

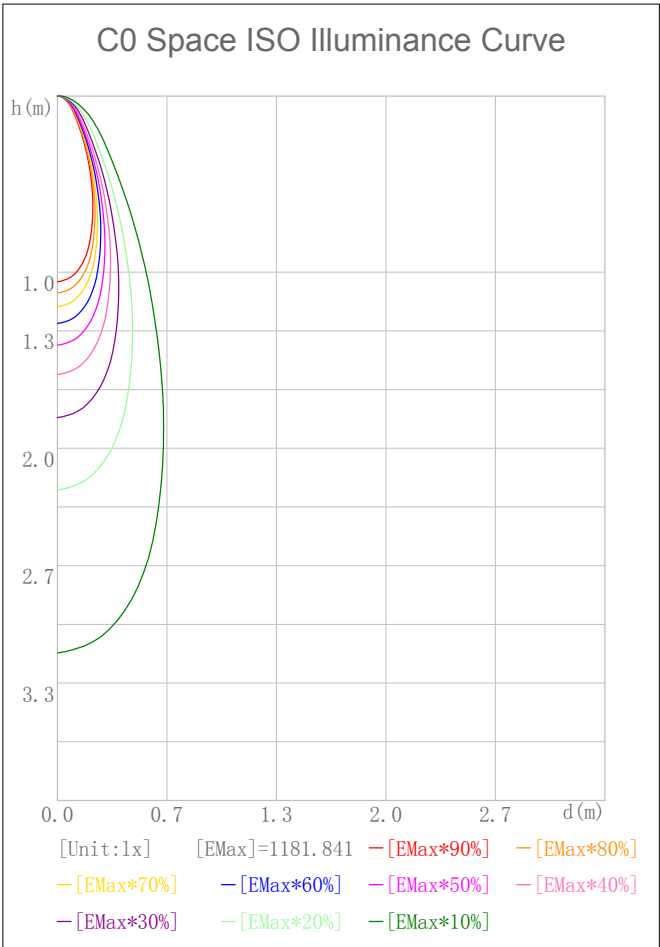
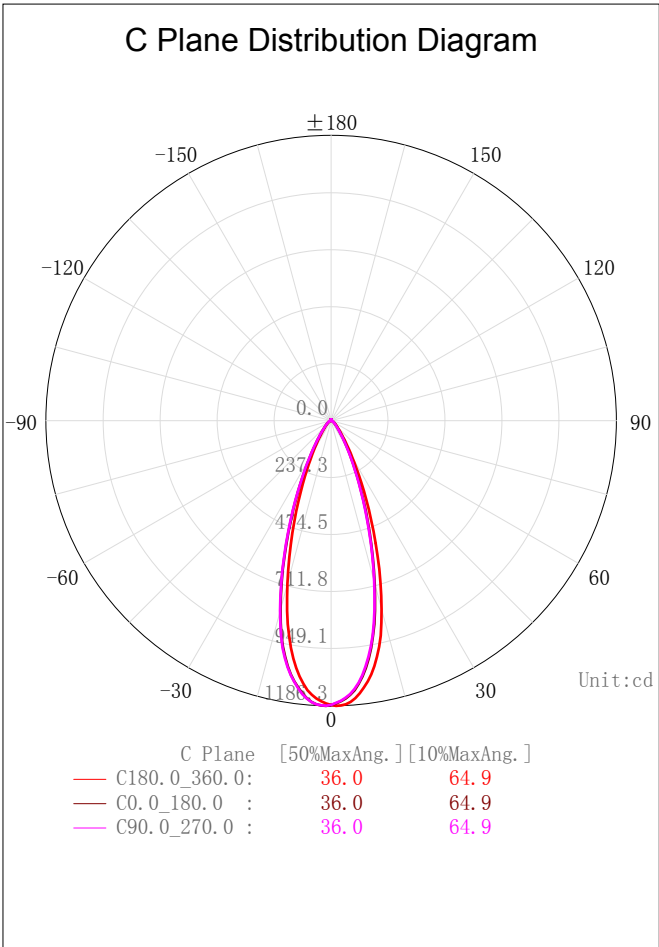
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-06-XX-01 4000K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/11/16
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*0.450m	Lum. Area (m2):0.025	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity(%): 50.0

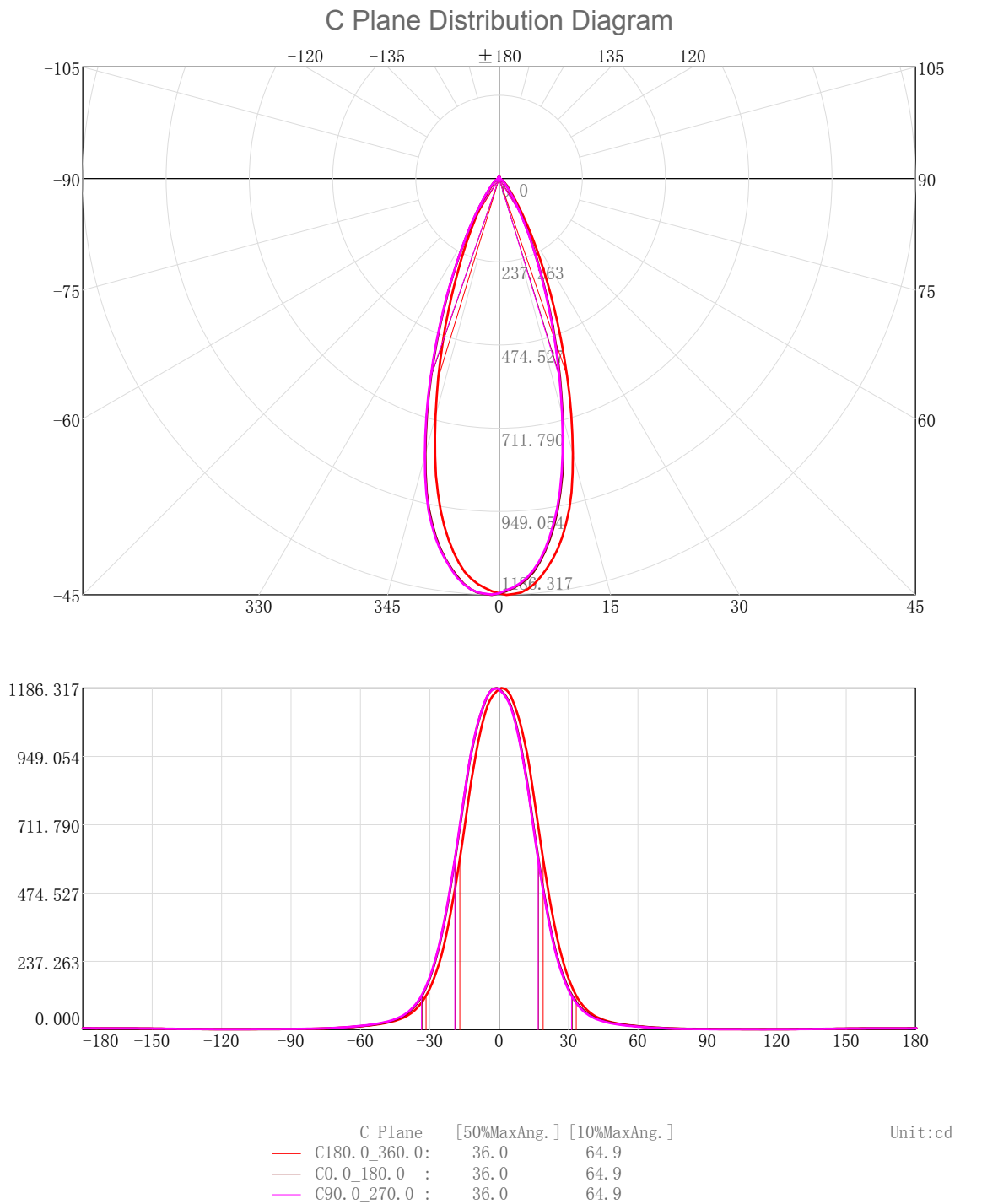
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 577.260	Luminary Flux(lm): 577.262	Field Angle(10%Imax): 64.9(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 561.015lm 97.19%
Rated Voltage(V):	Luminary EER(lm/W): 105.629	Up Lumens&Percent: 16.247lm 2.81%
Tested Power(W): 5.465	Max. Candela(cd): 1186.317	S/MH: C0_a180=0.595 C90_270=0.594
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.4, 0.026, 0.866	Beam Angle(50%Imax): 36.0(°)	ErP Φ use(90°): 516.835lm
Lamp Size(W*L*H):0.050m*0.050m*0.450m	Left=-17.0°, Right=19.0°	IRF(%): 482.376



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-06-XX-01 4000K RA90 36D	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: 2019/11/16



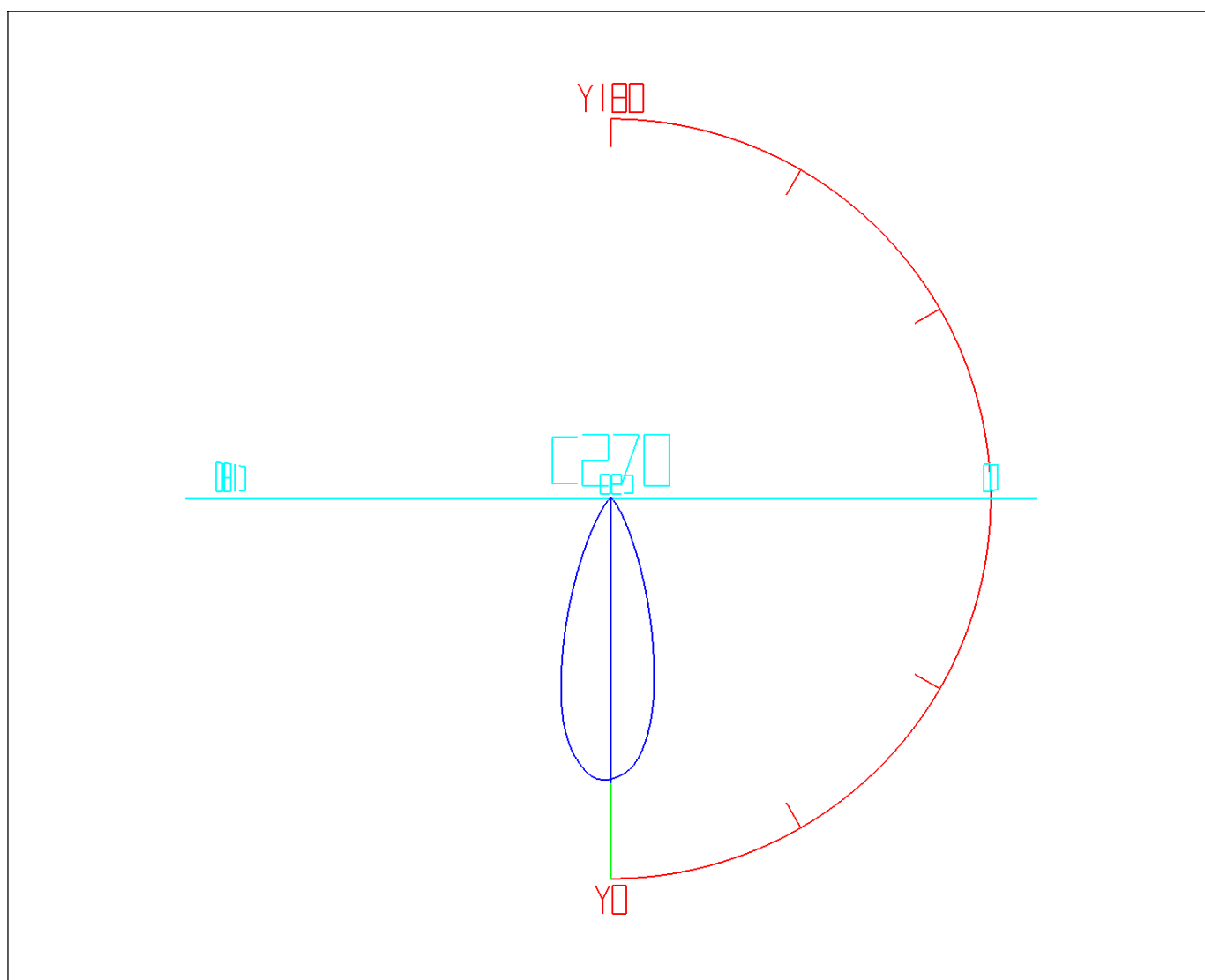
# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 36D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: MD10-06-XX-01 4000K RA90 36D	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: 2019/11/16

## 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

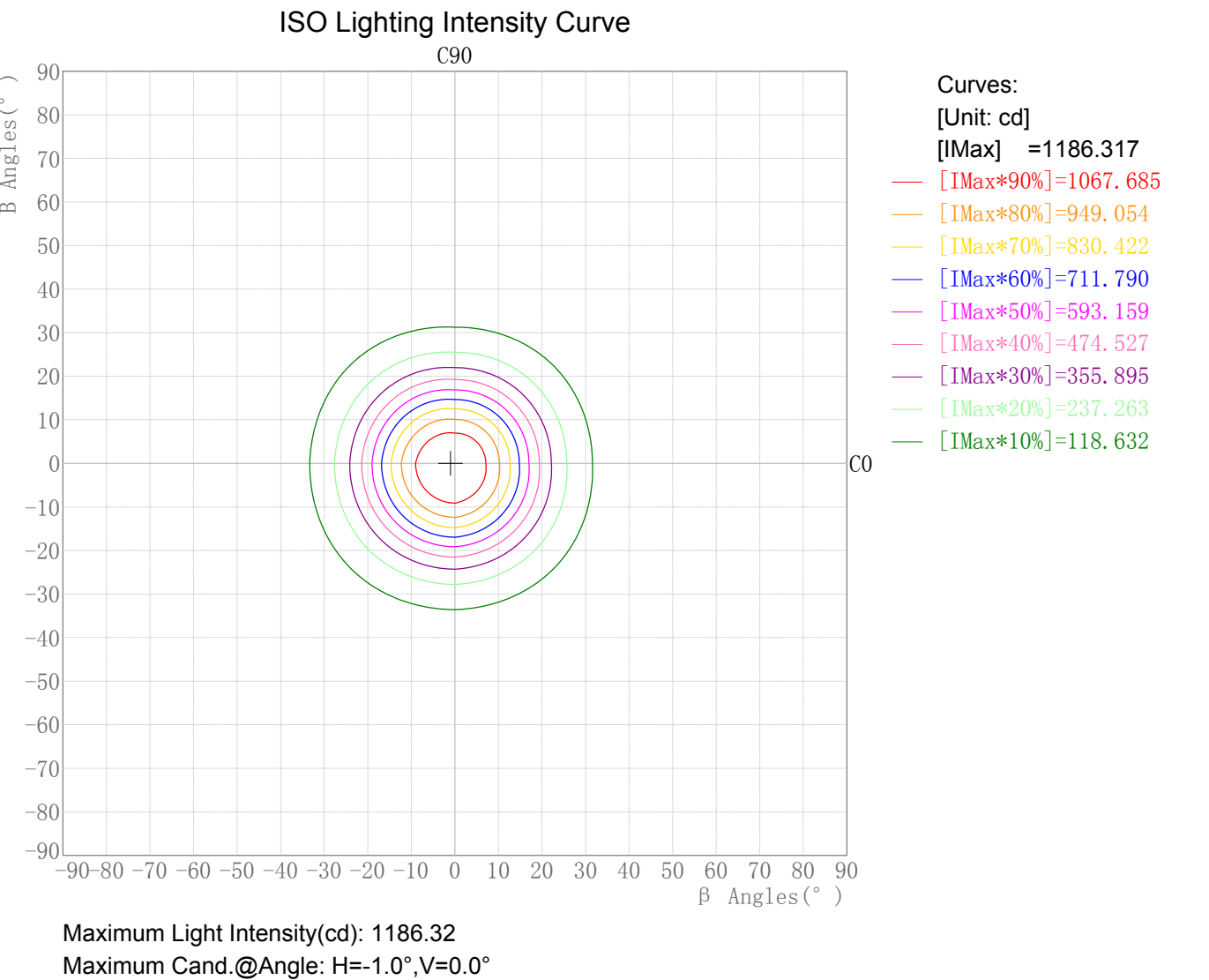
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.13	1.13	0.20	0.20	47.0-48.0	2.20	525.20	0.38	90.98
1.0-2.0	3.38	4.51	0.59	0.78	48.0-49.0	2.07	527.27	0.36	91.34
2.0-3.0	5.60	10.12	0.97	1.75	49.0-50.0	1.96	529.24	0.34	91.68
3.0-4.0	7.78	17.90	1.35	3.10	50.0-51.0	1.86	531.10	0.32	92.00
4.0-5.0	9.88	27.78	1.71	4.81	51.0-52.0	1.77	532.87	0.31	92.31
5.0-6.0	11.88	39.66	2.06	6.87	52.0-53.0	1.68	534.55	0.29	92.60
6.0-7.0	13.74	53.41	2.38	9.25	53.0-54.0	1.60	536.14	0.28	92.88
7.0-8.0	15.46	68.86	2.68	11.93	54.0-55.0	1.52	537.66	0.26	93.14
8.0-9.0	17.01	85.87	2.95	14.88	55.0-56.0	1.45	539.11	0.25	93.39
9.0-10.0	18.38	104.26	3.18	18.06	56.0-57.0	1.38	540.48	0.24	93.63
10.0-11.0	19.53	123.78	3.38	21.44	57.0-58.0	1.31	541.79	0.23	93.86
11.0-12.0	20.44	144.22	3.54	24.98	58.0-59.0	1.24	543.04	0.22	94.07
12.0-13.0	21.08	165.30	3.65	28.64	59.0-60.0	1.18	544.22	0.20	94.28
13.0-14.0	21.43	186.73	3.71	32.35	60.0-61.0	1.12	545.34	0.19	94.47
14.0-15.0	21.49	208.22	3.72	36.07	61.0-62.0	1.06	546.40	0.18	94.65
15.0-16.0	21.34	229.56	3.70	39.77	62.0-63.0	1.00	547.40	0.17	94.83
16.0-17.0	21.00	250.56	3.64	43.40	63.0-64.0	0.95	548.35	0.16	94.99
17.0-18.0	20.49	271.04	3.55	46.95	64.0-65.0	0.90	549.25	0.16	95.15
18.0-19.0	19.80	290.85	3.43	50.38	65.0-66.0	0.84	550.09	0.15	95.29
19.0-20.0	19.00	309.84	3.29	53.67	66.0-67.0	0.79	550.89	0.14	95.43
20.0-21.0	18.09	327.93	3.13	56.81	67.0-68.0	0.75	551.64	0.13	95.56
21.0-22.0	17.10	345.03	2.96	59.77	68.0-69.0	0.70	552.34	0.12	95.68
22.0-23.0	16.06	361.10	2.78	62.55	69.0-70.0	0.67	553.01	0.12	95.80
23.0-24.0	15.01	376.11	2.60	65.15	70.0-71.0	0.63	553.63	0.11	95.91
24.0-25.0	13.97	390.08	2.42	67.57	71.0-72.0	0.59	554.22	0.10	96.01
25.0-26.0	12.93	403.01	2.24	69.81	72.0-73.0	0.55	554.78	0.10	96.11
26.0-27.0	11.93	414.93	2.07	71.88	73.0-74.0	0.52	555.30	0.09	96.20
27.0-28.0	10.97	425.91	1.90	73.78	74.0-75.0	0.49	555.79	0.08	96.28
28.0-29.0	10.06	435.97	1.74	75.52	75.0-76.0	0.46	556.24	0.08	96.36
29.0-30.0	9.22	445.19	1.60	77.12	76.0-77.0	0.43	556.67	0.07	96.43
30.0-31.0	8.43	453.62	1.46	78.58	77.0-78.0	0.41	557.08	0.07	96.50
31.0-32.0	7.70	461.31	1.33	79.91	78.0-79.0	0.39	557.46	0.07	96.57
32.0-33.0	7.02	468.33	1.22	81.13	79.0-80.0	0.37	557.84	0.06	96.64
33.0-34.0	6.39	474.72	1.11	82.24	80.0-81.0	0.36	558.20	0.06	96.70
34.0-35.0	5.81	480.53	1.01	83.24	81.0-82.0	0.35	558.55	0.06	96.76
35.0-36.0	5.30	485.84	0.92	84.16	82.0-83.0	0.34	558.90	0.06	96.82
36.0-37.0	4.86	490.69	0.84	85.00	83.0-84.0	0.33	559.23	0.06	96.88
37.0-38.0	4.46	495.15	0.77	85.78	84.0-85.0	0.32	559.55	0.06	96.93
38.0-39.0	4.10	499.25	0.71	86.49	85.0-86.0	0.31	559.86	0.05	96.99
39.0-40.0	3.78	503.02	0.65	87.14	86.0-87.0	0.30	560.16	0.05	97.04
40.0-41.0	3.49	506.51	0.60	87.74	87.0-88.0	0.29	560.46	0.05	97.09
41.0-42.0	3.23	509.74	0.56	88.30	88.0-89.0	0.28	560.74	0.05	97.14
42.0-43.0	3.01	512.75	0.52	88.82	89.0-90.0	0.28	561.01	0.05	97.19
43.0-44.0	2.81	515.56	0.49	89.31	90.0-91.0	0.27	561.28	0.05	97.23
44.0-45.0	2.63	518.19	0.46	89.77	91.0-92.0	0.26	561.55	0.05	97.28
45.0-46.0	2.48	520.67	0.43	90.20	92.0-93.0	0.26	561.81	0.04	97.32
46.0-47.0	2.33	523.00	0.40	90.60	93.0-94.0	0.25	562.06	0.04	97.37

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	0.25	562.31	0.04	97.41	141.0-142.0	0.22	571.68	0.04	99.03
95.0-96.0	0.24	562.55	0.04	97.45	142.0-143.0	0.22	571.90	0.04	99.07
96.0-97.0	0.24	562.79	0.04	97.49	143.0-144.0	0.22	572.12	0.04	99.11
97.0-98.0	0.23	563.03	0.04	97.53	144.0-145.0	0.22	572.35	0.04	99.15
98.0-99.0	0.23	563.26	0.04	97.57	145.0-146.0	0.22	572.57	0.04	99.19
99.0-100.0	0.23	563.48	0.04	97.61	146.0-147.0	0.22	572.79	0.04	99.23
100.0-101.0	0.22	563.70	0.04	97.65	147.0-148.0	0.22	573.01	0.04	99.26
101.0-102.0	0.22	563.92	0.04	97.69	148.0-149.0	0.22	573.23	0.04	99.30
102.0-103.0	0.21	564.14	0.04	97.73	149.0-150.0	0.22	573.45	0.04	99.34
103.0-104.0	0.21	564.35	0.04	97.76	150.0-151.0	0.22	573.67	0.04	99.38
104.0-105.0	0.21	564.55	0.04	97.80	151.0-152.0	0.22	573.89	0.04	99.42
105.0-106.0	0.20	564.76	0.04	97.83	152.0-153.0	0.21	574.10	0.04	99.45
106.0-107.0	0.20	564.96	0.03	97.87	153.0-154.0	0.21	574.31	0.04	99.49
107.0-108.0	0.20	565.16	0.03	97.90	154.0-155.0	0.20	574.51	0.04	99.52
108.0-109.0	0.20	565.35	0.03	97.94	155.0-156.0	0.20	574.71	0.03	99.56
109.0-110.0	0.19	565.55	0.03	97.97	156.0-157.0	0.19	574.91	0.03	99.59
110.0-111.0	0.19	565.74	0.03	98.00	157.0-158.0	0.19	575.10	0.03	99.63
111.0-112.0	0.19	565.93	0.03	98.04	158.0-159.0	0.18	575.28	0.03	99.66
112.0-113.0	0.19	566.11	0.03	98.07	159.0-160.0	0.18	575.46	0.03	99.69
113.0-114.0	0.19	566.30	0.03	98.10	160.0-161.0	0.17	575.63	0.03	99.72
114.0-115.0	0.18	566.48	0.03	98.13	161.0-162.0	0.16	575.79	0.03	99.74
115.0-116.0	0.18	566.66	0.03	98.16	162.0-163.0	0.16	575.94	0.03	99.77
116.0-117.0	0.18	566.85	0.03	98.20	163.0-164.0	0.15	576.09	0.03	99.80
117.0-118.0	0.18	567.03	0.03	98.23	164.0-165.0	0.14	576.23	0.02	99.82
118.0-119.0	0.18	567.21	0.03	98.26	165.0-166.0	0.13	576.36	0.02	99.84
119.0-120.0	0.18	567.38	0.03	98.29	166.0-167.0	0.12	576.48	0.02	99.87
120.0-121.0	0.18	567.56	0.03	98.32	167.0-168.0	0.11	576.60	0.02	99.88
121.0-122.0	0.18	567.74	0.03	98.35	168.0-169.0	0.11	576.70	0.02	99.90
122.0-123.0	0.18	567.92	0.03	98.38	169.0-170.0	0.10	576.80	0.02	99.92
123.0-124.0	0.18	568.10	0.03	98.41	170.0-171.0	0.09	576.88	0.02	99.93
124.0-125.0	0.18	568.28	0.03	98.44	171.0-172.0	0.08	576.96	0.01	99.95
125.0-126.0	0.18	568.46	0.03	98.48	172.0-173.0	0.07	577.03	0.01	99.96
126.0-127.0	0.18	568.65	0.03	98.51	173.0-174.0	0.06	577.09	0.01	99.97
127.0-128.0	0.19	568.83	0.03	98.54	174.0-175.0	0.05	577.14	0.01	99.98
128.0-129.0	0.19	569.02	0.03	98.57	175.0-176.0	0.04	577.19	0.01	99.99
129.0-130.0	0.19	569.21	0.03	98.61	176.0-177.0	0.03	577.22	0.01	99.99
130.0-131.0	0.19	569.40	0.03	98.64	177.0-178.0	0.02	577.24	0.00	100.00
131.0-132.0	0.19	569.59	0.03	98.67	178.0-179.0	0.01	577.26	0.00	100.00
132.0-133.0	0.20	569.79	0.03	98.71	179.0-180.0	0.00	577.26	0.00	100.00
133.0-134.0	0.20	569.99	0.03	98.74					
134.0-135.0	0.20	570.19	0.04	98.78					
135.0-136.0	0.21	570.40	0.04	98.81					
136.0-137.0	0.21	570.61	0.04	98.85					
137.0-138.0	0.21	570.82	0.04	98.88					
138.0-139.0	0.21	571.03	0.04	98.92					
139.0-140.0	0.22	571.25	0.04	98.96					
140.0-141.0	0.22	571.46	0.04	99.00					

Rectangle ISO Lighting Intensity Diagram

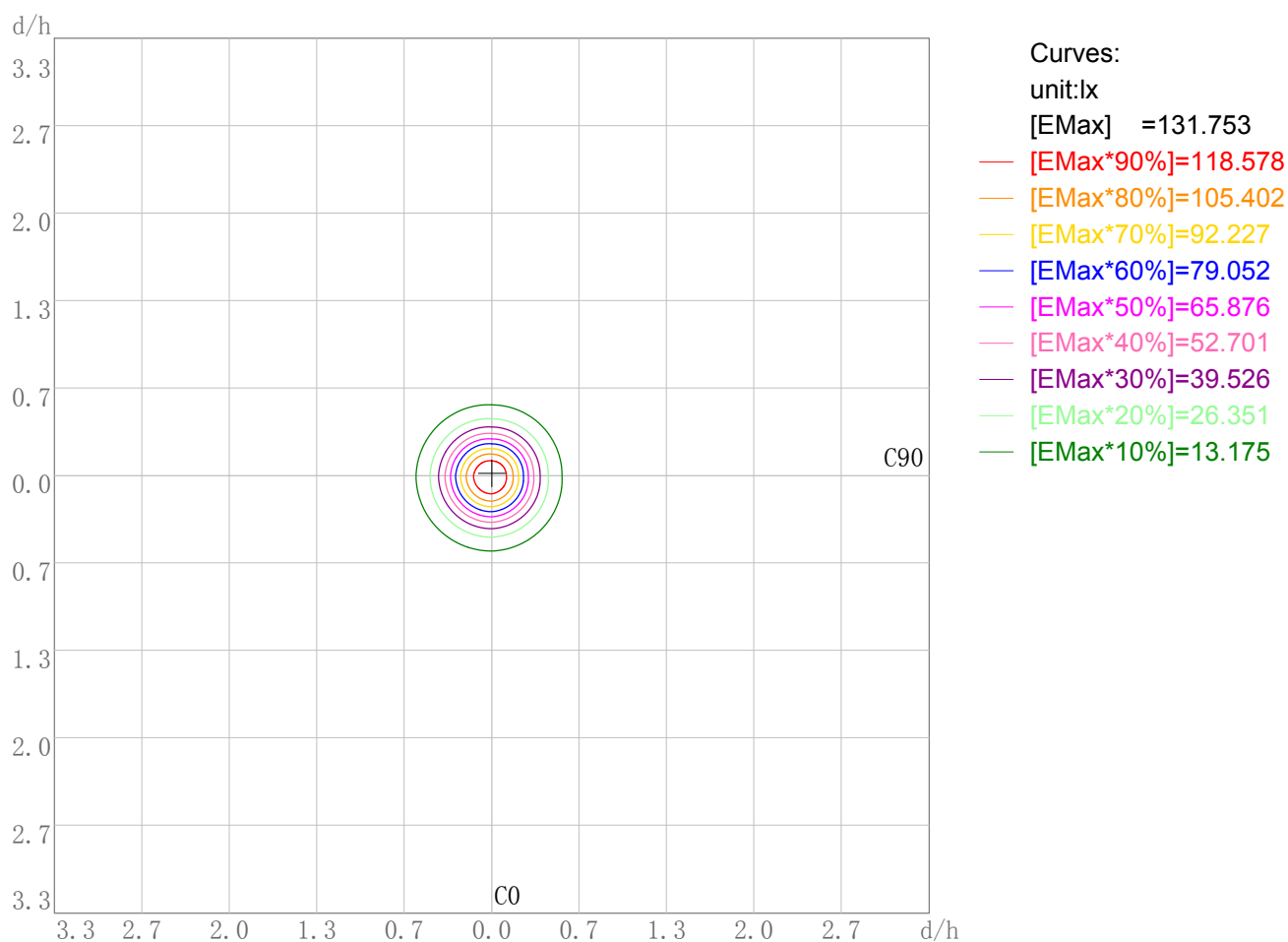
Lum. Name: MD10-06-XX-01 4000K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/16



## Plane ISO-Illuminance Diagram

Lum. Name: MD10-06-XX-01 4000K RA90 36D	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: 2019/11/16

## Plane ISO-Illuminance Curve



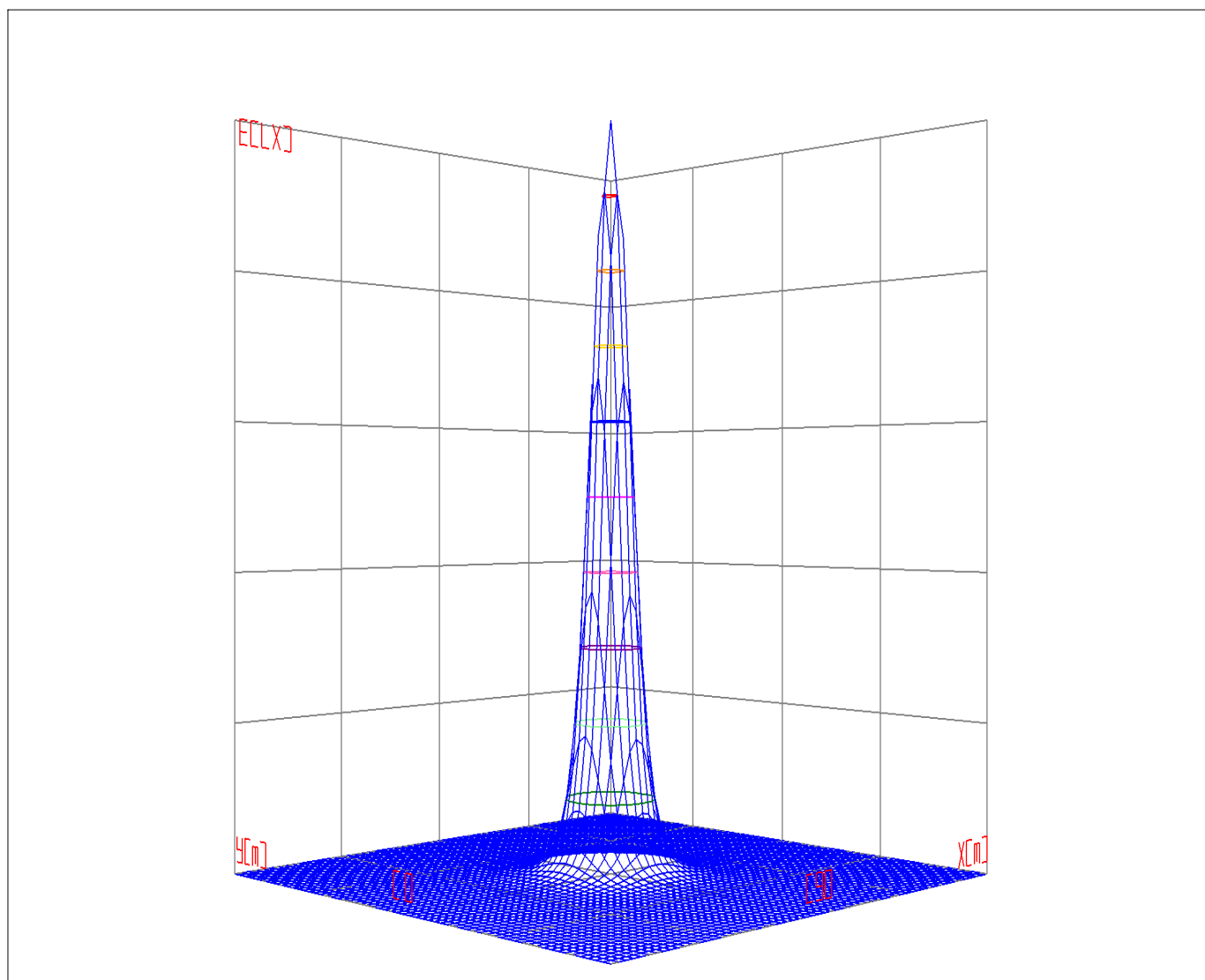
# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 36D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: MD10-06-XX-01 4000K RA90 36D	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: 2019/11/16

## 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



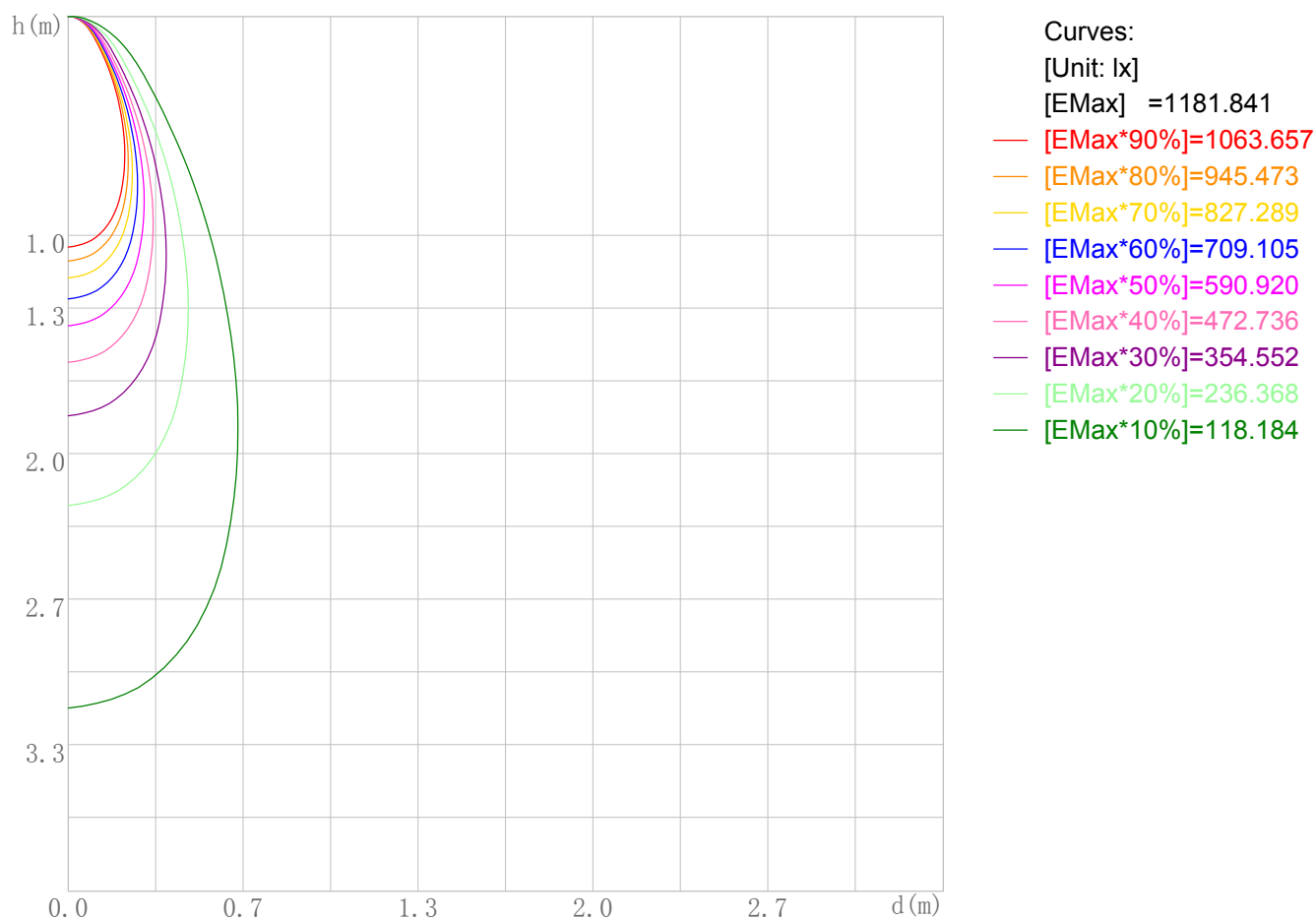
# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 36D.IES

## Space ISO Illuminance Diagram

Lum. Name: MD10-06-XX-01 4000K RA90 36D	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: 2019/11/16

## Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1181.84lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:1181.841cd,0deg

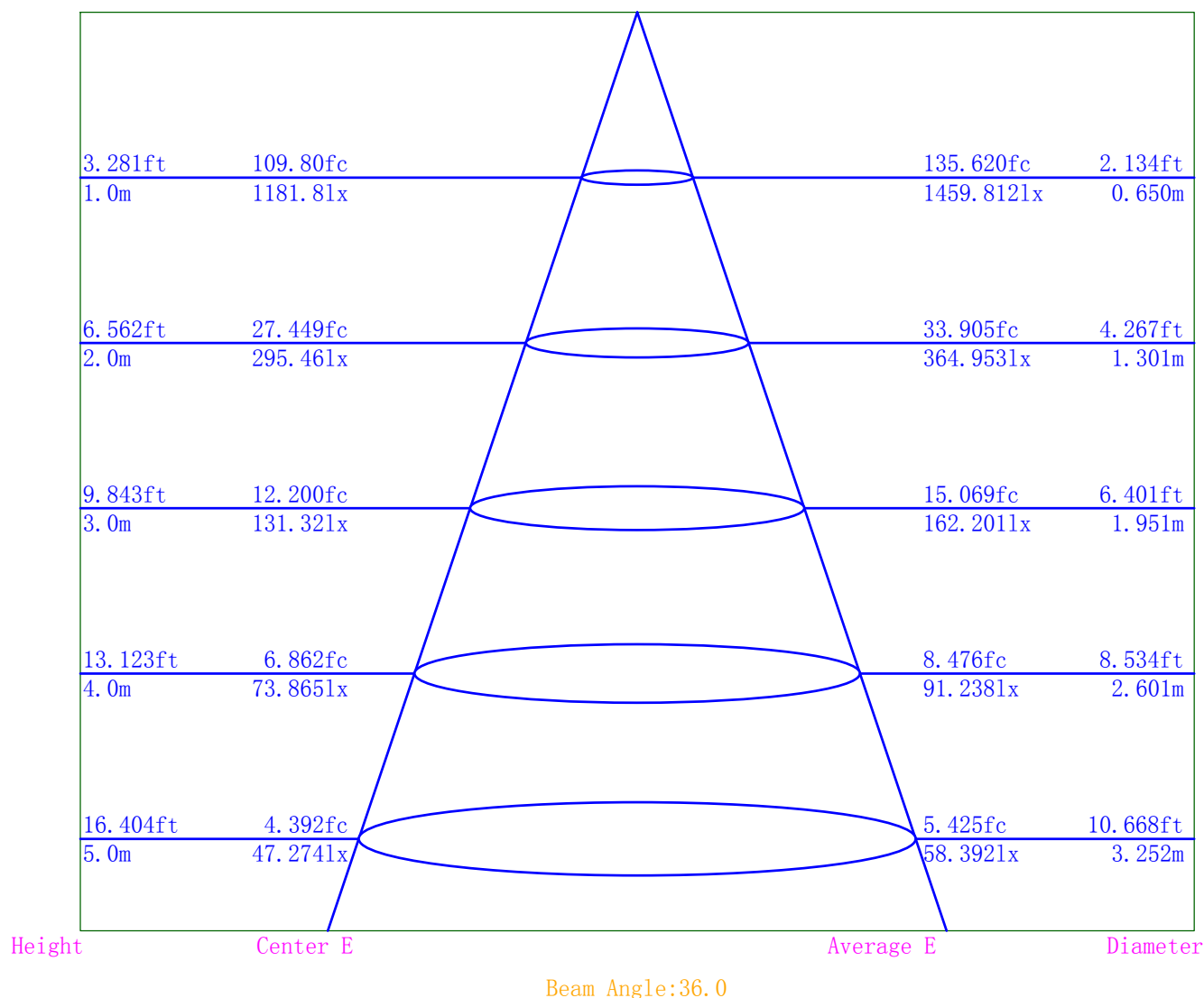
# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 36D.IES

## Illuminance-Distance Diagram

Lum. Name: MD10-06-XX-01 4000K RA90 36D	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: 2019/11/16

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 36D.IES

## Indoor Luminance Limiting Curves

Lum. Name: MD10-06-XX-01 4000K RA90 36D	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: 2019/11/16

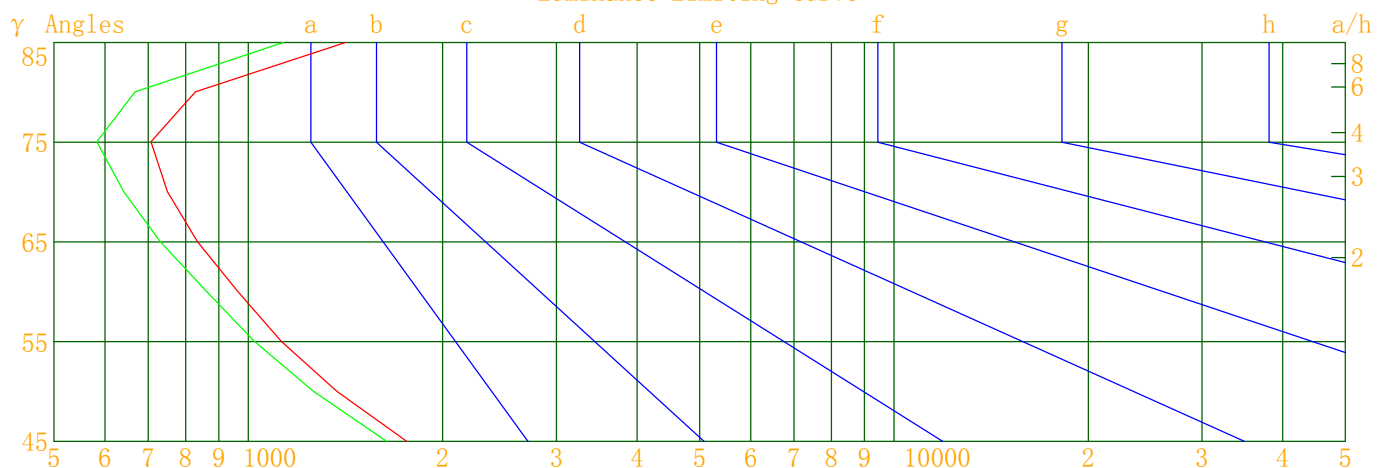
Glare Grade Table

GI	Quality	Using Illuminance							
1.15	A	2000	1000	500	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E	a				2000	1000	500	$\leq 300$
			b	c	d	e	f	g	h

Luminance Table

Gama(deg)	45	50	55	60	65	70	75	80	85
C0	1760	1372	1125	964	834	749	707	828	1414
C90	1638	1262	1023	862	730	641	583	668	1132

Luminance Limiting Curve



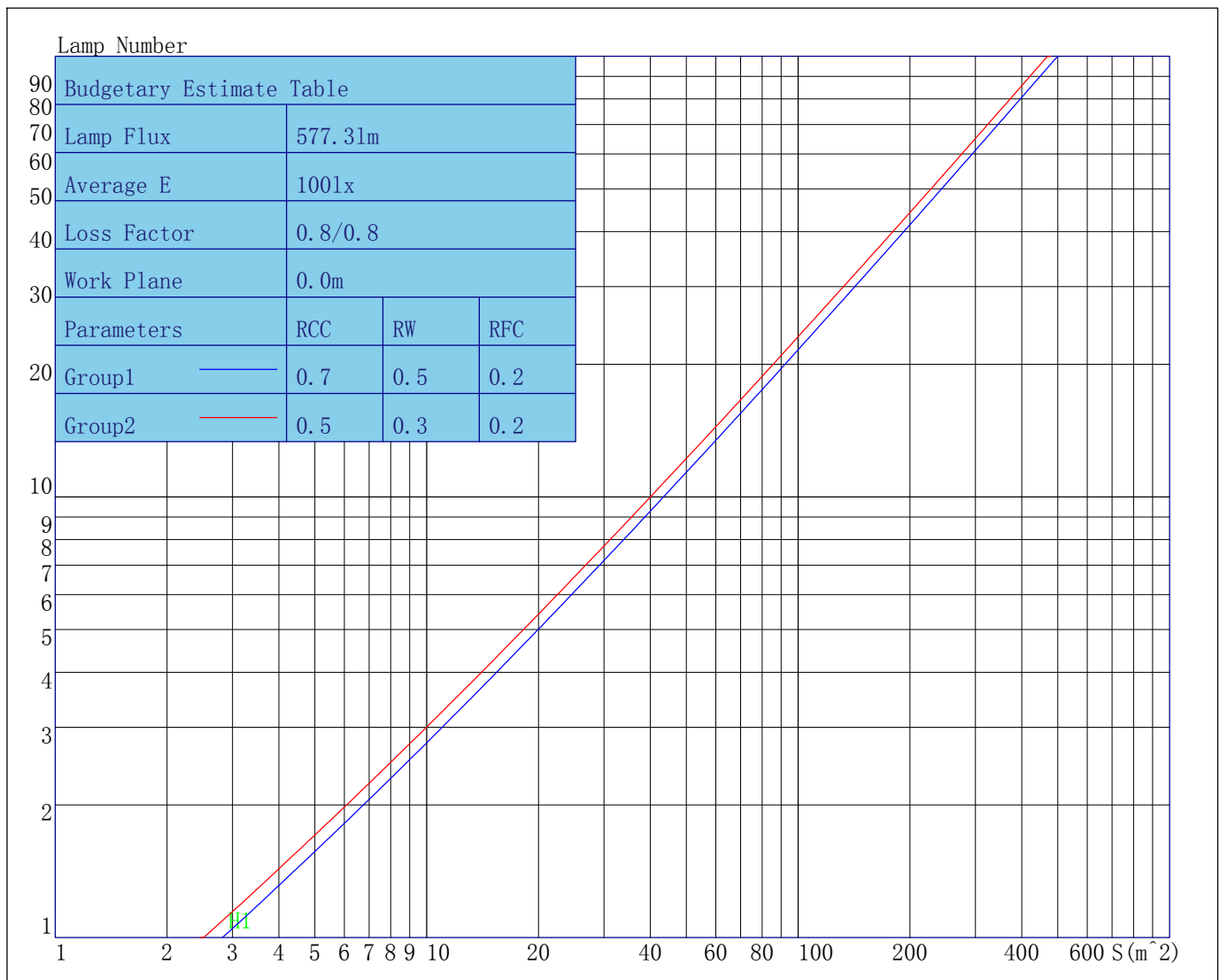
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.450 Area(m<sup>2</sup>)=0.025000  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 36D.IES

## Indoor Budgetary Estimate Table

Lum. Name: MD10-06-XX-01 4000K RA90 36D	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: 2019/11/16



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:MD10-06-XX-01 4000K RA90 36D.IES

## Indoor Coefficient of Utilization Table

Lum. Name: MD10-06-XX-01 4000K RA90 36D	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: 2019/11/16

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	104	104	104	99	99	99	97
1	113	110	107	105	110	108	105	103	103	101	100	99	97	96	95	94	93	91
2	107	103	99	95	105	101	97	94	97	94	92	94	91	89	90	89	87	85
3	102	96	91	88	100	95	90	87	92	88	85	89	86	83	86	84	82	80
4	98	91	85	81	96	89	84	81	87	83	79	85	81	78	82	79	77	76
5	93	86	80	76	92	85	79	76	82	78	75	81	77	74	79	75	73	71
6	89	81	76	72	88	80	75	71	78	74	71	77	73	70	75	72	69	68
7	86	77	72	68	84	76	71	67	75	70	67	73	69	66	72	69	66	64
8	82	73	68	64	81	73	68	64	72	67	64	70	66	63	69	66	63	61
9	79	70	65	61	78	70	64	61	69	64	61	67	63	60	66	63	60	59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	64	60	57	56

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	1181.84	1181.84	1181.84	1181.84
γ 1.0	1176.04	1173.19	1186.32	1185.21
γ 2.0	1167.19	1165.60	1184.52	1183.73
γ 3.0	1157.08	1153.86	1181.25	1180.63
γ 4.0	1142.95	1139.51	1172.23	1172.61
γ 5.0	1125.18	1119.71	1158.65	1159.98
γ 6.0	1100.18	1095.65	1139.78	1143.52
γ 7.0	1071.33	1066.09	1118.80	1121.39
γ 8.0	1038.17	1031.53	1094.83	1096.56
γ 9.0	1001.28	993.71	1068.32	1071.52
γ 10.0	959.78	953.38	1036.55	1040.78
γ 11.0	913.46	906.97	1000.74	1005.55
γ 12.0	865.23	856.99	961.49	967.32
γ 13.0	811.63	804.31	917.26	922.10
γ 14.0	755.92	747.91	864.78	871.78
γ 15.0	699.88	692.13	811.47	817.66
γ 16.0	645.34	637.71	756.86	763.47
γ 17.0	593.16	585.58	702.61	709.49
γ 18.0	541.94	534.12	648.28	654.63
γ 19.0	492.83	486.03	594.47	600.57
γ 20.0	447.30	439.48	542.42	548.93
γ 21.0	402.94	395.27	493.15	498.96
γ 22.0	361.33	354.48	445.68	451.76
γ 23.0	323.09	316.17	402.13	407.40
γ 24.0	288.00	281.56	361.13	367.03
γ 25.0	256.62	250.68	323.20	328.88
γ 26.0	228.71	222.88	287.52	292.70
γ 27.0	203.94	198.30	255.57	260.60
γ 28.0	181.31	175.81	226.68	231.32
γ 29.0	160.87	155.56	201.30	205.96
γ 30.0	142.57	137.79	178.31	183.02
γ 31.0	126.78	122.08	158.27	162.63
γ 32.0	112.87	108.43	139.78	143.98
γ 33.0	100.58	96.41	123.35	127.32
γ 34.0	89.65	85.70	108.76	112.46
γ 35.0	79.82	76.06	96.37	100.00
γ 36.0	71.18	67.75	85.99	89.25
γ 37.0	63.93	60.66	76.76	80.02
γ 38.0	57.73	54.64	68.62	71.70
γ 39.0	52.32	49.37	61.47	64.36
γ 40.0	47.55	44.78	55.24	57.94
γ 41.0	43.36	40.72	49.81	52.37
γ 42.0	39.70	37.19	45.10	47.55
γ 43.0	36.39	34.03	41.09	43.52
γ 44.0	33.59	31.30	37.75	39.95
γ 45.0	31.11	28.96	34.73	36.83
γ 46.0	28.92	26.88	31.94	33.99

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	26.95	24.97	29.50	31.44
γ 48.0	25.12	23.21	27.24	29.10
γ 49.0	23.51	21.71	25.22	27.01
γ 50.0	22.05	20.28	23.45	25.18
γ 51.0	20.68	18.98	21.91	23.57
γ 52.0	19.41	17.76	20.48	22.05
γ 53.0	18.24	16.64	19.13	20.70
γ 54.0	17.14	15.61	17.95	19.46
γ 55.0	16.14	14.66	16.84	18.31
γ 56.0	15.23	13.79	15.80	17.20
γ 57.0	14.38	13.00	14.80	16.17
γ 58.0	13.58	12.24	13.87	15.20
γ 59.0	12.81	11.51	13.00	14.29
γ 60.0	12.05	10.77	12.18	13.42
γ 61.0	11.34	10.10	11.38	12.60
γ 62.0	10.66	9.48	10.67	11.84
γ 63.0	10.00	8.85	9.98	11.12
γ 64.0	9.38	8.26	9.32	10.41
γ 65.0	8.81	7.72	8.72	9.80
γ 66.0	8.24	7.18	8.08	9.12
γ 67.0	7.73	6.71	7.57	8.59
γ 68.0	7.25	6.26	7.02	8.00
γ 69.0	6.81	5.87	6.54	7.50
γ 70.0	6.41	5.49	6.14	7.05
γ 71.0	6.02	5.11	5.73	6.62
γ 72.0	5.63	4.76	5.34	6.21
γ 73.0	5.26	4.40	4.98	5.82
γ 74.0	4.91	4.08	4.62	5.46
γ 75.0	4.57	3.77	4.33	5.13
γ 76.0	4.27	3.49	4.05	4.81
γ 77.0	4.00	3.25	3.78	4.52
γ 78.0	3.83	3.11	3.54	4.27
γ 79.0	3.71	2.99	3.35	4.07
γ 80.0	3.60	2.90	3.23	3.92
γ 81.0	3.48	2.81	3.13	3.79
γ 82.0	3.36	2.72	3.02	3.67
γ 83.0	3.27	2.64	2.93	3.56
γ 84.0	3.17	2.55	2.82	3.43
γ 85.0	3.08	2.47	2.73	3.33
γ 86.0	2.98	2.39	2.65	3.22
γ 87.0	2.87	2.30	2.56	3.12
γ 88.0	2.79	2.23	2.45	3.01
γ 89.0	2.72	2.18	2.37	2.90
γ 90.0	2.67	2.15	2.31	2.83
γ 91.0	2.62	2.10	2.25	2.76
γ 92.0	2.57	2.06	2.21	2.70
γ 93.0	2.52	2.02	2.17	2.64



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.46	1.98	2.12	2.59
γ 95.0	2.42	1.96	2.08	2.54
γ 96.0	2.38	1.93	2.05	2.49
γ 97.0	2.34	1.89	2.02	2.45
γ 98.0	2.30	1.86	1.99	2.40
γ 99.0	2.27	1.84	1.95	2.36
γ 100.0	2.24	1.82	1.93	2.31
γ 101.0	2.20	1.79	1.90	2.28
γ 102.0	2.16	1.77	1.88	2.25
γ 103.0	2.13	1.75	1.85	2.22
γ 104.0	2.11	1.74	1.83	2.18
γ 105.0	2.09	1.71	1.82	2.16
γ 106.0	2.06	1.70	1.79	2.14
γ 107.0	2.04	1.68	1.79	2.12
γ 108.0	2.02	1.67	1.77	2.10
γ 109.0	2.00	1.65	1.77	2.08
γ 110.0	1.98	1.65	1.75	2.07
γ 111.0	1.97	1.65	1.75	2.05
γ 112.0	1.95	1.64	1.75	2.04
γ 113.0	1.95	1.64	1.75	2.03
γ 114.0	1.94	1.64	1.75	2.03
γ 115.0	1.93	1.64	1.75	2.02
γ 116.0	1.93	1.65	1.76	2.02
γ 117.0	1.94	1.66	1.77	2.02
γ 118.0	1.93	1.67	1.78	2.03
γ 119.0	1.94	1.69	1.80	2.04
γ 120.0	1.97	1.71	1.83	2.04
γ 121.0	1.98	1.73	1.84	2.06
γ 122.0	1.99	1.76	1.87	2.08
γ 123.0	2.02	1.79	1.90	2.09
γ 124.0	2.05	1.82	1.93	2.12
γ 125.0	2.08	1.87	1.98	2.15
γ 126.0	2.12	1.92	2.01	2.19
γ 127.0	2.17	1.97	2.05	2.23
γ 128.0	2.22	2.01	2.11	2.28
γ 129.0	2.27	2.07	2.17	2.32
γ 130.0	2.33	2.14	2.22	2.38
γ 131.0	2.39	2.20	2.28	2.43
γ 132.0	2.46	2.29	2.35	2.50
γ 133.0	2.54	2.36	2.43	2.56
γ 134.0	2.62	2.44	2.50	2.63
γ 135.0	2.69	2.53	2.59	2.71
γ 136.0	2.78	2.62	2.66	2.79
γ 137.0	2.86	2.71	2.76	2.86
γ 138.0	2.95	2.81	2.84	2.95
γ 139.0	3.04	2.89	2.93	3.03
γ 140.0	3.13	2.99	3.03	3.12

# IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 36D.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.22	3.09	3.10	3.22
γ 142.0	3.32	3.18	3.21	3.30
γ 143.0	3.41	3.28	3.30	3.39
γ 144.0	3.51	3.38	3.39	3.49
γ 145.0	3.60	3.48	3.49	3.59
γ 146.0	3.70	3.57	3.60	3.67
γ 147.0	3.79	3.67	3.69	3.76
γ 148.0	3.88	3.75	3.78	3.86
γ 149.0	3.96	3.83	3.87	3.95
γ 150.0	4.03	3.93	3.97	4.03
γ 151.0	4.12	4.00	4.06	4.11
γ 152.0	4.20	4.07	4.13	4.19
γ 153.0	4.27	4.15	4.21	4.27
γ 154.0	4.33	4.22	4.28	4.34
γ 155.0	4.40	4.27	4.35	4.41
γ 156.0	4.46	4.35	4.43	4.48
γ 157.0	4.51	4.40	4.48	4.55
γ 158.0	4.55	4.44	4.53	4.60
γ 159.0	4.60	4.48	4.59	4.64
γ 160.0	4.63	4.53	4.64	4.69
γ 161.0	4.66	4.56	4.67	4.73
γ 162.0	4.70	4.58	4.71	4.76
γ 163.0	4.72	4.61	4.75	4.79
γ 164.0	4.73	4.63	4.76	4.82
γ 165.0	4.75	4.66	4.79	4.83
γ 166.0	4.76	4.66	4.81	4.86
γ 167.0	4.77	4.68	4.82	4.87
γ 168.0	4.79	4.70	4.83	4.88
γ 169.0	4.80	4.71	4.85	4.88
γ 170.0	4.81	4.72	4.86	4.90
γ 171.0	4.84	4.74	4.87	4.90
γ 172.0	4.84	4.75	4.88	4.91
γ 173.0	4.86	4.76	4.89	4.93
γ 174.0	4.87	4.79	4.91	4.92
γ 175.0	4.89	4.80	4.92	4.94
γ 176.0	4.91	4.83	4.92	4.95
γ 177.0	4.93	4.83	4.94	4.96
γ 178.0	4.95	4.87	4.95	4.97
γ 179.0	4.96	4.88	4.96	4.97
γ 180.0	4.95	4.95	4.95	4.95