

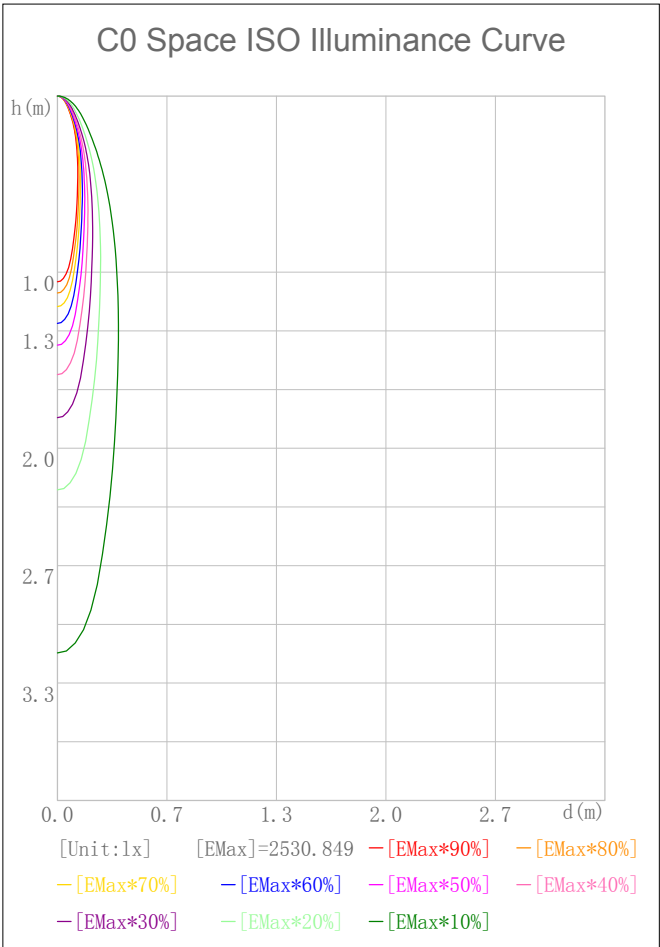
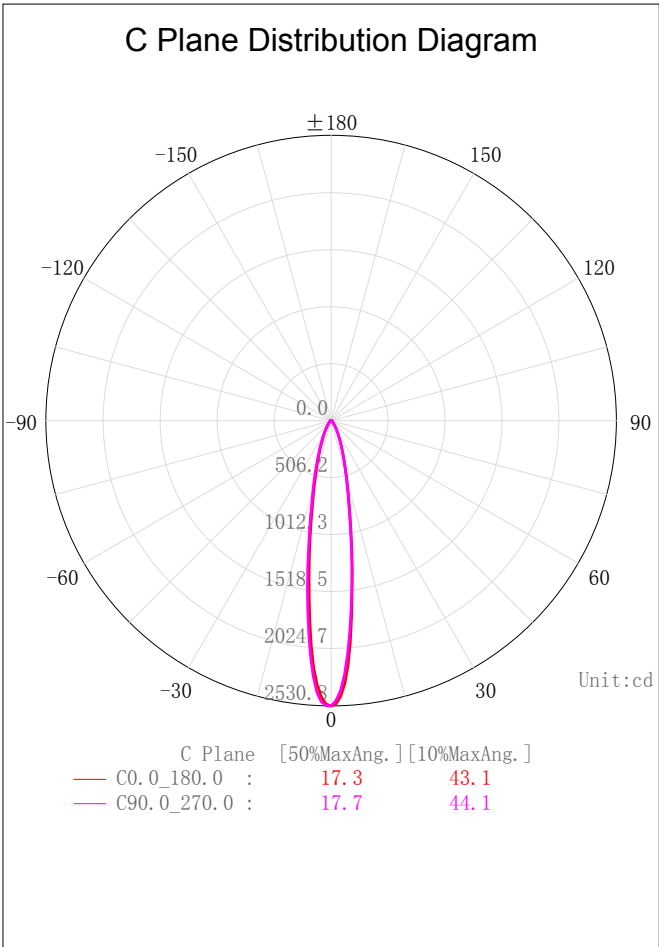
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-06-XX-03 2700K RA90 15D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/12/11
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

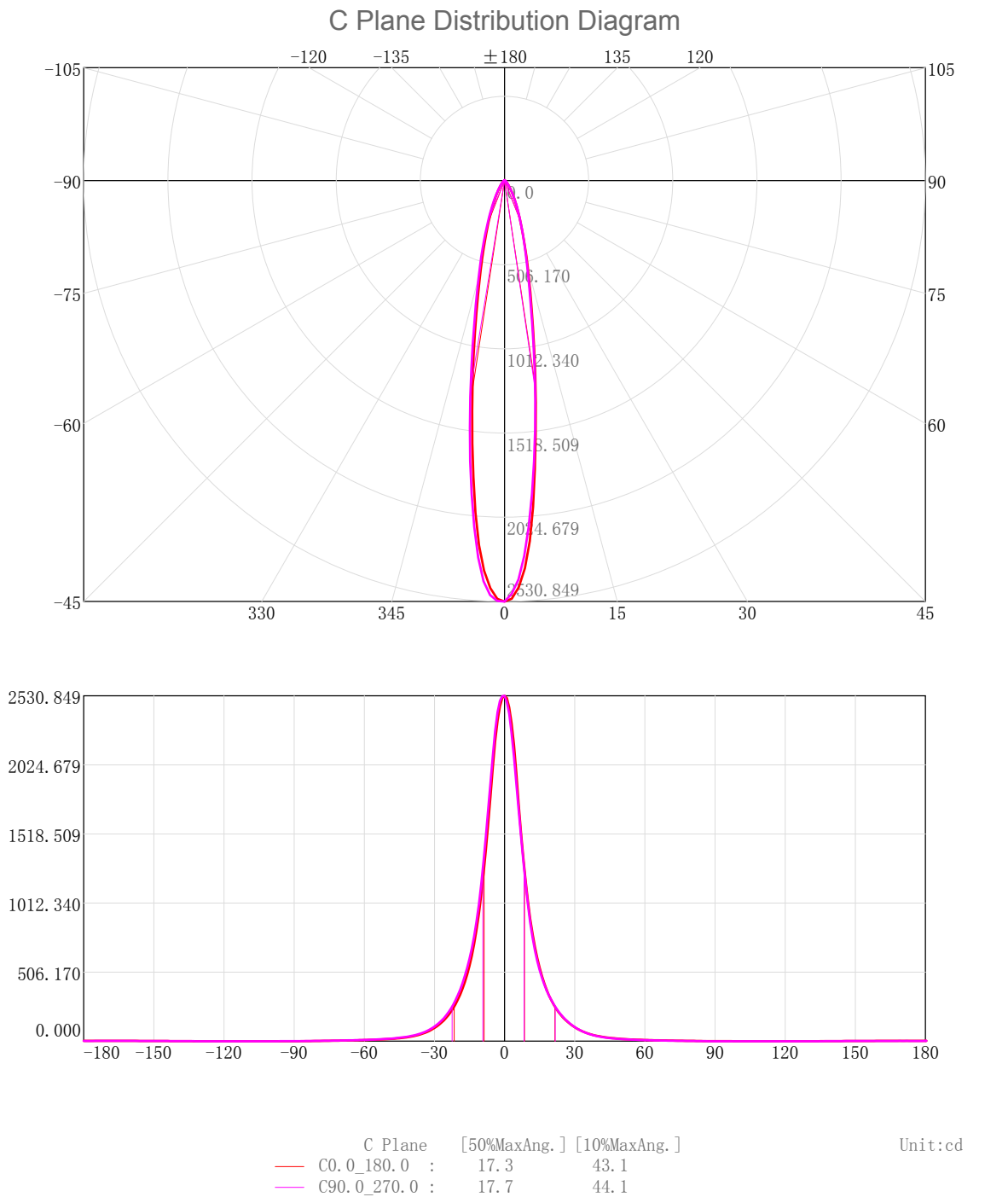
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 485.090	Luminary Flux(lm): 485.092	Field Angle(10%Imax): 43.1(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 480.954lm 99.15%	
Rated Voltage(V):	Luminary EER(lm/W): 87.090	Up Lumens&Percent: 4.139lm 0.85%	
Tested Power(W): 5.570	Max. Candela(cd): 2530.849	S/MH: C0_a180=0.295 C90_270=0.302	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.3, 0.026, 0.869	Beam Angle(50%Imax): 17.3(°)	ErP Φ use(90°): 446.134lm	
Lamp Size (W*L*H):0.050m*0.050m*0.350m	Left=-8.8°, Right=8.5°	IRF(%): 1138.608	



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-06-XX-03 2700K RA90 15D	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: 2019/12/11



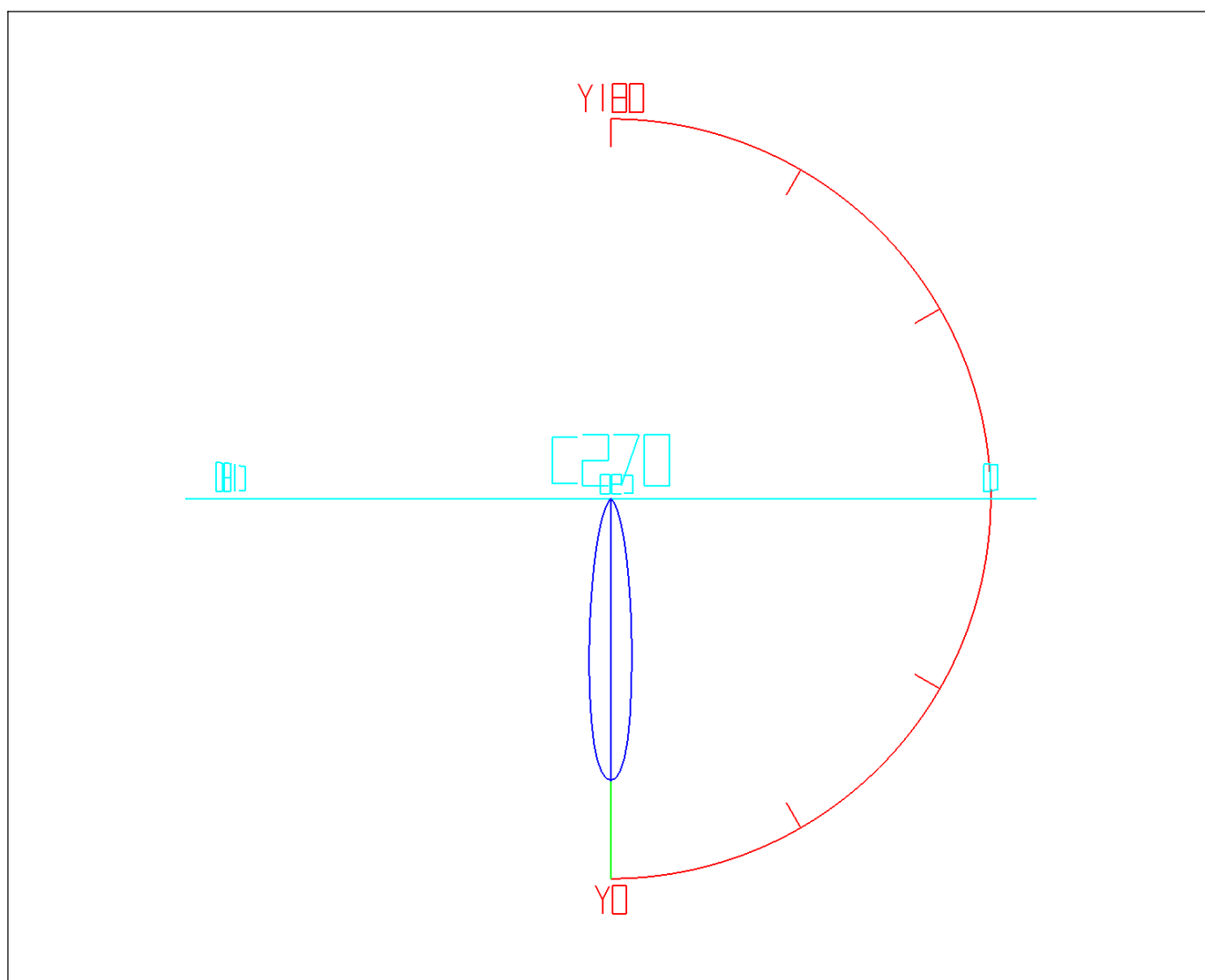
# IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 15D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: MD10-06-XX-03 2700K RA90 15D	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: 2019/12/11

## 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	2.41	2.41	0.50	0.50	47.0-48.0	1.61	454.98	0.33	93.79
1.0-2.0	7.12	9.53	1.47	1.96	48.0-49.0	1.52	456.50	0.31	94.11
2.0-3.0	11.45	20.97	2.36	4.32	49.0-50.0	1.44	457.94	0.30	94.40
3.0-4.0	15.13	36.11	3.12	7.44	50.0-51.0	1.36	459.31	0.28	94.68
4.0-5.0	17.94	54.05	3.70	11.14	51.0-52.0	1.29	460.60	0.27	94.95
5.0-6.0	19.82	73.87	4.08	15.23	52.0-53.0	1.23	461.83	0.25	95.20
6.0-7.0	20.89	94.75	4.31	19.53	53.0-54.0	1.17	463.00	0.24	95.45
7.0-8.0	21.31	116.06	4.39	23.92	54.0-55.0	1.11	464.11	0.23	95.68
8.0-9.0	21.19	137.24	4.37	28.29	55.0-56.0	1.06	465.18	0.22	95.90
9.0-10.0	20.66	157.91	4.26	32.55	56.0-57.0	1.01	466.19	0.21	96.10
10.0-11.0	19.86	177.76	4.09	36.64	57.0-58.0	0.97	467.16	0.20	96.30
11.0-12.0	18.92	196.68	3.90	40.55	58.0-59.0	0.92	468.08	0.19	96.49
12.0-13.0	17.97	214.65	3.70	44.25	59.0-60.0	0.88	468.95	0.18	96.67
13.0-14.0	17.06	231.71	3.52	47.77	60.0-61.0	0.83	469.79	0.17	96.85
14.0-15.0	16.18	247.89	3.33	51.10	61.0-62.0	0.79	470.58	0.16	97.01
15.0-16.0	15.33	263.21	3.16	54.26	62.0-63.0	0.75	471.34	0.16	97.16
16.0-17.0	14.49	277.70	2.99	57.25	63.0-64.0	0.72	472.05	0.15	97.31
17.0-18.0	13.65	291.35	2.81	60.06	64.0-65.0	0.68	472.74	0.14	97.45
18.0-19.0	12.84	304.19	2.65	62.71	65.0-66.0	0.65	473.38	0.13	97.59
19.0-20.0	12.04	316.23	2.48	65.19	66.0-67.0	0.62	474.00	0.13	97.71
20.0-21.0	11.27	327.50	2.32	67.51	67.0-68.0	0.58	474.58	0.12	97.83
21.0-22.0	10.53	338.03	2.17	69.68	68.0-69.0	0.56	475.14	0.11	97.95
22.0-23.0	9.84	347.87	2.03	71.71	69.0-70.0	0.53	475.67	0.11	98.06
23.0-24.0	9.19	357.06	1.89	73.61	70.0-71.0	0.50	476.17	0.10	98.16
24.0-25.0	8.57	365.62	1.77	75.37	71.0-72.0	0.47	476.64	0.10	98.26
25.0-26.0	7.97	373.59	1.64	77.01	72.0-73.0	0.45	477.08	0.09	98.35
26.0-27.0	7.39	380.98	1.52	78.54	73.0-74.0	0.42	477.50	0.09	98.44
27.0-28.0	6.85	387.83	1.41	79.95	74.0-75.0	0.40	477.90	0.08	98.52
28.0-29.0	6.34	394.17	1.31	81.26	75.0-76.0	0.37	478.27	0.08	98.59
29.0-30.0	5.86	400.03	1.21	82.47	76.0-77.0	0.35	478.62	0.07	98.67
30.0-31.0	5.42	405.45	1.12	83.58	77.0-78.0	0.32	478.94	0.07	98.73
31.0-32.0	5.00	410.45	1.03	84.61	78.0-79.0	0.30	479.24	0.06	98.79
32.0-33.0	4.61	415.06	0.95	85.56	79.0-80.0	0.28	479.52	0.06	98.85
33.0-34.0	4.25	419.31	0.88	86.44	80.0-81.0	0.25	479.77	0.05	98.90
34.0-35.0	3.93	423.24	0.81	87.25	81.0-82.0	0.23	479.99	0.05	98.95
35.0-36.0	3.63	426.86	0.75	88.00	82.0-83.0	0.20	480.19	0.04	98.99
36.0-37.0	3.35	430.22	0.69	88.69	83.0-84.0	0.17	480.36	0.04	99.03
37.0-38.0	3.11	433.33	0.64	89.33	84.0-85.0	0.15	480.51	0.03	99.06
38.0-39.0	2.88	436.21	0.59	89.92	85.0-86.0	0.12	480.63	0.03	99.08
39.0-40.0	2.68	438.89	0.55	90.48	86.0-87.0	0.10	480.73	0.02	99.10
40.0-41.0	2.49	441.38	0.51	90.99	87.0-88.0	0.08	480.81	0.02	99.12
41.0-42.0	2.33	443.71	0.48	91.47	88.0-89.0	0.07	480.89	0.02	99.13
42.0-43.0	2.18	445.88	0.45	91.92	89.0-90.0	0.07	480.95	0.01	99.15
43.0-44.0	2.04	447.93	0.42	92.34	90.0-91.0	0.06	481.01	0.01	99.16
44.0-45.0	1.92	449.85	0.40	92.74	91.0-92.0	0.05	481.07	0.01	99.17
45.0-46.0	1.81	451.66	0.37	93.11	92.0-93.0	0.05	481.12	0.01	99.18
46.0-47.0	1.71	453.37	0.35	93.46	93.0-94.0	0.04	481.16	0.01	99.19

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	0.04	481.20	0.01	99.20	141.0-142.0	0.08	482.24	0.02	99.41
95.0-96.0	0.04	481.24	0.01	99.21	142.0-143.0	0.09	482.32	0.02	99.43
96.0-97.0	0.03	481.27	0.01	99.21	143.0-144.0	0.09	482.42	0.02	99.45
97.0-98.0	0.03	481.30	0.01	99.22	144.0-145.0	0.10	482.51	0.02	99.47
98.0-99.0	0.02	481.32	0.01	99.22	145.0-146.0	0.10	482.61	0.02	99.49
99.0-100.0	0.02	481.34	0.00	99.23	146.0-147.0	0.10	482.72	0.02	99.51
100.0-101.0	0.02	481.36	0.00	99.23	147.0-148.0	0.11	482.83	0.02	99.53
101.0-102.0	0.02	481.38	0.00	99.24	148.0-149.0	0.11	482.94	0.02	99.56
102.0-103.0	0.02	481.40	0.00	99.24	149.0-150.0	0.11	483.05	0.02	99.58
103.0-104.0	0.02	481.42	0.00	99.24	150.0-151.0	0.11	483.16	0.02	99.60
104.0-105.0	0.01	481.43	0.00	99.25	151.0-152.0	0.11	483.27	0.02	99.63
105.0-106.0	0.01	481.45	0.00	99.25	152.0-153.0	0.11	483.38	0.02	99.65
106.0-107.0	0.01	481.46	0.00	99.25	153.0-154.0	0.11	483.49	0.02	99.67
107.0-108.0	0.01	481.47	0.00	99.25	154.0-155.0	0.11	483.60	0.02	99.69
108.0-109.0	0.01	481.48	0.00	99.26	155.0-156.0	0.11	483.71	0.02	99.72
109.0-110.0	0.01	481.49	0.00	99.26	156.0-157.0	0.10	483.82	0.02	99.74
110.0-111.0	0.01	481.50	0.00	99.26	157.0-158.0	0.10	483.92	0.02	99.76
111.0-112.0	0.01	481.51	0.00	99.26	158.0-159.0	0.10	484.02	0.02	99.78
112.0-113.0	0.01	481.52	0.00	99.26	159.0-160.0	0.10	484.11	0.02	99.80
113.0-114.0	0.01	481.52	0.00	99.26	160.0-161.0	0.09	484.21	0.02	99.82
114.0-115.0	0.01	481.53	0.00	99.27	161.0-162.0	0.09	484.30	0.02	99.84
115.0-116.0	0.01	481.53	0.00	99.27	162.0-163.0	0.08	484.38	0.02	99.85
116.0-117.0	0.01	481.54	0.00	99.27	163.0-164.0	0.08	484.46	0.02	99.87
117.0-118.0	0.01	481.54	0.00	99.27	164.0-165.0	0.08	484.54	0.02	99.89
118.0-119.0	0.00	481.55	0.00	99.27	165.0-166.0	0.07	484.61	0.01	99.90
119.0-120.0	0.00	481.55	0.00	99.27	166.0-167.0	0.07	484.67	0.01	99.91
120.0-121.0	0.00	481.56	0.00	99.27	167.0-168.0	0.06	484.74	0.01	99.93
121.0-122.0	0.01	481.56	0.00	99.27	168.0-169.0	0.06	484.79	0.01	99.94
122.0-123.0	0.01	481.57	0.00	99.27	169.0-170.0	0.05	484.85	0.01	99.95
123.0-124.0	0.01	481.58	0.00	99.28	170.0-171.0	0.05	484.89	0.01	99.96
124.0-125.0	0.01	481.58	0.00	99.28	171.0-172.0	0.04	484.94	0.01	99.97
125.0-126.0	0.01	481.59	0.00	99.28	172.0-173.0	0.04	484.97	0.01	99.98
126.0-127.0	0.01	481.60	0.00	99.28	173.0-174.0	0.03	485.01	0.01	99.98
127.0-128.0	0.01	481.62	0.00	99.28	174.0-175.0	0.03	485.03	0.01	99.99
128.0-129.0	0.02	481.63	0.00	99.29	175.0-176.0	0.02	485.05	0.00	99.99
129.0-130.0	0.02	481.65	0.00	99.29	176.0-177.0	0.02	485.07	0.00	100.00
130.0-131.0	0.02	481.67	0.00	99.30	177.0-178.0	0.01	485.08	0.00	100.00
131.0-132.0	0.03	481.70	0.01	99.30	178.0-179.0	0.01	485.09	0.00	100.00
132.0-133.0	0.03	481.73	0.01	99.31	179.0-180.0	0.00	485.09	0.00	100.00
133.0-134.0	0.03	481.76	0.01	99.31					
134.0-135.0	0.04	481.80	0.01	99.32					
135.0-136.0	0.04	481.85	0.01	99.33					
136.0-137.0	0.05	481.90	0.01	99.34					
137.0-138.0	0.06	481.95	0.01	99.35					
138.0-139.0	0.06	482.01	0.01	99.37					
139.0-140.0	0.07	482.08	0.01	99.38					
140.0-141.0	0.07	482.16	0.02	99.40					

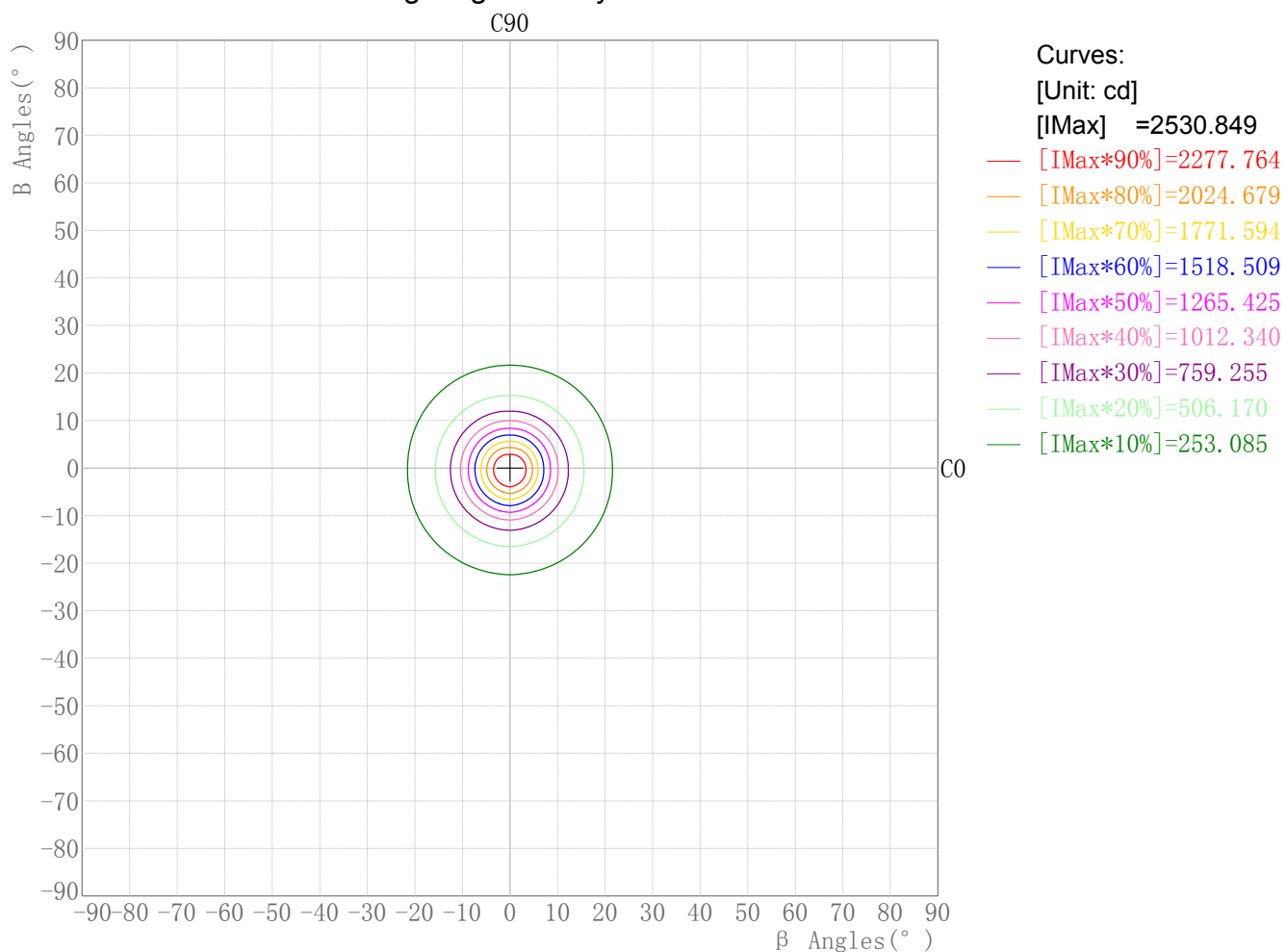
# IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 15D.IES

## Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-06-XX-03 2700K RA90 15D	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: 2019/12/11

### ISO Lighting Intensity Curve



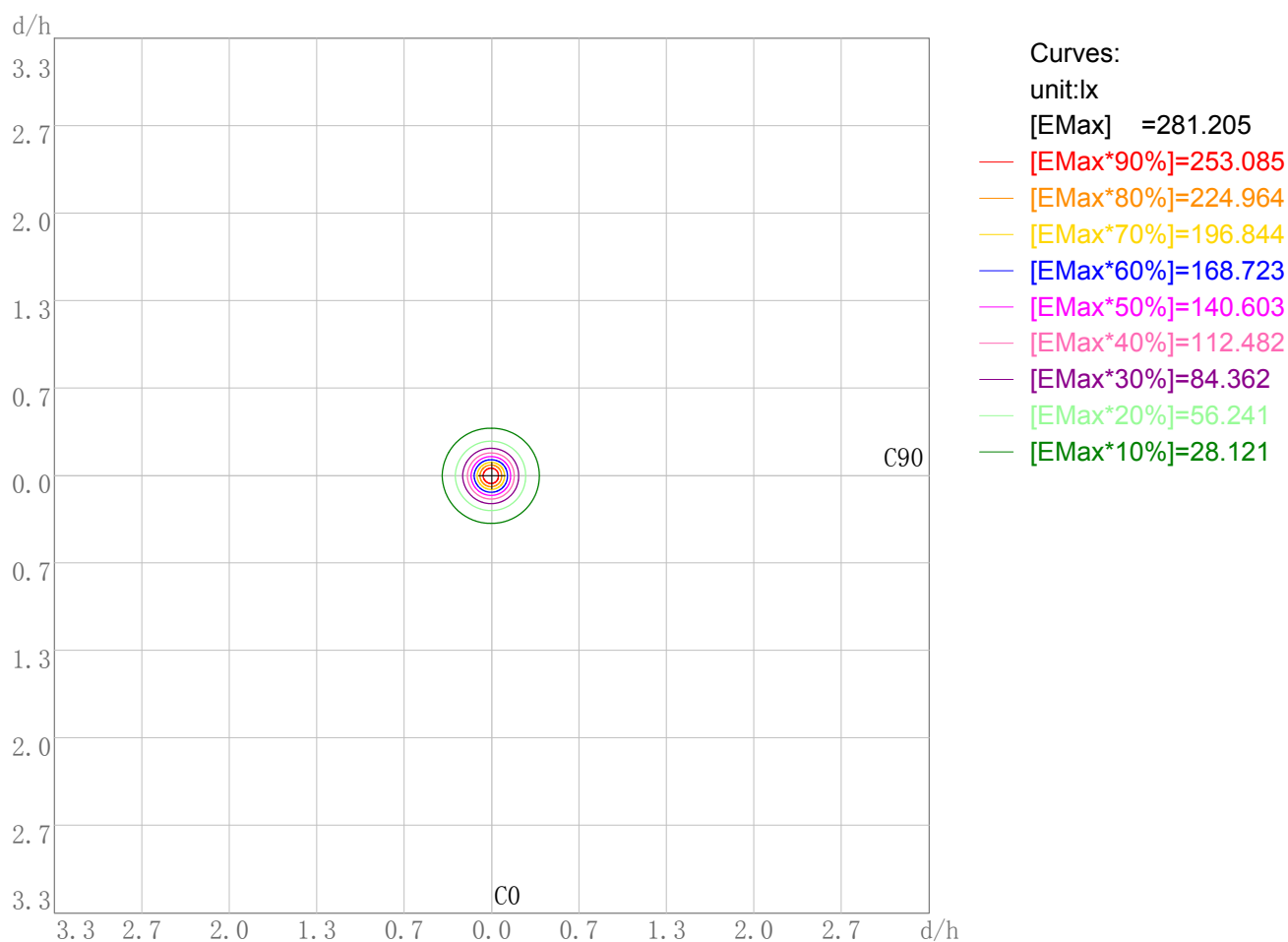
# IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 15D.IES

## Plane ISO-Illuminance Diagram

Lum. Name: MD10-06-XX-03 2700K RA90 15D	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: 2019/12/11

## Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

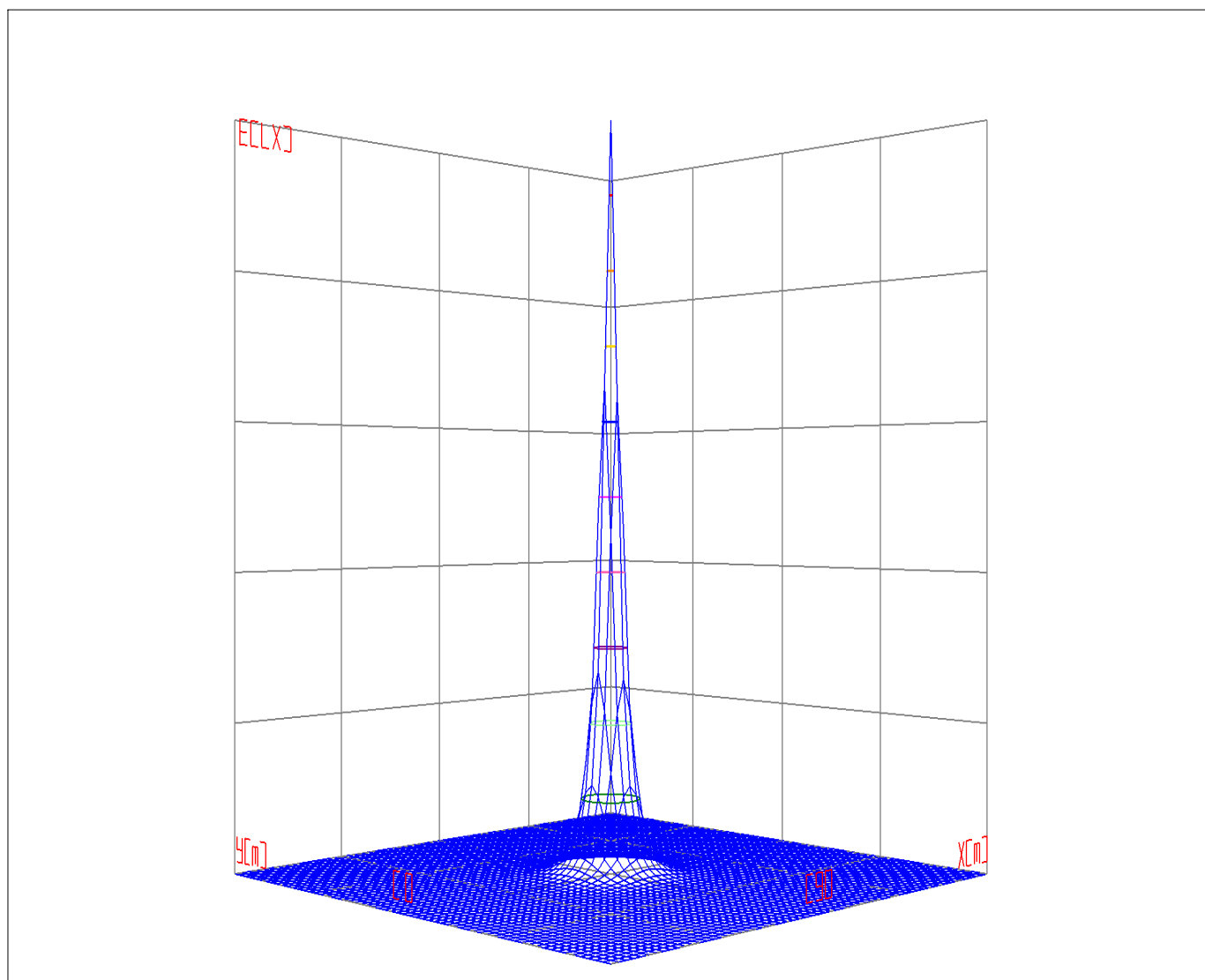
Working Plane Maximum Illuminance(lx): 281.21

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

### 3D Plane ISO Illuminance Diagram

Lum. Name: MD10-06-XX-03 2700K RA90 15D	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: 2019/12/11

### 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



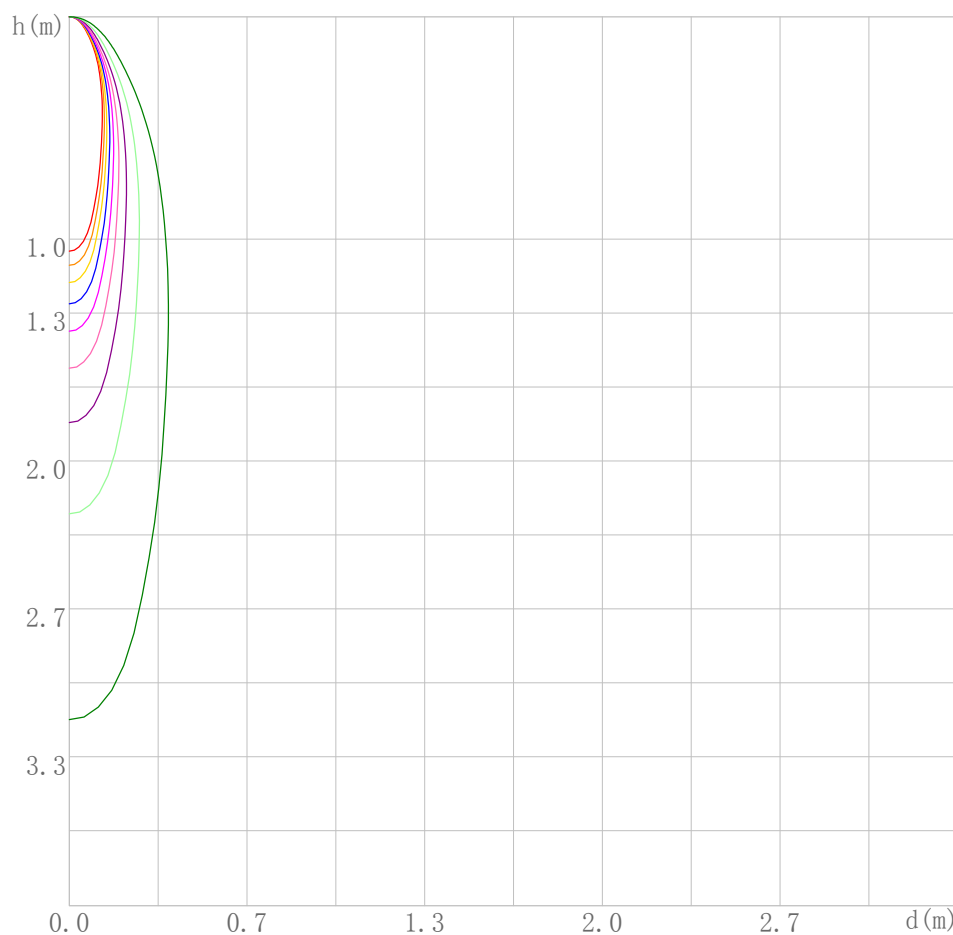
# IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 15D.IES

## Space ISO Illuminance Diagram

Lum. Name: MD10-06-XX-03 2700K RA90 15D	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: 2019/12/11

## Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =2530.849

— [EMax\*90%]=2277.764

— [EMax\*80%]=2024.679

— [EMax\*70%]=1771.594

— [EMax\*60%]=1518.509

— [EMax\*50%]=1265.425

— [EMax\*40%]=1012.340

— [EMax\*30%]=759.255

— [EMax\*20%]=506.170

— [EMax\*10%]=253.085

Space Plane Maximum Illuminance and @Angle:2530.85lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:2530.849cd,0deg

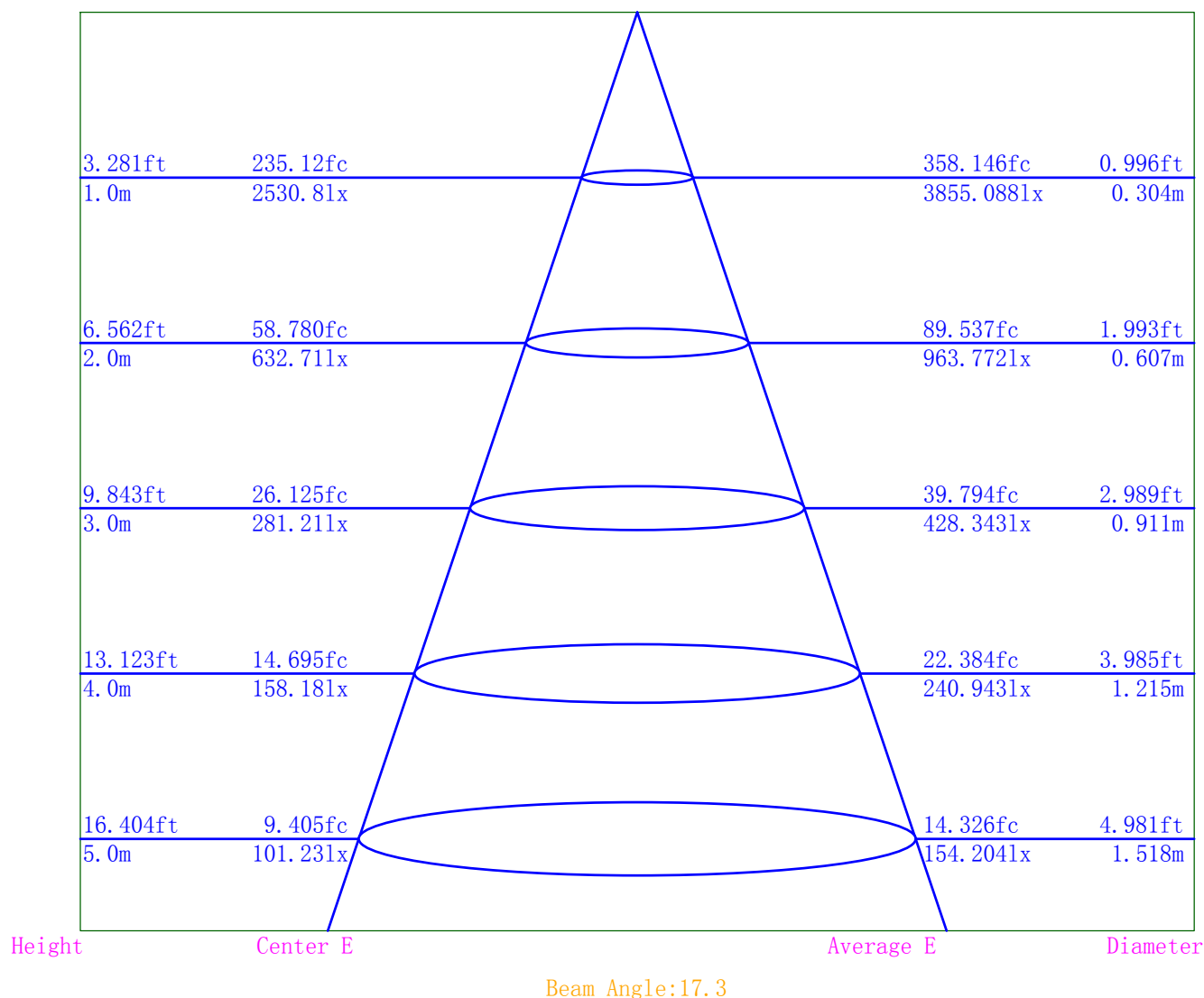
# IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 15D.IES

## Illuminance-Distance Diagram

Lum. Name: MD10-06-XX-03 2700K RA90 15D	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: 2019/12/11

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 15D.IES

## Indoor Luminance Limiting Curves

Lum. Name: MD10-06-XX-03 2700K RA90 15D	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: 2019/12/11

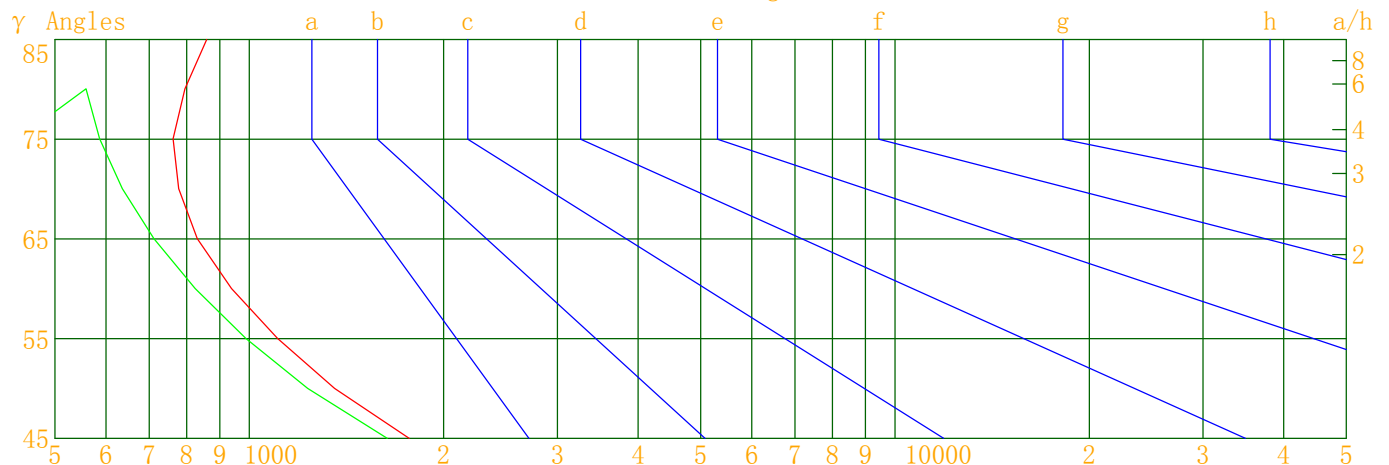
Glare Grade Table

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	1769	1355	1106	939	831	777	762	795	859
C90	1636	1232	988	825	712	636	586	559	441

Luminance Limiting Curve



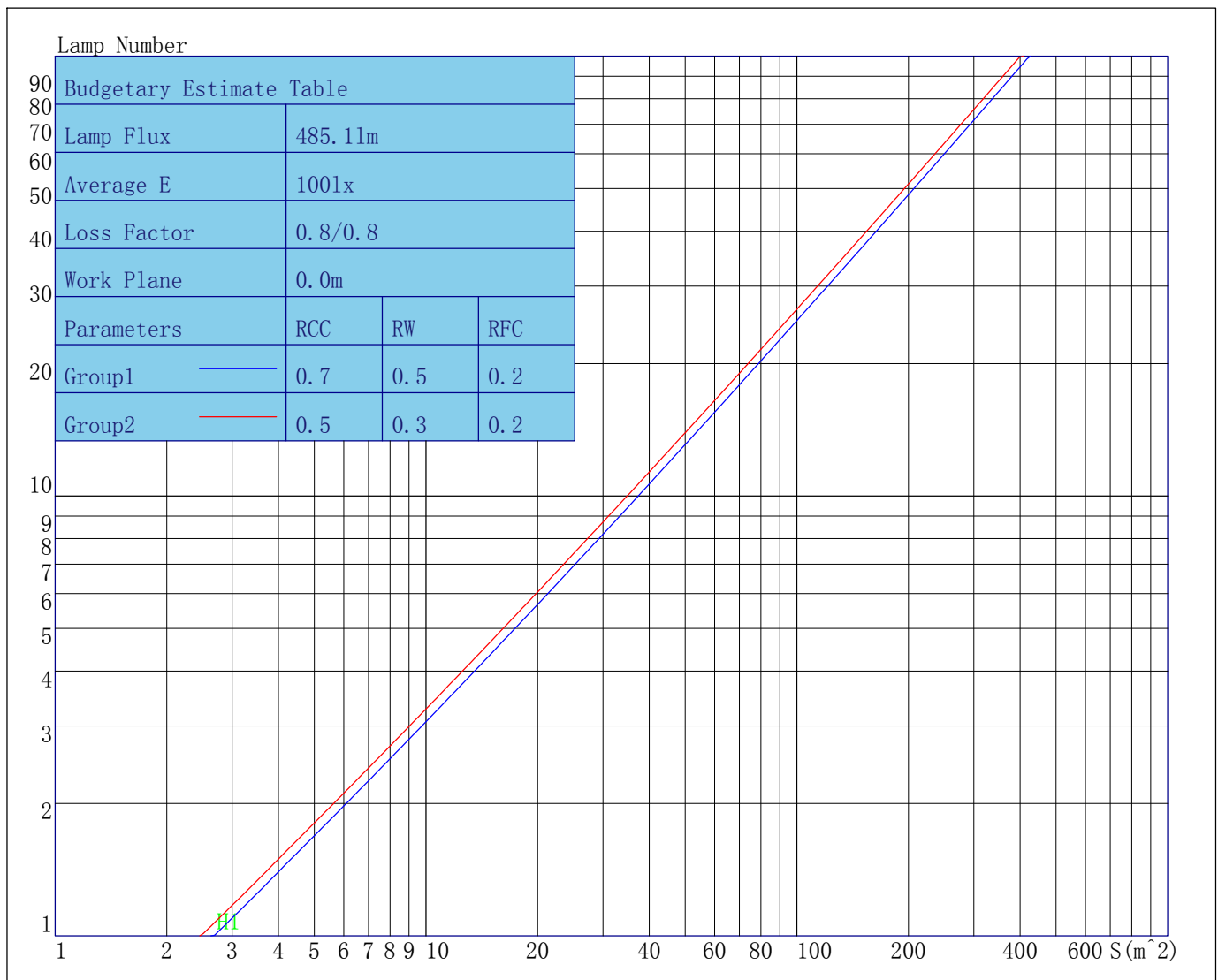
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.350 Area(m<sup>2</sup>)=0.020000  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 15D.IES

## Indoor Budgetary Estimate Table

Lum. Name: MD10-06-XX-03 2700K RA90 15D	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: 2019/12/11



# IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 15D.IES

## Indoor Coefficient of Utilization Table

Lum. Name: MD10-06-XX-03 2700K RA90 15D	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: 2019/12/11

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	111	111	111	106	106	106	101	101	101	99
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	105	99	95	92	103	98	94	91	95	92	89	93	90	88	91	88	86	85
4	101	94	90	86	99	93	89	86	91	88	85	89	86	84	87	85	83	81
5	97	90	85	82	96	89	85	81	87	84	81	86	82	80	84	81	79	78
6	94	86	82	78	92	86	81	78	84	80	77	83	79	77	81	78	76	75
7	91	83	78	75	89	82	78	75	81	77	74	80	76	74	79	76	73	72
8	88	80	75	72	87	79	75	72	78	74	71	77	74	71	76	73	71	70
9	85	77	72	69	84	77	72	69	76	72	69	75	71	69	74	71	68	67
10	82	75	70	67	81	74	70	67	74	69	67	73	69	67	72	69	66	65

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 (Ceiling, Wall, Floor) and room sizes (X=2H to X=12H, Y=2H to Y=12H) showing Unified Glare Rating values. Includes a section 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	2530.85	2530.85	2530.85	2530.85
γ 1.0	2514.24	2483.53	2515.18	2527.44
γ 2.0	2446.03	2399.51	2451.83	2492.66
γ 3.0	2333.79	2260.19	2348.52	2412.08
γ 4.0	2172.67	2084.39	2198.03	2272.33
γ 5.0	1969.24	1891.11	2005.26	2090.92
γ 6.0	1742.12	1697.33	1793.44	1893.19
γ 7.0	1534.60	1507.86	1592.12	1698.47
γ 8.0	1349.07	1326.63	1399.53	1500.58
γ 9.0	1179.65	1157.47	1226.14	1317.59
γ 10.0	1028.07	1003.25	1070.84	1149.25
γ 11.0	895.39	868.62	932.27	1001.06
γ 12.0	783.71	755.59	812.32	874.06
γ 13.0	689.06	662.95	711.62	768.34
γ 14.0	608.28	586.05	624.40	679.13
γ 15.0	539.16	521.33	551.15	603.85
γ 16.0	478.58	465.44	487.51	537.51
γ 17.0	424.82	416.19	432.39	478.84
γ 18.0	377.81	373.15	383.63	425.56
γ 19.0	336.32	335.06	341.26	378.58
γ 20.0	299.96	301.01	302.79	336.07
γ 21.0	268.04	270.83	269.50	298.67
γ 22.0	240.29	243.60	239.88	265.78
γ 23.0	215.46	219.40	214.09	237.09
γ 24.0	193.84	197.71	191.42	211.71
γ 25.0	174.16	177.95	170.79	189.18
γ 26.0	156.66	160.16	152.48	168.48
γ 27.0	140.79	143.79	136.00	150.34
γ 28.0	126.80	129.19	121.44	134.05
γ 29.0	114.03	115.89	108.37	119.69
γ 30.0	102.64	103.89	96.88	107.03
γ 31.0	92.40	93.27	86.58	95.73
γ 32.0	83.22	83.61	77.30	85.69
γ 33.0	75.07	74.91	69.21	76.94
γ 34.0	67.70	67.21	62.04	69.20
γ 35.0	61.13	60.31	55.74	62.41
γ 36.0	55.23	54.24	50.20	56.38
γ 37.0	50.11	48.86	45.28	51.10
γ 38.0	45.49	44.08	41.02	46.39
γ 39.0	41.39	39.92	37.24	42.25
γ 40.0	37.76	36.19	33.89	38.58
γ 41.0	34.52	32.91	30.94	35.33
γ 42.0	31.64	29.99	28.36	32.43
γ 43.0	29.16	27.46	26.06	29.91
γ 44.0	27.00	25.19	24.13	27.65
γ 45.0	25.01	23.14	22.39	25.63
γ 46.0	23.18	21.32	20.81	23.71

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	21.51	19.75	19.34	22.05
γ 48.0	20.00	18.30	17.99	20.48
γ 49.0	18.66	17.00	16.77	19.08
γ 50.0	17.42	15.83	15.65	17.78
γ 51.0	16.29	14.76	14.66	16.63
γ 52.0	15.26	13.79	13.73	15.56
γ 53.0	14.32	12.89	12.92	14.59
γ 54.0	13.46	12.08	12.15	13.75
γ 55.0	12.69	11.33	11.47	12.95
γ 56.0	11.97	10.65	10.84	12.23
γ 57.0	11.26	9.97	10.22	11.57
γ 58.0	10.59	9.35	9.62	10.95
γ 59.0	9.96	8.78	9.05	10.39
γ 60.0	9.39	8.25	8.54	9.83
γ 61.0	8.82	7.78	8.06	9.32
γ 62.0	8.33	7.26	7.59	8.78
γ 63.0	7.86	6.83	7.11	8.29
γ 64.0	7.44	6.40	6.67	7.85
γ 65.0	7.02	6.01	6.28	7.41
γ 66.0	6.65	5.65	5.91	7.01
γ 67.0	6.28	5.30	5.56	6.63
γ 68.0	5.94	4.97	5.21	6.28
γ 69.0	5.63	4.65	4.91	5.94
γ 70.0	5.32	4.35	4.60	5.63
γ 71.0	5.02	4.07	4.33	5.32
γ 72.0	4.74	3.81	4.04	5.01
γ 73.0	4.46	3.54	3.78	4.74
γ 74.0	4.20	3.30	3.52	4.47
γ 75.0	3.94	3.04	3.28	4.20
γ 76.0	3.70	2.81	3.03	3.93
γ 77.0	3.45	2.59	2.82	3.68
γ 78.0	3.21	2.36	2.58	3.43
γ 79.0	2.98	2.15	2.36	3.20
γ 80.0	2.76	1.94	2.15	2.96
γ 81.0	2.53	1.70	1.94	2.73
γ 82.0	2.21	1.43	1.68	2.42
γ 83.0	1.96	1.21	1.41	2.13
γ 84.0	1.73	0.99	1.20	1.89
γ 85.0	1.50	0.77	0.99	1.68
γ 86.0	1.30	0.57	0.78	1.44
γ 87.0	1.07	0.40	0.56	1.21
γ 88.0	0.97	0.33	0.44	1.06
γ 89.0	0.91	0.29	0.37	0.96
γ 90.0	0.85	0.24	0.31	0.89
γ 91.0	0.80	0.21	0.27	0.83
γ 92.0	0.75	0.17	0.22	0.76
γ 93.0	0.70	0.14	0.17	0.70



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.66	0.11	0.13	0.65
γ 95.0	0.62	0.09	0.08	0.59
γ 96.0	0.57	0.06	0.05	0.54
γ 97.0	0.54	0.03	0.02	0.48
γ 98.0	0.50	0.01	0.00	0.43
γ 99.0	0.46	0.00	0.00	0.40
γ 100.0	0.44	0.00	0.00	0.37
γ 101.0	0.41	0.00	0.00	0.33
γ 102.0	0.38	0.00	0.00	0.29
γ 103.0	0.36	0.00	0.00	0.28
γ 104.0	0.33	0.00	0.00	0.25
γ 105.0	0.30	0.00	0.00	0.23
γ 106.0	0.28	0.00	0.00	0.21
γ 107.0	0.27	0.00	0.00	0.20
γ 108.0	0.25	0.00	0.00	0.18
γ 109.0	0.22	0.00	0.00	0.17
γ 110.0	0.21	0.00	0.00	0.16
γ 111.0	0.19	0.00	0.00	0.15
γ 112.0	0.17	0.00	0.00	0.14
γ 113.0	0.15	0.00	0.00	0.14
γ 114.0	0.13	0.00	0.00	0.14
γ 115.0	0.11	0.00	0.00	0.13
γ 116.0	0.09	0.00	0.00	0.14
γ 117.0	0.08	0.00	0.00	0.14
γ 118.0	0.06	0.00	0.00	0.14
γ 119.0	0.06	0.00	0.00	0.15
γ 120.0	0.05	0.00	0.00	0.17
γ 121.0	0.04	0.00	0.00	0.17
γ 122.0	0.05	0.00	0.00	0.18
γ 123.0	0.05	0.00	0.00	0.20
γ 124.0	0.07	0.00	0.02	0.22
γ 125.0	0.08	0.00	0.05	0.24
γ 126.0	0.11	0.00	0.09	0.26
γ 127.0	0.13	0.00	0.12	0.29
γ 128.0	0.17	0.00	0.17	0.32
γ 129.0	0.20	0.00	0.20	0.36
γ 130.0	0.24	0.04	0.25	0.40
γ 131.0	0.29	0.09	0.31	0.44
γ 132.0	0.34	0.16	0.36	0.50
γ 133.0	0.39	0.22	0.43	0.56
γ 134.0	0.46	0.29	0.50	0.62
γ 135.0	0.53	0.36	0.58	0.69
γ 136.0	0.61	0.44	0.67	0.77
γ 137.0	0.69	0.54	0.77	0.86
γ 138.0	0.80	0.63	0.86	0.95
γ 139.0	0.88	0.74	0.98	1.04
γ 140.0	0.98	0.84	1.09	1.14

# IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 15D.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.10	0.96	1.20	1.25
γ 142.0	1.20	1.06	1.32	1.35
γ 143.0	1.32	1.17	1.45	1.47
γ 144.0	1.43	1.28	1.56	1.58
γ 145.0	1.54	1.39	1.67	1.69
γ 146.0	1.65	1.50	1.78	1.79
γ 147.0	1.75	1.61	1.88	1.88
γ 148.0	1.85	1.69	1.97	1.98
γ 149.0	1.94	1.77	2.06	2.06
γ 150.0	2.03	1.86	2.14	2.14
γ 151.0	2.11	1.94	2.20	2.20
γ 152.0	2.18	2.01	2.27	2.26
γ 153.0	2.24	2.07	2.34	2.32
γ 154.0	2.30	2.12	2.39	2.37
γ 155.0	2.37	2.16	2.43	2.41
γ 156.0	2.41	2.20	2.48	2.45
γ 157.0	2.45	2.23	2.52	2.47
γ 158.0	2.48	2.26	2.56	2.52
γ 159.0	2.52	2.29	2.59	2.53
γ 160.0	2.55	2.32	2.63	2.57
γ 161.0	2.58	2.35	2.64	2.58
γ 162.0	2.60	2.37	2.66	2.60
γ 163.0	2.62	2.40	2.67	2.62
γ 164.0	2.63	2.42	2.69	2.61
γ 165.0	2.65	2.44	2.70	2.62
γ 166.0	2.65	2.47	2.70	2.63
γ 167.0	2.67	2.48	2.71	2.62
γ 168.0	2.67	2.49	2.71	2.62
γ 169.0	2.67	2.50	2.71	2.62
γ 170.0	2.66	2.50	2.71	2.60
γ 171.0	2.66	2.50	2.69	2.58
γ 172.0	2.64	2.50	2.66	2.57
γ 173.0	2.63	2.48	2.65	2.55
γ 174.0	2.60	2.47	2.63	2.52
γ 175.0	2.58	2.45	2.60	2.51
γ 176.0	2.57	2.44	2.58	2.49
γ 177.0	2.55	2.42	2.56	2.49
γ 178.0	2.55	2.42	2.54	2.48
γ 179.0	2.54	2.41	2.55	2.49
γ 180.0	2.51	2.51	2.51	2.51