

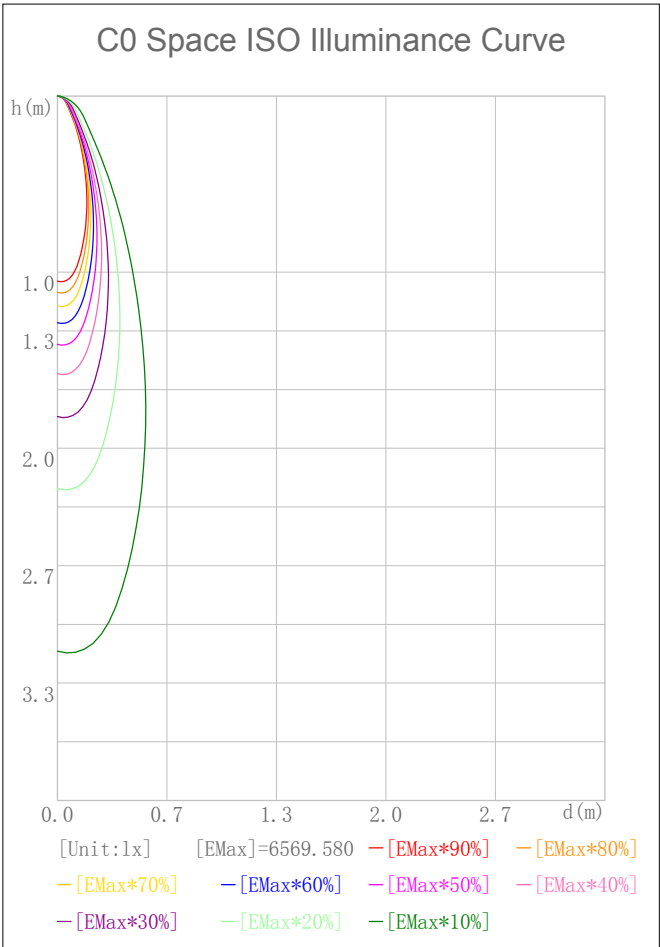
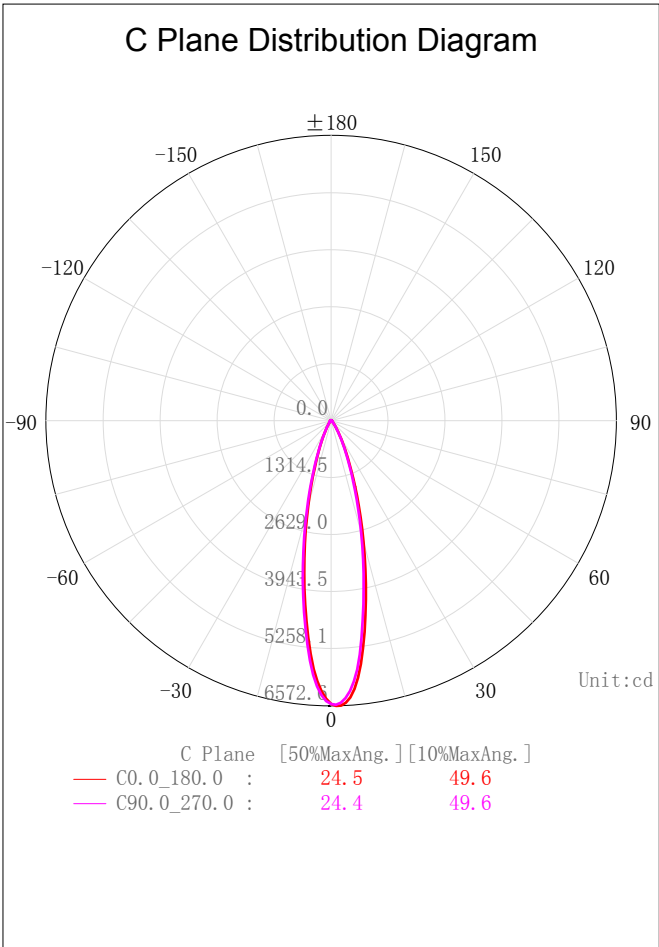
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-18-XX-01 4000K RA90 24D		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): 1703.280	Luminary Flux(lm): 1703.275	Field Angle(10%Imax): 49.6(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1690.132lm 99.23%	
Rated Voltage(V):	Luminary EER(lm/W): 101.993	Up Lumens&Percent: 13.143lm 0.77%	
Tested Power(W): 16.700	Max. Candela(cd): 6572.583	S/MH: C0_a180=0.414 C90_270=0.411	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.0, 0.071	Beam Angle(50%Imax): 24.5(°)	ErP ϕ use(90°): 1592.219lm	
Lamp Size (W*L*H):0.550m*0.550m*0.850m	Left=-10.8°, Right=13.7°	IRF(%): 771.168	



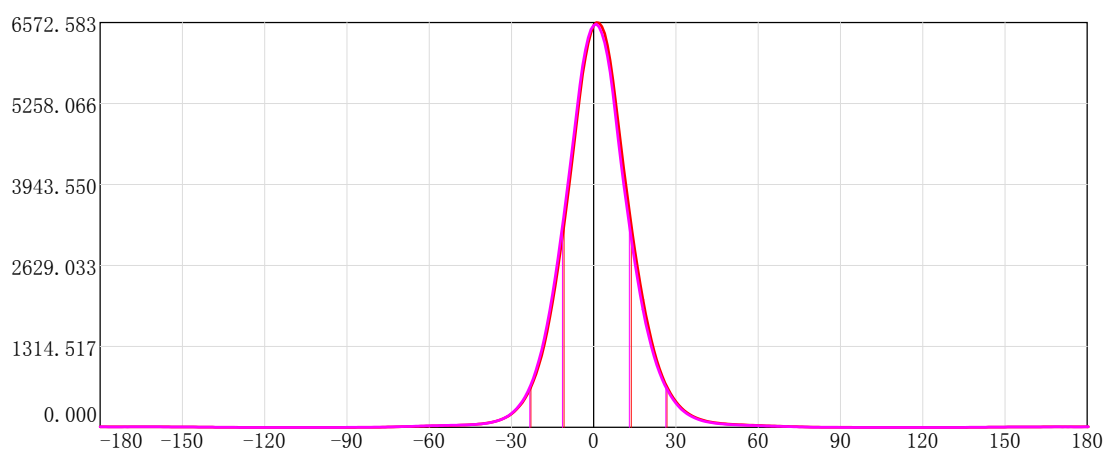
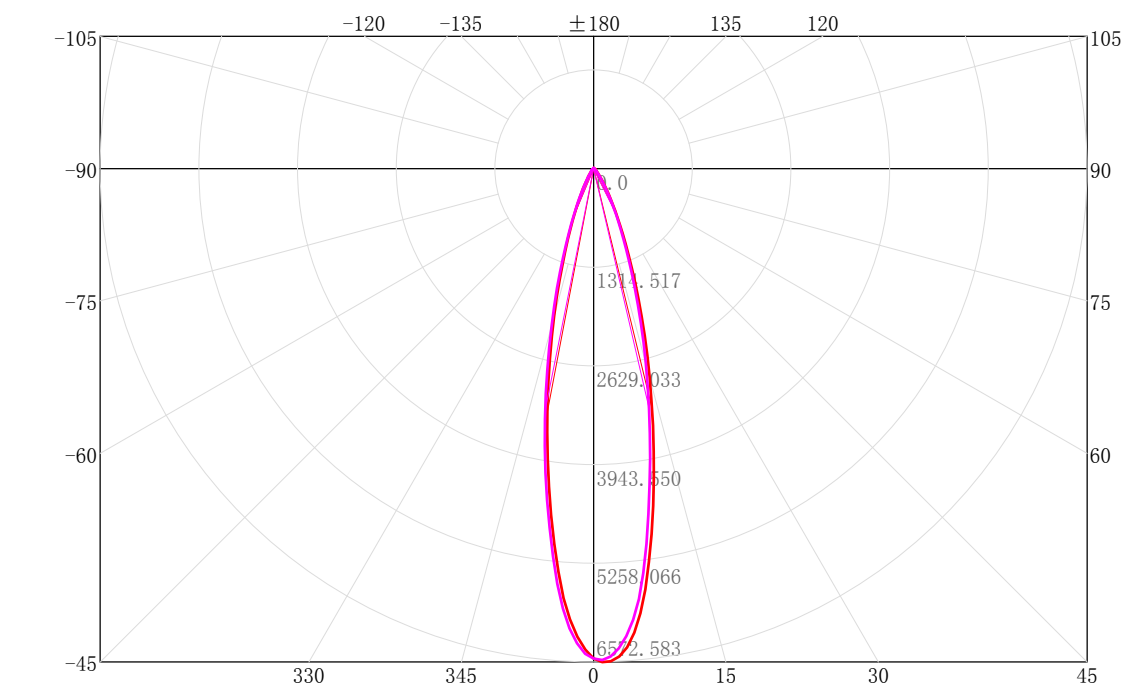
# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 24D.IES

## 2D Plane Light Intensity Distribution Curve

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

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]  
— C0.0\_180.0 : 24.5 49.6  
— C90.0\_270.0 : 24.4 49.6

Unit:cd

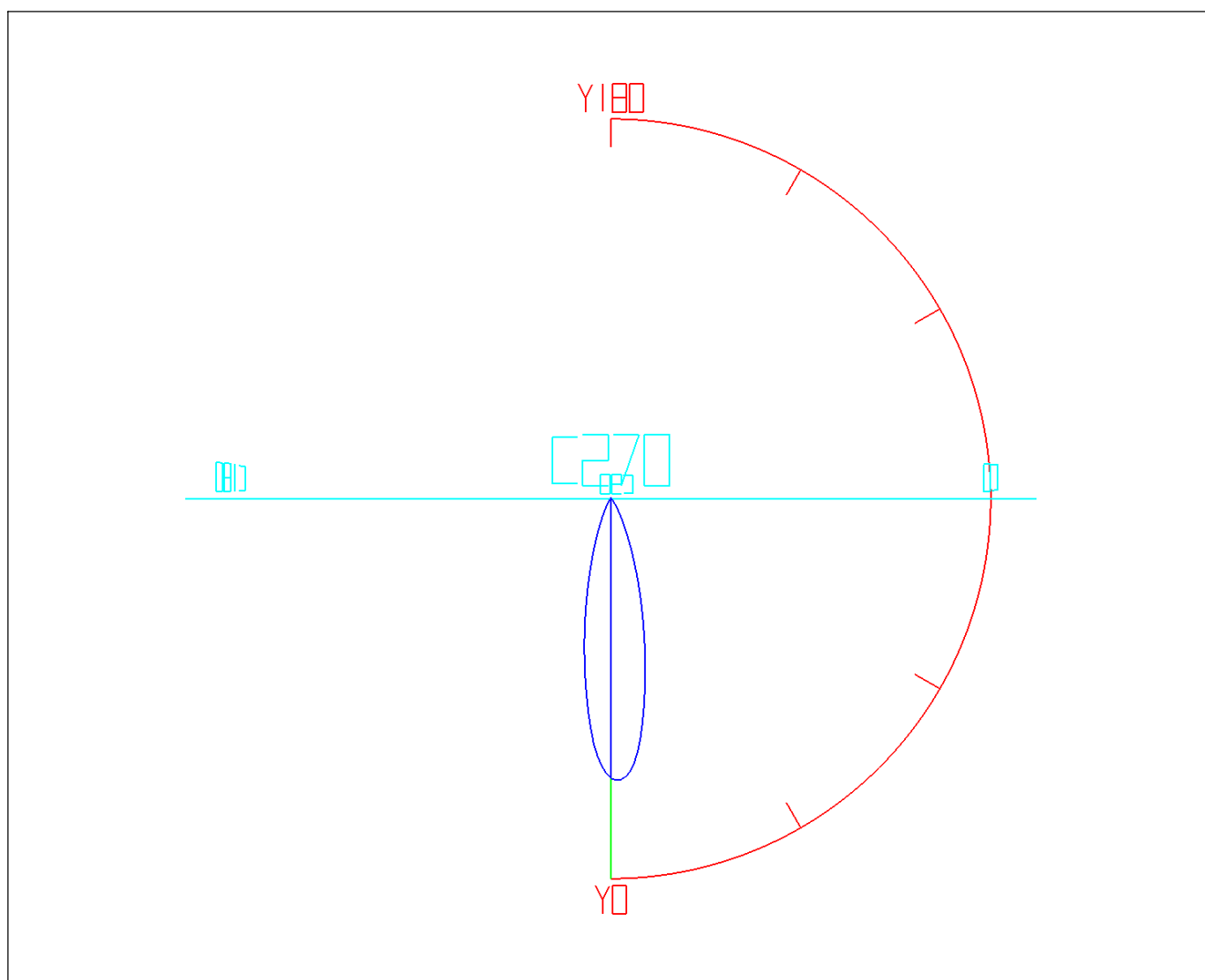
# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 24D.IES

## 3D Light Intensity Distribution Modal

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

## 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	6.23	6.23	0.37	0.37	47.0-48.0	3.93	1619.34	0.23	95.07
1.0-2.0	18.52	24.75	1.09	1.45	48.0-49.0	3.79	1623.13	0.22	95.29
2.0-3.0	30.30	55.05	1.78	3.23	49.0-50.0	3.66	1626.79	0.21	95.51
3.0-4.0	41.25	96.30	2.42	5.65	50.0-51.0	3.54	1630.33	0.21	95.72
4.0-5.0	51.00	147.30	2.99	8.65	51.0-52.0	3.43	1633.76	0.20	95.92
5.0-6.0	59.26	206.56	3.48	12.13	52.0-53.0	3.33	1637.10	0.20	96.11
6.0-7.0	65.90	272.47	3.87	16.00	53.0-54.0	3.24	1640.34	0.19	96.30
7.0-8.0	70.88	343.34	4.16	20.16	54.0-55.0	3.15	1643.49	0.19	96.49
8.0-9.0	74.31	417.65	4.36	24.52	55.0-56.0	3.06	1646.55	0.18	96.67
9.0-10.0	76.39	494.04	4.49	29.01	56.0-57.0	2.97	1649.52	0.17	96.84
10.0-11.0	77.27	571.31	4.54	33.54	57.0-58.0	2.87	1652.39	0.17	97.01
11.0-12.0	77.02	648.33	4.52	38.06	58.0-59.0	2.77	1655.17	0.16	97.18
12.0-13.0	75.78	724.12	4.45	42.51	59.0-60.0	2.67	1657.84	0.16	97.33
13.0-14.0	73.68	797.79	4.33	46.84	60.0-61.0	2.56	1660.40	0.15	97.48
14.0-15.0	70.89	868.68	4.16	51.00	61.0-62.0	2.45	1662.86	0.14	97.63
15.0-16.0	67.58	936.26	3.97	54.97	62.0-63.0	2.34	1665.20	0.14	97.76
16.0-17.0	63.81	1000.07	3.75	58.71	63.0-64.0	2.23	1667.43	0.13	97.90
17.0-18.0	59.69	1059.76	3.50	62.22	64.0-65.0	2.11	1669.54	0.12	98.02
18.0-19.0	55.36	1115.13	3.25	65.47	65.0-66.0	1.99	1671.54	0.12	98.14
19.0-20.0	51.02	1166.14	3.00	68.46	66.0-67.0	1.87	1673.41	0.11	98.25
20.0-21.0	46.77	1212.91	2.75	71.21	67.0-68.0	1.76	1675.17	0.10	98.35
21.0-22.0	42.65	1255.56	2.50	73.71	68.0-69.0	1.64	1676.81	0.10	98.45
22.0-23.0	38.73	1294.29	2.27	75.99	69.0-70.0	1.53	1678.34	0.09	98.54
23.0-24.0	35.07	1329.36	2.06	78.05	70.0-71.0	1.42	1679.76	0.08	98.62
24.0-25.0	31.67	1361.03	1.86	79.91	71.0-72.0	1.30	1681.06	0.08	98.70
25.0-26.0	28.50	1389.53	1.67	81.58	72.0-73.0	1.19	1682.25	0.07	98.77
26.0-27.0	25.58	1415.11	1.50	83.08	73.0-74.0	1.07	1683.32	0.06	98.83
27.0-28.0	22.91	1438.02	1.35	84.43	74.0-75.0	0.95	1684.26	0.06	98.88
28.0-29.0	20.48	1458.50	1.20	85.63	75.0-76.0	0.83	1685.09	0.05	98.93
29.0-30.0	18.27	1476.77	1.07	86.70	76.0-77.0	0.70	1685.79	0.04	98.97
30.0-31.0	16.28	1493.05	0.96	87.66	77.0-78.0	0.60	1686.39	0.04	99.01
31.0-32.0	14.50	1507.55	0.85	88.51	78.0-79.0	0.51	1686.90	0.03	99.04
32.0-33.0	12.94	1520.49	0.76	89.27	79.0-80.0	0.45	1687.35	0.03	99.06
33.0-34.0	11.58	1532.08	0.68	89.95	80.0-81.0	0.41	1687.76	0.02	99.09
34.0-35.0	10.39	1542.47	0.61	90.56	81.0-82.0	0.38	1688.13	0.02	99.11
35.0-36.0	9.34	1551.81	0.55	91.11	82.0-83.0	0.35	1688.48	0.02	99.13
36.0-37.0	8.43	1560.24	0.50	91.60	83.0-84.0	0.32	1688.81	0.02	99.15
37.0-38.0	7.65	1567.89	0.45	92.05	84.0-85.0	0.29	1689.10	0.02	99.17
38.0-39.0	6.97	1574.86	0.41	92.46	85.0-86.0	0.26	1689.36	0.02	99.18
39.0-40.0	6.38	1581.24	0.37	92.84	86.0-87.0	0.23	1689.59	0.01	99.20
40.0-41.0	5.89	1587.13	0.35	93.18	87.0-88.0	0.21	1689.80	0.01	99.21
41.0-42.0	5.46	1592.59	0.32	93.50	88.0-89.0	0.18	1689.98	0.01	99.22
42.0-43.0	5.10	1597.70	0.30	93.80	89.0-90.0	0.15	1690.13	0.01	99.23
43.0-44.0	4.79	1602.48	0.28	94.08	90.0-91.0	0.14	1690.27	0.01	99.24
44.0-45.0	4.53	1607.01	0.27	94.35	91.0-92.0	0.12	1690.39	0.01	99.24
45.0-46.0	4.30	1611.31	0.25	94.60	92.0-93.0	0.11	1690.50	0.01	99.25
46.0-47.0	4.10	1615.41	0.24	94.84	93.0-94.0	0.09	1690.60	0.01	99.26

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	0.08	1690.68	0.00	99.26	141.0-142.0	0.28	1693.20	0.02	99.41
95.0-96.0	0.07	1690.74	0.00	99.26	142.0-143.0	0.30	1693.50	0.02	99.43
96.0-97.0	0.05	1690.80	0.00	99.27	143.0-144.0	0.32	1693.82	0.02	99.44
97.0-98.0	0.05	1690.84	0.00	99.27	144.0-145.0	0.33	1694.15	0.02	99.46
98.0-99.0	0.04	1690.88	0.00	99.27	145.0-146.0	0.35	1694.50	0.02	99.48
99.0-100.0	0.03	1690.91	0.00	99.27	146.0-147.0	0.36	1694.86	0.02	99.51
100.0-101.0	0.02	1690.94	0.00	99.28	147.0-148.0	0.37	1695.23	0.02	99.53
101.0-102.0	0.02	1690.95	0.00	99.28	148.0-149.0	0.38	1695.61	0.02	99.55
102.0-103.0	0.01	1690.97	0.00	99.28	149.0-150.0	0.39	1695.99	0.02	99.57
103.0-104.0	0.01	1690.98	0.00	99.28	150.0-151.0	0.39	1696.38	0.02	99.60
104.0-105.0	0.01	1690.99	0.00	99.28	151.0-152.0	0.39	1696.77	0.02	99.62
105.0-106.0	0.01	1690.99	0.00	99.28	152.0-153.0	0.39	1697.17	0.02	99.64
106.0-107.0	0.01	1691.00	0.00	99.28	153.0-154.0	0.39	1697.56	0.02	99.66
107.0-108.0	0.00	1691.00	0.00	99.28	154.0-155.0	0.39	1697.95	0.02	99.69
108.0-109.0	0.00	1691.00	0.00	99.28	155.0-156.0	0.38	1698.33	0.02	99.71
109.0-110.0	0.00	1691.00	0.00	99.28	156.0-157.0	0.37	1698.70	0.02	99.73
110.0-111.0	0.00	1691.00	0.00	99.28	157.0-158.0	0.37	1699.07	0.02	99.75
111.0-112.0	0.00	1691.00	0.00	99.28	158.0-159.0	0.36	1699.43	0.02	99.77
112.0-113.0	0.00	1691.00	0.00	99.28	159.0-160.0	0.34	1699.77	0.02	99.79
113.0-114.0	0.00	1691.00	0.00	99.28	160.0-161.0	0.33	1700.10	0.02	99.81
114.0-115.0	0.00	1691.00	0.00	99.28	161.0-162.0	0.32	1700.42	0.02	99.83
115.0-116.0	0.00	1691.00	0.00	99.28	162.0-163.0	0.30	1700.73	0.02	99.85
116.0-117.0	0.00	1691.00	0.00	99.28	163.0-164.0	0.29	1701.02	0.02	99.87
117.0-118.0	0.00	1691.00	0.00	99.28	164.0-165.0	0.27	1701.29	0.02	99.88
118.0-119.0	0.00	1691.00	0.00	99.28	165.0-166.0	0.26	1701.54	0.02	99.90
119.0-120.0	0.00	1691.00	0.00	99.28	166.0-167.0	0.24	1701.78	0.01	99.91
120.0-121.0	0.00	1691.00	0.00	99.28	167.0-168.0	0.22	1702.00	0.01	99.93
121.0-122.0	0.00	1691.01	0.00	99.28	168.0-169.0	0.20	1702.21	0.01	99.94
122.0-123.0	0.00	1691.01	0.00	99.28	169.0-170.0	0.19	1702.39	0.01	99.95
123.0-124.0	0.01	1691.01	0.00	99.28	170.0-171.0	0.17	1702.56	0.01	99.96
124.0-125.0	0.01	1691.03	0.00	99.28	171.0-172.0	0.15	1702.71	0.01	99.97
125.0-126.0	0.02	1691.04	0.00	99.28	172.0-173.0	0.13	1702.84	0.01	99.97
126.0-127.0	0.02	1691.07	0.00	99.28	173.0-174.0	0.11	1702.96	0.01	99.98
127.0-128.0	0.03	1691.10	0.00	99.28	174.0-175.0	0.10	1703.06	0.01	99.99
128.0-129.0	0.04	1691.14	0.00	99.29	175.0-176.0	0.08	1703.13	0.00	99.99
129.0-130.0	0.05	1691.19	0.00	99.29	176.0-177.0	0.06	1703.20	0.00	100.00
130.0-131.0	0.06	1691.25	0.00	99.29	177.0-178.0	0.04	1703.24	0.00	100.00
131.0-132.0	0.08	1691.33	0.00	99.30	178.0-179.0	0.03	1703.27	0.00	100.00
132.0-133.0	0.10	1691.42	0.01	99.30	179.0-180.0	0.01	1703.28	0.00	100.00
133.0-134.0	0.11	1691.54	0.01	99.31					
134.0-135.0	0.13	1691.67	0.01	99.32					
135.0-136.0	0.15	1691.83	0.01	99.33					
136.0-137.0	0.17	1692.00	0.01	99.34					
137.0-138.0	0.20	1692.20	0.01	99.35					
138.0-139.0	0.22	1692.42	0.01	99.36					
139.0-140.0	0.24	1692.66	0.01	99.38					
140.0-141.0	0.26	1692.92	0.02	99.39					

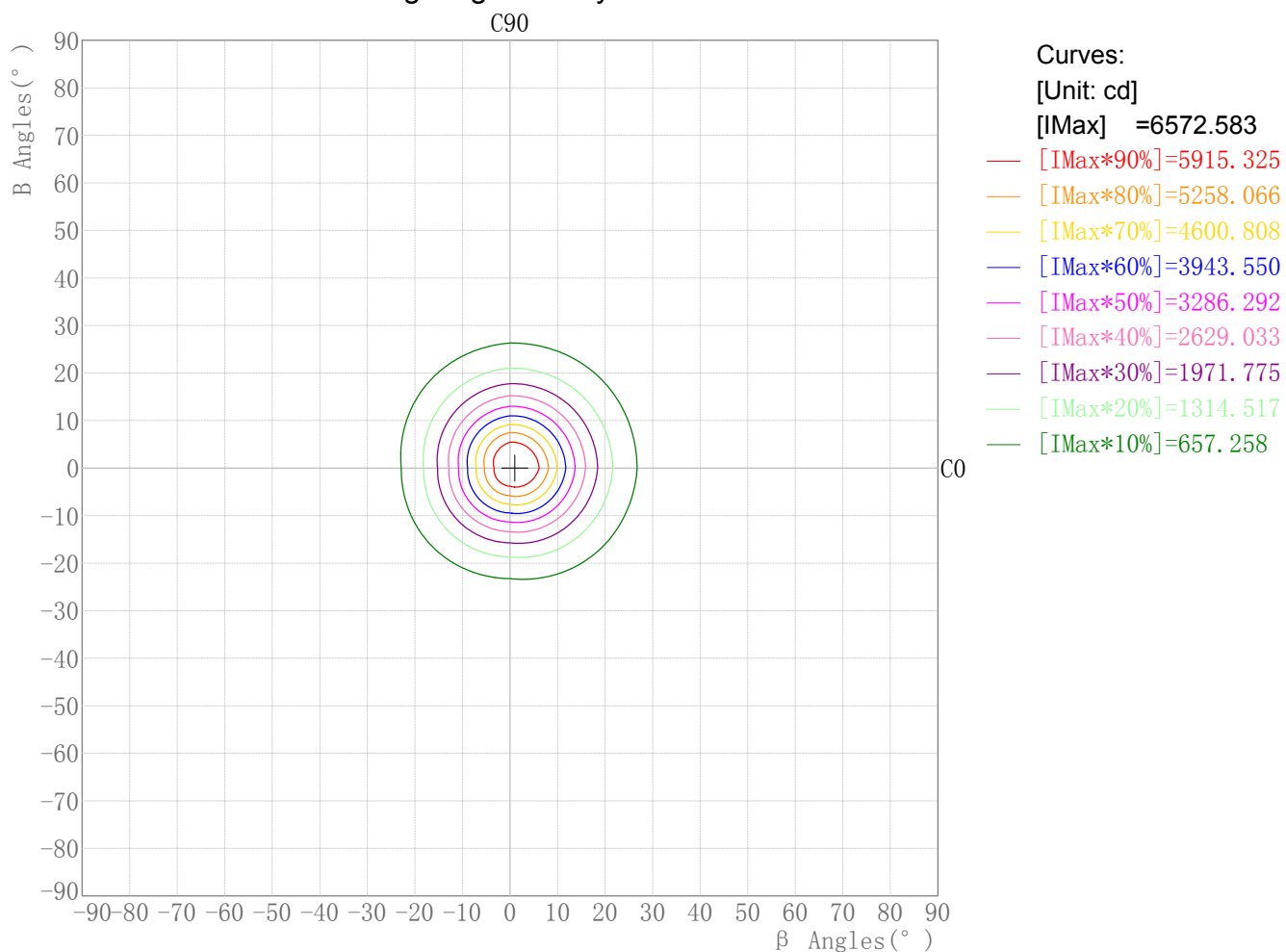
# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 24D.IES

## Rectangle ISO Lighting Intensity Diagram

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

### ISO Lighting Intensity Curve



Maximum Light Intensity(cd): 6572.58

Maximum Cand.@Angle: H=1.0°,V=0.0°

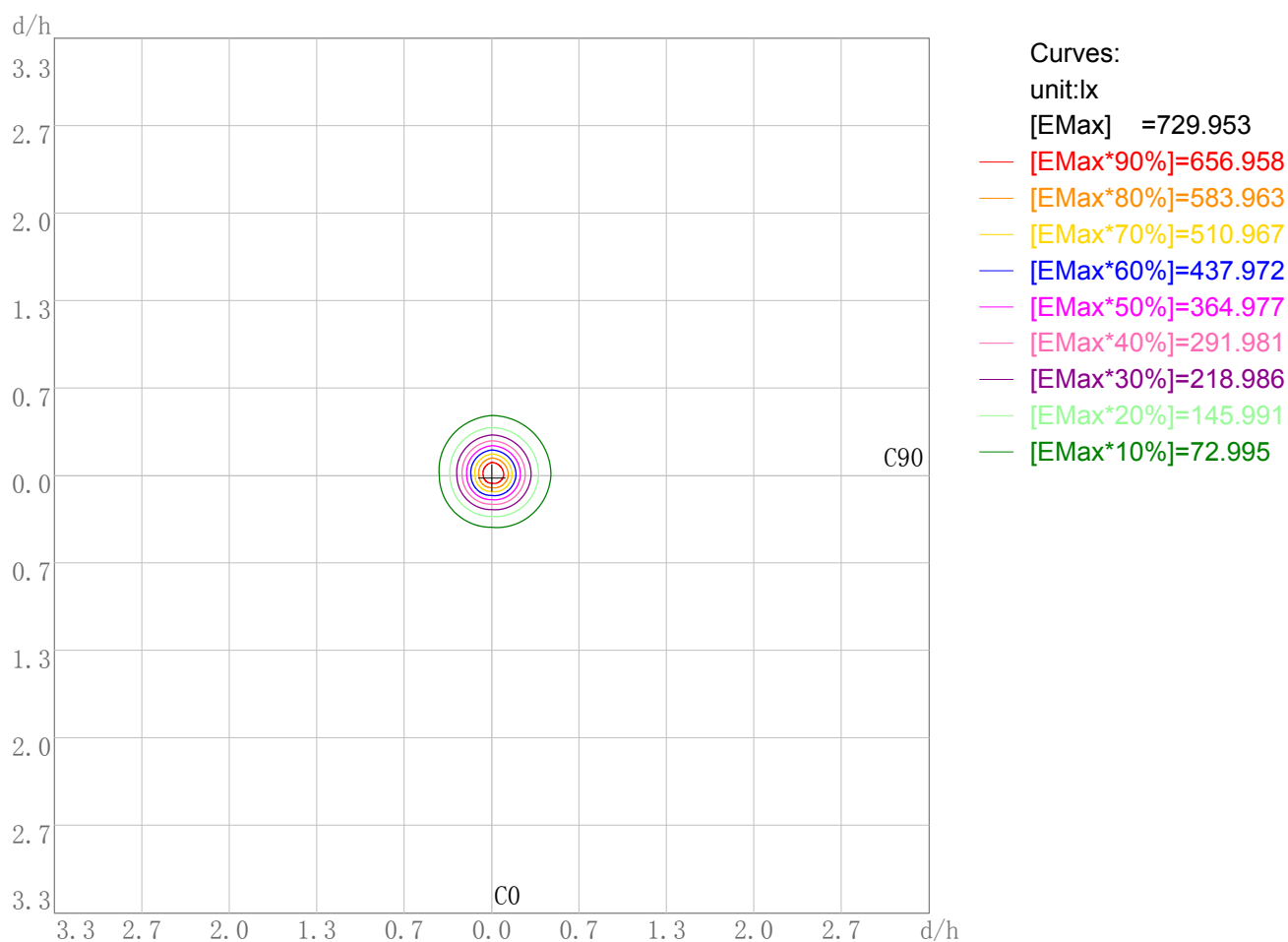
# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 24D.IES

## Plane ISO-Illuminance Diagram

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

## Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 729.95

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

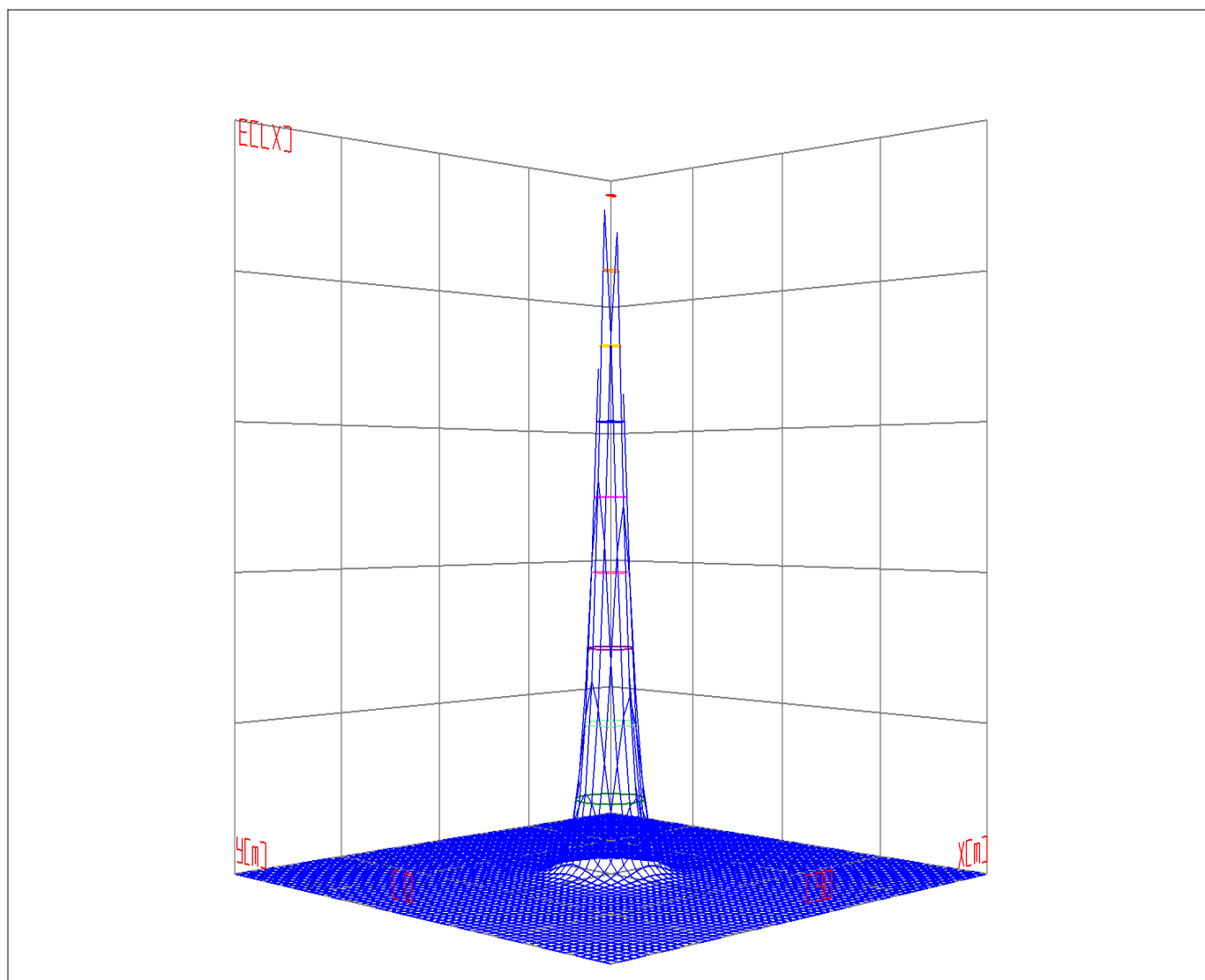
# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 24D.IES

## 3D Plane ISO Illuminance Diagram

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

## 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



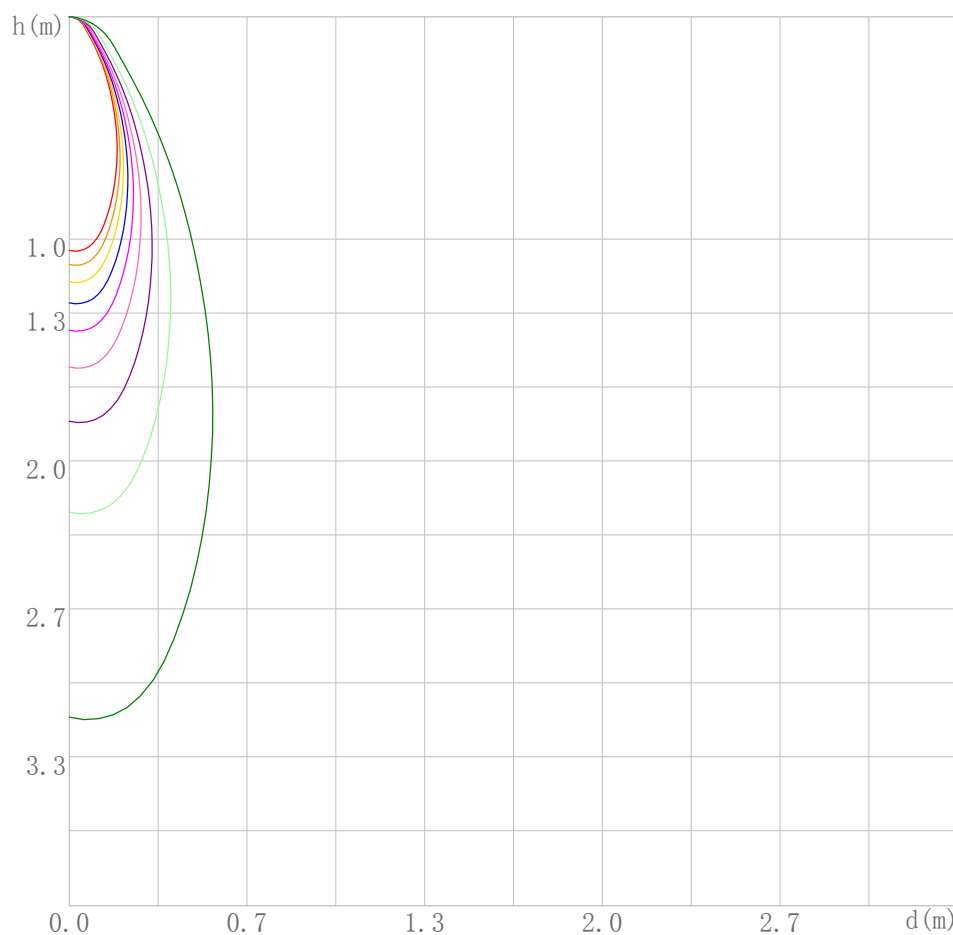
# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 24D.IES

## Space ISO Illuminance Diagram

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

## Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =6569.580

— [EMax\*90%]=5912.622

— [EMax\*80%]=5255.664

— [EMax\*70%]=4598.706

— [EMax\*60%]=3941.748

— [EMax\*50%]=3284.790

— [EMax\*40%]=2627.832

— [EMax\*30%]=1970.874

— [EMax\*20%]=1313.916

— [EMax\*10%]=656.958

Space Plane Maximum Illuminance and @Angle:6569.58lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:6572.583cd,0deg

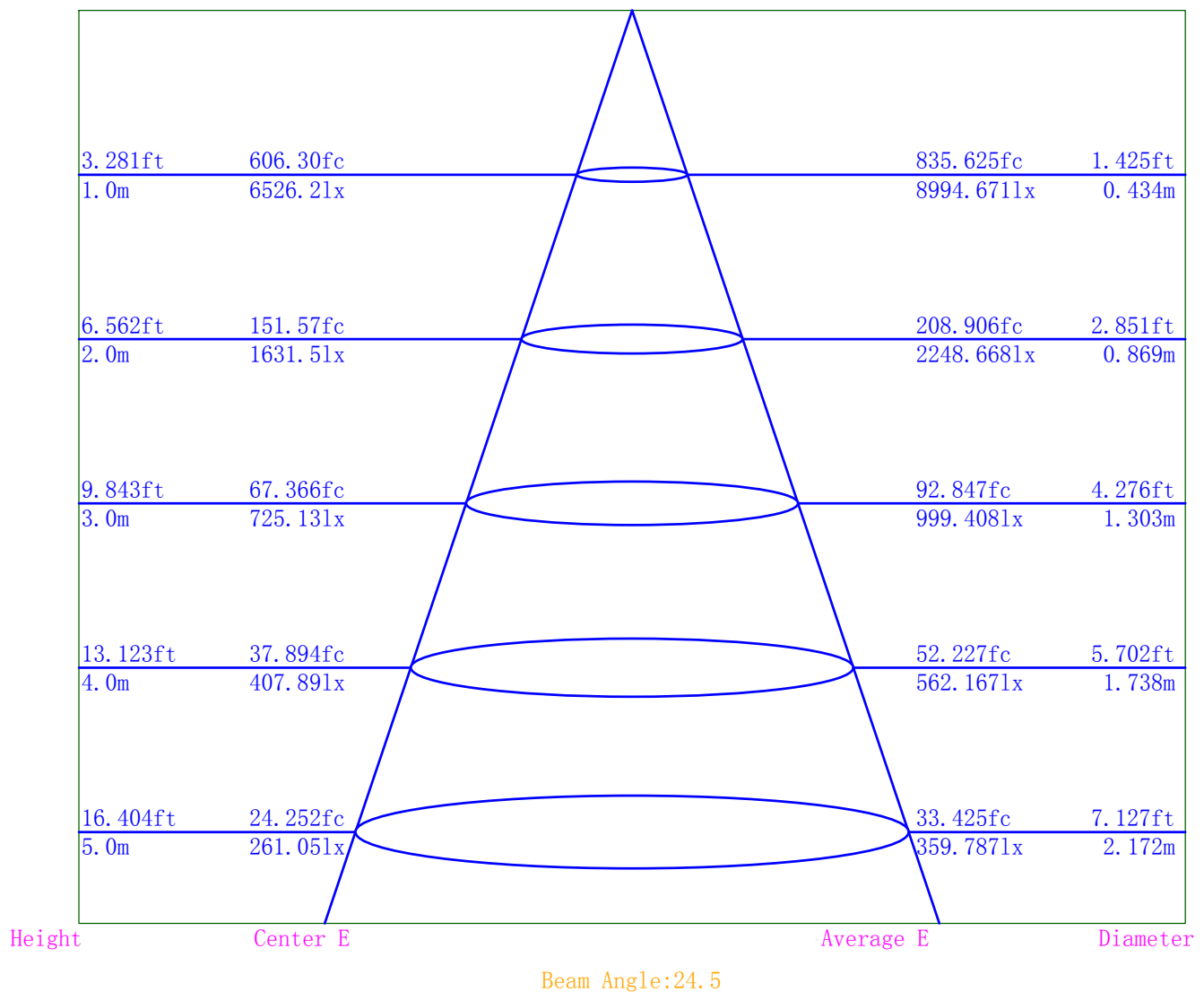
# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 24D.IES

## Illuminance-Distance Diagram

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

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

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

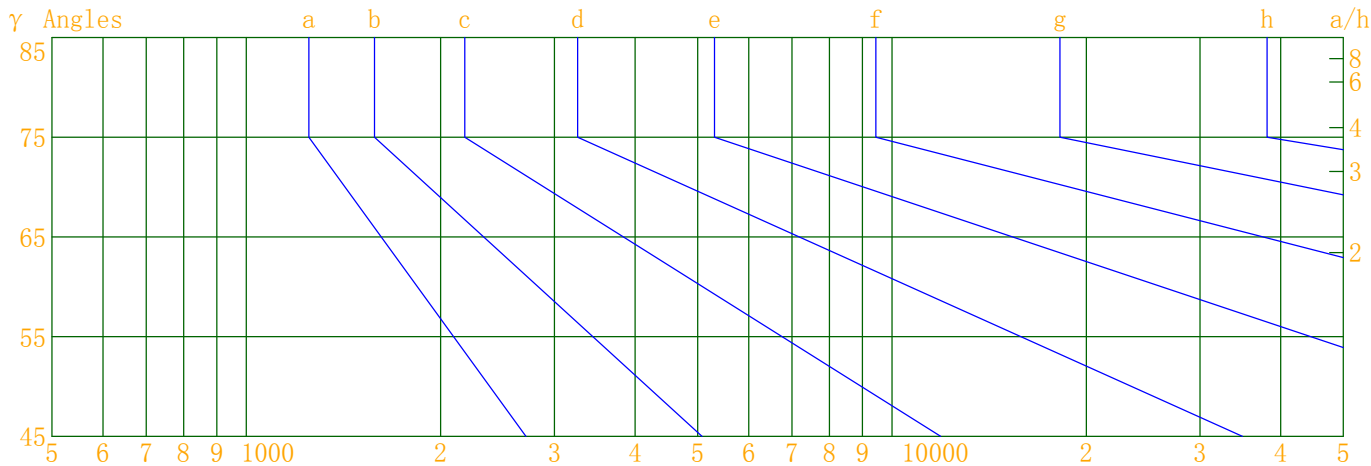
Glare Grade Table

GI	Quality	Using Illuminace							
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	134	106	93	83	74	64	52	36	50
C90	120	94	82	74	65	56	45	28	36

Luminance Limiting Curve



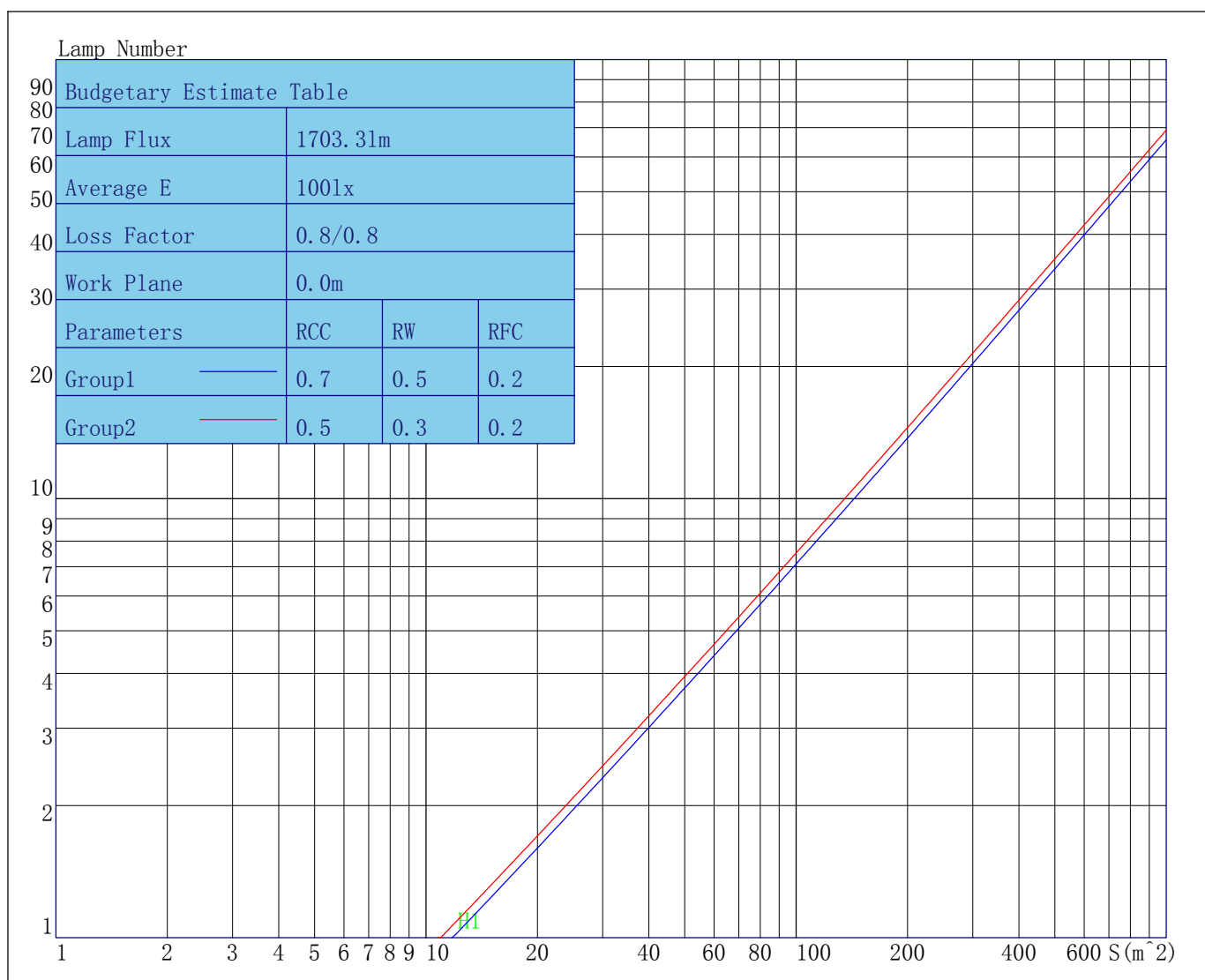
Luminous Size: Length(m)=0.550 Width(m)=0.550 Height(m)=0.850 Area(m^2)=0.770000  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: C90-C270 Color:

# IES Indoor Report

Photometric Filename:MD10-18-XX-01 4000K RA90 24D.IES

## Indoor Budgetary Estimate Table

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



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: MD10-18-XX-01 4000K RA90 24D	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: 2019/12/27

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	114	112	110	108	112	109	108	106	105	104	102	102	100	99	98	97	96	94
2	110	105	102	99	107	104	101	98	100	98	96	97	95	94	95	93	92	90
3	105	100	96	93	103	99	95	92	96	93	90	94	91	89	91	89	87	86
4	101	95	91	87	100	94	90	87	92	88	86	90	87	85	88	86	84	82
5	98	91	86	83	96	90	86	82	88	85	82	87	83	81	85	82	80	79
6	94	87	82	79	93	86	82	79	85	81	78	84	80	78	82	79	77	76
7	91	84	79	76	90	83	79	75	82	78	75	81	77	75	80	77	74	73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72	71
9	86	78	73	70	85	77	73	70	77	73	70	76	72	70	75	72	69	68
10	83	75	71	68	82	75	71	68	74	70	67	73	70	67	73	69	67	66

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, Y) at various heights (2H, 3H, 4H, 6H, 8H, 12H). 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	6526.17	6526.17	6526.17	6526.17
γ 1.0	6572.58	6546.88	6407.36	6461.85
γ 2.0	6565.64	6501.09	6237.10	6325.81
γ 3.0	6506.54	6397.85	6012.22	6130.57
γ 4.0	6392.15	6241.41	5736.20	5871.87
γ 5.0	6203.76	6030.56	5391.39	5551.67
γ 6.0	5954.34	5763.94	5024.17	5188.92
γ 7.0	5645.78	5428.67	4647.29	4816.70
γ 8.0	5292.34	5047.50	4277.36	4457.00
γ 9.0	4926.93	4661.04	3913.61	4099.04
γ 10.0	4561.44	4290.46	3565.61	3748.99
γ 11.0	4199.26	3940.51	3225.97	3399.96
γ 12.0	3847.93	3603.90	2900.71	3065.28
γ 13.0	3511.82	3282.41	2589.70	2741.70
γ 14.0	3185.07	2973.73	2298.07	2441.29
γ 15.0	2878.90	2683.68	2032.10	2161.58
γ 16.0	2597.00	2410.73	1783.63	1900.76
γ 17.0	2325.25	2152.17	1554.60	1666.36
γ 18.0	2073.08	1913.73	1348.45	1447.39
γ 19.0	1835.65	1692.14	1165.98	1252.15
γ 20.0	1621.16	1496.27	1007.00	1079.44
γ 21.0	1424.61	1316.71	868.17	929.03
γ 22.0	1247.70	1157.51	749.51	795.81
γ 23.0	1091.46	1016.27	643.65	682.11
γ 24.0	953.06	892.49	553.26	583.59
γ 25.0	833.16	781.64	474.79	498.58
γ 26.0	725.79	683.89	406.01	425.88
γ 27.0	632.73	597.49	347.39	363.14
γ 28.0	551.62	520.25	297.62	309.55
γ 29.0	479.90	452.85	254.82	264.19
γ 30.0	417.22	392.80	218.96	226.05
γ 31.0	362.73	340.26	188.20	193.45
γ 32.0	316.12	294.74	162.76	166.33
γ 33.0	275.75	256.19	141.96	143.46
γ 34.0	241.33	223.46	124.56	124.46
γ 35.0	211.32	194.90	109.67	108.87
γ 36.0	185.68	170.68	96.99	95.72
γ 37.0	164.01	149.90	86.52	84.69
γ 38.0	145.29	132.77	77.55	75.63
γ 39.0	129.42	117.74	69.95	68.27
γ 40.0	115.92	105.14	63.66	62.17
γ 41.0	104.33	94.40	58.35	57.36
γ 42.0	94.40	85.41	53.93	53.31
γ 43.0	86.04	77.69	50.14	49.83
γ 44.0	78.83	71.15	46.87	47.06
γ 45.0	72.82	65.43	44.17	44.82
γ 46.0	67.41	60.39	41.73	42.79

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	62.97	56.14	39.65	41.25
γ 48.0	59.06	52.51	37.95	39.72
γ 49.0	55.55	49.32	36.33	38.47
γ 50.0	52.52	46.45	34.92	37.35
γ 51.0	49.73	44.03	33.62	36.18
γ 52.0	47.26	41.74	32.34	35.19
γ 53.0	45.00	39.73	31.20	34.18
γ 54.0	42.90	37.98	30.15	33.14
γ 55.0	40.88	36.23	29.13	32.11
γ 56.0	38.94	34.70	28.07	30.92
γ 57.0	37.07	33.10	26.96	29.79
γ 58.0	35.51	31.49	25.85	28.67
γ 59.0	33.68	29.97	24.75	27.37
γ 60.0	32.11	28.48	23.65	26.19
γ 61.0	30.29	26.92	22.49	24.86
γ 62.0	28.79	25.59	21.39	23.42
γ 63.0	27.17	24.07	20.14	22.19
γ 64.0	25.61	22.66	18.94	20.86
γ 65.0	24.10	21.31	17.86	19.53
γ 66.0	22.47	19.90	16.60	18.15
γ 67.0	21.11	18.52	15.39	16.84
γ 68.0	19.59	17.23	14.38	15.77
γ 69.0	18.08	15.78	13.38	14.57
γ 70.0	16.83	14.63	12.22	13.49
γ 71.0	15.60	13.51	11.14	12.32
γ 72.0	14.25	12.37	10.02	11.16
γ 73.0	13.06	11.22	8.87	9.85
γ 74.0	11.75	10.04	7.76	8.68
γ 75.0	10.46	8.88	6.63	7.49
γ 76.0	9.17	7.74	5.47	6.41
γ 77.0	7.88	6.58	4.30	5.28
γ 78.0	6.74	5.46	3.77	4.66
γ 79.0	5.58	4.26	3.42	4.26
γ 80.0	4.86	3.74	3.17	3.92
γ 81.0	4.53	3.41	2.87	3.62
γ 82.0	4.24	3.22	2.56	3.39
γ 83.0	3.87	3.02	2.32	3.13
γ 84.0	3.66	2.62	2.10	2.81
γ 85.0	3.37	2.40	1.82	2.55
γ 86.0	3.11	2.18	1.46	2.21
γ 87.0	2.84	1.95	1.24	2.02
γ 88.0	2.57	1.64	1.21	1.74
γ 89.0	2.20	1.37	0.85	1.55
γ 90.0	2.01	1.25	0.70	1.35
γ 91.0	1.92	1.09	0.63	1.14
γ 92.0	1.69	0.94	0.47	1.09
γ 93.0	1.61	0.82	0.33	0.93



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.44	0.73	0.25	0.78
γ 95.0	1.29	0.58	0.20	0.65
γ 96.0	1.11	0.50	0.01	0.53
γ 97.0	1.08	0.38	0.00	0.42
γ 98.0	0.85	0.32	0.00	0.29
γ 99.0	0.83	0.24	0.00	0.22
γ 100.0	0.76	0.16	0.00	0.15
γ 101.0	0.58	0.05	0.00	0.09
γ 102.0	0.51	0.00	0.00	0.01
γ 103.0	0.47	0.00	0.00	0.00
γ 104.0	0.34	0.00	0.00	0.00
γ 105.0	0.23	0.00	0.00	0.00
γ 106.0	0.23	0.00	0.00	0.00
γ 107.0	0.19	0.00	0.00	0.00
γ 108.0	0.14	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.01	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.07
γ 123.0	0.00	0.00	0.04	0.06
γ 124.0	0.00	0.00	0.23	0.18
γ 125.0	0.00	0.00	0.35	0.35
γ 126.0	0.00	0.00	0.44	0.49
γ 127.0	0.00	0.00	0.70	0.63
γ 128.0	0.00	0.00	0.87	0.70
γ 129.0	0.00	0.00	1.15	1.05
γ 130.0	0.01	0.00	1.33	1.25
γ 131.0	0.12	0.10	1.57	1.46
γ 132.0	0.32	0.31	1.86	1.79
γ 133.0	0.55	0.50	2.18	1.94
γ 134.0	0.82	0.76	2.47	2.30
γ 135.0	1.04	0.97	2.79	2.61
γ 136.0	1.29	1.36	3.13	2.92
γ 137.0	1.54	1.55	3.44	3.27
γ 138.0	1.87	1.93	3.84	3.64
γ 139.0	2.21	2.24	4.30	3.93
γ 140.0	2.54	2.70	4.63	4.38

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.90	3.03	5.04	4.77
γ 142.0	3.23	3.44	5.42	5.13
γ 143.0	3.60	3.74	5.82	5.53
γ 144.0	4.02	4.19	6.15	5.89
γ 145.0	4.39	4.45	6.56	6.23
γ 146.0	4.68	4.94	6.88	6.55
γ 147.0	5.12	5.28	7.24	6.86
γ 148.0	5.51	5.63	7.52	7.18
γ 149.0	5.92	6.00	7.76	7.54
γ 150.0	6.19	6.31	8.12	7.73
γ 151.0	6.52	6.61	8.28	8.01
γ 152.0	6.83	6.89	8.57	8.19
γ 153.0	7.22	7.17	8.79	8.53
γ 154.0	7.40	7.42	9.02	8.65
γ 155.0	7.65	7.62	9.23	8.74
γ 156.0	7.95	7.80	9.25	8.86
γ 157.0	8.14	7.99	9.46	9.02
γ 158.0	8.32	8.24	9.54	9.11
γ 159.0	8.51	8.34	9.65	9.22
γ 160.0	8.67	8.43	9.69	9.23
γ 161.0	8.89	8.62	9.81	9.30
γ 162.0	9.00	8.76	9.69	9.26
γ 163.0	9.09	8.82	9.83	9.32
γ 164.0	9.20	8.88	9.76	9.35
γ 165.0	9.23	8.92	9.78	9.32
γ 166.0	9.22	9.05	9.78	9.31
γ 167.0	9.28	9.02	9.69	9.23
γ 168.0	9.36	9.15	9.70	9.23
γ 169.0	9.33	9.10	9.67	9.19
γ 170.0	9.35	9.11	9.60	9.06
γ 171.0	9.35	9.06	9.51	9.12
γ 172.0	9.31	9.10	9.54	9.04
γ 173.0	9.33	9.09	9.47	9.06
γ 174.0	9.36	9.12	9.37	8.91
γ 175.0	9.33	9.03	9.35	8.96
γ 176.0	9.32	9.05	9.43	8.99
γ 177.0	9.27	9.04	9.45	9.02
γ 178.0	9.28	9.07	9.44	9.10
γ 179.0	9.39	9.13	9.43	9.14
γ 180.0	9.34	9.34	9.34	9.34