

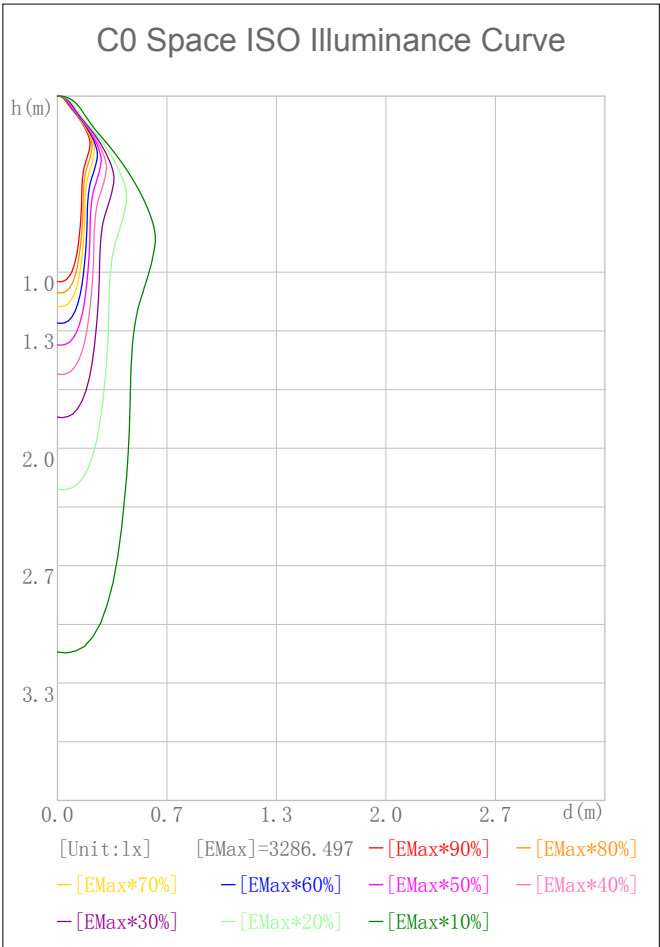
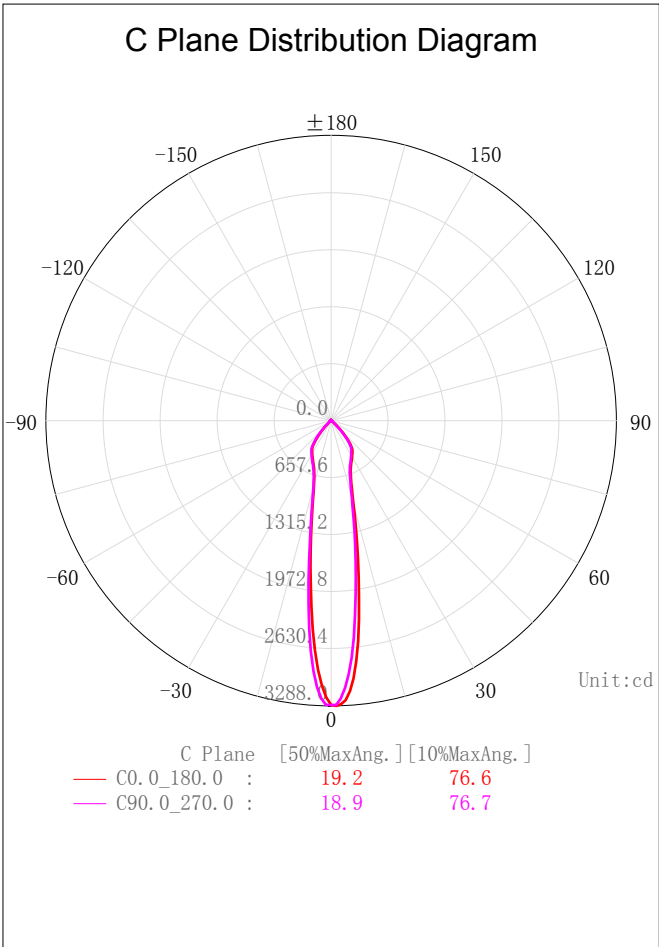
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-XX-02 3000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/12/23
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*0.750m	Lum. Area (m2): 0.040	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): 1140.940	Luminary Flux(lm): 1140.936	Field Angle(10%Imax): 76.6(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1112.452lm 97.50%
Rated Voltage(V):	Luminary EER(lm/W): 91.275	Up Lumens&Percent: 28.483lm 2.50%
Tested Power(W): 12.500	Max. Candela(cd): 3287.999	S/MH: C0_a180=0.328 C90_270=0.322
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf): 240.3, 0.054	Beam Angle(50%Imax): 19.2(°)	ErP Φ use(90°): 1016.517lm
Lamp Size(W*L*H): 0.050m*0.050m*0.750m	Left=-8.3°, Right=10.9°	IRF(%): 609.791



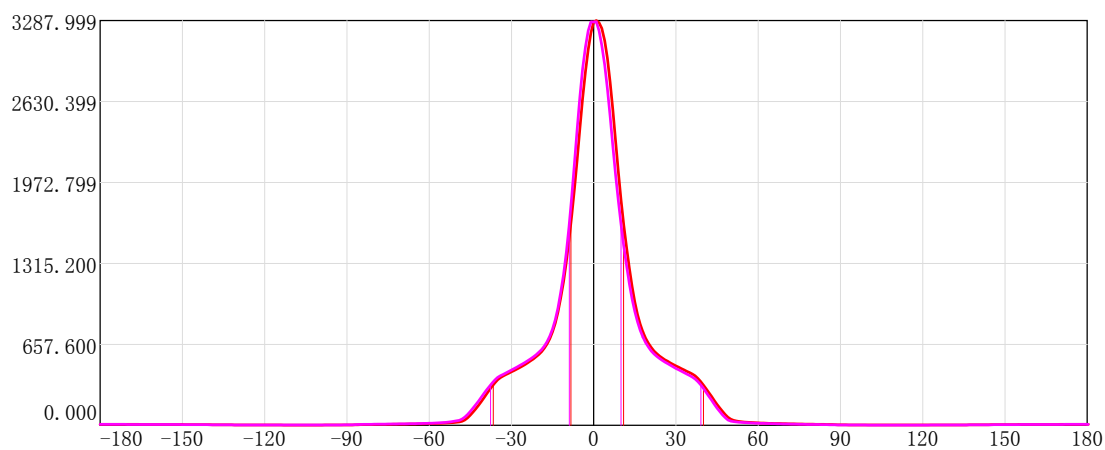
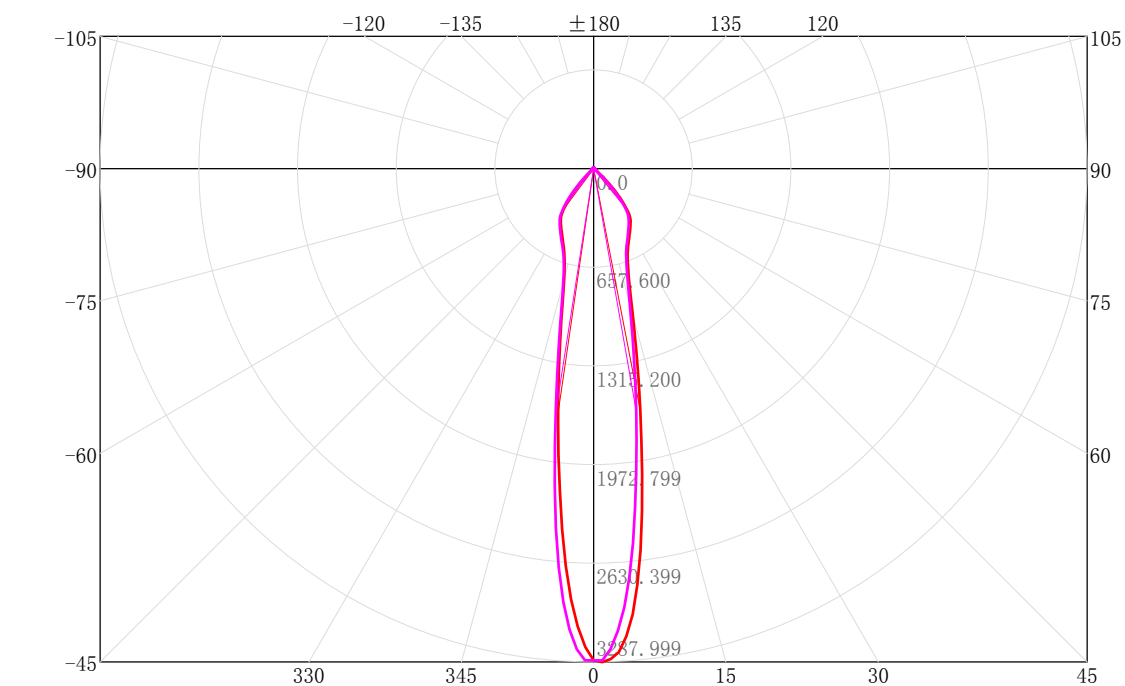
IES Indoor Report

Photometric Filename:MD10-13-XX-02 3000K RA90 15D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-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: 2019/12/23

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
— C0.0_180.0 : 19.2 76.6
— C90.0_270.0 : 18.9 76.7

Unit:cd

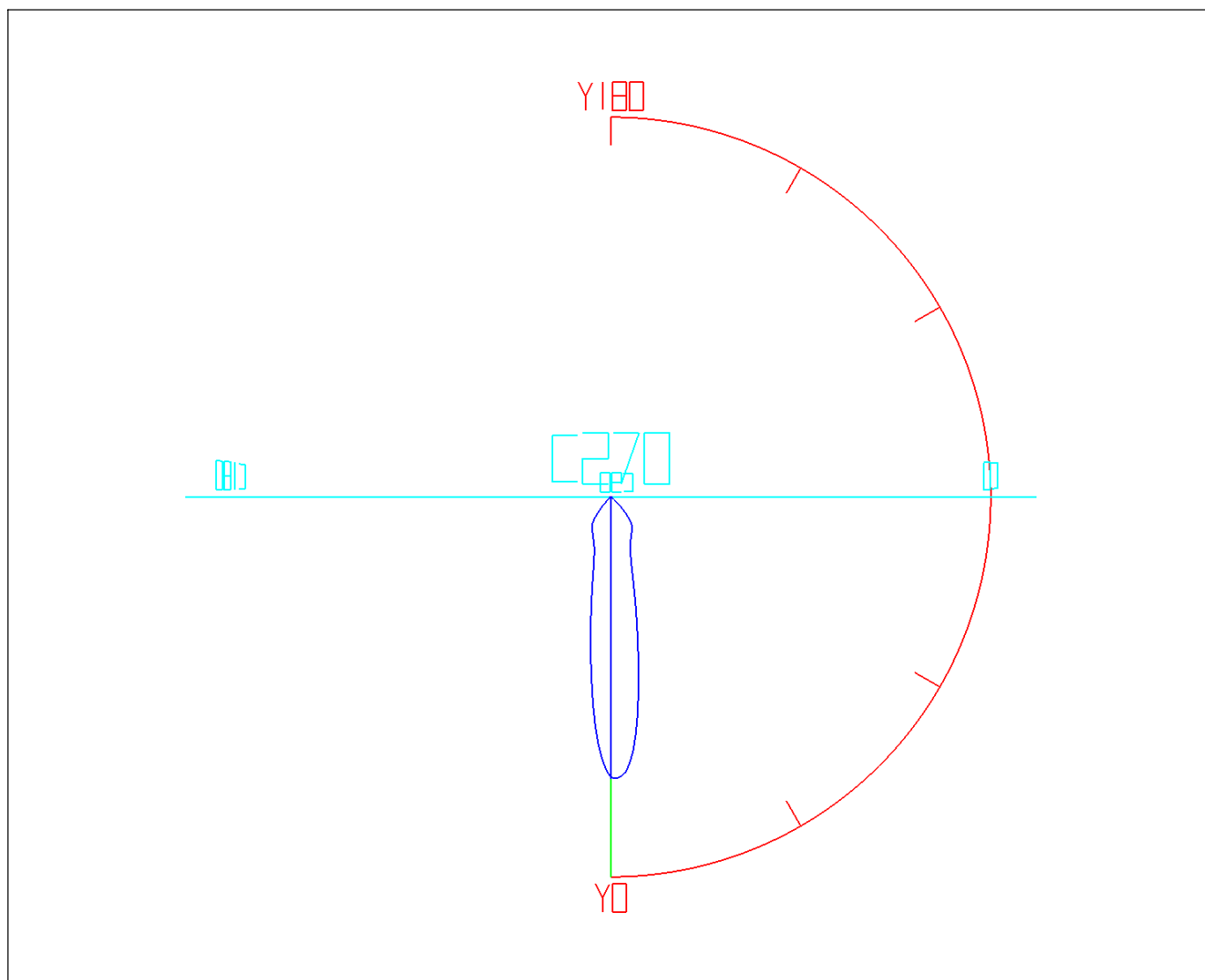
IES Indoor Report

Photometric Filename:MD10-13-XX-02 3000K RA90 15D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-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: 2019/12/23

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

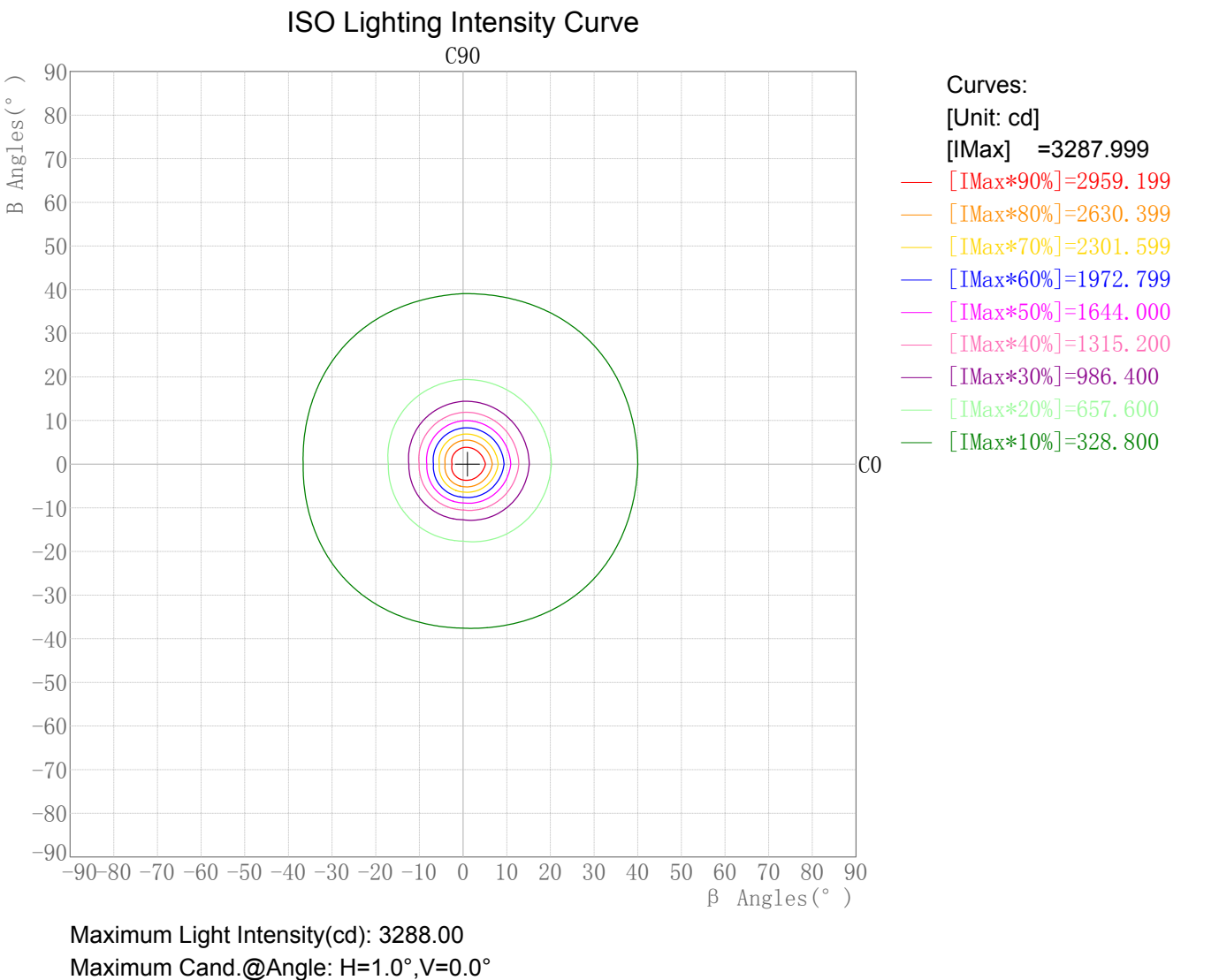
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	3.13	3.13	0.27	0.27	47.0-48.0	5.55	1049.68	0.49	92.00
1.0-2.0	9.24	12.37	0.81	1.08	48.0-49.0	4.30	1053.98	0.38	92.38
2.0-3.0	14.94	27.31	1.31	2.39	49.0-50.0	3.45	1057.43	0.30	92.68
3.0-4.0	19.97	47.28	1.75	4.14	50.0-51.0	2.96	1060.39	0.26	92.94
4.0-5.0	24.09	71.37	2.11	6.26	51.0-52.0	2.66	1063.05	0.23	93.17
5.0-6.0	27.14	98.51	2.38	8.63	52.0-53.0	2.45	1065.50	0.21	93.39
6.0-7.0	29.08	127.59	2.55	11.18	53.0-54.0	2.28	1067.78	0.20	93.59
7.0-8.0	30.03	157.62	2.63	13.81	54.0-55.0	2.14	1069.92	0.19	93.78
8.0-9.0	30.22	187.84	2.65	16.46	55.0-56.0	2.02	1071.94	0.18	93.95
9.0-10.0	29.86	217.70	2.62	19.08	56.0-57.0	1.93	1073.87	0.17	94.12
10.0-11.0	29.15	246.85	2.55	21.64	57.0-58.0	1.85	1075.72	0.16	94.28
11.0-12.0	28.22	275.06	2.47	24.11	58.0-59.0	1.78	1077.50	0.16	94.44
12.0-13.0	27.15	302.21	2.38	26.49	59.0-60.0	1.71	1079.21	0.15	94.59
13.0-14.0	26.06	328.27	2.28	28.77	60.0-61.0	1.66	1080.87	0.15	94.73
14.0-15.0	25.11	353.38	2.20	30.97	61.0-62.0	1.60	1082.47	0.14	94.88
15.0-16.0	24.34	377.72	2.13	33.11	62.0-63.0	1.56	1084.03	0.14	95.01
16.0-17.0	23.78	401.49	2.08	35.19	63.0-64.0	1.51	1085.53	0.13	95.14
17.0-18.0	23.42	424.92	2.05	37.24	64.0-65.0	1.47	1087.00	0.13	95.27
18.0-19.0	23.24	448.15	2.04	39.28	65.0-66.0	1.43	1088.43	0.12	95.40
19.0-20.0	23.18	471.33	2.03	41.31	66.0-67.0	1.39	1089.81	0.12	95.52
20.0-21.0	23.22	494.55	2.04	43.35	67.0-68.0	1.35	1091.17	0.12	95.64
21.0-22.0	23.36	517.91	2.05	45.39	68.0-69.0	1.32	1092.48	0.12	95.75
22.0-23.0	23.56	541.47	2.06	47.46	69.0-70.0	1.28	1093.77	0.11	95.87
23.0-24.0	23.80	565.27	2.09	49.54	70.0-71.0	1.25	1095.02	0.11	95.97
24.0-25.0	24.05	589.32	2.11	51.65	71.0-72.0	1.22	1096.24	0.11	96.08
25.0-26.0	24.29	613.61	2.13	53.78	72.0-73.0	1.19	1097.42	0.10	96.19
26.0-27.0	24.50	638.11	2.15	55.93	73.0-74.0	1.15	1098.58	0.10	96.29
27.0-28.0	24.71	662.82	2.17	58.09	74.0-75.0	1.12	1099.70	0.10	96.39
28.0-29.0	24.89	687.72	2.18	60.28	75.0-76.0	1.09	1100.79	0.10	96.48
29.0-30.0	25.05	712.76	2.20	62.47	76.0-77.0	1.06	1101.85	0.09	96.57
30.0-31.0	25.17	737.94	2.21	64.68	77.0-78.0	1.03	1102.88	0.09	96.66
31.0-32.0	25.27	763.20	2.21	66.89	78.0-79.0	1.01	1103.89	0.09	96.75
32.0-33.0	25.32	788.52	2.22	69.11	79.0-80.0	0.98	1104.87	0.09	96.84
33.0-34.0	25.32	813.84	2.22	71.33	80.0-81.0	0.96	1105.83	0.08	96.92
34.0-35.0	25.19	839.04	2.21	73.54	81.0-82.0	0.94	1106.76	0.08	97.00
35.0-36.0	24.84	863.88	2.18	75.72	82.0-83.0	0.90	1107.67	0.08	97.08
36.0-37.0	24.20	888.08	2.12	77.84	83.0-84.0	0.86	1108.53	0.08	97.16
37.0-38.0	23.25	911.33	2.04	79.88	84.0-85.0	0.82	1109.35	0.07	97.23
38.0-39.0	22.00	933.34	1.93	81.80	85.0-86.0	0.76	1110.11	0.07	97.30
39.0-40.0	20.50	953.84	1.80	83.60	86.0-87.0	0.69	1110.80	0.06	97.36
40.0-41.0	18.78	972.62	1.65	85.25	87.0-88.0	0.61	1111.41	0.05	97.41
41.0-42.0	16.89	989.51	1.48	86.73	88.0-89.0	0.54	1111.95	0.05	97.46
42.0-43.0	14.89	1004.40	1.31	88.03	89.0-90.0	0.50	1112.45	0.04	97.50
43.0-44.0	12.86	1017.25	1.13	89.16	90.0-91.0	0.48	1112.93	0.04	97.55
44.0-45.0	10.85	1028.10	0.95	90.11	91.0-92.0	0.47	1113.40	0.04	97.59
45.0-46.0	8.92	1037.02	0.78	90.89	92.0-93.0	0.45	1113.85	0.04	97.63
46.0-47.0	7.12	1044.14	0.62	91.52	93.0-94.0	0.44	1114.29	0.04	97.66

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	0.43	1114.72	0.04	97.70	141.0-142.0	0.39	1131.33	0.03	99.16
95.0-96.0	0.42	1115.14	0.04	97.74	142.0-143.0	0.39	1131.72	0.03	99.19
96.0-97.0	0.41	1115.54	0.04	97.77	143.0-144.0	0.39	1132.11	0.03	99.23
97.0-98.0	0.40	1115.94	0.03	97.81	144.0-145.0	0.39	1132.50	0.03	99.26
98.0-99.0	0.39	1116.33	0.03	97.84	145.0-146.0	0.39	1132.89	0.03	99.29
99.0-100.0	0.38	1116.71	0.03	97.88	146.0-147.0	0.39	1133.28	0.03	99.33
100.0-101.0	0.37	1117.09	0.03	97.91	147.0-148.0	0.39	1133.66	0.03	99.36
101.0-102.0	0.37	1117.46	0.03	97.94	148.0-149.0	0.38	1134.05	0.03	99.40
102.0-103.0	0.36	1117.82	0.03	97.97	149.0-150.0	0.38	1134.42	0.03	99.43
103.0-104.0	0.36	1118.17	0.03	98.00	150.0-151.0	0.37	1134.80	0.03	99.46
104.0-105.0	0.35	1118.53	0.03	98.04	151.0-152.0	0.37	1135.16	0.03	99.49
105.0-106.0	0.35	1118.88	0.03	98.07	152.0-153.0	0.36	1135.52	0.03	99.53
106.0-107.0	0.35	1119.22	0.03	98.10	153.0-154.0	0.35	1135.88	0.03	99.56
107.0-108.0	0.34	1119.56	0.03	98.13	154.0-155.0	0.35	1136.22	0.03	99.59
108.0-109.0	0.34	1119.90	0.03	98.16	155.0-156.0	0.34	1136.56	0.03	99.62
109.0-110.0	0.34	1120.24	0.03	98.19	156.0-157.0	0.33	1136.89	0.03	99.64
110.0-111.0	0.34	1120.58	0.03	98.22	157.0-158.0	0.32	1137.21	0.03	99.67
111.0-112.0	0.34	1120.91	0.03	98.24	158.0-159.0	0.31	1137.51	0.03	99.70
112.0-113.0	0.33	1121.25	0.03	98.27	159.0-160.0	0.30	1137.81	0.03	99.73
113.0-114.0	0.33	1121.58	0.03	98.30	160.0-161.0	0.29	1138.10	0.03	99.75
114.0-115.0	0.33	1121.91	0.03	98.33	161.0-162.0	0.28	1138.37	0.02	99.78
115.0-116.0	0.33	1122.24	0.03	98.36	162.0-163.0	0.26	1138.64	0.02	99.80
116.0-117.0	0.33	1122.57	0.03	98.39	163.0-164.0	0.25	1138.89	0.02	99.82
117.0-118.0	0.33	1122.90	0.03	98.42	164.0-165.0	0.24	1139.13	0.02	99.84
118.0-119.0	0.33	1123.23	0.03	98.45	165.0-166.0	0.23	1139.35	0.02	99.86
119.0-120.0	0.33	1123.56	0.03	98.48	166.0-167.0	0.21	1139.57	0.02	99.88
120.0-121.0	0.33	1123.90	0.03	98.51	167.0-168.0	0.20	1139.76	0.02	99.90
121.0-122.0	0.33	1124.23	0.03	98.54	168.0-169.0	0.18	1139.95	0.02	99.91
122.0-123.0	0.33	1124.56	0.03	98.56	169.0-170.0	0.17	1140.12	0.01	99.93
123.0-124.0	0.33	1124.89	0.03	98.59	170.0-171.0	0.15	1140.27	0.01	99.94
124.0-125.0	0.33	1125.23	0.03	98.62	171.0-172.0	0.14	1140.41	0.01	99.95
125.0-126.0	0.34	1125.56	0.03	98.65	172.0-173.0	0.12	1140.53	0.01	99.96
126.0-127.0	0.34	1125.90	0.03	98.68	173.0-174.0	0.11	1140.64	0.01	99.97
127.0-128.0	0.34	1126.24	0.03	98.71	174.0-175.0	0.09	1140.73	0.01	99.98
128.0-129.0	0.34	1126.58	0.03	98.74	175.0-176.0	0.07	1140.80	0.01	99.99
129.0-130.0	0.34	1126.92	0.03	98.77	176.0-177.0	0.06	1140.86	0.01	99.99
130.0-131.0	0.35	1127.27	0.03	98.80	177.0-178.0	0.04	1140.90	0.00	100.00
131.0-132.0	0.35	1127.62	0.03	98.83	178.0-179.0	0.02	1140.93	0.00	100.00
132.0-133.0	0.35	1127.98	0.03	98.86	179.0-180.0	0.01	1140.94	0.00	100.00
133.0-134.0	0.36	1128.33	0.03	98.90					
134.0-135.0	0.36	1128.69	0.03	98.93					
135.0-136.0	0.36	1129.06	0.03	98.96					
136.0-137.0	0.37	1129.43	0.03	98.99					
137.0-138.0	0.37	1129.80	0.03	99.02					
138.0-139.0	0.38	1130.18	0.03	99.06					
139.0-140.0	0.38	1130.56	0.03	99.09					
140.0-141.0	0.38	1130.94	0.03	99.12					

Rectangle ISO Lighting Intensity Diagram

Lum. Name:MD10-13-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:2019/12/23



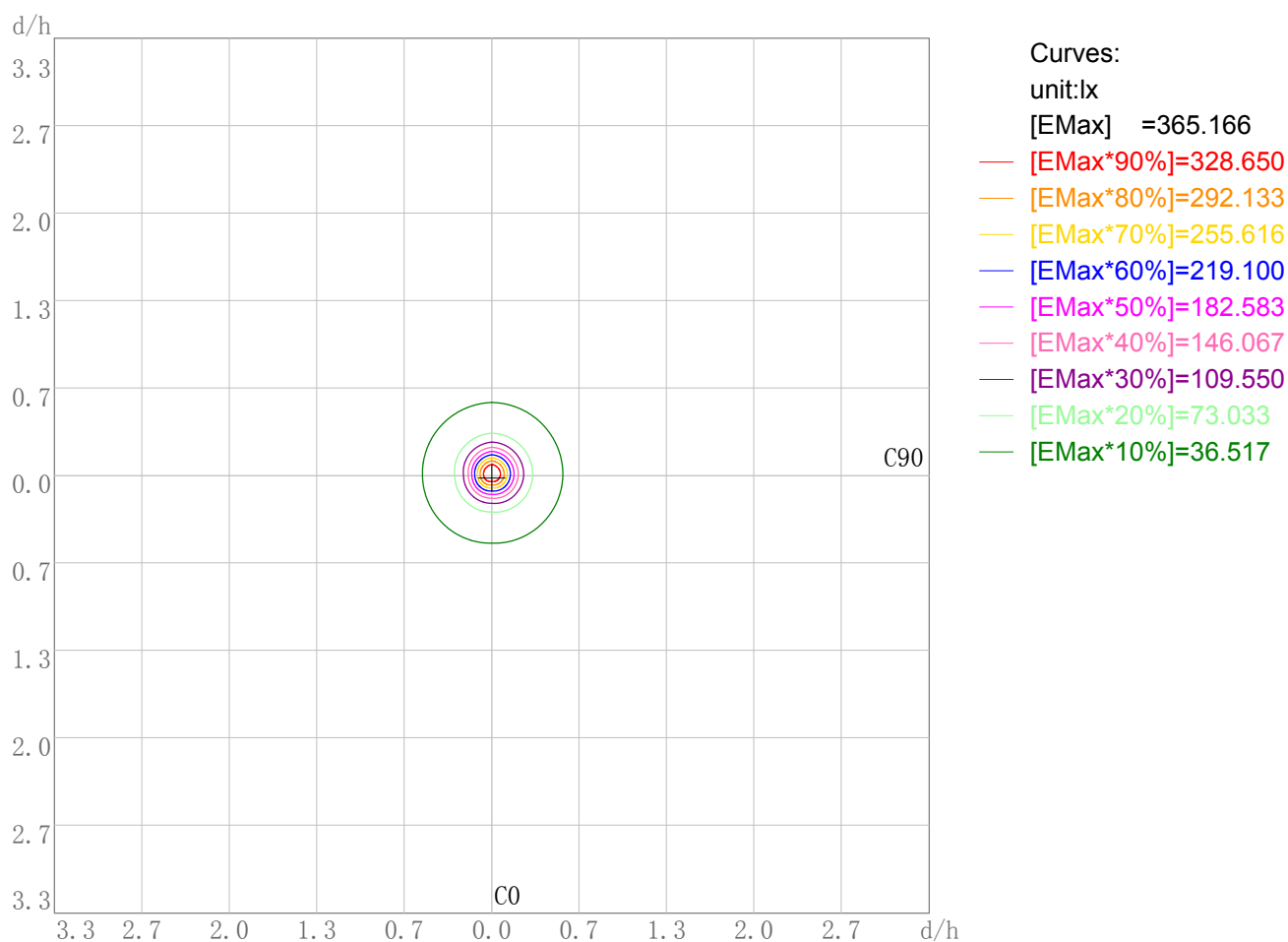
IES Indoor Report

Photometric Filename:MD10-13-XX-02 3000K RA90 15D.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-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: 2019/12/23

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

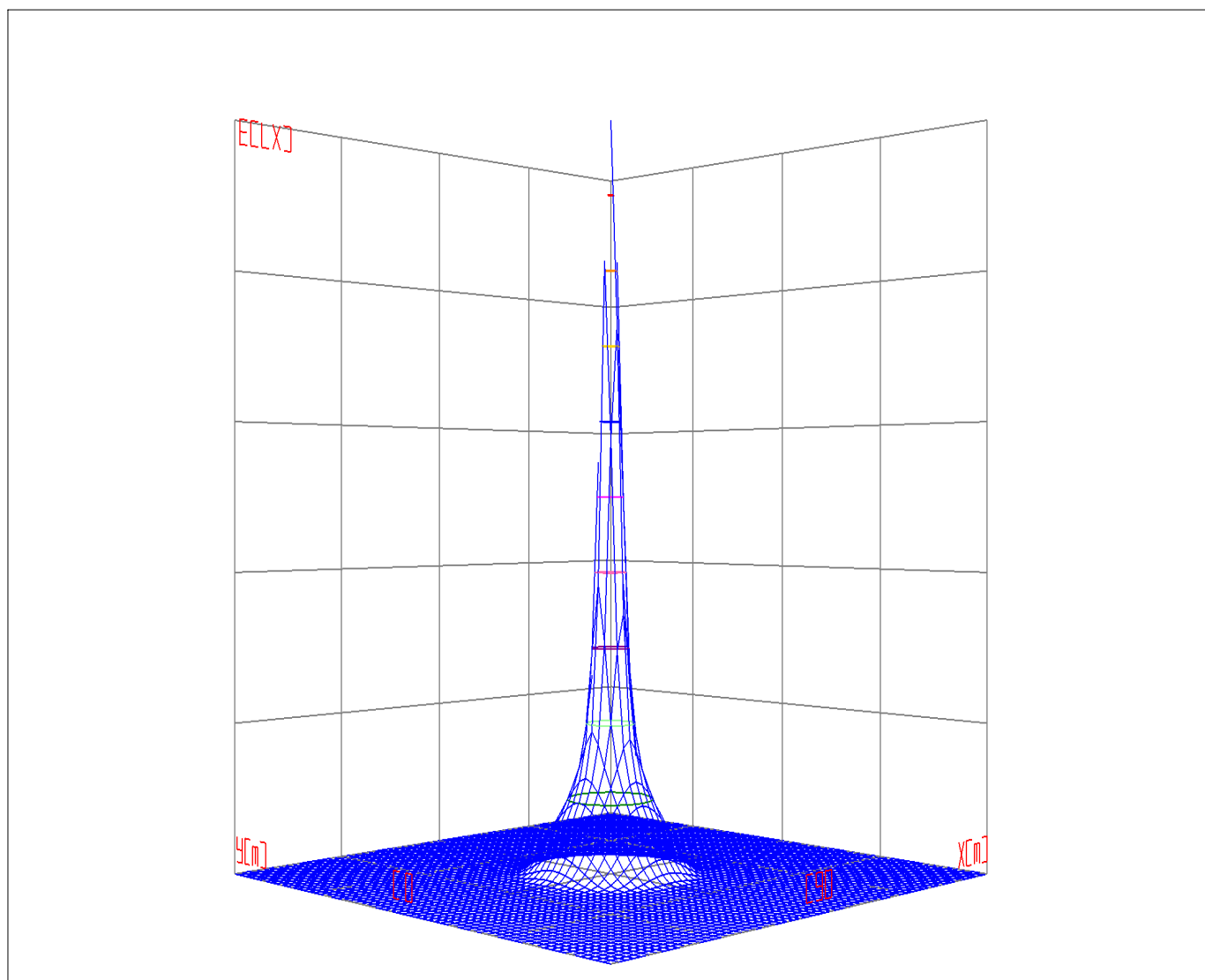
Working Plane Maximum Illuminance(lx): 365.17

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

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-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: 2019/12/23

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

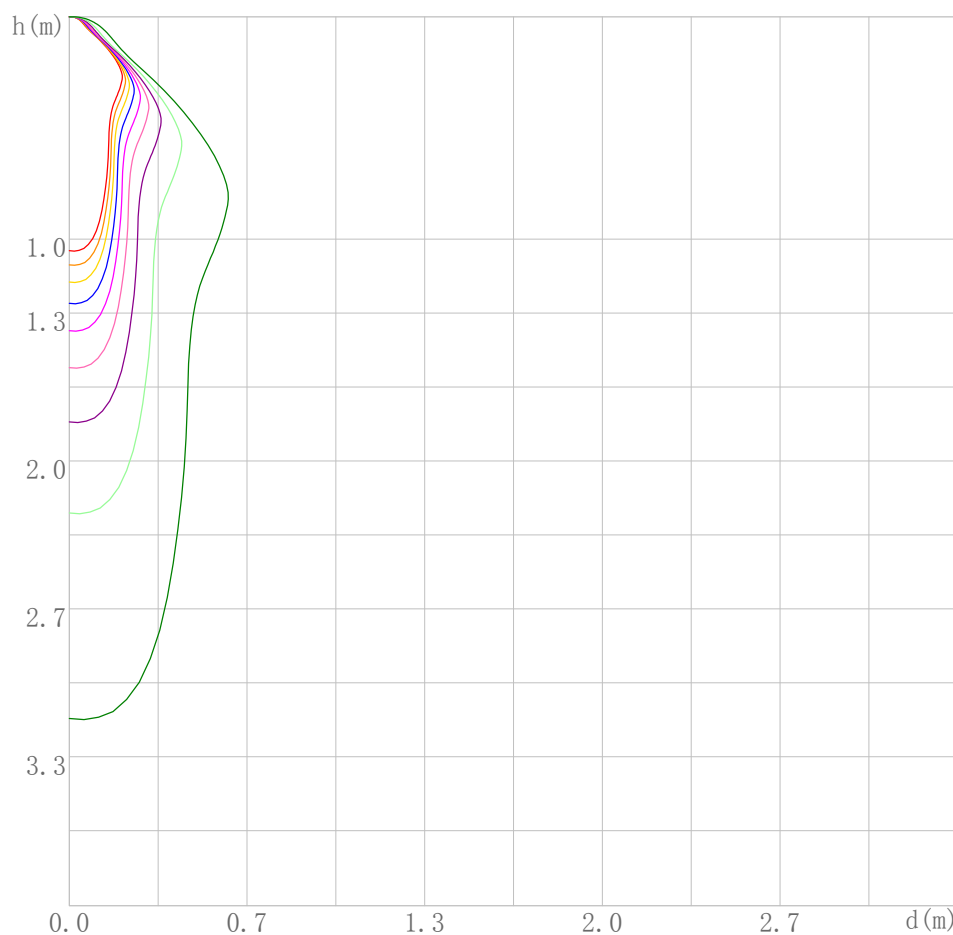
IES Indoor Report

Photometric Filename:MD10-13-XX-02 3000K RA90 15D.IES

Space ISO Illuminance Diagram

Lum. Name: MD10-13-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: 2019/12/23

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =3286.497

— [EMax*90%]=2957.847

— [EMax*80%]=2629.198

— [EMax*70%]=2300.548

— [EMax*60%]=1971.898

— [EMax*50%]=1643.248

— [EMax*40%]=1314.599

— [EMax*30%]=985.949

— [EMax*20%]=657.299

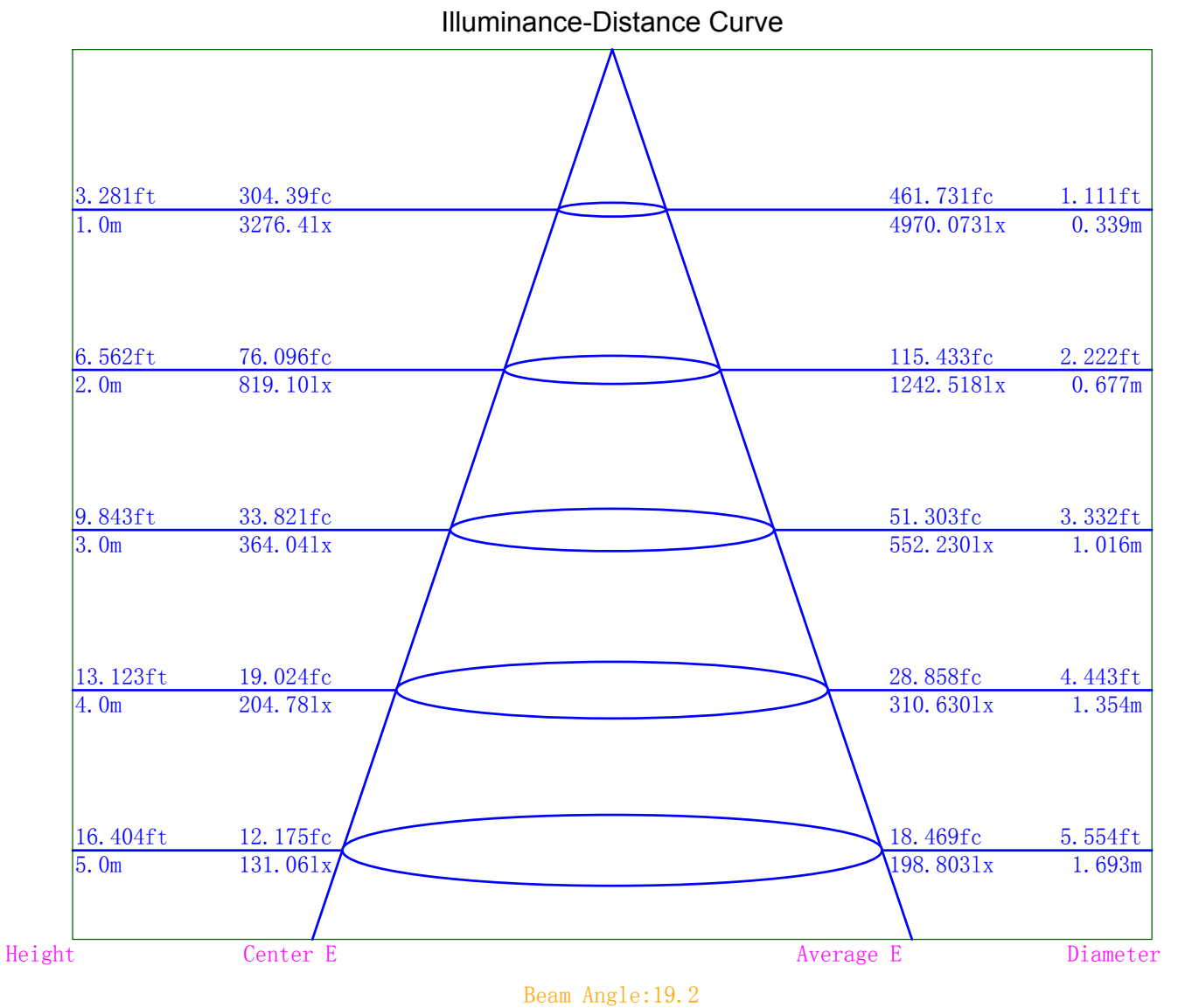
— [EMax*10%]=328.650

Space Plane Maximum Illuminance and @Angle:3286.50lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:3287.999cd,0deg

Illuminance-Distance Diagram

Lum. Name:MD10-13-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:2019/12/23



IES Indoor Report

Photometric Filename:MD10-13-XX-02 3000K RA90 15D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-XX-02 3000K RA90 15D	Lum. Catalog: LED	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/23

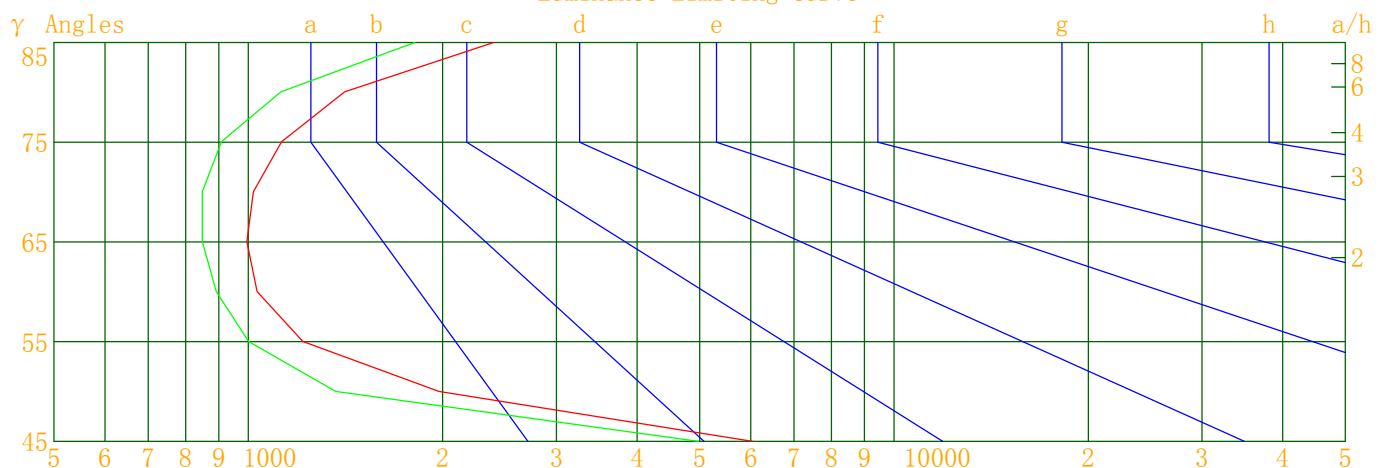
Glare Grade Table

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	6037	1974	1215	1032	995	1018	1126	1410	2398
C90	4979	1365	1001	892	849	849	909	1124	1810

Luminance Limiting Curve



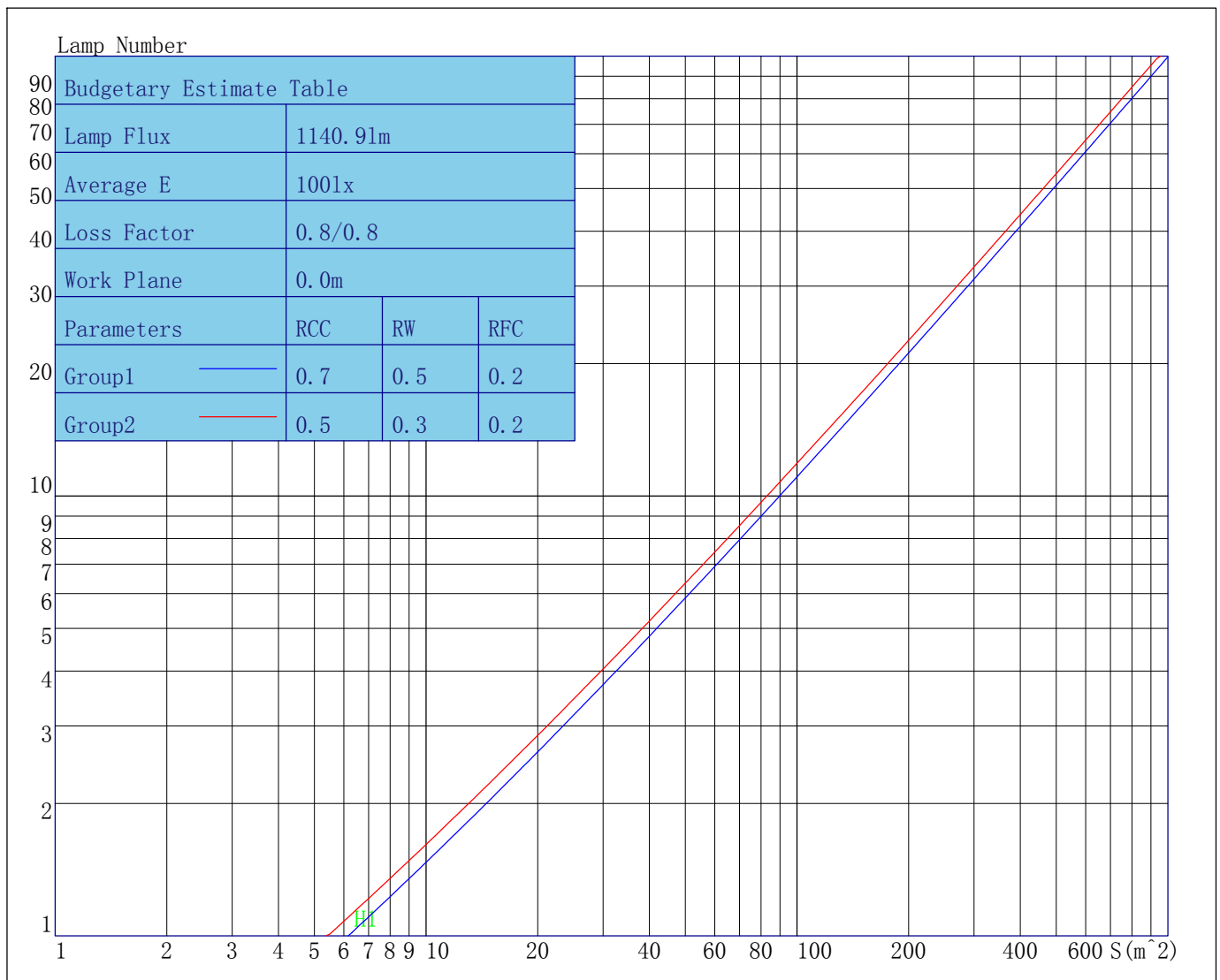
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.750 Area(m^2)=0.040000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-XX-02 3000K RA90 15D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-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: 2019/12/23



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

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID; Lamp Name, Lamp Catalog, Test Lab; Manufacture, Test Machine, Test Date.

Table with 2 main sections: 'Coefficients of Utilization - Zonal Cavity Method' and 'Coefficient of Utilization(%)'. The first section includes RhoCC, RhoW, and RCR values. The second section is a grid of utilization coefficients for different RCR and Rho values.

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 and sizes, and 3 rows for variations with observer position at spacings (S=1.0H, S=1.5H, S=2.0H). Includes sections for Reduced UGR Table and Nordic Standard 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	3276.40	3276.40	3276.40	3276.40
γ 1.0	3288.00	3278.04	3187.73	3277.06
γ 2.0	3270.08	3204.04	3051.40	3204.98
γ 3.0	3224.86	3085.63	2874.92	3074.88
γ 4.0	3123.93	2928.16	2655.04	2895.80
γ 5.0	2981.57	2733.16	2412.63	2668.71
γ 6.0	2786.60	2509.68	2157.51	2406.16
γ 7.0	2561.90	2268.20	1920.93	2127.57
γ 8.0	2310.92	2035.52	1703.56	1857.24
γ 9.0	2062.92	1827.01	1505.47	1611.44
γ 10.0	1830.91	1634.95	1324.95	1400.95
γ 11.0	1626.92	1455.41	1168.71	1225.22
γ 12.0	1441.51	1295.20	1034.09	1078.06
γ 13.0	1277.16	1150.81	920.76	952.50
γ 14.0	1129.29	1028.42	829.54	856.08
γ 15.0	1003.49	926.51	759.82	782.15
γ 16.0	900.03	842.15	704.47	725.02
γ 17.0	821.76	772.41	661.78	679.66
γ 18.0	757.53	717.27	627.61	644.93
γ 19.0	706.69	672.28	599.62	616.33
γ 20.0	665.08	635.36	576.35	593.38
γ 21.0	632.27	604.85	557.04	573.42
γ 22.0	604.65	580.75	539.94	556.19
γ 23.0	583.40	560.79	524.56	540.73
γ 24.0	564.40	544.21	509.54	526.82
γ 25.0	548.96	529.46	495.04	512.63
γ 26.0	533.40	514.86	482.20	498.78
γ 27.0	520.53	501.27	469.44	485.86
γ 28.0	507.33	488.50	457.95	473.46
γ 29.0	495.56	475.65	446.28	461.30
γ 30.0	483.71	463.15	434.92	449.93
γ 31.0	472.57	451.76	424.05	438.15
γ 32.0	461.27	440.73	413.22	426.14
γ 33.0	450.35	429.32	401.99	414.87
γ 34.0	439.31	417.63	388.55	404.67
γ 35.0	429.40	405.18	369.83	390.45
γ 36.0	417.80	392.96	345.72	369.11
γ 37.0	402.95	376.91	318.50	344.34
γ 38.0	382.14	356.30	288.24	317.28
γ 39.0	357.50	330.78	256.96	289.48
γ 40.0	329.29	302.28	225.09	259.99
γ 41.0	299.52	270.69	193.47	229.08
γ 42.0	267.17	238.40	163.35	197.66
γ 43.0	234.81	204.78	134.30	167.47
γ 44.0	201.92	171.73	107.57	139.80
γ 45.0	170.74	140.83	83.06	113.40
γ 46.0	141.11	112.63	61.35	88.92

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	113.78	86.28	44.24	67.71
γ 48.0	88.14	63.23	33.61	51.69
γ 49.0	66.42	44.80	28.73	42.21
γ 50.0	50.75	35.10	26.17	37.13
γ 51.0	41.86	31.24	23.92	33.39
γ 52.0	36.78	28.51	22.32	30.06
γ 53.0	33.03	26.35	20.72	27.29
γ 54.0	30.17	24.49	19.61	25.07
γ 55.0	27.87	22.97	18.55	23.11
γ 56.0	25.68	21.74	17.54	21.73
γ 57.0	24.21	20.57	16.74	20.46
γ 58.0	22.87	19.64	15.91	19.48
γ 59.0	21.76	18.64	15.26	18.51
γ 60.0	20.64	17.84	14.64	17.73
γ 61.0	19.78	17.07	14.09	17.02
γ 62.0	18.97	16.35	13.54	16.37
γ 63.0	18.23	15.61	13.08	15.79
γ 64.0	17.48	14.97	12.64	15.25
γ 65.0	16.82	14.35	12.24	14.77
γ 66.0	16.16	13.75	11.90	14.34
γ 67.0	15.55	13.16	11.59	13.95
γ 68.0	14.96	12.63	11.30	13.57
γ 69.0	14.44	12.09	11.02	13.23
γ 70.0	13.93	11.61	10.78	12.88
γ 71.0	13.44	11.10	10.52	12.52
γ 72.0	12.97	10.67	10.27	12.21
γ 73.0	12.52	10.23	10.01	11.87
γ 74.0	12.09	9.82	9.73	11.54
γ 75.0	11.66	9.41	9.47	11.23
γ 76.0	11.24	9.06	9.19	10.91
γ 77.0	10.87	8.71	8.96	10.61
γ 78.0	10.48	8.40	8.77	10.33
γ 79.0	10.13	8.08	8.69	10.08
γ 80.0	9.80	7.80	8.42	9.87
γ 81.0	9.53	7.55	8.37	9.61
γ 82.0	9.33	7.36	7.83	9.42
γ 83.0	9.09	6.96	7.39	9.02
γ 84.0	8.67	6.70	7.00	8.52
γ 85.0	8.36	6.31	6.44	8.13
γ 86.0	7.93	5.72	5.60	7.43
γ 87.0	7.26	5.09	4.83	6.46
γ 88.0	6.38	4.62	4.23	5.56
γ 89.0	5.55	4.11	4.12	4.95
γ 90.0	4.91	3.99	4.00	4.80
γ 91.0	4.76	3.90	3.89	4.66
γ 92.0	4.63	3.79	3.79	4.52
γ 93.0	4.51	3.70	3.68	4.39

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	4.39	3.62	3.60	4.28
γ 95.0	4.29	3.53	3.51	4.17
γ 96.0	4.19	3.46	3.45	4.06
γ 97.0	4.09	3.38	3.36	3.97
γ 98.0	4.00	3.33	3.30	3.88
γ 99.0	3.92	3.26	3.25	3.80
γ 100.0	3.84	3.21	3.20	3.74
γ 101.0	3.77	3.17	3.17	3.68
γ 102.0	3.71	3.13	3.14	3.62
γ 103.0	3.67	3.09	3.12	3.58
γ 104.0	3.61	3.07	3.10	3.55
γ 105.0	3.57	3.06	3.10	3.52
γ 106.0	3.52	3.04	3.09	3.50
γ 107.0	3.51	3.03	3.09	3.48
γ 108.0	3.48	3.03	3.11	3.47
γ 109.0	3.46	3.03	3.12	3.47
γ 110.0	3.44	3.03	3.14	3.48
γ 111.0	3.44	3.03	3.16	3.49
γ 112.0	3.42	3.04	3.20	3.50
γ 113.0	3.42	3.04	3.23	3.52
γ 114.0	3.41	3.05	3.26	3.53
γ 115.0	3.41	3.06	3.31	3.56
γ 116.0	3.41	3.07	3.36	3.60
γ 117.0	3.41	3.09	3.40	3.62
γ 118.0	3.42	3.10	3.45	3.64
γ 119.0	3.43	3.12	3.51	3.70
γ 120.0	3.44	3.16	3.57	3.73
γ 121.0	3.47	3.19	3.63	3.78
γ 122.0	3.49	3.24	3.70	3.84
γ 123.0	3.53	3.27	3.76	3.90
γ 124.0	3.57	3.34	3.83	3.95
γ 125.0	3.61	3.39	3.90	4.01
γ 126.0	3.67	3.45	3.98	4.07
γ 127.0	3.72	3.52	4.06	4.14
γ 128.0	3.79	3.60	4.16	4.22
γ 129.0	3.86	3.68	4.25	4.30
γ 130.0	3.93	3.77	4.37	4.39
γ 131.0	4.02	3.86	4.47	4.50
γ 132.0	4.11	3.96	4.59	4.60
γ 133.0	4.21	4.06	4.73	4.72
γ 134.0	4.31	4.18	4.86	4.84
γ 135.0	4.42	4.30	5.01	4.97
γ 136.0	4.53	4.43	5.17	5.11
γ 137.0	4.67	4.57	5.34	5.26
γ 138.0	4.80	4.72	5.50	5.40
γ 139.0	4.94	4.87	5.68	5.57
γ 140.0	5.08	5.04	5.86	5.73

IES Indoor Report

Photometric Filename:MD10-13-XX-02 3000K RA90 15D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	5.25	5.19	6.01	5.91
γ 142.0	5.39	5.36	6.18	6.06
γ 143.0	5.56	5.53	6.32	6.22
γ 144.0	5.71	5.70	6.47	6.35
γ 145.0	5.88	5.84	6.62	6.50
γ 146.0	6.03	6.01	6.74	6.63
γ 147.0	6.18	6.16	6.86	6.77
γ 148.0	6.34	6.30	6.97	6.89
γ 149.0	6.45	6.43	7.08	6.99
γ 150.0	6.58	6.55	7.18	7.10
γ 151.0	6.72	6.66	7.28	7.18
γ 152.0	6.84	6.78	7.38	7.26
γ 153.0	6.97	6.89	7.47	7.37
γ 154.0	7.07	7.00	7.57	7.45
γ 155.0	7.19	7.09	7.64	7.53
γ 156.0	7.29	7.18	7.73	7.60
γ 157.0	7.40	7.27	7.82	7.68
γ 158.0	7.51	7.36	7.91	7.75
γ 159.0	7.60	7.44	7.98	7.82
γ 160.0	7.69	7.53	8.05	7.89
γ 161.0	7.78	7.61	8.13	7.97
γ 162.0	7.86	7.71	8.22	8.02
γ 163.0	7.96	7.81	8.28	8.10
γ 164.0	8.04	7.90	8.35	8.15
γ 165.0	8.13	7.97	8.41	8.22
γ 166.0	8.21	8.07	8.47	8.27
γ 167.0	8.29	8.15	8.53	8.31
γ 168.0	8.36	8.24	8.58	8.35
γ 169.0	8.44	8.30	8.61	8.40
γ 170.0	8.49	8.37	8.65	8.43
γ 171.0	8.56	8.41	8.66	8.46
γ 172.0	8.59	8.45	8.69	8.47
γ 173.0	8.65	8.47	8.69	8.49
γ 174.0	8.68	8.49	8.71	8.49
γ 175.0	8.69	8.51	8.70	8.53
γ 176.0	8.70	8.52	8.71	8.55
γ 177.0	8.72	8.53	8.71	8.57
γ 178.0	8.74	8.54	8.73	8.59
γ 179.0	8.74	8.54	8.75	8.62
γ 180.0	8.70	8.70	8.70	8.70