

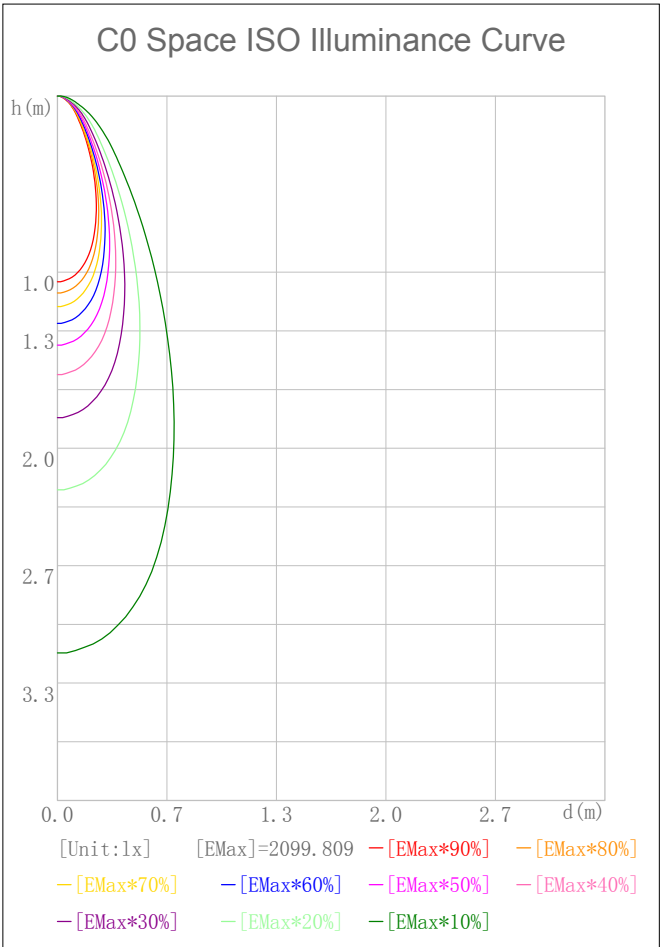
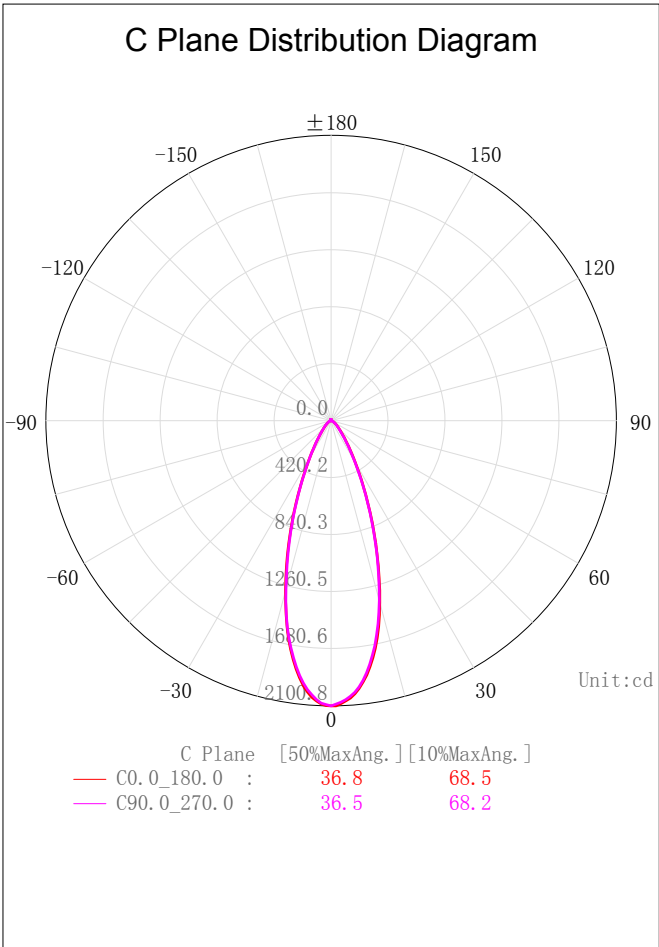
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-XX-01 2700K RA90 36D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/12/21
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):0.060m*0.060m*0.185m		Lum. Area (m2):0.015	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): 1084.600	Luminary Flux(lm): 1084.605	Field Angle(10%Imax): 68.5(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1057.360lm 97.49%	
Rated Voltage(V):	Luminary EER(lm/W): 86.561	Up Lumens&Percent: 27.245lm 2.51%	
Tested Power(W): 12.530	Max. Candela(cd): 2100.769	S/MH: C0_a180=0.599 C90_270=0.594	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.4, 0.054	Beam Angle(50%Imax): 36.8(°)	ErP ϕ use(90°): 968.946lm	
Lamp Size(W*L*H):0.060m*0.060m*0.185m	Left=-17.9°, Right=18.9°	IRF(%): 425.933	



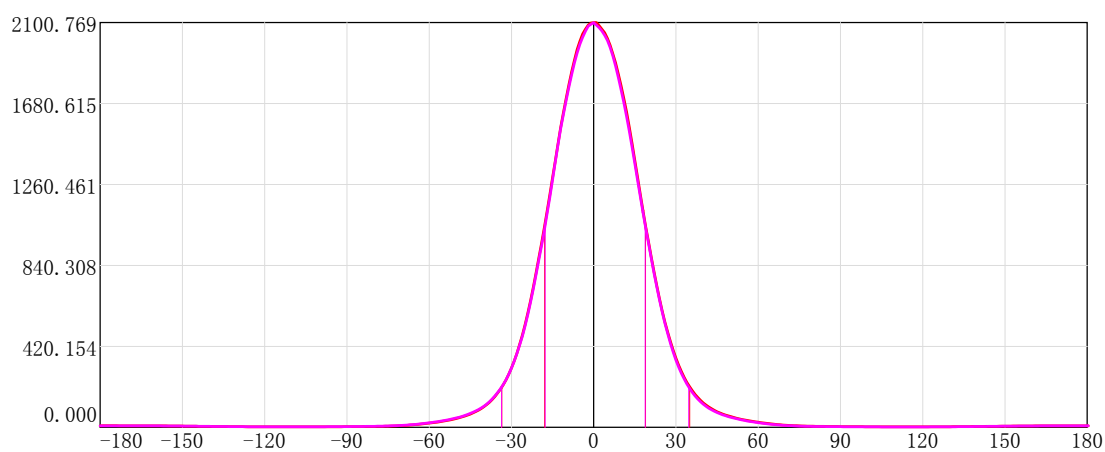
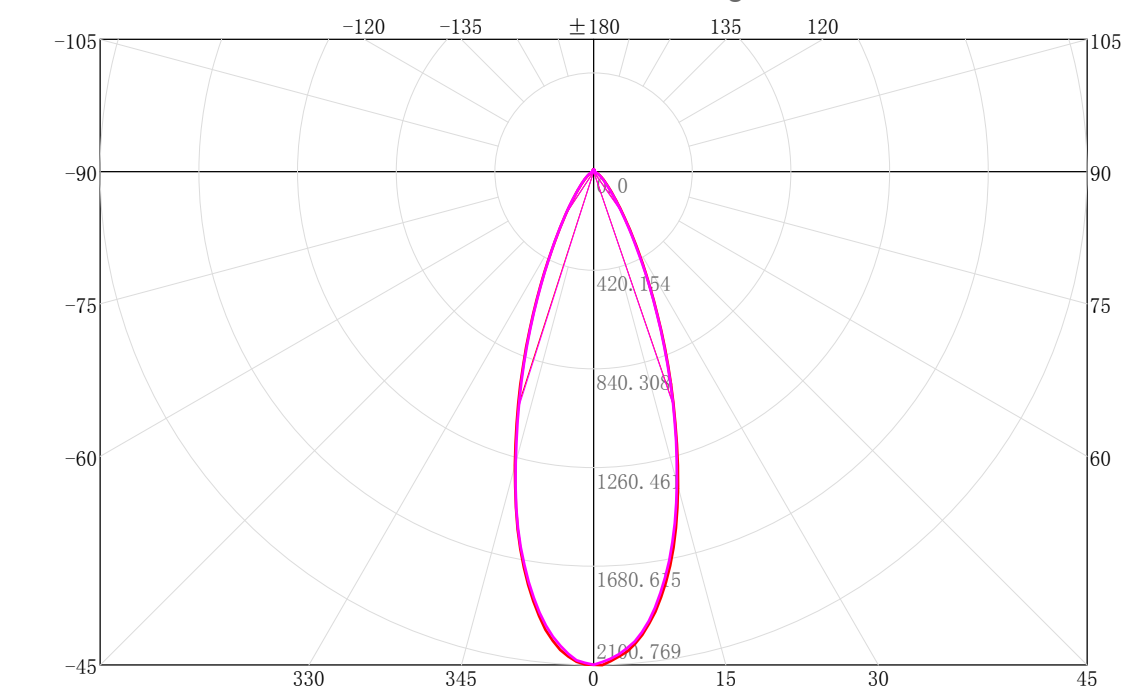
IES Indoor Report

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

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-XX-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: 2019/12/21

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
— C0.0_180.0 : 36.8 68.5
— C90.0_270.0 : 36.5 68.2

Unit:cd

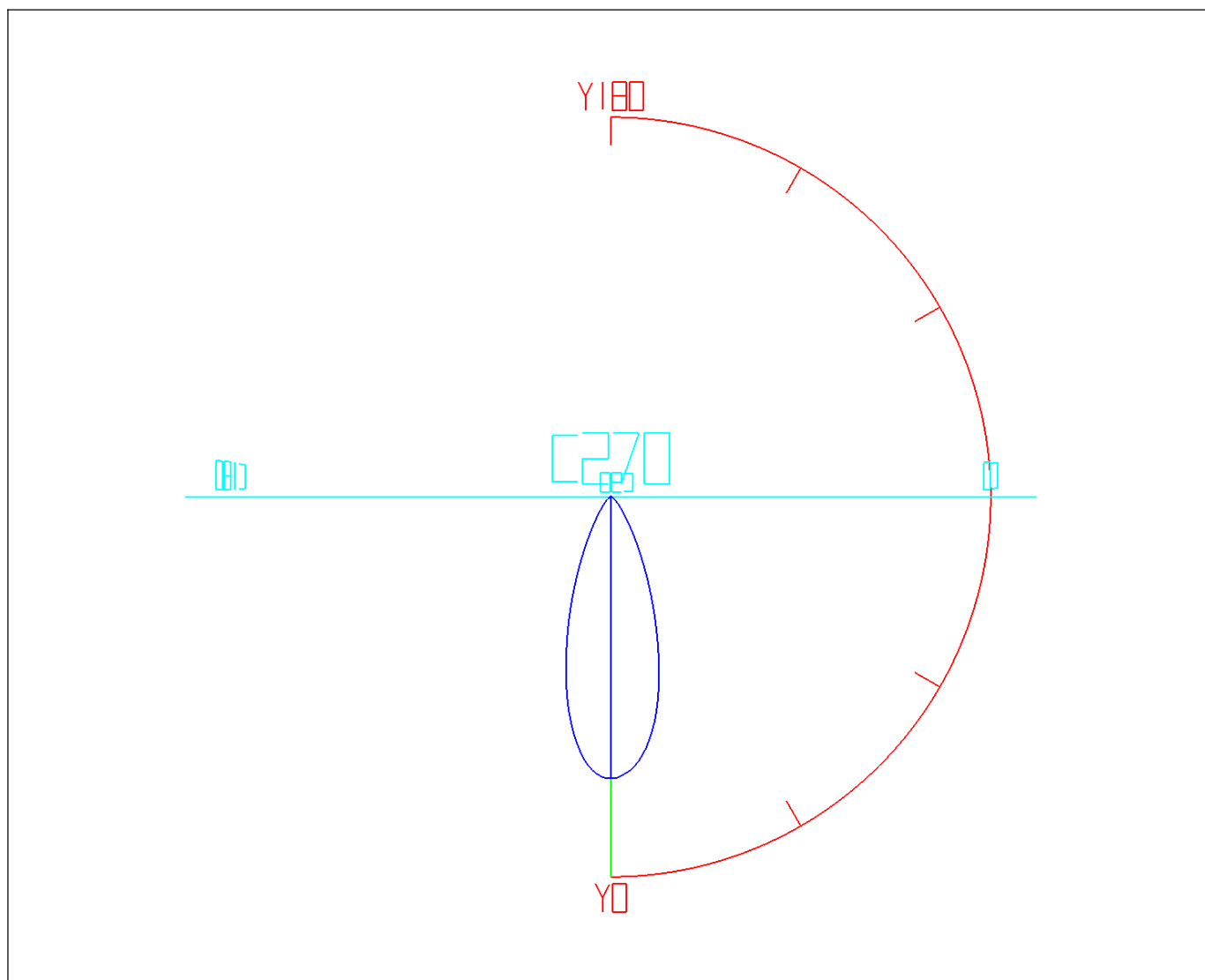
IES Indoor Report

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

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-XX-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: 2019/12/21

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

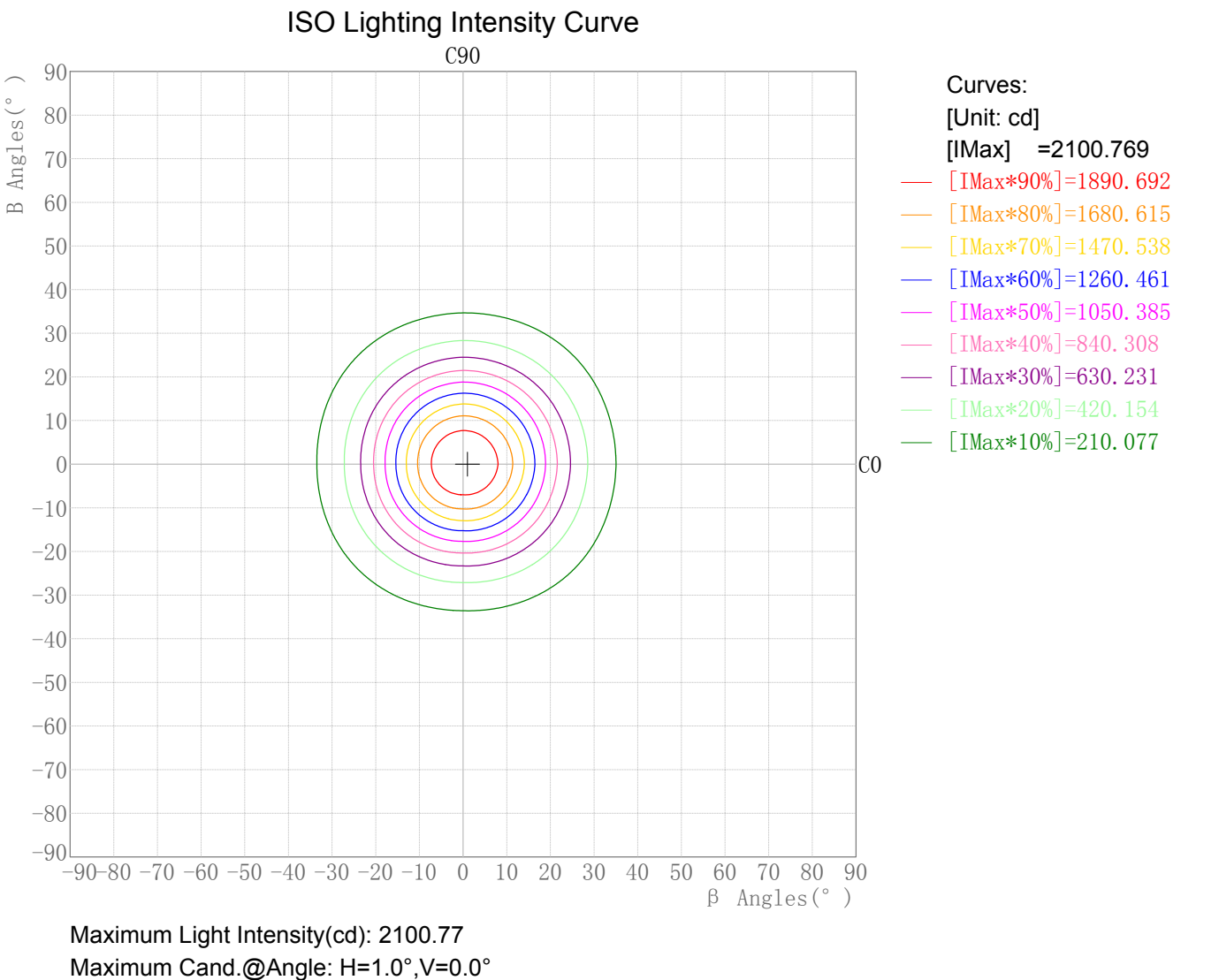
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	2.01	2.01	0.19	0.19	47.0-48.0	5.00	985.96	0.46	90.91
1.0-2.0	6.00	8.00	0.55	0.74	48.0-49.0	4.71	990.67	0.43	91.34
2.0-3.0	9.91	17.91	0.91	1.65	49.0-50.0	4.44	995.11	0.41	91.75
3.0-4.0	13.72	31.63	1.26	2.92	50.0-51.0	4.18	999.30	0.39	92.14
4.0-5.0	17.38	49.02	1.60	4.52	51.0-52.0	3.94	1003.24	0.36	92.50
5.0-6.0	20.86	69.87	1.92	6.44	52.0-53.0	3.71	1006.95	0.34	92.84
6.0-7.0	24.08	93.96	2.22	8.66	53.0-54.0	3.49	1010.44	0.32	93.16
7.0-8.0	27.03	120.99	2.49	11.16	54.0-55.0	3.29	1013.73	0.30	93.47
8.0-9.0	29.67	150.66	2.74	13.89	55.0-56.0	3.09	1016.82	0.29	93.75
9.0-10.0	31.98	182.64	2.95	16.84	56.0-57.0	2.91	1019.73	0.27	94.02
10.0-11.0	33.96	216.60	3.13	19.97	57.0-58.0	2.73	1022.45	0.25	94.27
11.0-12.0	35.57	252.17	3.28	23.25	58.0-59.0	2.56	1025.01	0.24	94.51
12.0-13.0	36.73	288.91	3.39	26.64	59.0-60.0	2.40	1027.41	0.22	94.73
13.0-14.0	37.48	326.38	3.46	30.09	60.0-61.0	2.24	1029.65	0.21	94.93
14.0-15.0	37.82	364.20	3.49	33.58	61.0-62.0	2.09	1031.74	0.19	95.13
15.0-16.0	37.79	401.99	3.48	37.06	62.0-63.0	1.95	1033.69	0.18	95.31
16.0-17.0	37.47	439.46	3.45	40.52	63.0-64.0	1.81	1035.50	0.17	95.47
17.0-18.0	36.87	476.33	3.40	43.92	64.0-65.0	1.68	1037.18	0.15	95.63
18.0-19.0	36.03	512.36	3.32	47.24	65.0-66.0	1.55	1038.74	0.14	95.77
19.0-20.0	34.96	547.32	3.22	50.46	66.0-67.0	1.44	1040.18	0.13	95.90
20.0-21.0	33.67	580.99	3.10	53.57	67.0-68.0	1.33	1041.50	0.12	96.03
21.0-22.0	32.19	613.18	2.97	56.54	68.0-69.0	1.21	1042.72	0.11	96.14
22.0-23.0	30.59	643.77	2.82	59.36	69.0-70.0	1.13	1043.85	0.10	96.24
23.0-24.0	28.91	672.68	2.67	62.02	70.0-71.0	1.06	1044.91	0.10	96.34
24.0-25.0	27.17	699.85	2.51	64.53	71.0-72.0	0.99	1045.90	0.09	96.43
25.0-26.0	25.43	725.28	2.34	66.87	72.0-73.0	0.93	1046.83	0.09	96.52
26.0-27.0	23.70	748.98	2.19	69.06	73.0-74.0	0.87	1047.70	0.08	96.60
27.0-28.0	22.02	771.00	2.03	71.09	74.0-75.0	0.82	1048.53	0.08	96.67
28.0-29.0	20.41	791.41	1.88	72.97	75.0-76.0	0.77	1049.30	0.07	96.75
29.0-30.0	18.89	810.30	1.74	74.71	76.0-77.0	0.73	1050.03	0.07	96.81
30.0-31.0	17.45	827.75	1.61	76.32	77.0-78.0	0.69	1050.71	0.06	96.88
31.0-32.0	16.11	843.86	1.49	77.80	78.0-79.0	0.66	1051.37	0.06	96.94
32.0-33.0	14.88	858.74	1.37	79.18	79.0-80.0	0.64	1052.01	0.06	97.00
33.0-34.0	13.74	872.48	1.27	80.44	80.0-81.0	0.62	1052.63	0.06	97.05
34.0-35.0	12.67	885.15	1.17	81.61	81.0-82.0	0.60	1053.22	0.06	97.11
35.0-36.0	11.68	896.83	1.08	82.69	82.0-83.0	0.58	1053.80	0.05	97.16
36.0-37.0	10.77	907.60	0.99	83.68	83.0-84.0	0.56	1054.36	0.05	97.21
37.0-38.0	9.95	917.55	0.92	84.60	84.0-85.0	0.54	1054.91	0.05	97.26
38.0-39.0	9.21	926.77	0.85	85.45	85.0-86.0	0.53	1055.43	0.05	97.31
39.0-40.0	8.54	935.31	0.79	86.24	86.0-87.0	0.51	1055.94	0.05	97.36
40.0-41.0	7.93	943.24	0.73	86.97	87.0-88.0	0.49	1056.43	0.05	97.40
41.0-42.0	7.39	950.63	0.68	87.65	88.0-89.0	0.47	1056.90	0.04	97.45
42.0-43.0	6.89	957.52	0.64	88.28	89.0-90.0	0.46	1057.36	0.04	97.49
43.0-44.0	6.44	963.96	0.59	88.88	90.0-91.0	0.45	1057.81	0.04	97.53
44.0-45.0	6.03	969.99	0.56	89.43	91.0-92.0	0.44	1058.24	0.04	97.57
45.0-46.0	5.65	975.65	0.52	89.95	92.0-93.0	0.43	1058.67	0.04	97.61
46.0-47.0	5.31	980.96	0.49	90.44	93.0-94.0	0.42	1059.09	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	0.41	1059.49	0.04	97.69	141.0-142.0	0.37	1074.97	0.03	99.11
95.0-96.0	0.40	1059.89	0.04	97.72	142.0-143.0	0.38	1075.35	0.03	99.15
96.0-97.0	0.39	1060.28	0.04	97.76	143.0-144.0	0.38	1075.73	0.03	99.18
97.0-98.0	0.38	1060.66	0.04	97.79	144.0-145.0	0.38	1076.11	0.04	99.22
98.0-99.0	0.37	1061.04	0.03	97.83	145.0-146.0	0.38	1076.49	0.04	99.25
99.0-100.0	0.37	1061.40	0.03	97.86	146.0-147.0	0.38	1076.88	0.04	99.29
100.0-101.0	0.36	1061.76	0.03	97.89	147.0-148.0	0.38	1077.26	0.04	99.32
101.0-102.0	0.35	1062.12	0.03	97.93	148.0-149.0	0.38	1077.64	0.03	99.36
102.0-103.0	0.35	1062.47	0.03	97.96	149.0-150.0	0.38	1078.01	0.03	99.39
103.0-104.0	0.34	1062.81	0.03	97.99	150.0-151.0	0.37	1078.39	0.03	99.43
104.0-105.0	0.34	1063.14	0.03	98.02	151.0-152.0	0.37	1078.76	0.03	99.46
105.0-106.0	0.33	1063.47	0.03	98.05	152.0-153.0	0.36	1079.12	0.03	99.49
106.0-107.0	0.33	1063.80	0.03	98.08	153.0-154.0	0.36	1079.48	0.03	99.53
107.0-108.0	0.32	1064.12	0.03	98.11	154.0-155.0	0.35	1079.83	0.03	99.56
108.0-109.0	0.32	1064.43	0.03	98.14	155.0-156.0	0.34	1080.17	0.03	99.59
109.0-110.0	0.31	1064.75	0.03	98.17	156.0-157.0	0.34	1080.51	0.03	99.62
110.0-111.0	0.31	1065.06	0.03	98.20	157.0-158.0	0.33	1080.84	0.03	99.65
111.0-112.0	0.31	1065.36	0.03	98.23	158.0-159.0	0.32	1081.15	0.03	99.68
112.0-113.0	0.30	1065.66	0.03	98.25	159.0-160.0	0.31	1081.46	0.03	99.71
113.0-114.0	0.30	1065.96	0.03	98.28	160.0-161.0	0.29	1081.75	0.03	99.74
114.0-115.0	0.30	1066.26	0.03	98.31	161.0-162.0	0.28	1082.03	0.03	99.76
115.0-116.0	0.30	1066.56	0.03	98.34	162.0-163.0	0.27	1082.30	0.02	99.79
116.0-117.0	0.30	1066.85	0.03	98.36	163.0-164.0	0.26	1082.56	0.02	99.81
117.0-118.0	0.29	1067.15	0.03	98.39	164.0-165.0	0.24	1082.80	0.02	99.83
118.0-119.0	0.29	1067.44	0.03	98.42	165.0-166.0	0.23	1083.03	0.02	99.85
119.0-120.0	0.29	1067.73	0.03	98.44	166.0-167.0	0.21	1083.24	0.02	99.87
120.0-121.0	0.29	1068.03	0.03	98.47	167.0-168.0	0.20	1083.44	0.02	99.89
121.0-122.0	0.30	1068.32	0.03	98.50	168.0-169.0	0.18	1083.62	0.02	99.91
122.0-123.0	0.30	1068.62	0.03	98.53	169.0-170.0	0.17	1083.79	0.02	99.93
123.0-124.0	0.30	1068.92	0.03	98.55	170.0-171.0	0.15	1083.94	0.01	99.94
124.0-125.0	0.30	1069.22	0.03	98.58	171.0-172.0	0.14	1084.08	0.01	99.95
125.0-126.0	0.30	1069.52	0.03	98.61	172.0-173.0	0.12	1084.20	0.01	99.96
126.0-127.0	0.31	1069.83	0.03	98.64	173.0-174.0	0.11	1084.31	0.01	99.97
127.0-128.0	0.31	1070.14	0.03	98.67	174.0-175.0	0.09	1084.40	0.01	99.98
128.0-129.0	0.31	1070.45	0.03	98.70	175.0-176.0	0.07	1084.47	0.01	99.99
129.0-130.0	0.32	1070.77	0.03	98.73	176.0-177.0	0.06	1084.53	0.01	99.99
130.0-131.0	0.32	1071.10	0.03	98.75	177.0-178.0	0.04	1084.57	0.00	100.00
131.0-132.0	0.33	1071.42	0.03	98.79	178.0-179.0	0.02	1084.60	0.00	100.00
132.0-133.0	0.33	1071.76	0.03	98.82	179.0-180.0	0.01	1084.60	0.00	100.00
133.0-134.0	0.34	1072.10	0.03	98.85					
134.0-135.0	0.34	1072.44	0.03	98.88					
135.0-136.0	0.35	1072.79	0.03	98.91					
136.0-137.0	0.35	1073.14	0.03	98.94					
137.0-138.0	0.36	1073.50	0.03	98.98					
138.0-139.0	0.36	1073.86	0.03	99.01					
139.0-140.0	0.37	1074.23	0.03	99.04					
140.0-141.0	0.37	1074.60	0.03	99.08					

Rectangle ISO Lighting Intensity Diagram

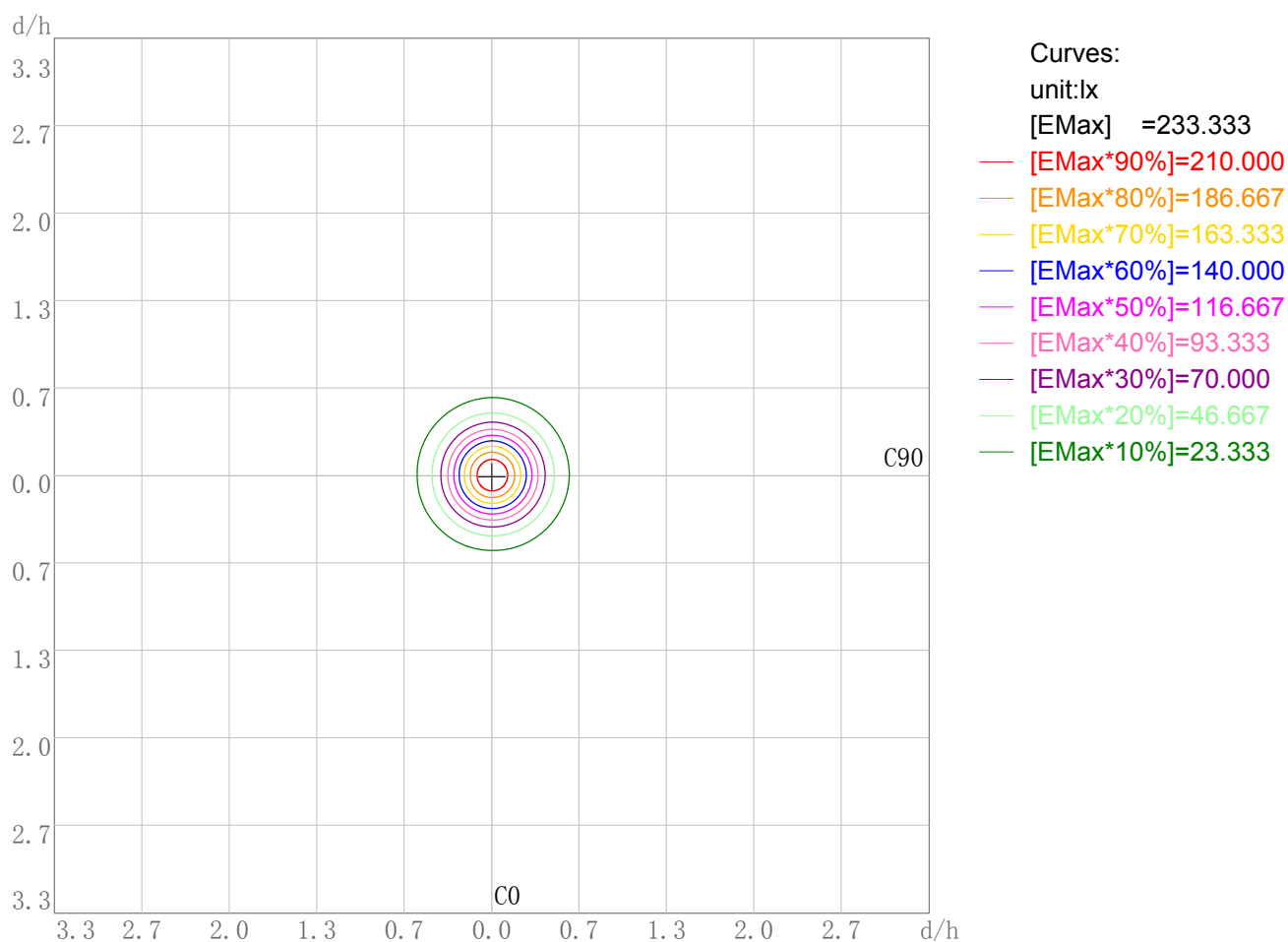
Lum. Name: MD10-13-XX-01 2700K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/21



Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-XX-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: 2019/12/21

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 233.33

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

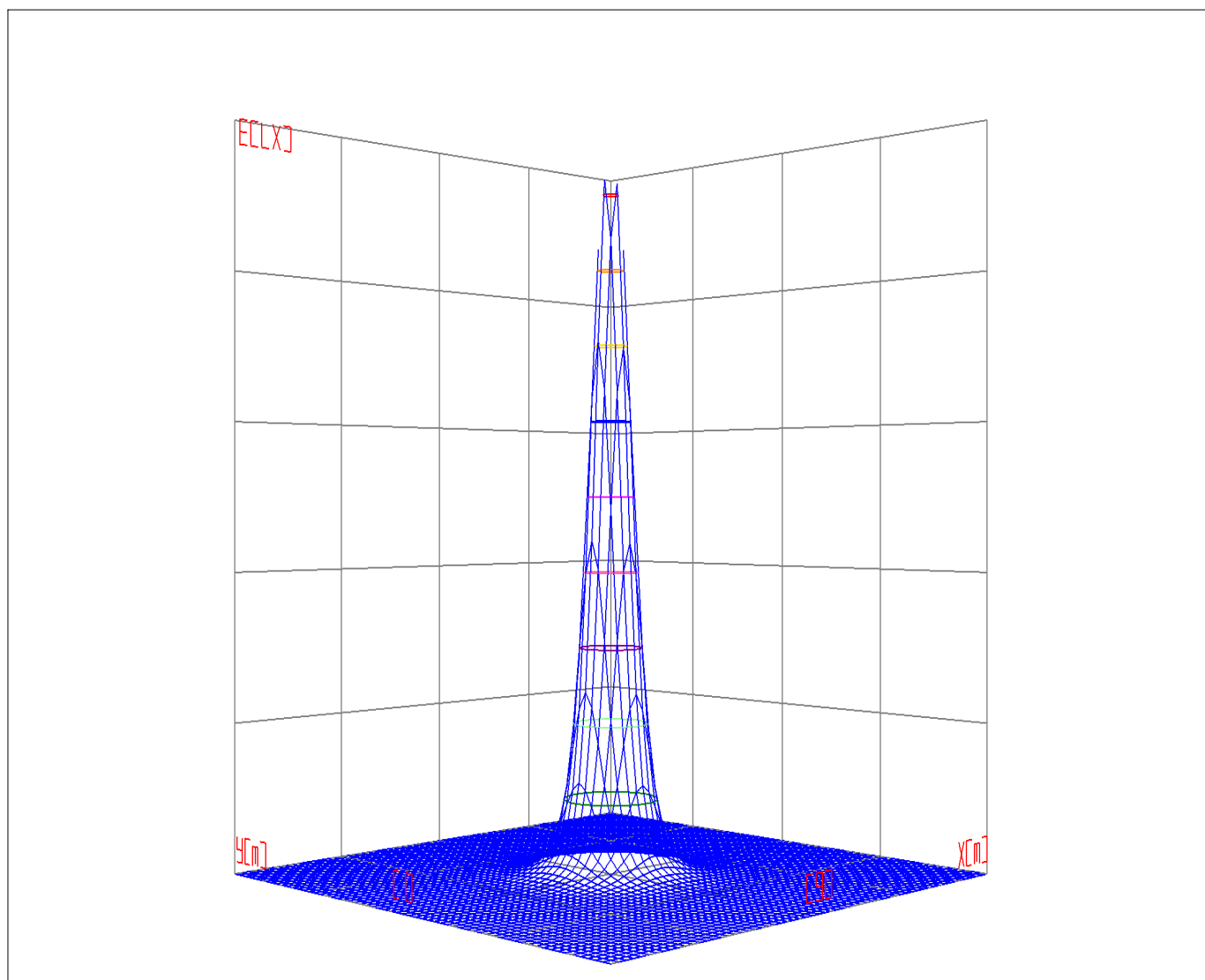
IES Indoor Report

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

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-XX-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: 2019/12/21

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

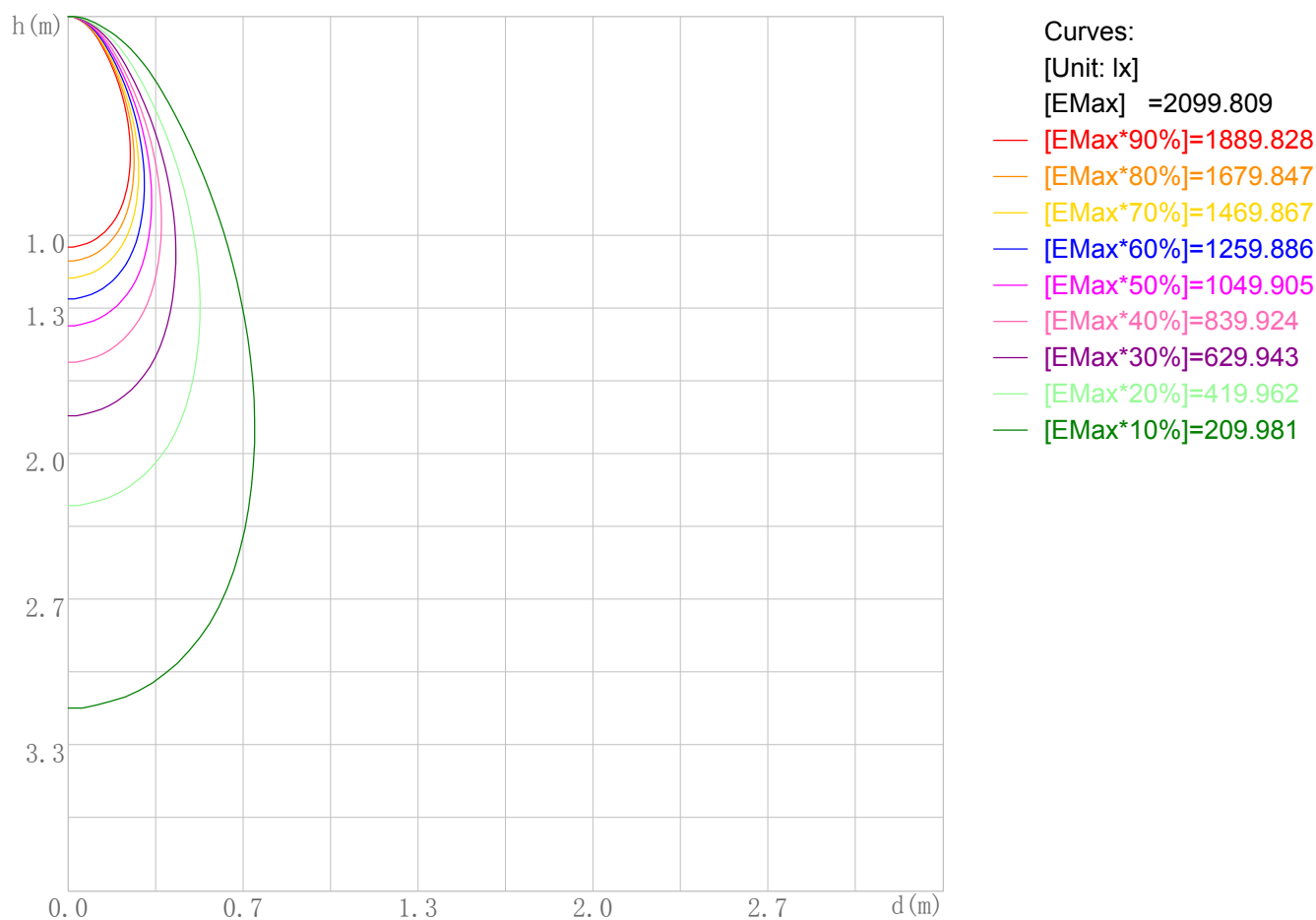
IES Indoor Report

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

Space ISO Illuminance Diagram

Lum. Name: MD10-13-XX-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: 2019/12/21

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:2099.81lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:2100.769cd,0deg

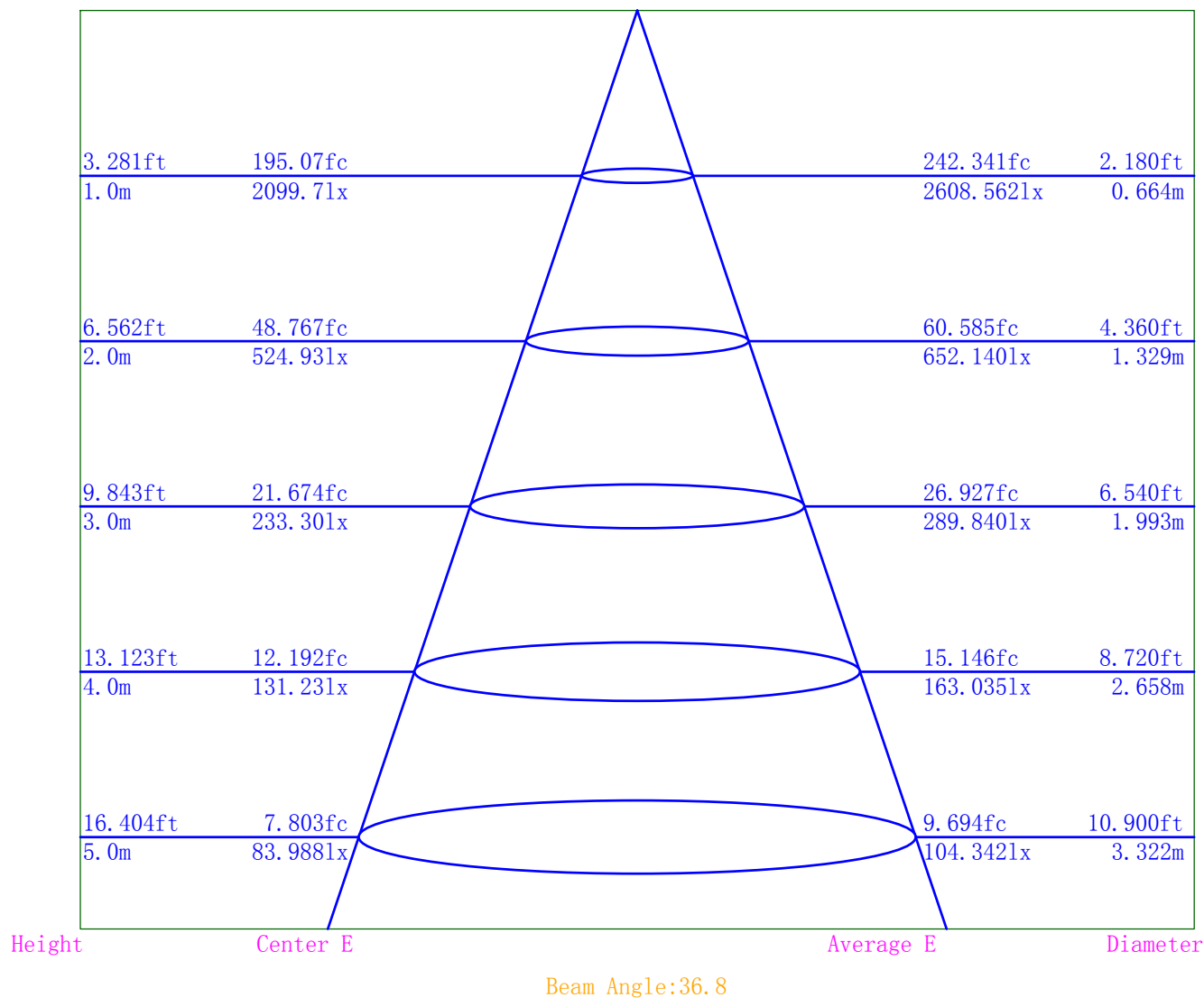
IES Indoor Report

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

Illuminance-Distance Diagram

Lum. Name: MD10-13-XX-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: 2019/12/21

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name: MD10-13-XX-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: 2019/12/21

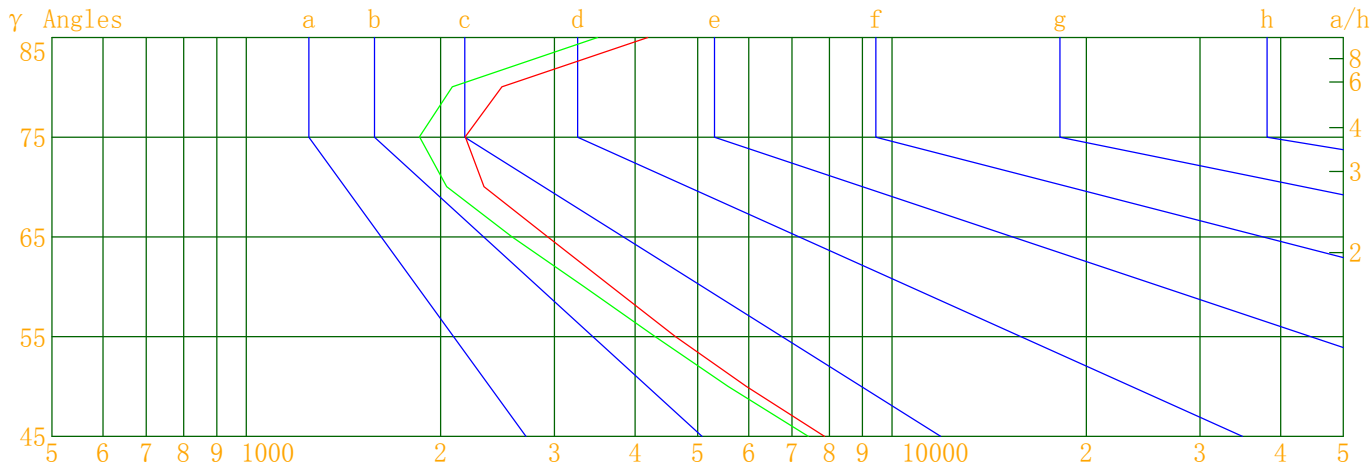
Glare Grade Table

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	7858	5948	4617	3674	2925	2334	2183	2488	4185
C90	7419	5576	4294	3334	2576	2043	1854	2084	3499

Luminance Limiting Curve



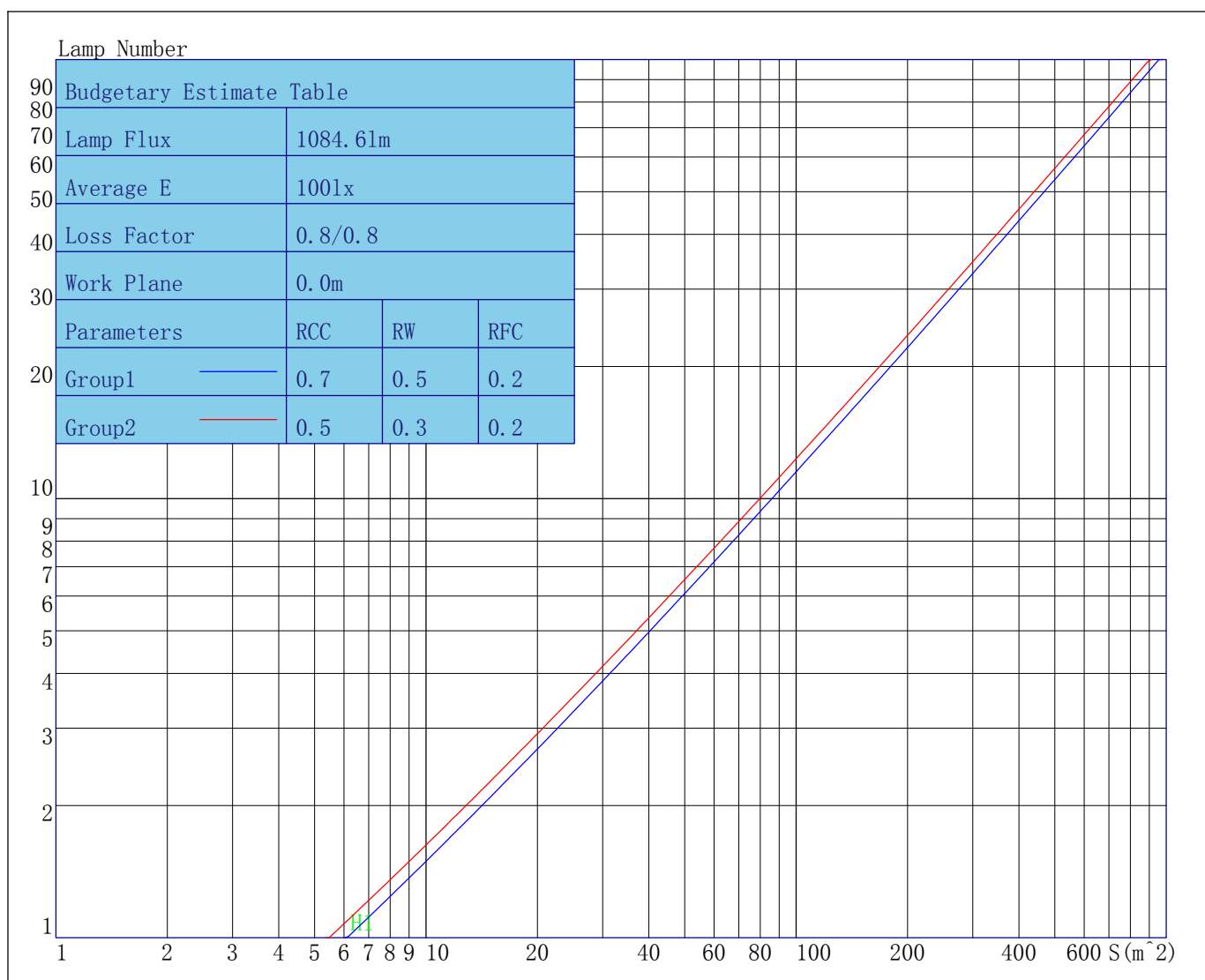
Luminous Size: Length(m)=0.060 Width(m)=0.060 Height(m)=0.185 Area(m^2)=0.014700
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

IES Indoor Report

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

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-XX-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: 2019/12/21



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-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: 2019/12/21

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	113	110	107	105	110	108	105	103	103	101	100	99	97	96	95	94	93	91
2	107	102	98	95	105	100	97	94	97	94	91	93	91	89	90	88	87	85
3	102	96	91	87	100	94	90	86	91	87	84	88	85	83	86	83	81	80
4	97	90	85	80	95	89	84	80	86	82	79	84	80	77	82	79	76	75
5	93	85	79	75	91	84	78	75	82	77	74	80	76	73	78	75	72	70
6	89	80	74	70	87	79	74	70	77	73	69	76	72	69	74	71	68	67
7	85	76	70	66	83	75	70	66	74	69	66	72	68	65	71	67	65	63
8	81	72	67	63	80	72	66	63	70	66	62	69	65	62	68	64	61	60
9	78	69	63	60	77	68	63	59	67	62	59	66	62	59	65	61	58	57
10	75	66	60	57	74	65	60	57	64	60	56	63	59	56	63	59	56	55

Unified Glare Rating Table

Lum. Name: MD10-13-XX-01 2700K RA90 36D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: QQualty peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/21

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	14.6	15.6	15.0	15.9	16.3	14.2	15.2	14.6	15.6	16.0
	14.8	15.7	15.2	16.1	16.5	14.4	15.3	14.9	15.7	16.2
	14.9	15.8	15.4	16.2	16.6	14.5	15.4	15.0	15.8	16.2
	15.1	15.8	15.5	16.2	16.7	14.6	15.4	15.1	15.8	16.3
	15.2	15.9	15.6	16.3	16.8	14.7	15.4	15.2	15.8	16.3
	15.3	16.0	15.8	16.4	16.9	14.8	15.5	15.3	15.9	16.4
X=4H Y=2H	14.6	15.4	15.0	15.8	16.3	14.2	15.1	14.7	15.5	15.9
	14.9	15.6	15.4	16.1	16.6	14.6	15.2	15.0	15.7	16.2
	15.1	15.7	15.6	16.2	16.7	14.7	15.3	15.2	15.8	16.3
	15.4	15.9	15.9	16.4	16.9	14.9	15.4	15.4	15.9	16.5
	15.6	16.0	16.1	16.5	17.1	15.0	15.5	15.6	16.0	16.6
	15.8	16.2	16.4	16.8	17.3	15.2	15.7	15.8	16.2	16.7
X=8H Y=4H	15.1	15.6	15.6	16.1	16.6	14.7	15.2	15.2	15.7	16.2
	15.5	15.9	16.0	16.4	17.0	15.0	15.4	15.5	15.9	16.5
	15.8	16.1	16.4	16.7	17.2	15.2	15.6	15.8	16.1	16.7
	16.2	16.5	16.8	17.1	17.7	15.6	15.9	16.2	16.5	17.1
X=12H Y=4H	15.1	15.5	15.6	16.0	16.6	14.7	15.1	15.2	15.6	16.2
	15.5	15.9	16.1	16.4	17.0	15.0	15.4	15.6	15.9	16.5
	15.9	16.2	16.4	16.7	17.3	15.3	15.6	15.9	16.2	16.8
Variations with the objerver position at spacings										
S=1.0H	0.1/-0.1					0.2/-0.2				
S=1.5H	0.4/-0.3					0.4/-0.4				
S=2.0H	0.8/-0.6					0.9/-0.7				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.5					1.3				

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	2099.71	2099.71	2099.71	2099.71
γ 1.0	2100.77	2087.80	2098.51	2091.23
γ 2.0	2085.08	2074.51	2087.79	2081.83
γ 3.0	2066.50	2057.42	2066.65	2055.61
γ 4.0	2047.61	2034.32	2041.05	2023.88
γ 5.0	2018.43	2007.72	2003.88	1987.80
γ 6.0	1982.81	1971.41	1961.05	1943.18
γ 7.0	1937.95	1927.38	1905.47	1891.17
γ 8.0	1891.53	1875.21	1846.49	1832.04
γ 9.0	1834.26	1816.03	1781.35	1767.87
γ 10.0	1774.14	1752.53	1710.11	1698.75
γ 11.0	1708.70	1687.32	1637.06	1627.83
γ 12.0	1636.14	1611.79	1556.60	1549.99
γ 13.0	1556.68	1535.41	1469.65	1464.98
γ 14.0	1474.25	1453.81	1381.19	1375.13
γ 15.0	1386.90	1370.30	1294.15	1282.90
γ 16.0	1300.45	1283.43	1206.84	1192.51
γ 17.0	1212.48	1199.55	1120.66	1108.16
γ 18.0	1125.68	1116.17	1038.32	1023.30
γ 19.0	1042.14	1035.45	957.79	944.52
γ 20.0	962.47	953.78	877.55	867.16
γ 21.0	883.56	876.48	801.69	790.95
γ 22.0	808.95	800.66	727.71	717.84
γ 23.0	737.14	730.53	658.48	650.25
γ 24.0	669.13	662.35	594.80	586.28
γ 25.0	605.73	599.61	535.06	526.94
γ 26.0	547.26	540.42	479.66	473.70
γ 27.0	493.23	485.90	429.26	425.45
γ 28.0	444.89	435.32	383.17	381.64
γ 29.0	400.53	390.01	343.23	342.34
γ 30.0	359.71	349.01	307.07	306.56
γ 31.0	323.32	313.10	274.88	274.70
γ 32.0	290.34	280.74	245.89	246.73
γ 33.0	260.83	252.08	221.03	222.52
γ 34.0	234.42	225.87	198.49	200.77
γ 35.0	210.80	202.09	178.25	181.24
γ 36.0	189.91	180.90	160.16	163.62
γ 37.0	171.13	162.89	144.35	147.87
γ 38.0	155.06	147.00	130.78	133.86
γ 39.0	140.21	132.76	118.72	121.49
γ 40.0	127.40	120.16	107.83	110.78
γ 41.0	115.86	109.36	98.16	101.43
γ 42.0	105.87	99.88	89.72	93.15
γ 43.0	96.84	91.36	81.99	85.64
γ 44.0	88.84	83.88	75.22	78.82
γ 45.0	81.68	77.12	69.19	72.83
γ 46.0	75.50	71.21	63.61	67.23

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	69.89	65.89	58.74	62.27
γ 48.0	64.89	61.10	54.42	57.66
γ 49.0	60.35	56.68	50.35	53.46
γ 50.0	56.20	52.69	46.58	49.64
γ 51.0	52.28	48.95	43.19	46.11
γ 52.0	48.53	45.38	40.10	42.88
γ 53.0	45.04	42.11	37.32	39.84
γ 54.0	41.83	39.02	34.66	37.10
γ 55.0	38.93	36.20	32.22	34.51
γ 56.0	36.24	33.50	29.94	32.14
γ 57.0	33.69	31.00	27.80	29.91
γ 58.0	31.37	28.67	25.73	27.83
γ 59.0	29.08	26.56	23.83	25.84
γ 60.0	27.00	24.50	22.08	23.98
γ 61.0	24.99	22.67	20.43	22.21
γ 62.0	23.12	20.89	18.83	20.59
γ 63.0	21.38	19.14	17.37	19.08
γ 64.0	19.68	17.59	15.91	17.59
γ 65.0	18.17	16.01	14.65	16.17
γ 66.0	16.57	14.74	13.39	14.91
γ 67.0	15.33	13.44	12.39	13.72
γ 68.0	13.89	12.13	11.14	12.64
γ 69.0	12.59	11.09	10.32	11.47
γ 70.0	11.74	10.27	9.67	10.76
γ 71.0	10.92	9.50	9.03	10.08
γ 72.0	10.18	8.80	8.42	9.43
γ 73.0	9.51	8.17	7.88	8.83
γ 74.0	8.89	7.58	7.37	8.30
γ 75.0	8.31	7.05	6.89	7.81
γ 76.0	7.78	6.54	6.46	7.35
γ 77.0	7.28	6.09	6.10	6.96
γ 78.0	6.88	5.74	5.79	6.61
γ 79.0	6.58	5.52	5.58	6.37
γ 80.0	6.35	5.32	5.38	6.16
γ 81.0	6.15	5.14	5.20	5.95
γ 82.0	5.94	4.97	5.01	5.75
γ 83.0	5.74	4.80	4.85	5.56
γ 84.0	5.54	4.63	4.68	5.38
γ 85.0	5.36	4.48	4.54	5.20
γ 86.0	5.20	4.32	4.38	5.04
γ 87.0	5.00	4.16	4.19	4.84
γ 88.0	4.79	3.98	4.04	4.66
γ 89.0	4.62	3.86	3.93	4.51
γ 90.0	4.49	3.76	3.83	4.40
γ 91.0	4.38	3.68	3.74	4.30
γ 92.0	4.29	3.60	3.66	4.19
γ 93.0	4.18	3.52	3.58	4.10

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	4.10	3.44	3.51	4.02
γ 95.0	4.01	3.36	3.44	3.93
γ 96.0	3.93	3.30	3.37	3.85
γ 97.0	3.85	3.24	3.32	3.76
γ 98.0	3.78	3.19	3.27	3.71
γ 99.0	3.70	3.14	3.21	3.64
γ 100.0	3.64	3.08	3.16	3.58
γ 101.0	3.57	3.03	3.13	3.53
γ 102.0	3.51	2.99	3.09	3.48
γ 103.0	3.46	2.96	3.05	3.43
γ 104.0	3.41	2.92	3.02	3.37
γ 105.0	3.36	2.88	3.00	3.34
γ 106.0	3.31	2.85	2.97	3.29
γ 107.0	3.27	2.82	2.96	3.27
γ 108.0	3.22	2.79	2.95	3.24
γ 109.0	3.20	2.77	2.93	3.21
γ 110.0	3.16	2.76	2.93	3.20
γ 111.0	3.14	2.74	2.93	3.19
γ 112.0	3.12	2.73	2.93	3.18
γ 113.0	3.09	2.72	2.94	3.18
γ 114.0	3.08	2.72	2.95	3.18
γ 115.0	3.07	2.72	2.98	3.19
γ 116.0	3.07	2.72	3.00	3.21
γ 117.0	3.07	2.73	3.03	3.22
γ 118.0	3.07	2.75	3.07	3.24
γ 119.0	3.08	2.77	3.11	3.27
γ 120.0	3.10	2.80	3.15	3.31
γ 121.0	3.13	2.84	3.21	3.35
γ 122.0	3.16	2.88	3.27	3.42
γ 123.0	3.19	2.92	3.35	3.47
γ 124.0	3.24	2.98	3.42	3.54
γ 125.0	3.30	3.05	3.50	3.60
γ 126.0	3.35	3.12	3.59	3.68
γ 127.0	3.44	3.19	3.69	3.78
γ 128.0	3.51	3.27	3.80	3.87
γ 129.0	3.59	3.38	3.92	3.97
γ 130.0	3.70	3.47	4.03	4.09
γ 131.0	3.80	3.60	4.16	4.19
γ 132.0	3.90	3.70	4.28	4.32
γ 133.0	4.02	3.83	4.43	4.45
γ 134.0	4.16	3.96	4.59	4.59
γ 135.0	4.28	4.11	4.73	4.72
γ 136.0	4.43	4.24	4.88	4.87
γ 137.0	4.56	4.39	5.05	5.03
γ 138.0	4.72	4.55	5.20	5.18
γ 139.0	4.88	4.71	5.38	5.33
γ 140.0	5.04	4.88	5.54	5.50

IES Indoor Report

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

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	5.20	5.05	5.71	5.65
γ 142.0	5.36	5.19	5.87	5.82
γ 143.0	5.53	5.36	6.05	5.98
γ 144.0	5.71	5.54	6.22	6.14
γ 145.0	5.87	5.71	6.38	6.30
γ 146.0	6.04	5.88	6.55	6.45
γ 147.0	6.19	6.04	6.71	6.60
γ 148.0	6.34	6.18	6.86	6.76
γ 149.0	6.50	6.34	7.03	6.90
γ 150.0	6.66	6.48	7.17	7.05
γ 151.0	6.81	6.65	7.32	7.18
γ 152.0	6.96	6.79	7.45	7.32
γ 153.0	7.09	6.92	7.60	7.43
γ 154.0	7.22	7.06	7.72	7.56
γ 155.0	7.35	7.19	7.83	7.65
γ 156.0	7.48	7.32	7.93	7.77
γ 157.0	7.59	7.41	8.04	7.84
γ 158.0	7.70	7.54	8.12	7.92
γ 159.0	7.79	7.64	8.21	8.01
γ 160.0	7.89	7.71	8.28	8.07
γ 161.0	7.96	7.81	8.34	8.13
γ 162.0	8.05	7.88	8.40	8.18
γ 163.0	8.10	7.96	8.45	8.22
γ 164.0	8.16	8.02	8.49	8.28
γ 165.0	8.20	8.07	8.53	8.30
γ 166.0	8.26	8.12	8.55	8.33
γ 167.0	8.30	8.18	8.59	8.36
γ 168.0	8.33	8.21	8.60	8.38
γ 169.0	8.38	8.26	8.62	8.41
γ 170.0	8.42	8.27	8.64	8.43
γ 171.0	8.45	8.33	8.67	8.44
γ 172.0	8.48	8.36	8.69	8.46
γ 173.0	8.51	8.39	8.71	8.48
γ 174.0	8.55	8.44	8.72	8.50
γ 175.0	8.59	8.46	8.73	8.54
γ 176.0	8.60	8.50	8.76	8.55
γ 177.0	8.64	8.54	8.77	8.59
γ 178.0	8.66	8.57	8.79	8.61
γ 179.0	8.68	8.59	8.79	8.63
γ 180.0	8.70	8.70	8.70	8.70