

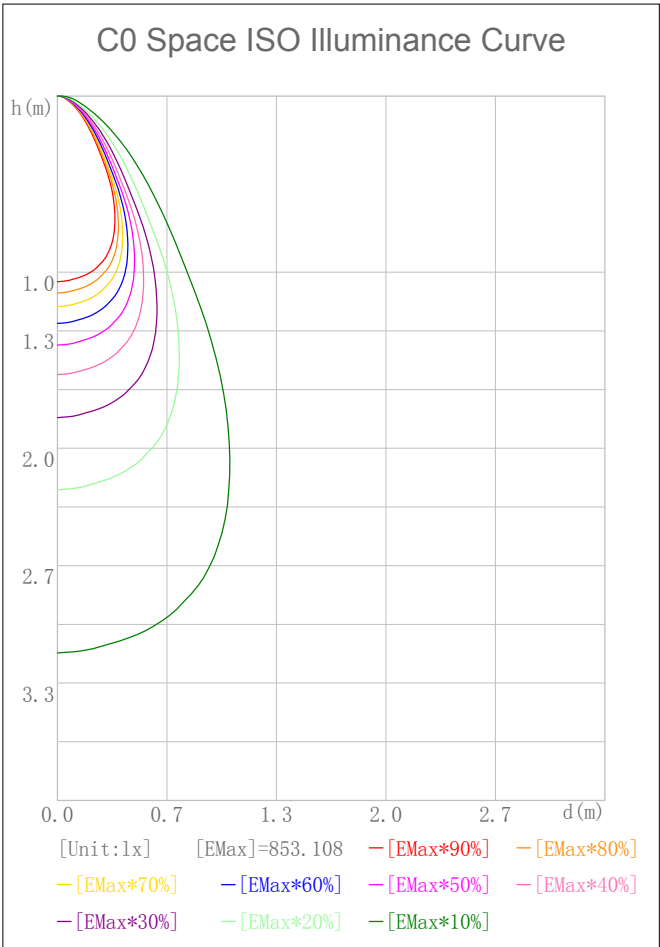
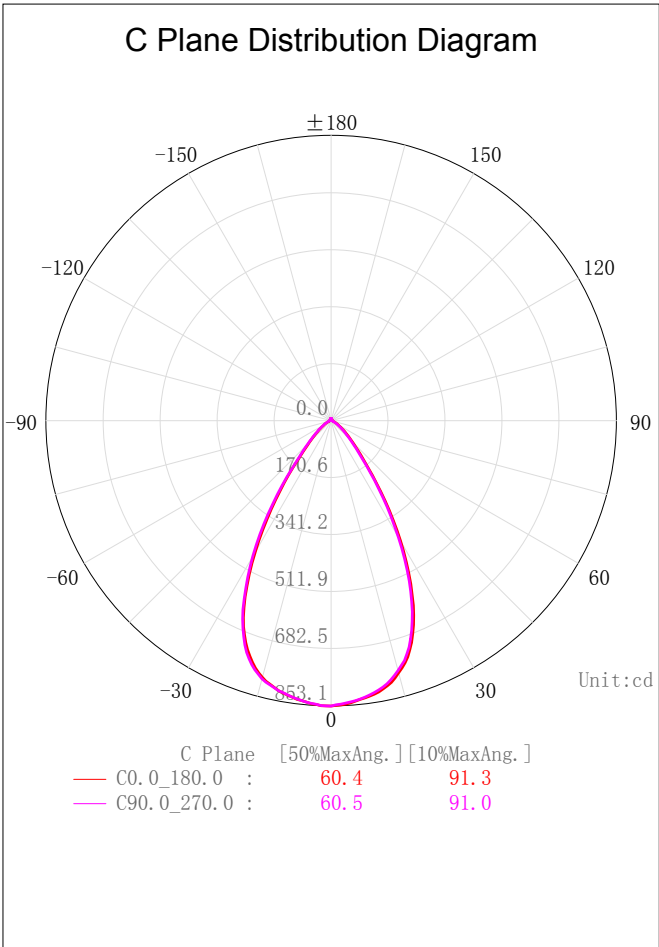
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-09-XX-01 4000K RA90 60D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/12/03
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): 889.740	Luminary Flux(lm): 889.735	Field Angle(10%Imax): 91.3(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 870.158lm 97.80%	
Rated Voltage(V):	Luminary EER(lm/W): 96.742	Up Lumens&Percent: 19.578lm 2.20%	
Tested Power(W): 9.197	Max. Candela(cd): 853.108	S/MH: C0_a180=0.954 C90_270=0.952	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):241.4, 0.041, 0.920	Beam Angle(50%Imax): 60.4(°)	ErP Φ use(90°): 781.250lm	
Lamp Size(W*L*H):0.050m*0.050m*0.060m	Left=-30.8°, Right=29.7°	IRF(%): 219.949	



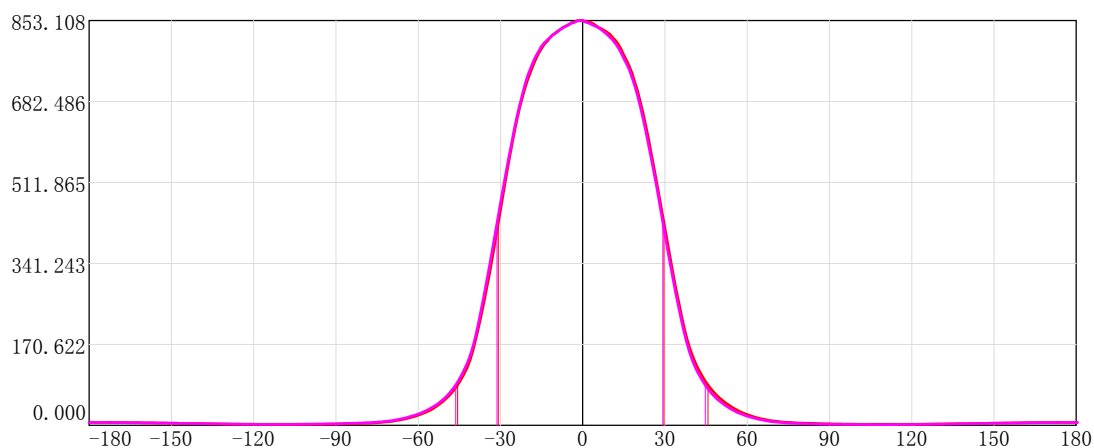
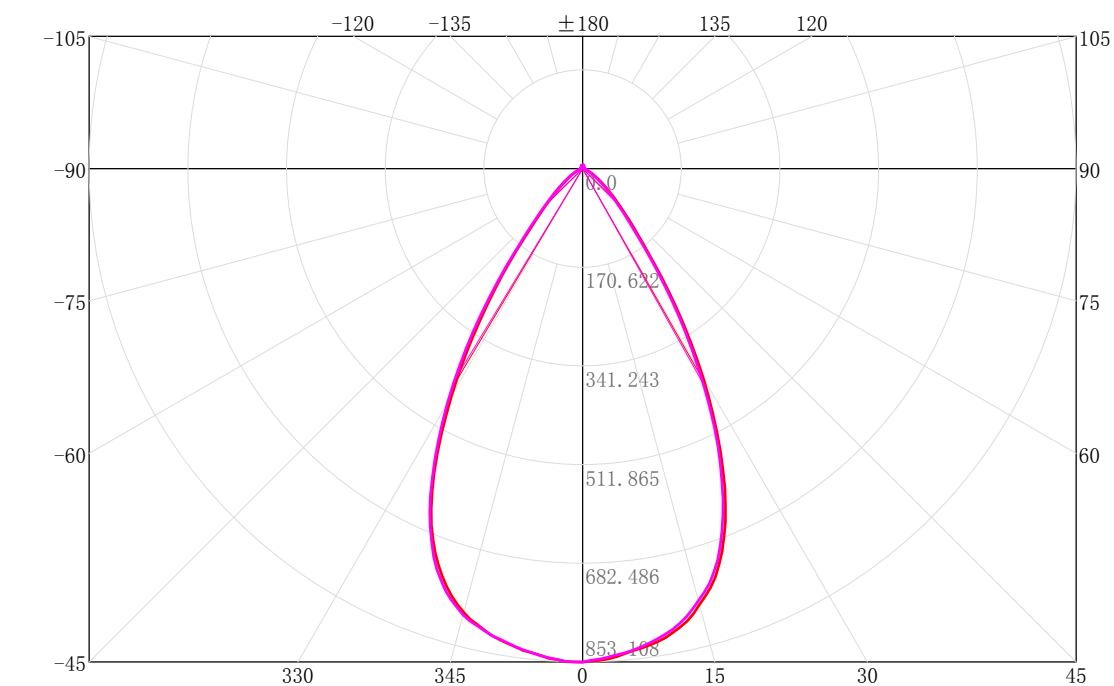
IES Indoor Report

Photometric Filename:MD10-09-XX-01 4000K RA90 60D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-09-XX-01 4000K RA90 60D	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: 2019/12/03

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
C0.0_180.0 : 60.4 91.3
C90.0_270.0 : 60.5 91.0

Unit:cd

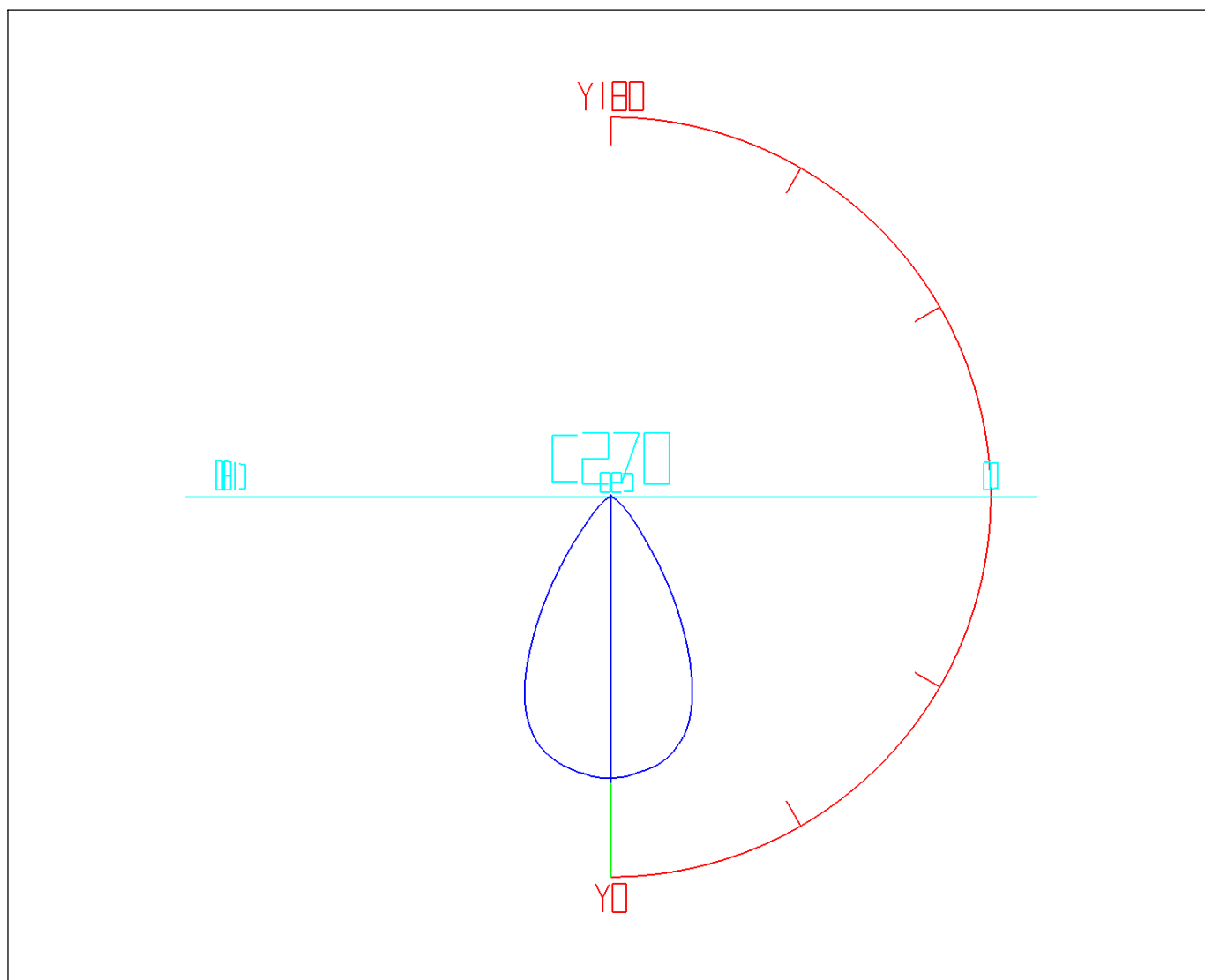
IES Indoor Report

Photometric Filename:MD10-09-XX-01 4000K RA90 60D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-09-XX-01 4000K RA90 60D	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: 2019/12/03

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

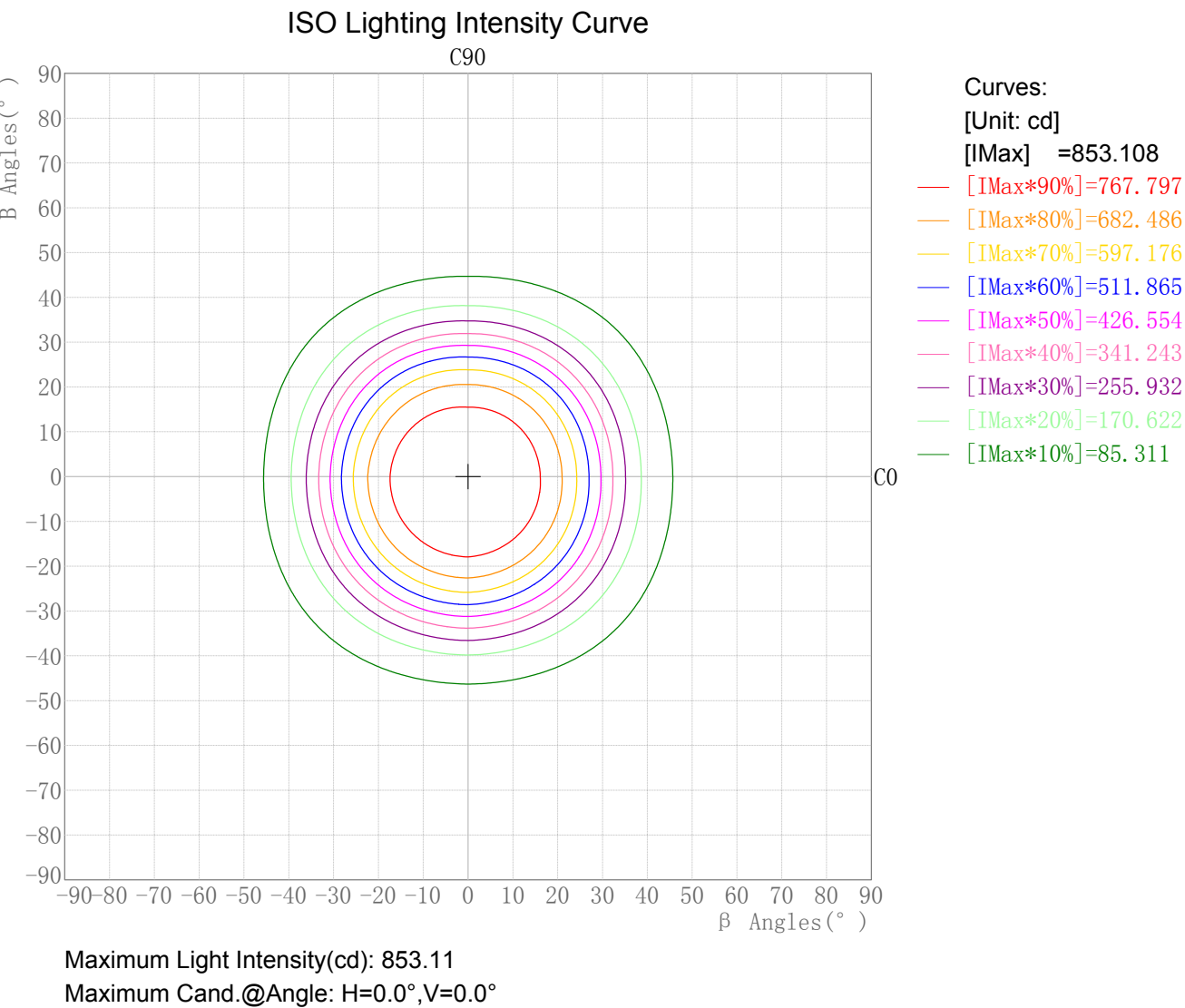
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.82	0.82	0.09	0.09	47.0-48.0	5.73	802.77	0.64	90.22
1.0-2.0	2.44	3.26	0.27	0.37	48.0-49.0	5.29	808.06	0.60	90.82
2.0-3.0	4.06	7.32	0.46	0.82	49.0-50.0	4.89	812.95	0.55	91.37
3.0-4.0	5.67	13.00	0.64	1.46	50.0-51.0	4.51	817.46	0.51	91.88
4.0-5.0	7.27	20.26	0.82	2.28	51.0-52.0	4.17	821.63	0.47	92.34
5.0-6.0	8.84	29.10	0.99	3.27	52.0-53.0	3.85	825.48	0.43	92.78
6.0-7.0	10.40	39.50	1.17	4.44	53.0-54.0	3.55	829.03	0.40	93.18
7.0-8.0	11.94	51.45	1.34	5.78	54.0-55.0	3.28	832.31	0.37	93.55
8.0-9.0	13.46	64.91	1.51	7.29	55.0-56.0	3.02	835.33	0.34	93.89
9.0-10.0	14.95	79.85	1.68	8.97	56.0-57.0	2.79	838.12	0.31	94.20
10.0-11.0	16.41	96.26	1.84	10.82	57.0-58.0	2.57	840.69	0.29	94.49
11.0-12.0	17.82	114.08	2.00	12.82	58.0-59.0	2.36	843.05	0.27	94.75
12.0-13.0	19.18	133.26	2.16	14.98	59.0-60.0	2.18	845.23	0.24	95.00
13.0-14.0	20.50	153.76	2.30	17.28	60.0-61.0	2.01	847.24	0.23	95.22
14.0-15.0	21.74	175.50	2.44	19.72	61.0-62.0	1.85	849.09	0.21	95.43
15.0-16.0	22.90	198.39	2.57	22.30	62.0-63.0	1.70	850.79	0.19	95.62
16.0-17.0	24.00	222.39	2.70	25.00	63.0-64.0	1.56	852.35	0.18	95.80
17.0-18.0	24.99	247.38	2.81	27.80	64.0-65.0	1.43	853.79	0.16	95.96
18.0-19.0	25.84	273.22	2.90	30.71	65.0-66.0	1.32	855.11	0.15	96.11
19.0-20.0	26.56	299.78	2.98	33.69	66.0-67.0	1.21	856.31	0.14	96.24
20.0-21.0	27.12	326.90	3.05	36.74	67.0-68.0	1.10	857.42	0.12	96.37
21.0-22.0	27.51	354.41	3.09	39.83	68.0-69.0	1.01	858.43	0.11	96.48
22.0-23.0	27.75	382.16	3.12	42.95	69.0-70.0	0.93	859.35	0.10	96.58
23.0-24.0	27.80	409.96	3.12	46.08	70.0-71.0	0.87	860.22	0.10	96.68
24.0-25.0	27.66	437.62	3.11	49.18	71.0-72.0	0.81	861.03	0.09	96.77
25.0-26.0	27.33	464.95	3.07	52.26	72.0-73.0	0.76	861.79	0.09	96.86
26.0-27.0	26.81	491.76	3.01	55.27	73.0-74.0	0.71	862.49	0.08	96.94
27.0-28.0	26.12	517.88	2.94	58.21	74.0-75.0	0.66	863.15	0.07	97.01
28.0-29.0	25.29	543.17	2.84	61.05	75.0-76.0	0.62	863.77	0.07	97.08
29.0-30.0	24.34	567.51	2.74	63.78	76.0-77.0	0.59	864.36	0.07	97.15
30.0-31.0	23.26	590.77	2.61	66.40	77.0-78.0	0.56	864.93	0.06	97.21
31.0-32.0	22.07	612.84	2.48	68.88	78.0-79.0	0.54	865.47	0.06	97.27
32.0-33.0	20.80	633.64	2.34	71.22	79.0-80.0	0.52	865.99	0.06	97.33
33.0-34.0	19.44	653.08	2.18	73.40	80.0-81.0	0.50	866.49	0.06	97.39
34.0-35.0	18.03	671.11	2.03	75.43	81.0-82.0	0.48	866.96	0.05	97.44
35.0-36.0	16.60	687.71	1.87	77.29	82.0-83.0	0.46	867.43	0.05	97.49
36.0-37.0	15.19	702.90	1.71	79.00	83.0-84.0	0.44	867.87	0.05	97.54
37.0-38.0	13.82	716.71	1.55	80.55	84.0-85.0	0.43	868.29	0.05	97.59
38.0-39.0	12.51	729.23	1.41	81.96	85.0-86.0	0.41	868.70	0.05	97.64
39.0-40.0	11.32	740.55	1.27	83.23	86.0-87.0	0.39	869.09	0.04	97.68
40.0-41.0	10.28	750.83	1.16	84.39	87.0-88.0	0.37	869.46	0.04	97.72
41.0-42.0	9.39	760.22	1.06	85.44	88.0-89.0	0.35	869.82	0.04	97.76
42.0-43.0	8.62	768.84	0.97	86.41	89.0-90.0	0.34	870.16	0.04	97.80
43.0-44.0	7.93	776.78	0.89	87.30	90.0-91.0	0.33	870.49	0.04	97.84
44.0-45.0	7.31	784.08	0.82	88.12	91.0-92.0	0.32	870.81	0.04	97.87
45.0-46.0	6.74	790.82	0.76	88.88	92.0-93.0	0.31	871.12	0.04	97.91
46.0-47.0	6.21	797.03	0.70	89.58	93.0-94.0	0.30	871.42	0.03	97.94

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	0.29	871.72	0.03	97.97	141.0-142.0	0.27	883.02	0.03	99.24
95.0-96.0	0.29	872.01	0.03	98.01	142.0-143.0	0.27	883.29	0.03	99.27
96.0-97.0	0.28	872.29	0.03	98.04	143.0-144.0	0.27	883.56	0.03	99.31
97.0-98.0	0.27	872.56	0.03	98.07	144.0-145.0	0.27	883.83	0.03	99.34
98.0-99.0	0.27	872.82	0.03	98.10	145.0-146.0	0.27	884.09	0.03	99.37
99.0-100.0	0.26	873.08	0.03	98.13	146.0-147.0	0.27	884.36	0.03	99.40
100.0-101.0	0.25	873.34	0.03	98.16	147.0-148.0	0.26	884.62	0.03	99.43
101.0-102.0	0.25	873.59	0.03	98.18	148.0-149.0	0.26	884.89	0.03	99.45
102.0-103.0	0.24	873.83	0.03	98.21	149.0-150.0	0.26	885.15	0.03	99.48
103.0-104.0	0.24	874.07	0.03	98.24	150.0-151.0	0.26	885.40	0.03	99.51
104.0-105.0	0.23	874.30	0.03	98.26	151.0-152.0	0.25	885.66	0.03	99.54
105.0-106.0	0.23	874.53	0.03	98.29	152.0-153.0	0.25	885.91	0.03	99.57
106.0-107.0	0.23	874.75	0.03	98.32	153.0-154.0	0.24	886.15	0.03	99.60
107.0-108.0	0.22	874.98	0.03	98.34	154.0-155.0	0.24	886.39	0.03	99.62
108.0-109.0	0.22	875.20	0.02	98.37	155.0-156.0	0.23	886.62	0.03	99.65
109.0-110.0	0.22	875.41	0.02	98.39	156.0-157.0	0.23	886.85	0.03	99.68
110.0-111.0	0.22	875.63	0.02	98.41	157.0-158.0	0.22	887.07	0.02	99.70
111.0-112.0	0.21	875.84	0.02	98.44	158.0-159.0	0.22	887.29	0.02	99.72
112.0-113.0	0.21	876.06	0.02	98.46	159.0-160.0	0.21	887.50	0.02	99.75
113.0-114.0	0.21	876.27	0.02	98.49	160.0-161.0	0.20	887.70	0.02	99.77
114.0-115.0	0.21	876.48	0.02	98.51	161.0-162.0	0.19	887.89	0.02	99.79
115.0-116.0	0.21	876.70	0.02	98.53	162.0-163.0	0.19	888.08	0.02	99.81
116.0-117.0	0.21	876.91	0.02	98.56	163.0-164.0	0.18	888.26	0.02	99.83
117.0-118.0	0.22	877.13	0.02	98.58	164.0-165.0	0.17	888.43	0.02	99.85
118.0-119.0	0.22	877.34	0.02	98.61	165.0-166.0	0.16	888.59	0.02	99.87
119.0-120.0	0.22	877.56	0.02	98.63	166.0-167.0	0.15	888.74	0.02	99.89
120.0-121.0	0.22	877.78	0.02	98.66	167.0-168.0	0.14	888.88	0.02	99.90
121.0-122.0	0.22	878.00	0.02	98.68	168.0-169.0	0.13	889.02	0.01	99.92
122.0-123.0	0.22	878.23	0.03	98.71	169.0-170.0	0.12	889.14	0.01	99.93
123.0-124.0	0.23	878.46	0.03	98.73	170.0-171.0	0.11	889.25	0.01	99.94
124.0-125.0	0.23	878.69	0.03	98.76	171.0-172.0	0.10	889.35	0.01	99.96
125.0-126.0	0.23	878.92	0.03	98.78	172.0-173.0	0.09	889.44	0.01	99.97
126.0-127.0	0.24	879.16	0.03	98.81	173.0-174.0	0.08	889.52	0.01	99.97
127.0-128.0	0.24	879.40	0.03	98.84	174.0-175.0	0.07	889.58	0.01	99.98
128.0-129.0	0.24	879.64	0.03	98.86	175.0-176.0	0.05	889.64	0.01	99.99
129.0-130.0	0.25	879.88	0.03	98.89	176.0-177.0	0.04	889.68	0.00	99.99
130.0-131.0	0.25	880.13	0.03	98.92	177.0-178.0	0.03	889.71	0.00	100.00
131.0-132.0	0.25	880.38	0.03	98.95	178.0-179.0	0.02	889.73	0.00	100.00
132.0-133.0	0.25	880.64	0.03	98.98	179.0-180.0	0.01	889.74	0.00	100.00
133.0-134.0	0.26	880.89	0.03	99.01					
134.0-135.0	0.26	881.15	0.03	99.03					
135.0-136.0	0.26	881.41	0.03	99.06					
136.0-137.0	0.26	881.68	0.03	99.09					
137.0-138.0	0.27	881.94	0.03	99.12					
138.0-139.0	0.27	882.21	0.03	99.15					
139.0-140.0	0.27	882.48	0.03	99.18					
140.0-141.0	0.27	882.75	0.03	99.21					

Rectangle ISO Lighting Intensity Diagram

Lum. Name:MD10-09-XX-01 4000K RA90 60D	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: 2019/12/03



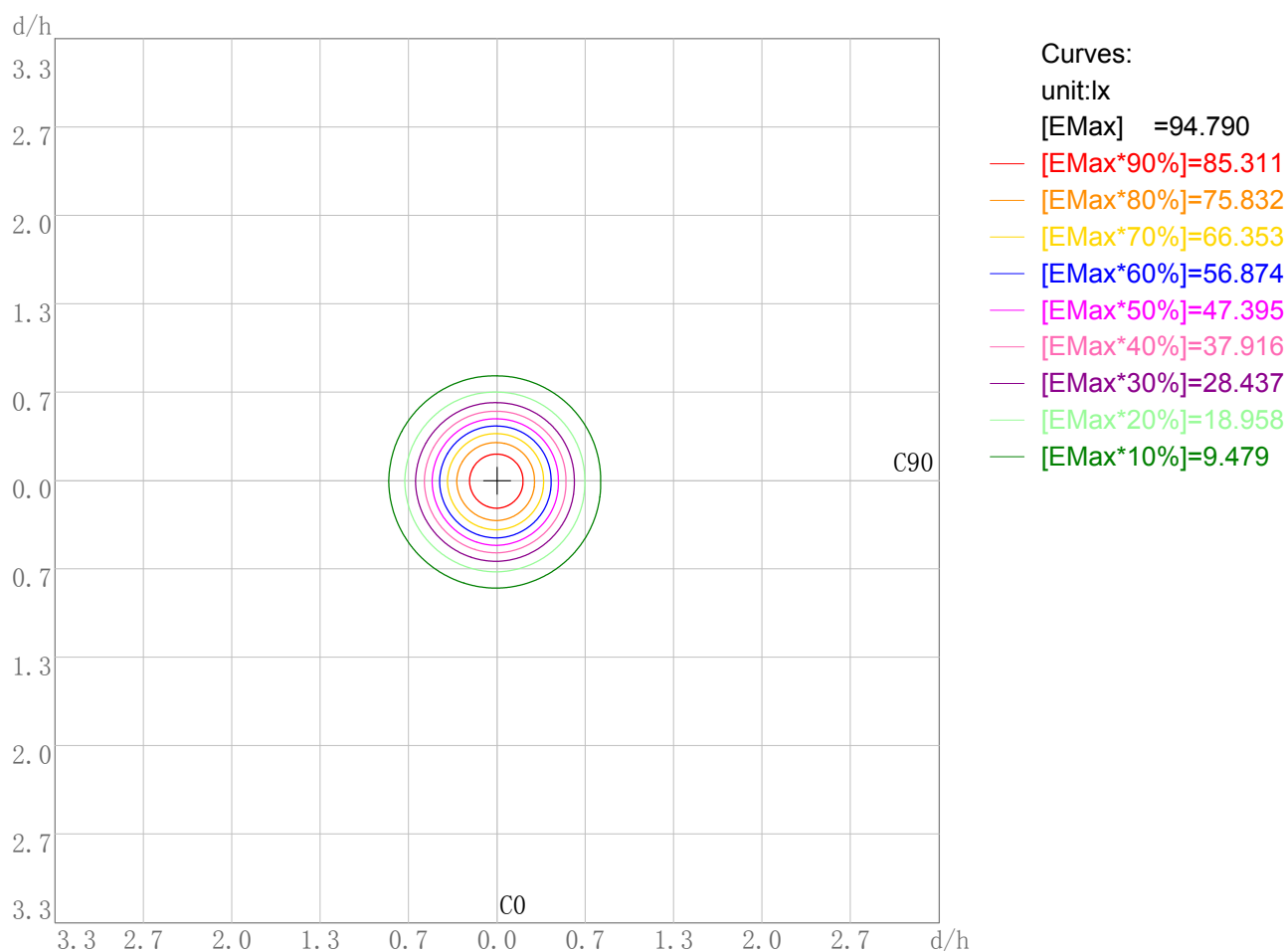
IES Indoor Report

Photometric Filename:MD10-09-XX-01 4000K RA90 60D.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD10-09-XX-01 4000K RA90 60D	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: 2019/12/03

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

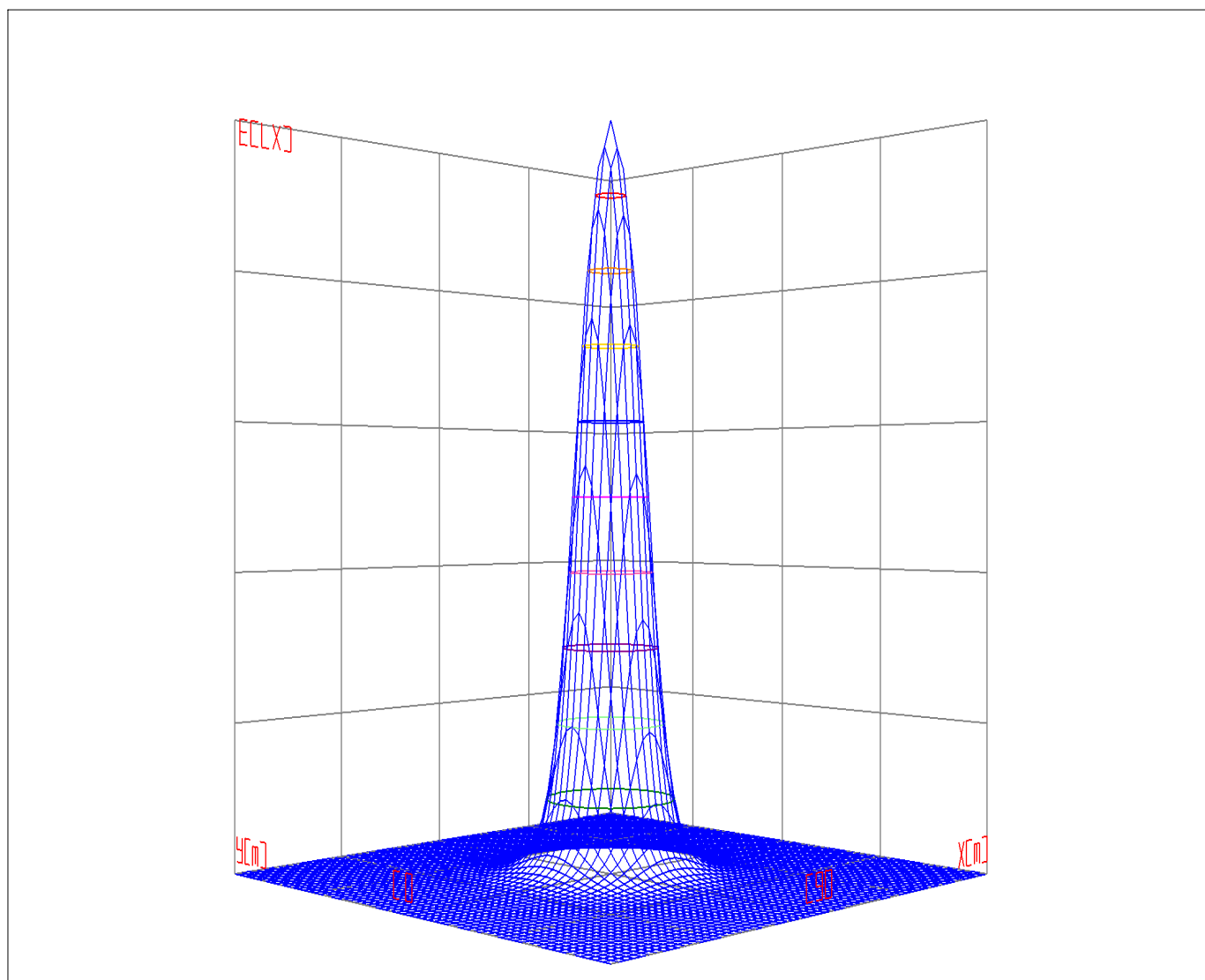
Working Plane Maximum Illuminance(lx): 94.79

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

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-09-XX-01 4000K RA90 60D	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: 2019/12/03

3D Plane Illuminance Modal

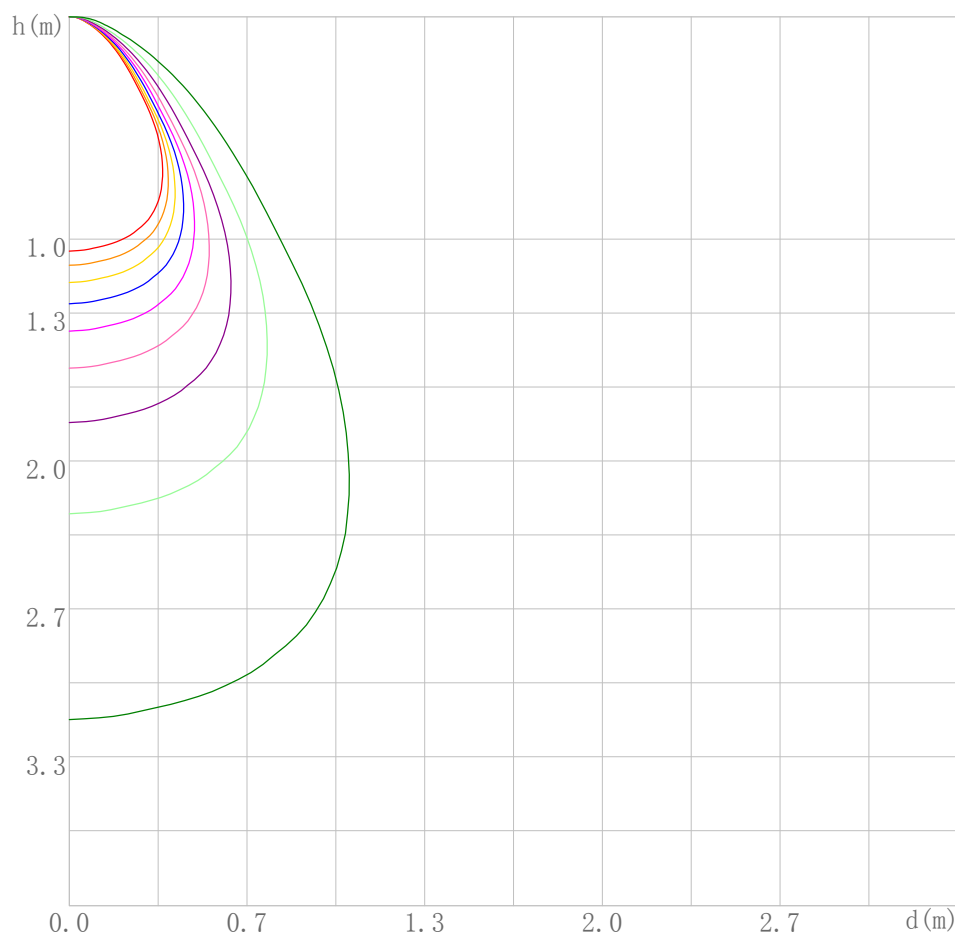


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-09-XX-01 4000K RA90 60D	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: 2019/12/03

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =853.108

— [EMax*90%]=767.797

— [EMax*80%]=682.486

— [EMax*70%]=597.176

— [EMax*60%]=511.865

— [EMax*50%]=426.554

— [EMax*40%]=341.243

— [EMax*30%]=255.932

— [EMax*20%]=170.622

— [EMax*10%]=85.311

Space Plane Maximum Illuminance and @Angle:853.11lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:853.108cd,0deg

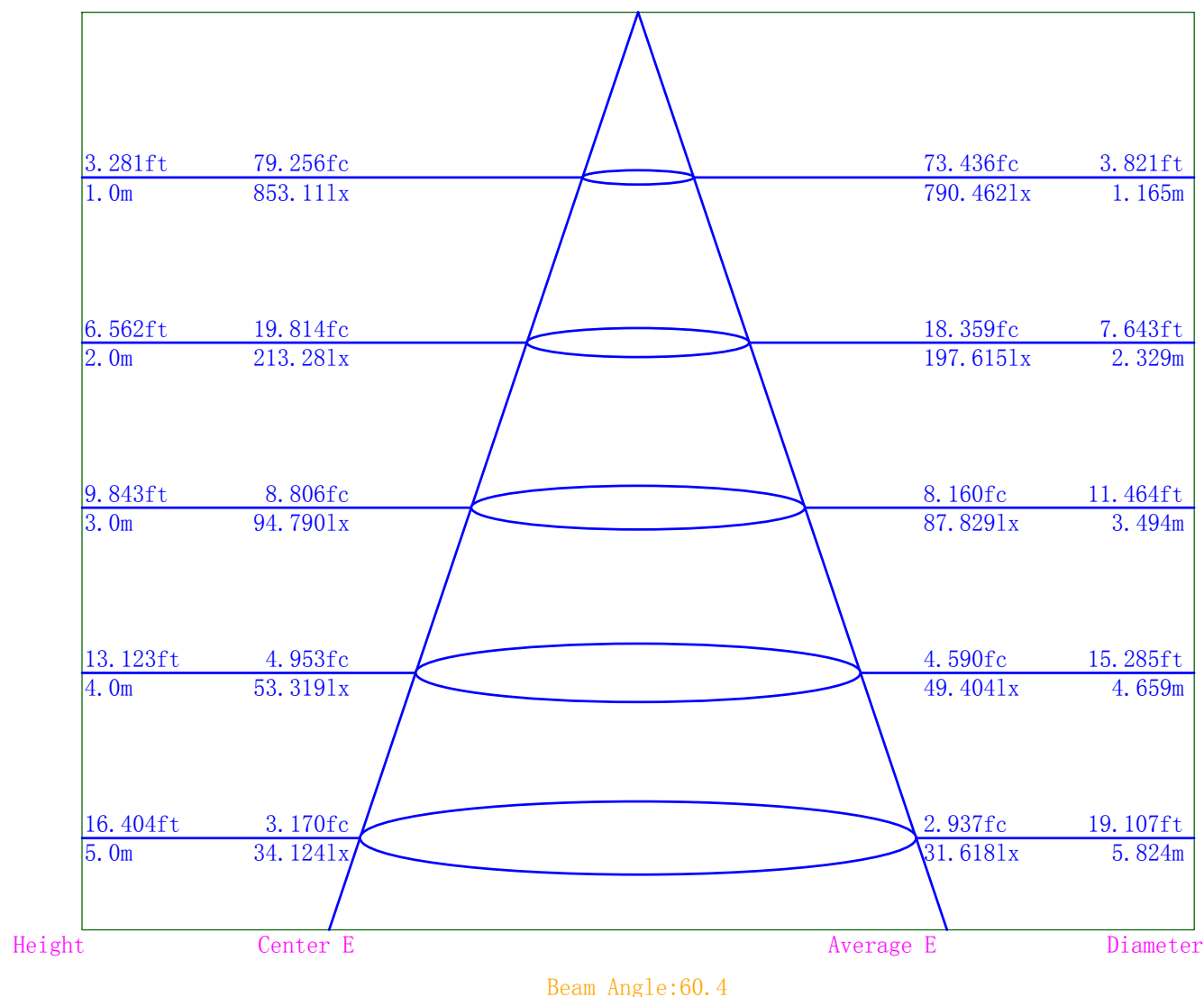
IES Indoor Report

Photometric Filename:MD10-09-XX-01 4000K RA90 60D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-09-XX-01 4000K RA90 60D	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: 2019/12/03

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-09-XX-01 4000K RA90 60D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-09-XX-01 4000K RA90 60D	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: 2019/12/03

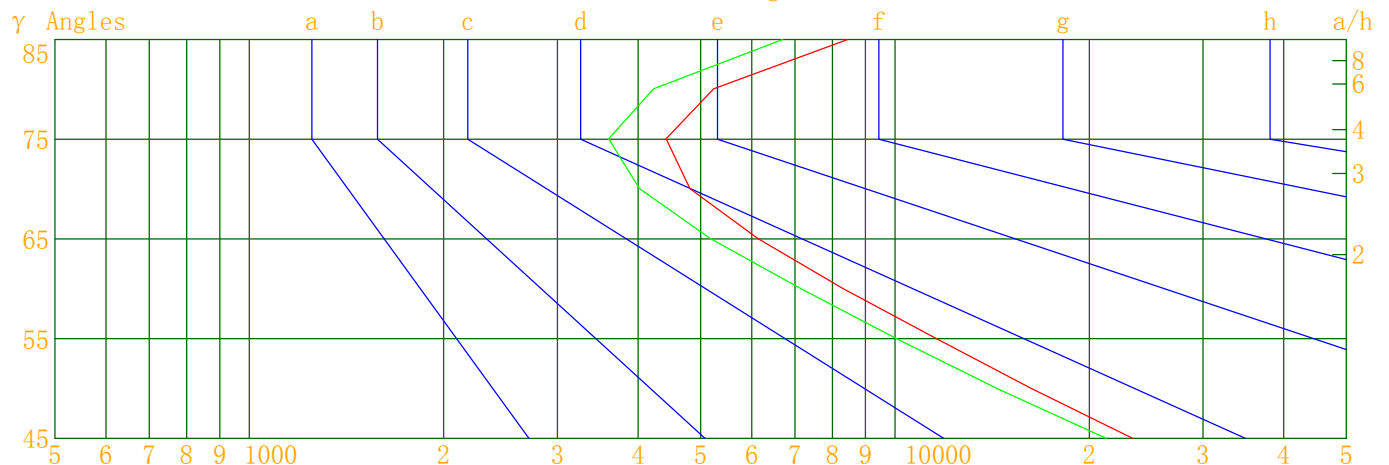
Glare Grade Table

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	23347	16256	11581	8308	6137	4813	4422	5239	8445
C90	21253	14380	10043	7148	5179	4021	3602	4229	6699

Luminance Limiting Curve



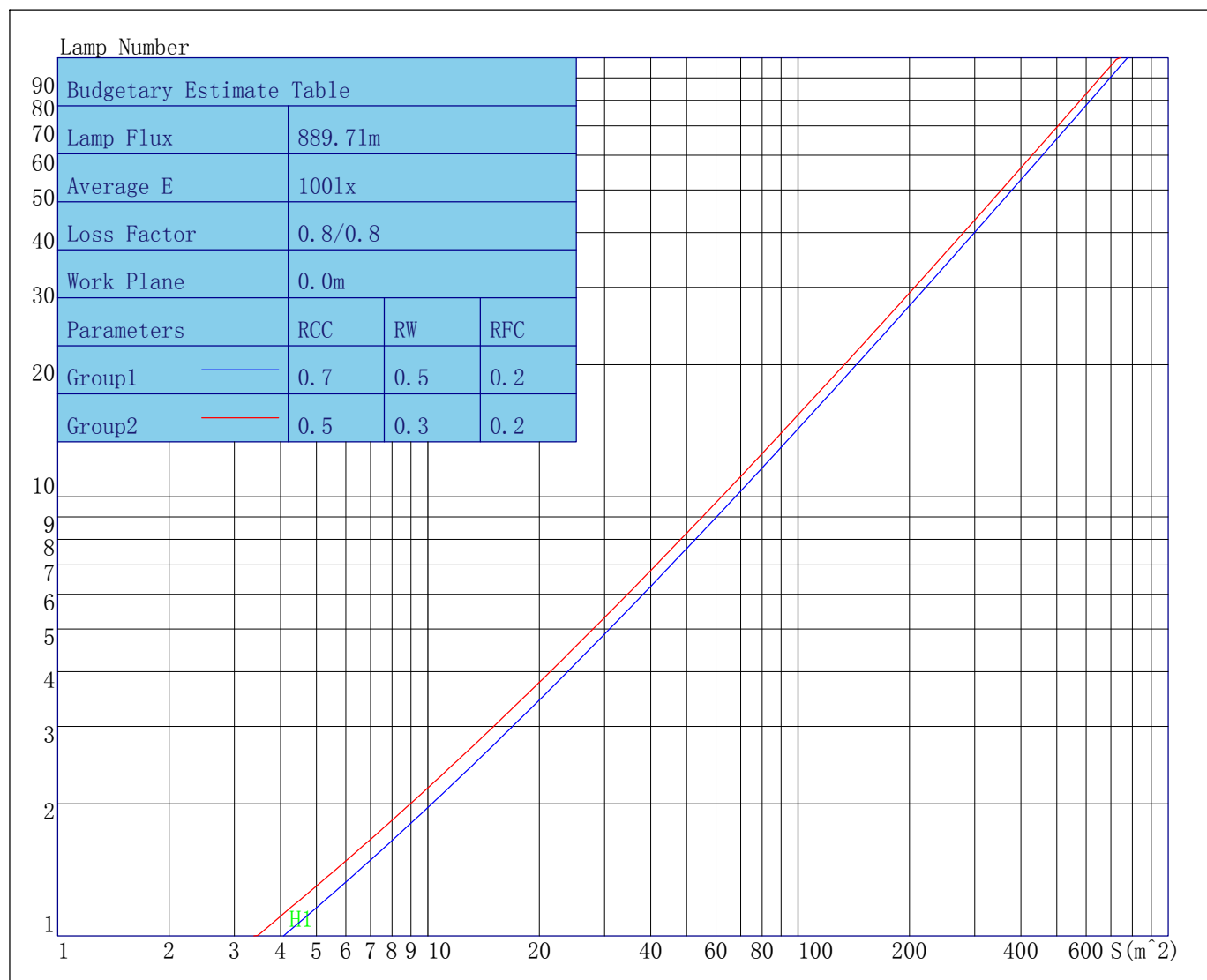
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.060 Area(m^2)=0.005500
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-09-XX-01 4000K RA90 60D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-09-XX-01 4000K RA90 60D	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: 2019/12/03



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-01 4000K RA90 60D	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: 2019/12/03

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	110	110	110	105	105	105	100	100	100	98
1	112	109	106	104	110	107	104	102	102	100	99	98	97	95	94	93	92	90
2	106	101	96	92	104	99	95	91	95	92	89	92	89	87	89	86	85	83
3	100	93	88	83	98	91	86	82	88	84	81	86	82	79	83	80	78	76
4	95	86	80	76	92	85	79	75	83	78	74	80	76	73	78	75	72	70
5	89	80	74	69	87	79	73	69	77	72	68	75	71	67	73	70	66	65
6	84	75	68	64	83	74	68	64	72	67	63	71	66	62	69	65	62	60
7	80	70	64	59	78	69	63	59	68	62	58	66	62	58	65	61	58	56
8	76	66	59	55	74	65	59	55	64	58	54	63	58	54	61	57	54	52
9	72	62	56	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	47	55	50	47	46

Unified Glare Rating Table

Lum. Name: MD10-09-XX-01 4000K RA90 60D	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: 2019/12/03

Unified Glare Rating Table

Ceiling RCC	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
Wall RW	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
Floor RFC	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room Size	Vewed crosswise					Vewed endwise				
X=2H Y=2H	19.3	20.4	19.7	20.7	21.1	18.9	19.9	19.3	20.3	20.7
	19.4	20.3	19.8	20.7	21.1	18.9	19.8	19.3	20.2	20.6
	19.4	20.2	19.8	20.6	21.1	18.9	19.8	19.3	20.2	20.6
	19.4	20.2	19.9	20.6	21.1	18.9	19.7	19.4	20.1	20.6
	19.4	20.2	19.9	20.6	21.1	18.9	19.7	19.4	20.1	20.6
	19.5	20.2	20.0	20.7	21.1	18.9	19.7	19.4	20.1	20.6
X=4H Y=2H	19.2	20.1	19.7	20.5	20.9	18.8	19.7	19.2	20.1	20.5
	19.3	20.1	19.8	20.5	21.0	18.9	19.6	19.3	20.0	20.5
	19.4	20.0	19.9	20.5	21.0	18.9	19.5	19.4	20.0	20.5
	19.5	20.1	20.0	20.5	21.1	19.0	19.5	19.5	20.0	20.5
	19.6	20.1	20.1	20.6	21.1	19.0	19.5	19.5	20.0	20.5
	19.7	20.2	20.3	20.7	21.2	19.1	19.6	19.6	20.1	20.6
X=8H Y=4H	19.3	19.8	19.8	20.3	20.8	18.8	19.3	19.3	19.8	20.3
	19.5	19.9	20.1	20.5	21.0	18.9	19.4	19.5	19.9	20.5
	19.7	20.0	20.2	20.6	21.1	19.1	19.4	19.6	20.0	20.5
	19.9	20.3	20.5	20.8	21.4	19.3	19.6	19.8	20.1	20.8
X=12H Y=4H	19.3	19.7	19.8	20.3	20.8	18.8	19.2	19.3	19.7	20.3
	19.5	19.9	20.1	20.4	21.0	18.9	19.3	19.5	19.8	20.4
	19.7	20.0	20.3	20.6	21.2	19.1	19.4	19.7	20.0	20.6
Variations with the objerver position at spacings										
S=1.0H	0.1/-0.1					0.2/-0.2				
S=1.5H	0.4/-0.3					0.4/-0.4				
S=2.0H	0.9/-0.6					0.9/-0.7				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.9					0.8				

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	853.11	853.11	853.11	853.11
γ 1.0	851.47	849.80	852.87	853.02
γ 2.0	850.62	848.28	852.78	852.24
γ 3.0	848.81	845.62	849.78	849.47
γ 4.0	845.78	842.77	848.65	847.42
γ 5.0	841.63	840.13	844.42	845.05
γ 6.0	837.81	836.84	841.51	841.59
γ 7.0	835.32	832.74	839.31	838.26
γ 8.0	831.75	828.17	834.91	834.73
γ 9.0	828.04	823.38	831.10	830.09
γ 10.0	823.60	817.81	826.84	825.88
γ 11.0	817.10	811.84	822.29	822.54
γ 12.0	810.46	804.23	815.85	816.85
γ 13.0	802.90	795.40	808.93	811.21
γ 14.0	792.89	784.89	803.11	805.95
γ 15.0	780.20	773.25	794.08	798.72
γ 16.0	769.29	761.91	784.50	788.75
γ 17.0	757.06	750.02	773.15	778.99
γ 18.0	742.63	733.81	760.05	767.06
γ 19.0	723.90	716.22	745.10	752.51
γ 20.0	704.75	694.89	728.99	737.42
γ 21.0	681.93	671.65	711.20	718.51
γ 22.0	658.65	647.28	690.80	696.58
γ 23.0	631.96	620.93	669.00	674.09
γ 24.0	604.76	592.19	643.79	649.64
γ 25.0	573.60	563.35	615.63	622.72
γ 26.0	543.74	533.61	585.81	592.28
γ 27.0	511.64	501.65	553.23	561.72
γ 28.0	479.05	468.73	520.17	530.39
γ 29.0	447.21	435.69	486.57	498.88
γ 30.0	415.48	402.33	452.43	467.10
γ 31.0	383.26	369.54	419.24	433.94
γ 32.0	351.11	338.47	385.35	401.13
γ 33.0	319.43	307.99	352.08	368.26
γ 34.0	288.85	277.76	319.37	335.76
γ 35.0	260.01	248.58	288.48	303.47
γ 36.0	231.98	221.58	258.80	272.76
γ 37.0	205.94	196.23	231.55	243.77
γ 38.0	183.03	173.52	206.00	215.55
γ 39.0	163.87	153.96	181.30	189.30
γ 40.0	147.57	137.52	158.48	166.59
γ 41.0	133.57	123.73	139.20	147.87
γ 42.0	121.20	111.78	123.88	132.64
γ 43.0	109.94	100.97	111.30	119.49
γ 44.0	99.73	91.36	100.48	107.61
γ 45.0	90.80	82.65	90.71	97.22
γ 46.0	82.80	74.97	81.99	87.84

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	75.57	67.92	74.21	79.57
γ 48.0	69.08	61.63	67.29	72.19
γ 49.0	62.97	55.99	61.06	65.48
γ 50.0	57.47	50.84	55.48	59.50
γ 51.0	52.44	46.37	50.32	54.09
γ 52.0	48.05	42.30	45.70	49.23
γ 53.0	44.03	38.42	41.43	44.95
γ 54.0	40.18	34.86	37.60	41.12
γ 55.0	36.53	31.68	34.16	37.69
γ 56.0	33.25	28.77	31.04	34.49
γ 57.0	30.23	26.13	28.30	31.49
γ 58.0	27.42	23.80	25.84	28.66
γ 59.0	24.96	21.69	23.60	26.13
γ 60.0	22.85	19.66	21.62	23.91
γ 61.0	20.91	17.92	19.65	21.96
γ 62.0	18.97	16.28	17.97	20.11
γ 63.0	17.19	14.76	16.42	18.42
γ 64.0	15.54	13.29	14.96	16.83
γ 65.0	14.27	12.04	13.59	15.30
γ 66.0	13.08	11.05	12.31	14.06
γ 67.0	11.69	9.67	11.29	12.91
γ 68.0	10.48	8.83	10.33	11.93
γ 69.0	9.72	8.18	9.18	10.51
γ 70.0	9.05	7.56	8.38	9.66
γ 71.0	8.43	7.01	7.85	9.05
γ 72.0	7.82	6.45	7.32	8.46
γ 73.0	7.22	5.93	6.82	7.90
γ 74.0	6.70	5.46	6.34	7.36
γ 75.0	6.30	5.13	5.85	6.84
γ 76.0	5.99	4.87	5.43	6.42
γ 77.0	5.70	4.64	5.11	6.10
γ 78.0	5.45	4.42	4.86	5.81
γ 79.0	5.22	4.22	4.64	5.58
γ 80.0	5.00	4.04	4.45	5.35
γ 81.0	4.79	3.85	4.26	5.14
γ 82.0	4.59	3.69	4.09	4.94
γ 83.0	4.40	3.51	3.93	4.75
γ 84.0	4.22	3.37	3.77	4.56
γ 85.0	4.05	3.21	3.61	4.39
γ 86.0	3.85	3.04	3.46	4.22
γ 87.0	3.65	2.87	3.31	4.06
γ 88.0	3.49	2.74	3.14	3.85
γ 89.0	3.37	2.65	2.98	3.67
γ 90.0	3.27	2.56	2.87	3.54
γ 91.0	3.17	2.49	2.78	3.44
γ 92.0	3.09	2.41	2.71	3.33
γ 93.0	3.00	2.34	2.64	3.25

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.92	2.29	2.57	3.16
γ 95.0	2.85	2.23	2.50	3.08
γ 96.0	2.77	2.17	2.44	3.00
γ 97.0	2.70	2.12	2.39	2.94
γ 98.0	2.64	2.07	2.34	2.87
γ 99.0	2.58	2.03	2.29	2.80
γ 100.0	2.52	1.99	2.25	2.74
γ 101.0	2.46	1.96	2.20	2.68
γ 102.0	2.42	1.91	2.16	2.63
γ 103.0	2.38	1.89	2.13	2.59
γ 104.0	2.33	1.87	2.11	2.55
γ 105.0	2.30	1.84	2.09	2.50
γ 106.0	2.27	1.83	2.06	2.47
γ 107.0	2.25	1.81	2.05	2.44
γ 108.0	2.23	1.80	2.03	2.42
γ 109.0	2.21	1.80	2.03	2.39
γ 110.0	2.20	1.80	2.03	2.38
γ 111.0	2.19	1.81	2.03	2.38
γ 112.0	2.19	1.82	2.03	2.37
γ 113.0	2.20	1.85	2.05	2.36
γ 114.0	2.21	1.87	2.07	2.37
γ 115.0	2.22	1.89	2.09	2.38
γ 116.0	2.24	1.91	2.11	2.38
γ 117.0	2.27	1.95	2.15	2.41
γ 118.0	2.30	2.00	2.18	2.44
γ 119.0	2.34	2.04	2.22	2.47
γ 120.0	2.38	2.09	2.25	2.50
γ 121.0	2.41	2.14	2.31	2.54
γ 122.0	2.48	2.19	2.36	2.58
γ 123.0	2.52	2.26	2.42	2.63
γ 124.0	2.58	2.32	2.49	2.69
γ 125.0	2.64	2.39	2.55	2.74
γ 126.0	2.71	2.46	2.62	2.81
γ 127.0	2.78	2.54	2.69	2.87
γ 128.0	2.84	2.62	2.77	2.93
γ 129.0	2.91	2.70	2.85	3.00
γ 130.0	2.99	2.78	2.92	3.08
γ 131.0	3.07	2.86	3.01	3.14
γ 132.0	3.15	2.94	3.09	3.22
γ 133.0	3.23	3.03	3.17	3.30
γ 134.0	3.31	3.12	3.26	3.37
γ 135.0	3.39	3.21	3.35	3.46
γ 136.0	3.49	3.31	3.44	3.55
γ 137.0	3.58	3.39	3.54	3.63
γ 138.0	3.67	3.48	3.64	3.72
γ 139.0	3.77	3.58	3.72	3.81
γ 140.0	3.86	3.67	3.83	3.89

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.94	3.77	3.91	3.98
γ 142.0	4.04	3.87	4.02	4.06
γ 143.0	4.13	3.95	4.11	4.15
γ 144.0	4.22	4.05	4.21	4.24
γ 145.0	4.31	4.14	4.30	4.32
γ 146.0	4.39	4.24	4.38	4.41
γ 147.0	4.49	4.33	4.48	4.50
γ 148.0	4.57	4.42	4.57	4.59
γ 149.0	4.66	4.51	4.67	4.67
γ 150.0	4.75	4.60	4.74	4.76
γ 151.0	4.84	4.68	4.83	4.83
γ 152.0	4.92	4.77	4.91	4.92
γ 153.0	4.99	4.85	5.00	4.99
γ 154.0	5.07	4.93	5.08	5.07
γ 155.0	5.15	5.00	5.15	5.14
γ 156.0	5.22	5.09	5.23	5.20
γ 157.0	5.31	5.16	5.30	5.27
γ 158.0	5.37	5.22	5.36	5.34
γ 159.0	5.45	5.31	5.45	5.41
γ 160.0	5.52	5.38	5.51	5.48
γ 161.0	5.59	5.47	5.59	5.55
γ 162.0	5.67	5.55	5.66	5.62
γ 163.0	5.74	5.61	5.73	5.69
γ 164.0	5.82	5.68	5.78	5.74
γ 165.0	5.88	5.75	5.86	5.81
γ 166.0	5.93	5.81	5.92	5.87
γ 167.0	6.00	5.88	5.98	5.93
γ 168.0	6.07	5.93	6.04	5.99
γ 169.0	6.12	5.99	6.11	6.05
γ 170.0	6.18	6.05	6.16	6.09
γ 171.0	6.23	6.10	6.20	6.16
γ 172.0	6.28	6.15	6.25	6.19
γ 173.0	6.34	6.19	6.29	6.23
γ 174.0	6.38	6.23	6.33	6.28
γ 175.0	6.41	6.27	6.36	6.32
γ 176.0	6.44	6.30	6.40	6.35
γ 177.0	6.46	6.32	6.43	6.38
γ 178.0	6.48	6.35	6.45	6.41
γ 179.0	6.49	6.34	6.46	6.42
γ 180.0	6.46	6.46	6.46	6.46