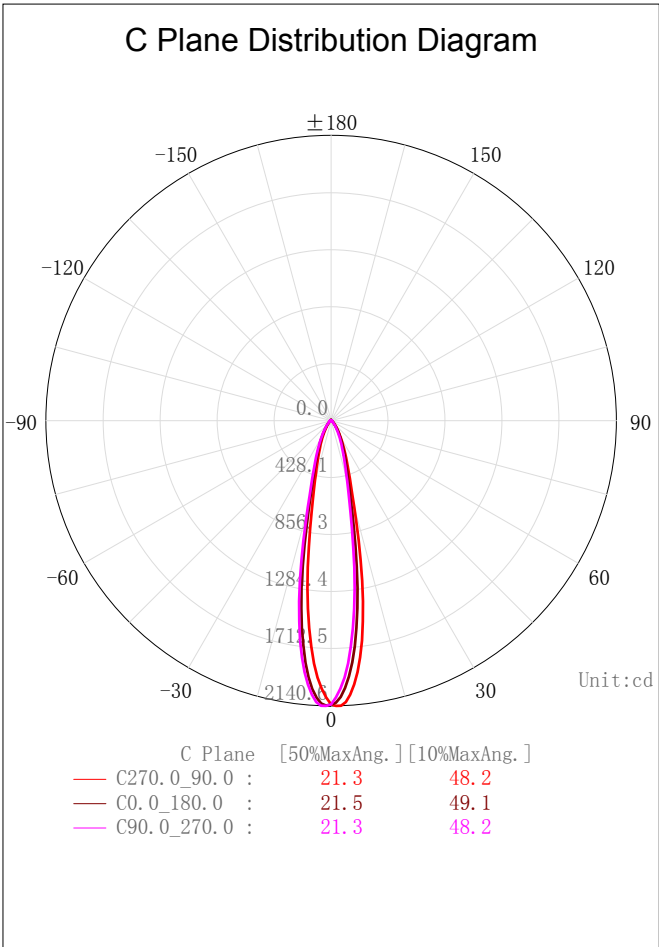
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-06-XX-03 3000K RA90 24D		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*0.350m		Lum. Area (m2):0.020	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

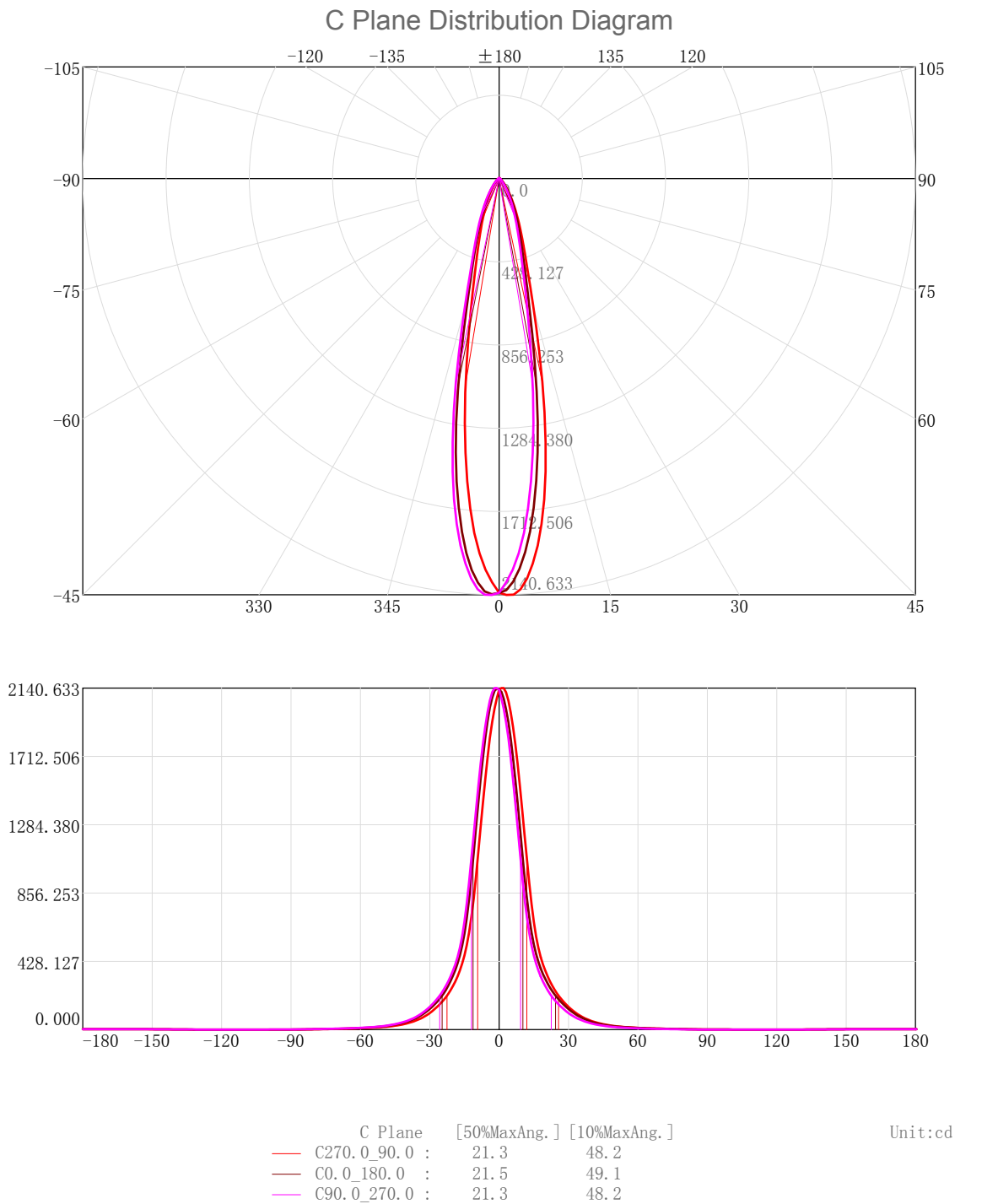
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 528.930	Luminary Flux(lm): 528.928	Field Angle(10%Imax): 48.2(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 519.371lm 98.19%	
Rated Voltage(V):	Luminary EER(lm/W): 95.907	Up Lumens&Percent: 9.558lm 1.81%	
Tested Power(W): 5.515	Max. Candela(cd): 2140.633	S/MH: C0_a180=0.369 C90_270=0.364	
Lamps' Inside: 1	Max Cand@Ang. (°): C=270.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.3, 0.026, 0.868	Beam Angle(50%Imax): 21.3(°)	ErP ϕ use(90°): 472.243lm	
Lamp Size (W*L*H):0.050m*0.050m*0.350m	Left=-9.3°, Right=12.0°	IRF(%): 925.447	



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-06-XX-03 3000K RA90 24D	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



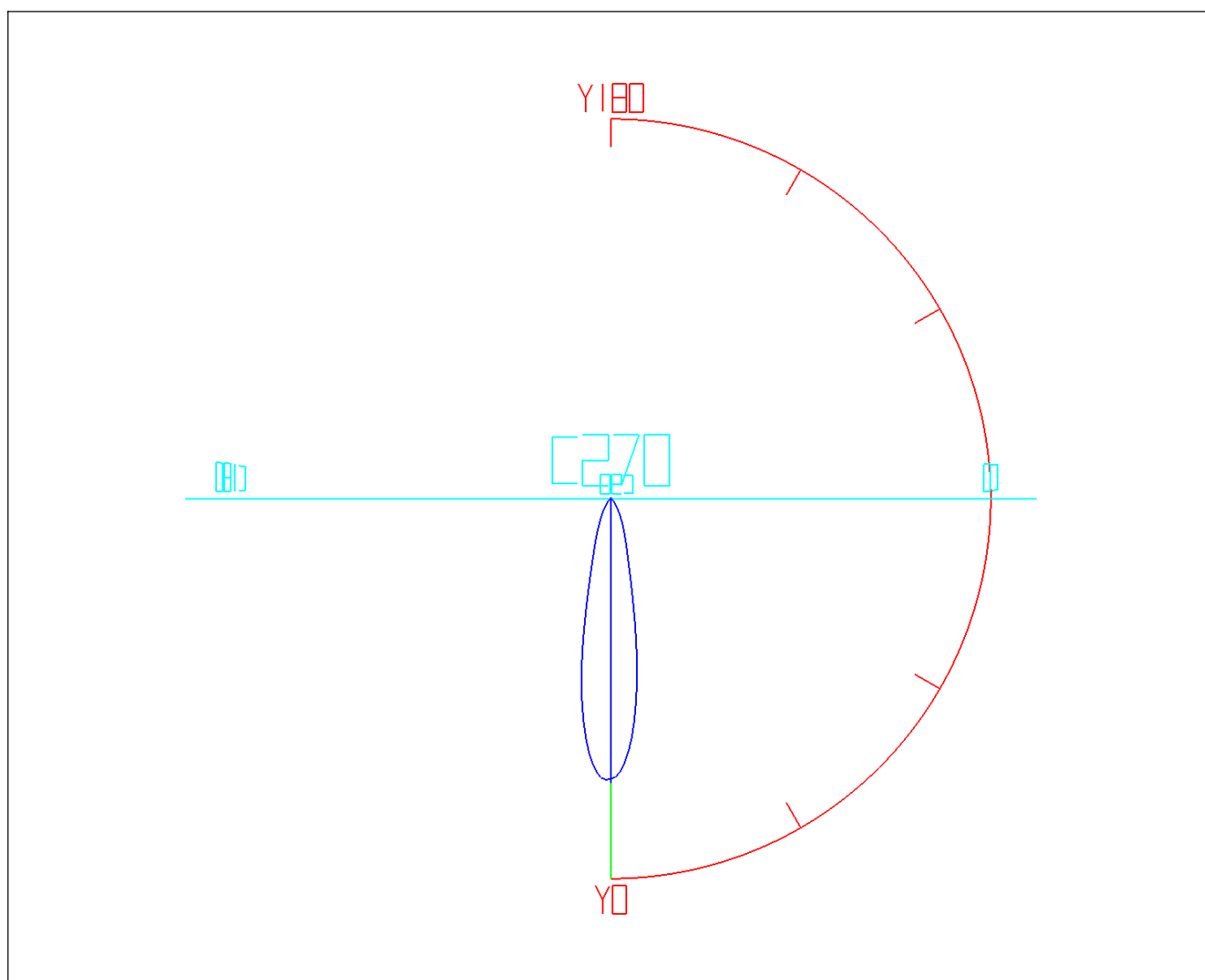
IES Indoor Report

Photometric Filename:MD10-06-XX-03 3000K RA90 24D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-06-XX-03 3000K RA90 24D	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	2.03	2.03	0.38	0.38	47.0-48.0	2.02	487.55	0.38	92.18
1.0-2.0	6.04	8.07	1.14	1.53	48.0-49.0	1.90	489.45	0.36	92.54
2.0-3.0	9.86	17.92	1.86	3.39	49.0-50.0	1.78	491.23	0.34	92.87
3.0-4.0	13.36	31.28	2.53	5.91	50.0-51.0	1.68	492.91	0.32	93.19
4.0-5.0	16.43	47.71	3.11	9.02	51.0-52.0	1.58	494.49	0.30	93.49
5.0-6.0	18.96	66.67	3.59	12.61	52.0-53.0	1.49	495.98	0.28	93.77
6.0-7.0	20.90	87.58	3.95	16.56	53.0-54.0	1.41	497.39	0.27	94.04
7.0-8.0	22.20	109.78	4.20	20.75	54.0-55.0	1.33	498.72	0.25	94.29
8.0-9.0	22.82	132.60	4.31	25.07	55.0-56.0	1.26	499.99	0.24	94.53
9.0-10.0	22.74	155.34	4.30	29.37	56.0-57.0	1.20	501.18	0.23	94.75
10.0-11.0	22.06	177.41	4.17	33.54	57.0-58.0	1.14	502.32	0.21	94.97
11.0-12.0	20.93	198.34	3.96	37.50	58.0-59.0	1.08	503.40	0.20	95.17
12.0-13.0	19.56	217.90	3.70	41.20	59.0-60.0	1.03	504.43	0.19	95.37
13.0-14.0	18.14	236.04	3.43	44.63	60.0-61.0	0.98	505.40	0.18	95.55
14.0-15.0	16.81	252.85	3.18	47.80	61.0-62.0	0.93	506.33	0.18	95.73
15.0-16.0	15.65	268.50	2.96	50.76	62.0-63.0	0.89	507.22	0.17	95.89
16.0-17.0	14.67	283.17	2.77	53.54	63.0-64.0	0.84	508.06	0.16	96.05
17.0-18.0	13.84	297.02	2.62	56.15	64.0-65.0	0.80	508.86	0.15	96.21
18.0-19.0	13.12	310.14	2.48	58.64	65.0-66.0	0.77	509.63	0.14	96.35
19.0-20.0	12.47	322.61	2.36	60.99	66.0-67.0	0.73	510.36	0.14	96.49
20.0-21.0	11.85	334.45	2.24	63.23	67.0-68.0	0.70	511.06	0.13	96.62
21.0-22.0	11.25	345.70	2.13	65.36	68.0-69.0	0.66	511.72	0.13	96.75
22.0-23.0	10.67	356.38	2.02	67.38	69.0-70.0	0.63	512.35	0.12	96.87
23.0-24.0	10.13	366.51	1.92	69.29	70.0-71.0	0.60	512.95	0.11	96.98
24.0-25.0	9.62	376.13	1.82	71.11	71.0-72.0	0.57	513.52	0.11	97.09
25.0-26.0	9.12	385.25	1.72	72.84	72.0-73.0	0.54	514.06	0.10	97.19
26.0-27.0	8.62	393.87	1.63	74.46	73.0-74.0	0.51	514.57	0.10	97.29
27.0-28.0	8.13	402.00	1.54	76.00	74.0-75.0	0.48	515.06	0.09	97.38
28.0-29.0	7.66	409.66	1.45	77.45	75.0-76.0	0.46	515.51	0.09	97.46
29.0-30.0	7.19	416.84	1.36	78.81	76.0-77.0	0.43	515.94	0.08	97.54
30.0-31.0	6.73	423.58	1.27	80.08	77.0-78.0	0.40	516.35	0.08	97.62
31.0-32.0	6.29	429.87	1.19	81.27	78.0-79.0	0.38	516.72	0.07	97.69
32.0-33.0	5.86	435.73	1.11	82.38	79.0-80.0	0.35	517.08	0.07	97.76
33.0-34.0	5.46	441.19	1.03	83.41	80.0-81.0	0.33	517.40	0.06	97.82
34.0-35.0	5.07	446.26	0.96	84.37	81.0-82.0	0.30	517.70	0.06	97.88
35.0-36.0	4.71	450.98	0.89	85.26	82.0-83.0	0.27	517.98	0.05	97.93
36.0-37.0	4.38	455.36	0.83	86.09	83.0-84.0	0.25	518.23	0.05	97.98
37.0-38.0	4.07	459.44	0.77	86.86	84.0-85.0	0.23	518.46	0.04	98.02
38.0-39.0	3.79	463.22	0.72	87.58	85.0-86.0	0.21	518.66	0.04	98.06
39.0-40.0	3.52	466.75	0.67	88.24	86.0-87.0	0.19	518.86	0.04	98.10
40.0-41.0	3.28	470.03	0.62	88.86	87.0-88.0	0.18	519.04	0.03	98.13
41.0-42.0	3.05	473.08	0.58	89.44	88.0-89.0	0.17	519.21	0.03	98.16
42.0-43.0	2.85	475.93	0.54	89.98	89.0-90.0	0.16	519.37	0.03	98.19
43.0-44.0	2.65	478.58	0.50	90.48	90.0-91.0	0.16	519.53	0.03	98.22
44.0-45.0	2.47	481.05	0.47	90.95	91.0-92.0	0.15	519.68	0.03	98.25
45.0-46.0	2.31	483.36	0.44	91.39	92.0-93.0	0.15	519.83	0.03	98.28
46.0-47.0	2.16	485.53	0.41	91.79	93.0-94.0	0.14	519.97	0.03	98.31

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	0.14	520.10	0.03	98.33	141.0-142.0	0.14	524.81	0.03	99.22
95.0-96.0	0.13	520.23	0.02	98.36	142.0-143.0	0.15	524.96	0.03	99.25
96.0-97.0	0.13	520.36	0.02	98.38	143.0-144.0	0.15	525.11	0.03	99.28
97.0-98.0	0.12	520.48	0.02	98.40	144.0-145.0	0.16	525.27	0.03	99.31
98.0-99.0	0.12	520.60	0.02	98.42	145.0-146.0	0.16	525.43	0.03	99.34
99.0-100.0	0.11	520.71	0.02	98.45	146.0-147.0	0.16	525.59	0.03	99.37
100.0-101.0	0.11	520.82	0.02	98.47	147.0-148.0	0.16	525.75	0.03	99.40
101.0-102.0	0.11	520.93	0.02	98.49	148.0-149.0	0.16	525.91	0.03	99.43
102.0-103.0	0.11	521.04	0.02	98.51	149.0-150.0	0.16	526.07	0.03	99.46
103.0-104.0	0.10	521.14	0.02	98.53	150.0-151.0	0.16	526.24	0.03	99.49
104.0-105.0	0.10	521.24	0.02	98.55	151.0-152.0	0.16	526.40	0.03	99.52
105.0-106.0	0.10	521.34	0.02	98.56	152.0-153.0	0.16	526.56	0.03	99.55
106.0-107.0	0.10	521.43	0.02	98.58	153.0-154.0	0.16	526.71	0.03	99.58
107.0-108.0	0.09	521.53	0.02	98.60	154.0-155.0	0.15	526.87	0.03	99.61
108.0-109.0	0.09	521.62	0.02	98.62	155.0-156.0	0.15	527.02	0.03	99.64
109.0-110.0	0.09	521.71	0.02	98.63	156.0-157.0	0.15	527.16	0.03	99.67
110.0-111.0	0.09	521.80	0.02	98.65	157.0-158.0	0.14	527.31	0.03	99.69
111.0-112.0	0.09	521.88	0.02	98.67	158.0-159.0	0.14	527.44	0.03	99.72
112.0-113.0	0.09	521.97	0.02	98.68	159.0-160.0	0.13	527.58	0.03	99.74
113.0-114.0	0.08	522.05	0.02	98.70	160.0-161.0	0.13	527.70	0.02	99.77
114.0-115.0	0.08	522.14	0.02	98.72	161.0-162.0	0.12	527.83	0.02	99.79
115.0-116.0	0.08	522.22	0.02	98.73	162.0-163.0	0.12	527.94	0.02	99.81
116.0-117.0	0.08	522.30	0.02	98.75	163.0-164.0	0.11	528.05	0.02	99.83
117.0-118.0	0.08	522.38	0.02	98.76	164.0-165.0	0.10	528.16	0.02	99.85
118.0-119.0	0.08	522.46	0.02	98.78	165.0-166.0	0.10	528.26	0.02	99.87
119.0-120.0	0.08	522.54	0.02	98.79	166.0-167.0	0.09	528.35	0.02	99.89
120.0-121.0	0.08	522.62	0.02	98.81	167.0-168.0	0.09	528.44	0.02	99.91
121.0-122.0	0.08	522.70	0.02	98.82	168.0-169.0	0.08	528.52	0.01	99.92
122.0-123.0	0.08	522.78	0.02	98.84	169.0-170.0	0.07	528.59	0.01	99.94
123.0-124.0	0.08	522.87	0.02	98.85	170.0-171.0	0.07	528.65	0.01	99.95
124.0-125.0	0.08	522.95	0.02	98.87	171.0-172.0	0.06	528.71	0.01	99.96
125.0-126.0	0.08	523.03	0.02	98.89	172.0-173.0	0.05	528.76	0.01	99.97
126.0-127.0	0.09	523.12	0.02	98.90	173.0-174.0	0.04	528.81	0.01	99.98
127.0-128.0	0.09	523.21	0.02	98.92	174.0-175.0	0.04	528.84	0.01	99.98
128.0-129.0	0.09	523.30	0.02	98.94	175.0-176.0	0.03	528.87	0.01	99.99
129.0-130.0	0.09	523.39	0.02	98.95	176.0-177.0	0.02	528.90	0.00	99.99
130.0-131.0	0.10	523.49	0.02	98.97	177.0-178.0	0.02	528.91	0.00	100.00
131.0-132.0	0.10	523.59	0.02	98.99	178.0-179.0	0.01	528.92	0.00	100.00
132.0-133.0	0.10	523.69	0.02	99.01	179.0-180.0	0.00	528.93	0.00	100.00
133.0-134.0	0.11	523.79	0.02	99.03					
134.0-135.0	0.11	523.90	0.02	99.05					
135.0-136.0	0.12	524.02	0.02	99.07					
136.0-137.0	0.12	524.14	0.02	99.09					
137.0-138.0	0.12	524.27	0.02	99.12					
138.0-139.0	0.13	524.39	0.02	99.14					
139.0-140.0	0.13	524.53	0.03	99.17					
140.0-141.0	0.14	524.67	0.03	99.19					

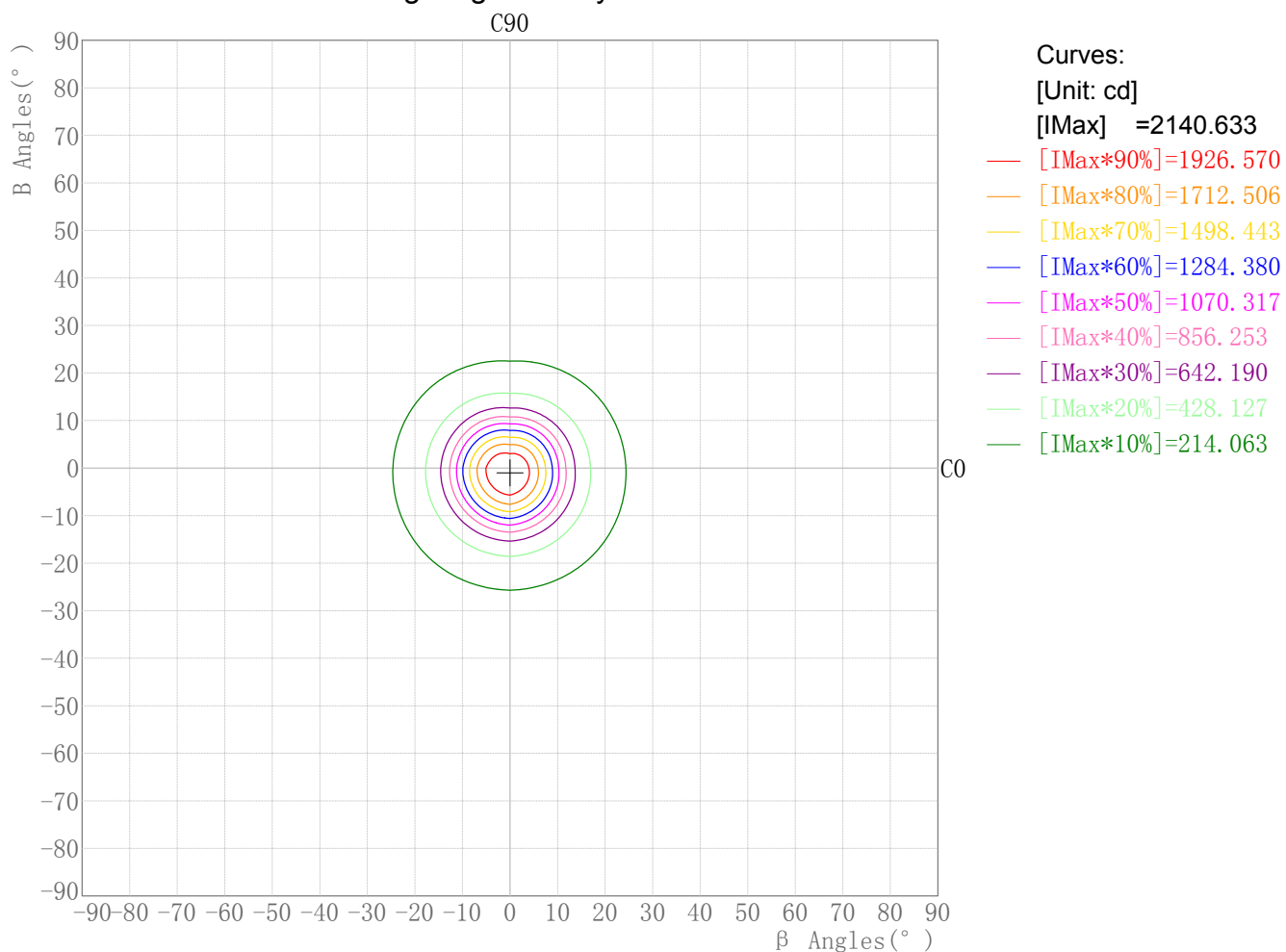
IES Indoor Report

Photometric Filename:MD10-06-XX-03 3000K RA90 24D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-06-XX-03 3000K RA90 24D	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

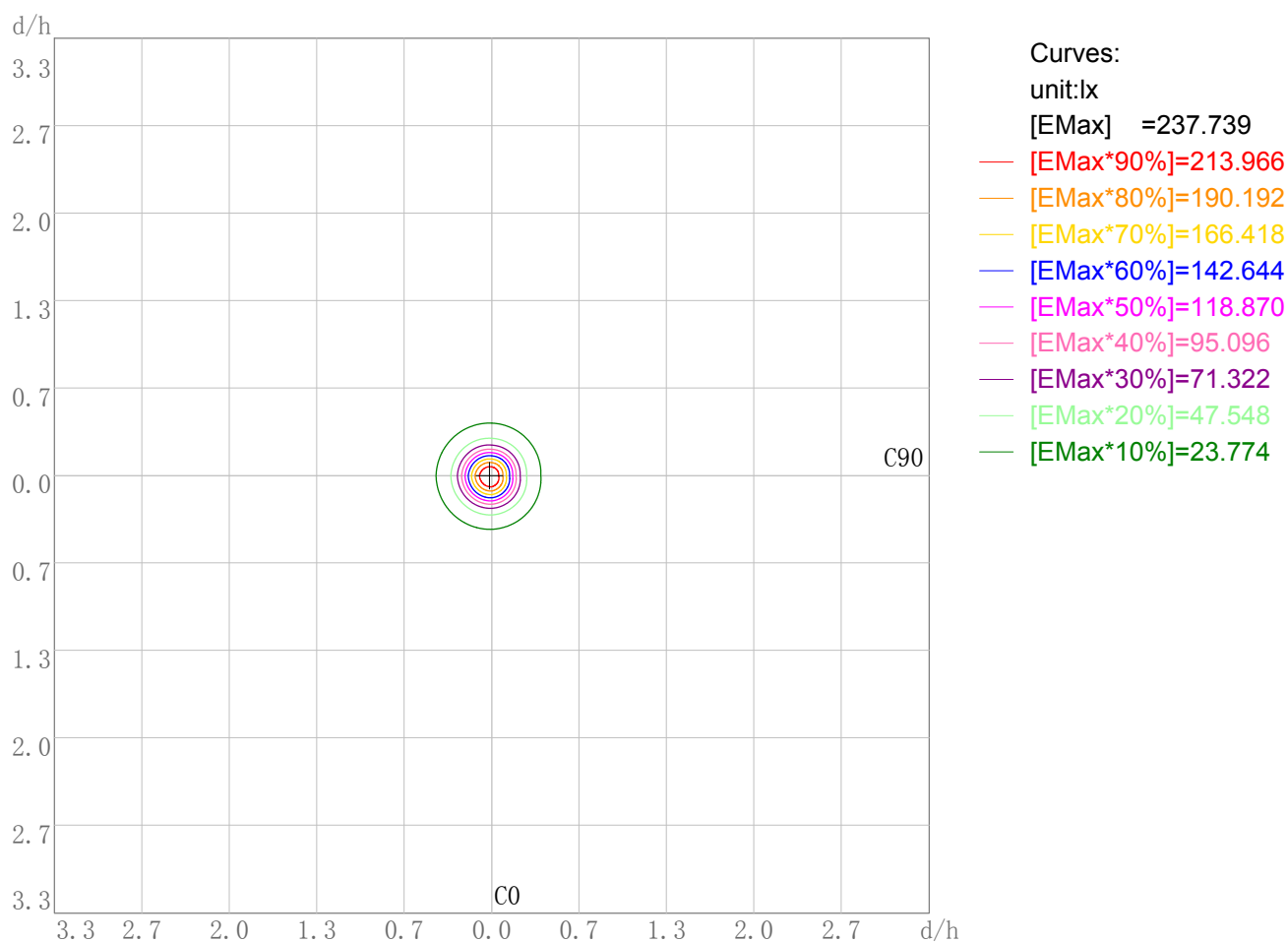
ISO Lighting Intensity Curve



Plane ISO-Illuminance Diagram

Lum. Name: MD10-06-XX-03 3000K RA90 24D	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



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 237.74

Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

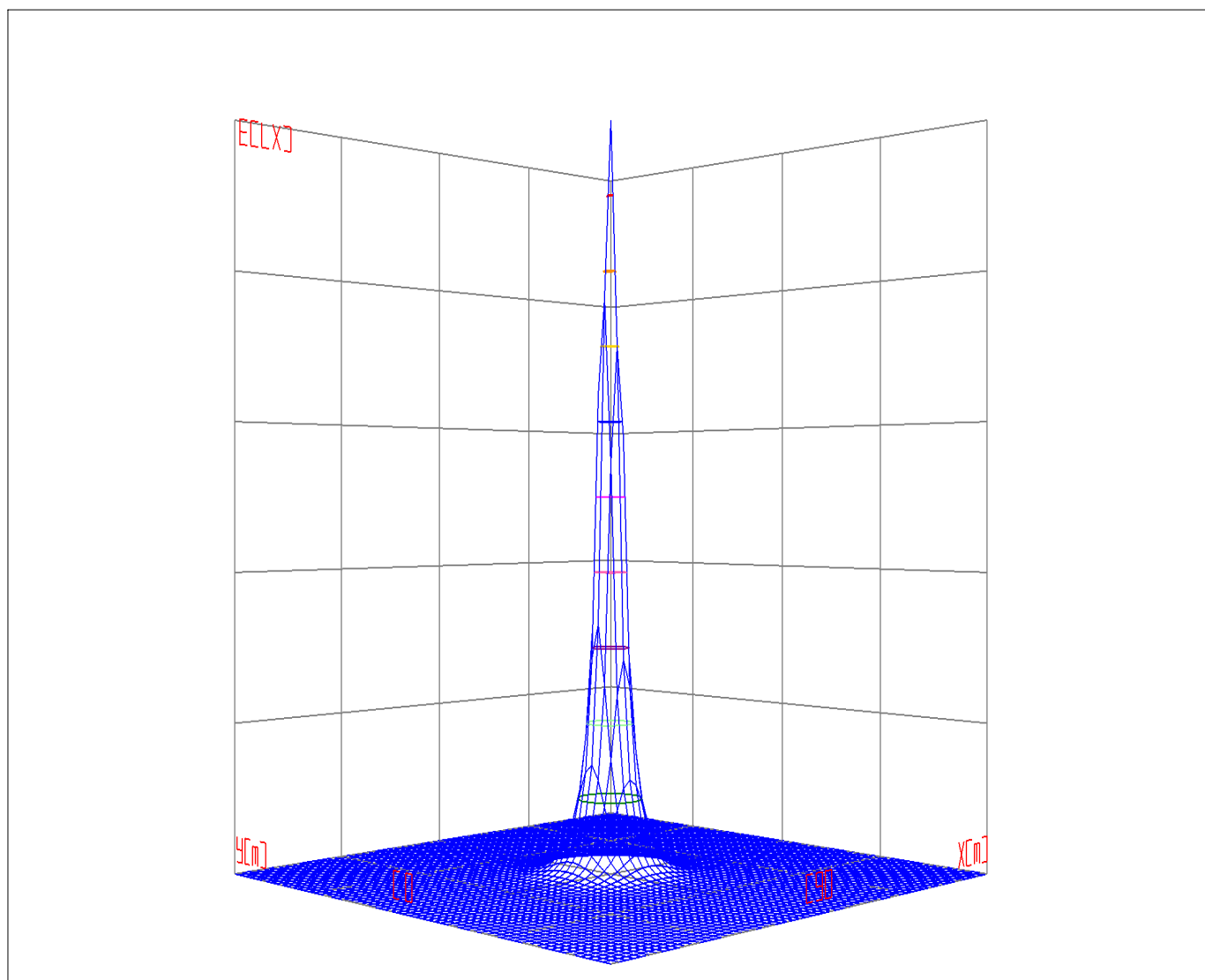
IES Indoor Report

Photometric Filename:MD10-06-XX-03 3000K RA90 24D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-06-XX-03 3000K RA90 24D	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

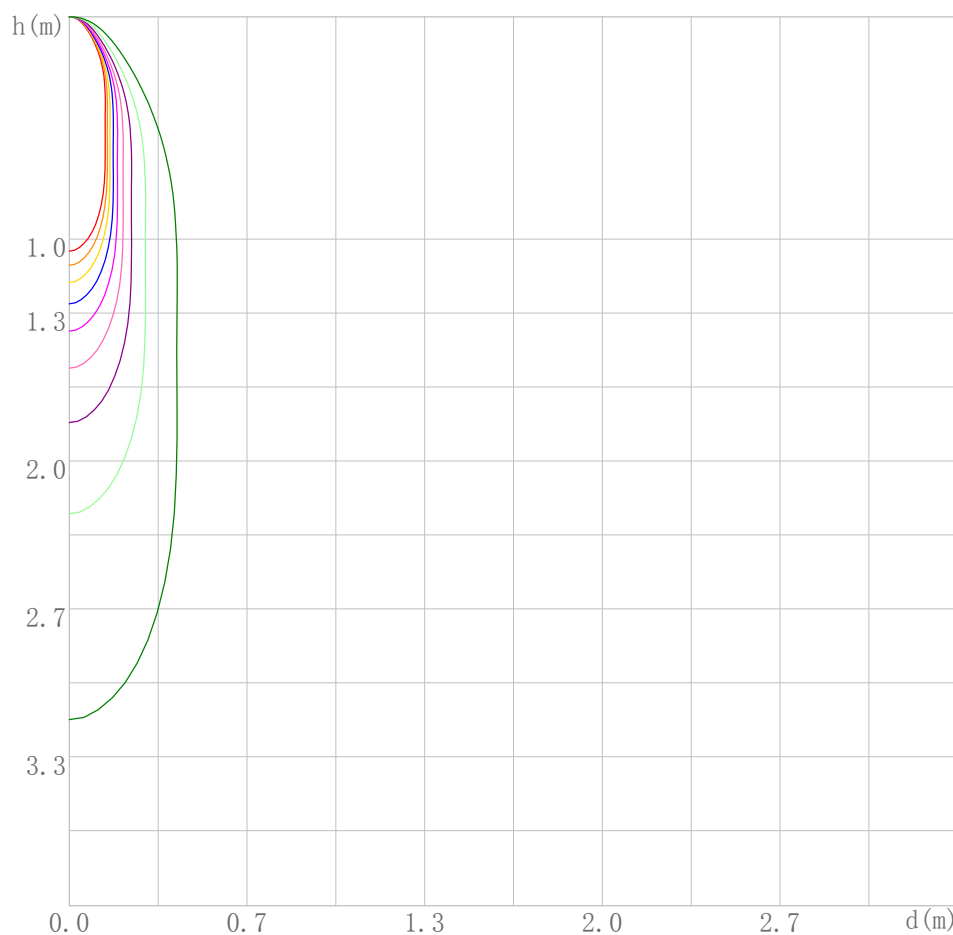


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-06-XX-03 3000K RA90 24D	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



Curves:

[Unit: lx]

[EMax] =2129.618

— [EMax*90%]=1916.656

— [EMax*80%]=1703.694

— [EMax*70%]=1490.733

— [EMax*60%]=1277.771

— [EMax*50%]=1064.809

— [EMax*40%]=851.847

— [EMax*30%]=638.885

— [EMax*20%]=425.924

— [EMax*10%]=212.962

Space Plane Maximum Illuminance and @Angle:2129.62lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:2129.618cd,0deg

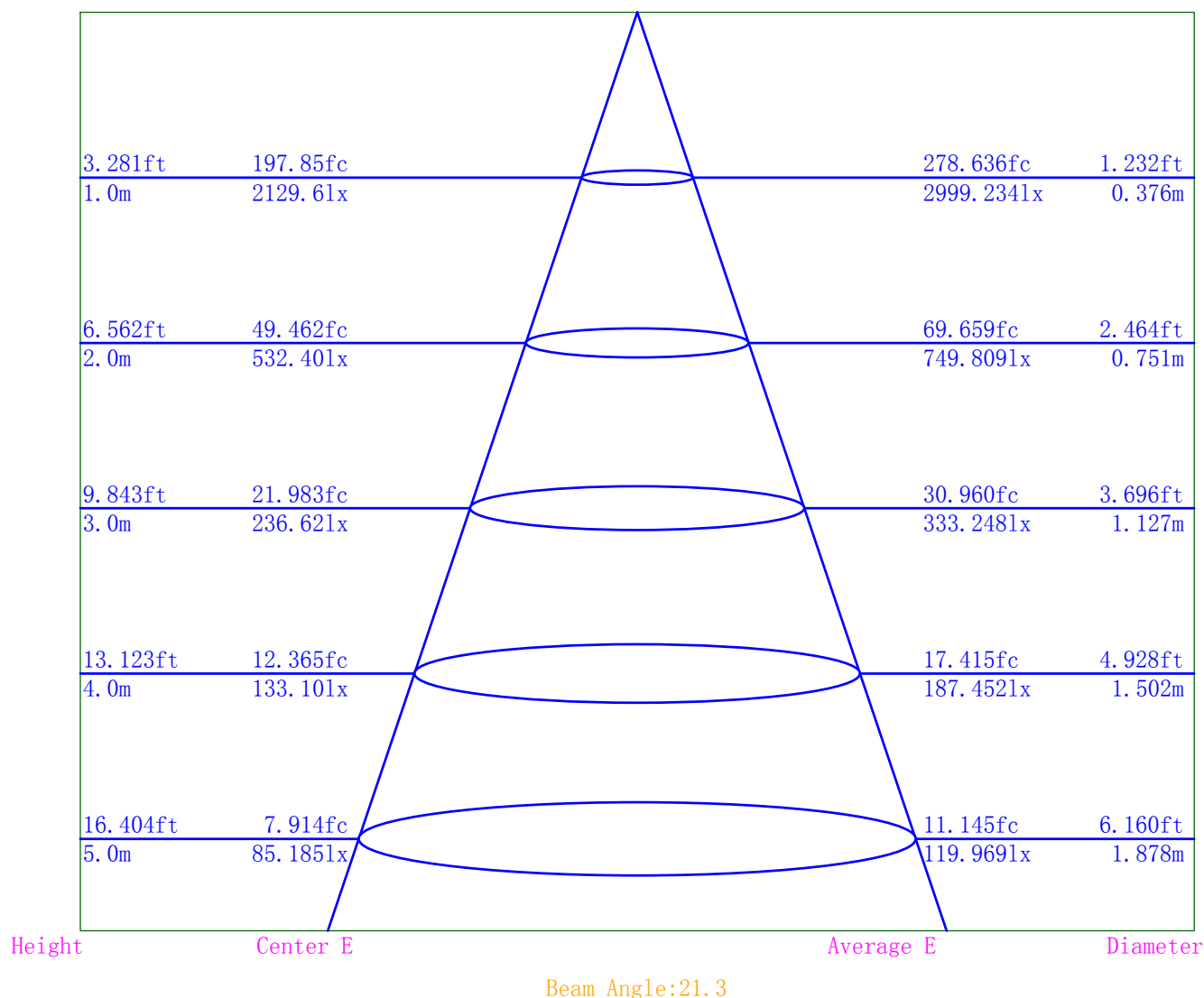
IES Indoor Report

Photometric Filename:MD10-06-XX-03 3000K RA90 24D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-06-XX-03 3000K RA90 24D	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-03 3000K RA90 24D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-06-XX-03 3000K RA90 24D	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

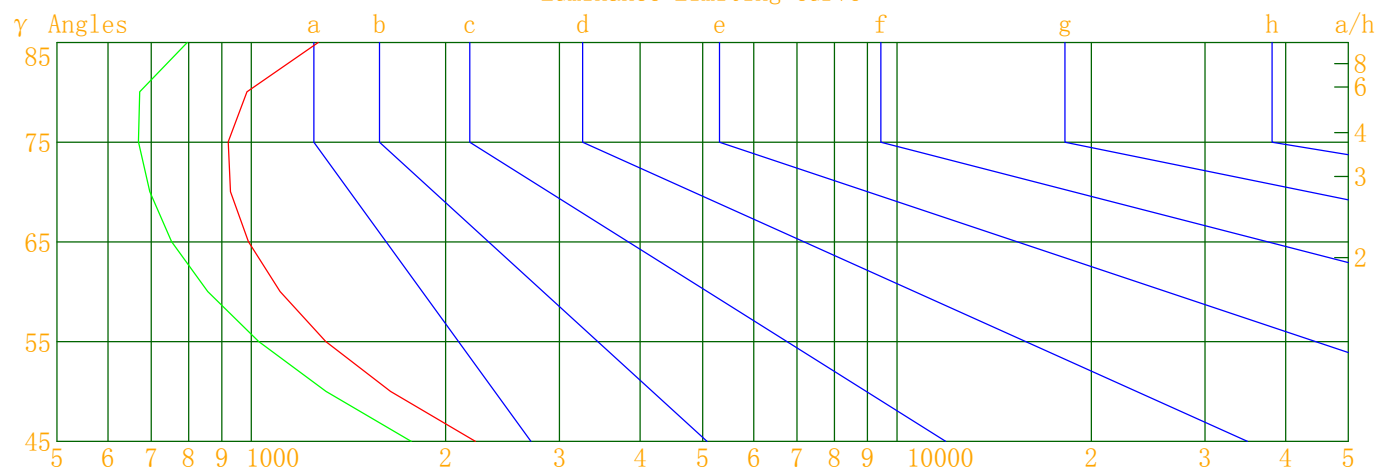
Glare Grade Table

GI	Quality	Using Illuminance							
1.15	A	2000	1000	500	<=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	2224	1643	1304	1108	990	928	921	984	1270
C90	1768	1305	1026	856	753	696	668	671	796

Luminance Limiting Curve



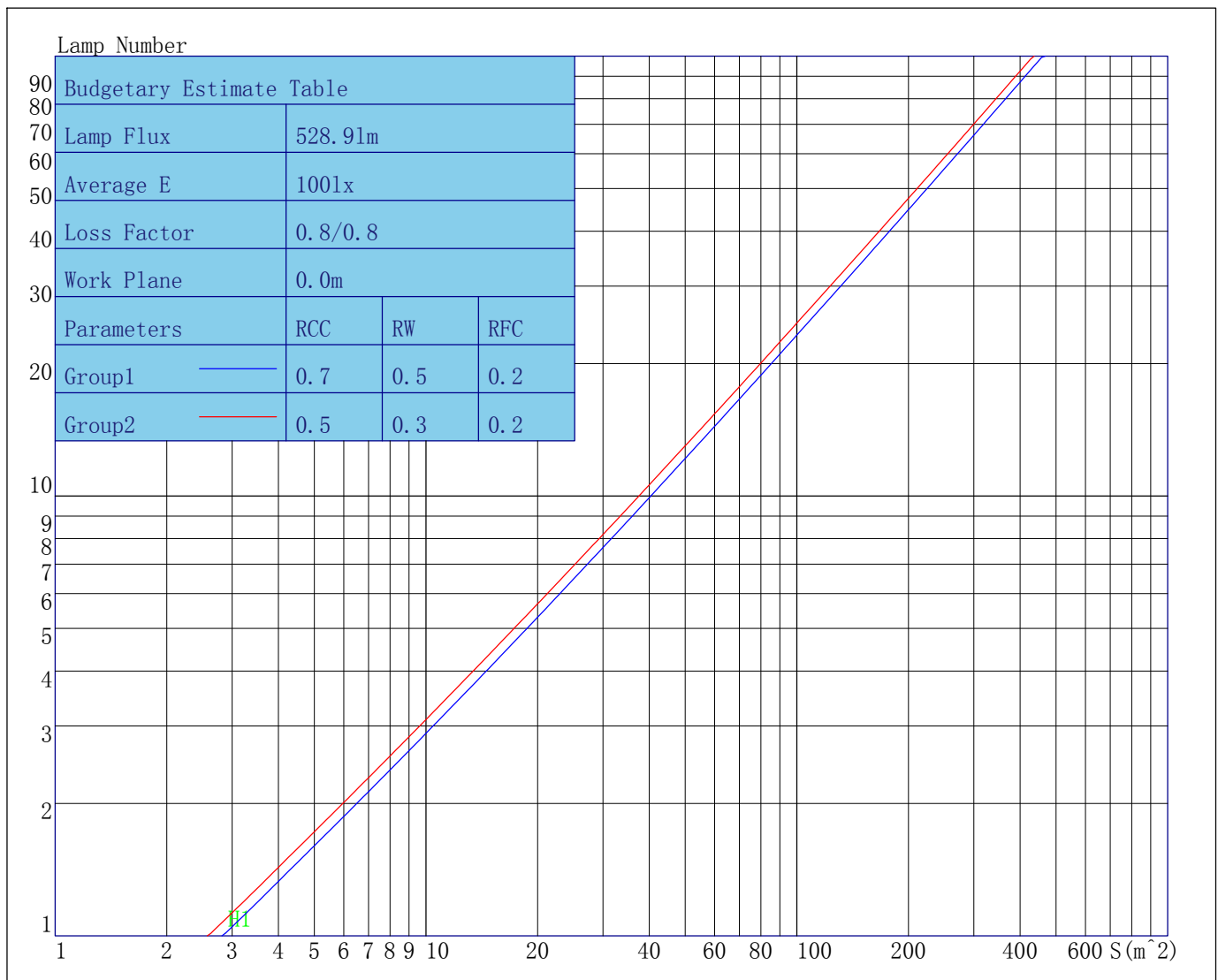
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.350 Area(m^2)=0.020000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-06-XX-03 3000K RA90 24D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-06-XX-03 3000K RA90 24D	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-03 3000K RA90 24D	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	113	111	108	106	111	108	106	104	104	102	101	100	99	98	96	95	94	93
2	108	104	100	97	106	102	99	96	99	96	94	95	93	91	92	91	89	87
3	104	98	94	90	102	97	92	89	94	90	88	91	88	86	89	86	84	83
4	100	93	88	84	98	92	87	84	89	86	83	87	84	81	85	83	80	79
5	96	88	83	80	94	87	83	79	86	81	78	84	80	77	82	79	77	75
6	92	84	79	76	91	84	79	75	82	78	75	81	77	74	79	76	73	72
7	89	81	76	72	87	80	75	72	79	75	71	78	74	71	76	73	70	69
8	86	78	73	69	85	77	72	69	76	72	69	75	71	68	74	70	68	67
9	83	75	70	66	82	74	70	66	73	69	66	72	68	66	71	68	65	64
10	80	72	67	64	79	72	67	64	71	67	64	70	66	63	69	66	63	62

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	2129.62	2129.62	2129.62	2129.62
γ 1.0	2116.93	2076.56	2137.57	2140.63
γ 2.0	2074.12	2011.96	2123.71	2140.63
γ 3.0	2008.44	1929.59	2080.19	2114.15
γ 4.0	1925.36	1826.54	2017.89	2060.97
γ 5.0	1822.13	1701.63	1931.96	1987.12
γ 6.0	1701.48	1565.60	1826.76	1897.24
γ 7.0	1565.71	1420.26	1704.15	1789.41
γ 8.0	1421.52	1269.57	1572.60	1666.12
γ 9.0	1268.22	1114.33	1424.89	1525.07
γ 10.0	1110.94	960.98	1272.41	1376.59
γ 11.0	956.93	822.25	1109.59	1222.93
γ 12.0	821.39	704.22	953.63	1067.44
γ 13.0	705.26	606.72	814.02	920.43
γ 14.0	610.15	528.00	697.12	788.31
γ 15.0	534.27	464.64	600.71	676.03
γ 16.0	473.94	413.63	525.42	583.33
γ 17.0	424.45	370.69	464.69	511.66
γ 18.0	383.42	333.41	415.64	454.77
γ 19.0	347.93	300.87	373.23	407.77
γ 20.0	316.83	272.31	336.98	368.38
γ 21.0	288.53	247.06	304.33	333.77
γ 22.0	263.18	224.14	275.45	302.43
γ 23.0	240.82	204.17	249.67	275.02
γ 24.0	221.10	186.40	226.77	250.12
γ 25.0	202.73	169.96	206.99	228.01
γ 26.0	185.80	154.76	188.97	207.85
γ 27.0	169.79	140.56	172.09	189.60
γ 28.0	155.35	127.50	157.14	172.98
γ 29.0	141.81	115.33	143.05	157.50
γ 30.0	129.46	104.25	130.10	143.26
γ 31.0	117.75	94.33	118.15	130.26
γ 32.0	107.19	85.22	107.21	118.25
γ 33.0	97.36	76.90	96.94	107.17
γ 34.0	88.34	69.67	87.92	97.09
γ 35.0	80.06	63.08	79.58	87.89
γ 36.0	72.62	57.16	72.30	79.64
γ 37.0	65.90	51.88	65.67	72.30
γ 38.0	59.83	47.12	59.83	65.74
γ 39.0	54.36	42.85	54.51	59.81
γ 40.0	49.37	39.02	49.73	54.51
γ 41.0	44.91	35.59	45.46	49.72
γ 42.0	41.01	32.45	41.60	45.44
γ 43.0	37.46	29.71	38.02	41.53
γ 44.0	34.31	27.23	34.84	38.01
γ 45.0	31.45	25.01	31.93	34.80
γ 46.0	28.93	22.98	29.37	31.94

IES Indoor Report

Photometric Filename:MD10-06-XX-03 3000K RA90 24D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	26.61	21.18	27.03	29.35
γ 48.0	24.60	19.58	24.95	27.02
γ 49.0	22.76	18.12	23.03	24.94
γ 50.0	21.12	16.78	21.31	23.06
γ 51.0	19.64	15.59	19.72	21.36
γ 52.0	18.33	14.49	18.32	19.86
γ 53.0	17.11	13.50	17.04	18.48
γ 54.0	15.99	12.58	15.88	17.26
γ 55.0	14.96	11.77	14.79	16.13
γ 56.0	14.08	11.05	13.82	15.10
γ 57.0	13.26	10.38	12.91	14.17
γ 58.0	12.49	9.72	12.10	13.33
γ 59.0	11.79	9.11	11.36	12.55
γ 60.0	11.08	8.56	10.65	11.82
γ 61.0	10.47	8.05	10.00	11.17
γ 62.0	9.90	7.57	9.42	10.57
γ 63.0	9.36	7.13	8.85	9.99
γ 64.0	8.85	6.72	8.36	9.46
γ 65.0	8.36	6.36	7.89	8.96
γ 66.0	7.92	6.02	7.44	8.50
γ 67.0	7.50	5.68	7.02	8.05
γ 68.0	7.10	5.36	6.64	7.64
γ 69.0	6.72	5.06	6.25	7.24
γ 70.0	6.35	4.76	5.90	6.86
γ 71.0	6.02	4.49	5.55	6.49
γ 72.0	5.68	4.22	5.22	6.16
γ 73.0	5.36	3.95	4.90	5.84
γ 74.0	5.06	3.70	4.60	5.51
γ 75.0	4.77	3.46	4.30	5.21
γ 76.0	4.48	3.23	4.01	4.91
γ 77.0	4.20	2.99	3.75	4.63
γ 78.0	3.94	2.79	3.49	4.36
γ 79.0	3.68	2.57	3.24	4.10
γ 80.0	3.42	2.33	2.98	3.84
γ 81.0	3.15	2.08	2.74	3.59
γ 82.0	2.87	1.88	2.48	3.34
γ 83.0	2.65	1.69	2.22	3.06
γ 84.0	2.42	1.52	2.01	2.80
γ 85.0	2.21	1.39	1.81	2.59
γ 86.0	2.06	1.25	1.62	2.35
γ 87.0	1.92	1.18	1.49	2.19
γ 88.0	1.84	1.14	1.35	2.03
γ 89.0	1.78	1.10	1.28	1.91
γ 90.0	1.72	1.06	1.22	1.83
γ 91.0	1.67	1.02	1.17	1.75
γ 92.0	1.62	0.99	1.13	1.69
γ 93.0	1.56	0.96	1.08	1.63

IES Indoor Report

Photometric Filename:MD10-06-XX-03 3000K RA90 24D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.52	0.93	1.03	1.57
γ 95.0	1.48	0.90	1.00	1.51
γ 96.0	1.43	0.87	0.95	1.46
γ 97.0	1.39	0.85	0.91	1.40
γ 98.0	1.36	0.83	0.88	1.35
γ 99.0	1.32	0.80	0.86	1.31
γ 100.0	1.29	0.78	0.83	1.26
γ 101.0	1.26	0.77	0.80	1.23
γ 102.0	1.23	0.75	0.78	1.19
γ 103.0	1.22	0.74	0.77	1.16
γ 104.0	1.18	0.72	0.75	1.14
γ 105.0	1.16	0.72	0.74	1.11
γ 106.0	1.15	0.71	0.73	1.09
γ 107.0	1.12	0.70	0.72	1.07
γ 108.0	1.11	0.68	0.72	1.05
γ 109.0	1.09	0.68	0.71	1.03
γ 110.0	1.07	0.68	0.71	1.02
γ 111.0	1.05	0.67	0.72	1.01
γ 112.0	1.03	0.66	0.72	1.01
γ 113.0	1.01	0.64	0.72	1.00
γ 114.0	0.99	0.63	0.73	1.00
γ 115.0	0.98	0.63	0.73	1.00
γ 116.0	0.97	0.62	0.75	0.99
γ 117.0	0.95	0.62	0.76	0.98
γ 118.0	0.94	0.62	0.77	0.99
γ 119.0	0.93	0.62	0.79	0.99
γ 120.0	0.93	0.63	0.80	0.99
γ 121.0	0.93	0.65	0.82	1.01
γ 122.0	0.94	0.66	0.85	1.02
γ 123.0	0.95	0.69	0.87	1.03
γ 124.0	0.96	0.71	0.89	1.07
γ 125.0	0.98	0.74	0.93	1.07
γ 126.0	1.01	0.78	0.97	1.10
γ 127.0	1.03	0.81	1.00	1.12
γ 128.0	1.07	0.87	1.04	1.14
γ 129.0	1.12	0.92	1.09	1.18
γ 130.0	1.16	0.98	1.12	1.22
γ 131.0	1.20	1.04	1.18	1.26
γ 132.0	1.26	1.11	1.25	1.31
γ 133.0	1.33	1.18	1.32	1.37
γ 134.0	1.41	1.26	1.40	1.44
γ 135.0	1.47	1.35	1.49	1.51
γ 136.0	1.57	1.44	1.58	1.60
γ 137.0	1.66	1.55	1.67	1.67
γ 138.0	1.75	1.65	1.78	1.76
γ 139.0	1.85	1.77	1.88	1.87
γ 140.0	1.95	1.87	1.98	1.97

IES Indoor Report

Photometric Filename:MD10-06-XX-03 3000K RA90 24D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.05	1.98	2.10	2.07
γ 142.0	2.16	2.09	2.21	2.18
γ 143.0	2.27	2.20	2.32	2.29
γ 144.0	2.38	2.31	2.44	2.41
γ 145.0	2.48	2.43	2.55	2.51
γ 146.0	2.60	2.54	2.66	2.62
γ 147.0	2.69	2.62	2.75	2.72
γ 148.0	2.79	2.72	2.85	2.82
γ 149.0	2.88	2.81	2.94	2.91
γ 150.0	2.97	2.88	3.03	3.00
γ 151.0	3.05	2.96	3.11	3.07
γ 152.0	3.13	3.02	3.18	3.14
γ 153.0	3.18	3.08	3.24	3.21
γ 154.0	3.24	3.13	3.29	3.26
γ 155.0	3.30	3.17	3.35	3.32
γ 156.0	3.35	3.21	3.40	3.36
γ 157.0	3.40	3.24	3.44	3.40
γ 158.0	3.44	3.28	3.47	3.44
γ 159.0	3.48	3.30	3.50	3.47
γ 160.0	3.50	3.34	3.55	3.51
γ 161.0	3.53	3.38	3.57	3.53
γ 162.0	3.57	3.41	3.59	3.55
γ 163.0	3.60	3.43	3.62	3.56
γ 164.0	3.61	3.46	3.63	3.59
γ 165.0	3.63	3.47	3.64	3.60
γ 166.0	3.65	3.48	3.66	3.61
γ 167.0	3.66	3.50	3.67	3.61
γ 168.0	3.66	3.51	3.68	3.61
γ 169.0	3.66	3.51	3.67	3.61
γ 170.0	3.65	3.50	3.67	3.61
γ 171.0	3.66	3.50	3.65	3.60
γ 172.0	3.64	3.48	3.63	3.58
γ 173.0	3.63	3.47	3.62	3.57
γ 174.0	3.62	3.46	3.59	3.55
γ 175.0	3.61	3.46	3.59	3.54
γ 176.0	3.60	3.46	3.56	3.53
γ 177.0	3.59	3.46	3.55	3.51
γ 178.0	3.60	3.46	3.56	3.52
γ 179.0	3.59	3.44	3.56	3.53
γ 180.0	3.55	3.55	3.55	3.55