

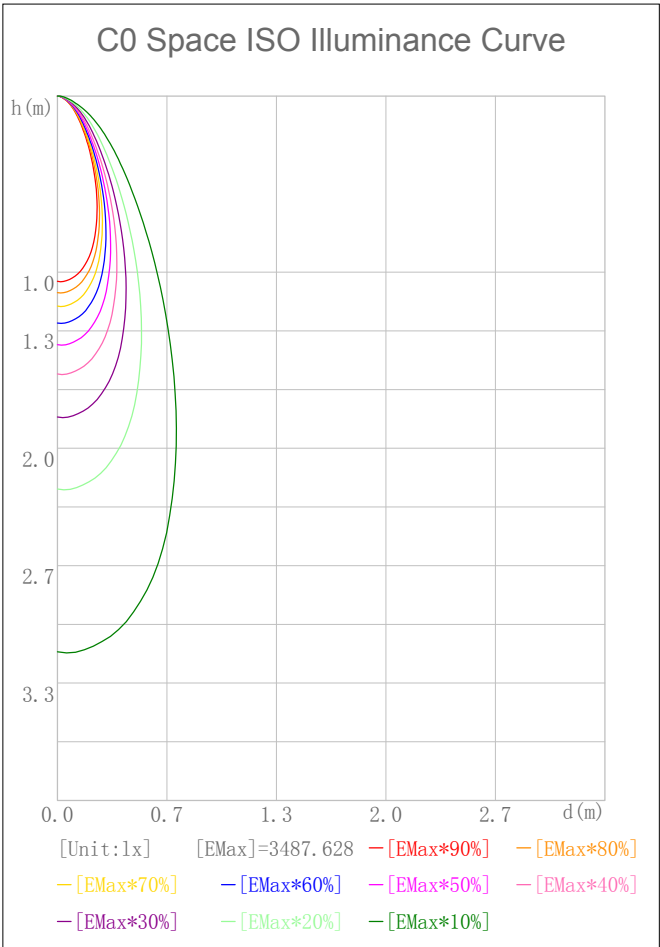
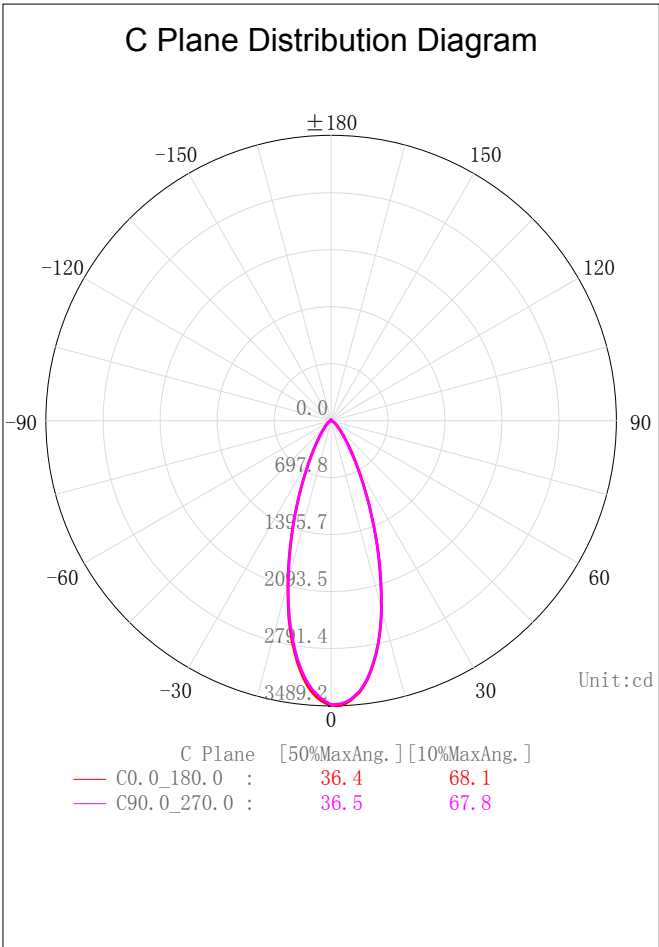
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-18-XX-01 4000K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/12/27
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):0.550m*0.550m*0.850m	Lum. Area (m2):0.770	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity(%):

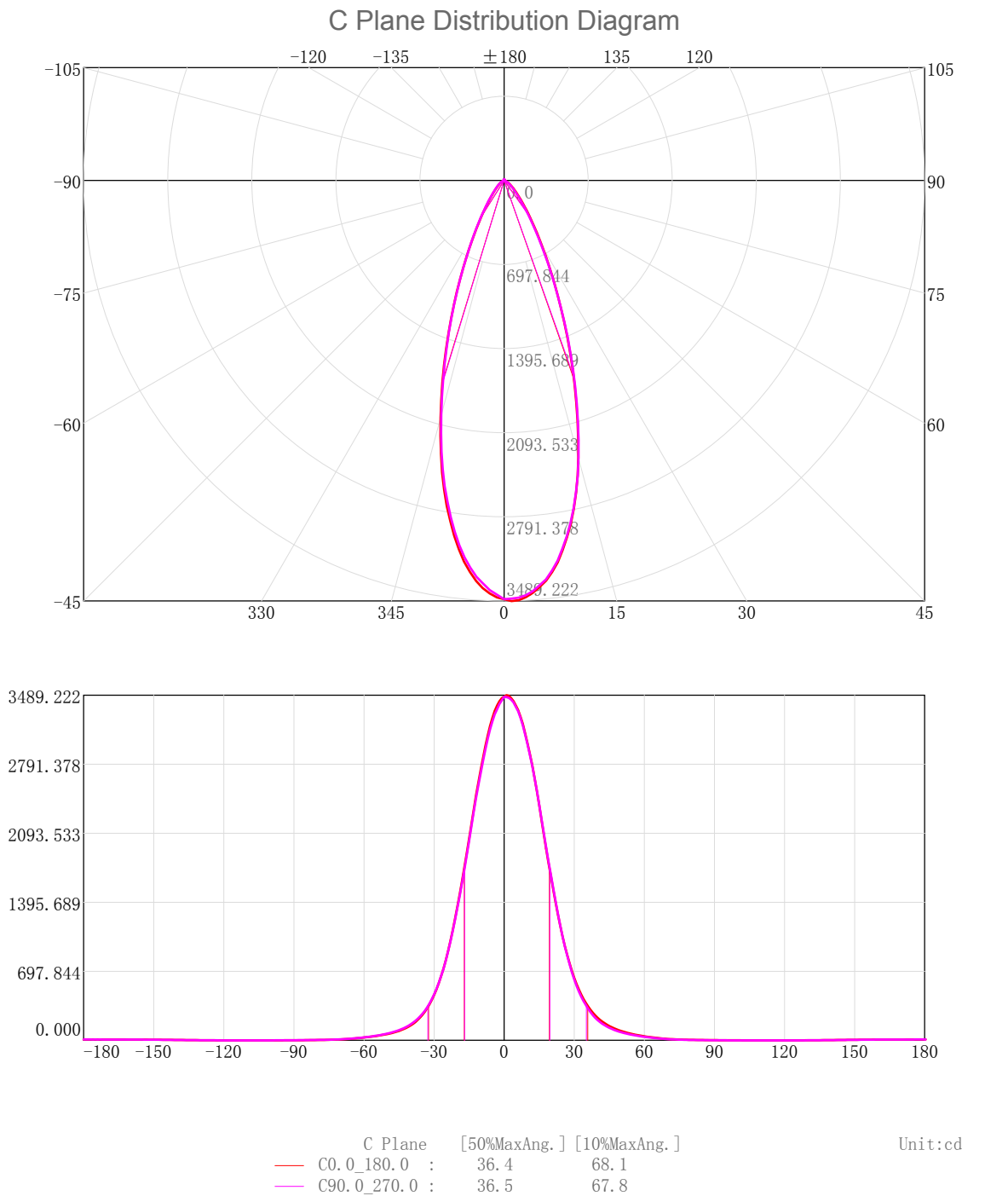
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1726.350	Luminary Flux(lm): 1726.353	Field Angle(10%Imax): 68.1(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1712.816lm 99.22%
Rated Voltage(V):	Luminary EER(lm/W): 101.670	Up Lumens&Percent: 13.537lm 0.78%
Tested Power(W): 16.980	Max. Candela(cd): 3489.222	S/MH: C0_a180=0.596 C90_270=0.595
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.2, 0.073	Beam Angle(50%Imax): 36.4(°)	ErP Φ use(90°): 1592.390lm
Lamp Size (W*L*H):0.550m*0.550m*0.850m	Left=-17.1°, Right=19.4°	IRF(%): 421.925



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-18-XX-01 4000K RA90 36D	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: 2019/12/27



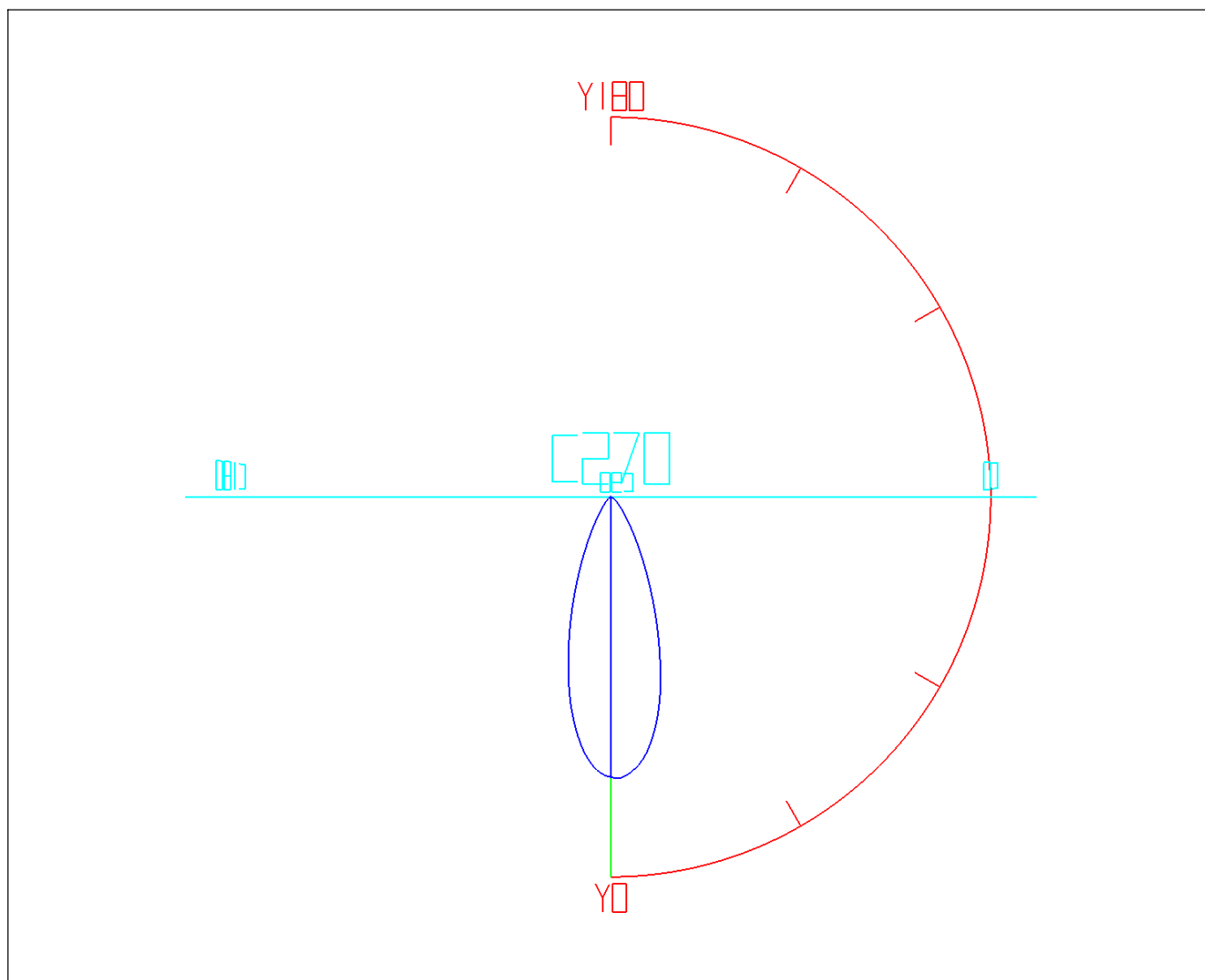
# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 36D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: MD10-18-XX-01 4000K RA90 36D	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: 2019/12/27

## 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

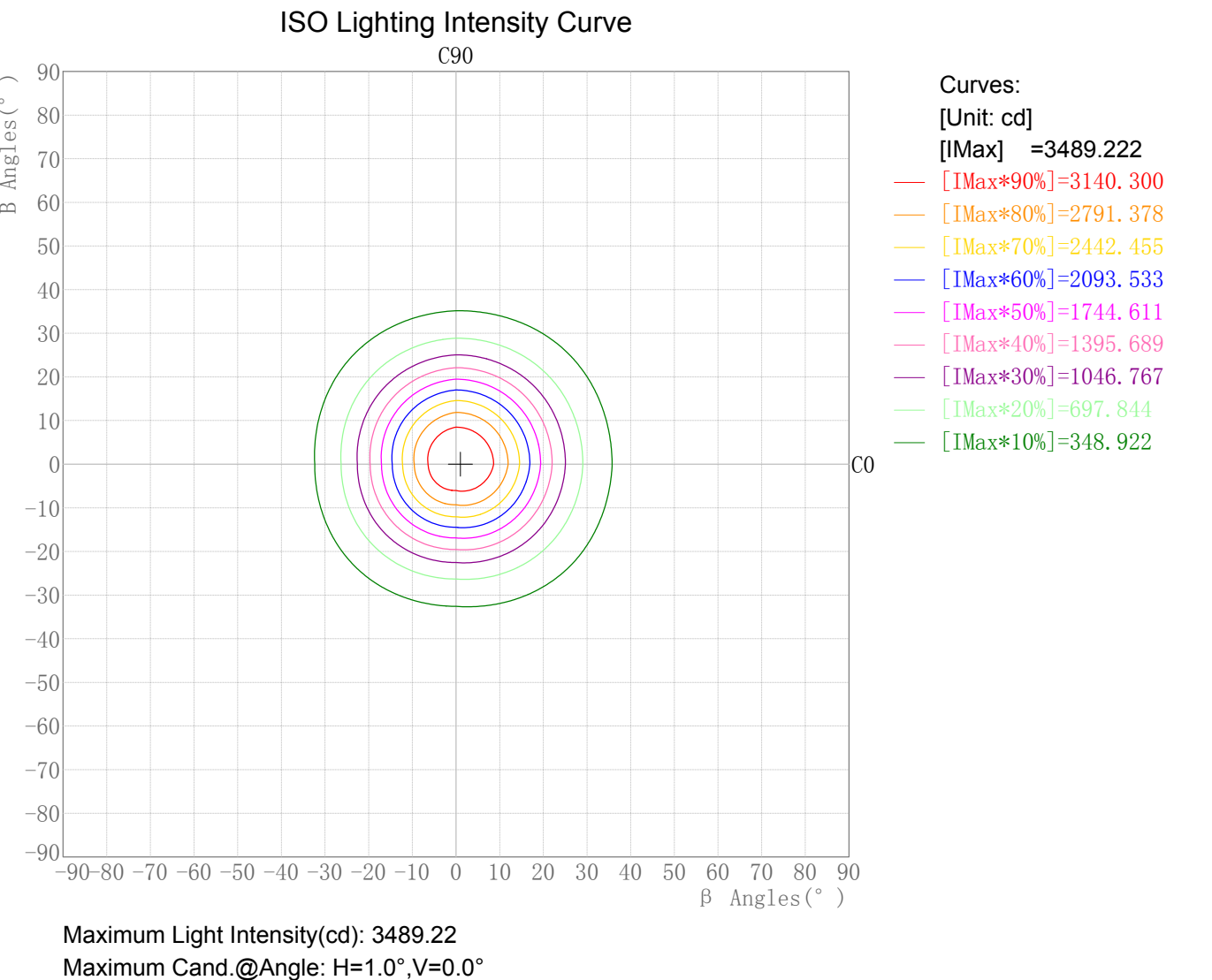
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	3.32	3.32	0.19	0.19	47.0-48.0	7.73	1618.98	0.45	93.78
1.0-2.0	9.91	13.23	0.57	0.77	48.0-49.0	7.22	1626.20	0.42	94.20
2.0-3.0	16.39	29.63	0.95	1.72	49.0-50.0	6.75	1632.95	0.39	94.59
3.0-4.0	22.69	52.31	1.31	3.03	50.0-51.0	6.31	1639.27	0.37	94.96
4.0-5.0	28.72	81.04	1.66	4.69	51.0-52.0	5.91	1645.18	0.34	95.30
5.0-6.0	34.46	115.49	2.00	6.69	52.0-53.0	5.53	1650.70	0.32	95.62
6.0-7.0	39.81	155.30	2.31	9.00	53.0-54.0	5.17	1655.87	0.30	95.92
7.0-8.0	44.67	199.97	2.59	11.58	54.0-55.0	4.83	1660.70	0.28	96.20
8.0-9.0	49.01	248.98	2.84	14.42	55.0-56.0	4.51	1665.21	0.26	96.46
9.0-10.0	52.79	301.77	3.06	17.48	56.0-57.0	4.20	1669.41	0.24	96.70
10.0-11.0	56.05	357.82	3.25	20.73	57.0-58.0	3.91	1673.32	0.23	96.93
11.0-12.0	58.69	416.51	3.40	24.13	58.0-59.0	3.63	1676.95	0.21	97.14
12.0-13.0	60.63	477.14	3.51	27.64	59.0-60.0	3.36	1680.32	0.19	97.33
13.0-14.0	61.88	539.02	3.58	31.22	60.0-61.0	3.11	1683.42	0.18	97.51
14.0-15.0	62.49	601.51	3.62	34.84	61.0-62.0	2.86	1686.29	0.17	97.68
15.0-16.0	62.45	663.96	3.62	38.46	62.0-63.0	2.63	1688.92	0.15	97.83
16.0-17.0	61.87	725.83	3.58	42.04	63.0-64.0	2.40	1691.32	0.14	97.97
17.0-18.0	60.83	786.66	3.52	45.57	64.0-65.0	2.19	1693.51	0.13	98.10
18.0-19.0	59.38	846.04	3.44	49.01	65.0-66.0	1.99	1695.49	0.12	98.21
19.0-20.0	57.55	903.59	3.33	52.34	66.0-67.0	1.79	1697.29	0.10	98.32
20.0-21.0	55.38	958.97	3.21	55.55	67.0-68.0	1.61	1698.90	0.09	98.41
21.0-22.0	52.93	1011.90	3.07	58.61	68.0-69.0	1.45	1700.36	0.08	98.49
22.0-23.0	50.26	1062.16	2.91	61.53	69.0-70.0	1.31	1701.66	0.08	98.57
23.0-24.0	47.46	1109.62	2.75	64.28	70.0-71.0	1.19	1702.85	0.07	98.64
24.0-25.0	44.60	1154.22	2.58	66.86	71.0-72.0	1.08	1703.93	0.06	98.70
25.0-26.0	41.72	1195.94	2.42	69.28	72.0-73.0	0.98	1704.91	0.06	98.76
26.0-27.0	38.89	1234.83	2.25	71.53	73.0-74.0	0.89	1705.80	0.05	98.81
27.0-28.0	36.15	1270.97	2.09	73.62	74.0-75.0	0.80	1706.60	0.05	98.86
28.0-29.0	33.48	1304.46	1.94	75.56	75.0-76.0	0.72	1707.32	0.04	98.90
29.0-30.0	30.96	1335.42	1.79	77.36	76.0-77.0	0.65	1707.98	0.04	98.94
30.0-31.0	28.61	1364.03	1.66	79.01	77.0-78.0	0.59	1708.56	0.03	98.97
31.0-32.0	26.40	1390.43	1.53	80.54	78.0-79.0	0.54	1709.10	0.03	99.00
32.0-33.0	24.35	1414.78	1.41	81.95	79.0-80.0	0.50	1709.60	0.03	99.03
33.0-34.0	22.42	1437.20	1.30	83.25	80.0-81.0	0.46	1710.06	0.03	99.06
34.0-35.0	20.64	1457.84	1.20	84.45	81.0-82.0	0.43	1710.49	0.02	99.08
35.0-36.0	18.99	1476.83	1.10	85.55	82.0-83.0	0.40	1710.88	0.02	99.10
36.0-37.0	17.48	1494.31	1.01	86.56	83.0-84.0	0.37	1711.25	0.02	99.13
37.0-38.0	16.10	1510.41	0.93	87.49	84.0-85.0	0.34	1711.58	0.02	99.14
38.0-39.0	14.86	1525.27	0.86	88.35	85.0-86.0	0.30	1711.89	0.02	99.16
39.0-40.0	13.73	1538.99	0.80	89.15	86.0-87.0	0.27	1712.16	0.02	99.18
40.0-41.0	12.71	1551.70	0.74	89.88	87.0-88.0	0.24	1712.41	0.01	99.19
41.0-42.0	11.79	1563.49	0.68	90.57	88.0-89.0	0.22	1712.62	0.01	99.20
42.0-43.0	10.95	1574.44	0.63	91.20	89.0-90.0	0.19	1712.82	0.01	99.22
43.0-44.0	10.19	1584.63	0.59	91.79	90.0-91.0	0.18	1712.99	0.01	99.23
44.0-45.0	9.49	1594.12	0.55	92.34	91.0-92.0	0.16	1713.15	0.01	99.24
45.0-46.0	8.86	1602.98	0.51	92.85	92.0-93.0	0.14	1713.29	0.01	99.24
46.0-47.0	8.27	1611.25	0.48	93.33	93.0-94.0	0.13	1713.42	0.01	99.25

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	0.11	1713.53	0.01	99.26	141.0-142.0	0.28	1717.10	0.02	99.46
95.0-96.0	0.10	1713.63	0.01	99.26	142.0-143.0	0.29	1717.39	0.02	99.48
96.0-97.0	0.09	1713.73	0.01	99.27	143.0-144.0	0.30	1717.69	0.02	99.50
97.0-98.0	0.08	1713.80	0.00	99.27	144.0-145.0	0.31	1718.00	0.02	99.52
98.0-99.0	0.07	1713.87	0.00	99.28	145.0-146.0	0.32	1718.32	0.02	99.54
99.0-100.0	0.06	1713.93	0.00	99.28	146.0-147.0	0.33	1718.65	0.02	99.55
100.0-101.0	0.05	1713.97	0.00	99.28	147.0-148.0	0.34	1718.99	0.02	99.57
101.0-102.0	0.04	1714.01	0.00	99.29	148.0-149.0	0.34	1719.33	0.02	99.59
102.0-103.0	0.03	1714.04	0.00	99.29	149.0-150.0	0.35	1719.68	0.02	99.61
103.0-104.0	0.02	1714.07	0.00	99.29	150.0-151.0	0.35	1720.02	0.02	99.63
104.0-105.0	0.02	1714.09	0.00	99.29	151.0-152.0	0.35	1720.37	0.02	99.65
105.0-106.0	0.02	1714.10	0.00	99.29	152.0-153.0	0.35	1720.72	0.02	99.67
106.0-107.0	0.01	1714.11	0.00	99.29	153.0-154.0	0.35	1721.07	0.02	99.69
107.0-108.0	0.01	1714.12	0.00	99.29	154.0-155.0	0.35	1721.42	0.02	99.71
108.0-109.0	0.01	1714.13	0.00	99.29	155.0-156.0	0.34	1721.76	0.02	99.73
109.0-110.0	0.01	1714.14	0.00	99.29	156.0-157.0	0.34	1722.09	0.02	99.75
110.0-111.0	0.00	1714.14	0.00	99.29	157.0-158.0	0.33	1722.42	0.02	99.77
111.0-112.0	0.00	1714.14	0.00	99.29	158.0-159.0	0.32	1722.74	0.02	99.79
112.0-113.0	0.00	1714.14	0.00	99.29	159.0-160.0	0.31	1723.05	0.02	99.81
113.0-114.0	0.00	1714.15	0.00	99.29	160.0-161.0	0.30	1723.35	0.02	99.83
114.0-115.0	0.00	1714.15	0.00	99.29	161.0-162.0	0.29	1723.65	0.02	99.84
115.0-116.0	0.00	1714.15	0.00	99.29	162.0-163.0	0.28	1723.92	0.02	99.86
116.0-117.0	0.00	1714.16	0.00	99.29	163.0-164.0	0.27	1724.19	0.02	99.87
117.0-118.0	0.01	1714.17	0.00	99.29	164.0-165.0	0.25	1724.44	0.01	99.89
118.0-119.0	0.01	1714.18	0.00	99.29	165.0-166.0	0.24	1724.68	0.01	99.90
119.0-120.0	0.01	1714.19	0.00	99.30	166.0-167.0	0.22	1724.91	0.01	99.92
120.0-121.0	0.02	1714.21	0.00	99.30	167.0-168.0	0.21	1725.12	0.01	99.93
121.0-122.0	0.02	1714.23	0.00	99.30	168.0-169.0	0.19	1725.31	0.01	99.94
122.0-123.0	0.03	1714.26	0.00	99.30	169.0-170.0	0.18	1725.49	0.01	99.95
123.0-124.0	0.03	1714.29	0.00	99.30	170.0-171.0	0.16	1725.65	0.01	99.96
124.0-125.0	0.04	1714.34	0.00	99.30	171.0-172.0	0.15	1725.79	0.01	99.97
125.0-126.0	0.05	1714.39	0.00	99.31	172.0-173.0	0.13	1725.92	0.01	99.98
126.0-127.0	0.06	1714.45	0.00	99.31	173.0-174.0	0.11	1726.04	0.01	99.98
127.0-128.0	0.08	1714.53	0.00	99.32	174.0-175.0	0.10	1726.13	0.01	99.99
128.0-129.0	0.09	1714.62	0.01	99.32	175.0-176.0	0.08	1726.21	0.00	99.99
129.0-130.0	0.10	1714.72	0.01	99.33	176.0-177.0	0.06	1726.27	0.00	100.00
130.0-131.0	0.12	1714.84	0.01	99.33	177.0-178.0	0.04	1726.32	0.00	100.00
131.0-132.0	0.13	1714.97	0.01	99.34	178.0-179.0	0.03	1726.34	0.00	100.00
132.0-133.0	0.14	1715.11	0.01	99.35	179.0-180.0	0.01	1726.35	0.00	100.00
133.0-134.0	0.16	1715.28	0.01	99.36					
134.0-135.0	0.18	1715.45	0.01	99.37					
135.0-136.0	0.19	1715.64	0.01	99.38					
136.0-137.0	0.21	1715.85	0.01	99.39					
137.0-138.0	0.22	1716.07	0.01	99.40					
138.0-139.0	0.24	1716.31	0.01	99.42					
139.0-140.0	0.25	1716.56	0.01	99.43					
140.0-141.0	0.26	1716.82	0.02	99.45					

Rectangle ISO Lighting Intensity Diagram

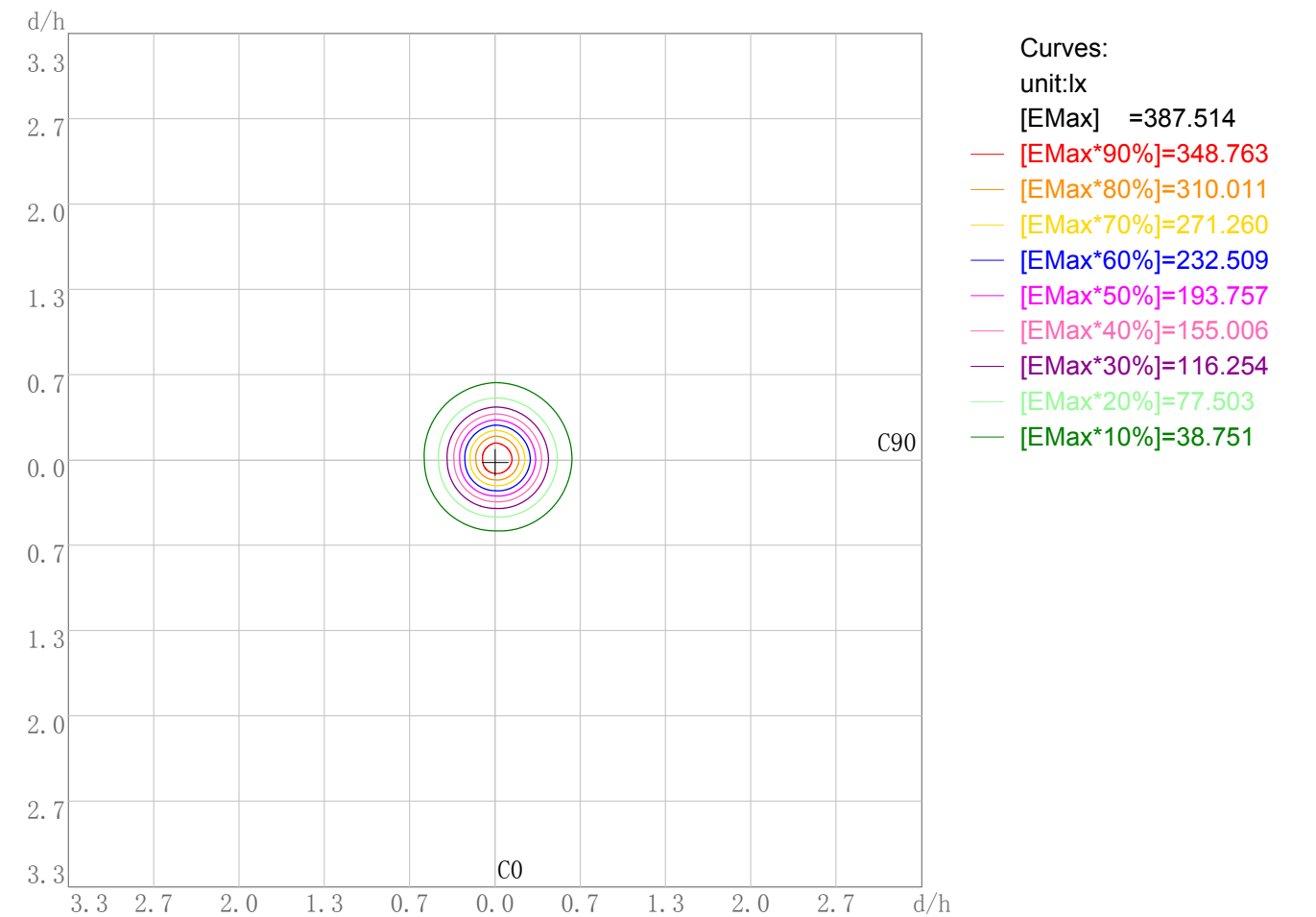
Lum. Name: MD10-18-XX-01 4000K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/27



Plane ISO-Illuminance Diagram

Lum. Name:MD10-18-XX-01 4000K RA90 36D	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: 2019/12/27

Plane ISO-Illuminance Curve



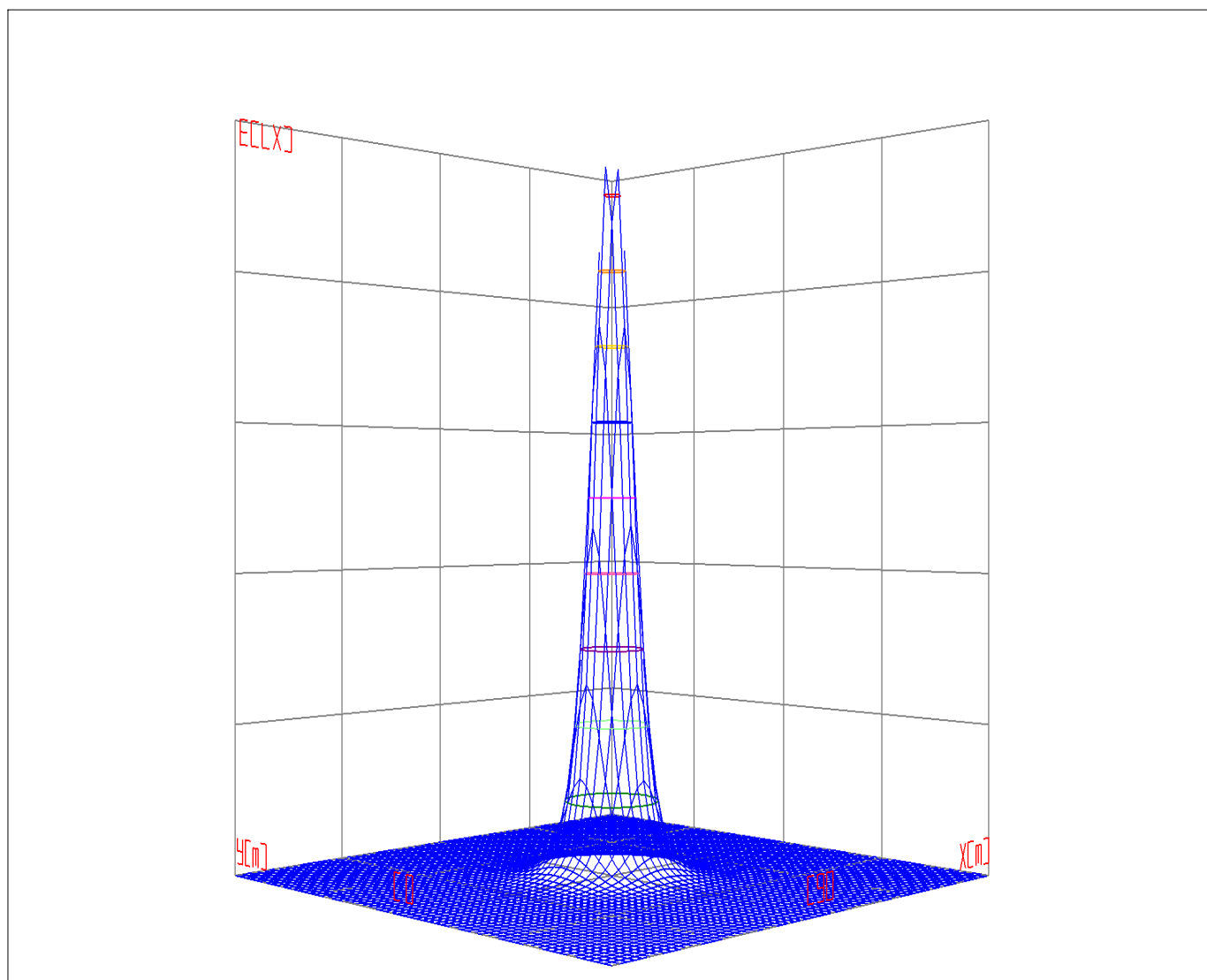
# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 36D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: MD10-18-XX-01 4000K RA90 36D	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: 2019/12/27

## 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



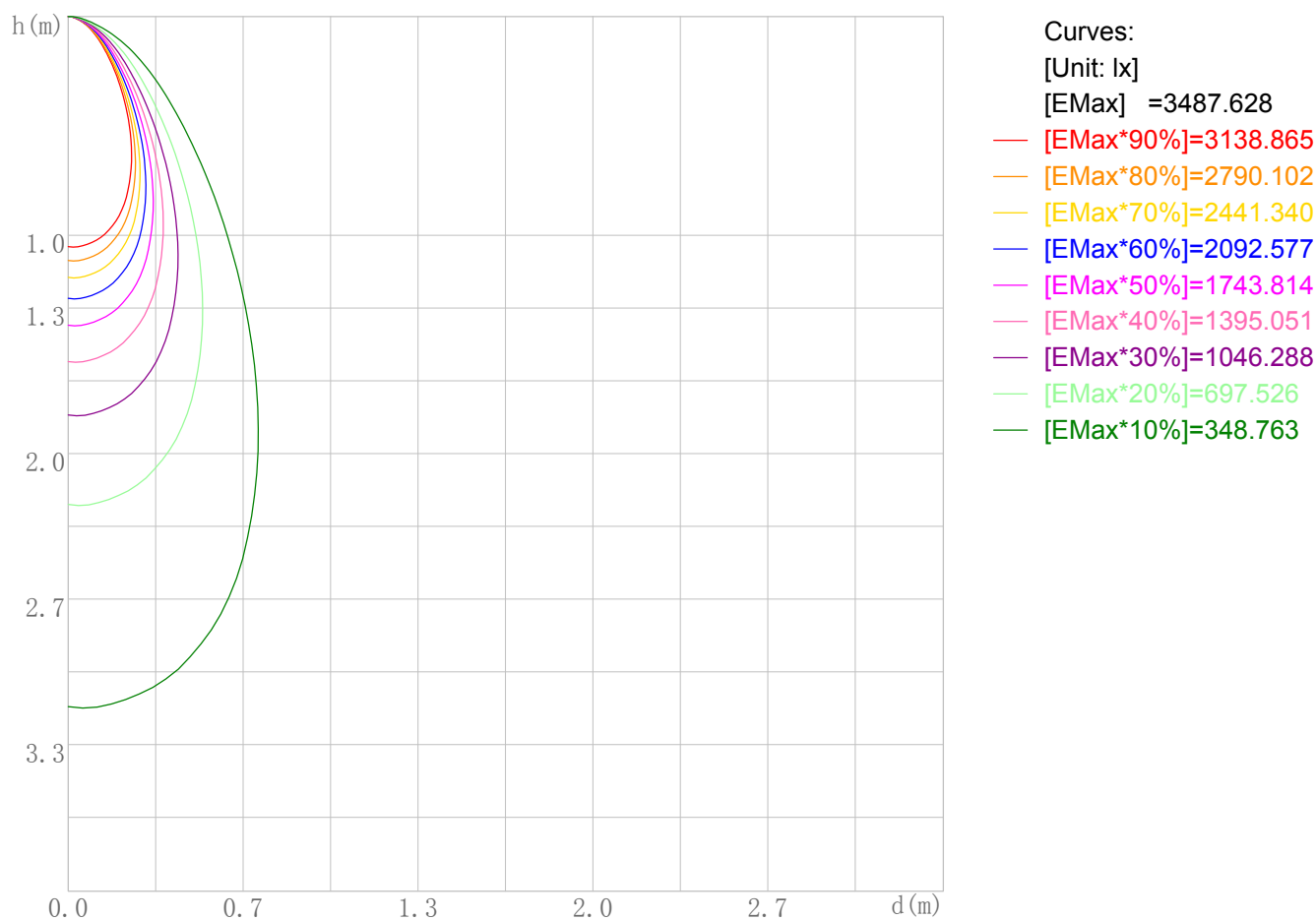
# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 36D.IES

## Space ISO Illuminance Diagram

Lum. Name: MD10-18-XX-01 4000K RA90 36D	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: 2019/12/27

## Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:3487.63lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:3489.222cd,0deg

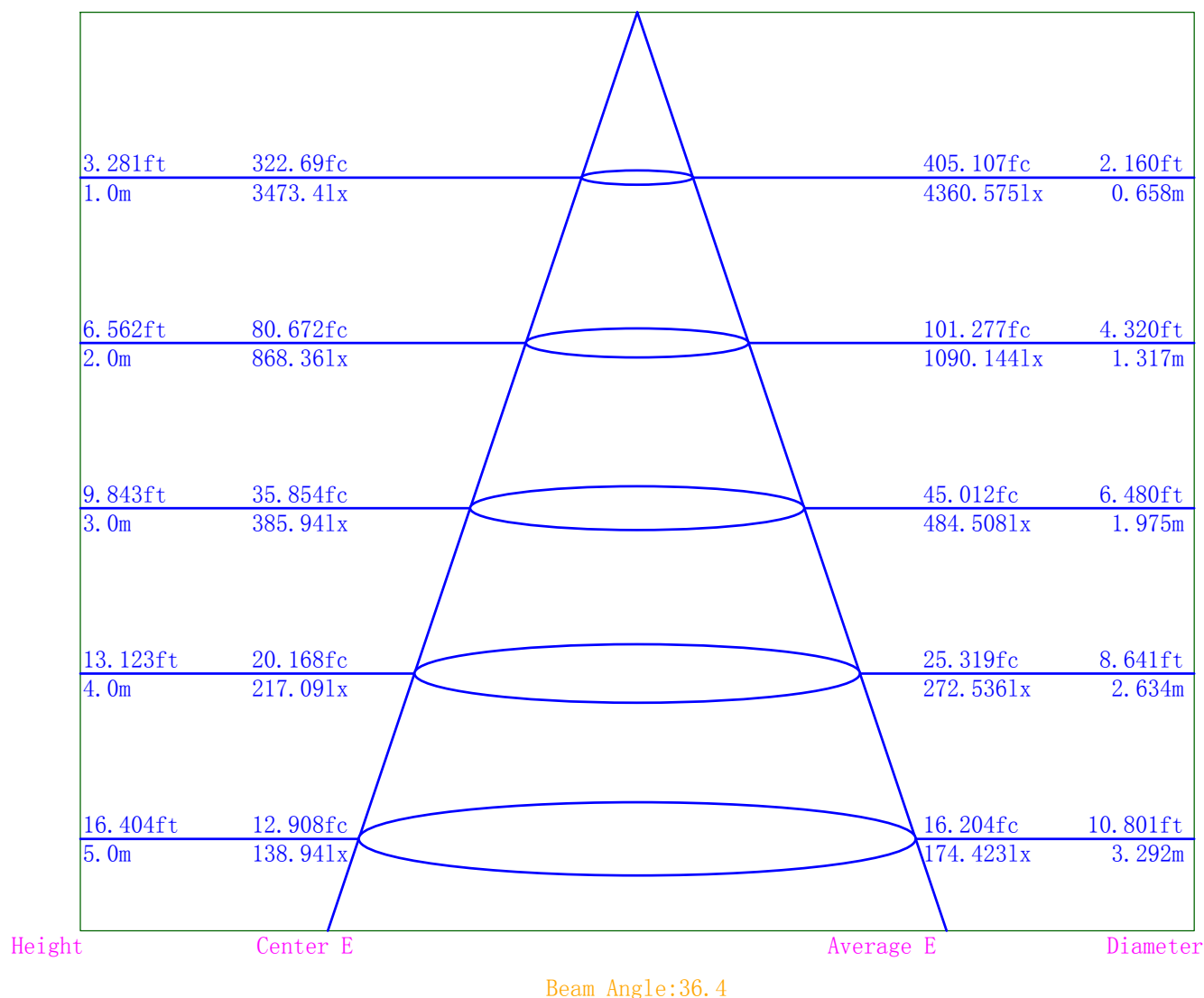
# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 36D.IES

## Illuminance-Distance Diagram

Lum. Name: MD10-18-XX-01 4000K RA90 36D	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: 2019/12/27

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 36D.IES

## Indoor Luminance Limiting Curves

Lum. Name: MD10-18-XX-01 4000K RA90 36D	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: 2019/12/27

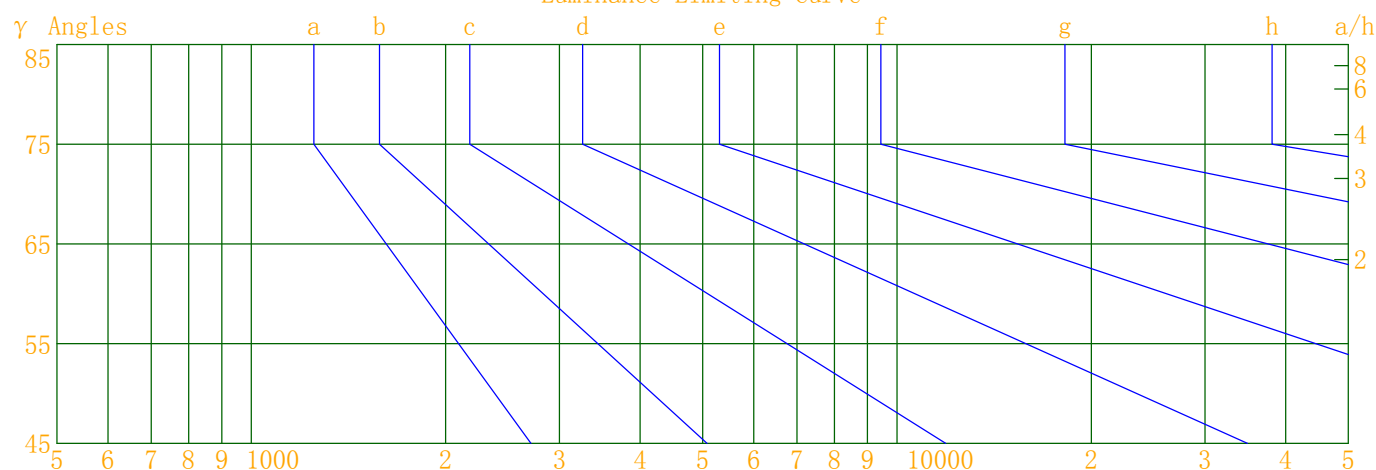
Glare Grade Table

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	266	193	143	107	79	54	44	40	55
C90	234	166	124	93	68	48	37	32	41

Luminance Limiting Curve



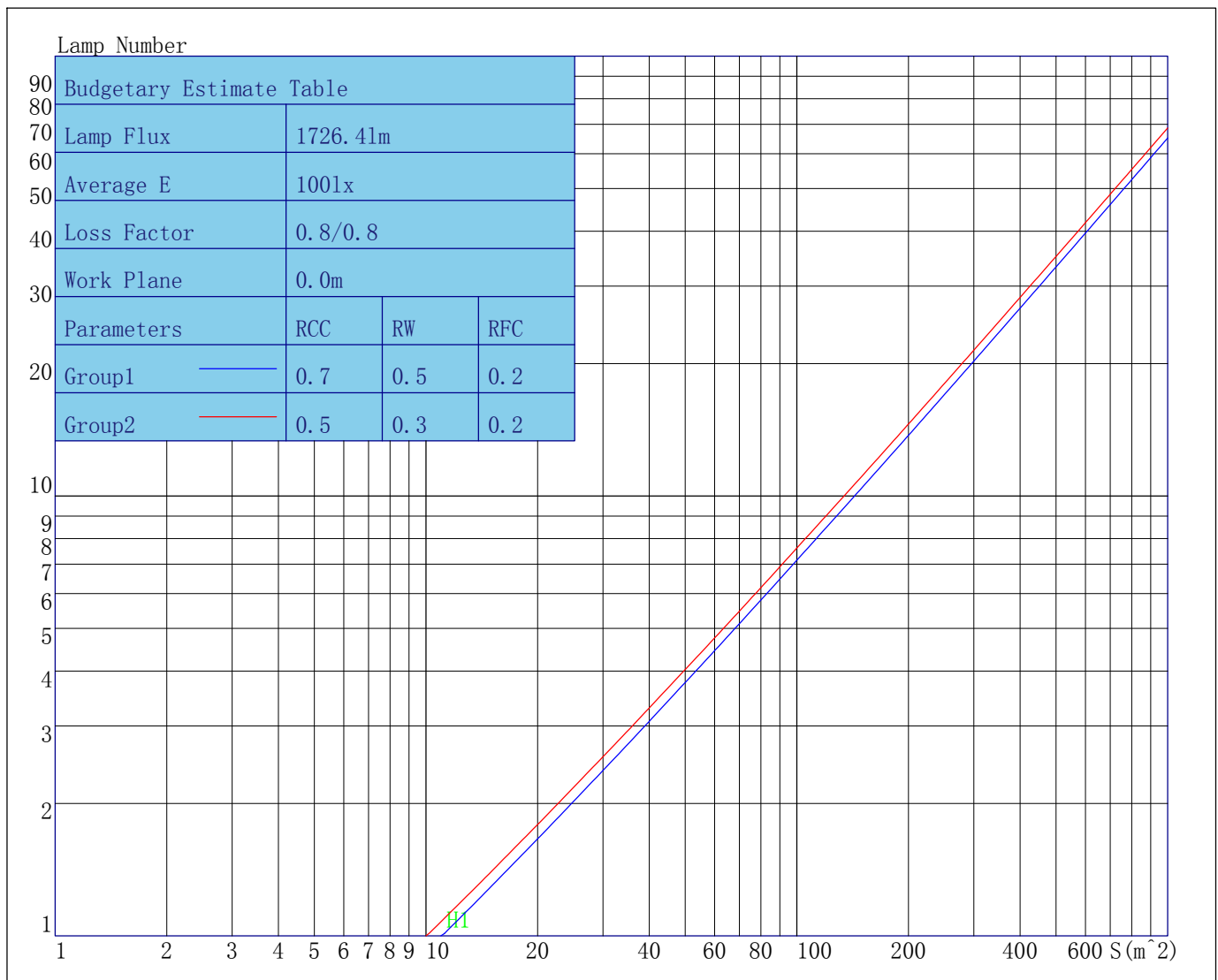
Luminous Size: Length(m)=0.550 Width(m)=0.550 Height(m)=0.850 Area(m<sup>2</sup>)=0.770000  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 36D.IES

## Indoor Budgetary Estimate Table

Lum. Name: MD10-18-XX-01 4000K RA90 36D	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: 2019/12/27



Indoor Coefficient of Utilization Table

Lum. Name: MD10-18-XX-01 4000K RA90 36D	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: 2019/12/27

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	113	111	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93
2	108	103	100	96	106	102	98	95	98	95	93	95	93	91	92	91	89	87
3	103	97	92	88	101	96	91	88	93	89	86	90	87	85	88	86	83	82
4	98	91	86	82	97	90	85	82	88	84	80	86	82	79	84	81	78	77
5	94	86	81	77	92	85	80	76	83	79	76	82	78	75	80	77	74	73
6	90	82	76	72	88	81	76	72	79	75	71	78	74	71	76	73	70	69
7	86	77	72	68	85	77	71	68	75	71	67	74	70	67	73	69	67	65
8	82	74	68	64	81	73	68	64	72	67	64	71	67	64	70	66	63	62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	60	59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	64	60	58	56

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) with Y values, and a section for variations with observer position at spacings (S=1.0H to S=2.0H).

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	3473.43	3473.43	3473.43	3473.43
γ 1.0	3489.22	3469.77	3458.72	3436.86
γ 2.0	3484.39	3462.93	3428.48	3400.58
γ 3.0	3460.89	3445.14	3385.87	3348.01
γ 4.0	3428.05	3415.45	3330.47	3295.52
γ 5.0	3384.47	3371.01	3258.86	3224.59
γ 6.0	3337.41	3326.95	3179.40	3144.22
γ 7.0	3272.52	3259.65	3082.04	3049.64
γ 8.0	3199.01	3185.05	2977.45	2943.16
γ 9.0	3104.33	3092.28	2858.99	2829.10
γ 10.0	3005.29	2994.87	2740.74	2707.36
γ 11.0	2900.96	2890.55	2612.56	2584.29
γ 12.0	2784.14	2776.75	2477.52	2449.36
γ 13.0	2654.89	2652.30	2328.83	2310.71
γ 14.0	2521.48	2524.70	2183.45	2161.77
γ 15.0	2380.43	2384.86	2036.44	2013.84
γ 16.0	2228.98	2239.84	1892.68	1871.16
γ 17.0	2080.93	2094.33	1754.05	1729.86
γ 18.0	1936.73	1950.71	1614.38	1596.92
γ 19.0	1795.79	1810.28	1482.53	1464.80
γ 20.0	1659.71	1674.95	1350.71	1339.03
γ 21.0	1525.06	1538.71	1228.99	1218.38
γ 22.0	1397.75	1410.00	1112.17	1104.29
γ 23.0	1273.87	1281.96	1003.82	997.28
γ 24.0	1161.46	1164.38	901.88	898.62
γ 25.0	1052.95	1053.57	808.57	805.34
γ 26.0	954.24	950.57	722.47	721.32
γ 27.0	862.64	855.47	645.59	646.30
γ 28.0	778.61	769.41	574.77	577.83
γ 29.0	701.65	687.32	512.34	517.21
γ 30.0	631.77	616.18	457.17	463.42
γ 31.0	569.20	551.81	407.41	415.28
γ 32.0	513.88	494.26	362.86	371.65
γ 33.0	463.64	443.36	323.48	332.46
γ 34.0	417.86	396.75	288.05	298.39
γ 35.0	376.54	355.38	256.97	267.82
γ 36.0	340.35	317.52	229.73	241.16
γ 37.0	307.82	283.79	206.22	217.37
γ 38.0	278.30	254.18	185.43	196.79
γ 39.0	252.13	228.07	167.44	178.62
γ 40.0	228.59	205.48	151.54	162.34
γ 41.0	208.18	185.83	137.70	147.79
γ 42.0	189.80	168.27	125.33	134.90
γ 43.0	173.38	153.12	114.39	123.33
γ 44.0	158.74	139.57	104.23	113.16
γ 45.0	145.06	127.55	95.49	103.98
γ 46.0	133.48	116.72	87.67	95.83

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	122.56	106.85	80.71	88.30
γ 48.0	112.71	97.82	74.45	81.29
γ 49.0	103.82	89.69	68.81	74.99
γ 50.0	95.47	82.37	63.61	69.08
γ 51.0	87.85	75.74	59.08	63.79
γ 52.0	80.87	69.82	54.69	58.86
γ 53.0	74.51	64.45	50.57	54.42
γ 54.0	68.69	59.43	46.83	50.20
γ 55.0	63.19	54.81	43.27	46.28
γ 56.0	58.32	50.44	39.95	42.64
γ 57.0	53.83	46.42	36.87	39.26
γ 58.0	49.29	42.67	33.90	36.12
γ 59.0	45.23	39.05	31.21	33.18
γ 60.0	41.38	35.71	28.59	30.46
γ 61.0	37.83	32.63	26.13	27.75
γ 62.0	34.54	29.72	23.81	25.26
γ 63.0	31.44	27.07	21.66	22.93
γ 64.0	28.32	24.47	19.45	20.63
γ 65.0	25.63	21.99	17.53	18.65
γ 66.0	22.99	19.78	15.77	16.90
γ 67.0	20.83	17.66	14.17	14.65
γ 68.0	18.53	15.86	12.56	13.27
γ 69.0	16.30	13.71	11.47	12.16
γ 70.0	14.34	12.51	10.34	11.03
γ 71.0	13.10	11.27	9.24	10.03
γ 72.0	11.82	10.14	8.38	9.09
γ 73.0	10.68	9.11	7.55	8.25
γ 74.0	9.65	8.22	6.79	7.38
γ 75.0	8.69	7.32	5.97	6.72
γ 76.0	7.87	6.51	5.27	6.12
γ 77.0	7.06	5.71	4.75	5.57
γ 78.0	6.34	5.06	4.33	5.18
γ 79.0	5.74	4.53	4.03	4.83
γ 80.0	5.34	4.22	3.69	4.49
γ 81.0	4.89	3.88	3.41	4.13
γ 82.0	4.67	3.53	3.09	3.83
γ 83.0	4.31	3.31	2.82	3.56
γ 84.0	3.97	2.99	2.60	3.32
γ 85.0	3.70	2.76	2.28	2.97
γ 86.0	3.38	2.48	2.02	2.70
γ 87.0	3.11	2.22	1.78	2.39
γ 88.0	2.81	1.92	1.48	2.11
γ 89.0	2.48	1.60	1.35	2.00
γ 90.0	2.28	1.43	1.24	1.78
γ 91.0	2.08	1.34	1.07	1.64
γ 92.0	1.86	1.22	0.96	1.44
γ 93.0	1.78	0.93	0.82	1.36



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.52	0.84	0.75	1.26
γ 95.0	1.40	0.78	0.60	1.14
γ 96.0	1.36	0.64	0.55	1.02
γ 97.0	1.23	0.51	0.45	0.88
γ 98.0	1.12	0.49	0.38	0.73
γ 99.0	0.98	0.36	0.29	0.69
γ 100.0	0.81	0.22	0.16	0.60
γ 101.0	0.73	0.17	0.18	0.53
γ 102.0	0.62	0.16	0.06	0.42
γ 103.0	0.56	0.02	0.04	0.34
γ 104.0	0.44	0.00	0.00	0.37
γ 105.0	0.46	0.00	0.00	0.31
γ 106.0	0.29	0.00	0.00	0.20
γ 107.0	0.20	0.00	0.00	0.16
γ 108.0	0.21	0.00	0.00	0.17
γ 109.0	0.06	0.00	0.00	0.16
γ 110.0	0.10	0.00	0.00	0.08
γ 111.0	0.02	0.00	0.00	0.12
γ 112.0	0.00	0.00	0.00	0.05
γ 113.0	0.00	0.00	0.00	0.08
γ 114.0	0.00	0.00	0.00	0.09
γ 115.0	0.00	0.00	0.00	0.12
γ 116.0	0.00	0.00	0.04	0.12
γ 117.0	0.00	0.00	0.09	0.15
γ 118.0	0.00	0.00	0.19	0.25
γ 119.0	0.00	0.00	0.24	0.29
γ 120.0	0.00	0.00	0.26	0.37
γ 121.0	0.00	0.00	0.48	0.43
γ 122.0	0.03	0.00	0.49	0.52
γ 123.0	0.03	0.00	0.66	0.69
γ 124.0	0.16	0.00	0.77	0.71
γ 125.0	0.24	0.00	0.89	0.92
γ 126.0	0.31	0.16	1.11	1.11
γ 127.0	0.38	0.20	1.22	1.26
γ 128.0	0.57	0.44	1.49	1.36
γ 129.0	0.75	0.57	1.59	1.59
γ 130.0	0.86	0.73	1.79	1.88
γ 131.0	0.98	1.00	2.08	2.02
γ 132.0	1.19	1.05	2.22	2.21
γ 133.0	1.36	1.22	2.56	2.43
γ 134.0	1.62	1.50	2.73	2.75
γ 135.0	1.81	1.68	3.05	2.93
γ 136.0	2.07	1.92	3.29	3.22
γ 137.0	2.23	2.18	3.60	3.42
γ 138.0	2.51	2.39	3.84	3.68
γ 139.0	2.79	2.69	4.12	4.02
γ 140.0	3.09	2.89	4.40	4.24

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.38	3.23	4.63	4.48
γ 142.0	3.62	3.43	4.91	4.73
γ 143.0	3.87	3.73	5.25	5.02
γ 144.0	4.15	3.97	5.56	5.32
γ 145.0	4.48	4.35	5.82	5.56
γ 146.0	4.76	4.53	6.11	5.76
γ 147.0	4.96	4.89	6.31	6.13
γ 148.0	5.24	5.13	6.61	6.33
γ 149.0	5.57	5.39	6.87	6.63
γ 150.0	5.90	5.64	7.10	6.77
γ 151.0	6.07	5.87	7.26	6.97
γ 152.0	6.26	6.09	7.54	7.18
γ 153.0	6.55	6.39	7.74	7.36
γ 154.0	6.81	6.70	7.91	7.51
γ 155.0	7.01	6.81	8.04	7.66
γ 156.0	7.29	7.05	8.25	7.84
γ 157.0	7.39	7.25	8.40	7.95
γ 158.0	7.61	7.40	8.59	8.14
γ 159.0	7.74	7.59	8.68	8.21
γ 160.0	7.92	7.76	8.72	8.22
γ 161.0	8.07	7.90	8.88	8.39
γ 162.0	8.21	7.99	9.00	8.50
γ 163.0	8.27	8.15	9.02	8.55
γ 164.0	8.44	8.30	9.07	8.57
γ 165.0	8.57	8.38	9.13	8.62
γ 166.0	8.55	8.36	9.18	8.64
γ 167.0	8.77	8.57	9.16	8.73
γ 168.0	8.70	8.58	9.23	8.82
γ 169.0	8.77	8.69	9.31	8.81
γ 170.0	8.96	8.63	9.33	8.78
γ 171.0	8.93	8.70	9.27	8.85
γ 172.0	8.97	8.75	9.39	8.88
γ 173.0	9.01	8.88	9.39	9.01
γ 174.0	9.13	8.93	9.43	8.93
γ 175.0	9.22	8.96	9.44	8.97
γ 176.0	9.25	8.98	9.49	8.94
γ 177.0	9.28	9.02	9.57	9.06
γ 178.0	9.33	9.14	9.60	9.10
γ 179.0	9.41	9.18	9.57	9.19
γ 180.0	9.37	9.37	9.37	9.37