

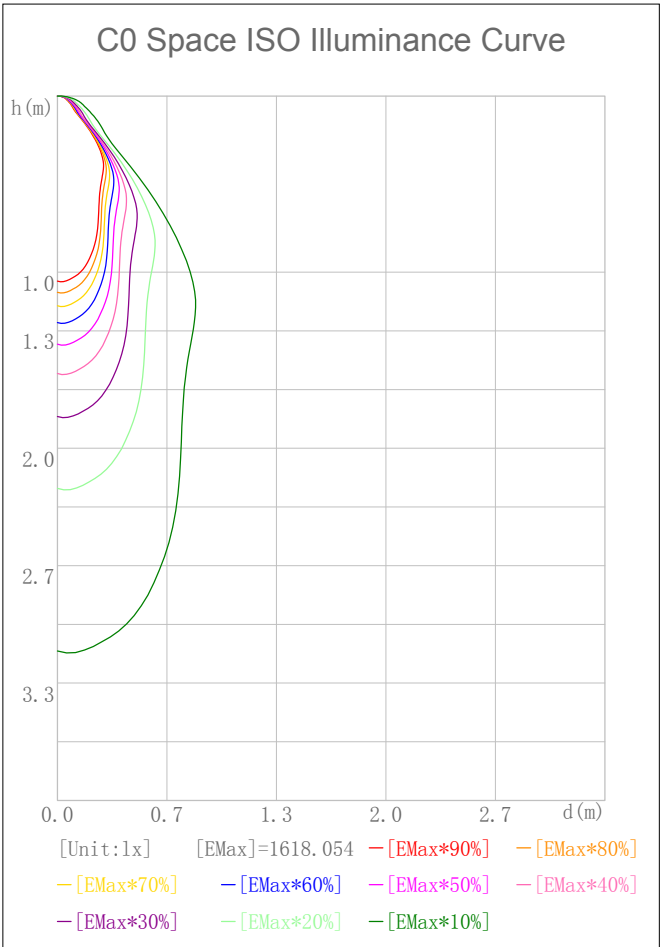
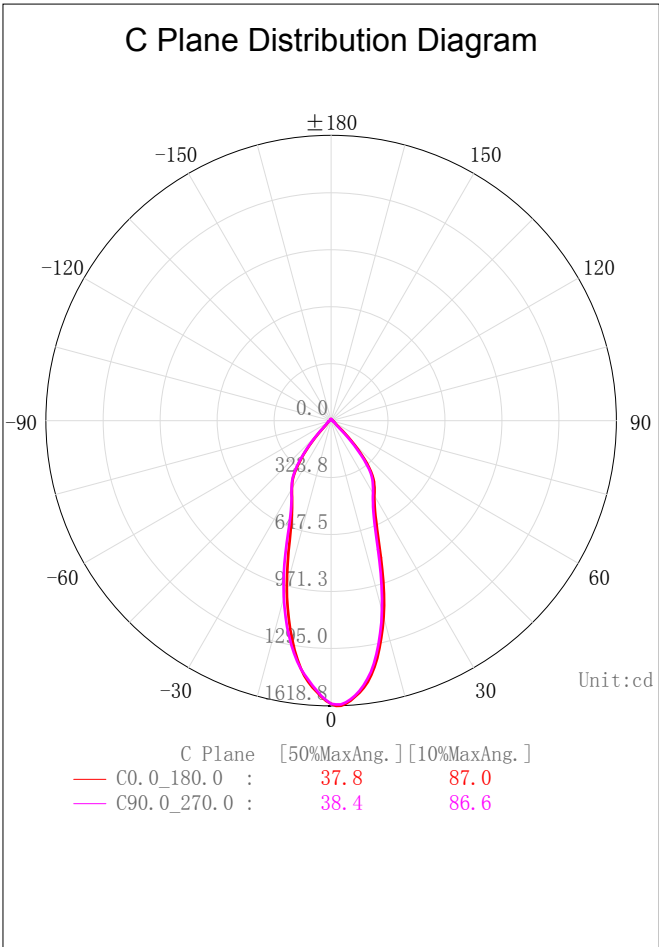
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-XX-02 3000K RA90 38D	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): 1123.980	Luminary Flux(lm): 1123.981	Field Angle(10%Imax): 87.0(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1095.721lm 97.49%
Rated Voltage(V):	Luminary EER(lm/W): 89.703	Up Lumens&Percent: 28.260lm 2.51%
Tested Power(W): 12.530	Max. Candela(cd): 1618.794	S/MH: C0_a180=0.618 C90_270=0.625
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.5, 0.054	Beam Angle(50%Imax): 37.8(°)	ErP Φ use(90°): 992.473lm
Lamp Size(W*L*H):0.050m*0.050m*0.750m	Left=-17.5°, Right=20.3°	IRF(%): 312.147



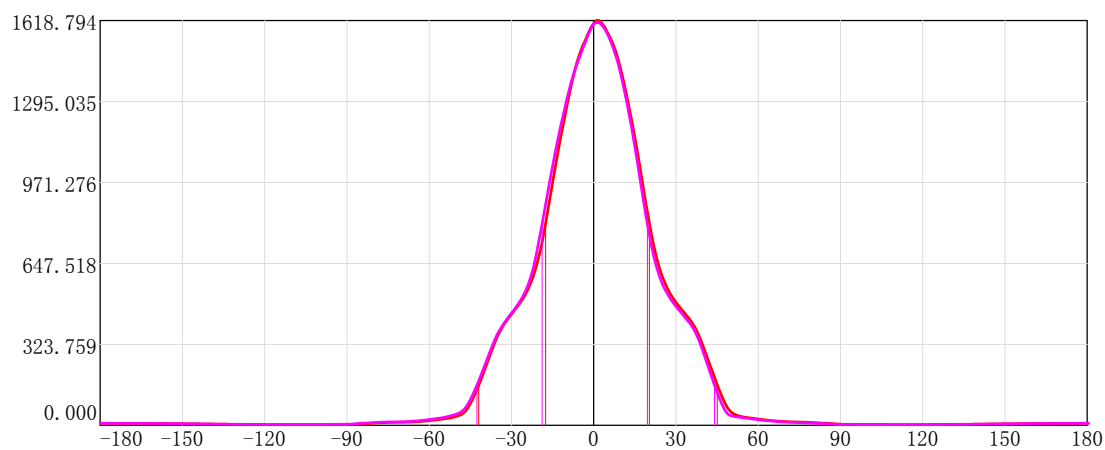
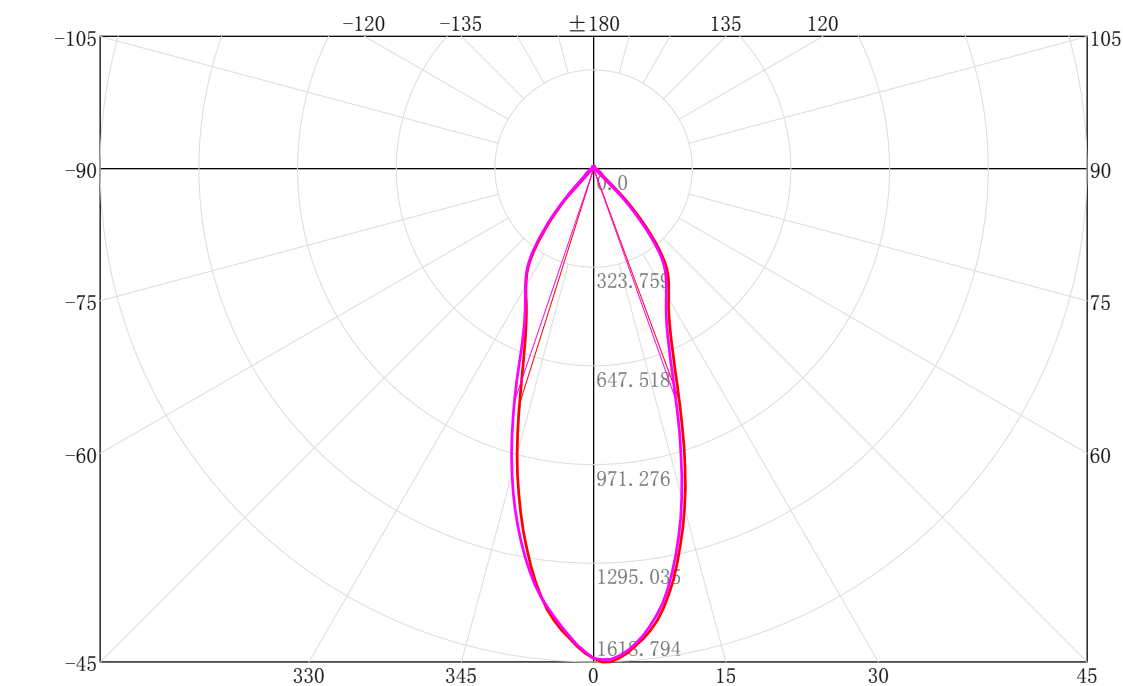
IES Indoor Report

Photometric Filename:MD10-13-XX-02 3000K RA90 38D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-XX-02 3000K 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: 2019/12/23

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
— C0.0_180.0 : 37.8 87.0
— C90.0_270.0 : 38.4 86.6

Unit:cd

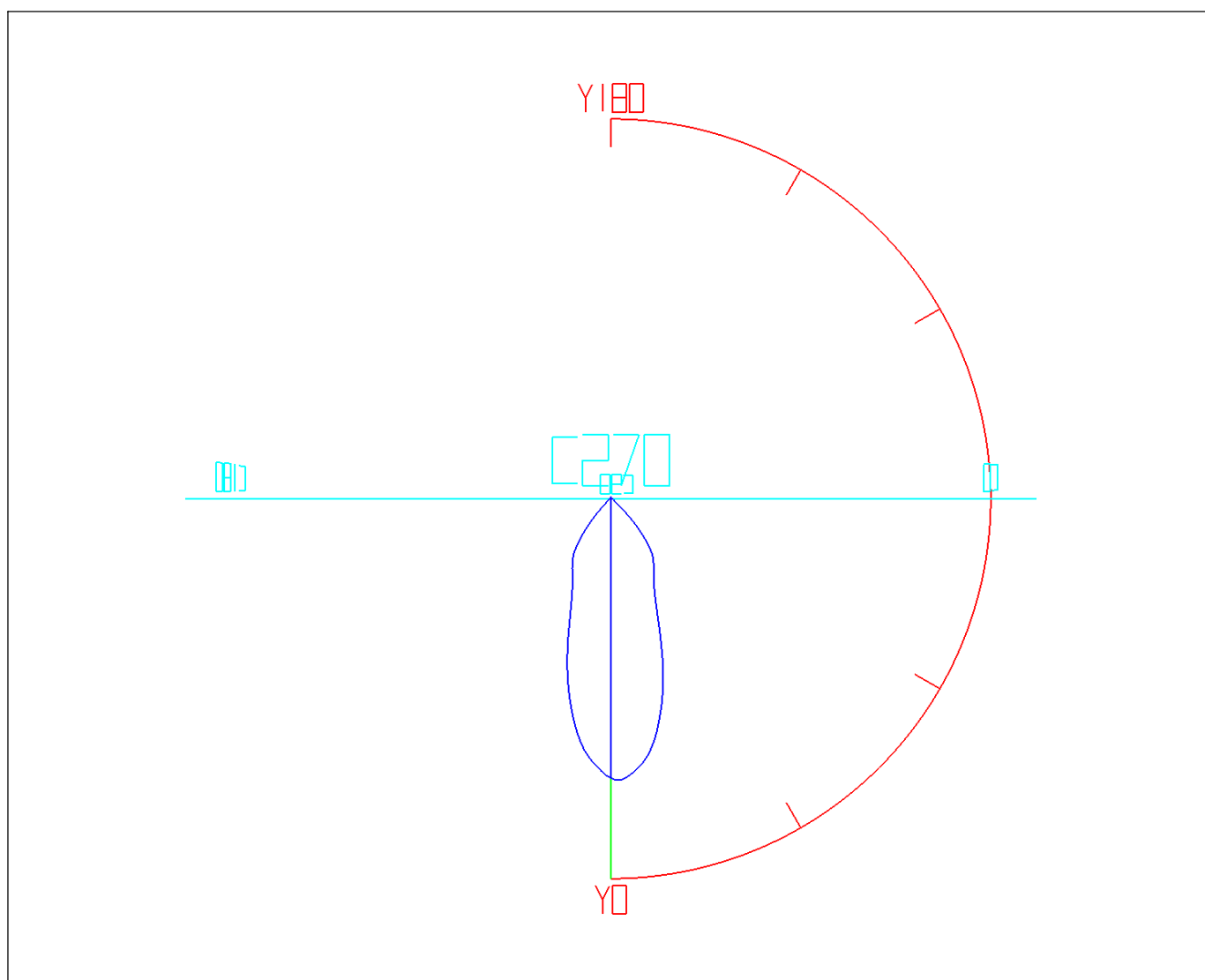
IES Indoor Report

Photometric Filename:MD10-13-XX-02 3000K RA90 38D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-XX-02 3000K 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: 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	1.53	1.53	0.14	0.14	47.0-48.0	5.65	1020.73	0.50	90.81
1.0-2.0	4.58	6.12	0.41	0.54	48.0-49.0	4.63	1025.35	0.41	91.23
2.0-3.0	7.56	13.68	0.67	1.22	49.0-50.0	3.95	1029.30	0.35	91.58
3.0-4.0	10.45	24.12	0.93	2.15	50.0-51.0	3.54	1032.84	0.31	91.89
4.0-5.0	13.23	37.35	1.18	3.32	51.0-52.0	3.27	1036.12	0.29	92.18
5.0-6.0	15.89	53.25	1.41	4.74	52.0-53.0	3.07	1039.19	0.27	92.46
6.0-7.0	18.41	71.66	1.64	6.38	53.0-54.0	2.91	1042.09	0.26	92.71
7.0-8.0	20.75	92.40	1.85	8.22	54.0-55.0	2.77	1044.86	0.25	92.96
8.0-9.0	22.87	115.27	2.03	10.26	55.0-56.0	2.66	1047.52	0.24	93.20
9.0-10.0	24.75	140.02	2.20	12.46	56.0-57.0	2.55	1050.06	0.23	93.42
10.0-11.0	26.37	166.40	2.35	14.80	57.0-58.0	2.44	1052.51	0.22	93.64
11.0-12.0	27.73	194.12	2.47	17.27	58.0-59.0	2.34	1054.84	0.21	93.85
12.0-13.0	28.81	222.93	2.56	19.83	59.0-60.0	2.23	1057.07	0.20	94.05
13.0-14.0	29.63	252.56	2.64	22.47	60.0-61.0	2.13	1059.20	0.19	94.24
14.0-15.0	30.16	282.72	2.68	25.15	61.0-62.0	2.02	1061.22	0.18	94.42
15.0-16.0	30.39	313.11	2.70	27.86	62.0-63.0	1.93	1063.15	0.17	94.59
16.0-17.0	30.32	343.43	2.70	30.55	63.0-64.0	1.84	1065.00	0.16	94.75
17.0-18.0	29.96	373.39	2.67	33.22	64.0-65.0	1.76	1066.76	0.16	94.91
18.0-19.0	29.39	402.78	2.61	35.84	65.0-66.0	1.69	1068.44	0.15	95.06
19.0-20.0	28.68	431.46	2.55	38.39	66.0-67.0	1.62	1070.06	0.14	95.20
20.0-21.0	27.91	459.37	2.48	40.87	67.0-68.0	1.55	1071.61	0.14	95.34
21.0-22.0	27.19	486.56	2.42	43.29	68.0-69.0	1.50	1073.11	0.13	95.47
22.0-23.0	26.60	513.16	2.37	45.66	69.0-70.0	1.46	1074.57	0.13	95.60
23.0-24.0	26.17	539.34	2.33	47.98	70.0-71.0	1.42	1076.00	0.13	95.73
24.0-25.0	25.86	565.20	2.30	50.29	71.0-72.0	1.40	1077.40	0.12	95.86
25.0-26.0	25.67	590.86	2.28	52.57	72.0-73.0	1.39	1078.79	0.12	95.98
26.0-27.0	25.56	616.43	2.27	54.84	73.0-74.0	1.37	1080.16	0.12	96.10
27.0-28.0	25.52	641.94	2.27	57.11	74.0-75.0	1.35	1081.51	0.12	96.22
28.0-29.0	25.51	667.45	2.27	59.38	75.0-76.0	1.33	1082.84	0.12	96.34
29.0-30.0	25.51	692.96	2.27	61.65	76.0-77.0	1.29	1084.13	0.12	96.45
30.0-31.0	25.49	718.45	2.27	63.92	77.0-78.0	1.25	1085.38	0.11	96.57
31.0-32.0	25.45	743.90	2.26	66.18	78.0-79.0	1.20	1086.59	0.11	96.67
32.0-33.0	25.34	769.24	2.25	68.44	79.0-80.0	1.15	1087.74	0.10	96.78
33.0-34.0	25.12	794.36	2.23	70.67	80.0-81.0	1.09	1088.83	0.10	96.87
34.0-35.0	24.75	819.11	2.20	72.88	81.0-82.0	1.03	1089.85	0.09	96.96
35.0-36.0	24.18	843.28	2.15	75.03	82.0-83.0	0.97	1090.82	0.09	97.05
36.0-37.0	23.36	866.64	2.08	77.10	83.0-84.0	0.91	1091.73	0.08	97.13
37.0-38.0	22.28	888.92	1.98	79.09	84.0-85.0	0.85	1092.57	0.08	97.21
38.0-39.0	20.96	909.88	1.86	80.95	85.0-86.0	0.78	1093.35	0.07	97.27
39.0-40.0	19.42	929.31	1.73	82.68	86.0-87.0	0.70	1094.05	0.06	97.34
40.0-41.0	17.74	947.04	1.58	84.26	87.0-88.0	0.62	1094.67	0.05	97.39
41.0-42.0	15.93	962.97	1.42	85.68	88.0-89.0	0.55	1095.22	0.05	97.44
42.0-43.0	14.06	977.03	1.25	86.93	89.0-90.0	0.50	1095.72	0.04	97.49
43.0-44.0	12.17	989.20	1.08	88.01	90.0-91.0	0.48	1096.20	0.04	97.53
44.0-45.0	10.32	999.53	0.92	88.93	91.0-92.0	0.47	1096.67	0.04	97.57
45.0-46.0	8.57	1008.10	0.76	89.69	92.0-93.0	0.46	1097.12	0.04	97.61
46.0-47.0	6.99	1015.08	0.62	90.31	93.0-94.0	0.44	1097.57	0.04	97.65

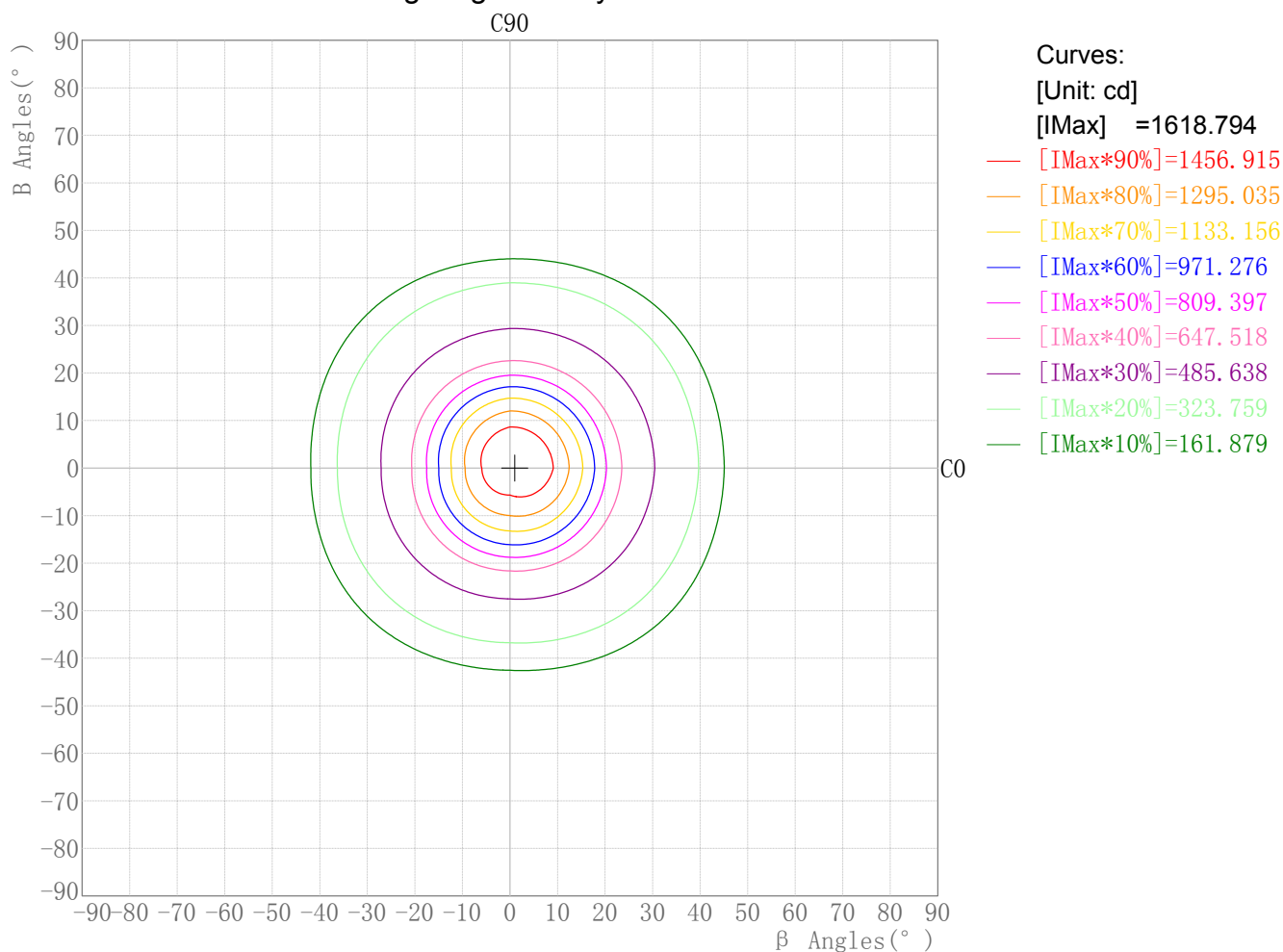
Zonal Flux Tabulation - (Cont.)

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	1098.00	0.04	97.69	141.0-142.0	0.38	1114.72	0.03	99.18
95.0-96.0	0.42	1098.43	0.04	97.73	142.0-143.0	0.38	1115.09	0.03	99.21
96.0-97.0	0.41	1098.84	0.04	97.76	143.0-144.0	0.38	1115.47	0.03	99.24
97.0-98.0	0.40	1099.24	0.04	97.80	144.0-145.0	0.38	1115.85	0.03	99.28
98.0-99.0	0.40	1099.64	0.04	97.83	145.0-146.0	0.38	1116.22	0.03	99.31
99.0-100.0	0.39	1100.03	0.03	97.87	146.0-147.0	0.37	1116.60	0.03	99.34
100.0-101.0	0.38	1100.41	0.03	97.90	147.0-148.0	0.37	1116.97	0.03	99.38
101.0-102.0	0.37	1100.78	0.03	97.94	148.0-149.0	0.37	1117.33	0.03	99.41
102.0-103.0	0.37	1101.15	0.03	97.97	149.0-150.0	0.36	1117.69	0.03	99.44
103.0-104.0	0.36	1101.51	0.03	98.00	150.0-151.0	0.36	1118.05	0.03	99.47
104.0-105.0	0.36	1101.87	0.03	98.03	151.0-152.0	0.35	1118.40	0.03	99.50
105.0-106.0	0.35	1102.22	0.03	98.06	152.0-153.0	0.34	1118.74	0.03	99.53
106.0-107.0	0.35	1102.57	0.03	98.10	153.0-154.0	0.34	1119.08	0.03	99.56
107.0-108.0	0.34	1102.92	0.03	98.13	154.0-155.0	0.33	1119.41	0.03	99.59
108.0-109.0	0.34	1103.26	0.03	98.16	155.0-156.0	0.32	1119.74	0.03	99.62
109.0-110.0	0.34	1103.60	0.03	98.19	156.0-157.0	0.32	1120.05	0.03	99.65
110.0-111.0	0.34	1103.93	0.03	98.22	157.0-158.0	0.31	1120.36	0.03	99.68
111.0-112.0	0.33	1104.27	0.03	98.25	158.0-159.0	0.30	1120.66	0.03	99.70
112.0-113.0	0.33	1104.60	0.03	98.28	159.0-160.0	0.29	1120.94	0.03	99.73
113.0-114.0	0.33	1104.93	0.03	98.31	160.0-161.0	0.28	1121.22	0.02	99.75
114.0-115.0	0.33	1105.26	0.03	98.33	161.0-162.0	0.27	1121.49	0.02	99.78
115.0-116.0	0.33	1105.59	0.03	98.36	162.0-163.0	0.26	1121.75	0.02	99.80
116.0-117.0	0.33	1105.92	0.03	98.39	163.0-164.0	0.24	1121.99	0.02	99.82
117.0-118.0	0.33	1106.25	0.03	98.42	164.0-165.0	0.23	1122.22	0.02	99.84
118.0-119.0	0.33	1106.58	0.03	98.45	165.0-166.0	0.22	1122.44	0.02	99.86
119.0-120.0	0.33	1106.91	0.03	98.48	166.0-167.0	0.21	1122.65	0.02	99.88
120.0-121.0	0.33	1107.25	0.03	98.51	167.0-168.0	0.19	1122.84	0.02	99.90
121.0-122.0	0.33	1107.58	0.03	98.54	168.0-169.0	0.18	1123.02	0.02	99.91
122.0-123.0	0.33	1107.91	0.03	98.57	169.0-170.0	0.16	1123.18	0.01	99.93
123.0-124.0	0.34	1108.25	0.03	98.60	170.0-171.0	0.15	1123.33	0.01	99.94
124.0-125.0	0.34	1108.59	0.03	98.63	171.0-172.0	0.13	1123.46	0.01	99.95
125.0-126.0	0.34	1108.92	0.03	98.66	172.0-173.0	0.12	1123.58	0.01	99.96
126.0-127.0	0.34	1109.27	0.03	98.69	173.0-174.0	0.10	1123.69	0.01	99.97
127.0-128.0	0.34	1109.61	0.03	98.72	174.0-175.0	0.09	1123.78	0.01	99.98
128.0-129.0	0.35	1109.96	0.03	98.75	175.0-176.0	0.07	1123.85	0.01	99.99
129.0-130.0	0.35	1110.31	0.03	98.78	176.0-177.0	0.06	1123.91	0.01	99.99
130.0-131.0	0.35	1110.66	0.03	98.81	177.0-178.0	0.04	1123.95	0.00	100.00
131.0-132.0	0.36	1111.01	0.03	98.85	178.0-179.0	0.02	1123.97	0.00	100.00
132.0-133.0	0.36	1111.37	0.03	98.88	179.0-180.0	0.01	1123.98	0.00	100.00
133.0-134.0	0.36	1111.73	0.03	98.91					
134.0-135.0	0.36	1112.10	0.03	98.94					
135.0-136.0	0.37	1112.47	0.03	98.98					
136.0-137.0	0.37	1112.84	0.03	99.01					
137.0-138.0	0.37	1113.21	0.03	99.04					
138.0-139.0	0.37	1113.58	0.03	99.08					
139.0-140.0	0.38	1113.96	0.03	99.11					
140.0-141.0	0.38	1114.34	0.03	99.14					

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-13-XX-02 3000K 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: 2019/12/23

ISO Lighting Intensity Curve



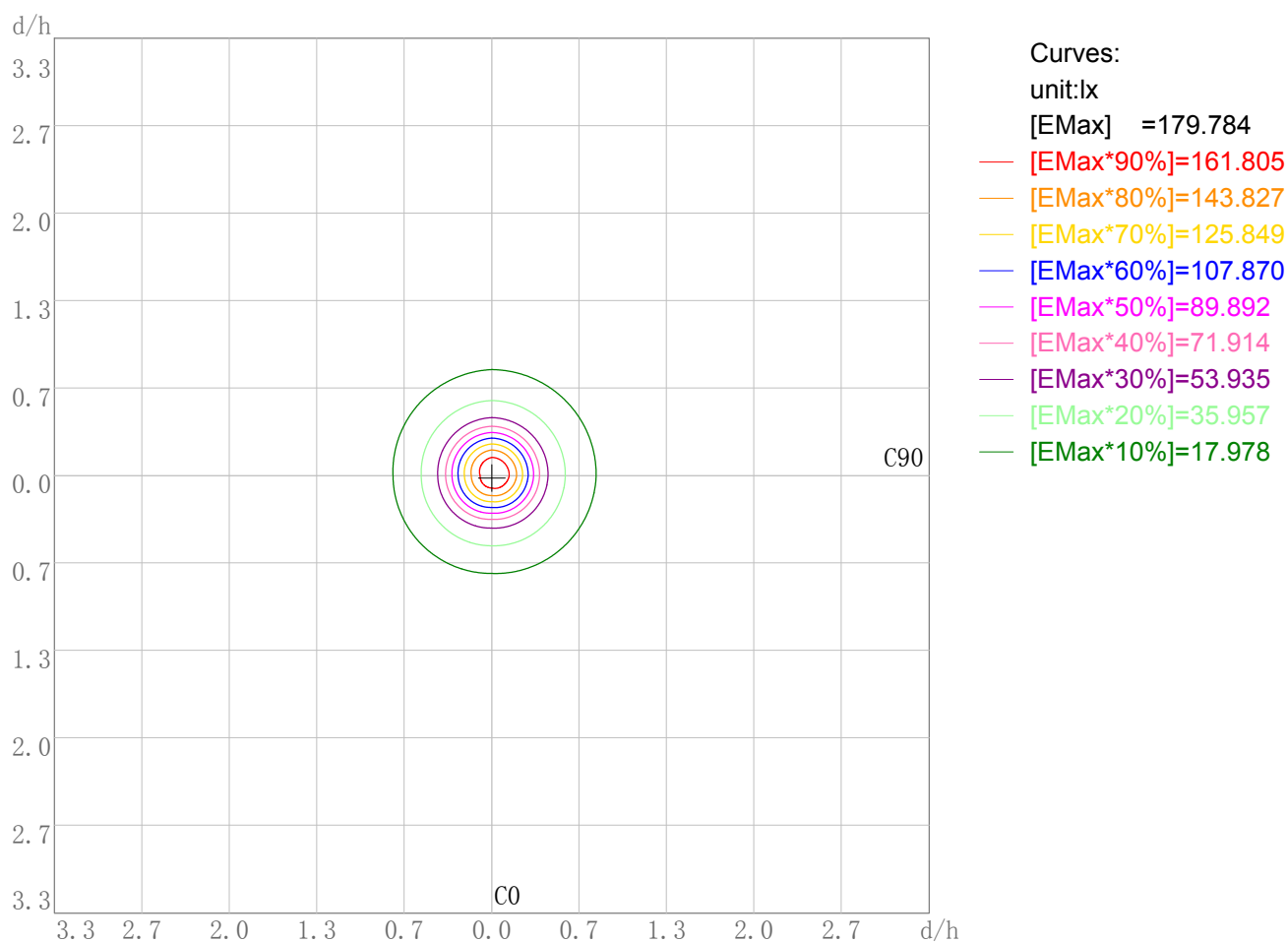
Maximum Light Intensity(cd): 1618.79

Maximum Cand.@Angle: H=1.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-XX-02 3000K 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: 2019/12/23

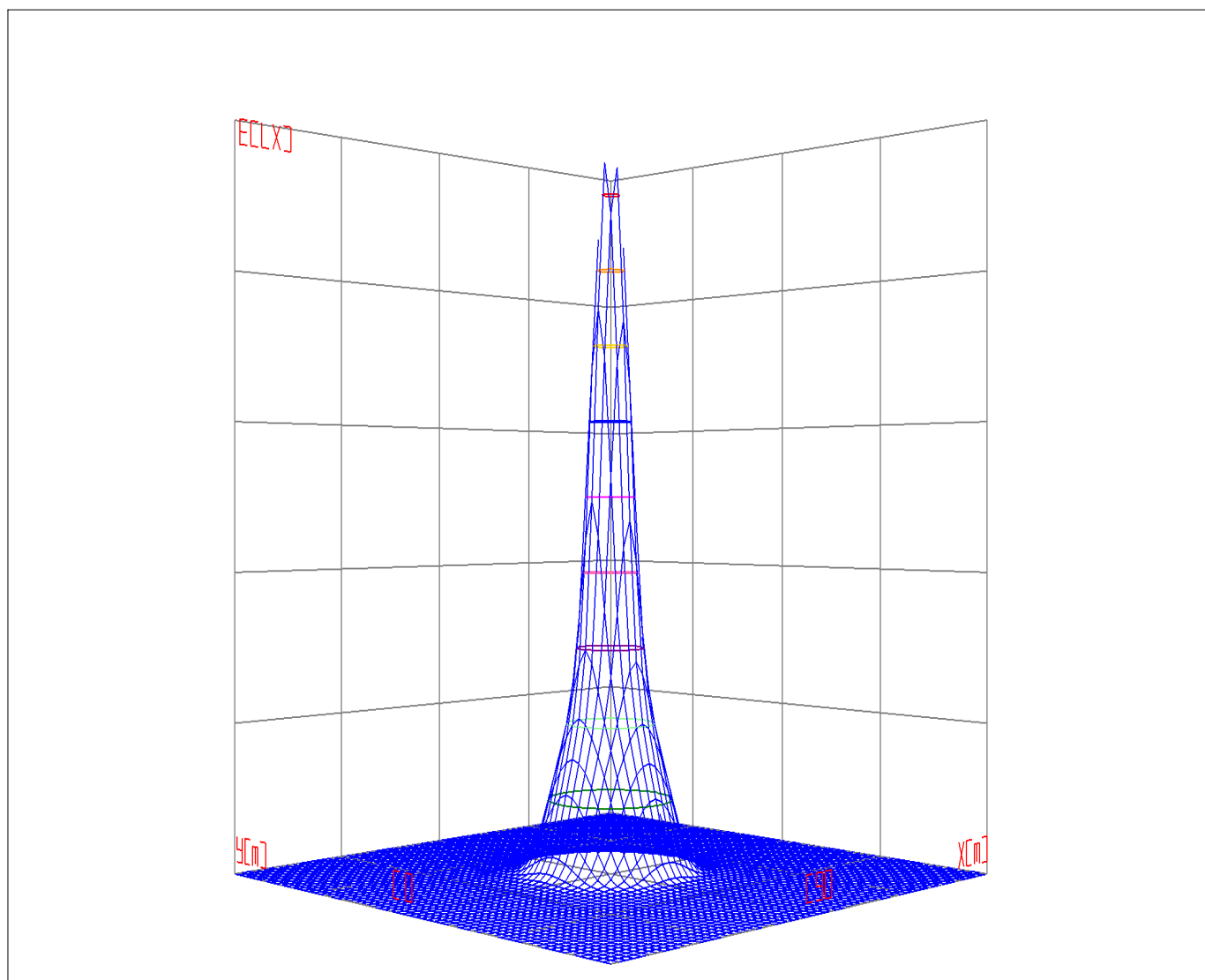
Plane ISO-Illuminance Curve



3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-XX-02 3000K 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: 2019/12/23

3D Plane Illuminance Modal

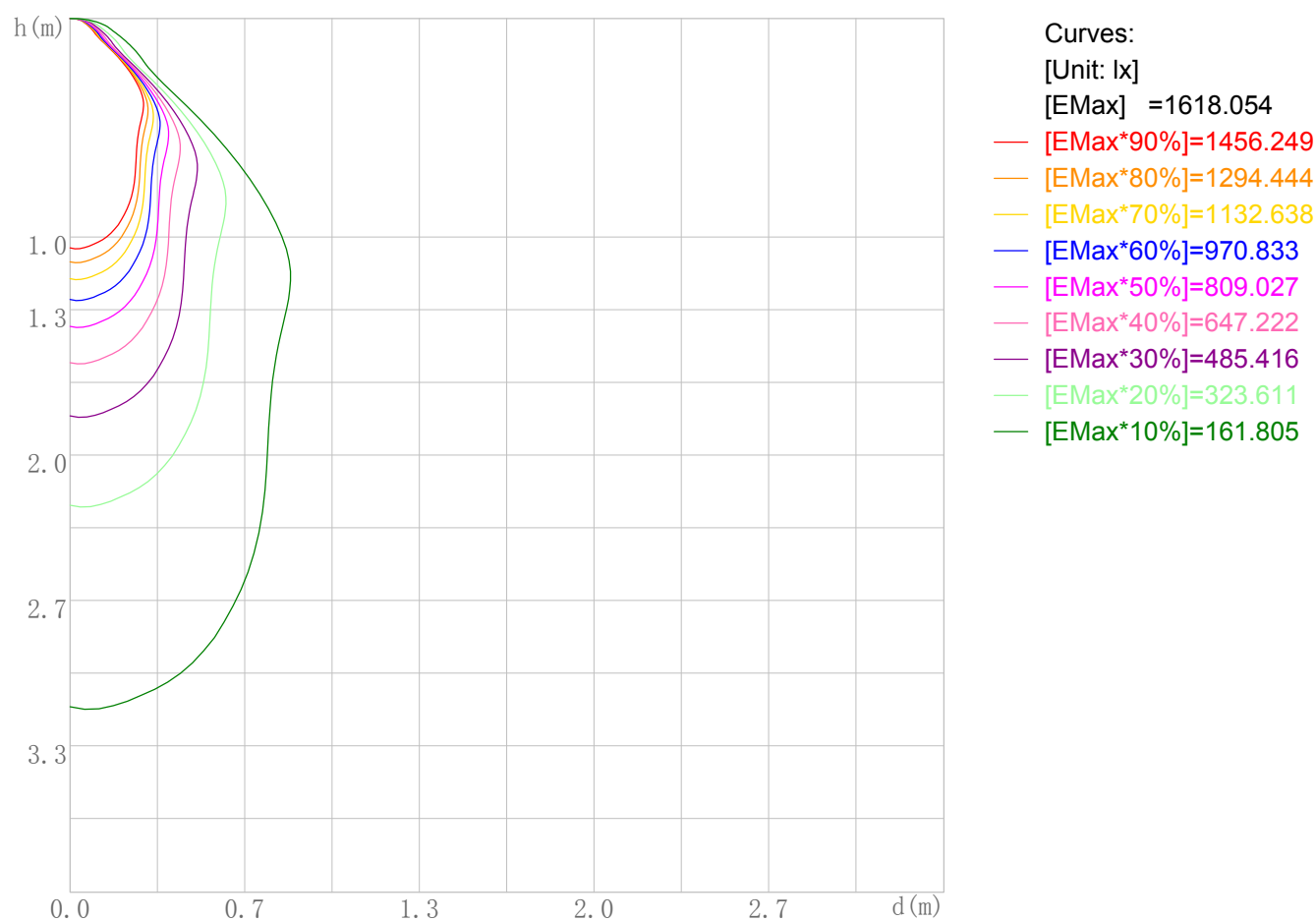


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-13-XX-02 3000K 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: 2019/12/23

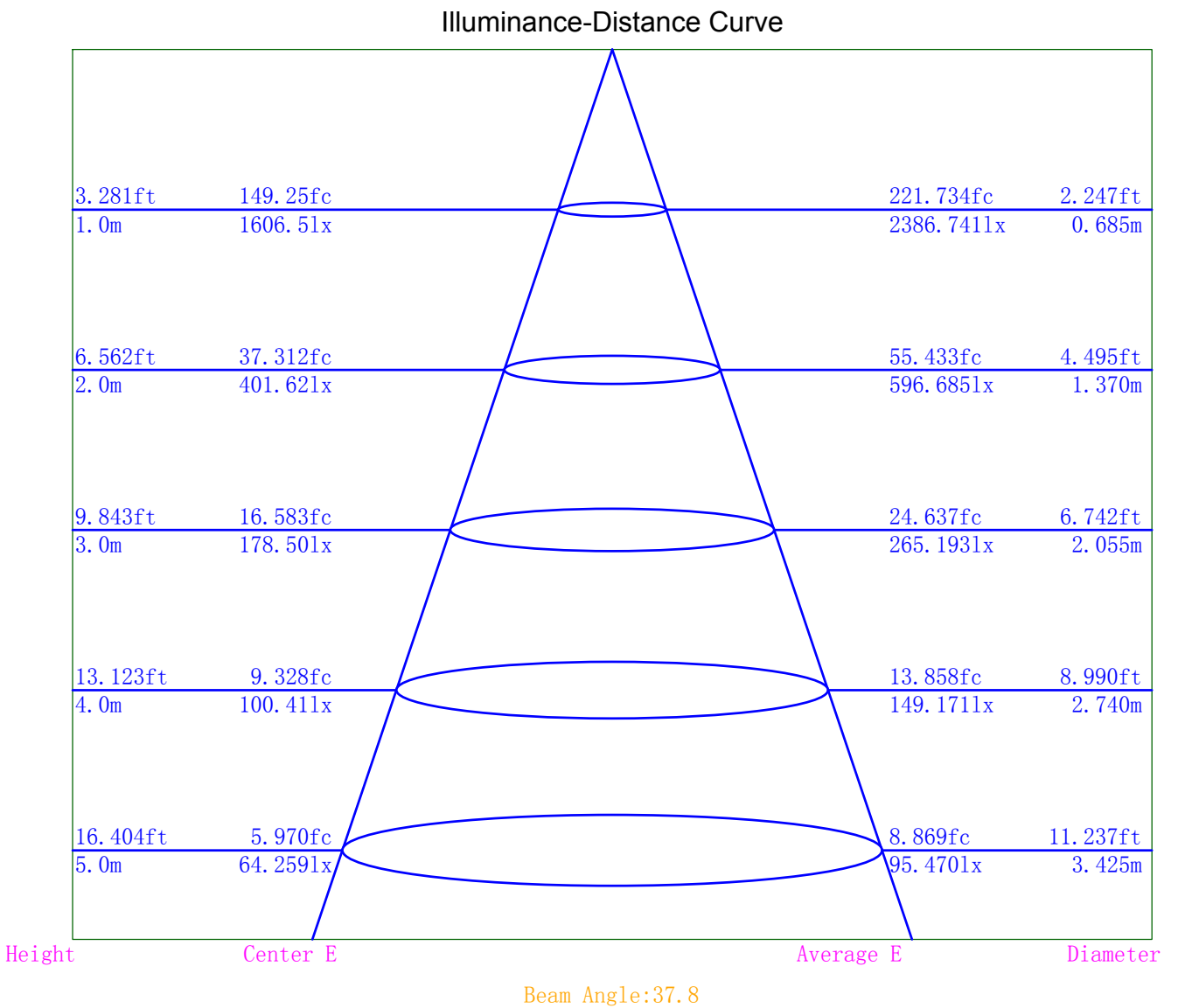
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1618.05lx,1.0deg
 Plane Maximum Lighting Intensity and @Angle:1618.794cd,0deg

Illuminance-Distance Diagram

Lum. Name:MD10-13-XX-02 3000K RA90 38D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog: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 38D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-XX-02 3000K 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: 2019/12/23

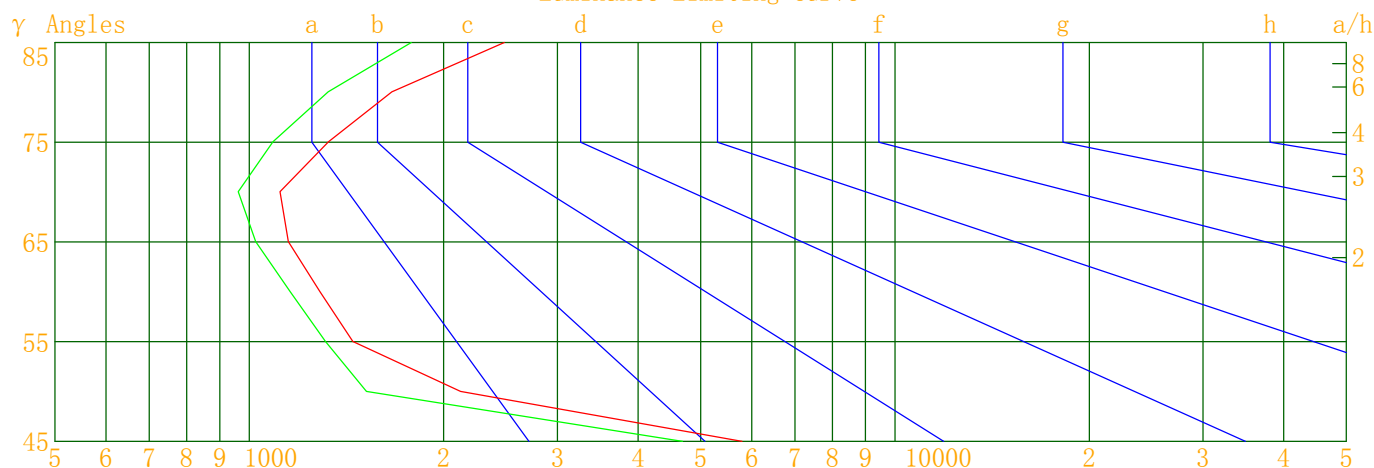
Glare Grade Table

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	5795	2125	1447	1286	1150	1116	1326	1663	2483
C90	4687	1519	1312	1156	1023	961	1088	1325	1782

Luminance Limiting Curve



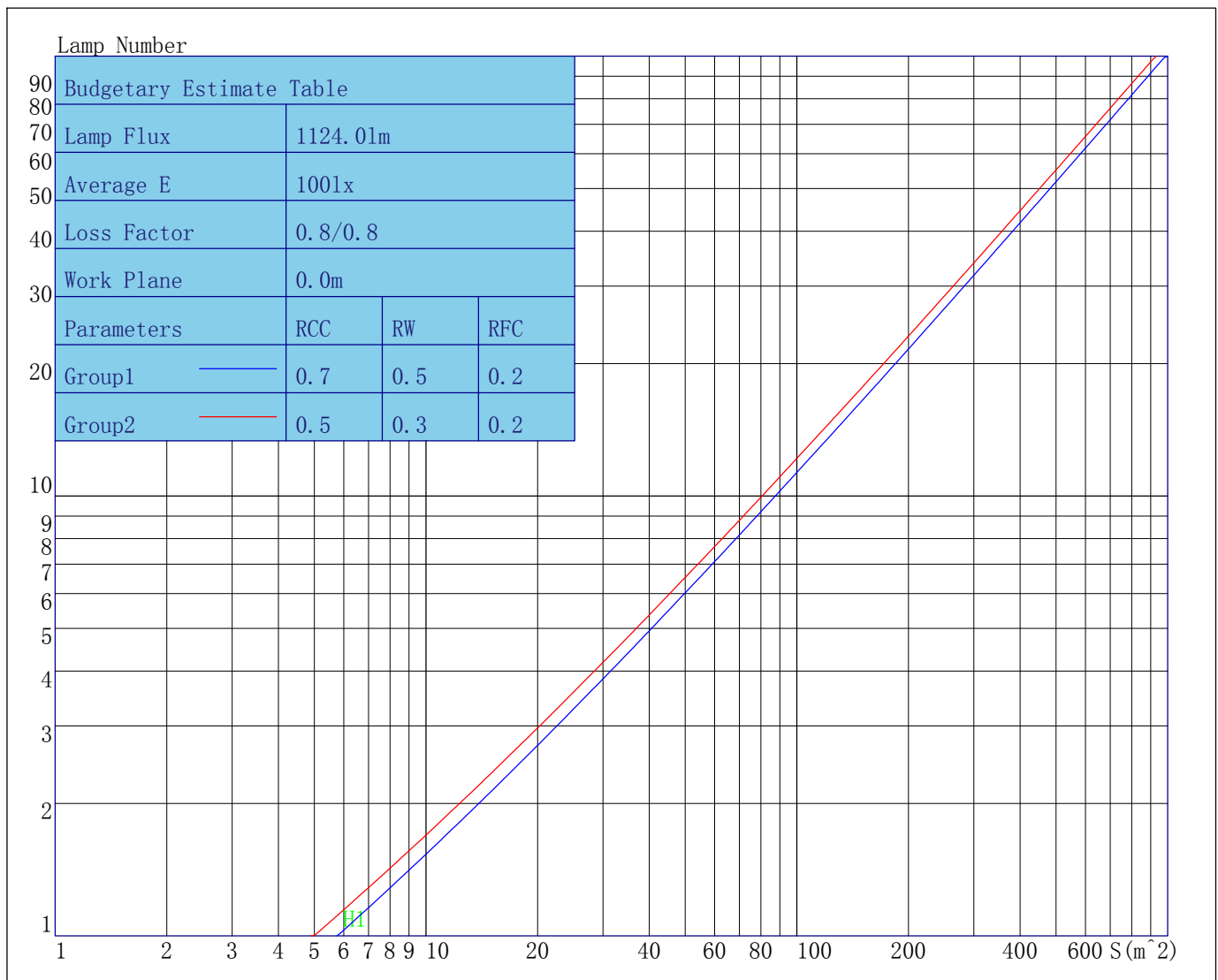
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.750 Area(m^2)=0.040000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-XX-02 3000K RA90 38D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-XX-02 3000K 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: 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

Lum. Name: MD10-13-XX-02 3000K RA90 38D	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: 2019/12/23

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	97
1	112	109	106	104	109	107	104	102	102	100	98	98	96	95	94	93	92	90
2	106	101	96	93	104	99	95	91	95	92	89	92	89	87	88	86	84	83
3	100	93	88	84	98	92	87	83	89	84	81	86	82	79	83	80	78	76
4	95	87	81	76	93	85	80	76	83	78	74	81	77	73	78	75	72	71
5	90	81	75	70	88	80	74	70	78	73	69	76	71	68	74	70	67	66
6	85	76	69	65	83	75	69	65	73	68	64	71	67	63	70	66	63	61
7	81	71	65	60	79	70	64	60	69	63	60	67	63	59	66	62	59	57
8	77	67	61	56	75	66	60	56	65	60	56	64	59	55	62	58	55	54
9	73	63	57	53	72	63	57	53	61	56	52	60	56	52	59	55	52	50
10	70	60	54	50	69	59	54	50	58	53	49	57	53	49	56	52	49	48

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	1606.48	1606.48	1606.48	1606.48
γ 1.0	1618.79	1610.52	1590.40	1585.66
γ 2.0	1618.77	1611.07	1567.78	1563.02
γ 3.0	1608.11	1600.39	1541.09	1534.15
γ 4.0	1592.53	1585.29	1516.91	1506.34
γ 5.0	1571.42	1564.87	1487.72	1476.40
γ 6.0	1551.25	1541.68	1455.14	1447.14
γ 7.0	1526.91	1512.50	1414.18	1415.70
γ 8.0	1497.28	1480.21	1368.68	1379.54
γ 9.0	1461.22	1444.71	1318.26	1338.28
γ 10.0	1418.85	1399.97	1264.94	1294.19
γ 11.0	1373.79	1349.29	1209.56	1246.61
γ 12.0	1319.80	1295.94	1152.52	1197.68
γ 13.0	1265.77	1238.85	1092.97	1145.60
γ 14.0	1211.03	1180.09	1032.33	1092.06
γ 15.0	1153.21	1115.30	969.33	1035.15
γ 16.0	1091.17	1049.56	905.37	977.75
γ 17.0	1026.16	979.41	841.28	916.74
γ 18.0	959.32	912.00	778.83	855.38
γ 19.0	892.14	843.42	721.91	794.56
γ 20.0	827.66	778.84	673.99	735.05
γ 21.0	767.42	720.60	632.81	677.84
γ 22.0	713.92	671.84	596.89	629.89
γ 23.0	668.73	631.40	568.02	590.93
γ 24.0	629.49	596.72	543.43	559.50
γ 25.0	596.16	567.61	522.26	534.07
γ 26.0	569.16	544.09	503.41	512.82
γ 27.0	545.09	524.00	487.11	493.86
γ 28.0	524.88	506.20	472.64	477.73
γ 29.0	507.36	490.57	457.88	462.65
γ 30.0	492.08	476.38	443.85	448.22
γ 31.0	477.85	462.83	429.68	433.64
γ 32.0	464.83	449.78	415.03	419.37
γ 33.0	451.84	436.40	399.20	404.22
γ 34.0	438.05	423.08	380.23	386.73
γ 35.0	424.39	409.55	358.13	366.99
γ 36.0	409.09	393.49	332.30	343.50
γ 37.0	390.62	374.50	304.16	316.86
γ 38.0	368.66	351.15	274.90	289.65
γ 39.0	343.03	323.05	245.26	260.61
γ 40.0	315.12	292.45	215.51	232.58
γ 41.0	285.23	260.65	186.83	203.91
γ 42.0	254.79	227.89	158.64	175.95
γ 43.0	223.84	194.58	132.37	149.69
γ 44.0	193.62	162.57	108.23	125.03
γ 45.0	163.92	132.56	86.53	102.18
γ 46.0	136.36	104.86	67.94	82.26

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	110.17	79.95	54.05	66.99
γ 48.0	86.78	58.71	45.40	56.66
γ 49.0	67.77	45.04	40.25	50.07
γ 50.0	54.63	39.05	36.52	45.49
γ 51.0	46.85	36.76	33.51	41.84
γ 52.0	41.62	34.78	30.91	38.85
γ 53.0	37.63	33.25	28.91	36.32
γ 54.0	35.08	31.59	27.37	33.53
γ 55.0	33.19	30.10	25.90	31.42
γ 56.0	31.64	28.65	24.50	29.62
γ 57.0	30.04	27.25	23.19	28.01
γ 58.0	28.56	25.89	21.83	26.44
γ 59.0	27.21	24.45	20.57	24.94
γ 60.0	25.73	23.13	19.35	23.52
γ 61.0	24.31	21.84	18.21	22.11
γ 62.0	22.98	20.59	17.18	20.82
γ 63.0	21.69	19.46	16.30	19.67
γ 64.0	20.49	18.37	15.53	18.67
γ 65.0	19.43	17.29	14.82	17.73
γ 66.0	18.40	16.33	14.23	16.92
γ 67.0	17.49	15.40	13.68	16.19
γ 68.0	16.66	14.59	13.26	15.52
γ 69.0	15.91	13.86	12.97	14.96
γ 70.0	15.27	13.15	12.83	14.55
γ 71.0	14.76	12.60	12.70	14.39
γ 72.0	14.41	12.18	12.62	14.23
γ 73.0	14.18	11.89	12.46	14.19
γ 74.0	13.98	11.63	12.10	14.02
γ 75.0	13.73	11.27	11.86	13.81
γ 76.0	13.37	11.00	11.40	13.48
γ 77.0	13.11	10.54	10.97	13.15
γ 78.0	12.55	10.12	10.44	12.55
γ 79.0	12.14	9.59	9.94	12.27
γ 80.0	11.55	9.20	9.16	11.57
γ 81.0	11.03	8.45	8.67	10.94
γ 82.0	10.25	8.04	7.93	10.36
γ 83.0	9.80	7.40	7.60	9.73
γ 84.0	9.03	6.89	7.01	9.27
γ 85.0	8.65	6.21	6.35	8.66
γ 86.0	7.95	5.68	5.54	7.81
γ 87.0	7.37	5.05	4.79	6.71
γ 88.0	6.58	4.65	4.22	5.76
γ 89.0	5.80	4.11	4.12	4.96
γ 90.0	4.94	4.00	4.01	4.82
γ 91.0	4.77	3.90	3.91	4.68
γ 92.0	4.65	3.80	3.83	4.57
γ 93.0	4.52	3.72	3.73	4.44

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	4.41	3.63	3.67	4.34
γ 95.0	4.31	3.55	3.58	4.24
γ 96.0	4.20	3.48	3.52	4.15
γ 97.0	4.11	3.40	3.45	4.07
γ 98.0	4.03	3.35	3.39	3.99
γ 99.0	3.94	3.29	3.34	3.91
γ 100.0	3.87	3.24	3.30	3.84
γ 101.0	3.81	3.18	3.26	3.78
γ 102.0	3.74	3.14	3.23	3.73
γ 103.0	3.68	3.11	3.19	3.68
γ 104.0	3.63	3.07	3.18	3.64
γ 105.0	3.57	3.04	3.17	3.61
γ 106.0	3.54	3.02	3.15	3.58
γ 107.0	3.49	3.00	3.14	3.56
γ 108.0	3.46	2.98	3.15	3.55
γ 109.0	3.44	2.97	3.16	3.54
γ 110.0	3.42	2.96	3.17	3.53
γ 111.0	3.40	2.97	3.19	3.52
γ 112.0	3.38	2.97	3.21	3.55
γ 113.0	3.38	2.98	3.24	3.56
γ 114.0	3.38	3.00	3.27	3.58
γ 115.0	3.38	3.02	3.31	3.59
γ 116.0	3.39	3.04	3.36	3.63
γ 117.0	3.41	3.06	3.39	3.65
γ 118.0	3.41	3.10	3.44	3.69
γ 119.0	3.45	3.12	3.50	3.72
γ 120.0	3.46	3.17	3.55	3.77
γ 121.0	3.49	3.21	3.61	3.82
γ 122.0	3.54	3.26	3.68	3.86
γ 123.0	3.58	3.31	3.75	3.92
γ 124.0	3.62	3.36	3.82	3.99
γ 125.0	3.67	3.44	3.90	4.05
γ 126.0	3.73	3.50	4.00	4.12
γ 127.0	3.79	3.58	4.08	4.20
γ 128.0	3.86	3.65	4.19	4.28
γ 129.0	3.93	3.75	4.27	4.38
γ 130.0	4.01	3.82	4.40	4.47
γ 131.0	4.09	3.92	4.50	4.57
γ 132.0	4.19	4.03	4.63	4.68
γ 133.0	4.28	4.13	4.74	4.78
γ 134.0	4.39	4.24	4.87	4.91
γ 135.0	4.50	4.37	5.00	5.03
γ 136.0	4.61	4.48	5.13	5.15
γ 137.0	4.72	4.62	5.25	5.27
γ 138.0	4.85	4.74	5.39	5.39
γ 139.0	4.98	4.87	5.52	5.52
γ 140.0	5.10	5.00	5.67	5.64

IES Indoor Report

Photometric Filename:MD10-13-XX-02 3000K RA90 38D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	5.23	5.14	5.78	5.77
γ 142.0	5.36	5.26	5.91	5.89
γ 143.0	5.49	5.40	6.03	6.01
γ 144.0	5.62	5.53	6.15	6.12
γ 145.0	5.74	5.66	6.27	6.23
γ 146.0	5.88	5.79	6.40	6.34
γ 147.0	5.99	5.90	6.50	6.44
γ 148.0	6.10	6.02	6.61	6.54
γ 149.0	6.22	6.14	6.72	6.65
γ 150.0	6.32	6.24	6.83	6.76
γ 151.0	6.45	6.36	6.93	6.84
γ 152.0	6.55	6.47	7.05	6.95
γ 153.0	6.66	6.58	7.13	7.05
γ 154.0	6.77	6.69	7.25	7.15
γ 155.0	6.89	6.80	7.34	7.24
γ 156.0	6.99	6.91	7.45	7.33
γ 157.0	7.11	7.02	7.55	7.42
γ 158.0	7.20	7.13	7.64	7.51
γ 159.0	7.31	7.22	7.72	7.59
γ 160.0	7.42	7.32	7.80	7.66
γ 161.0	7.52	7.42	7.87	7.74
γ 162.0	7.63	7.51	7.95	7.82
γ 163.0	7.70	7.60	8.02	7.88
γ 164.0	7.79	7.68	8.07	7.93
γ 165.0	7.87	7.75	8.13	7.99
γ 166.0	7.95	7.81	8.18	8.05
γ 167.0	8.01	7.88	8.23	8.10
γ 168.0	8.09	7.94	8.27	8.15
γ 169.0	8.14	8.00	8.32	8.19
γ 170.0	8.20	8.06	8.38	8.24
γ 171.0	8.26	8.12	8.42	8.29
γ 172.0	8.34	8.16	8.47	8.32
γ 173.0	8.38	8.23	8.52	8.39
γ 174.0	8.46	8.30	8.55	8.43
γ 175.0	8.52	8.34	8.59	8.47
γ 176.0	8.55	8.39	8.63	8.52
γ 177.0	8.60	8.44	8.64	8.55
γ 178.0	8.63	8.47	8.67	8.58
γ 179.0	8.67	8.50	8.69	8.60
γ 180.0	8.65	8.65	8.65	8.65