

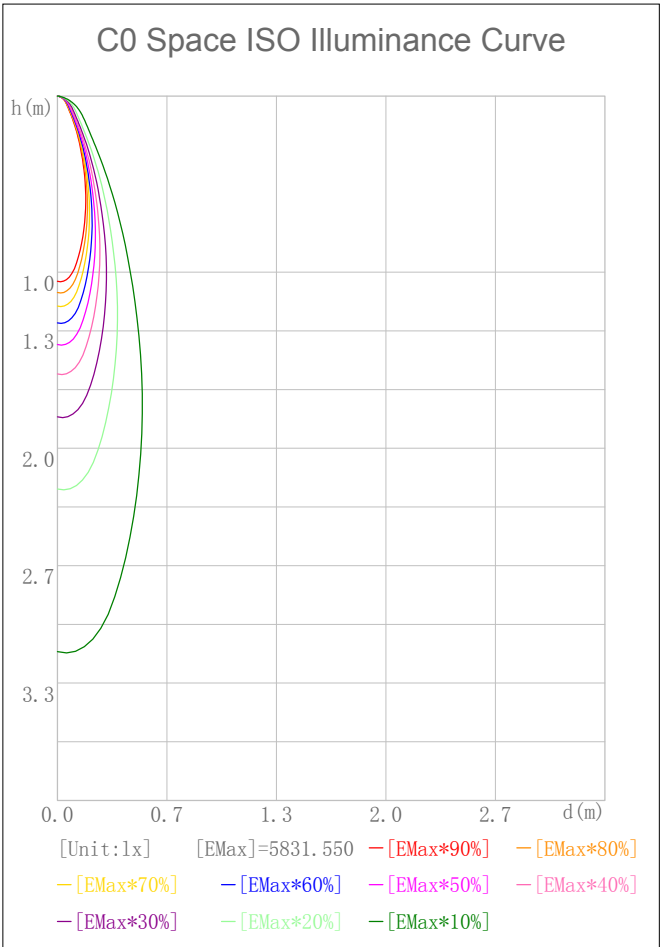
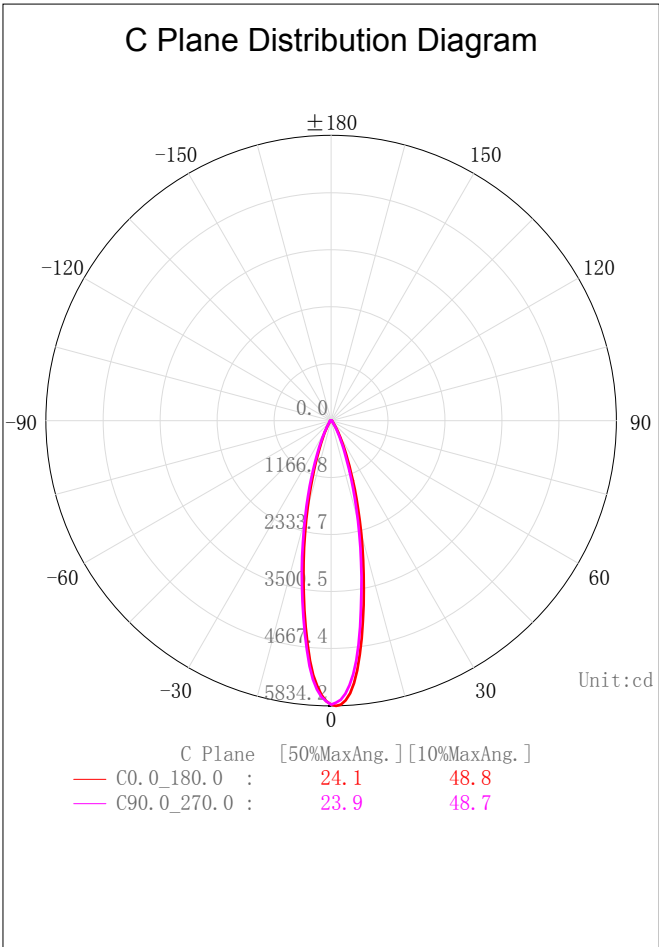
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-18-XX-01 2700K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/12/30
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):0.550m*0.550m*0.850m	Lum. Area (m2):0.770	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): 1445.360	Luminary Flux(lm): 1445.361	Field Angle(10%Imax): 48.8(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1438.744lm 99.54%
Rated Voltage(V):	Luminary EER(lm/W): 85.778	Up Lumens&Percent: 6.617lm 0.46%
Tested Power(W): 16.850	Max. Candela(cd): 5834.215	S/MH: C0_a180=0.406 C90_270=0.402
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.1, 0.072	Beam Angle(50%Imax): 24.1(°)	ErP Φ use(90°): 1350.386lm
Lamp Size(W*L*H):0.550m*0.550m*0.850m	Left=-11.1°, Right=13.0°	IRF(%): 814.784



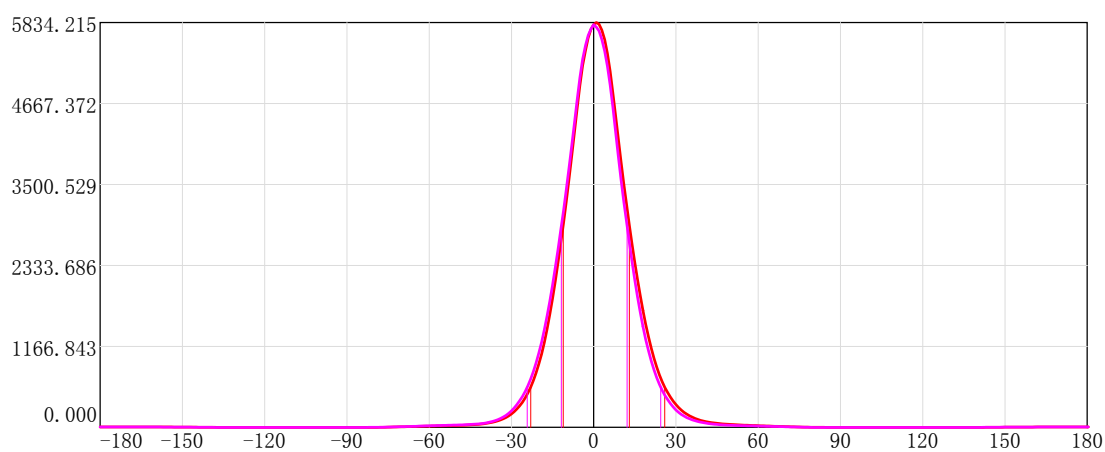
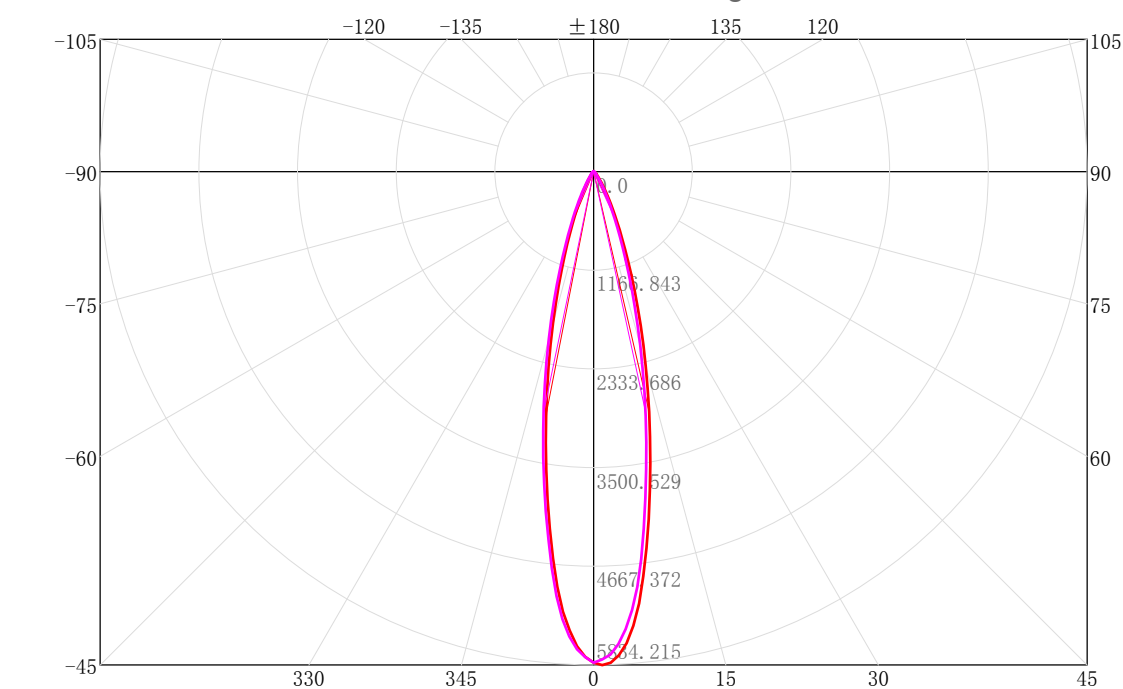
IES Indoor Report

Photometric Filename:MD10-18-XX-01 2700K RA90 24D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-18-XX-01 2700K RA90 24D	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: 2019/12/30

C Plane Distribution Diagram



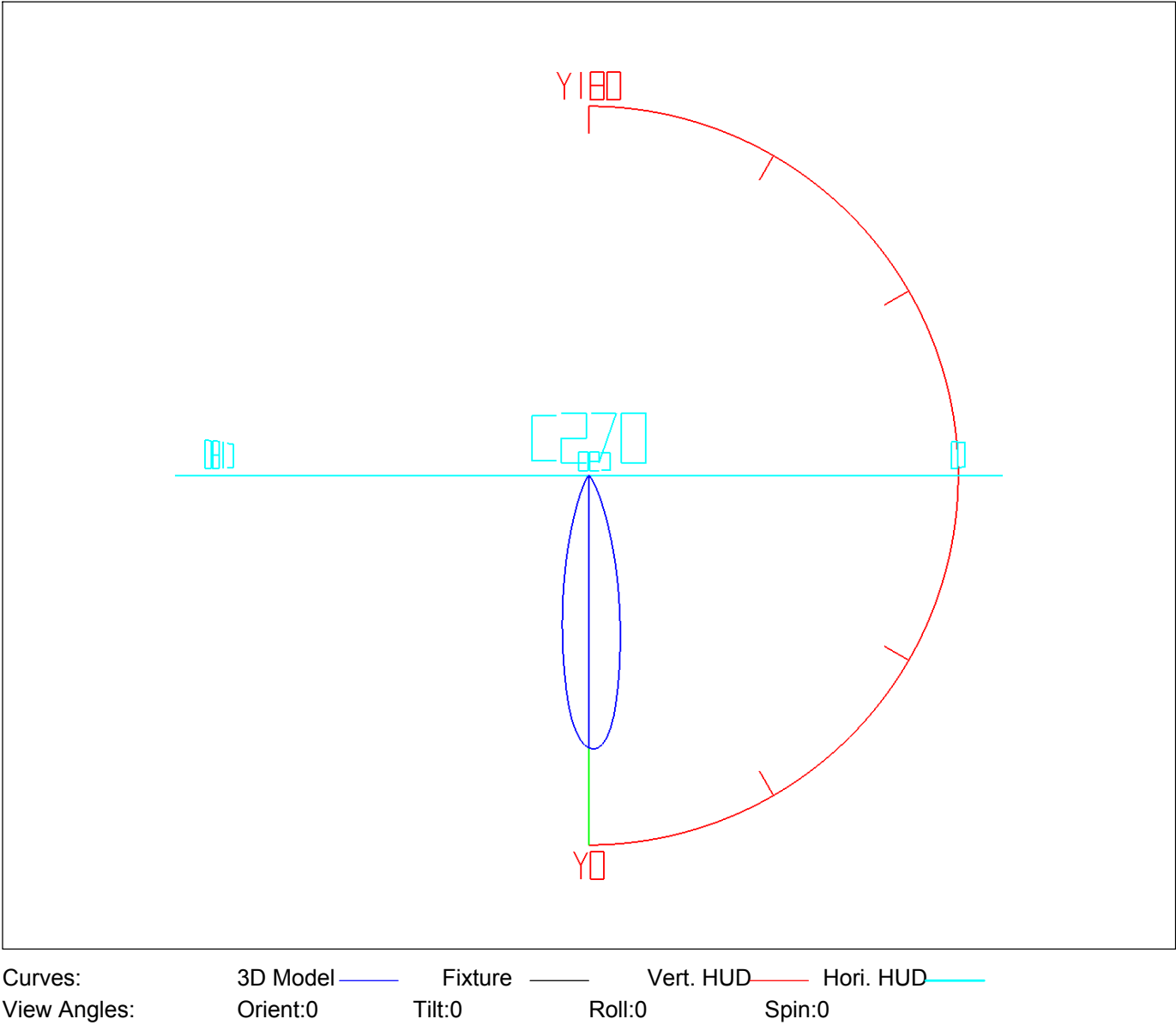
C Plane [50%MaxAng.] [10%MaxAng.]
— C0.0_180.0 : 24.1 48.8
— C90.0_270.0 : 23.9 48.7

Unit:cd

3D Light Intensity Distribution Modal

Lum. Name:MD10-18-XX-01 2700K RA90 24D	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:2019/12/30

3D Light Intensity Distribution Modal



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	5.54	5.54	0.38	0.38	47.0-48.0	3.15	1385.44	0.22	95.85
1.0-2.0	16.46	22.00	1.14	1.52	48.0-49.0	3.03	1388.47	0.21	96.06
2.0-3.0	26.93	48.92	1.86	3.38	49.0-50.0	2.93	1391.40	0.20	96.27
3.0-4.0	36.64	85.56	2.53	5.92	50.0-51.0	2.84	1394.23	0.20	96.46
4.0-5.0	45.26	130.82	3.13	9.05	51.0-52.0	2.76	1396.99	0.19	96.65
5.0-6.0	52.48	183.30	3.63	12.68	52.0-53.0	2.68	1399.67	0.19	96.84
6.0-7.0	58.13	241.43	4.02	16.70	53.0-54.0	2.61	1402.28	0.18	97.02
7.0-8.0	62.27	303.70	4.31	21.01	54.0-55.0	2.54	1404.81	0.18	97.19
8.0-9.0	65.06	368.76	4.50	25.51	55.0-56.0	2.46	1407.27	0.17	97.36
9.0-10.0	66.67	435.43	4.61	30.13	56.0-57.0	2.39	1409.66	0.17	97.53
10.0-11.0	67.27	502.70	4.65	34.78	57.0-58.0	2.31	1411.98	0.16	97.69
11.0-12.0	66.93	569.64	4.63	39.41	58.0-59.0	2.23	1414.21	0.15	97.84
12.0-13.0	65.72	635.36	4.55	43.96	59.0-60.0	2.15	1416.36	0.15	97.99
13.0-14.0	63.77	699.13	4.41	48.37	60.0-61.0	2.06	1418.42	0.14	98.14
14.0-15.0	61.19	760.31	4.23	52.60	61.0-62.0	1.97	1420.38	0.14	98.27
15.0-16.0	58.12	818.43	4.02	56.62	62.0-63.0	1.87	1422.25	0.13	98.40
16.0-17.0	54.68	873.10	3.78	60.41	63.0-64.0	1.77	1424.02	0.12	98.52
17.0-18.0	50.94	924.05	3.52	63.93	64.0-65.0	1.67	1425.68	0.12	98.64
18.0-19.0	47.05	971.10	3.26	67.19	65.0-66.0	1.56	1427.24	0.11	98.75
19.0-20.0	43.14	1014.24	2.98	70.17	66.0-67.0	1.45	1428.70	0.10	98.85
20.0-21.0	39.34	1053.58	2.72	72.89	67.0-68.0	1.35	1430.04	0.09	98.94
21.0-22.0	35.72	1089.29	2.47	75.36	68.0-69.0	1.24	1431.29	0.09	99.03
22.0-23.0	32.30	1121.60	2.23	77.60	69.0-70.0	1.15	1432.43	0.08	99.11
23.0-24.0	29.12	1150.72	2.01	79.61	70.0-71.0	1.04	1433.48	0.07	99.18
24.0-25.0	26.19	1176.91	1.81	81.43	71.0-72.0	0.94	1434.41	0.06	99.24
25.0-26.0	23.50	1200.40	1.63	83.05	72.0-73.0	0.83	1435.24	0.06	99.30
26.0-27.0	21.02	1221.42	1.45	84.51	73.0-74.0	0.72	1435.96	0.05	99.35
27.0-28.0	18.76	1240.18	1.30	85.80	74.0-75.0	0.61	1436.58	0.04	99.39
28.0-29.0	16.69	1256.87	1.15	86.96	75.0-76.0	0.50	1437.08	0.03	99.43
29.0-30.0	14.81	1271.68	1.02	87.98	76.0-77.0	0.40	1437.48	0.03	99.45
30.0-31.0	13.13	1284.81	0.91	88.89	77.0-78.0	0.30	1437.77	0.02	99.48
31.0-32.0	11.65	1296.46	0.81	89.70	78.0-79.0	0.22	1438.00	0.02	99.49
32.0-33.0	10.37	1306.83	0.72	90.42	79.0-80.0	0.18	1438.18	0.01	99.50
33.0-34.0	9.25	1316.08	0.64	91.06	80.0-81.0	0.15	1438.32	0.01	99.51
34.0-35.0	8.27	1324.35	0.57	91.63	81.0-82.0	0.12	1438.44	0.01	99.52
35.0-36.0	7.43	1331.78	0.51	92.14	82.0-83.0	0.10	1438.54	0.01	99.53
36.0-37.0	6.69	1338.47	0.46	92.60	83.0-84.0	0.07	1438.61	0.00	99.53
37.0-38.0	6.06	1344.53	0.42	93.02	84.0-85.0	0.05	1438.66	0.00	99.54
38.0-39.0	5.52	1350.06	0.38	93.41	85.0-86.0	0.04	1438.70	0.00	99.54
39.0-40.0	5.06	1355.12	0.35	93.76	86.0-87.0	0.02	1438.73	0.00	99.54
40.0-41.0	4.67	1359.79	0.32	94.08	87.0-88.0	0.01	1438.74	0.00	99.54
41.0-42.0	4.34	1364.13	0.30	94.38	88.0-89.0	0.00	1438.74	0.00	99.54
42.0-43.0	4.05	1368.19	0.28	94.66	89.0-90.0	0.00	1438.74	0.00	99.54
43.0-44.0	3.81	1371.99	0.26	94.92	90.0-91.0	0.00	1438.74	0.00	99.54
44.0-45.0	3.60	1375.59	0.25	95.17	91.0-92.0	0.00	1438.74	0.00	99.54
45.0-46.0	3.43	1379.02	0.24	95.41	92.0-93.0	0.00	1438.74	0.00	99.54
46.0-47.0	3.27	1382.30	0.23	95.64	93.0-94.0	0.00	1438.74	0.00	99.54

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	0.00	1438.74	0.00	99.54	141.0-142.0	0.11	1439.15	0.01	99.57
95.0-96.0	0.00	1438.74	0.00	99.54	142.0-143.0	0.13	1439.28	0.01	99.58
96.0-97.0	0.00	1438.74	0.00	99.54	143.0-144.0	0.15	1439.43	0.01	99.59
97.0-98.0	0.00	1438.74	0.00	99.54	144.0-145.0	0.17	1439.60	0.01	99.60
98.0-99.0	0.00	1438.74	0.00	99.54	145.0-146.0	0.18	1439.78	0.01	99.61
99.0-100.0	0.00	1438.74	0.00	99.54	146.0-147.0	0.20	1439.98	0.01	99.63
100.0-101.0	0.00	1438.74	0.00	99.54	147.0-148.0	0.21	1440.19	0.01	99.64
101.0-102.0	0.00	1438.74	0.00	99.54	148.0-149.0	0.22	1440.41	0.02	99.66
102.0-103.0	0.00	1438.74	0.00	99.54	149.0-150.0	0.23	1440.64	0.02	99.67
103.0-104.0	0.00	1438.74	0.00	99.54	150.0-151.0	0.24	1440.87	0.02	99.69
104.0-105.0	0.00	1438.74	0.00	99.54	151.0-152.0	0.24	1441.12	0.02	99.71
105.0-106.0	0.00	1438.74	0.00	99.54	152.0-153.0	0.25	1441.36	0.02	99.72
106.0-107.0	0.00	1438.74	0.00	99.54	153.0-154.0	0.25	1441.61	0.02	99.74
107.0-108.0	0.00	1438.74	0.00	99.54	154.0-155.0	0.25	1441.86	0.02	99.76
108.0-109.0	0.00	1438.74	0.00	99.54	155.0-156.0	0.25	1442.11	0.02	99.77
109.0-110.0	0.00	1438.74	0.00	99.54	156.0-157.0	0.24	1442.35	0.02	99.79
110.0-111.0	0.00	1438.74	0.00	99.54	157.0-158.0	0.24	1442.59	0.02	99.81
111.0-112.0	0.00	1438.74	0.00	99.54	158.0-159.0	0.23	1442.82	0.02	99.82
112.0-113.0	0.00	1438.74	0.00	99.54	159.0-160.0	0.23	1443.05	0.02	99.84
113.0-114.0	0.00	1438.74	0.00	99.54	160.0-161.0	0.22	1443.26	0.02	99.85
114.0-115.0	0.00	1438.74	0.00	99.54	161.0-162.0	0.21	1443.47	0.01	99.87
115.0-116.0	0.00	1438.74	0.00	99.54	162.0-163.0	0.20	1443.68	0.01	99.88
116.0-117.0	0.00	1438.74	0.00	99.54	163.0-164.0	0.19	1443.87	0.01	99.90
117.0-118.0	0.00	1438.74	0.00	99.54	164.0-165.0	0.18	1444.05	0.01	99.91
118.0-119.0	0.00	1438.74	0.00	99.54	165.0-166.0	0.17	1444.22	0.01	99.92
119.0-120.0	0.00	1438.74	0.00	99.54	166.0-167.0	0.16	1444.38	0.01	99.93
120.0-121.0	0.00	1438.74	0.00	99.54	167.0-168.0	0.15	1444.52	0.01	99.94
121.0-122.0	0.00	1438.74	0.00	99.54	168.0-169.0	0.14	1444.66	0.01	99.95
122.0-123.0	0.00	1438.74	0.00	99.54	169.0-170.0	0.12	1444.78	0.01	99.96
123.0-124.0	0.00	1438.74	0.00	99.54	170.0-171.0	0.11	1444.89	0.01	99.97
124.0-125.0	0.00	1438.74	0.00	99.54	171.0-172.0	0.10	1444.99	0.01	99.97
125.0-126.0	0.00	1438.74	0.00	99.54	172.0-173.0	0.09	1445.08	0.01	99.98
126.0-127.0	0.00	1438.74	0.00	99.54	173.0-174.0	0.07	1445.15	0.01	99.99
127.0-128.0	0.00	1438.74	0.00	99.54	174.0-175.0	0.06	1445.22	0.00	99.99
128.0-129.0	0.00	1438.74	0.00	99.54	175.0-176.0	0.05	1445.27	0.00	99.99
129.0-130.0	0.00	1438.74	0.00	99.54	176.0-177.0	0.04	1445.31	0.00	100.00
130.0-131.0	0.00	1438.74	0.00	99.54	177.0-178.0	0.03	1445.34	0.00	100.00
131.0-132.0	0.00	1438.74	0.00	99.54	178.0-179.0	0.02	1445.36	0.00	100.00
132.0-133.0	0.00	1438.74	0.00	99.54	179.0-180.0	0.01	1445.36	0.00	100.00
133.0-134.0	0.00	1438.74	0.00	99.54					
134.0-135.0	0.00	1438.75	0.00	99.54					
135.0-136.0	0.01	1438.76	0.00	99.54					
136.0-137.0	0.02	1438.79	0.00	99.55					
137.0-138.0	0.04	1438.82	0.00	99.55					
138.0-139.0	0.05	1438.87	0.00	99.55					
139.0-140.0	0.07	1438.94	0.00	99.56					
140.0-141.0	0.09	1439.03	0.01	99.56					

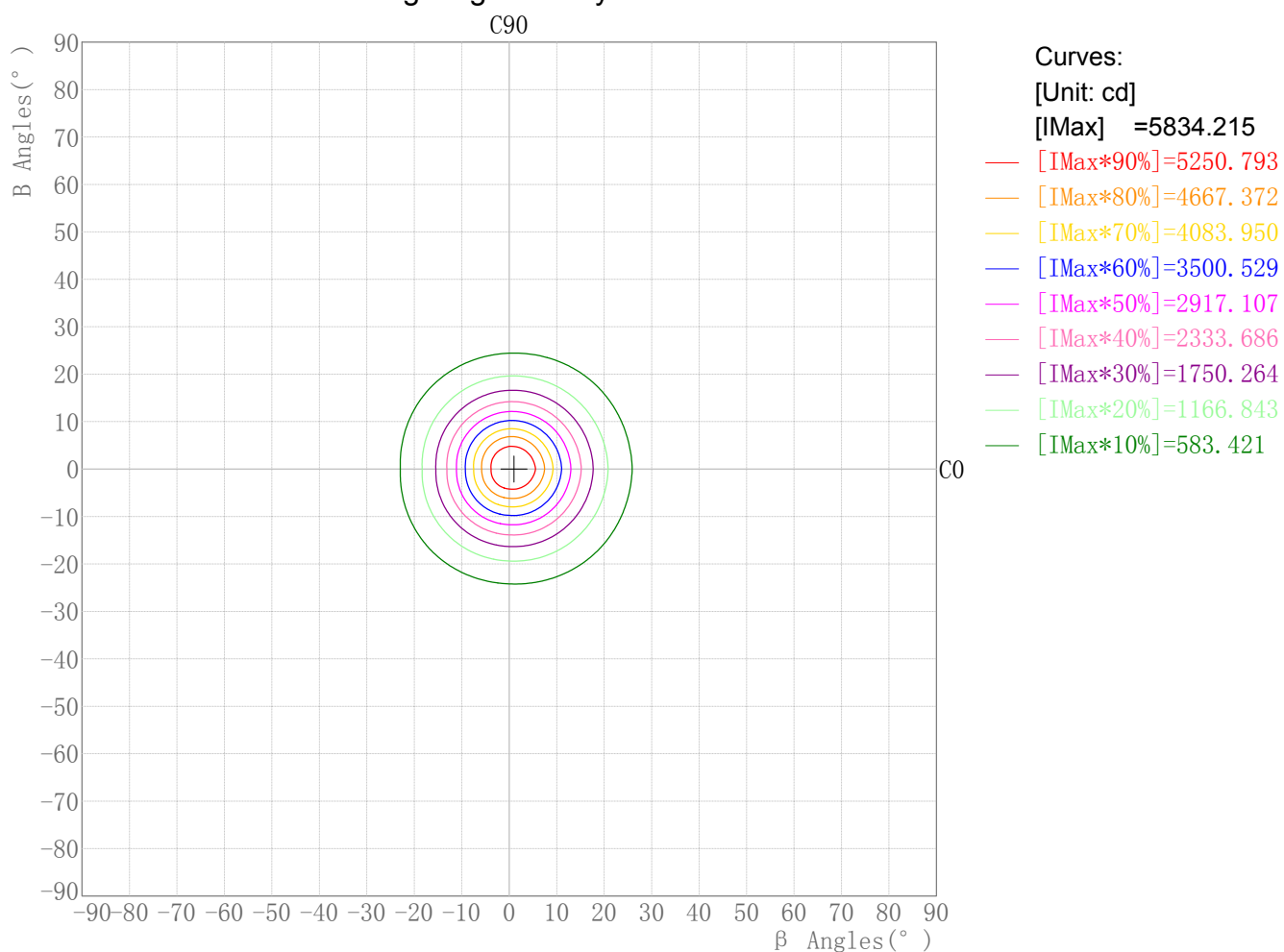
IES Indoor Report

Photometric Filename:MD10-18-XX-01 2700K RA90 24D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-18-XX-01 2700K RA90 24D	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: 2019/12/30

ISO Lighting Intensity Curve



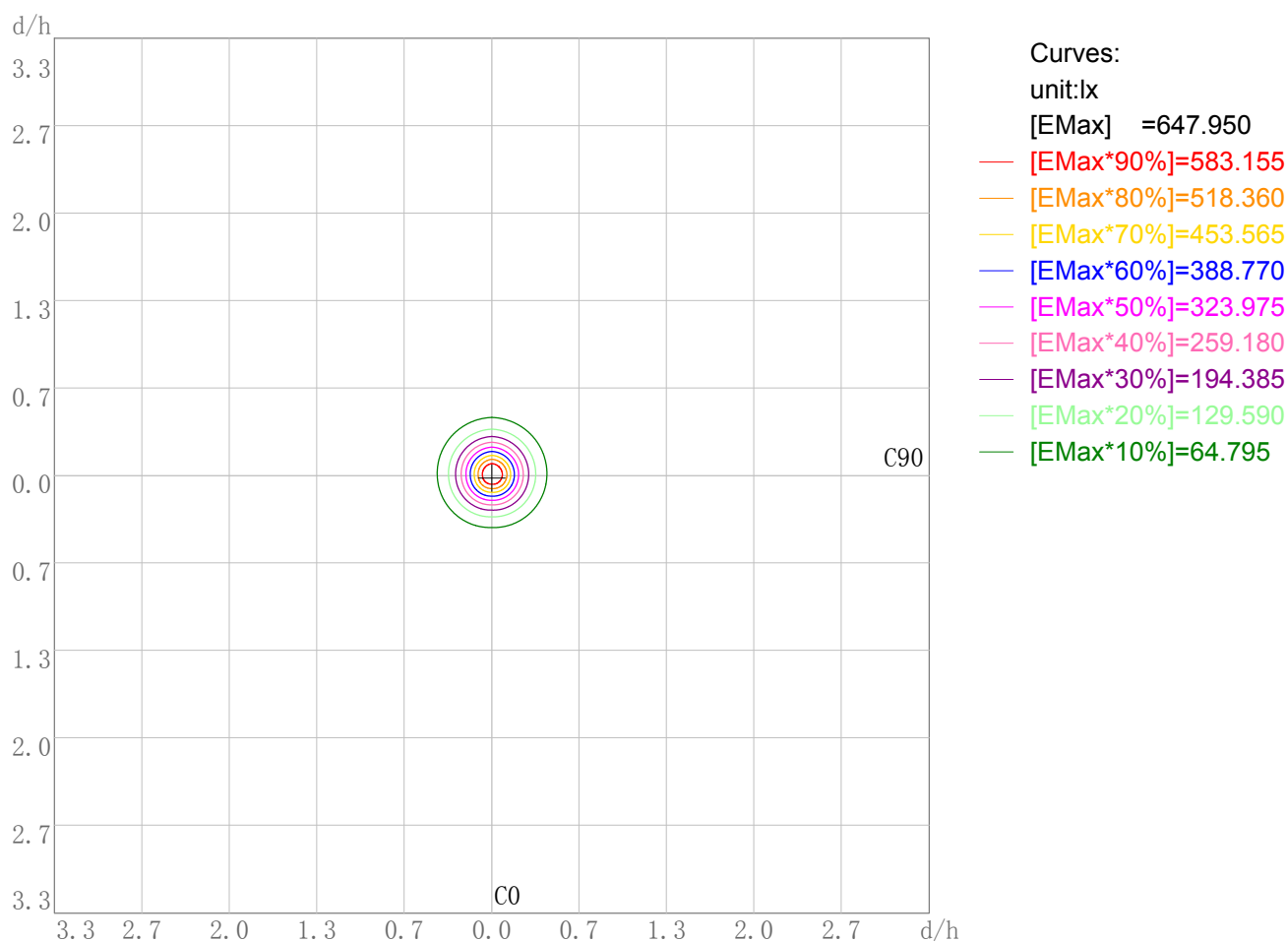
IES Indoor Report

Photometric Filename:MD10-18-XX-01 2700K RA90 24D.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD10-18-XX-01 2700K RA90 24D	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: 2019/12/30

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 647.95

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

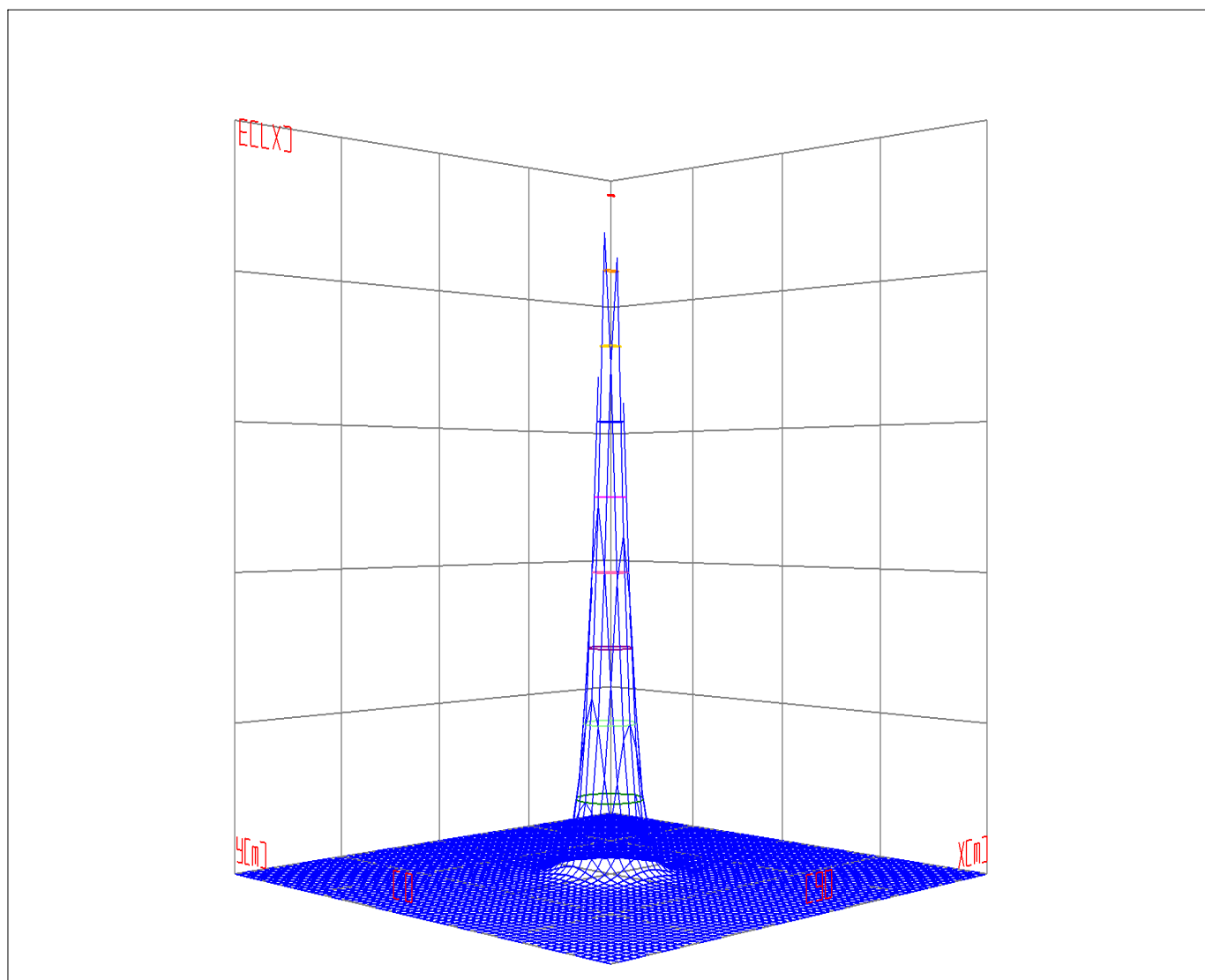
IES Indoor Report

Photometric Filename:MD10-18-XX-01 2700K RA90 24D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-18-XX-01 2700K RA90 24D	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: 2019/12/30

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

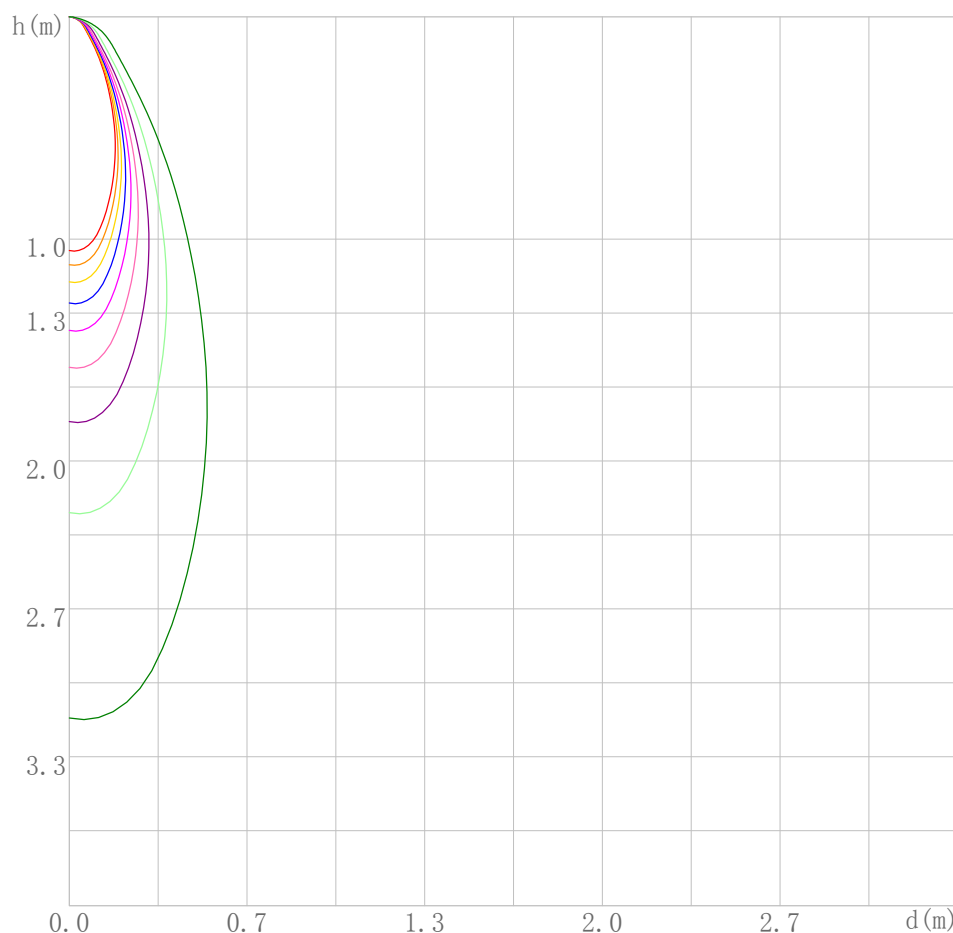
IES Indoor Report

Photometric Filename:MD10-18-XX-01 2700K RA90 24D.IES

Space ISO Illuminance Diagram

Lum. Name: MD10-18-XX-01 2700K RA90 24D	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: 2019/12/30

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =5831.550

— [EMax*90%]=5248.395

— [EMax*80%]=4665.240

— [EMax*70%]=4082.085

— [EMax*60%]=3498.930

— [EMax*50%]=2915.775

— [EMax*40%]=2332.620

— [EMax*30%]=1749.465

— [EMax*20%]=1166.310

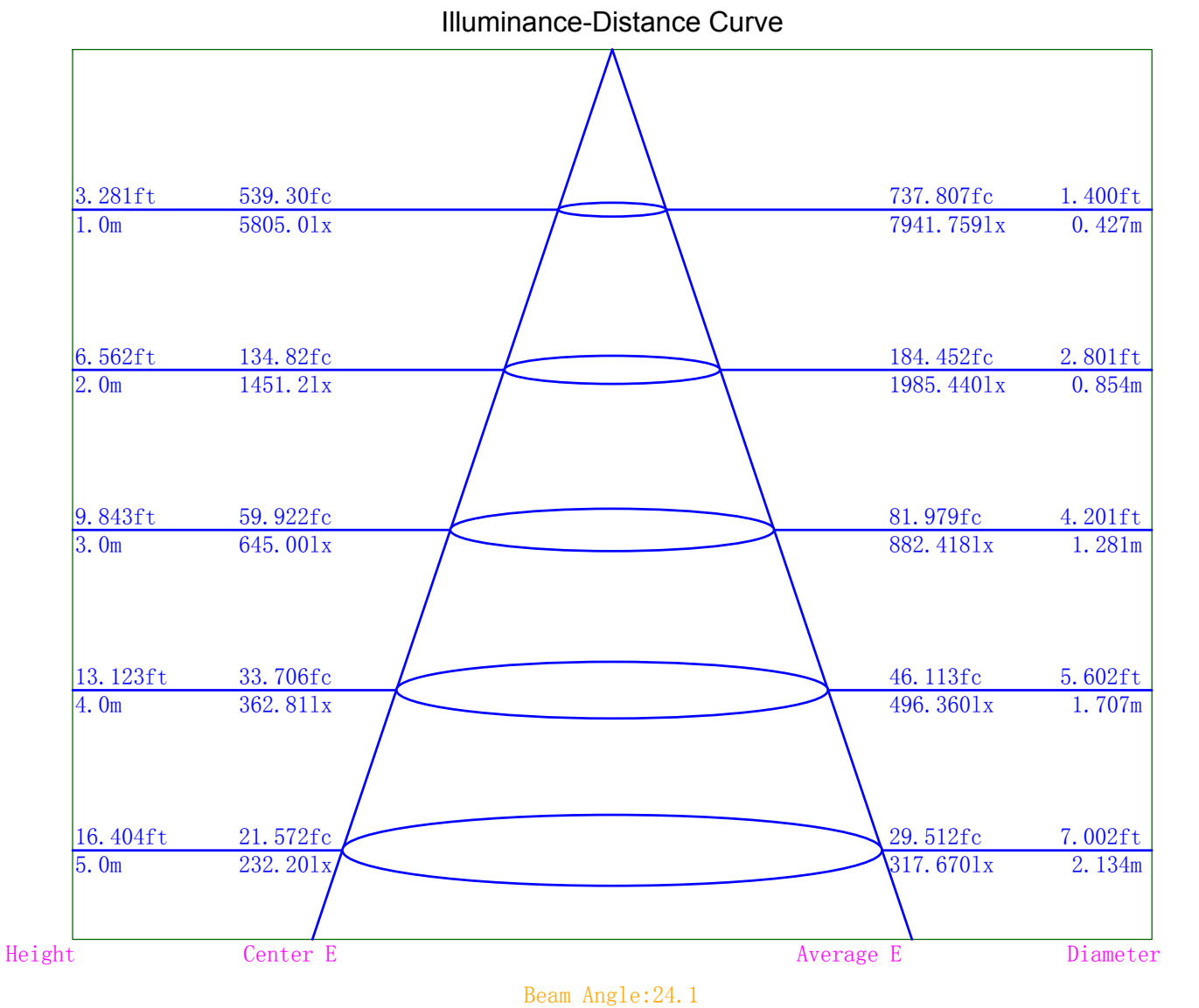
— [EMax*10%]=583.155

Space Plane Maximum Illuminance and @Angle:5831.55lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:5834.215cd,0deg

Illuminance-Distance Diagram

Lum. Name: MD10-18-XX-01 2700K RA90 24D	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: 2019/12/30



IES Indoor Report

Photometric Filename:MD10-18-XX-01 2700K RA90 24D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-18-XX-01 2700K RA90 24D	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: 2019/12/30

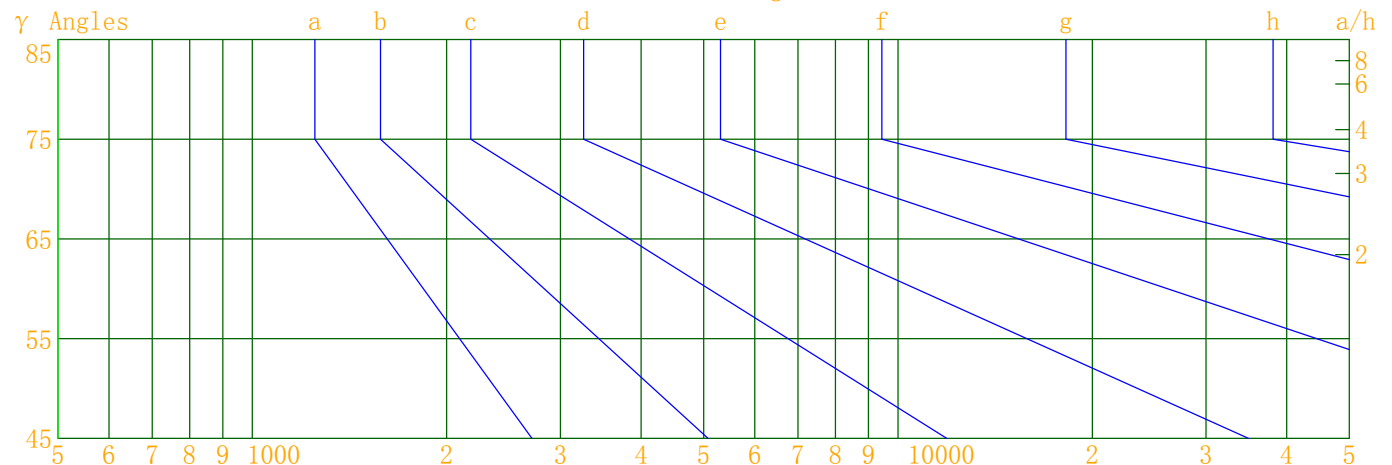
Glare Grade Table

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	108	86	75	67	57	47	34	17	15
C90	79	63	57	52	46	37	25	7	0

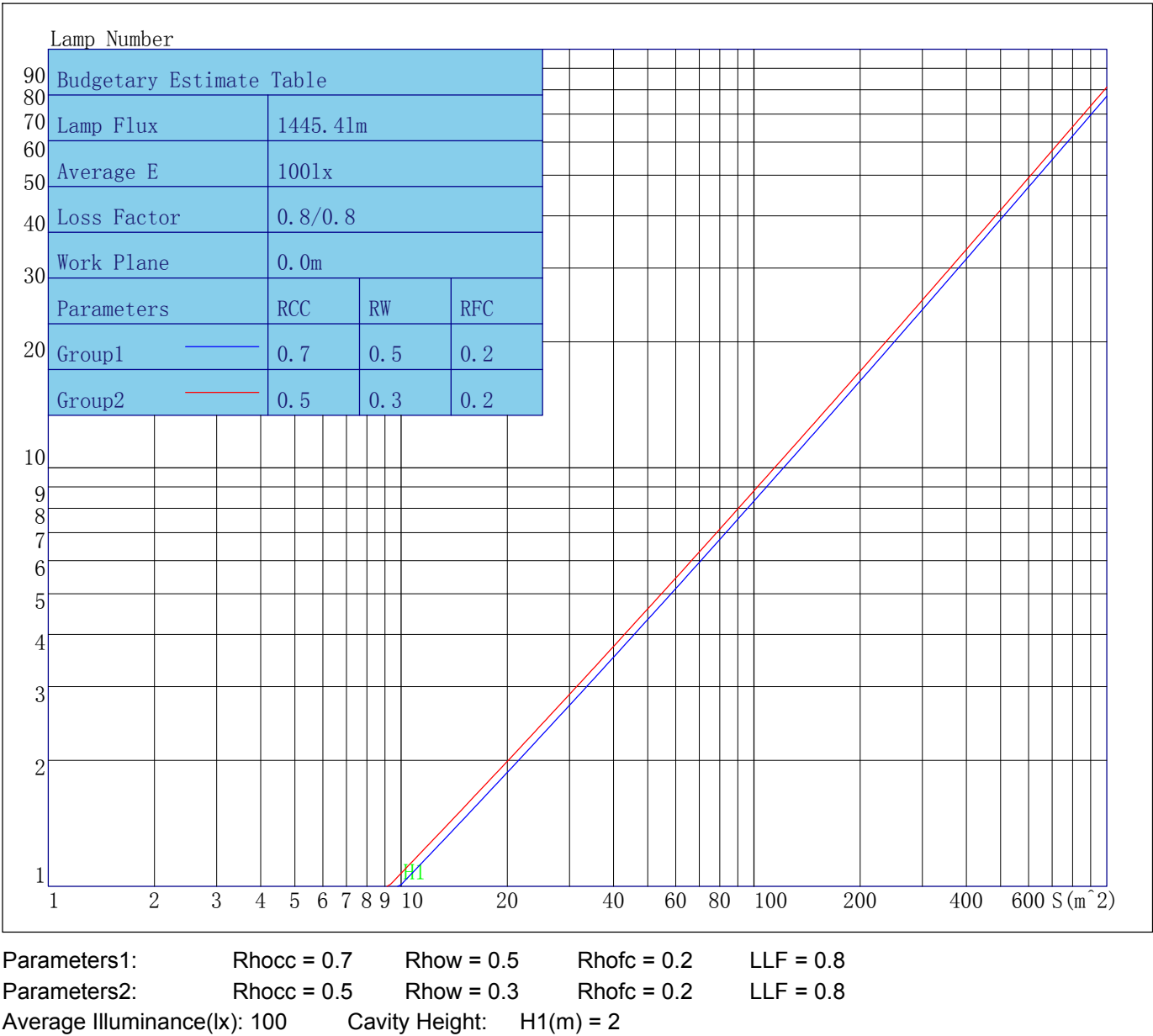
Luminance Limiting Curve



Luminous Size: Length(m)=0.550 Width(m)=0.550 Height(m)=0.850 Area(m²)=0.770000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name:MD10-18-XX-01 2700K RA90 24D	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: 2019/12/30



IES Indoor Report

Photometric Filename:MD10-18-XX-01 2700K RA90 24D.IES

Indoor Coefficient of Utilization Table

Lum. Name: MD10-18-XX-01 2700K RA90 24D	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: 2019/12/30

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	111	111	111	106	106	106	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	98	98	97	95
2	110	106	102	100	108	104	101	99	101	98	96	98	96	94	95	94	92	91
3	106	101	96	93	104	99	95	92	97	94	91	94	92	90	92	90	88	87
4	102	96	91	88	100	95	91	87	93	89	86	91	88	85	89	86	84	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77
7	92	85	80	77	91	84	80	77	83	79	76	82	78	76	81	78	75	74
8	89	82	77	74	88	81	77	74	80	76	73	79	76	73	78	75	73	72
9	86	79	74	71	85	78	74	71	78	74	71	77	73	71	76	73	70	69
10	84	76	72	69	83	76	72	69	75	71	69	75	71	68	74	71	68	67

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 spatial coordinates and UGR values. Includes sections for Room Size variations 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	5805.00	5805.00	5805.00	5805.00
γ 1.0	5834.21	5768.00	5736.14	5739.86
γ 2.0	5808.43	5712.78	5614.05	5649.81
γ 3.0	5725.04	5592.81	5431.77	5502.74
γ 4.0	5587.71	5421.96	5214.12	5303.59
γ 5.0	5388.63	5203.96	4927.15	5038.12
γ 6.0	5133.42	4934.98	4597.20	4719.91
γ 7.0	4819.25	4618.06	4251.58	4385.93
γ 8.0	4493.86	4262.28	3911.09	4059.69
γ 9.0	4161.98	3908.11	3575.80	3738.99
γ 10.0	3830.02	3571.56	3254.87	3427.72
γ 11.0	3514.22	3259.19	2947.49	3125.51
γ 12.0	3206.52	2953.92	2649.80	2835.54
γ 13.0	2915.26	2664.97	2368.28	2556.73
γ 14.0	2637.91	2385.92	2100.86	2298.42
γ 15.0	2378.22	2124.27	1855.10	2046.73
γ 16.0	2133.57	1881.55	1627.38	1817.87
γ 17.0	1902.36	1660.17	1415.66	1605.79
γ 18.0	1686.31	1455.26	1223.85	1409.27
γ 19.0	1487.54	1269.38	1057.69	1229.03
γ 20.0	1303.39	1103.30	910.41	1068.07
γ 21.0	1141.29	957.74	783.10	926.64
γ 22.0	996.14	829.56	672.52	802.18
γ 23.0	868.95	717.22	576.86	694.56
γ 24.0	756.64	619.78	494.65	599.65
γ 25.0	660.13	534.96	423.72	517.55
γ 26.0	575.30	461.81	362.25	445.67
γ 27.0	501.05	398.55	309.93	382.06
γ 28.0	436.04	343.35	265.41	327.14
γ 29.0	378.75	294.54	227.03	279.68
γ 30.0	329.13	252.13	194.61	238.05
γ 31.0	286.26	217.35	166.79	202.84
γ 32.0	249.22	187.73	143.57	173.25
γ 33.0	217.78	162.68	124.42	148.88
γ 34.0	190.28	141.24	108.29	128.79
γ 35.0	166.71	123.72	94.84	111.53
γ 36.0	146.60	108.85	83.35	97.26
γ 37.0	129.62	96.08	73.81	85.33
γ 38.0	115.01	85.36	65.86	75.61
γ 39.0	102.59	76.18	59.19	67.50
γ 40.0	92.07	68.49	53.65	61.05
γ 41.0	83.21	61.58	48.96	55.86
γ 42.0	75.62	55.98	44.92	51.62
γ 43.0	69.11	50.97	41.59	47.96
γ 44.0	63.52	46.81	38.50	45.01
γ 45.0	58.83	43.25	36.17	42.71
γ 46.0	54.79	40.12	34.06	40.52

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	51.17	37.42	32.32	38.93
γ 48.0	47.96	35.18	30.75	37.46
γ 49.0	45.20	33.11	29.27	36.07
γ 50.0	42.73	31.40	28.19	34.87
γ 51.0	40.46	29.80	27.09	33.72
γ 52.0	38.48	28.45	26.25	32.57
γ 53.0	36.55	27.22	25.34	31.57
γ 54.0	34.89	26.15	24.41	30.44
γ 55.0	33.16	25.10	23.64	29.39
γ 56.0	31.55	24.04	22.84	28.32
γ 57.0	30.01	23.12	22.05	27.12
γ 58.0	28.55	22.10	21.07	26.04
γ 59.0	27.07	21.11	20.20	24.98
γ 60.0	25.61	20.02	19.30	23.69
γ 61.0	24.16	19.06	18.29	22.37
γ 62.0	22.87	18.03	17.36	21.02
γ 63.0	21.34	16.97	16.35	19.72
γ 64.0	20.05	15.97	15.34	18.35
γ 65.0	18.68	14.85	14.37	17.00
γ 66.0	17.27	13.78	13.34	15.71
γ 67.0	16.10	12.76	12.19	14.39
γ 68.0	14.72	11.72	11.23	13.23
γ 69.0	13.58	10.66	10.31	12.16
γ 70.0	12.37	9.76	9.40	10.97
γ 71.0	11.22	8.83	8.43	9.77
γ 72.0	10.15	7.84	7.37	8.60
γ 73.0	8.90	6.88	6.28	7.41
γ 74.0	7.80	5.92	5.24	6.31
γ 75.0	6.75	4.97	4.20	5.23
γ 76.0	5.59	3.87	3.08	4.23
γ 77.0	4.58	2.96	2.10	3.30
γ 78.0	3.56	1.99	1.34	2.56
γ 79.0	2.61	1.20	1.14	2.22
γ 80.0	2.23	0.93	0.88	1.91
γ 81.0	1.94	0.70	0.61	1.61
γ 82.0	1.70	0.51	0.40	1.44
γ 83.0	1.50	0.30	0.19	1.10
γ 84.0	1.23	0.06	0.00	0.91
γ 85.0	0.99	0.00	0.00	0.63
γ 86.0	0.77	0.00	0.00	0.37
γ 87.0	0.57	0.00	0.00	0.07
γ 88.0	0.26	0.00	0.00	0.00
γ 89.0	0.10	0.00	0.00	0.00
γ 90.0	0.00	0.00	0.00	0.00
γ 91.0	0.00	0.00	0.00	0.00
γ 92.0	0.00	0.00	0.00	0.00
γ 93.0	0.00	0.00	0.00	0.00

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00
γ 96.0	0.00	0.00	0.00	0.00
γ 97.0	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00
γ 133.0	0.00	0.00	0.00	0.00
γ 134.0	0.00	0.00	0.10	0.00
γ 135.0	0.00	0.00	0.35	0.00
γ 136.0	0.00	0.00	0.69	0.25
γ 137.0	0.00	0.00	1.04	0.58
γ 138.0	0.00	0.09	1.33	0.85
γ 139.0	0.15	0.40	1.58	1.19
γ 140.0	0.44	0.70	1.95	1.42

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.76	1.04	2.34	1.81
γ 142.0	1.10	1.34	2.67	2.18
γ 143.0	1.39	1.62	3.09	2.42
γ 144.0	1.80	2.04	3.37	2.80
γ 145.0	2.07	2.35	3.67	3.10
γ 146.0	2.36	2.66	3.96	3.31
γ 147.0	2.76	2.95	4.24	3.68
γ 148.0	3.09	3.28	4.52	3.95
γ 149.0	3.36	3.59	4.83	4.22
γ 150.0	3.65	3.82	5.05	4.50
γ 151.0	3.98	4.11	5.27	4.73
γ 152.0	4.28	4.40	5.44	4.95
γ 153.0	4.45	4.61	5.74	5.11
γ 154.0	4.67	4.81	5.80	5.28
γ 155.0	4.93	5.01	5.98	5.46
γ 156.0	5.11	5.17	6.07	5.63
γ 157.0	5.29	5.26	6.21	5.73
γ 158.0	5.46	5.39	6.31	5.83
γ 159.0	5.63	5.51	6.42	5.90
γ 160.0	5.66	5.53	6.41	5.95
γ 161.0	5.77	5.71	6.50	5.96
γ 162.0	5.96	5.80	6.53	6.10
γ 163.0	6.07	5.87	6.55	6.11
γ 164.0	6.14	5.92	6.57	6.17
γ 165.0	6.14	5.97	6.51	6.16
γ 166.0	6.12	5.94	6.57	6.12
γ 167.0	6.14	5.95	6.50	6.15
γ 168.0	6.25	5.96	6.49	6.00
γ 169.0	6.23	6.01	6.45	6.02
γ 170.0	6.22	5.94	6.39	6.02
γ 171.0	6.14	6.00	6.42	5.99
γ 172.0	6.16	5.90	6.22	5.83
γ 173.0	6.15	5.91	6.23	5.82
γ 174.0	6.16	5.95	6.21	5.85
γ 175.0	6.12	5.93	6.24	5.89
γ 176.0	6.14	5.91	6.15	5.80
γ 177.0	6.08	5.97	6.13	5.87
γ 178.0	6.08	5.96	6.18	5.93
γ 179.0	6.19	5.99	6.19	5.90
γ 180.0	6.06	6.06	6.06	6.06