

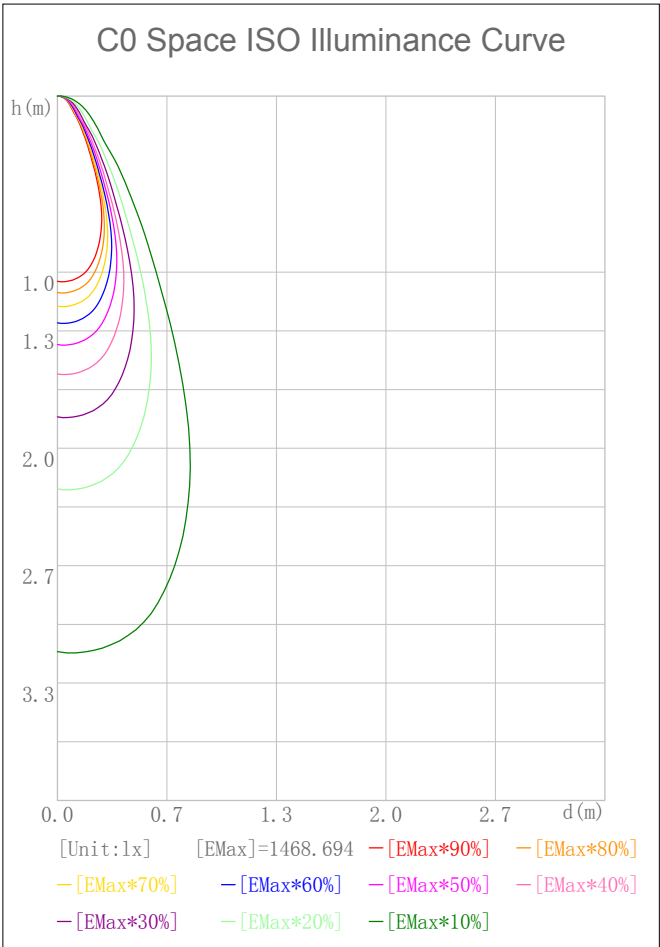
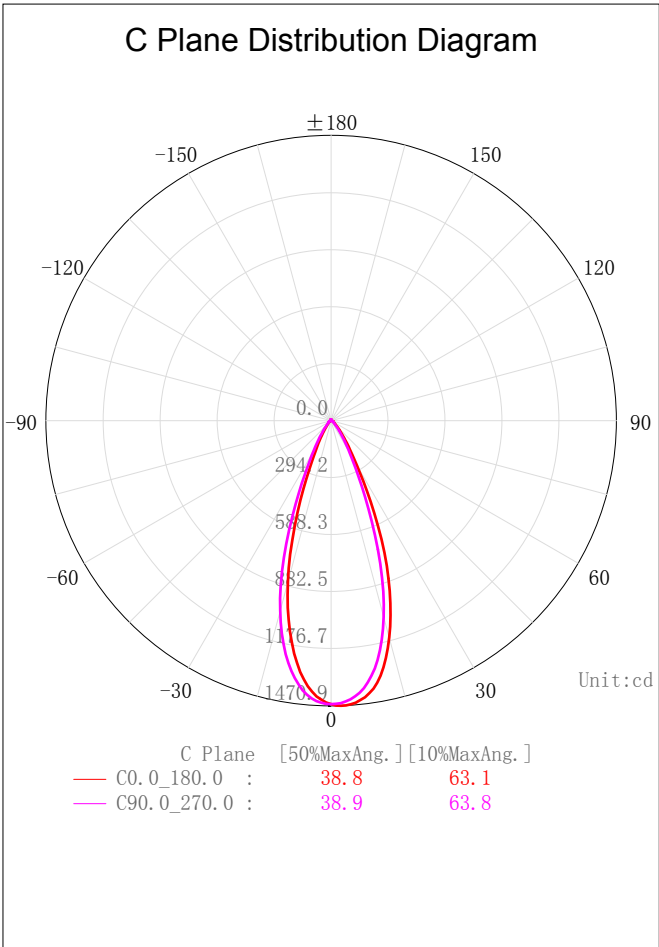
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-09-XX-05 2700K RA90 38D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2020/01/05
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): 0.498m*0.498m*0.750m	Lum. Area (m2): 0.622	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): 729.410	Luminary Flux(lm): 729.407	Field Angle(10%Imax): 63.1(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 711.611lm 97.56%
Rated Voltage(V):	Luminary EER(lm/W): 78.380	Up Lumens&Percent: 17.797lm 2.44%
Tested Power(W): 9.306	Max. Candela(cd): 1470.865	S/MH: C0_a180=0.640 C90_270=0.643
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=2.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf): 240.2, 0.041, 0.929	Beam Angle(50%Imax): 38.8(°)	ErP Φ use(90°): 643.472lm
Lamp Size(W*L*H): 0.498m*0.498m*0.750m	Left=-16.8°, Right=22.0°	IRF(%): 406.909



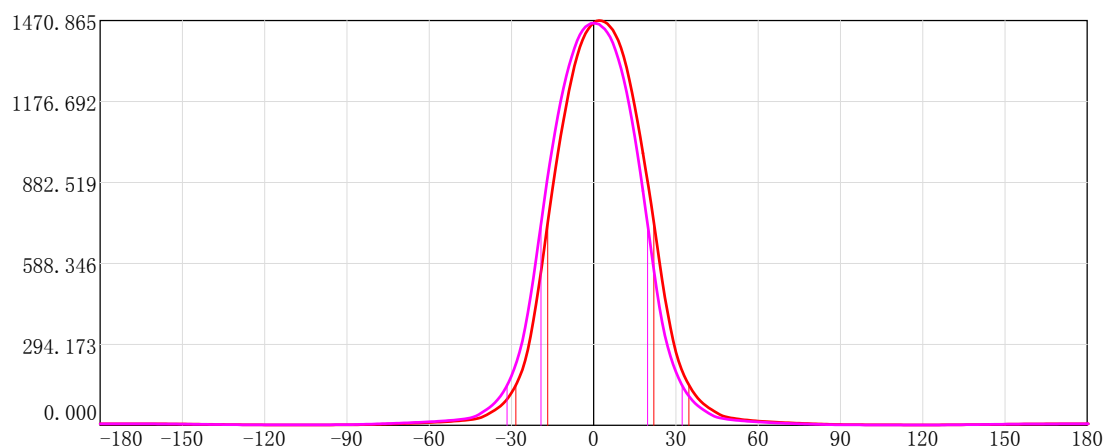
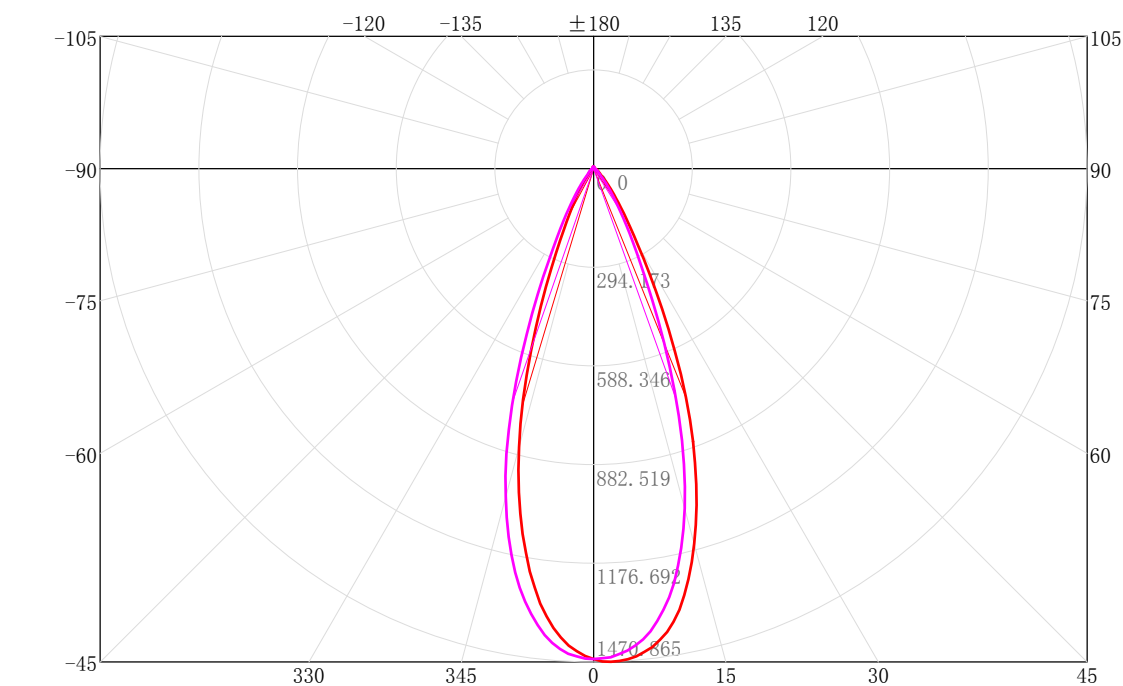
# IES Indoor Report

Photometric Filename:MD10-09-XX-05 2700K RA90 38D.IES

## 2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-09-XX-05 2700K RA90 38D	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: 2020/01/05

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]  
— C0.0\_180.0 : 38.8 63.1  
— C90.0\_270.0 : 38.9 63.8

Unit:cd

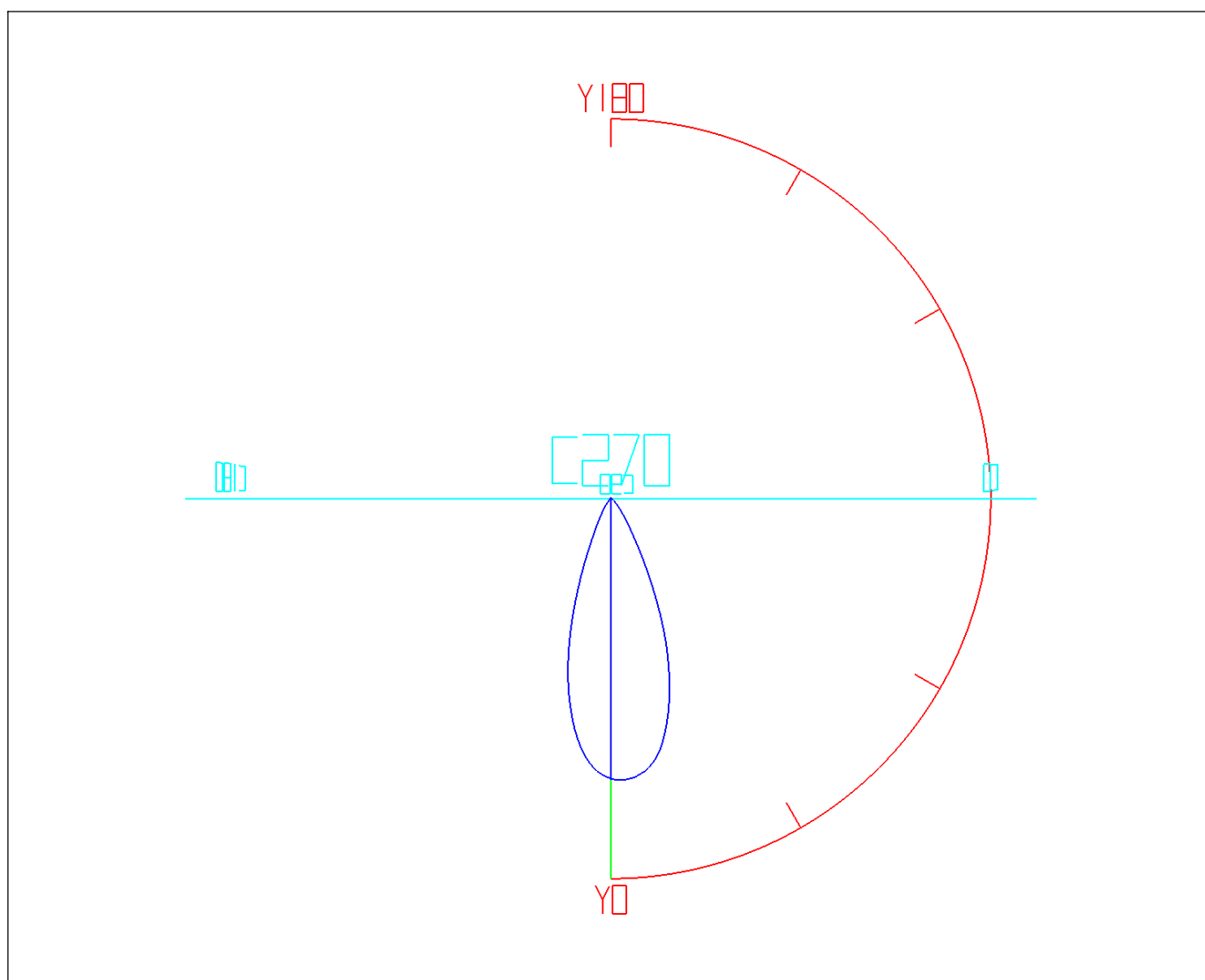
# IES Indoor Report

Photometric Filename:MD10-09-XX-05 2700K RA90 38D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: MD10-09-XX-05 2700K RA90 38D	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: 2020/01/05

## 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

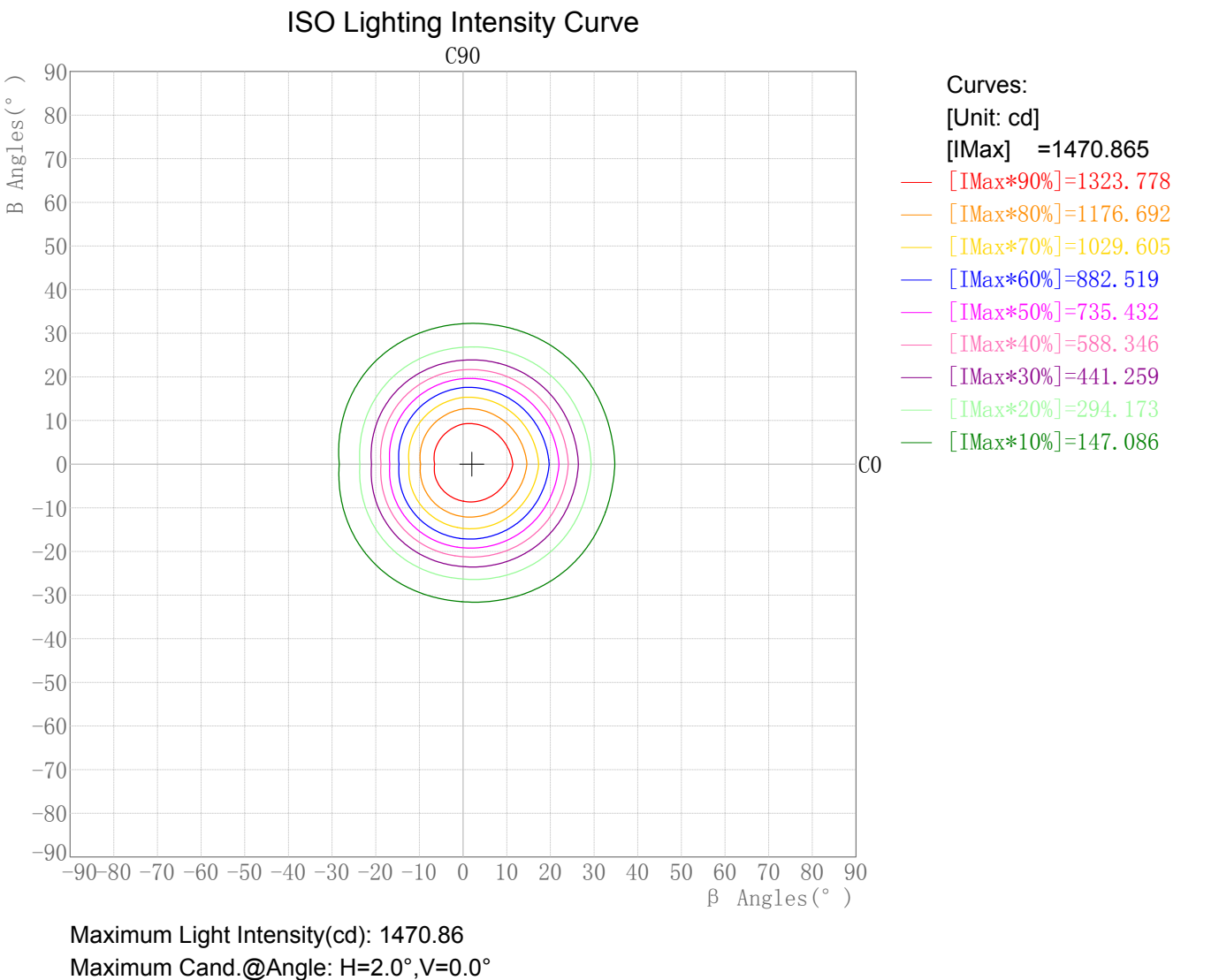
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.40	1.40	0.19	0.19	47.0-48.0	2.01	671.66	0.28	92.08
1.0-2.0	4.19	5.58	0.57	0.77	48.0-49.0	1.91	673.57	0.26	92.34
2.0-3.0	6.94	12.53	0.95	1.72	49.0-50.0	1.83	675.40	0.25	92.60
3.0-4.0	9.65	22.18	1.32	3.04	50.0-51.0	1.75	677.15	0.24	92.84
4.0-5.0	12.28	34.46	1.68	4.72	51.0-52.0	1.69	678.84	0.23	93.07
5.0-6.0	14.82	49.28	2.03	6.76	52.0-53.0	1.62	680.46	0.22	93.29
6.0-7.0	17.23	66.50	2.36	9.12	53.0-54.0	1.56	682.03	0.21	93.50
7.0-8.0	19.47	85.98	2.67	11.79	54.0-55.0	1.51	683.53	0.21	93.71
8.0-9.0	21.54	107.52	2.95	14.74	55.0-56.0	1.45	684.99	0.20	93.91
9.0-10.0	23.42	130.94	3.21	17.95	56.0-57.0	1.40	686.39	0.19	94.10
10.0-11.0	25.06	156.00	3.44	21.39	57.0-58.0	1.35	687.74	0.19	94.29
11.0-12.0	26.43	182.43	3.62	25.01	58.0-59.0	1.31	689.05	0.18	94.47
12.0-13.0	27.51	209.93	3.77	28.78	59.0-60.0	1.27	690.32	0.17	94.64
13.0-14.0	28.31	238.24	3.88	32.66	60.0-61.0	1.23	691.54	0.17	94.81
14.0-15.0	28.80	267.04	3.95	36.61	61.0-62.0	1.19	692.73	0.16	94.97
15.0-16.0	28.99	296.02	3.97	40.58	62.0-63.0	1.15	693.88	0.16	95.13
16.0-17.0	28.86	324.88	3.96	44.54	63.0-64.0	1.11	694.98	0.15	95.28
17.0-18.0	28.37	353.25	3.89	48.43	64.0-65.0	1.07	696.05	0.15	95.43
18.0-19.0	27.55	380.80	3.78	52.21	65.0-66.0	1.03	697.08	0.14	95.57
19.0-20.0	26.44	407.24	3.63	55.83	66.0-67.0	0.99	698.07	0.14	95.70
20.0-21.0	25.10	432.34	3.44	59.27	67.0-68.0	0.95	699.02	0.13	95.83
21.0-22.0	23.53	455.87	3.23	62.50	68.0-69.0	0.91	699.93	0.12	95.96
22.0-23.0	21.81	477.68	2.99	65.49	69.0-70.0	0.87	700.80	0.12	96.08
23.0-24.0	20.01	497.69	2.74	68.23	70.0-71.0	0.84	701.64	0.11	96.19
24.0-25.0	18.21	515.90	2.50	70.73	71.0-72.0	0.80	702.44	0.11	96.30
25.0-26.0	16.49	532.39	2.26	72.99	72.0-73.0	0.77	703.21	0.11	96.41
26.0-27.0	14.90	547.29	2.04	75.03	73.0-74.0	0.73	703.94	0.10	96.51
27.0-28.0	13.47	560.77	1.85	76.88	74.0-75.0	0.70	704.64	0.10	96.60
28.0-29.0	12.17	572.93	1.67	78.55	75.0-76.0	0.67	705.30	0.09	96.70
29.0-30.0	10.97	583.90	1.50	80.05	76.0-77.0	0.63	705.94	0.09	96.78
30.0-31.0	9.90	593.80	1.36	81.41	77.0-78.0	0.60	706.54	0.08	96.86
31.0-32.0	8.94	602.74	1.23	82.63	78.0-79.0	0.57	707.11	0.08	96.94
32.0-33.0	8.09	610.83	1.11	83.74	79.0-80.0	0.54	707.66	0.07	97.02
33.0-34.0	7.33	618.16	1.00	84.75	80.0-81.0	0.51	708.17	0.07	97.09
34.0-35.0	6.65	624.81	0.91	85.66	81.0-82.0	0.48	708.65	0.07	97.15
35.0-36.0	6.03	630.84	0.83	86.49	82.0-83.0	0.46	709.11	0.06	97.22
36.0-37.0	5.46	636.30	0.75	87.23	83.0-84.0	0.43	709.53	0.06	97.28
37.0-38.0	4.96	641.26	0.68	87.92	84.0-85.0	0.40	709.93	0.05	97.33
38.0-39.0	4.51	645.77	0.62	88.53	85.0-86.0	0.37	710.31	0.05	97.38
39.0-40.0	4.10	649.87	0.56	89.10	86.0-87.0	0.35	710.66	0.05	97.43
40.0-41.0	3.71	653.58	0.51	89.60	87.0-88.0	0.33	710.99	0.05	97.48
41.0-42.0	3.36	656.94	0.46	90.06	88.0-89.0	0.32	711.31	0.04	97.52
42.0-43.0	3.03	659.97	0.42	90.48	89.0-90.0	0.30	711.61	0.04	97.56
43.0-44.0	2.74	662.71	0.38	90.86	90.0-91.0	0.29	711.90	0.04	97.60
44.0-45.0	2.50	665.21	0.34	91.20	91.0-92.0	0.28	712.19	0.04	97.64
45.0-46.0	2.30	667.51	0.31	91.51	92.0-93.0	0.28	712.46	0.04	97.68
46.0-47.0	2.14	669.65	0.29	91.81	93.0-94.0	0.27	712.74	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	0.26	713.00	0.04	97.75	141.0-142.0	0.25	722.90	0.03	99.11
95.0-96.0	0.26	713.26	0.04	97.79	142.0-143.0	0.25	723.15	0.03	99.14
96.0-97.0	0.25	713.51	0.03	97.82	143.0-144.0	0.25	723.40	0.03	99.18
97.0-98.0	0.25	713.76	0.03	97.85	144.0-145.0	0.25	723.66	0.03	99.21
98.0-99.0	0.24	714.00	0.03	97.89	145.0-146.0	0.26	723.91	0.04	99.25
99.0-100.0	0.24	714.24	0.03	97.92	146.0-147.0	0.26	724.17	0.04	99.28
100.0-101.0	0.23	714.47	0.03	97.95	147.0-148.0	0.26	724.43	0.04	99.32
101.0-102.0	0.23	714.70	0.03	97.98	148.0-149.0	0.26	724.68	0.04	99.35
102.0-103.0	0.22	714.93	0.03	98.01	149.0-150.0	0.25	724.94	0.03	99.39
103.0-104.0	0.22	715.15	0.03	98.04	150.0-151.0	0.25	725.19	0.03	99.42
104.0-105.0	0.22	715.36	0.03	98.07	151.0-152.0	0.25	725.44	0.03	99.46
105.0-106.0	0.21	715.57	0.03	98.10	152.0-153.0	0.25	725.69	0.03	99.49
106.0-107.0	0.21	715.78	0.03	98.13	153.0-154.0	0.24	725.93	0.03	99.52
107.0-108.0	0.20	715.98	0.03	98.16	154.0-155.0	0.24	726.17	0.03	99.56
108.0-109.0	0.20	716.18	0.03	98.19	155.0-156.0	0.23	726.40	0.03	99.59
109.0-110.0	0.20	716.38	0.03	98.21	156.0-157.0	0.23	726.63	0.03	99.62
110.0-111.0	0.20	716.58	0.03	98.24	157.0-158.0	0.22	726.85	0.03	99.65
111.0-112.0	0.19	716.77	0.03	98.27	158.0-159.0	0.22	727.07	0.03	99.68
112.0-113.0	0.19	716.96	0.03	98.29	159.0-160.0	0.21	727.28	0.03	99.71
113.0-114.0	0.19	717.15	0.03	98.32	160.0-161.0	0.20	727.48	0.03	99.74
114.0-115.0	0.19	717.34	0.03	98.34	161.0-162.0	0.19	727.67	0.03	99.76
115.0-116.0	0.19	717.52	0.03	98.37	162.0-163.0	0.18	727.85	0.03	99.79
116.0-117.0	0.18	717.70	0.03	98.40	163.0-164.0	0.17	728.03	0.02	99.81
117.0-118.0	0.18	717.89	0.03	98.42	164.0-165.0	0.16	728.19	0.02	99.83
118.0-119.0	0.18	718.07	0.03	98.45	165.0-166.0	0.15	728.34	0.02	99.85
119.0-120.0	0.18	718.25	0.03	98.47	166.0-167.0	0.14	728.49	0.02	99.87
120.0-121.0	0.18	718.44	0.03	98.50	167.0-168.0	0.13	728.62	0.02	99.89
121.0-122.0	0.18	718.62	0.03	98.52	168.0-169.0	0.12	728.75	0.02	99.91
122.0-123.0	0.18	718.81	0.03	98.55	169.0-170.0	0.11	728.86	0.02	99.92
123.0-124.0	0.19	718.99	0.03	98.57	170.0-171.0	0.10	728.96	0.01	99.94
124.0-125.0	0.19	719.18	0.03	98.60	171.0-172.0	0.09	729.06	0.01	99.95
125.0-126.0	0.19	719.37	0.03	98.62	172.0-173.0	0.08	729.14	0.01	99.96
126.0-127.0	0.19	719.57	0.03	98.65	173.0-174.0	0.07	729.21	0.01	99.97
127.0-128.0	0.20	719.76	0.03	98.68	174.0-175.0	0.06	729.27	0.01	99.98
128.0-129.0	0.20	719.96	0.03	98.70	175.0-176.0	0.05	729.32	0.01	99.99
129.0-130.0	0.20	720.16	0.03	98.73	176.0-177.0	0.04	729.36	0.01	99.99
130.0-131.0	0.21	720.37	0.03	98.76	177.0-178.0	0.03	729.39	0.00	100.00
131.0-132.0	0.21	720.58	0.03	98.79	178.0-179.0	0.02	729.40	0.00	100.00
132.0-133.0	0.21	720.79	0.03	98.82	179.0-180.0	0.01	729.41	0.00	100.00
133.0-134.0	0.22	721.01	0.03	98.85					
134.0-135.0	0.22	721.23	0.03	98.88					
135.0-136.0	0.23	721.46	0.03	98.91					
136.0-137.0	0.23	721.69	0.03	98.94					
137.0-138.0	0.23	721.93	0.03	98.97					
138.0-139.0	0.24	722.16	0.03	99.01					
139.0-140.0	0.24	722.41	0.03	99.04					
140.0-141.0	0.25	722.65	0.03	99.07					

Rectangle ISO Lighting Intensity Diagram

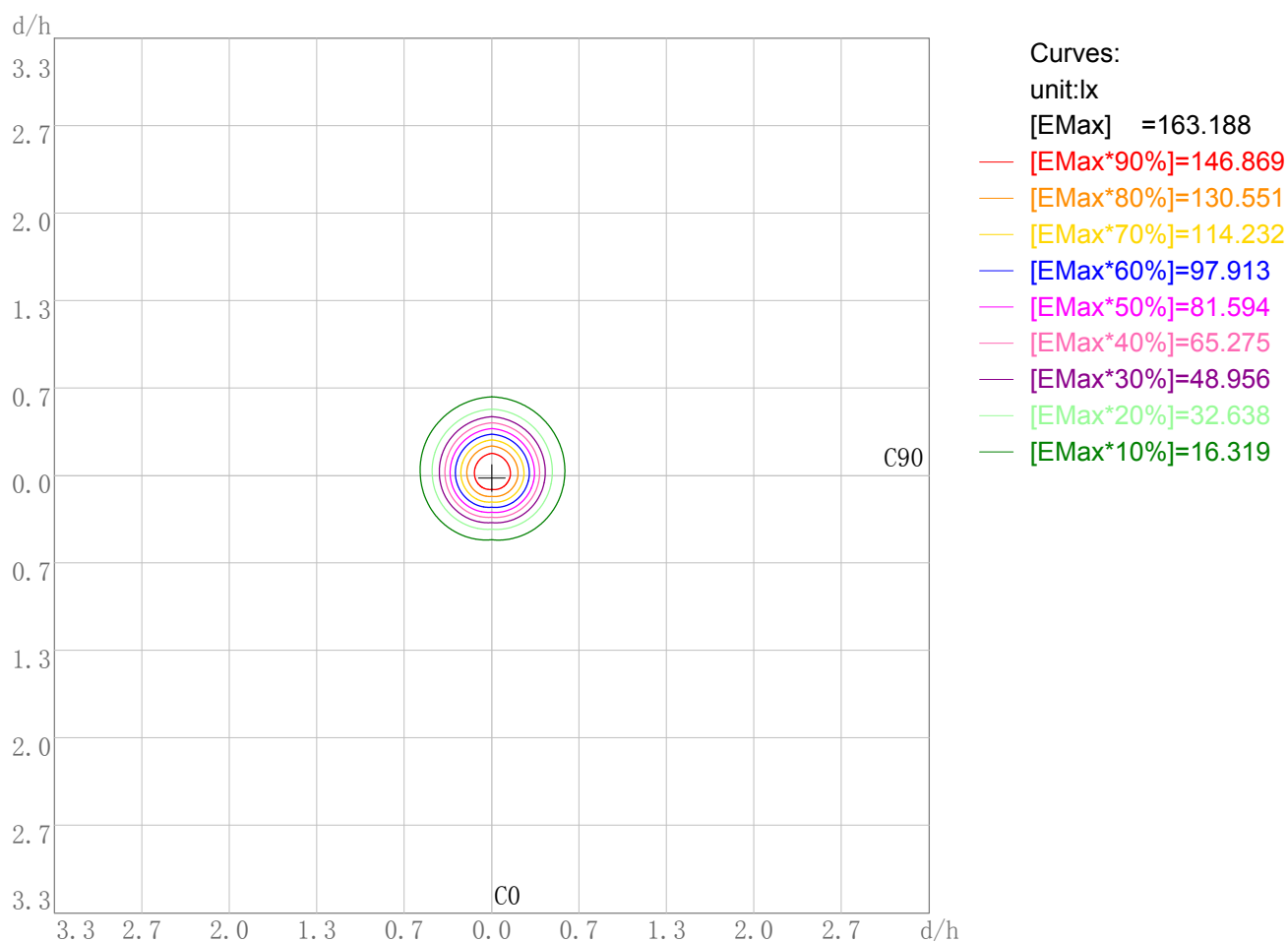
Lum. Name:MD10-09-XX-05 2700K RA90 38D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/01/05



## Plane ISO-Illuminance Diagram

Lum. Name: MD10-09-XX-05 2700K RA90 38D	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: 2020/01/05

## Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

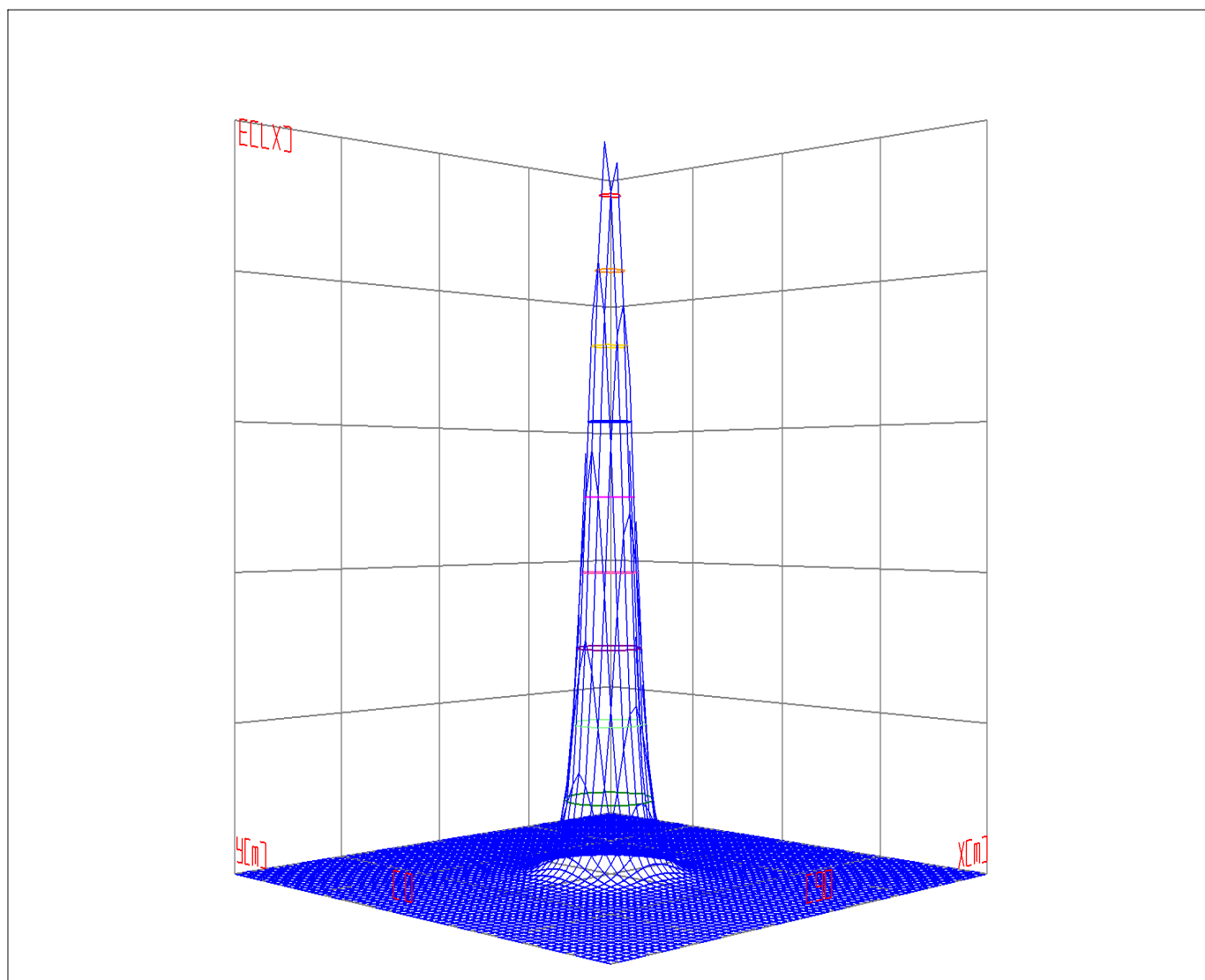
Working Plane Maximum Illuminance(lx): 163.19

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

### 3D Plane ISO Illuminance Diagram

Lum. Name: MD10-09-XX-05 2700K RA90 38D	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: 2020/01/05

### 3D Plane Illuminance Modal



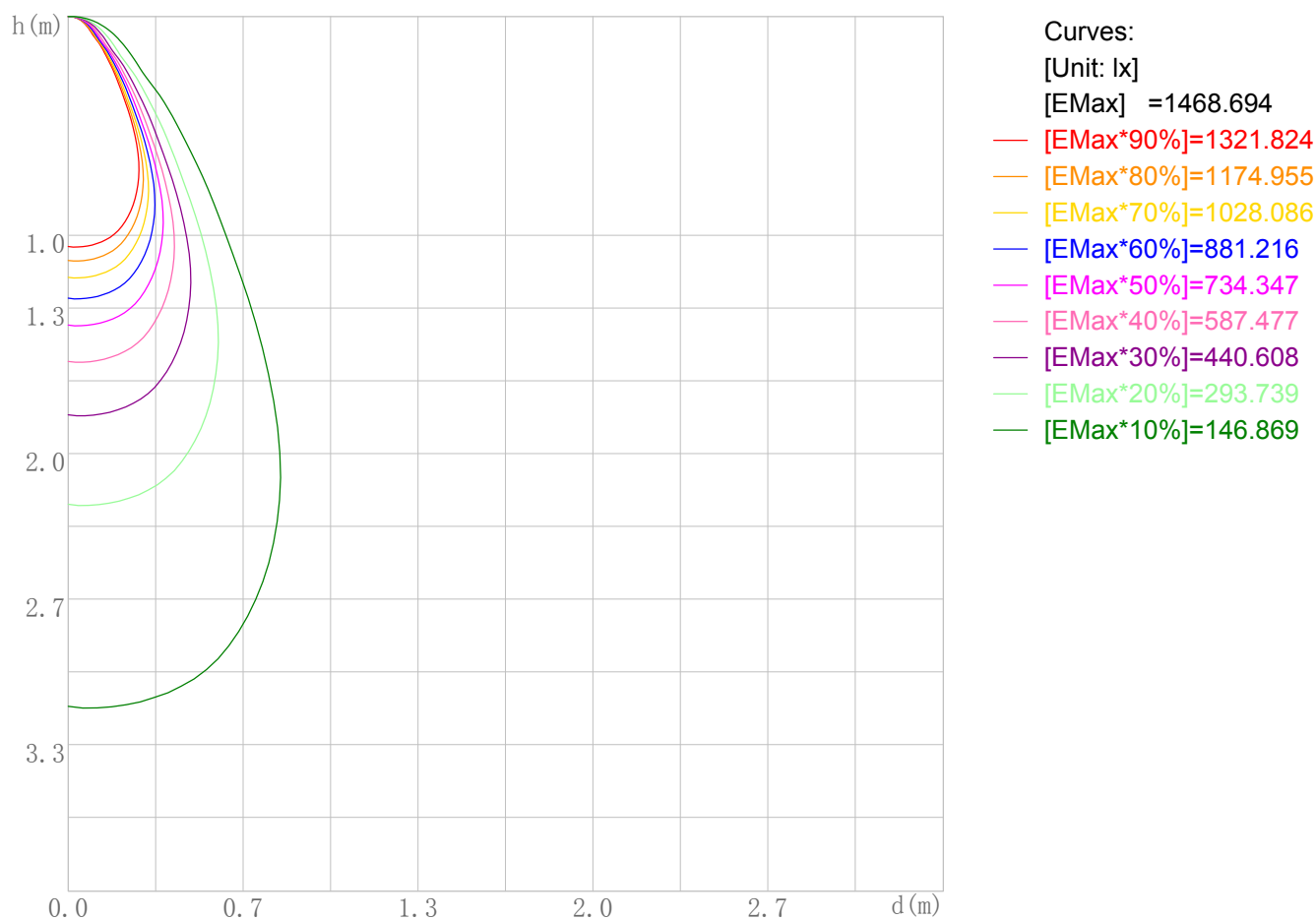
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



## Space ISO Illuminance Diagram

Lum. Name: MD10-09-XX-05 2700K RA90 38D	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: 2020/01/05

## Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1468.69lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:1470.865cd,0deg

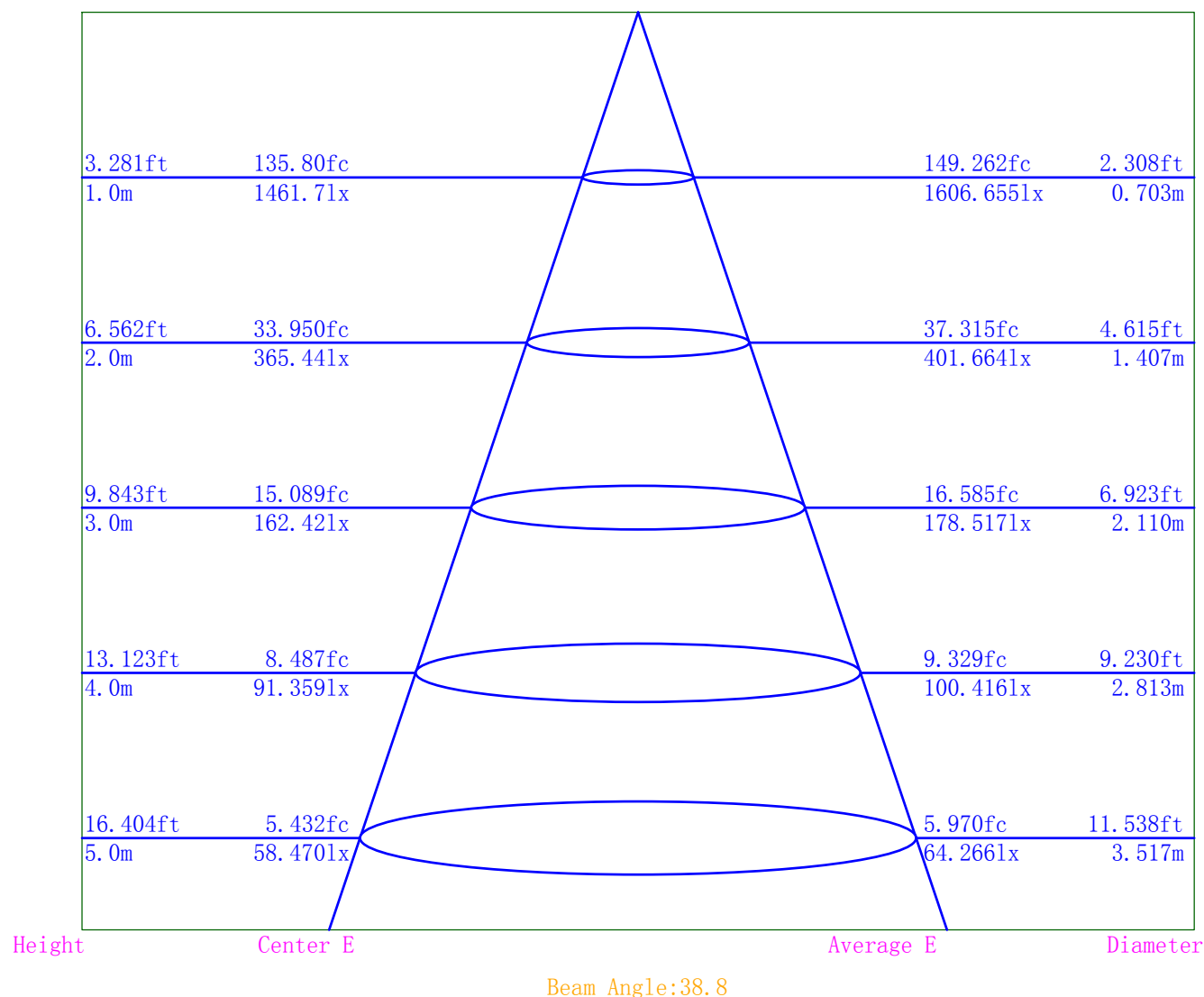
# IES Indoor Report

Photometric Filename:MD10-09-XX-05 2700K RA90 38D.IES

## Illuminance-Distance Diagram

Lum. Name: MD10-09-XX-05 2700K RA90 38D	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: 2020/01/05

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename:MD10-09-XX-05 2700K RA90 38D.IES

## Indoor Luminance Limiting Curves

Lum. Name: MD10-09-XX-05 2700K RA90 38D	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: 2020/01/05

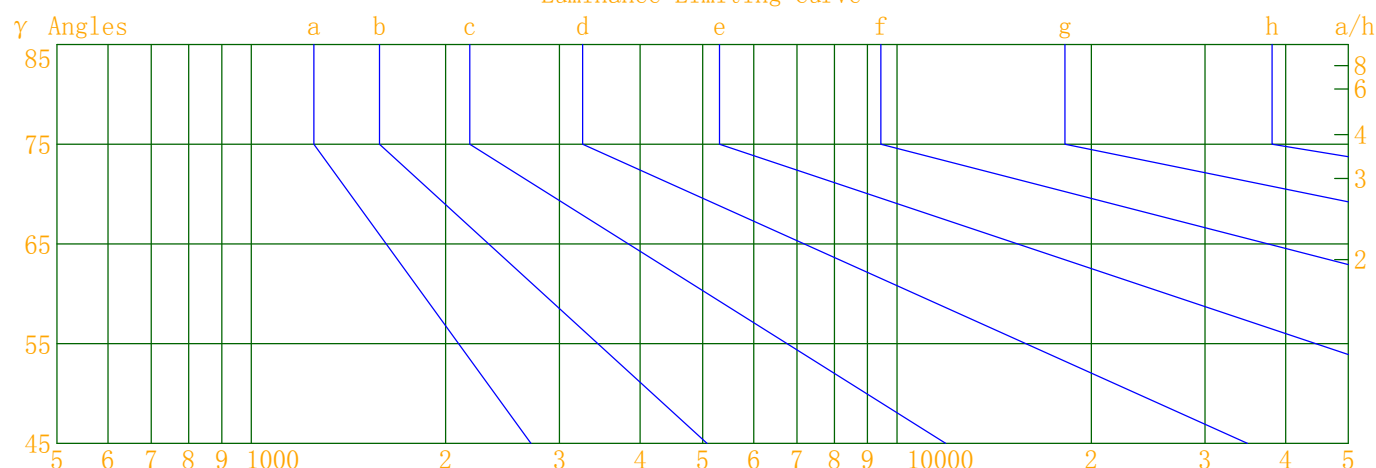
Glare Grade Table

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	103	69	58	51	49	48	49	57	84
C90	67	53	45	41	38	36	37	41	58

Luminance Limiting Curve



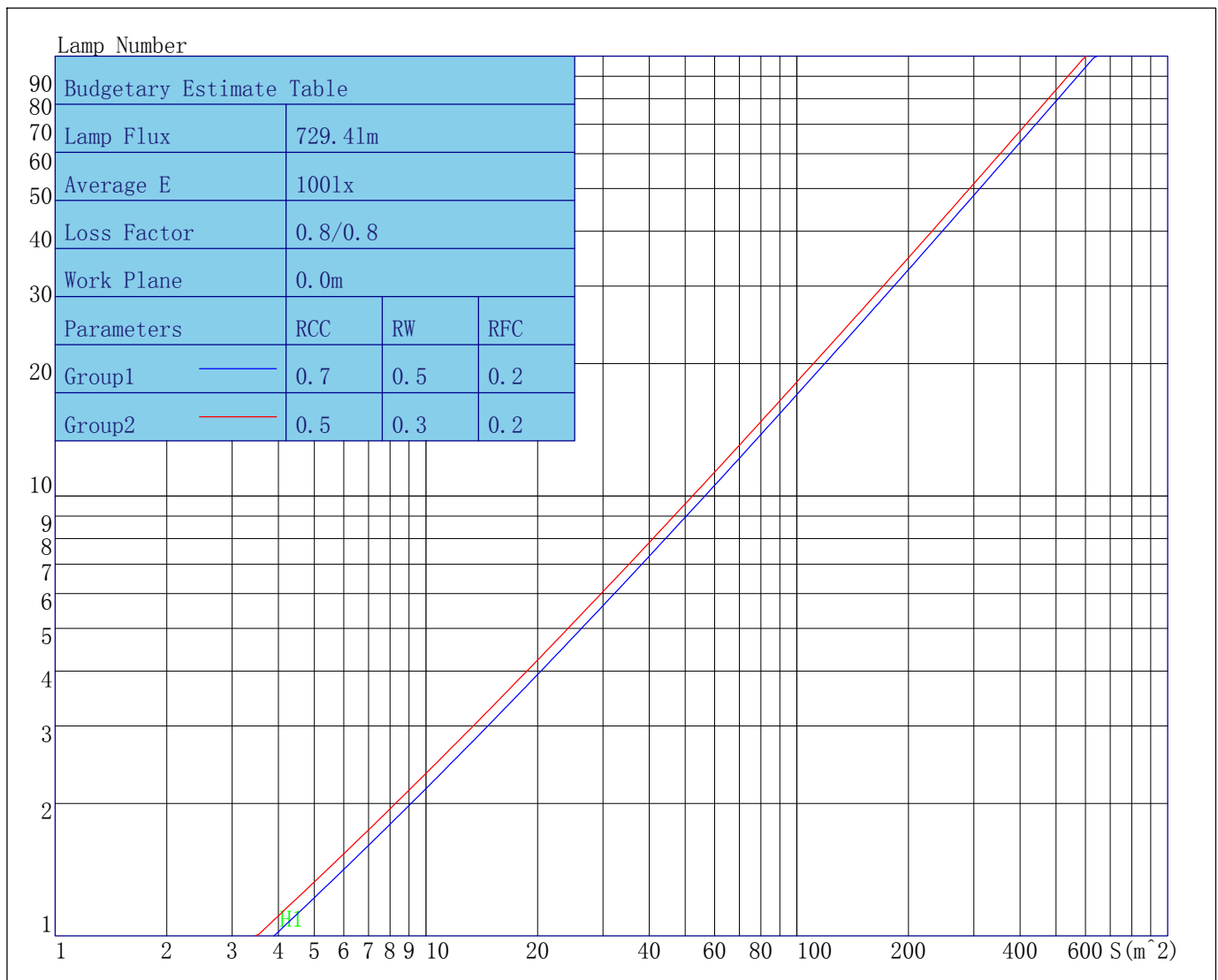
Luminous Size: Length(m)=0.498 Width(m)=0.498 Height(m)=0.750 Area(m^2)=0.621504  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:MD10-09-XX-05 2700K RA90 38D.IES

## Indoor Budgetary Estimate Table

Lum. Name: MD10-09-XX-05 2700K RA90 38D	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: 2020/01/05



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

# IES Indoor Report

Photometric Filename:MD10-09-XX-05 2700K RA90 38D.IES

## Indoor Coefficient of Utilization Table

Lum. Name: MD10-09-XX-05 2700K RA90 38D	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: 2020/01/05

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	108	106	110	108	106	104	103	102	100	99	98	97	95	94	93	91
2	108	103	99	96	105	101	98	95	98	95	92	94	92	90	91	89	88	86
3	103	97	92	88	101	95	91	87	92	89	86	90	87	84	87	85	83	81
4	98	91	86	82	96	90	85	82	88	84	80	85	82	79	83	80	78	77
5	94	86	81	77	92	85	80	77	83	79	76	81	78	75	80	77	74	73
6	90	82	77	73	89	81	76	72	79	75	72	78	74	71	76	73	70	69
7	87	78	73	69	85	77	72	69	76	71	68	75	71	68	73	70	67	66
8	83	75	69	65	82	74	69	65	73	68	65	72	67	64	70	67	64	63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	61	60
10	77	68	63	60	76	68	63	60	67	62	59	66	62	59	65	61	59	58

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.

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	1461.74	1461.74	1461.74	1461.74
γ 1.0	1469.36	1459.86	1453.06	1460.49
γ 2.0	1470.86	1457.64	1439.26	1454.62
γ 3.0	1469.67	1448.96	1423.68	1447.94
γ 4.0	1465.66	1440.08	1400.64	1435.20
γ 5.0	1459.43	1426.70	1374.63	1418.86
γ 6.0	1448.15	1410.83	1341.59	1397.70
γ 7.0	1436.75	1389.52	1306.02	1370.45
γ 8.0	1418.24	1362.03	1261.02	1339.60
γ 9.0	1398.40	1331.07	1215.72	1306.57
γ 10.0	1371.36	1297.17	1162.20	1268.34
γ 11.0	1339.44	1257.23	1109.20	1226.33
γ 12.0	1299.70	1210.17	1050.99	1177.81
γ 13.0	1255.72	1160.64	990.34	1126.41
γ 14.0	1208.52	1106.08	926.04	1071.65
γ 15.0	1158.00	1048.15	859.88	1012.73
γ 16.0	1104.57	985.94	790.68	953.09
γ 17.0	1048.70	920.99	719.56	888.73
γ 18.0	988.97	851.54	645.99	818.78
γ 19.0	927.59	779.65	573.70	746.82
γ 20.0	865.63	706.46	504.21	674.65
γ 21.0	801.87	632.69	439.72	602.62
γ 22.0	733.61	561.21	379.74	532.68
γ 23.0	665.24	492.93	324.06	468.36
γ 24.0	595.26	430.50	275.21	409.28
γ 25.0	527.88	374.96	235.40	355.29
γ 26.0	465.28	326.74	202.45	306.25
γ 27.0	408.15	285.46	176.04	266.21
γ 28.0	355.11	250.98	153.63	232.94
γ 29.0	307.57	220.94	134.58	204.40
γ 30.0	266.37	194.64	117.75	179.11
γ 31.0	233.30	171.43	102.96	157.08
γ 32.0	205.18	150.75	90.11	137.79
γ 33.0	181.62	132.69	79.38	120.83
γ 34.0	160.91	116.65	70.32	106.32
γ 35.0	142.60	102.83	62.66	93.81
γ 36.0	125.84	90.73	55.79	82.77
γ 37.0	111.35	80.52	49.75	73.44
γ 38.0	98.83	71.64	44.02	65.21
γ 39.0	88.32	63.86	38.63	58.05
γ 40.0	79.11	56.88	33.49	51.48
γ 41.0	71.31	50.47	29.22	45.10
γ 42.0	64.21	44.21	26.07	39.13
γ 43.0	57.71	38.12	23.93	33.97
γ 44.0	51.36	33.24	22.31	29.97
γ 45.0	45.14	29.66	20.98	27.29
γ 46.0	39.55	27.15	19.78	25.40

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	35.10	25.31	18.75	23.89
γ 48.0	31.83	23.72	17.80	22.60
γ 49.0	29.55	22.29	16.96	21.45
γ 50.0	27.61	21.02	16.17	20.41
γ 51.0	25.95	19.86	15.45	19.46
γ 52.0	24.40	18.80	14.74	18.62
γ 53.0	23.03	17.83	14.09	17.81
γ 54.0	21.77	16.92	13.47	17.01
γ 55.0	20.62	16.03	12.95	16.23
γ 56.0	19.56	15.21	12.45	15.50
γ 57.0	18.55	14.46	12.02	14.85
γ 58.0	17.58	13.79	11.60	14.24
γ 59.0	16.69	13.18	11.17	13.70
γ 60.0	15.91	12.62	10.72	13.23
γ 61.0	15.15	12.11	10.26	12.77
γ 62.0	14.49	11.57	9.81	12.29
γ 63.0	13.94	11.05	9.39	11.79
γ 64.0	13.39	10.50	8.98	11.28
γ 65.0	12.84	9.96	8.57	10.80
γ 66.0	12.25	9.47	8.19	10.35
γ 67.0	11.67	9.00	7.81	9.89
γ 68.0	11.13	8.55	7.42	9.46
γ 69.0	10.60	8.13	7.07	9.04
γ 70.0	10.11	7.72	6.73	8.64
γ 71.0	9.62	7.33	6.39	8.26
γ 72.0	9.18	6.95	6.07	7.88
γ 73.0	8.73	6.58	5.76	7.51
γ 74.0	8.31	6.25	5.44	7.15
γ 75.0	7.91	5.92	5.14	6.80
γ 76.0	7.51	5.60	4.85	6.46
γ 77.0	7.14	5.28	4.57	6.15
γ 78.0	6.77	4.99	4.30	5.85
γ 79.0	6.43	4.71	4.03	5.54
γ 80.0	6.10	4.43	3.77	5.23
γ 81.0	5.79	4.15	3.51	4.94
γ 82.0	5.47	3.89	3.27	4.65
γ 83.0	5.16	3.64	3.04	4.38
γ 84.0	4.86	3.39	2.81	4.10
γ 85.0	4.56	3.14	2.62	3.84
γ 86.0	4.29	2.91	2.48	3.59
γ 87.0	4.01	2.70	2.41	3.35
γ 88.0	3.75	2.52	2.34	3.16
γ 89.0	3.49	2.42	2.29	3.04
γ 90.0	3.26	2.36	2.23	2.96
γ 91.0	3.11	2.30	2.20	2.89
γ 92.0	3.02	2.25	2.14	2.82
γ 93.0	2.95	2.21	2.11	2.75



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.88	2.16	2.06	2.69
γ 95.0	2.81	2.12	2.03	2.63
γ 96.0	2.75	2.08	2.00	2.57
γ 97.0	2.69	2.04	1.96	2.51
γ 98.0	2.63	2.00	1.94	2.48
γ 99.0	2.58	1.97	1.91	2.42
γ 100.0	2.54	1.92	1.89	2.38
γ 101.0	2.47	1.89	1.86	2.33
γ 102.0	2.43	1.86	1.83	2.31
γ 103.0	2.38	1.83	1.82	2.26
γ 104.0	2.33	1.80	1.81	2.23
γ 105.0	2.29	1.78	1.79	2.21
γ 106.0	2.25	1.75	1.78	2.17
γ 107.0	2.21	1.72	1.77	2.15
γ 108.0	2.18	1.70	1.77	2.13
γ 109.0	2.14	1.68	1.76	2.11
γ 110.0	2.12	1.66	1.76	2.09
γ 111.0	2.08	1.65	1.77	2.09
γ 112.0	2.04	1.64	1.77	2.07
γ 113.0	2.02	1.63	1.78	2.06
γ 114.0	2.00	1.63	1.80	2.05
γ 115.0	1.97	1.62	1.82	2.06
γ 116.0	1.96	1.63	1.83	2.06
γ 117.0	1.94	1.64	1.88	2.07
γ 118.0	1.93	1.64	1.90	2.08
γ 119.0	1.93	1.66	1.94	2.10
γ 120.0	1.92	1.67	1.99	2.13
γ 121.0	1.92	1.70	2.04	2.15
γ 122.0	1.93	1.72	2.09	2.18
γ 123.0	1.94	1.76	2.15	2.22
γ 124.0	1.96	1.80	2.22	2.28
γ 125.0	1.98	1.85	2.29	2.32
γ 126.0	2.02	1.90	2.37	2.37
γ 127.0	2.05	1.95	2.44	2.43
γ 128.0	2.09	2.02	2.53	2.50
γ 129.0	2.14	2.09	2.62	2.57
γ 130.0	2.19	2.17	2.73	2.65
γ 131.0	2.25	2.24	2.83	2.74
γ 132.0	2.32	2.33	2.92	2.82
γ 133.0	2.39	2.42	3.05	2.92
γ 134.0	2.47	2.52	3.16	3.02
γ 135.0	2.56	2.63	3.28	3.11
γ 136.0	2.64	2.74	3.40	3.22
γ 137.0	2.74	2.84	3.52	3.32
γ 138.0	2.85	2.96	3.65	3.45
γ 139.0	2.95	3.08	3.78	3.56
γ 140.0	3.06	3.19	3.89	3.68

# IES Indoor Report

Photometric Filename:MD10-09-XX-05 2700K RA90 38D.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.18	3.31	4.03	3.79
γ 142.0	3.29	3.44	4.15	3.90
γ 143.0	3.41	3.56	4.27	4.02
γ 144.0	3.54	3.67	4.39	4.13
γ 145.0	3.67	3.79	4.51	4.25
γ 146.0	3.79	3.92	4.63	4.36
γ 147.0	3.91	4.04	4.75	4.48
γ 148.0	4.03	4.16	4.86	4.59
γ 149.0	4.15	4.27	4.97	4.70
γ 150.0	4.26	4.38	5.06	4.80
γ 151.0	4.39	4.48	5.16	4.90
γ 152.0	4.50	4.59	5.26	5.00
γ 153.0	4.62	4.69	5.34	5.08
γ 154.0	4.72	4.79	5.40	5.18
γ 155.0	4.82	4.89	5.48	5.24
γ 156.0	4.93	4.97	5.55	5.31
γ 157.0	5.02	5.04	5.61	5.39
γ 158.0	5.12	5.12	5.66	5.45
γ 159.0	5.19	5.18	5.69	5.50
γ 160.0	5.28	5.24	5.73	5.55
γ 161.0	5.35	5.30	5.74	5.58
γ 162.0	5.40	5.34	5.76	5.62
γ 163.0	5.46	5.38	5.76	5.63
γ 164.0	5.50	5.41	5.77	5.64
γ 165.0	5.55	5.45	5.78	5.65
γ 166.0	5.58	5.47	5.78	5.66
γ 167.0	5.60	5.48	5.80	5.67
γ 168.0	5.63	5.51	5.80	5.68
γ 169.0	5.65	5.52	5.80	5.68
γ 170.0	5.68	5.54	5.81	5.70
γ 171.0	5.70	5.55	5.82	5.70
γ 172.0	5.73	5.58	5.84	5.71
γ 173.0	5.74	5.60	5.85	5.73
γ 174.0	5.77	5.62	5.86	5.73
γ 175.0	5.79	5.65	5.87	5.76
γ 176.0	5.81	5.67	5.87	5.78
γ 177.0	5.83	5.70	5.89	5.80
γ 178.0	5.86	5.72	5.90	5.80
γ 179.0	5.87	5.74	5.89	5.81
γ 180.0	5.87	5.87	5.87	5.87