

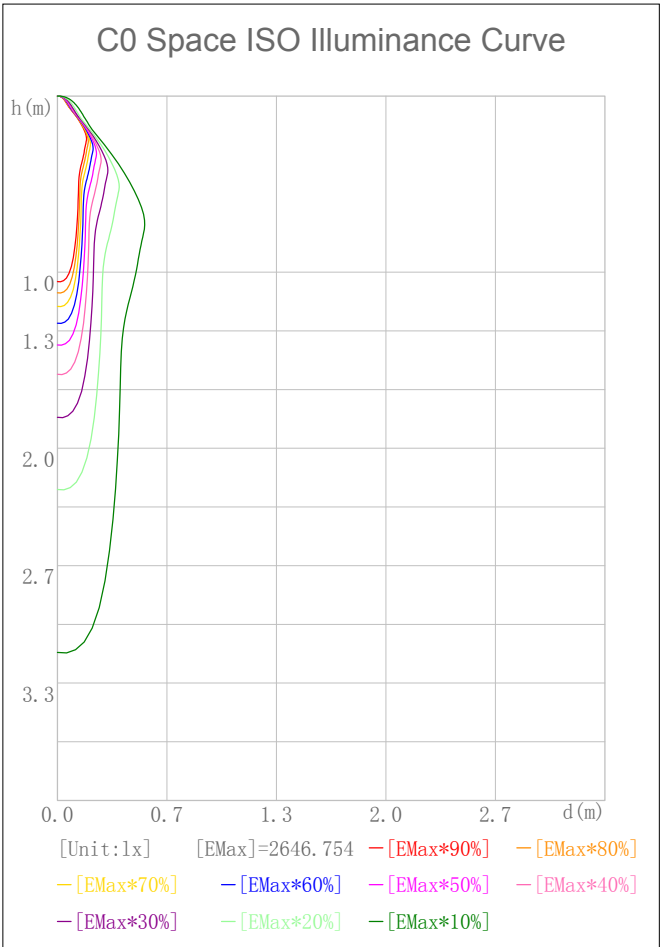
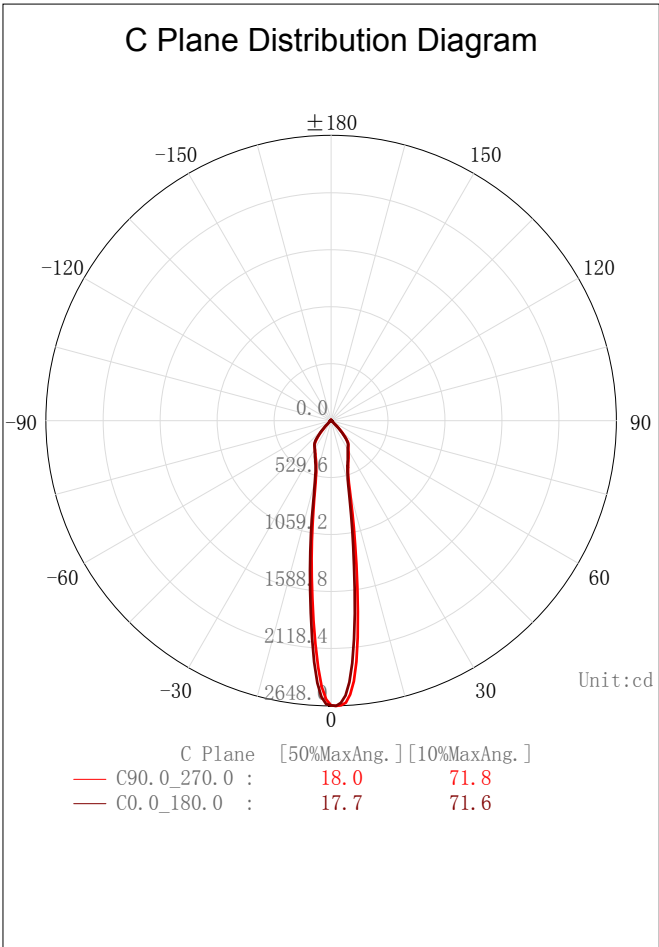
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-09-XX-02 3000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/11/20
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*0.060m	Lum. Area (m2): 0.005	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): 806.730	Luminary Flux(lm): 806.732	Field Angle(10%Imax): 71.8(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 786.972lm 97.55%
Rated Voltage(V):	Luminary EER(lm/W): 90.961	Up Lumens&Percent: 19.761lm 2.45%
Tested Power(W): 8.869	Max. Candela(cd): 2648.014	S/MH: C0_a180=0.303 C90_270=0.308
Lamps' Inside: 1	Max Cand@Ang. (°): C=90.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf): 240.1, 0.040, 0.913	Beam Angle(50%Imax): 18.0(°)	ErP Φ use(90°): 740.210lm
Lamp Size (W*L*H): 0.050m*0.050m*0.060m	Left=-7.8°, Right=10.2°	IRF(%): 723.798



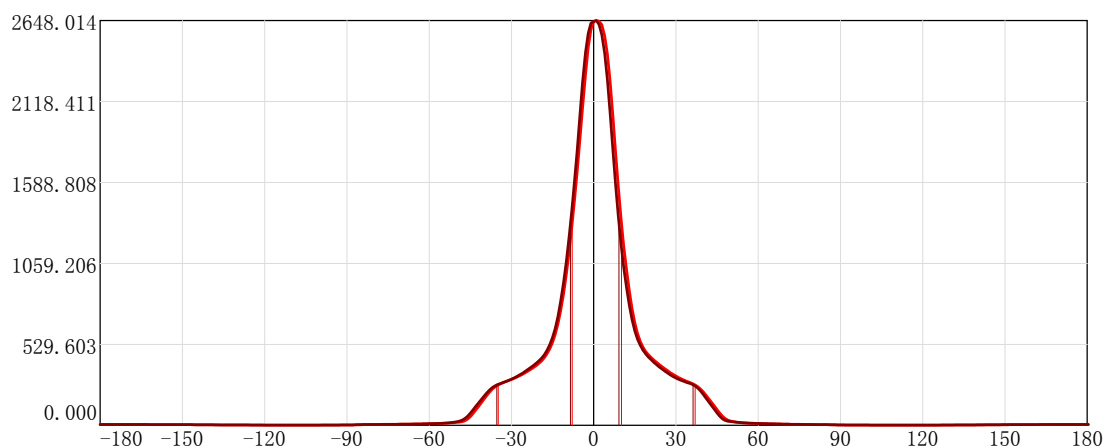
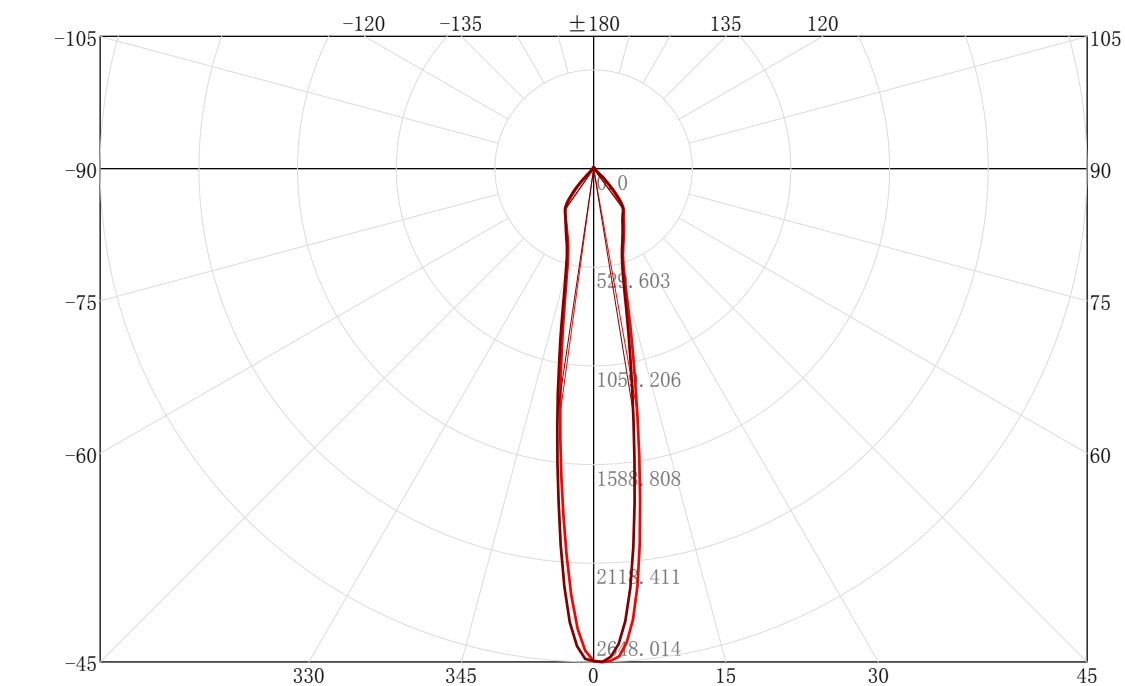
IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 15D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-09-XX-02 3000K 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: 2019/11/20

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
— C90.0_270.0 : 18.0 71.8
— C0.0_180.0 : 17.7 71.6

Unit:cd

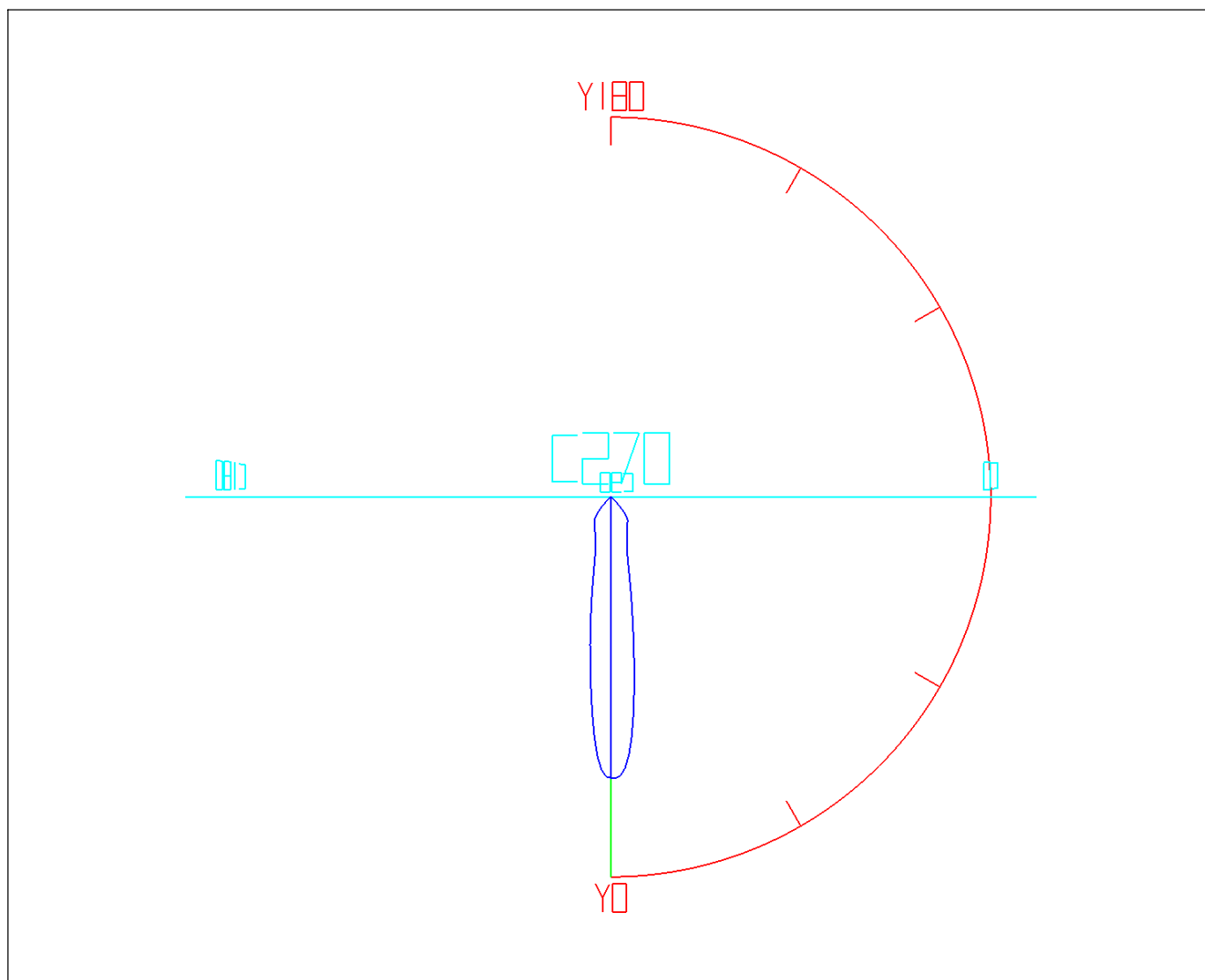
IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 15D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-09-XX-02 3000K 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: 2019/11/20

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	2.52	2.52	0.31	0.31	47.0-48.0	3.17	745.25	0.39	92.38
1.0-2.0	7.47	9.99	0.93	1.24	48.0-49.0	2.54	747.80	0.32	92.69
2.0-3.0	12.08	22.07	1.50	2.74	49.0-50.0	2.18	749.98	0.27	92.96
3.0-4.0	16.08	38.15	1.99	4.73	50.0-51.0	1.95	751.92	0.24	93.21
4.0-5.0	19.24	57.38	2.38	7.11	51.0-52.0	1.78	753.70	0.22	93.43
5.0-6.0	21.45	78.83	2.66	9.77	52.0-53.0	1.64	755.34	0.20	93.63
6.0-7.0	22.71	101.54	2.82	12.59	53.0-54.0	1.53	756.87	0.19	93.82
7.0-8.0	23.16	124.71	2.87	15.46	54.0-55.0	1.43	758.30	0.18	94.00
8.0-9.0	22.98	147.69	2.85	18.31	55.0-56.0	1.36	759.67	0.17	94.17
9.0-10.0	22.36	170.04	2.77	21.08	56.0-57.0	1.30	760.96	0.16	94.33
10.0-11.0	21.46	191.50	2.66	23.74	57.0-58.0	1.24	762.21	0.15	94.48
11.0-12.0	20.42	211.92	2.53	26.27	58.0-59.0	1.20	763.40	0.15	94.63
12.0-13.0	19.33	231.25	2.40	28.67	59.0-60.0	1.15	764.55	0.14	94.77
13.0-14.0	18.32	249.57	2.27	30.94	60.0-61.0	1.12	765.67	0.14	94.91
14.0-15.0	17.48	267.05	2.17	33.10	61.0-62.0	1.08	766.75	0.13	95.04
15.0-16.0	16.86	283.91	2.09	35.19	62.0-63.0	1.05	767.80	0.13	95.17
16.0-17.0	16.46	300.38	2.04	37.23	63.0-64.0	1.01	768.81	0.13	95.30
17.0-18.0	16.26	316.63	2.02	39.25	64.0-65.0	0.98	769.80	0.12	95.42
18.0-19.0	16.20	332.83	2.01	41.26	65.0-66.0	0.96	770.75	0.12	95.54
19.0-20.0	16.24	349.07	2.01	43.27	66.0-67.0	0.93	771.68	0.12	95.66
20.0-21.0	16.34	365.42	2.03	45.30	67.0-68.0	0.90	772.58	0.11	95.77
21.0-22.0	16.47	381.89	2.04	47.34	68.0-69.0	0.88	773.46	0.11	95.88
22.0-23.0	16.59	398.47	2.06	49.39	69.0-70.0	0.86	774.32	0.11	95.98
23.0-24.0	16.69	415.16	2.07	51.46	70.0-71.0	0.83	775.15	0.10	96.09
24.0-25.0	16.76	431.93	2.08	53.54	71.0-72.0	0.81	775.97	0.10	96.19
25.0-26.0	16.82	448.74	2.08	55.62	72.0-73.0	0.79	776.76	0.10	96.28
26.0-27.0	16.86	465.60	2.09	57.71	73.0-74.0	0.77	777.53	0.10	96.38
27.0-28.0	16.88	482.47	2.09	59.81	74.0-75.0	0.75	778.28	0.09	96.47
28.0-29.0	16.90	499.37	2.09	61.90	75.0-76.0	0.73	779.02	0.09	96.56
29.0-30.0	16.94	516.31	2.10	64.00	76.0-77.0	0.71	779.73	0.09	96.65
30.0-31.0	16.97	533.28	2.10	66.10	77.0-78.0	0.69	780.42	0.09	96.74
31.0-32.0	17.01	550.29	2.11	68.21	78.0-79.0	0.67	781.10	0.08	96.82
32.0-33.0	17.06	567.35	2.11	70.33	79.0-80.0	0.66	781.75	0.08	96.90
33.0-34.0	17.10	584.46	2.12	72.45	80.0-81.0	0.64	782.40	0.08	96.98
34.0-35.0	17.11	601.57	2.12	74.57	81.0-82.0	0.63	783.02	0.08	97.06
35.0-36.0	17.03	618.60	2.11	76.68	82.0-83.0	0.61	783.64	0.08	97.14
36.0-37.0	16.78	635.39	2.08	78.76	83.0-84.0	0.59	784.23	0.07	97.21
37.0-38.0	16.29	651.67	2.02	80.78	84.0-85.0	0.57	784.80	0.07	97.28
38.0-39.0	15.50	667.17	1.92	82.70	85.0-86.0	0.53	785.33	0.07	97.35
39.0-40.0	14.44	681.61	1.79	84.49	86.0-87.0	0.48	785.81	0.06	97.41
40.0-41.0	13.16	694.78	1.63	86.12	87.0-88.0	0.43	786.24	0.05	97.46
41.0-42.0	11.74	706.52	1.46	87.58	88.0-89.0	0.38	786.62	0.05	97.51
42.0-43.0	10.22	716.74	1.27	88.84	89.0-90.0	0.35	786.97	0.04	97.55
43.0-44.0	8.64	725.38	1.07	89.92	90.0-91.0	0.33	787.30	0.04	97.59
44.0-45.0	7.04	732.42	0.87	90.79	91.0-92.0	0.32	787.62	0.04	97.63
45.0-46.0	5.50	737.92	0.68	91.47	92.0-93.0	0.31	787.94	0.04	97.67
46.0-47.0	4.16	742.08	0.52	91.99	93.0-94.0	0.30	788.24	0.04	97.71

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	0.30	788.54	0.04	97.74	141.0-142.0	0.27	799.91	0.03	99.16
95.0-96.0	0.29	788.82	0.04	97.78	142.0-143.0	0.27	800.19	0.03	99.19
96.0-97.0	0.28	789.10	0.03	97.82	143.0-144.0	0.27	800.46	0.03	99.22
97.0-98.0	0.27	789.38	0.03	97.85	144.0-145.0	0.27	800.73	0.03	99.26
98.0-99.0	0.27	789.65	0.03	97.88	145.0-146.0	0.28	801.01	0.03	99.29
99.0-100.0	0.26	789.91	0.03	97.91	146.0-147.0	0.27	801.28	0.03	99.32
100.0-101.0	0.26	790.17	0.03	97.95	147.0-148.0	0.27	801.56	0.03	99.36
101.0-102.0	0.25	790.42	0.03	97.98	148.0-149.0	0.27	801.83	0.03	99.39
102.0-103.0	0.25	790.67	0.03	98.01	149.0-150.0	0.27	802.10	0.03	99.43
103.0-104.0	0.24	790.91	0.03	98.04	150.0-151.0	0.27	802.36	0.03	99.46
104.0-105.0	0.24	791.15	0.03	98.07	151.0-152.0	0.26	802.63	0.03	99.49
105.0-106.0	0.24	791.39	0.03	98.10	152.0-153.0	0.26	802.88	0.03	99.52
106.0-107.0	0.24	791.63	0.03	98.13	153.0-154.0	0.25	803.13	0.03	99.55
107.0-108.0	0.23	791.86	0.03	98.16	154.0-155.0	0.25	803.38	0.03	99.58
108.0-109.0	0.23	792.09	0.03	98.19	155.0-156.0	0.24	803.62	0.03	99.61
109.0-110.0	0.23	792.32	0.03	98.21	156.0-157.0	0.23	803.85	0.03	99.64
110.0-111.0	0.23	792.55	0.03	98.24	157.0-158.0	0.23	804.08	0.03	99.67
111.0-112.0	0.23	792.78	0.03	98.27	158.0-159.0	0.22	804.30	0.03	99.70
112.0-113.0	0.23	793.01	0.03	98.30	159.0-160.0	0.21	804.51	0.03	99.73
113.0-114.0	0.23	793.24	0.03	98.33	160.0-161.0	0.20	804.72	0.03	99.75
114.0-115.0	0.23	793.46	0.03	98.36	161.0-162.0	0.20	804.91	0.02	99.77
115.0-116.0	0.23	793.69	0.03	98.38	162.0-163.0	0.19	805.10	0.02	99.80
116.0-117.0	0.22	793.91	0.03	98.41	163.0-164.0	0.18	805.28	0.02	99.82
117.0-118.0	0.22	794.14	0.03	98.44	164.0-165.0	0.17	805.45	0.02	99.84
118.0-119.0	0.22	794.36	0.03	98.47	165.0-166.0	0.16	805.61	0.02	99.86
119.0-120.0	0.22	794.59	0.03	98.49	166.0-167.0	0.15	805.76	0.02	99.88
120.0-121.0	0.23	794.81	0.03	98.52	167.0-168.0	0.14	805.90	0.02	99.90
121.0-122.0	0.23	795.04	0.03	98.55	168.0-169.0	0.13	806.03	0.02	99.91
122.0-123.0	0.23	795.26	0.03	98.58	169.0-170.0	0.12	806.15	0.01	99.93
123.0-124.0	0.23	795.49	0.03	98.61	170.0-171.0	0.11	806.26	0.01	99.94
124.0-125.0	0.23	795.72	0.03	98.63	171.0-172.0	0.10	806.36	0.01	99.95
125.0-126.0	0.23	795.95	0.03	98.66	172.0-173.0	0.09	806.45	0.01	99.96
126.0-127.0	0.23	796.18	0.03	98.69	173.0-174.0	0.08	806.52	0.01	99.97
127.0-128.0	0.23	796.41	0.03	98.72	174.0-175.0	0.06	806.59	0.01	99.98
128.0-129.0	0.23	796.64	0.03	98.75	175.0-176.0	0.05	806.64	0.01	99.99
129.0-130.0	0.24	796.88	0.03	98.78	176.0-177.0	0.04	806.68	0.01	99.99
130.0-131.0	0.24	797.12	0.03	98.81	177.0-178.0	0.03	806.71	0.00	100.00
131.0-132.0	0.24	797.36	0.03	98.84	178.0-179.0	0.02	806.73	0.00	100.00
132.0-133.0	0.24	797.60	0.03	98.87	179.0-180.0	0.01	806.73	0.00	100.00
133.0-134.0	0.24	797.84	0.03	98.90					
134.0-135.0	0.25	798.09	0.03	98.93					
135.0-136.0	0.25	798.34	0.03	98.96					
136.0-137.0	0.25	798.59	0.03	98.99					
137.0-138.0	0.26	798.85	0.03	99.02					
138.0-139.0	0.26	799.11	0.03	99.06					
139.0-140.0	0.26	799.38	0.03	99.09					
140.0-141.0	0.27	799.64	0.03	99.12					

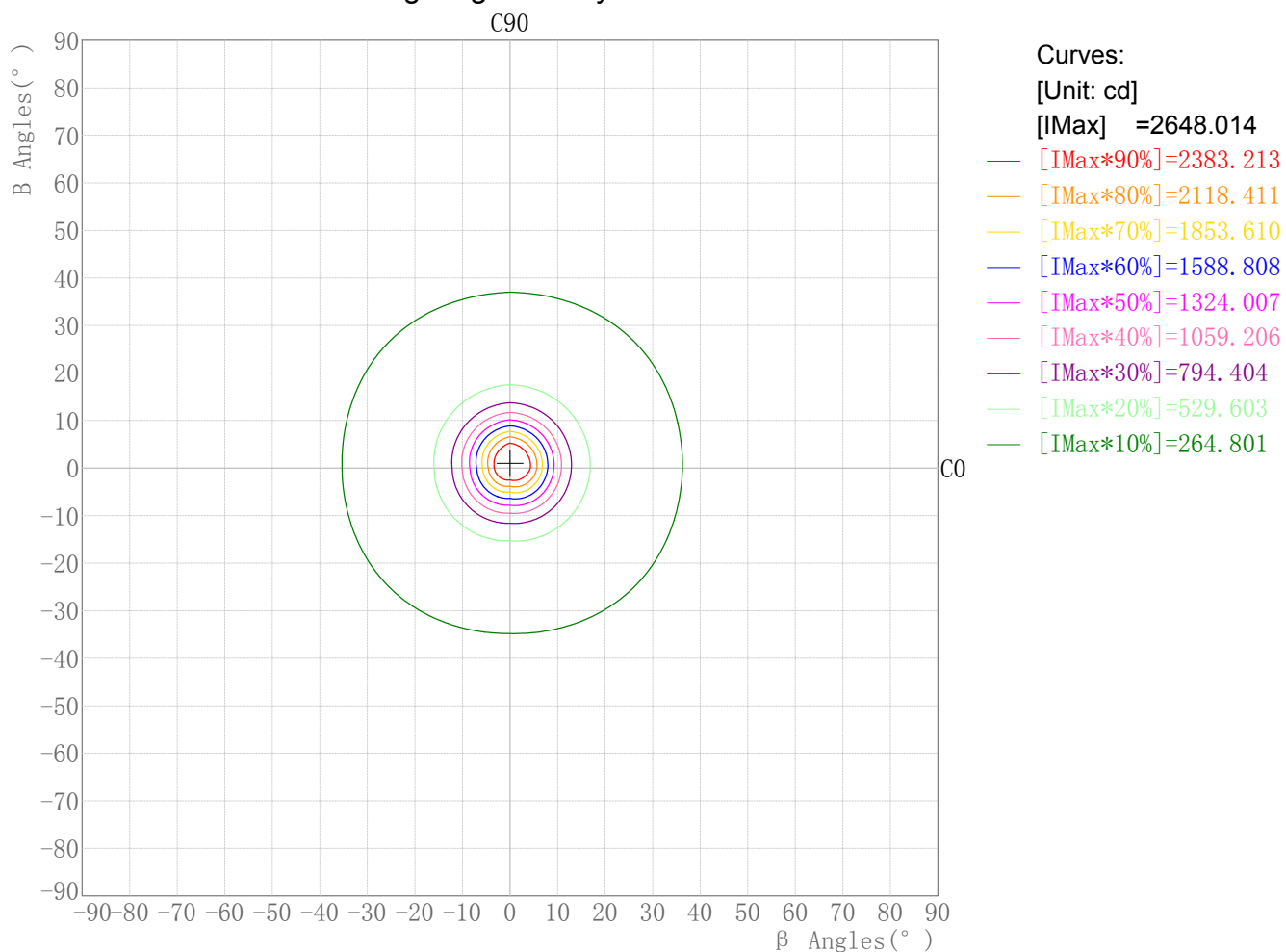
IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 15D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-09-XX-02 3000K 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: 2019/11/20

ISO Lighting Intensity Curve



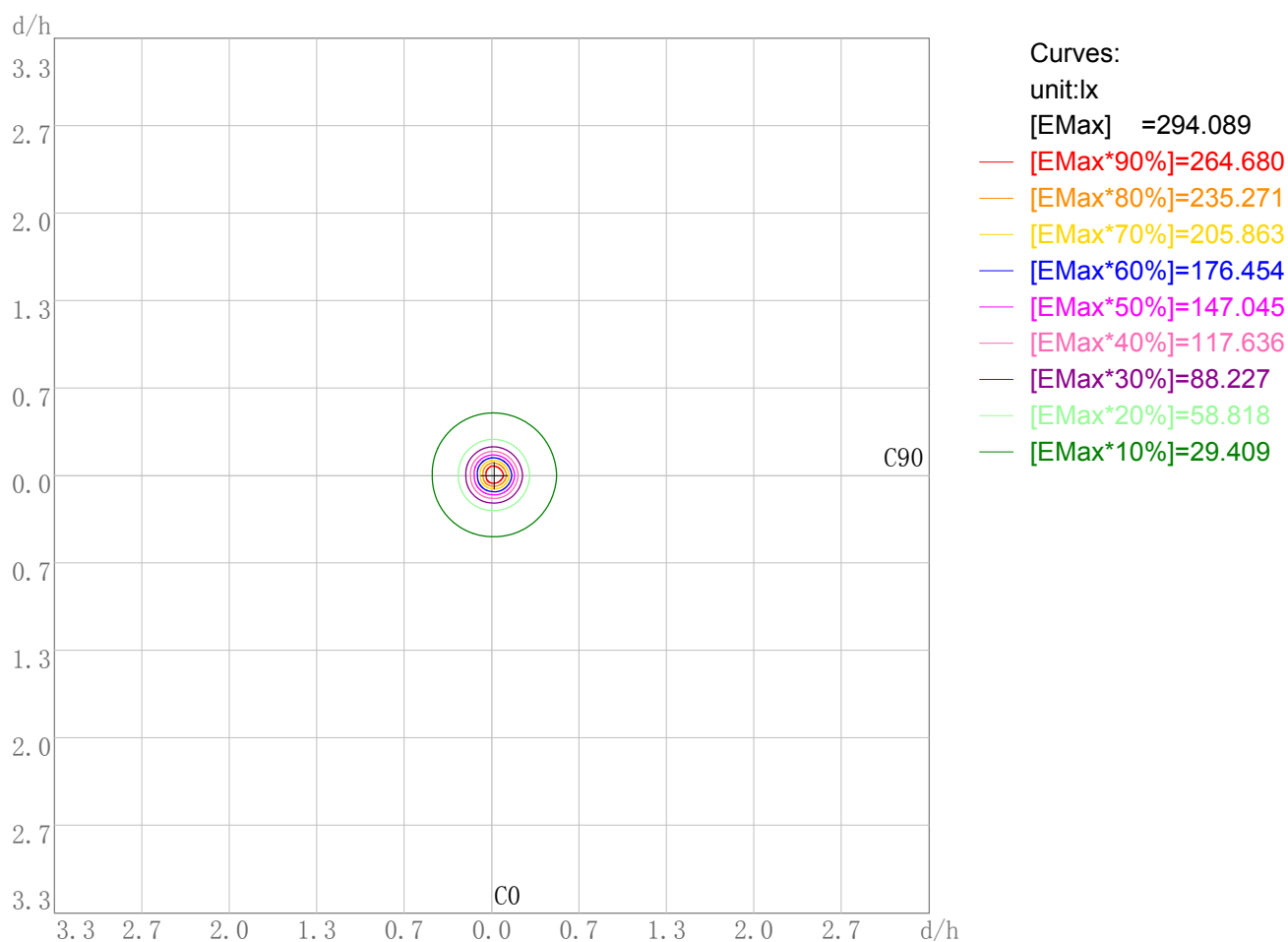
Maximum Light Intensity(cd): 2648.01

Maximum Cand.@Angle: H=0.0°,V=1.0°

Plane ISO-Illuminance Diagram

Lum. Name: MD10-09-XX-02 3000K 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: 2019/11/20

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

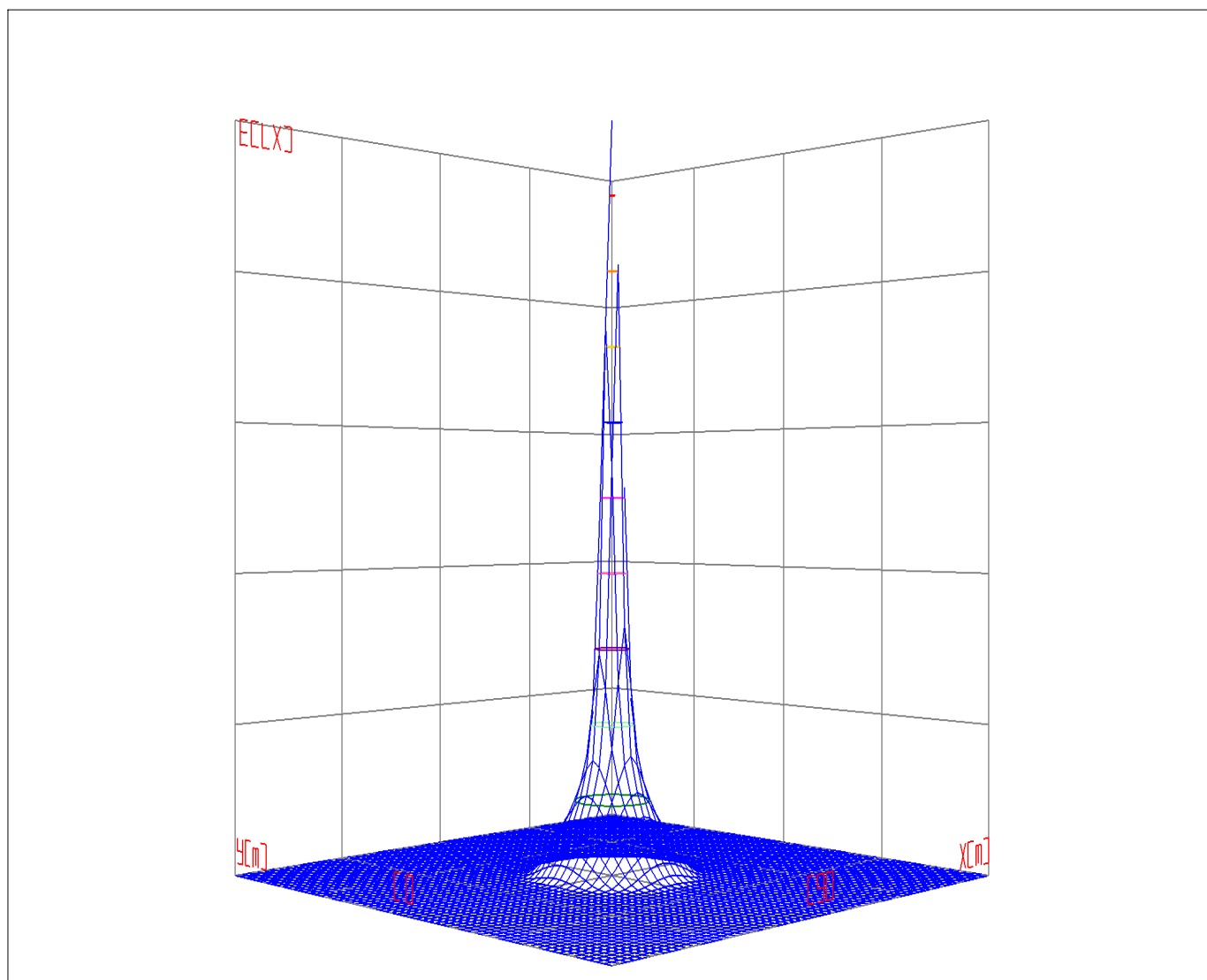
Working Plane Maximum Illuminance(lx): 294.09

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

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-09-XX-02 3000K 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: 2019/11/20

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

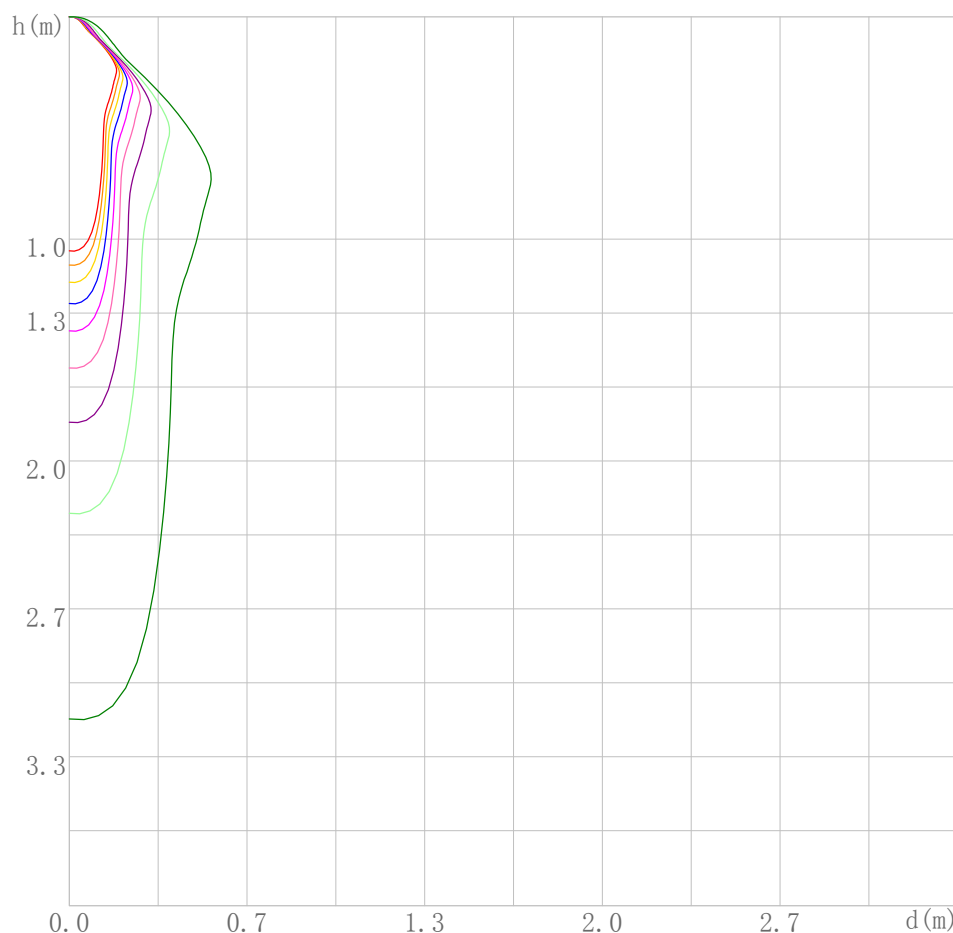
IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 15D.IES

Space ISO Illuminance Diagram

Lum. Name: MD10-09-XX-02 3000K 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: 2019/11/20

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =2646.754

— [EMax*90%]=2382.079

— [EMax*80%]=2117.404

— [EMax*70%]=1852.728

— [EMax*60%]=1588.053

— [EMax*50%]=1323.377

— [EMax*40%]=1058.702

— [EMax*30%]=794.026

— [EMax*20%]=529.351

— [EMax*10%]=264.675

Space Plane Maximum Illuminance and @Angle:2646.75lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:2647.964cd,0deg

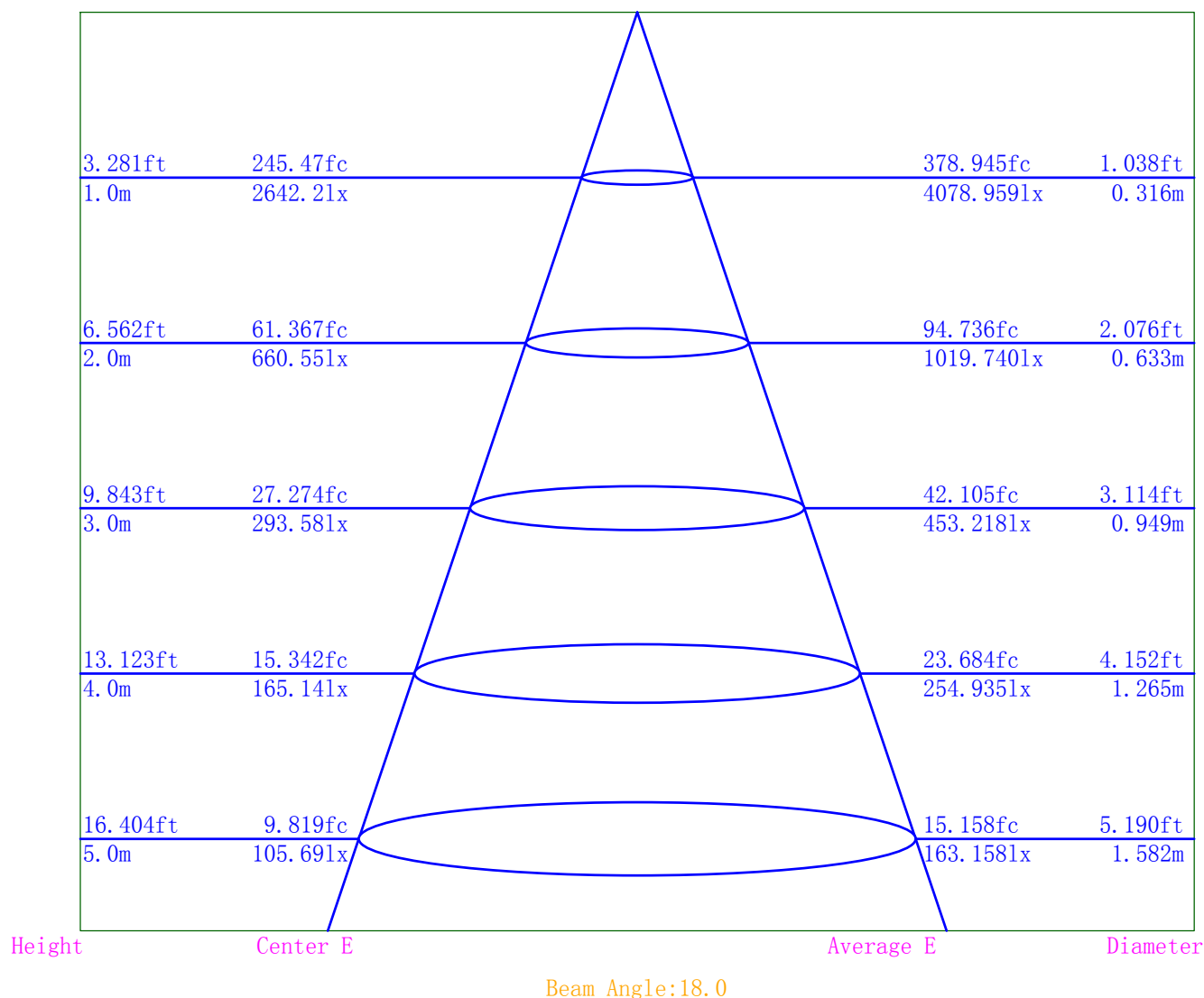
IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 15D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-09-XX-02 3000K 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: 2019/11/20

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 15D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-09-XX-02 3000K 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: 2019/11/20

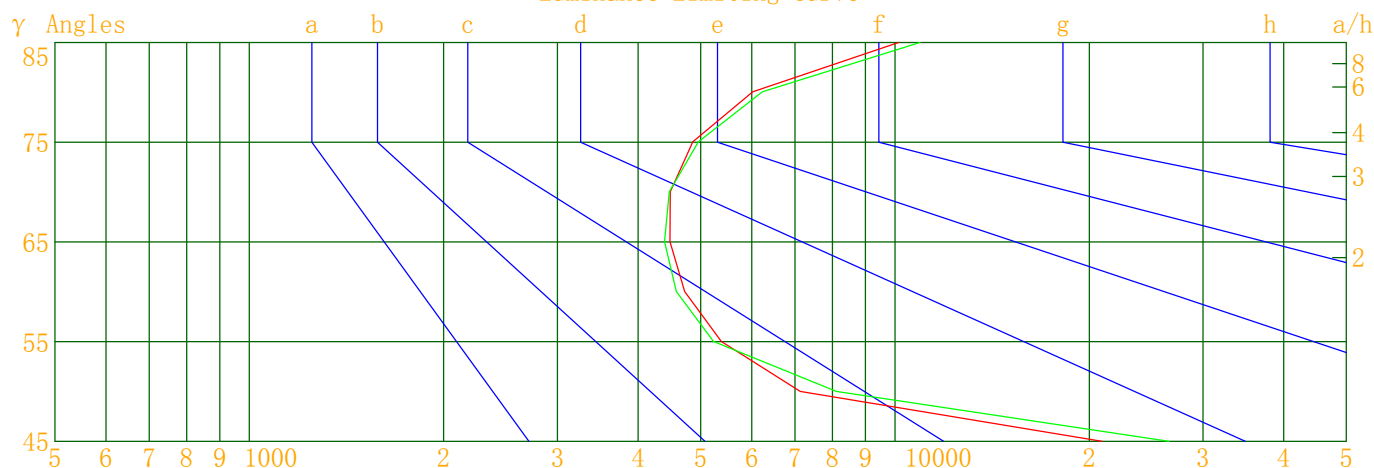
Glare Grade Table

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	20931	7132	5383	4725	4481	4488	4863	6023	10126
C90	26583	8115	5235	4586	4397	4472	4962	6231	10927

Luminance Limiting Curve



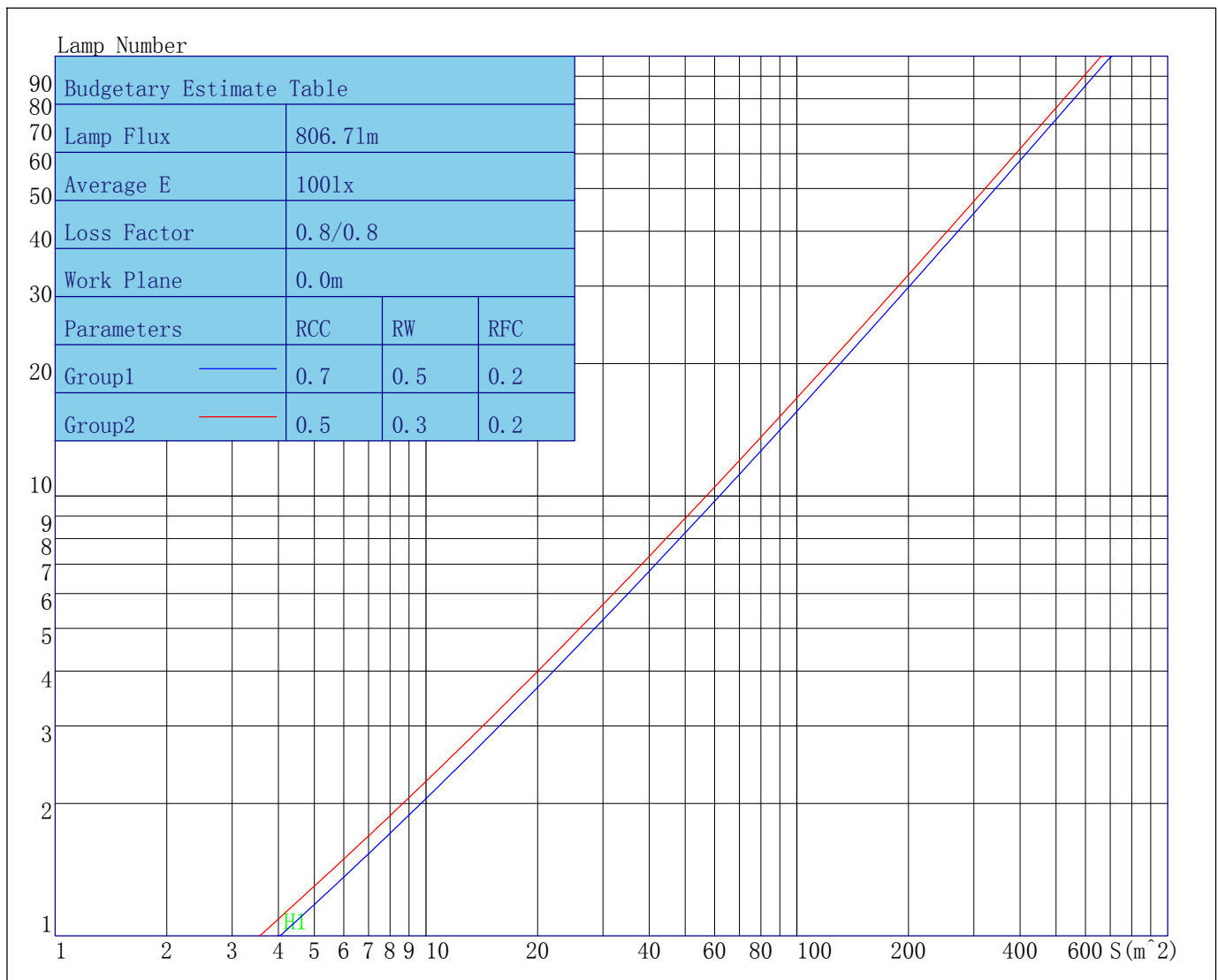
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.060 Area(m²)=0.005500
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 15D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-09-XX-02 3000K 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: 2019/11/20



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: MD10-09-XX-02 3000K RA90 15D	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: 2019/11/20

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	105	105	105	100	100	100	98
1	113	110	107	105	110	107	105	103	103	101	99	99	97	96	95	94	93	91
2	107	102	98	94	104	100	96	93	96	93	90	93	90	88	90	88	86	84
3	101	95	90	86	99	93	89	85	90	86	83	88	84	82	85	82	80	78
4	96	89	83	79	94	87	82	78	85	81	77	83	79	76	81	77	75	73
5	92	83	78	73	90	82	77	73	80	76	72	78	74	71	77	73	70	69
6	87	79	73	68	86	78	72	68	76	71	67	74	70	67	73	69	66	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	69	65	62	61
8	80	70	65	61	78	70	64	60	68	63	60	67	63	60	66	62	59	58
9	76	67	61	57	75	66	61	57	65	60	57	64	60	56	63	59	56	55
10	73	64	58	54	72	63	58	54	62	57	54	61	57	54	61	56	54	52

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.

o 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	2642.20	2642.20	2642.20	2642.20
γ 1.0	2647.96	2648.01	2631.47	2586.53
γ 2.0	2621.29	2642.88	2563.92	2470.99
γ 3.0	2554.57	2620.73	2438.73	2290.82
γ 4.0	2432.77	2547.56	2247.75	2079.28
γ 5.0	2258.76	2427.90	2026.50	1866.00
γ 6.0	2039.76	2249.37	1797.48	1658.26
γ 7.0	1804.17	2027.17	1593.79	1467.06
γ 8.0	1573.98	1787.94	1400.86	1291.27
γ 9.0	1367.04	1563.03	1227.54	1129.99
γ 10.0	1185.39	1353.88	1069.83	984.78
γ 11.0	1030.80	1171.11	934.15	859.18
γ 12.0	897.36	1014.79	813.32	750.54
γ 13.0	783.93	880.28	712.88	663.30
γ 14.0	690.40	764.07	634.77	595.14
γ 15.0	618.29	671.86	575.88	542.22
γ 16.0	564.01	601.79	528.39	500.84
γ 17.0	523.85	550.03	491.58	468.69
γ 18.0	492.70	511.75	463.02	442.45
γ 19.0	467.95	483.71	440.83	422.08
γ 20.0	446.26	462.02	422.15	404.76
γ 21.0	429.04	443.79	406.26	390.31
γ 22.0	411.85	427.32	391.72	377.58
γ 23.0	396.66	412.52	378.77	365.89
γ 24.0	381.35	397.48	365.97	354.63
γ 25.0	368.08	383.67	353.56	343.99
γ 26.0	354.61	370.57	341.37	333.93
γ 27.0	341.93	357.89	330.70	324.90
γ 28.0	329.68	344.86	320.09	316.12
γ 29.0	319.26	334.17	311.37	308.08
γ 30.0	309.33	323.30	302.81	300.82
γ 31.0	301.47	313.22	295.05	293.30
γ 32.0	293.71	304.10	288.06	286.42
γ 33.0	287.40	296.26	281.35	279.29
γ 34.0	280.77	288.86	274.72	272.08
γ 35.0	275.33	281.39	267.74	263.16
γ 36.0	267.58	274.21	258.80	251.62
γ 37.0	257.52	264.92	247.41	236.42
γ 38.0	243.42	253.40	231.61	217.02
γ 39.0	225.23	237.98	212.74	195.16
γ 40.0	202.43	219.29	191.60	171.60
γ 41.0	178.42	197.56	169.61	147.90
γ 42.0	153.49	174.51	147.17	123.96
γ 43.0	129.16	151.11	124.26	100.13
γ 44.0	105.19	127.34	101.60	77.03
γ 45.0	81.40	103.38	80.01	56.59
γ 46.0	59.59	80.79	60.10	40.62

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	42.58	60.66	44.59	29.84
γ 48.0	32.38	45.32	34.23	24.04
γ 49.0	27.64	34.98	27.90	21.35
γ 50.0	25.21	28.69	24.00	19.39
γ 51.0	23.07	24.73	21.25	17.82
γ 52.0	21.17	22.14	19.00	16.56
γ 53.0	19.56	19.93	17.26	15.53
γ 54.0	18.11	17.83	15.73	14.70
γ 55.0	16.98	16.51	14.54	13.94
γ 56.0	16.03	15.50	13.63	13.29
γ 57.0	15.08	14.68	12.70	12.62
γ 58.0	14.37	13.91	12.00	12.08
γ 59.0	13.57	13.26	11.48	11.60
γ 60.0	12.99	12.61	11.00	11.13
γ 61.0	12.46	12.05	10.58	10.65
γ 62.0	11.90	11.58	10.21	10.23
γ 63.0	11.37	11.11	9.85	9.85
γ 64.0	10.88	10.64	9.53	9.49
γ 65.0	10.42	10.22	9.23	9.17
γ 66.0	9.95	9.83	8.96	8.87
γ 67.0	9.56	9.44	8.70	8.60
γ 68.0	9.15	9.08	8.45	8.34
γ 69.0	8.80	8.75	8.25	8.12
γ 70.0	8.44	8.41	8.04	7.90
γ 71.0	8.12	8.10	7.85	7.70
γ 72.0	7.80	7.82	7.68	7.48
γ 73.0	7.50	7.55	7.49	7.28
γ 74.0	7.20	7.30	7.31	7.09
γ 75.0	6.92	7.06	7.16	6.90
γ 76.0	6.65	6.82	6.99	6.71
γ 77.0	6.41	6.57	6.84	6.50
γ 78.0	6.17	6.34	6.67	6.30
γ 79.0	5.97	6.14	6.51	6.12
γ 80.0	5.75	5.95	6.38	5.95
γ 81.0	5.58	5.81	6.25	5.82
γ 82.0	5.43	5.69	6.15	5.61
γ 83.0	5.26	5.62	5.93	5.46
γ 84.0	4.97	5.45	5.79	5.04
γ 85.0	4.85	5.24	5.49	4.62
γ 86.0	4.49	5.12	4.85	4.15
γ 87.0	4.10	4.63	4.11	3.72
γ 88.0	3.77	4.08	3.40	3.52
γ 89.0	3.45	3.46	2.94	3.41
γ 90.0	3.32	2.85	2.84	3.30
γ 91.0	3.24	2.67	2.77	3.21
γ 92.0	3.16	2.60	2.67	3.12
γ 93.0	3.08	2.54	2.60	3.05

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	3.00	2.47	2.53	2.94
γ 95.0	2.93	2.41	2.46	2.87
γ 96.0	2.86	2.36	2.39	2.81
γ 97.0	2.81	2.31	2.33	2.73
γ 98.0	2.75	2.26	2.28	2.68
γ 99.0	2.69	2.21	2.25	2.62
γ 100.0	2.64	2.18	2.21	2.58
γ 101.0	2.60	2.14	2.18	2.54
γ 102.0	2.58	2.11	2.15	2.51
γ 103.0	2.53	2.09	2.13	2.48
γ 104.0	2.50	2.06	2.11	2.45
γ 105.0	2.48	2.05	2.10	2.44
γ 106.0	2.46	2.03	2.09	2.43
γ 107.0	2.45	2.02	2.08	2.41
γ 108.0	2.43	2.02	2.09	2.41
γ 109.0	2.42	2.01	2.08	2.42
γ 110.0	2.41	2.02	2.09	2.41
γ 111.0	2.40	2.02	2.10	2.42
γ 112.0	2.40	2.02	2.12	2.43
γ 113.0	2.40	2.02	2.14	2.44
γ 114.0	2.39	2.03	2.16	2.45
γ 115.0	2.38	2.03	2.18	2.47
γ 116.0	2.39	2.04	2.20	2.50
γ 117.0	2.39	2.05	2.24	2.53
γ 118.0	2.39	2.06	2.26	2.55
γ 119.0	2.41	2.07	2.30	2.58
γ 120.0	2.42	2.09	2.35	2.62
γ 121.0	2.45	2.11	2.39	2.64
γ 122.0	2.47	2.14	2.42	2.68
γ 123.0	2.49	2.17	2.47	2.72
γ 124.0	2.52	2.20	2.53	2.76
γ 125.0	2.56	2.24	2.57	2.81
γ 126.0	2.59	2.29	2.62	2.86
γ 127.0	2.65	2.33	2.68	2.91
γ 128.0	2.69	2.38	2.72	2.97
γ 129.0	2.74	2.43	2.80	3.03
γ 130.0	2.80	2.49	2.87	3.08
γ 131.0	2.88	2.56	2.94	3.16
γ 132.0	2.94	2.64	3.01	3.23
γ 133.0	3.02	2.71	3.10	3.31
γ 134.0	3.10	2.79	3.19	3.40
γ 135.0	3.17	2.87	3.29	3.51
γ 136.0	3.26	2.97	3.39	3.62
γ 137.0	3.37	3.06	3.51	3.74
γ 138.0	3.47	3.16	3.63	3.85
γ 139.0	3.58	3.29	3.76	3.97
γ 140.0	3.70	3.38	3.89	4.09

IES Indoor Report

Photometric Filename:MD10-09-XX-02 3000K RA90 15D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.81	3.51	4.02	4.22
γ 142.0	3.93	3.63	4.15	4.34
γ 143.0	4.06	3.76	4.28	4.46
γ 144.0	4.18	3.90	4.40	4.57
γ 145.0	4.29	4.00	4.52	4.68
γ 146.0	4.41	4.13	4.63	4.77
γ 147.0	4.52	4.24	4.74	4.87
γ 148.0	4.64	4.37	4.83	4.95
γ 149.0	4.73	4.47	4.91	5.04
γ 150.0	4.83	4.57	4.99	5.10
γ 151.0	4.93	4.67	5.08	5.17
γ 152.0	5.01	4.75	5.14	5.22
γ 153.0	5.09	4.84	5.22	5.28
γ 154.0	5.17	4.92	5.28	5.34
γ 155.0	5.24	4.99	5.35	5.39
γ 156.0	5.31	5.07	5.41	5.45
γ 157.0	5.39	5.13	5.48	5.51
γ 158.0	5.46	5.19	5.54	5.57
γ 159.0	5.53	5.23	5.60	5.63
γ 160.0	5.59	5.31	5.65	5.66
γ 161.0	5.65	5.37	5.70	5.72
γ 162.0	5.71	5.44	5.75	5.75
γ 163.0	5.77	5.49	5.81	5.80
γ 164.0	5.83	5.56	5.85	5.84
γ 165.0	5.88	5.62	5.91	5.89
γ 166.0	5.94	5.68	5.95	5.92
γ 167.0	5.99	5.74	6.00	5.96
γ 168.0	6.03	5.80	6.03	5.97
γ 169.0	6.06	5.86	6.07	6.00
γ 170.0	6.11	5.90	6.09	6.00
γ 171.0	6.13	5.95	6.12	6.03
γ 172.0	6.15	5.98	6.13	6.03
γ 173.0	6.16	6.00	6.14	6.03
γ 174.0	6.17	6.02	6.15	6.02
γ 175.0	6.18	6.05	6.14	6.03
γ 176.0	6.18	6.04	6.14	6.04
γ 177.0	6.18	6.04	6.15	6.06
γ 178.0	6.18	6.05	6.16	6.08
γ 179.0	6.18	6.05	6.17	6.11
γ 180.0	6.14	6.14	6.14	6.14