

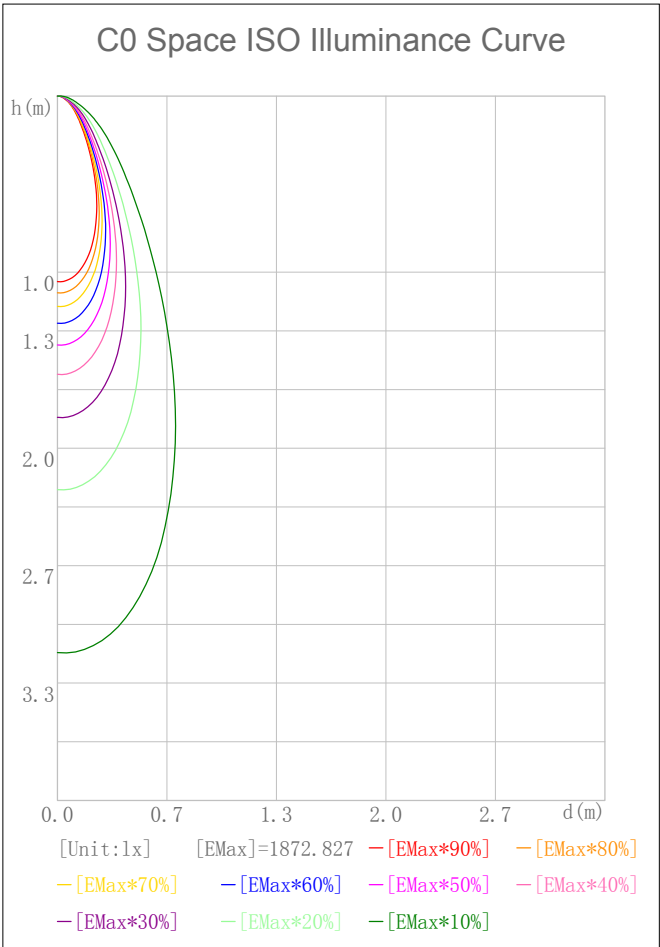
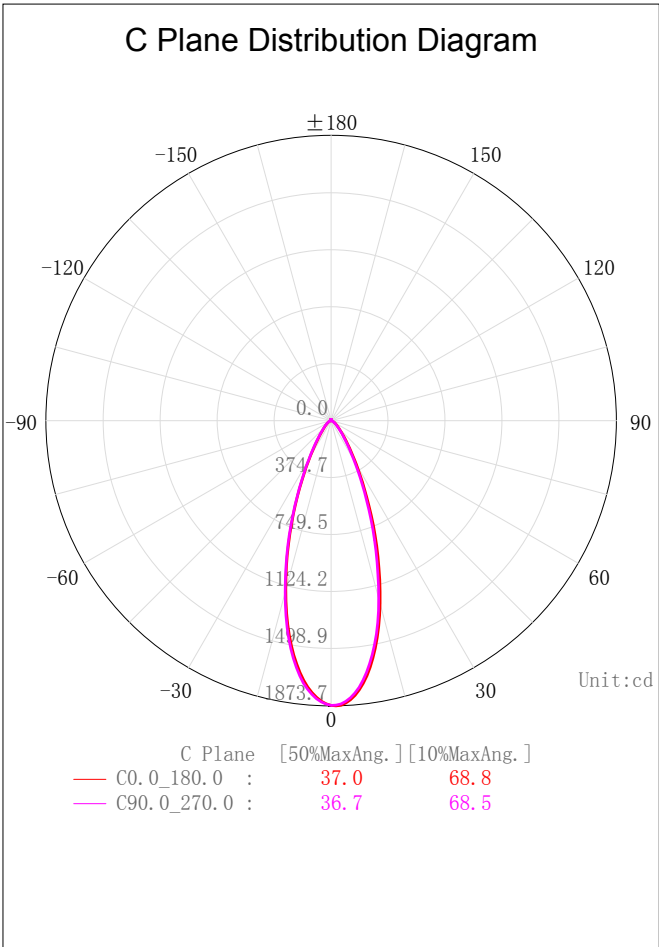
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-TW-01 2700K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2020/01/08
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(%):

Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 978.630	Luminary Flux(lm): 978.932	Field Angle(10%Imax): 68.8(°)
Rated Power(W):	Luminary Efficiency: 100.03%	Down Lumens&Percent: 951.272lm 97.17%
Rated Voltage(V):	Luminary EER(lm/W): 93.767	Up Lumens&Percent: 27.660lm 2.83%
Tested Power(W): 10.440	Max. Candela(cd): 1873.683	S/MH: C0_a180=0.602 C90_270=0.597
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):34.8, 0.299	Beam Angle(50%Imax): 37.0(°)	ErP ϕ use(90°): 865.153lm
Lamp Size(W*L*H):0.498m*0.498m*0.750m	Left=-17.9°, Right=19.1°	IRF(%): 422.676



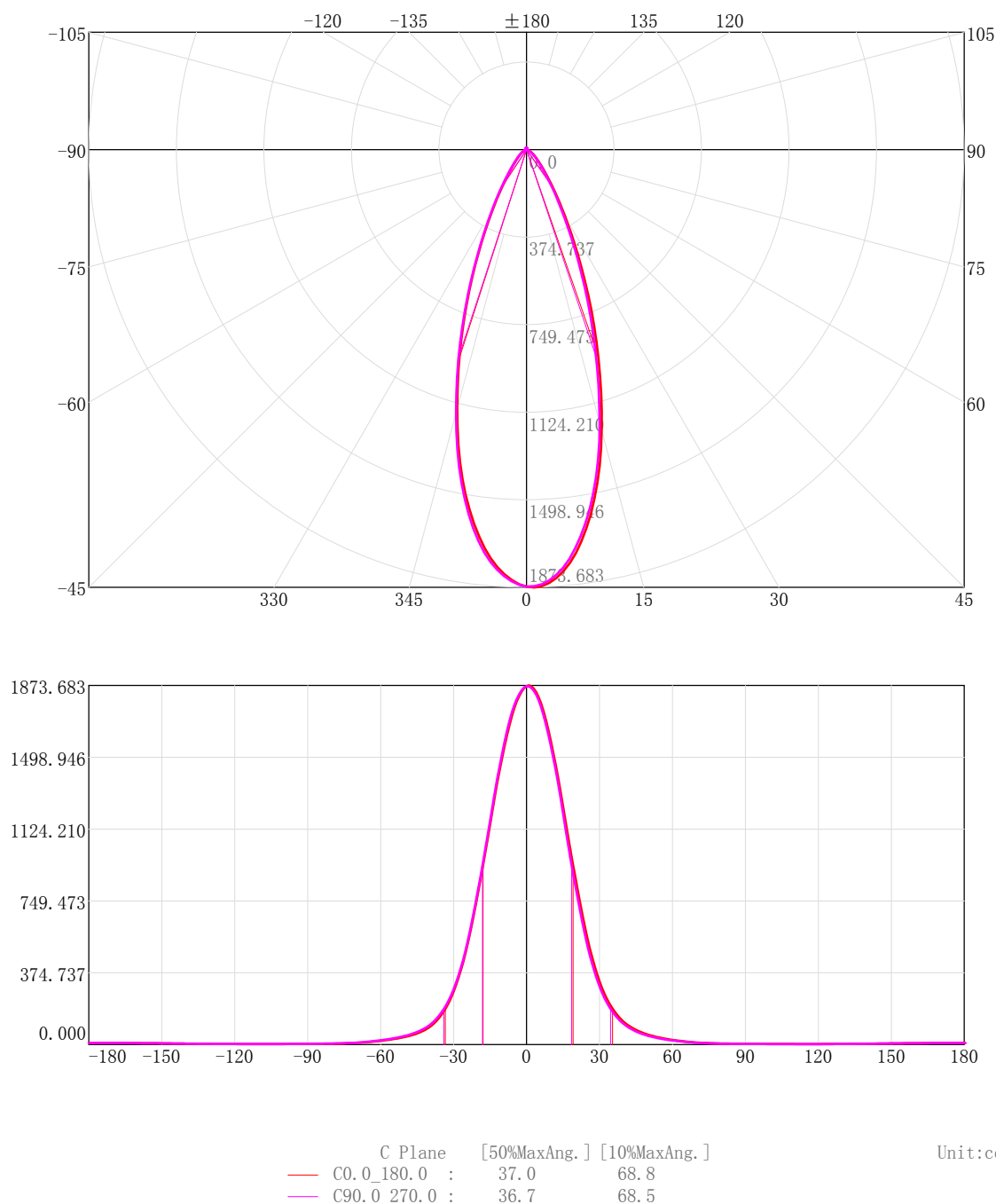
IES Indoor Report

Photometric Filename:MD10-13-TW-01 2700K RA90 36D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-TW-01 2700K 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: 2020/01/08

C Plane Distribution Diagram



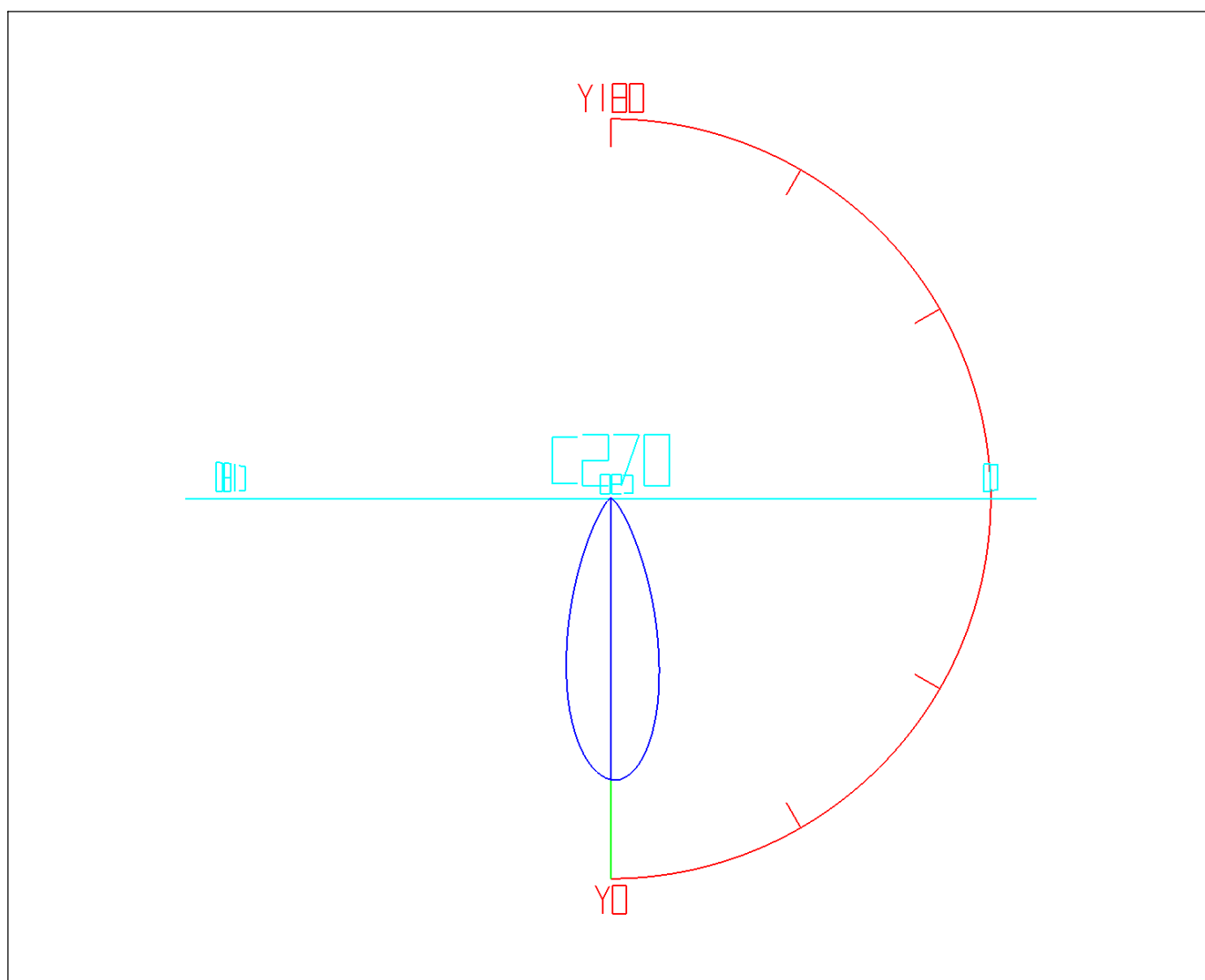
IES Indoor Report

Photometric Filename:MD10-13-TW-01 2700K RA90 36D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-TW-01 2700K 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: 2020/01/08

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	1.79	1.79	0.18	0.18	47.0-48.0	4.50	884.91	0.46	90.42
1.0-2.0	5.34	7.13	0.55	0.73	48.0-49.0	4.24	889.15	0.43	90.86
2.0-3.0	8.83	15.96	0.90	1.63	49.0-50.0	4.00	893.14	0.41	91.26
3.0-4.0	12.22	28.18	1.25	2.88	50.0-51.0	3.77	896.91	0.39	91.65
4.0-5.0	15.47	43.66	1.58	4.46	51.0-52.0	3.55	900.47	0.36	92.01
5.0-6.0	18.55	62.21	1.90	6.36	52.0-53.0	3.35	903.82	0.34	92.36
6.0-7.0	21.41	83.62	2.19	8.54	53.0-54.0	3.16	906.99	0.32	92.68
7.0-8.0	24.02	107.64	2.45	11.00	54.0-55.0	2.99	909.97	0.31	92.98
8.0-9.0	26.36	134.00	2.69	13.69	55.0-56.0	2.81	912.79	0.29	93.27
9.0-10.0	28.42	162.42	2.90	16.60	56.0-57.0	2.65	915.44	0.27	93.54
10.0-11.0	30.17	192.59	3.08	19.68	57.0-58.0	2.49	917.93	0.25	93.80
11.0-12.0	31.59	224.18	3.23	22.91	58.0-59.0	2.35	920.28	0.24	94.04
12.0-13.0	32.67	256.85	3.34	26.25	59.0-60.0	2.20	922.48	0.23	94.26
13.0-14.0	33.39	290.23	3.41	29.66	60.0-61.0	2.07	924.55	0.21	94.47
14.0-15.0	33.75	323.98	3.45	33.11	61.0-62.0	1.94	926.49	0.20	94.67
15.0-16.0	33.79	357.77	3.45	36.56	62.0-63.0	1.81	928.30	0.19	94.86
16.0-17.0	33.57	391.34	3.43	39.99	63.0-64.0	1.70	930.00	0.17	95.03
17.0-18.0	33.11	424.46	3.38	43.37	64.0-65.0	1.58	931.58	0.16	95.19
18.0-19.0	32.40	456.86	3.31	46.68	65.0-66.0	1.47	933.05	0.15	95.34
19.0-20.0	31.48	488.34	3.22	49.90	66.0-67.0	1.37	934.42	0.14	95.48
20.0-21.0	30.38	518.72	3.10	53.00	67.0-68.0	1.26	935.68	0.13	95.61
21.0-22.0	29.12	547.83	2.98	55.98	68.0-69.0	1.17	936.85	0.12	95.73
22.0-23.0	27.72	575.55	2.83	58.81	69.0-70.0	1.08	937.93	0.11	95.84
23.0-24.0	26.21	601.76	2.68	61.49	70.0-71.0	1.02	938.94	0.10	95.94
24.0-25.0	24.63	626.39	2.52	64.01	71.0-72.0	0.96	939.90	0.10	96.04
25.0-26.0	23.05	649.43	2.35	66.36	72.0-73.0	0.90	940.80	0.09	96.13
26.0-27.0	21.49	670.92	2.20	68.56	73.0-74.0	0.85	941.65	0.09	96.22
27.0-28.0	19.98	690.90	2.04	70.60	74.0-75.0	0.80	942.45	0.08	96.30
28.0-29.0	18.52	709.42	1.89	72.49	75.0-76.0	0.76	943.21	0.08	96.38
29.0-30.0	17.12	726.55	1.75	74.24	76.0-77.0	0.71	943.92	0.07	96.45
30.0-31.0	15.81	742.35	1.62	75.86	77.0-78.0	0.68	944.60	0.07	96.52
31.0-32.0	14.59	756.94	1.49	77.35	78.0-79.0	0.65	945.25	0.07	96.59
32.0-33.0	13.45	770.39	1.37	78.72	79.0-80.0	0.63	945.88	0.06	96.65
33.0-34.0	12.40	782.79	1.27	79.99	80.0-81.0	0.61	946.50	0.06	96.72
34.0-35.0	11.43	794.22	1.17	81.16	81.0-82.0	0.60	947.09	0.06	96.78
35.0-36.0	10.53	804.75	1.08	82.23	82.0-83.0	0.58	947.67	0.06	96.84
36.0-37.0	9.70	814.46	0.99	83.22	83.0-84.0	0.56	948.24	0.06	96.89
37.0-38.0	8.95	823.41	0.91	84.14	84.0-85.0	0.55	948.78	0.06	96.95
38.0-39.0	8.28	831.69	0.85	84.98	85.0-86.0	0.53	949.31	0.05	97.00
39.0-40.0	7.67	839.36	0.78	85.77	86.0-87.0	0.51	949.83	0.05	97.06
40.0-41.0	7.13	846.48	0.73	86.50	87.0-88.0	0.50	950.32	0.05	97.11
41.0-42.0	6.63	853.12	0.68	87.17	88.0-89.0	0.48	950.80	0.05	97.16
42.0-43.0	6.19	859.31	0.63	87.81	89.0-90.0	0.47	951.27	0.05	97.20
43.0-44.0	5.79	865.09	0.59	88.40	90.0-91.0	0.46	951.73	0.05	97.25
44.0-45.0	5.42	870.52	0.55	88.95	91.0-92.0	0.45	952.18	0.05	97.30
45.0-46.0	5.09	875.61	0.52	89.47	92.0-93.0	0.44	952.62	0.04	97.34
46.0-47.0	4.79	880.40	0.49	89.96	93.0-94.0	0.43	953.05	0.04	97.39

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	0.42	953.47	0.04	97.43	141.0-142.0	0.37	969.62	0.04	99.08
95.0-96.0	0.41	953.88	0.04	97.47	142.0-143.0	0.37	969.99	0.04	99.12
96.0-97.0	0.41	954.29	0.04	97.51	143.0-144.0	0.37	970.37	0.04	99.16
97.0-98.0	0.40	954.69	0.04	97.55	144.0-145.0	0.37	970.74	0.04	99.19
98.0-99.0	0.39	955.08	0.04	97.59	145.0-146.0	0.37	971.11	0.04	99.23
99.0-100.0	0.39	955.47	0.04	97.63	146.0-147.0	0.37	971.49	0.04	99.27
100.0-101.0	0.38	955.85	0.04	97.67	147.0-148.0	0.37	971.86	0.04	99.31
101.0-102.0	0.37	956.22	0.04	97.71	148.0-149.0	0.37	972.23	0.04	99.35
102.0-103.0	0.37	956.59	0.04	97.75	149.0-150.0	0.37	972.60	0.04	99.38
103.0-104.0	0.36	956.95	0.04	97.78	150.0-151.0	0.36	972.96	0.04	99.42
104.0-105.0	0.36	957.30	0.04	97.82	151.0-152.0	0.36	973.32	0.04	99.46
105.0-106.0	0.35	957.65	0.04	97.86	152.0-153.0	0.35	973.67	0.04	99.49
106.0-107.0	0.35	958.00	0.04	97.89	153.0-154.0	0.35	974.01	0.04	99.53
107.0-108.0	0.34	958.34	0.03	97.93	154.0-155.0	0.34	974.35	0.03	99.56
108.0-109.0	0.34	958.68	0.03	97.96	155.0-156.0	0.33	974.68	0.03	99.60
109.0-110.0	0.33	959.01	0.03	98.00	156.0-157.0	0.32	975.01	0.03	99.63
110.0-111.0	0.33	959.34	0.03	98.03	157.0-158.0	0.31	975.32	0.03	99.66
111.0-112.0	0.33	959.66	0.03	98.06	158.0-159.0	0.30	975.62	0.03	99.69
112.0-113.0	0.32	959.99	0.03	98.10	159.0-160.0	0.29	975.92	0.03	99.72
113.0-114.0	0.32	960.31	0.03	98.13	160.0-161.0	0.28	976.20	0.03	99.75
114.0-115.0	0.32	960.63	0.03	98.16	161.0-162.0	0.27	976.47	0.03	99.78
115.0-116.0	0.32	960.94	0.03	98.19	162.0-163.0	0.26	976.73	0.03	99.81
116.0-117.0	0.31	961.26	0.03	98.22	163.0-164.0	0.24	976.97	0.03	99.83
117.0-118.0	0.31	961.57	0.03	98.26	164.0-165.0	0.23	977.20	0.02	99.85
118.0-119.0	0.31	961.88	0.03	98.29	165.0-166.0	0.22	977.42	0.02	99.88
119.0-120.0	0.31	962.19	0.03	98.32	166.0-167.0	0.20	977.63	0.02	99.90
120.0-121.0	0.31	962.50	0.03	98.35	167.0-168.0	0.19	977.82	0.02	99.92
121.0-122.0	0.31	962.82	0.03	98.38	168.0-169.0	0.18	977.99	0.02	99.93
122.0-123.0	0.31	963.13	0.03	98.42	169.0-170.0	0.16	978.15	0.02	99.95
123.0-124.0	0.31	963.45	0.03	98.45	170.0-171.0	0.15	978.30	0.01	99.97
124.0-125.0	0.32	963.76	0.03	98.48	171.0-172.0	0.13	978.43	0.01	99.98
125.0-126.0	0.32	964.08	0.03	98.51	172.0-173.0	0.12	978.55	0.01	99.99
126.0-127.0	0.32	964.40	0.03	98.55	173.0-174.0	0.10	978.65	0.01	100.00
127.0-128.0	0.32	964.72	0.03	98.58	174.0-175.0	0.09	978.73	0.01	100.01
128.0-129.0	0.33	965.05	0.03	98.61	175.0-176.0	0.07	978.81	0.01	100.02
129.0-130.0	0.33	965.38	0.03	98.65	176.0-177.0	0.06	978.86	0.01	100.02
130.0-131.0	0.33	965.71	0.03	98.68	177.0-178.0	0.04	978.90	0.00	100.03
131.0-132.0	0.34	966.05	0.03	98.71	178.0-179.0	0.02	978.92	0.00	100.03
132.0-133.0	0.34	966.39	0.03	98.75	179.0-180.0	0.01	978.93	0.00	100.03
133.0-134.0	0.34	966.73	0.04	98.78					
134.0-135.0	0.35	967.08	0.04	98.82					
135.0-136.0	0.35	967.44	0.04	98.86					
136.0-137.0	0.36	967.79	0.04	98.89					
137.0-138.0	0.36	968.15	0.04	98.93					
138.0-139.0	0.36	968.51	0.04	98.97					
139.0-140.0	0.37	968.88	0.04	99.00					
140.0-141.0	0.37	969.25	0.04	99.04					

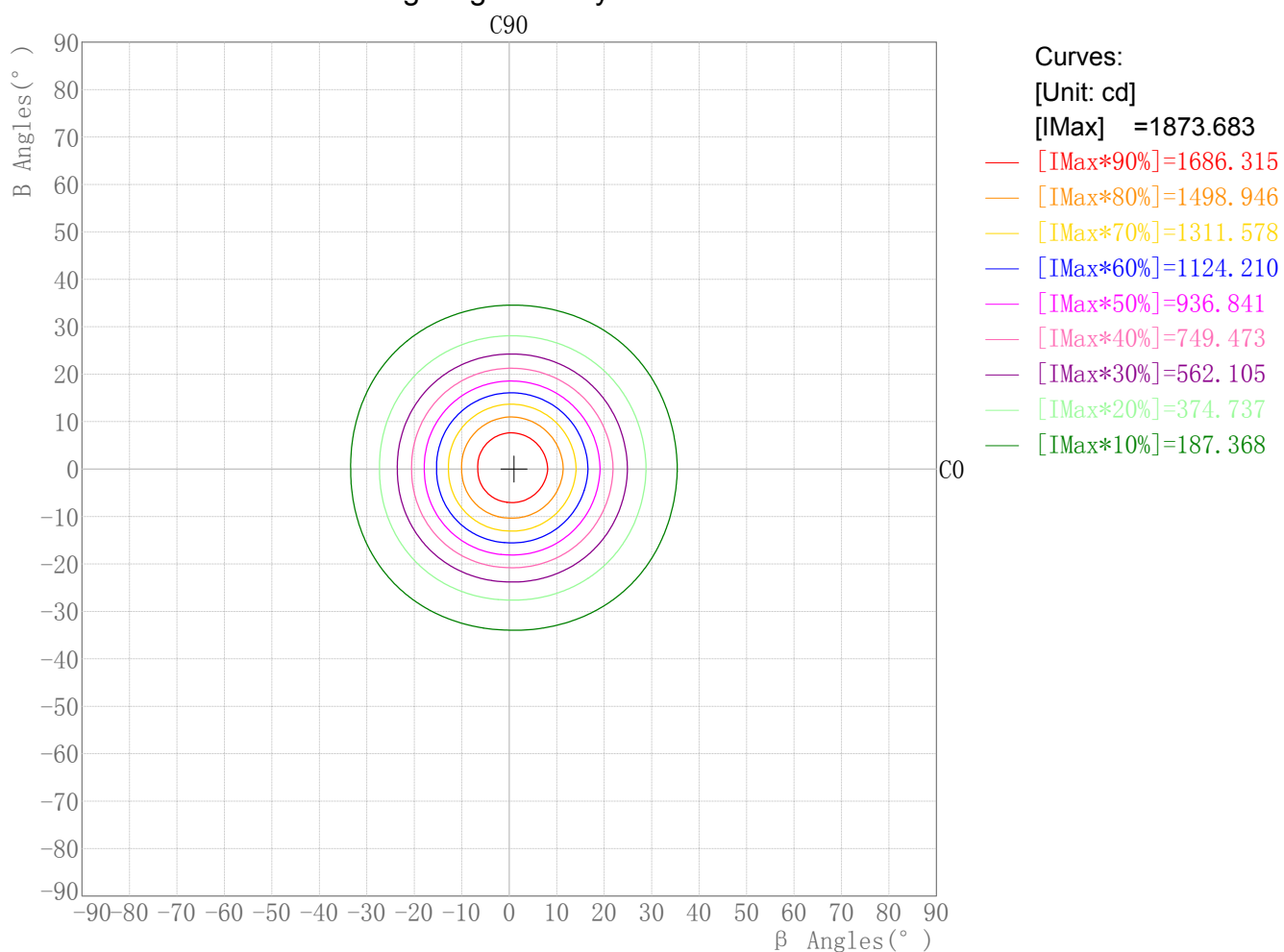
IES Indoor Report

Photometric Filename:MD10-13-TW-01 2700K RA90 36D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-13-TW-01 2700K 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: 2020/01/08

ISO Lighting Intensity Curve



Maximum Light Intensity(cd): 1873.68

Maximum Cand.@Angle: H=1.0°,V=0.0°

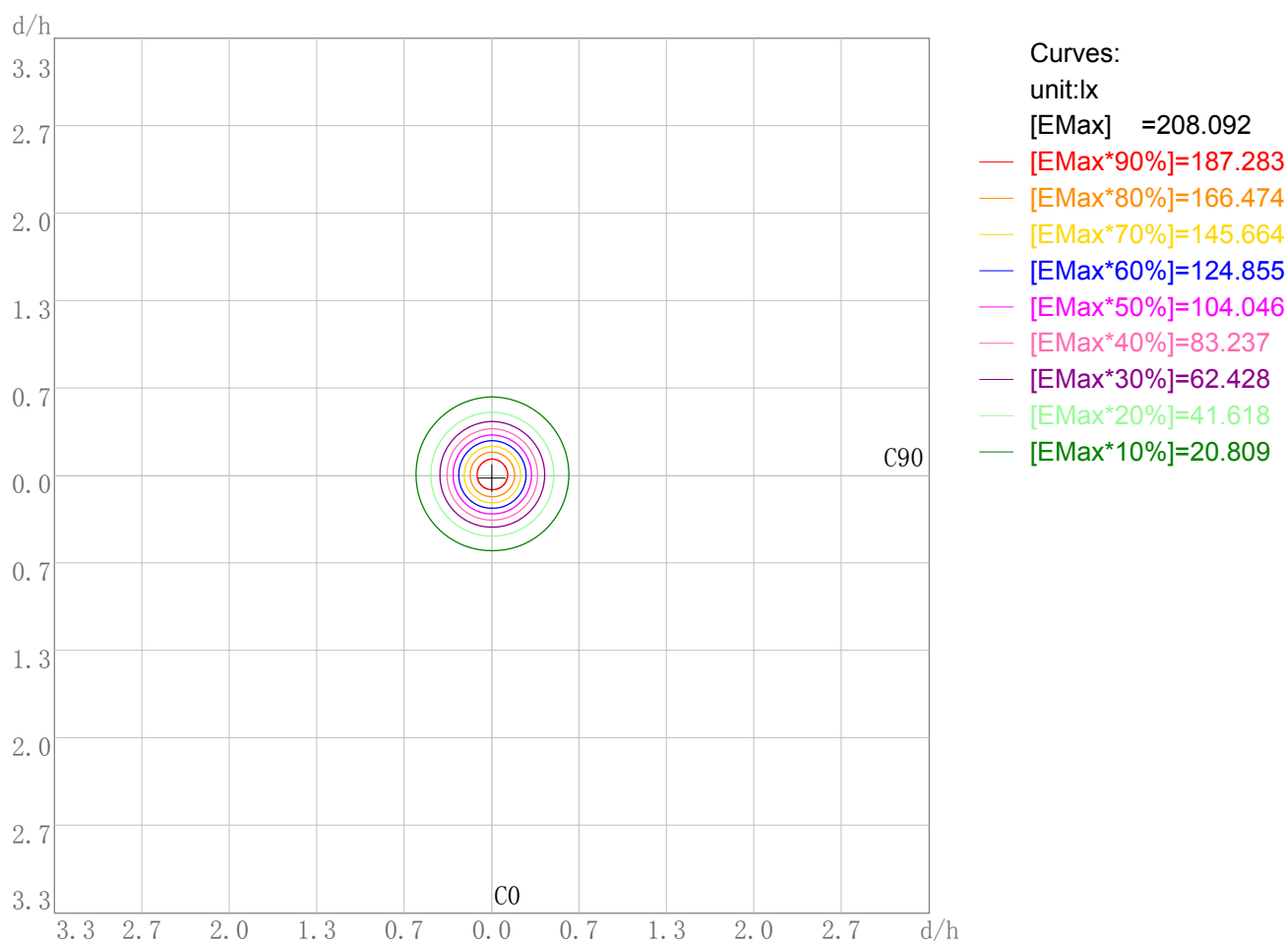
IES Indoor Report

Photometric Filename:MD10-13-TW-01 2700K RA90 36D.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-TW-01 2700K 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: 2020/01/08

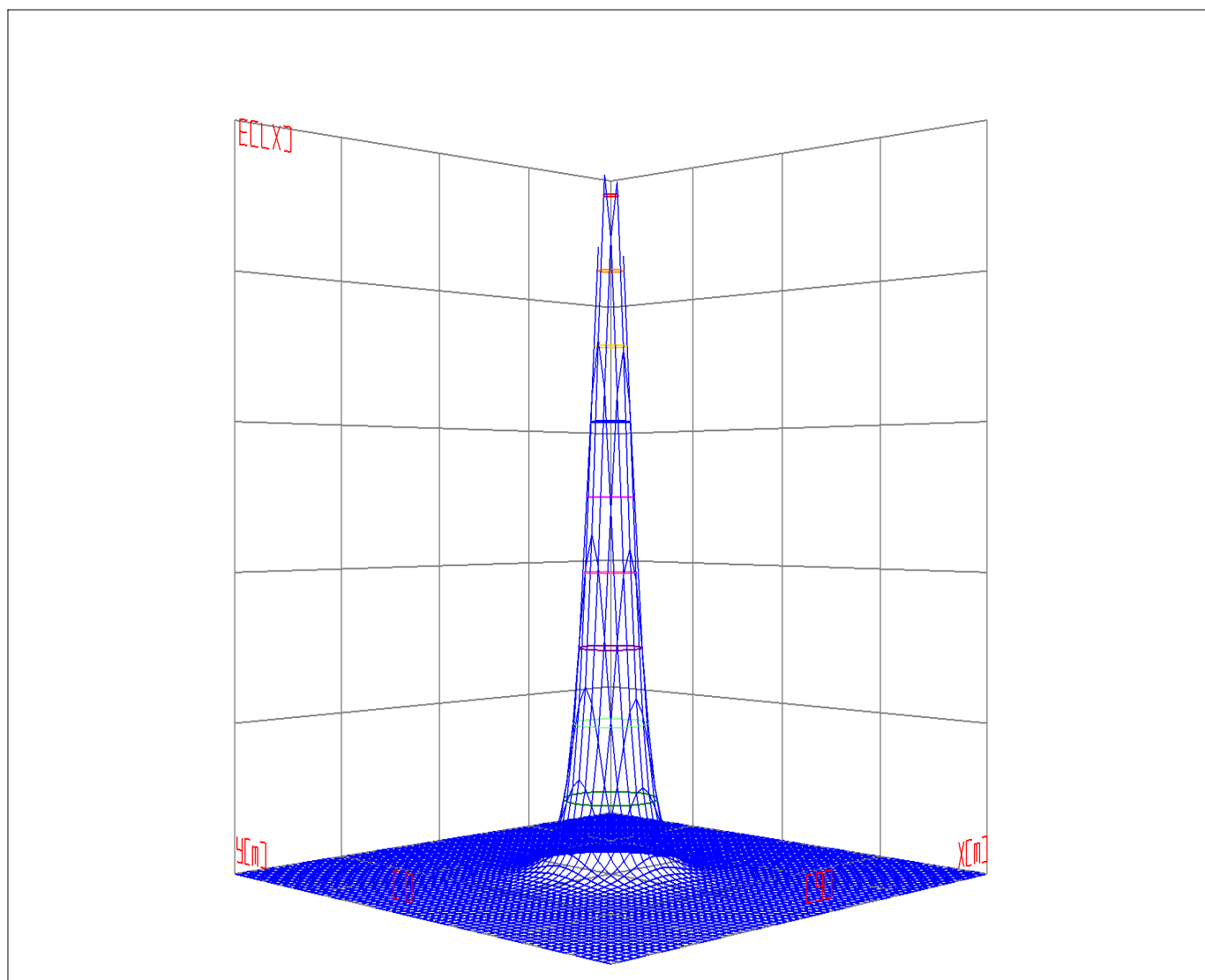
Plane ISO-Illuminance Curve



3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-TW-01 2700K 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: 2020/01/08

3D Plane Illuminance Modal

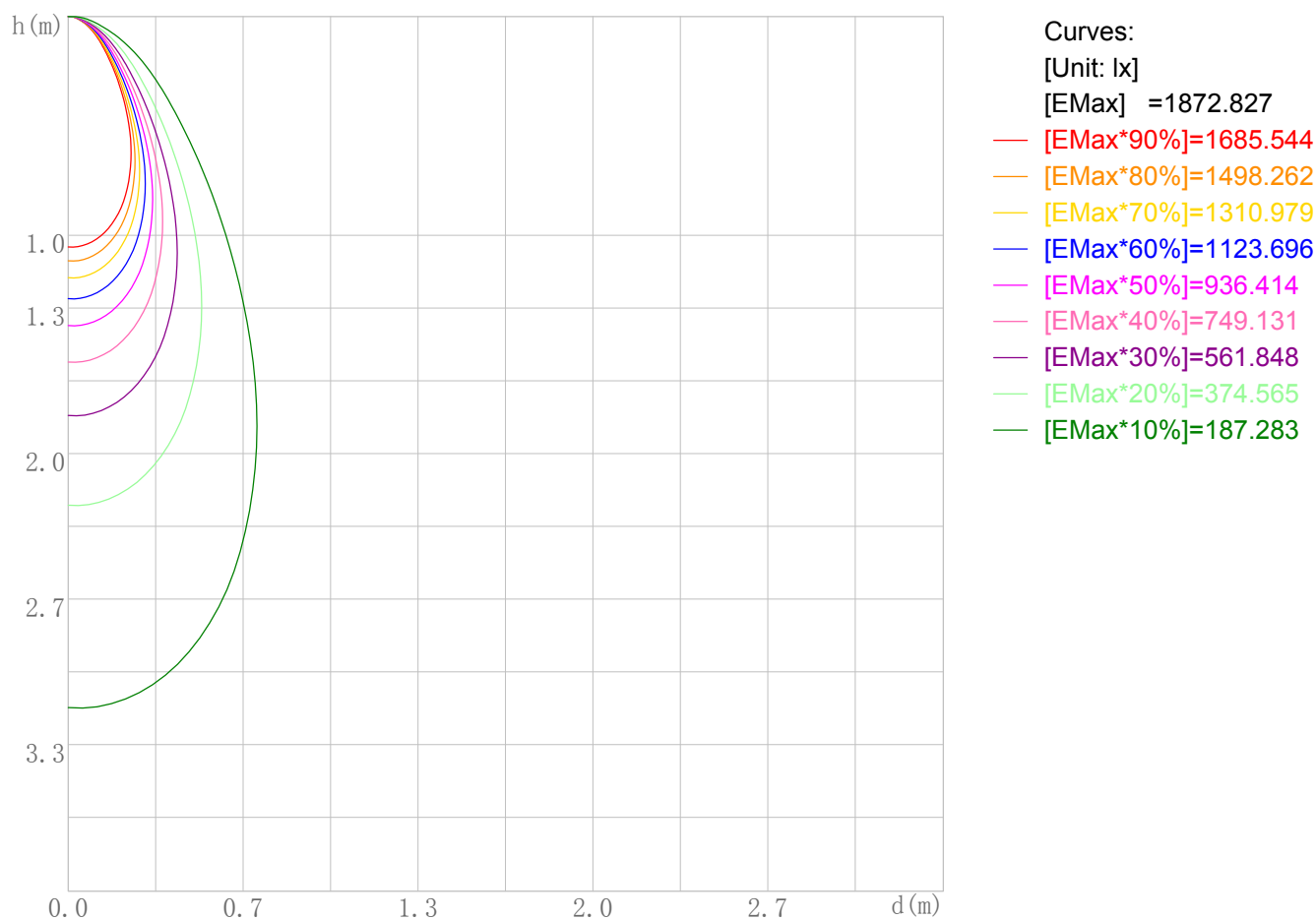


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-13-TW-01 2700K 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: 2020/01/08

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1872.83lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:1873.683cd,0deg

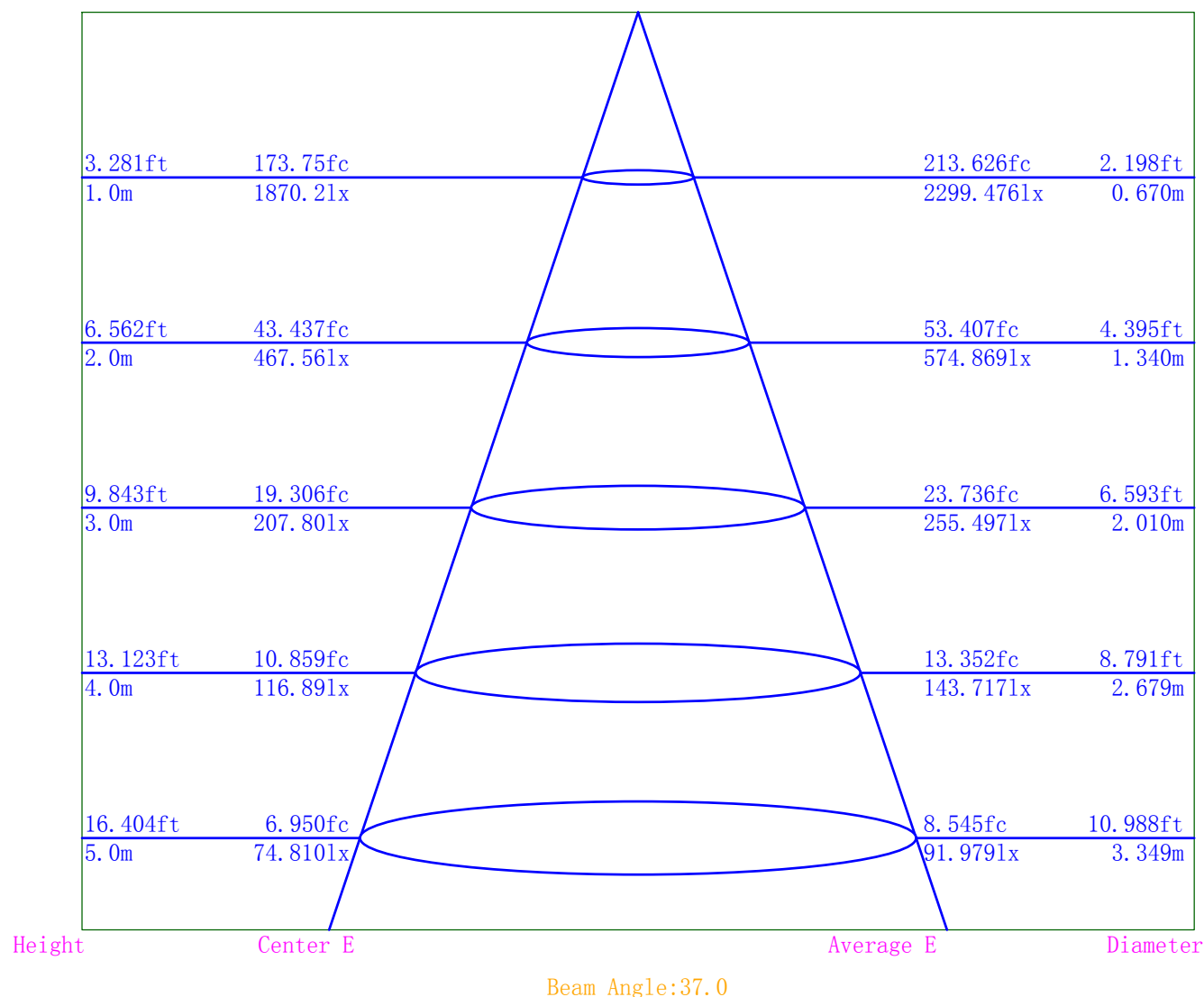
IES Indoor Report

Photometric Filename:MD10-13-TW-01 2700K RA90 36D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-13-TW-01 2700K 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: 2020/01/08

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-13-TW-01 2700K RA90 36D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-TW-01 2700K 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: 2020/01/08

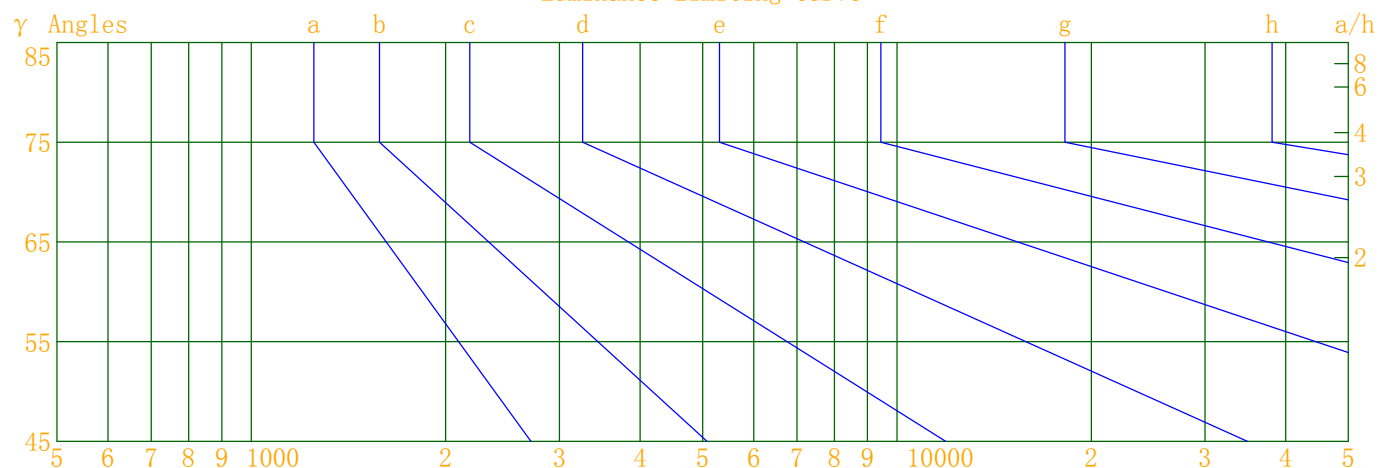
Glare Grade Table

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	175	130	101	80	64	52	50	58	99
C90	157	116	89	71	57	46	43	49	84

Luminance Limiting Curve



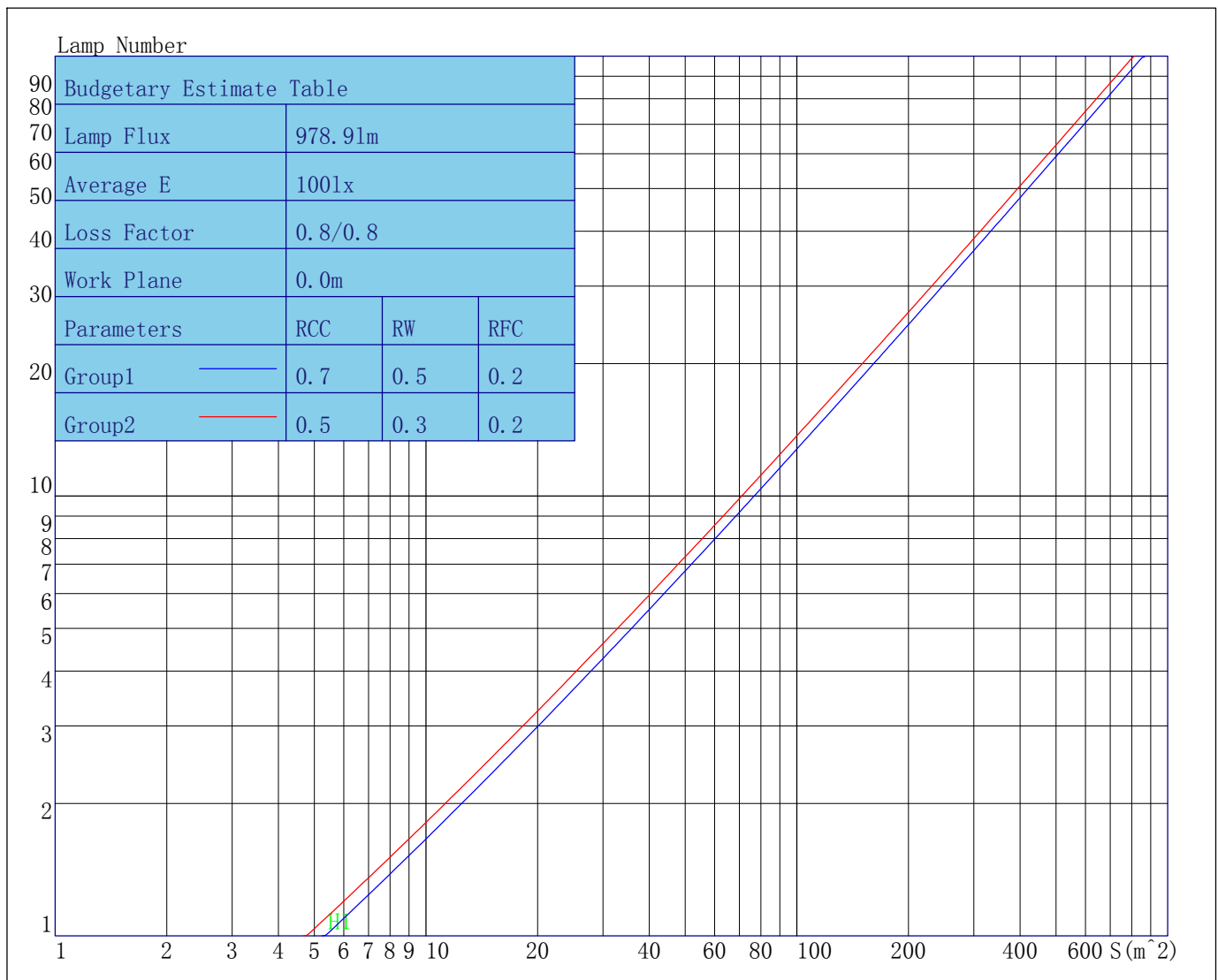
Luminous Size: Length(m)=0.498 Width(m)=0.498 Height(m)=0.750 Area(m^2)=0.621504
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-TW-01 2700K RA90 36D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-TW-01 2700K 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: 2020/01/08



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:MD10-13-TW-01 2700K RA90 36D.IES

Indoor Coefficient of Utilization Table

Lum. Name: MD10-13-TW-01 2700K 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: 2020/01/08

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	107	105	103	103	101	99	99	97	96	95	94	93	91
2	107	102	98	95	105	100	97	93	97	94	91	93	91	89	90	88	86	85
3	102	96	91	87	100	94	89	86	91	87	84	88	85	82	86	83	81	79
4	97	90	84	80	95	88	83	80	86	82	78	84	80	77	81	78	76	74
5	93	84	79	75	91	83	78	74	81	77	73	79	75	72	78	74	72	70
6	88	80	74	70	87	79	74	70	77	72	69	76	71	68	74	70	68	66
7	85	76	70	66	83	75	70	66	73	69	65	72	68	65	71	67	64	63
8	81	72	66	62	80	71	66	62	70	65	62	69	64	61	68	64	61	60
9	78	69	63	59	76	68	63	59	67	62	59	66	61	58	65	61	58	57
10	75	65	60	56	73	65	60	56	64	59	56	63	59	56	62	58	55	54

Unified Glare Rating Table

Lum. Name: MD10-13-TW-01 2700K RA90 36D	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: 2020/01/08

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	1.3	2.3	1.7	2.7	3.1	0.7	1.8	1.2	2.1	2.5
	1.6	2.5	2.0	2.9	3.3	1.0	1.9	1.4	2.3	2.7
	1.7	2.6	2.2	3.0	3.4	1.1	2.0	1.6	2.4	2.8
	1.9	2.7	2.3	3.1	3.5	1.2	2.0	1.7	2.4	2.9
	2.0	2.7	2.5	3.2	3.7	1.3	2.1	1.8	2.5	3.0
	2.2	2.9	2.7	3.3	3.8	1.5	2.2	2.0	2.6	3.1
X=4H Y=2H	1.3	2.2	1.8	2.6	3.0	0.8	1.6	1.2	2.0	2.5
	1.7	2.4	2.2	2.9	3.4	1.2	1.8	1.6	2.3	2.8
	1.9	2.6	2.4	3.0	3.5	1.3	2.0	1.8	2.4	3.0
	2.2	2.8	2.8	3.3	3.8	1.6	2.1	2.1	2.6	3.2
	2.4	2.9	3.0	3.4	4.0	1.8	2.3	2.3	2.8	3.3
	2.7	3.2	3.3	3.7	4.3	2.0	2.5	2.6	3.0	3.6
X=8H Y=4H	1.9	2.4	2.5	2.9	3.5	1.4	1.9	1.9	2.4	2.9
	2.4	2.8	2.9	3.3	3.9	1.7	2.1	2.3	2.7	3.3
	2.7	3.1	3.3	3.6	4.2	2.0	2.4	2.6	3.0	3.5
	3.2	3.5	3.8	4.1	4.7	2.5	2.8	3.1	3.3	4.0
X=12H Y=4H	1.9	2.4	2.5	2.9	3.4	1.3	1.8	1.9	2.3	2.9
	2.4	2.8	3.0	3.3	3.9	1.8	2.1	2.3	2.7	3.3
	2.8	3.1	3.4	3.7	4.3	2.1	2.5	2.7	3.0	3.6
Variations with the objerver position at spacings										
S=1.0H	0.1/-0.1					0.2/-0.2				
S=1.5H	0.3/-0.3					0.4/-0.3				
S=2.0H	0.7/-0.5					0.8/-0.6				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.6					1.5				

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	1870.24	1870.24	1870.24	1870.24
γ 1.0	1873.68	1868.67	1859.88	1862.32
γ 2.0	1869.57	1861.16	1842.26	1848.17
γ 3.0	1857.00	1846.27	1819.02	1827.91
γ 4.0	1837.20	1824.53	1790.50	1802.14
γ 5.0	1810.69	1796.24	1755.89	1770.87
γ 6.0	1778.15	1760.52	1714.70	1732.93
γ 7.0	1738.44	1717.72	1667.31	1687.95
γ 8.0	1692.14	1669.52	1615.67	1637.11
γ 9.0	1640.04	1616.86	1559.74	1580.85
γ 10.0	1583.98	1559.59	1500.01	1520.35
γ 11.0	1522.51	1497.94	1436.39	1455.82
γ 12.0	1457.79	1431.80	1368.60	1388.29
γ 13.0	1390.16	1361.82	1296.70	1316.11
γ 14.0	1318.24	1287.72	1222.06	1240.42
γ 15.0	1243.20	1209.28	1146.80	1164.63
γ 16.0	1168.00	1129.83	1072.63	1089.92
γ 17.0	1093.25	1053.05	1000.43	1016.60
γ 18.0	1018.94	977.64	929.06	943.76
γ 19.0	946.85	904.08	857.51	871.96
γ 20.0	876.53	833.93	787.12	802.10
γ 21.0	807.43	765.60	720.52	734.90
γ 22.0	740.95	699.58	656.48	670.08
γ 23.0	676.50	636.33	595.32	608.19
γ 24.0	614.76	575.88	537.64	549.95
γ 25.0	556.61	519.97	483.27	495.24
γ 26.0	503.08	468.72	433.37	445.08
γ 27.0	453.79	421.63	388.24	399.77
γ 28.0	408.73	378.52	347.12	358.58
γ 29.0	367.51	339.60	309.95	321.29
γ 30.0	330.01	304.46	276.24	287.75
γ 31.0	296.47	273.16	246.15	257.84
γ 32.0	266.66	245.38	219.56	231.24
γ 33.0	240.00	220.59	195.72	207.50
γ 34.0	216.29	198.42	174.39	186.34
γ 35.0	195.04	178.48	155.50	167.52
γ 36.0	176.04	160.73	138.90	150.68
γ 37.0	159.03	144.88	124.38	135.59
γ 38.0	143.87	130.95	111.77	122.33
γ 39.0	130.52	118.83	100.85	110.81
γ 40.0	118.76	107.99	91.29	100.81
γ 41.0	108.34	98.31	83.00	92.04
γ 42.0	99.02	89.59	75.73	84.32
γ 43.0	90.78	81.94	69.37	77.50
γ 44.0	83.46	75.19	63.72	71.42
γ 45.0	76.90	69.10	58.76	66.06
γ 46.0	71.00	63.58	54.35	61.23

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	65.63	58.59	50.38	56.80
γ 48.0	60.67	54.11	46.82	52.76
γ 49.0	56.15	49.99	43.57	49.08
γ 50.0	52.04	46.28	40.59	45.73
γ 51.0	48.30	42.92	37.84	42.61
γ 52.0	44.87	39.81	35.29	39.74
γ 53.0	41.67	36.97	32.95	37.12
γ 54.0	38.71	34.33	30.78	34.67
γ 55.0	35.98	31.90	28.76	32.38
γ 56.0	33.42	29.63	26.84	30.23
γ 57.0	31.03	27.50	25.02	28.22
γ 58.0	28.80	25.51	23.33	26.33
γ 59.0	26.71	23.66	21.76	24.55
γ 60.0	24.78	21.95	20.26	22.89
γ 61.0	22.98	20.37	18.84	21.31
γ 62.0	21.32	18.87	17.49	19.79
γ 63.0	19.75	17.47	16.22	18.32
γ 64.0	18.26	16.17	15.00	17.02
γ 65.0	16.84	14.91	13.92	15.70
γ 66.0	15.52	13.71	12.89	14.57
γ 67.0	14.33	12.68	11.85	13.19
γ 68.0	13.27	11.67	10.76	11.98
γ 69.0	11.90	10.58	10.03	11.19
γ 70.0	11.03	9.67	9.39	10.49
γ 71.0	10.32	9.05	8.77	9.85
γ 72.0	9.67	8.46	8.20	9.25
γ 73.0	9.08	7.92	7.67	8.69
γ 74.0	8.54	7.42	7.16	8.16
γ 75.0	8.04	6.95	6.68	7.66
γ 76.0	7.58	6.52	6.25	7.22
γ 77.0	7.16	6.12	5.89	6.85
γ 78.0	6.80	5.76	5.66	6.58
γ 79.0	6.50	5.48	5.47	6.35
γ 80.0	6.29	5.31	5.30	6.16
γ 81.0	6.09	5.14	5.14	5.97
γ 82.0	5.90	4.98	4.98	5.79
γ 83.0	5.72	4.83	4.82	5.60
γ 84.0	5.54	4.69	4.68	5.43
γ 85.0	5.37	4.55	4.53	5.26
γ 86.0	5.21	4.41	4.37	5.09
γ 87.0	5.06	4.27	4.22	4.89
γ 88.0	4.87	4.11	4.08	4.75
γ 89.0	4.72	3.97	3.99	4.62
γ 90.0	4.60	3.87	3.90	4.51
γ 91.0	4.49	3.80	3.83	4.42
γ 92.0	4.40	3.72	3.75	4.32
γ 93.0	4.31	3.65	3.69	4.24

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	4.22	3.59	3.62	4.16
γ 95.0	4.14	3.53	3.56	4.08
γ 96.0	4.07	3.46	3.51	4.01
γ 97.0	3.99	3.40	3.45	3.94
γ 98.0	3.93	3.35	3.40	3.89
γ 99.0	3.86	3.30	3.36	3.82
γ 100.0	3.80	3.26	3.32	3.77
γ 101.0	3.75	3.21	3.28	3.72
γ 102.0	3.69	3.18	3.25	3.67
γ 103.0	3.64	3.14	3.22	3.62
γ 104.0	3.59	3.11	3.19	3.58
γ 105.0	3.55	3.07	3.17	3.55
γ 106.0	3.49	3.04	3.15	3.52
γ 107.0	3.45	3.02	3.14	3.47
γ 108.0	3.42	3.00	3.13	3.46
γ 109.0	3.39	2.98	3.11	3.43
γ 110.0	3.36	2.96	3.11	3.42
γ 111.0	3.33	2.95	3.11	3.40
γ 112.0	3.31	2.95	3.12	3.39
γ 113.0	3.29	2.94	3.13	3.38
γ 114.0	3.27	2.93	3.13	3.38
γ 115.0	3.27	2.94	3.15	3.39
γ 116.0	3.26	2.94	3.18	3.40
γ 117.0	3.26	2.94	3.21	3.42
γ 118.0	3.26	2.97	3.25	3.44
γ 119.0	3.28	2.99	3.28	3.46
γ 120.0	3.29	3.01	3.34	3.50
γ 121.0	3.31	3.05	3.38	3.54
γ 122.0	3.34	3.09	3.44	3.59
γ 123.0	3.37	3.13	3.50	3.64
γ 124.0	3.43	3.19	3.57	3.69
γ 125.0	3.46	3.24	3.65	3.75
γ 126.0	3.52	3.32	3.73	3.82
γ 127.0	3.59	3.39	3.83	3.90
γ 128.0	3.66	3.48	3.92	3.99
γ 129.0	3.73	3.55	4.02	4.08
γ 130.0	3.83	3.66	4.13	4.17
γ 131.0	3.92	3.77	4.24	4.28
γ 132.0	4.02	3.87	4.36	4.37
γ 133.0	4.12	3.98	4.49	4.50
γ 134.0	4.22	4.10	4.61	4.62
γ 135.0	4.34	4.22	4.76	4.75
γ 136.0	4.48	4.35	4.89	4.87
γ 137.0	4.60	4.49	5.03	5.01
γ 138.0	4.74	4.63	5.17	5.14
γ 139.0	4.89	4.77	5.32	5.28
γ 140.0	5.03	4.92	5.48	5.43

IES Indoor Report

Photometric Filename:MD10-13-TW-01 2700K RA90 36D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	5.18	5.06	5.63	5.58
γ 142.0	5.33	5.21	5.78	5.72
γ 143.0	5.48	5.36	5.92	5.87
γ 144.0	5.63	5.52	6.07	6.01
γ 145.0	5.78	5.67	6.22	6.15
γ 146.0	5.92	5.82	6.36	6.28
γ 147.0	6.07	5.96	6.50	6.42
γ 148.0	6.22	6.11	6.64	6.55
γ 149.0	6.35	6.24	6.78	6.69
γ 150.0	6.49	6.37	6.91	6.82
γ 151.0	6.63	6.50	7.04	6.93
γ 152.0	6.75	6.63	7.15	7.05
γ 153.0	6.87	6.75	7.27	7.16
γ 154.0	7.00	6.88	7.38	7.26
γ 155.0	7.11	6.99	7.48	7.36
γ 156.0	7.22	7.09	7.58	7.45
γ 157.0	7.32	7.19	7.67	7.54
γ 158.0	7.42	7.28	7.74	7.62
γ 159.0	7.50	7.37	7.81	7.69
γ 160.0	7.58	7.45	7.88	7.74
γ 161.0	7.65	7.52	7.93	7.80
γ 162.0	7.72	7.59	7.98	7.85
γ 163.0	7.78	7.65	8.03	7.91
γ 164.0	7.84	7.70	8.06	7.94
γ 165.0	7.88	7.76	8.10	7.97
γ 166.0	7.93	7.80	8.12	8.01
γ 167.0	7.97	7.84	8.15	8.03
γ 168.0	8.00	7.87	8.16	8.06
γ 169.0	8.04	7.91	8.18	8.08
γ 170.0	8.06	7.94	8.20	8.10
γ 171.0	8.11	7.96	8.22	8.12
γ 172.0	8.14	8.00	8.24	8.13
γ 173.0	8.17	8.02	8.26	8.15
γ 174.0	8.20	8.06	8.28	8.18
γ 175.0	8.23	8.09	8.29	8.20
γ 176.0	8.26	8.12	8.31	8.22
γ 177.0	8.28	8.15	8.32	8.25
γ 178.0	8.31	8.19	8.34	8.26
γ 179.0	8.33	8.21	8.35	8.28
γ 180.0	8.32	8.32	8.32	8.32