

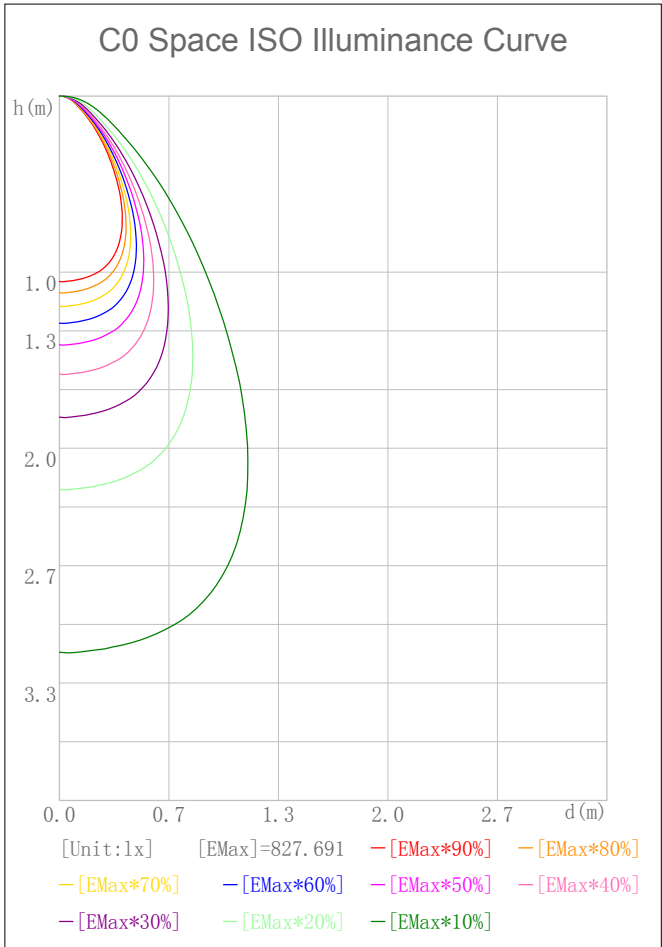
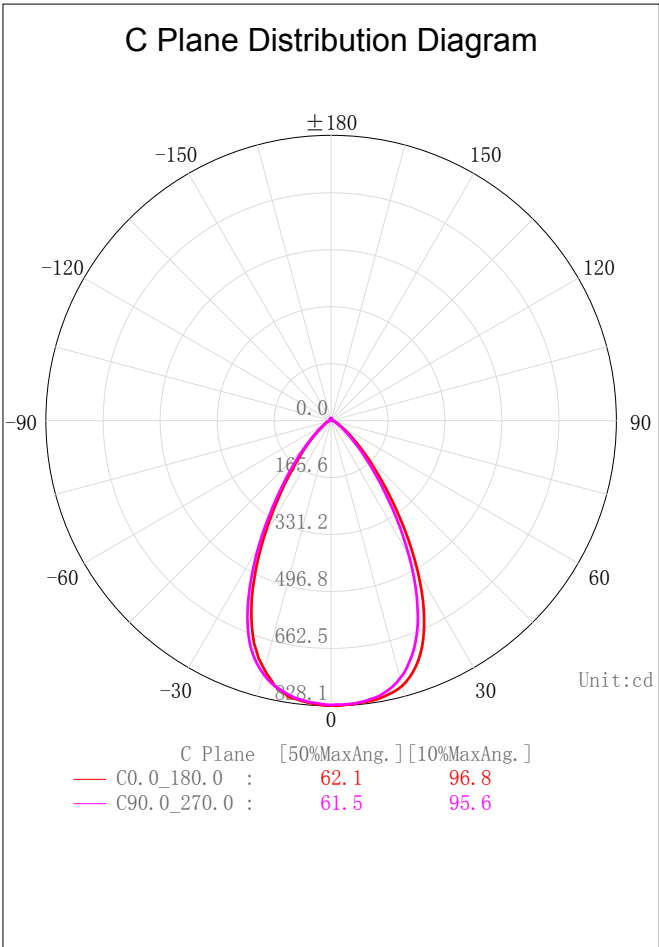
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-SL-03 3000K RA97 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2020/01/02
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*0.065m	Lum. Area (m2): 0.280	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity(%):

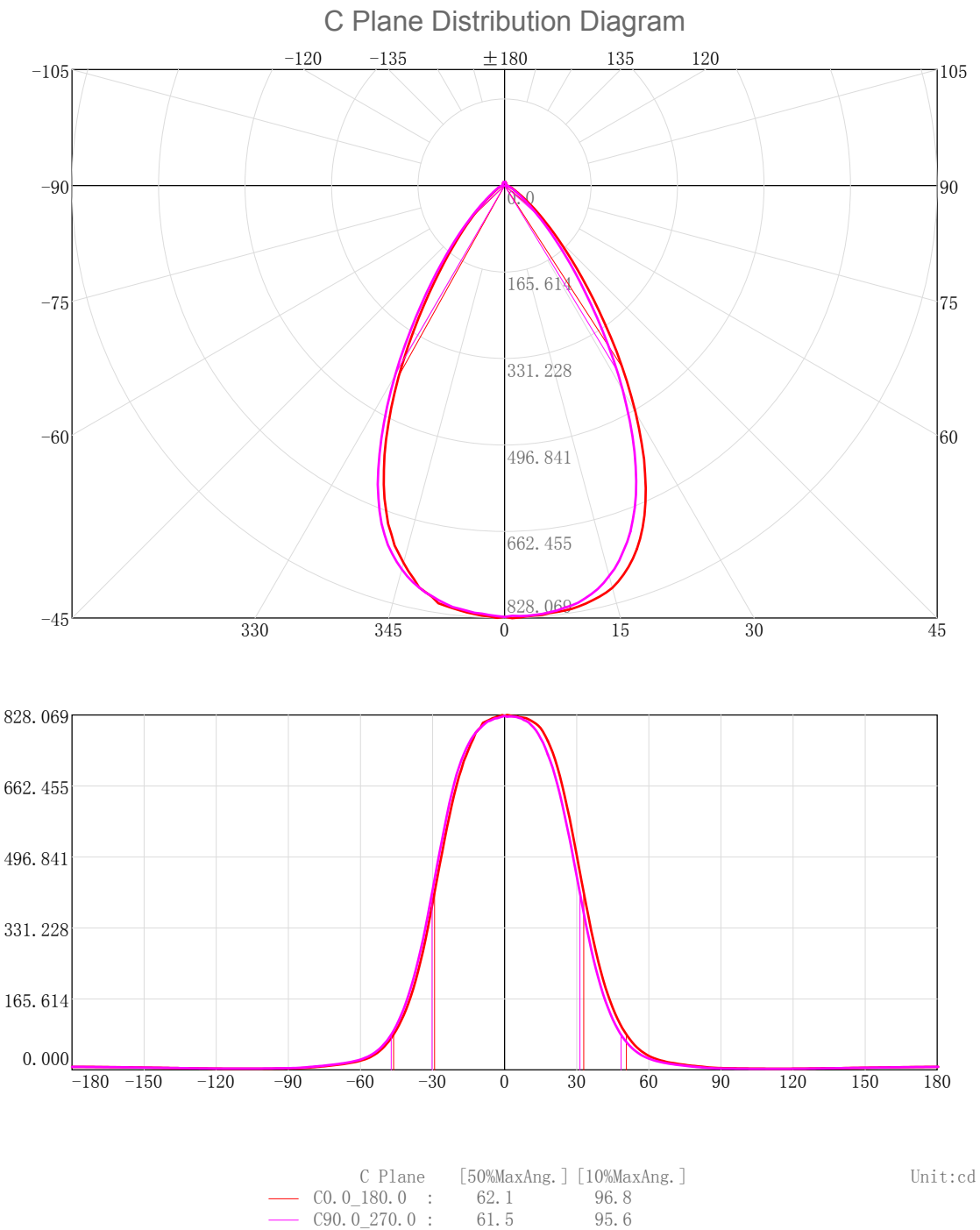
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 934.580	Luminary Flux(lm): 934.582	Field Angle(10%Imax): 96.8(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 909.947lm 97.36%
Rated Voltage(V):	Luminary EER(lm/W): 71.836	Up Lumens&Percent: 24.635lm 2.64%
Tested Power(W): 13.010	Max. Candela(cd): 828.069	S/MH: C0_a180=0.969 C90_270=0.959
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf): 240.3, 0.056	Beam Angle(50%Imax): 62.1(°)	ErP Φ use(90°): 791.272lm
Lamp Size (W*L*H): 0.498m*0.498m*0.065m	Left=-29.1°, Right=32.9°	IRF(%): 195.441



2D Plane Light Intensity Distribution Curve

Lum. Name:MD10-13-SL-03 3000K RA97 60D	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:2020/01/02



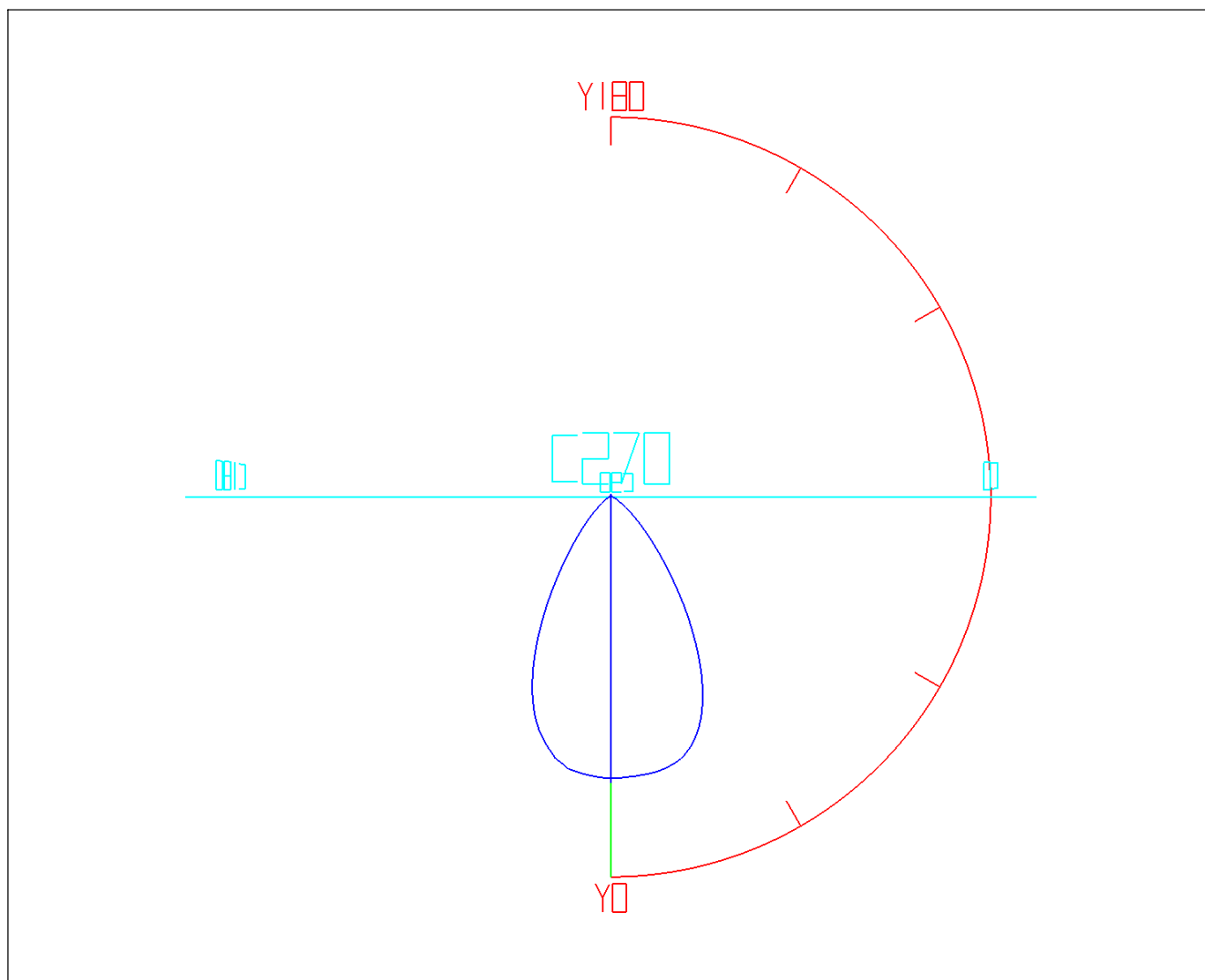
IES Indoor Report

Photometric Filename:MD10-13-SL-03 3000K RA97 60D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-SL-03 3000K RA97 60D	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: 2020/01/02

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

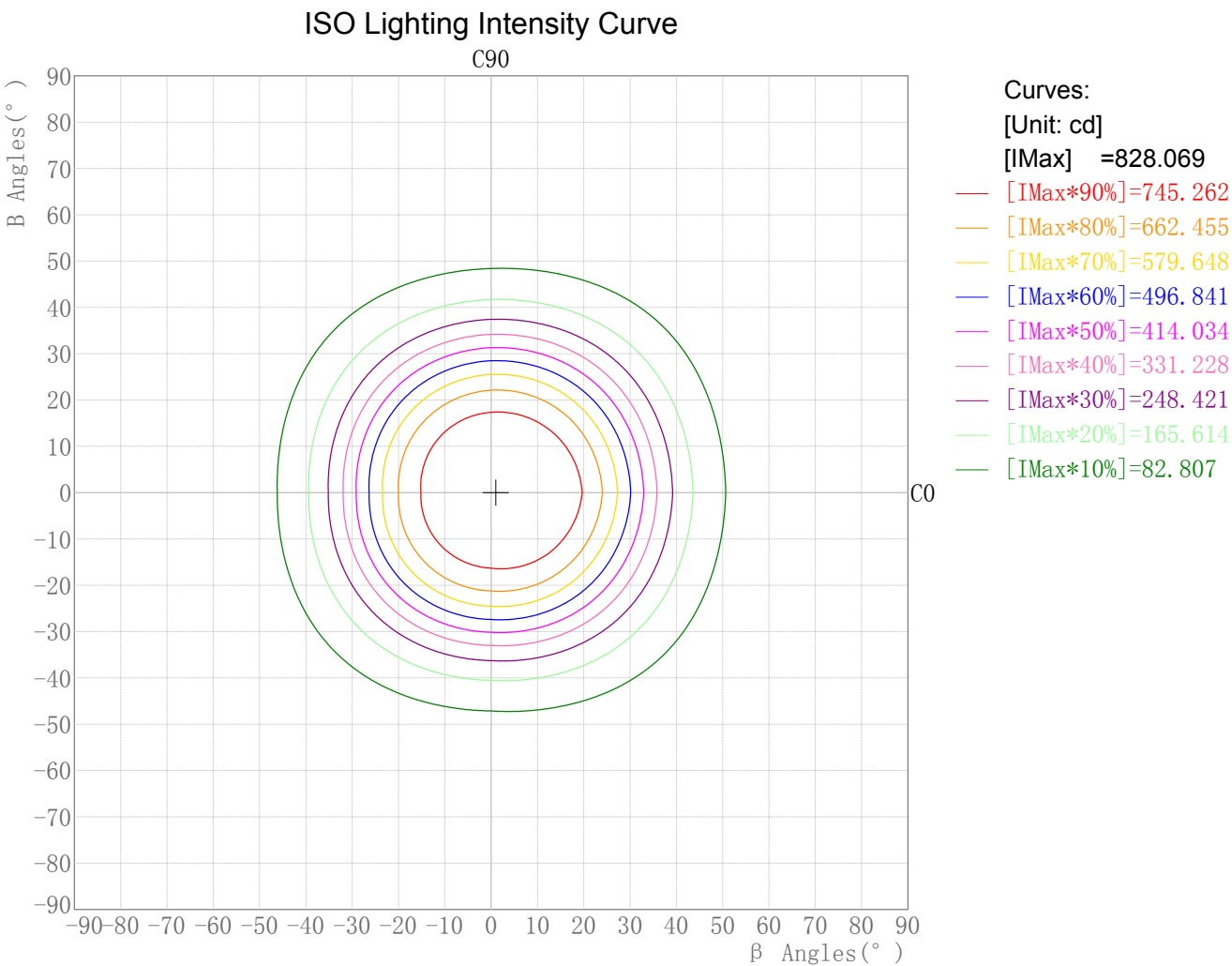
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.79	0.79	0.08	0.08	47.0-48.0	7.20	823.68	0.77	88.13
1.0-2.0	2.37	3.16	0.25	0.34	48.0-49.0	6.59	830.27	0.71	88.84
2.0-3.0	3.94	7.10	0.42	0.76	49.0-50.0	6.03	836.30	0.65	89.48
3.0-4.0	5.51	12.61	0.59	1.35	50.0-51.0	5.51	841.81	0.59	90.07
4.0-5.0	7.07	19.69	0.76	2.11	51.0-52.0	5.04	846.85	0.54	90.61
5.0-6.0	8.62	28.31	0.92	3.03	52.0-53.0	4.60	851.45	0.49	91.11
6.0-7.0	10.16	38.47	1.09	4.12	53.0-54.0	4.21	855.66	0.45	91.56
7.0-8.0	11.68	50.15	1.25	5.37	54.0-55.0	3.86	859.52	0.41	91.97
8.0-9.0	13.18	63.34	1.41	6.78	55.0-56.0	3.54	863.06	0.38	92.35
9.0-10.0	14.65	77.98	1.57	8.34	56.0-57.0	3.26	866.32	0.35	92.70
10.0-11.0	16.07	94.05	1.72	10.06	57.0-58.0	3.01	869.33	0.32	93.02
11.0-12.0	17.46	111.52	1.87	11.93	58.0-59.0	2.79	872.11	0.30	93.32
12.0-13.0	18.80	130.32	2.01	13.94	59.0-60.0	2.59	874.70	0.28	93.59
13.0-14.0	20.07	150.38	2.15	16.09	60.0-61.0	2.41	877.11	0.26	93.85
14.0-15.0	21.27	171.65	2.28	18.37	61.0-62.0	2.26	879.37	0.24	94.09
15.0-16.0	22.39	194.05	2.40	20.76	62.0-63.0	2.12	881.49	0.23	94.32
16.0-17.0	23.44	217.49	2.51	23.27	63.0-64.0	2.00	883.49	0.21	94.53
17.0-18.0	24.38	241.87	2.61	25.88	64.0-65.0	1.89	885.38	0.20	94.74
18.0-19.0	25.20	267.07	2.70	28.58	65.0-66.0	1.79	887.17	0.19	94.93
19.0-20.0	25.91	292.98	2.77	31.35	66.0-67.0	1.69	888.85	0.18	95.11
20.0-21.0	26.47	319.45	2.83	34.18	67.0-68.0	1.60	890.45	0.17	95.28
21.0-22.0	26.88	346.34	2.88	37.06	68.0-69.0	1.52	891.97	0.16	95.44
22.0-23.0	27.14	373.48	2.90	39.96	69.0-70.0	1.44	893.41	0.15	95.59
23.0-24.0	27.24	400.72	2.91	42.88	70.0-71.0	1.37	894.78	0.15	95.74
24.0-25.0	27.16	427.88	2.91	45.78	71.0-72.0	1.30	896.07	0.14	95.88
25.0-26.0	26.92	454.80	2.88	48.66	72.0-73.0	1.23	897.30	0.13	96.01
26.0-27.0	26.54	481.34	2.84	51.50	73.0-74.0	1.17	898.47	0.12	96.14
27.0-28.0	26.01	507.36	2.78	54.29	74.0-75.0	1.10	899.57	0.12	96.25
28.0-29.0	25.34	532.70	2.71	57.00	75.0-76.0	1.04	900.62	0.11	96.37
29.0-30.0	24.55	557.25	2.63	59.63	76.0-77.0	0.99	901.60	0.11	96.47
30.0-31.0	23.66	580.91	2.53	62.16	77.0-78.0	0.93	902.53	0.10	96.57
31.0-32.0	22.67	603.58	2.43	64.58	78.0-79.0	0.87	903.41	0.09	96.66
32.0-33.0	21.60	625.19	2.31	66.89	79.0-80.0	0.82	904.23	0.09	96.75
33.0-34.0	20.49	645.68	2.19	69.09	80.0-81.0	0.77	905.00	0.08	96.83
34.0-35.0	19.35	665.03	2.07	71.16	81.0-82.0	0.72	905.72	0.08	96.91
35.0-36.0	18.18	683.21	1.95	73.10	82.0-83.0	0.66	906.38	0.07	96.98
36.0-37.0	17.04	700.25	1.82	74.93	83.0-84.0	0.61	906.99	0.07	97.05
37.0-38.0	15.94	716.19	1.71	76.63	84.0-85.0	0.57	907.56	0.06	97.11
38.0-39.0	14.87	731.07	1.59	78.22	85.0-86.0	0.53	908.09	0.06	97.17
39.0-40.0	13.84	744.91	1.48	79.71	86.0-87.0	0.50	908.58	0.05	97.22
40.0-41.0	12.84	757.75	1.37	81.08	87.0-88.0	0.47	909.05	0.05	97.27
41.0-42.0	11.89	769.64	1.27	82.35	88.0-89.0	0.45	909.51	0.05	97.32
42.0-43.0	10.98	780.62	1.17	83.53	89.0-90.0	0.44	909.95	0.05	97.36
43.0-44.0	10.12	790.74	1.08	84.61	90.0-91.0	0.43	910.37	0.05	97.41
44.0-45.0	9.32	800.06	1.00	85.61	91.0-92.0	0.42	910.79	0.04	97.45
45.0-46.0	8.56	808.62	0.92	86.52	92.0-93.0	0.41	911.20	0.04	97.50
46.0-47.0	7.86	816.48	0.84	87.36	93.0-94.0	0.40	911.60	0.04	97.54

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	0.39	911.98	0.04	97.58	141.0-142.0	0.32	926.90	0.03	99.18
95.0-96.0	0.38	912.36	0.04	97.62	142.0-143.0	0.32	927.22	0.03	99.21
96.0-97.0	0.37	912.74	0.04	97.66	143.0-144.0	0.32	927.54	0.03	99.25
97.0-98.0	0.36	913.10	0.04	97.70	144.0-145.0	0.32	927.85	0.03	99.28
98.0-99.0	0.36	913.46	0.04	97.74	145.0-146.0	0.31	928.17	0.03	99.31
99.0-100.0	0.35	913.81	0.04	97.78	146.0-147.0	0.31	928.48	0.03	99.35
100.0-101.0	0.34	914.15	0.04	97.81	147.0-148.0	0.31	928.79	0.03	99.38
101.0-102.0	0.34	914.49	0.04	97.85	148.0-149.0	0.30	929.09	0.03	99.41
102.0-103.0	0.33	914.82	0.04	97.89	149.0-150.0	0.30	929.39	0.03	99.44
103.0-104.0	0.33	915.15	0.03	97.92	150.0-151.0	0.30	929.69	0.03	99.48
104.0-105.0	0.32	915.47	0.03	97.96	151.0-152.0	0.29	929.98	0.03	99.51
105.0-106.0	0.32	915.79	0.03	97.99	152.0-153.0	0.29	930.26	0.03	99.54
106.0-107.0	0.31	916.10	0.03	98.02	153.0-154.0	0.28	930.54	0.03	99.57
107.0-108.0	0.31	916.41	0.03	98.06	154.0-155.0	0.27	930.82	0.03	99.60
108.0-109.0	0.31	916.72	0.03	98.09	155.0-156.0	0.27	931.08	0.03	99.63
109.0-110.0	0.30	917.02	0.03	98.12	156.0-157.0	0.26	931.34	0.03	99.65
110.0-111.0	0.30	917.32	0.03	98.15	157.0-158.0	0.25	931.59	0.03	99.68
111.0-112.0	0.30	917.62	0.03	98.19	158.0-159.0	0.24	931.84	0.03	99.71
112.0-113.0	0.30	917.92	0.03	98.22	159.0-160.0	0.24	932.07	0.03	99.73
113.0-114.0	0.30	918.21	0.03	98.25	160.0-161.0	0.23	932.30	0.02	99.76
114.0-115.0	0.30	918.51	0.03	98.28	161.0-162.0	0.22	932.52	0.02	99.78
115.0-116.0	0.30	918.81	0.03	98.31	162.0-163.0	0.21	932.73	0.02	99.80
116.0-117.0	0.30	919.10	0.03	98.34	163.0-164.0	0.20	932.93	0.02	99.82
117.0-118.0	0.30	919.40	0.03	98.38	164.0-165.0	0.19	933.12	0.02	99.84
118.0-119.0	0.30	919.69	0.03	98.41	165.0-166.0	0.18	933.30	0.02	99.86
119.0-120.0	0.30	919.99	0.03	98.44	166.0-167.0	0.17	933.47	0.02	99.88
120.0-121.0	0.30	920.29	0.03	98.47	167.0-168.0	0.16	933.63	0.02	99.90
121.0-122.0	0.30	920.59	0.03	98.50	168.0-169.0	0.15	933.78	0.02	99.91
122.0-123.0	0.30	920.89	0.03	98.53	169.0-170.0	0.14	933.91	0.01	99.93
123.0-124.0	0.30	921.19	0.03	98.57	170.0-171.0	0.12	934.04	0.01	99.94
124.0-125.0	0.30	921.50	0.03	98.60	171.0-172.0	0.11	934.15	0.01	99.95
125.0-126.0	0.31	921.80	0.03	98.63	172.0-173.0	0.10	934.25	0.01	99.96
126.0-127.0	0.31	922.11	0.03	98.67	173.0-174.0	0.09	934.34	0.01	99.97
127.0-128.0	0.31	922.42	0.03	98.70	174.0-175.0	0.07	934.41	0.01	99.98
128.0-129.0	0.31	922.73	0.03	98.73	175.0-176.0	0.06	934.47	0.01	99.99
129.0-130.0	0.31	923.05	0.03	98.77	176.0-177.0	0.05	934.52	0.01	99.99
130.0-131.0	0.32	923.36	0.03	98.80	177.0-178.0	0.03	934.55	0.00	100.00
131.0-132.0	0.32	923.68	0.03	98.83	178.0-179.0	0.02	934.58	0.00	100.00
132.0-133.0	0.32	924.00	0.03	98.87	179.0-180.0	0.01	934.58	0.00	100.00
133.0-134.0	0.32	924.32	0.03	98.90					
134.0-135.0	0.32	924.64	0.03	98.94					
135.0-136.0	0.32	924.96	0.03	98.97					
136.0-137.0	0.32	925.28	0.03	99.01					
137.0-138.0	0.32	925.61	0.03	99.04					
138.0-139.0	0.32	925.93	0.03	99.07					
139.0-140.0	0.32	926.25	0.03	99.11					
140.0-141.0	0.32	926.58	0.03	99.14					

Rectangle ISO Lighting Intensity Diagram

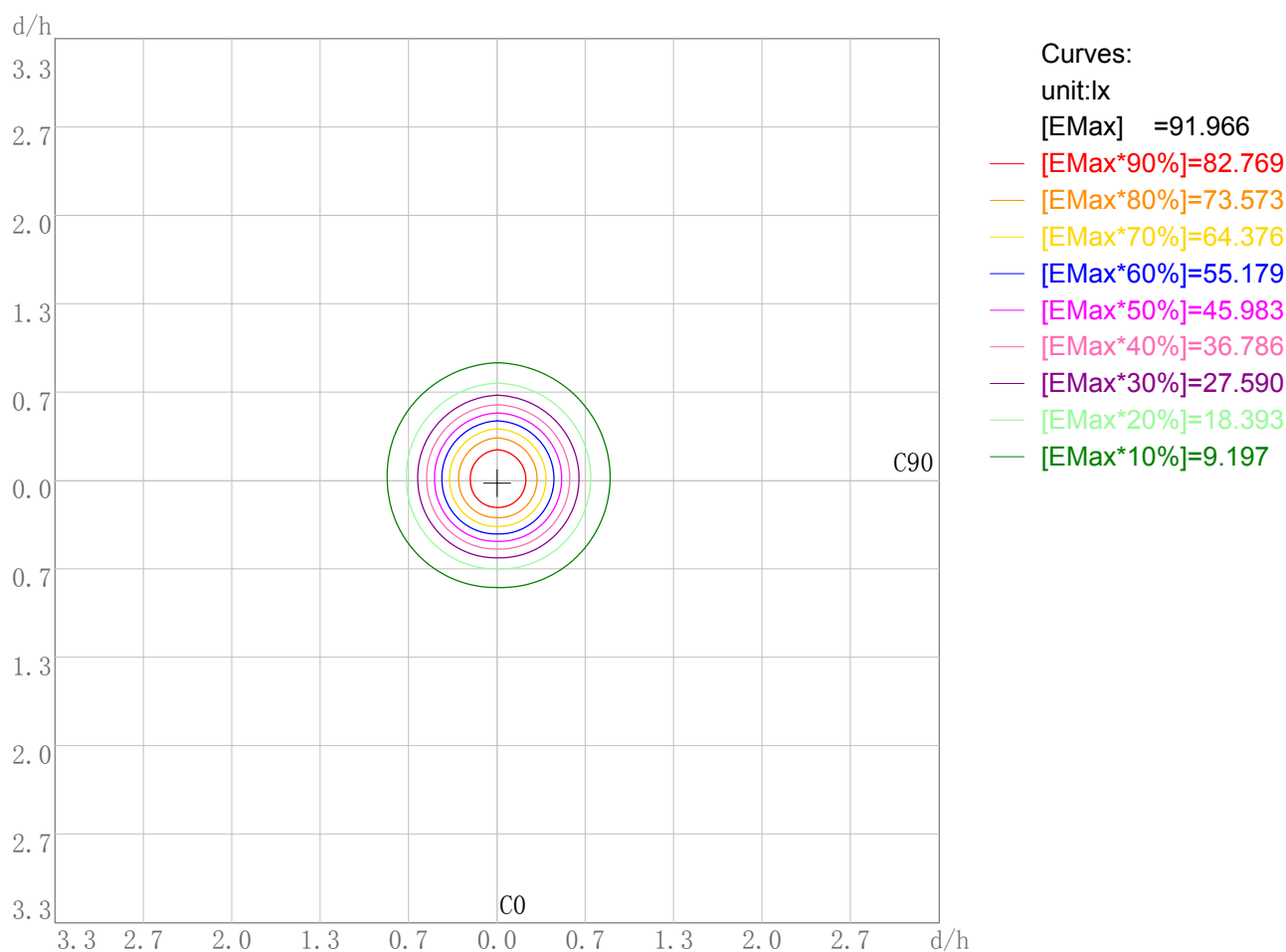
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Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/01/02



Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-SL-03 3000K RA97 60D	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: 2020/01/02

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

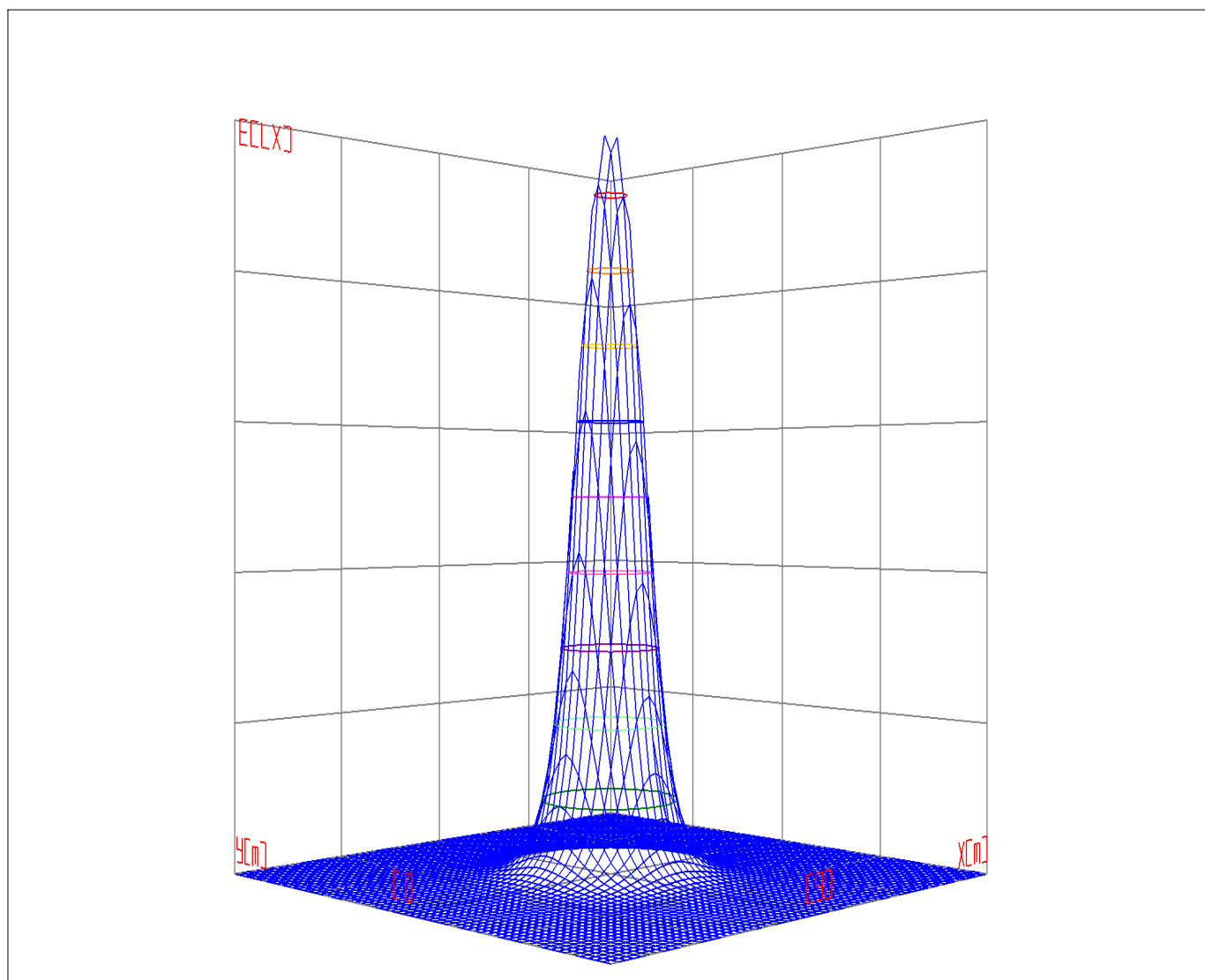
Working Plane Maximum Illuminance(lx): 91.97

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

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-SL-03 3000K RA97 60D	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: 2020/01/02

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

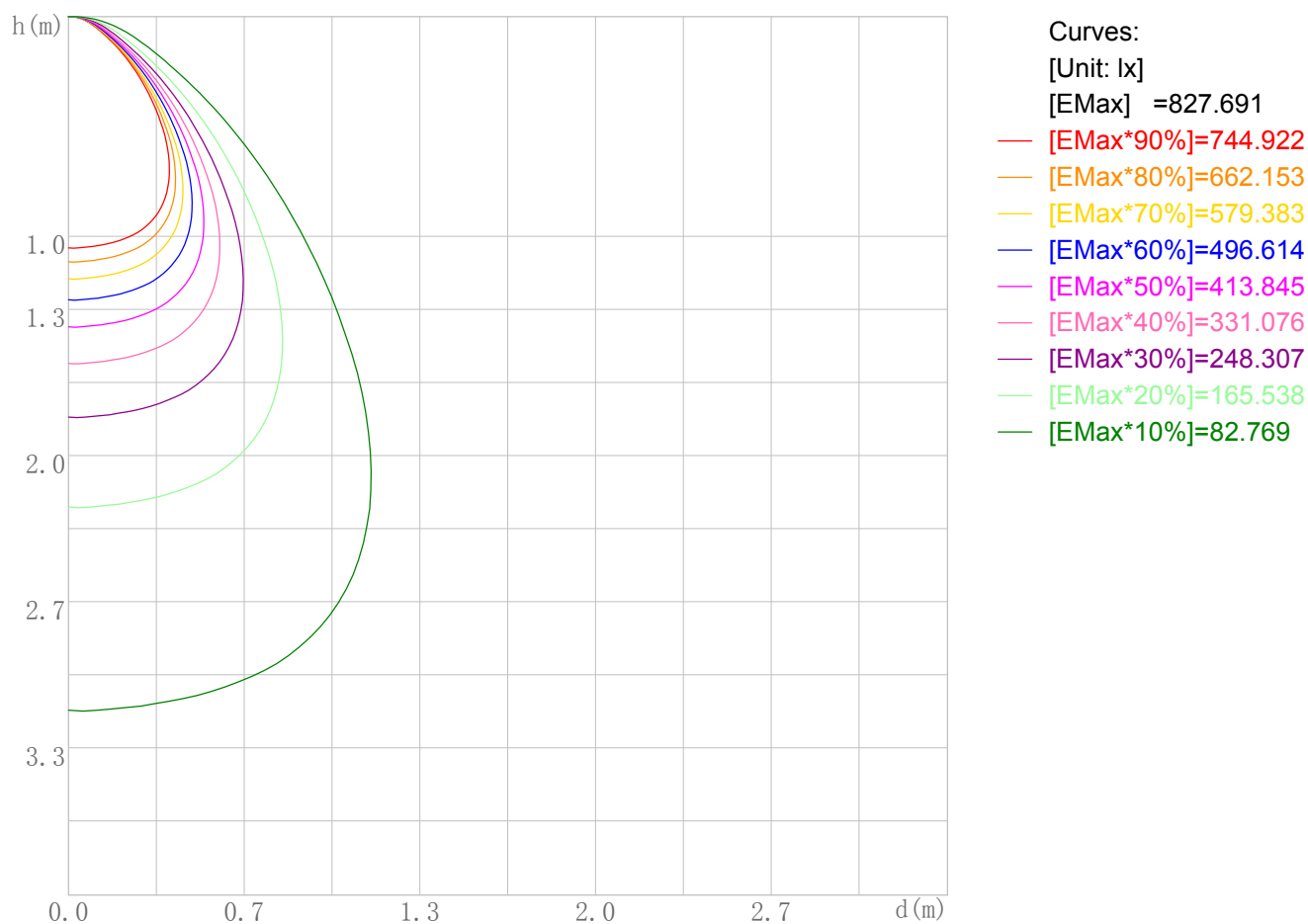
IES Indoor Report

Photometric Filename:MD10-13-SL-03 3000K RA97 60D.IES

Space ISO Illuminance Diagram

Lum. Name: MD10-13-SL-03 3000K RA97 60D	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: 2020/01/02

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:827.69lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:828.069cd,0deg

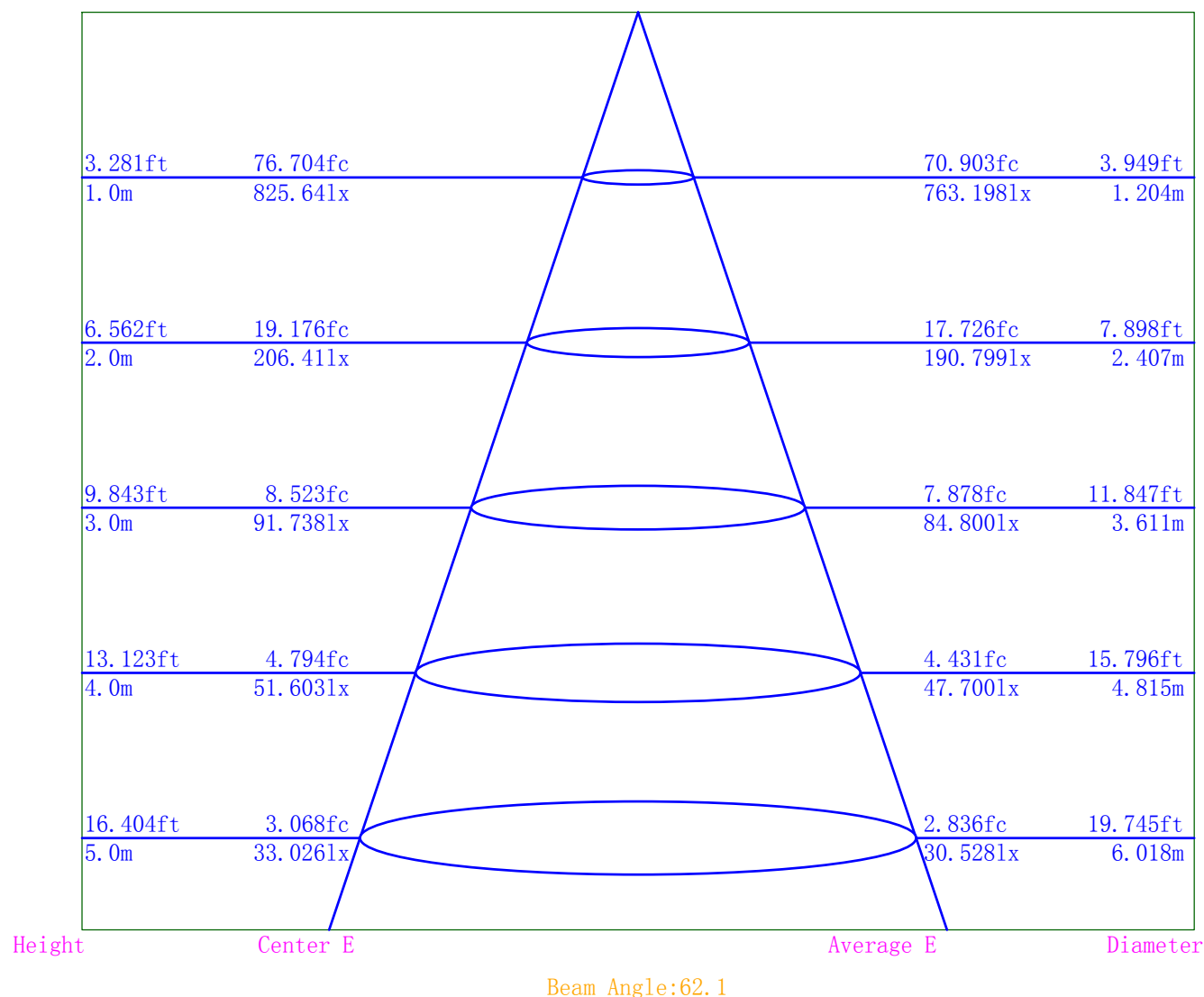
IES Indoor Report

Photometric Filename:MD10-13-SL-03 3000K RA97 60D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-13-SL-03 3000K RA97 60D	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: 2020/01/02

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-13-SL-03 3000K RA97 60D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-SL-03 3000K RA97 60D	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: 2020/01/02

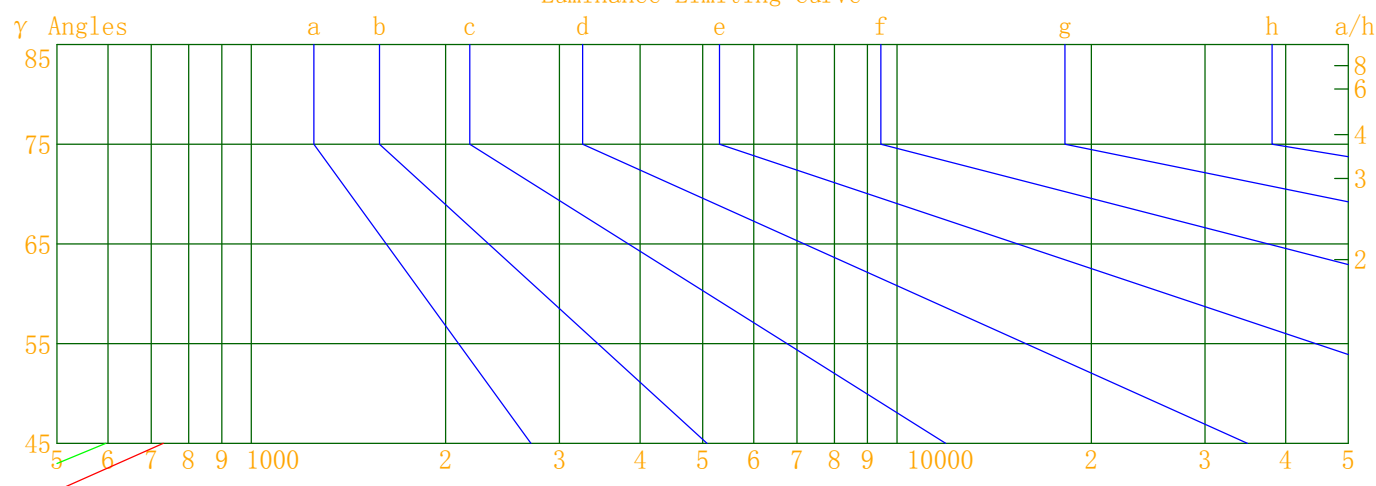
Glare Grade Table

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	730	489	331	233	188	169	165	181	247
C90	595	388	260	189	154	138	133	142	185

Luminance Limiting Curve



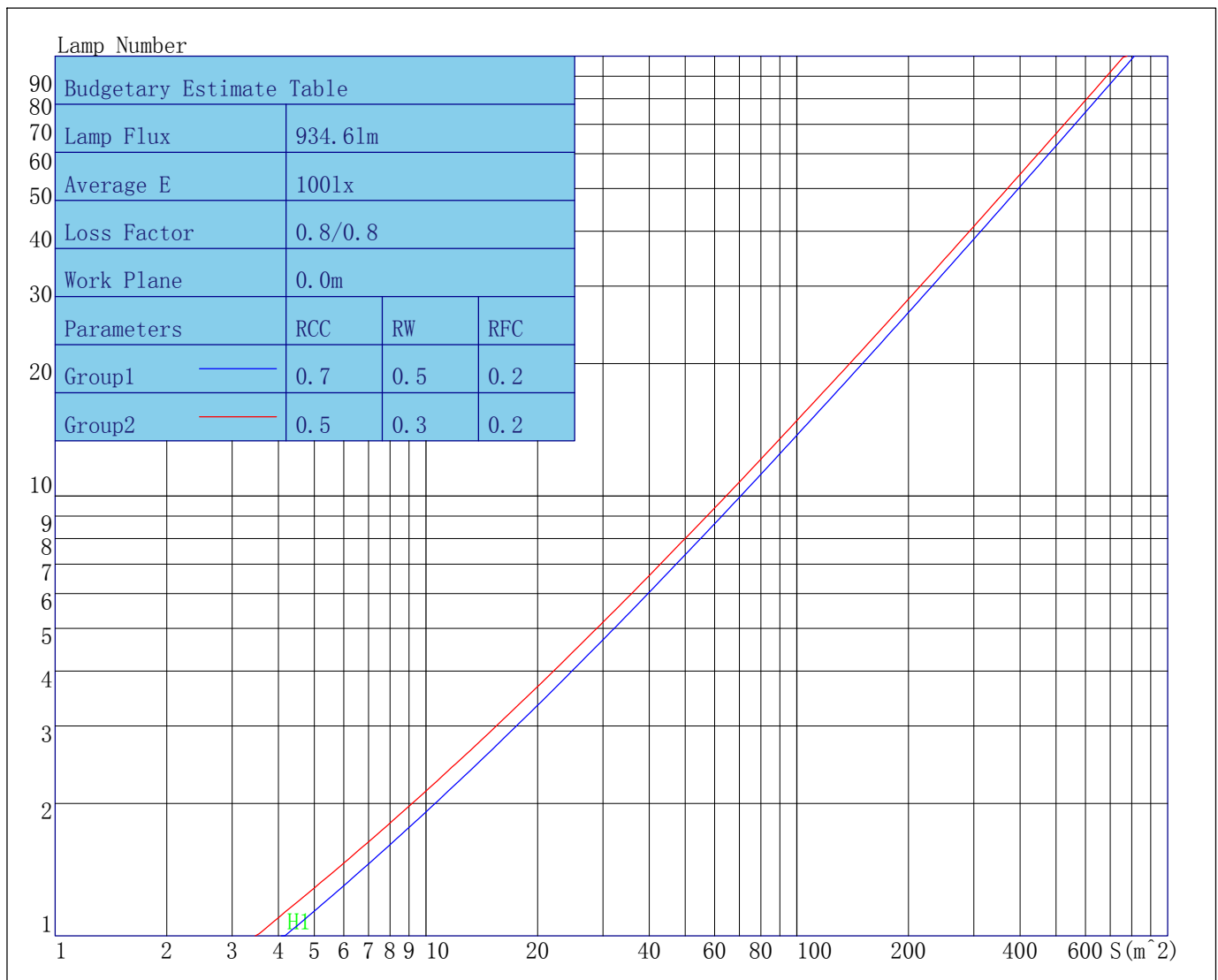
Luminous Size: Length(m)=0.498 Width(m)=0.498 Height(m)=0.065 Area(m²)=0.280374
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-SL-03 3000K RA97 60D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-SL-03 3000K RA97 60D	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: 2020/01/02



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-SL-03 3000K RA97 60D.IES

Indoor Coefficient of Utilization Table

Lum. Name: MD10-13-SL-03 3000K RA97 60D	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: 2020/01/02

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	100	100	100	97
1	112	109	106	103	109	106	104	101	102	100	98	97	96	94	94	92	91	89
2	105	100	95	91	103	98	94	90	94	91	88	91	88	85	87	85	83	81
3	99	92	86	82	97	90	85	81	87	83	79	84	81	78	82	79	76	74
4	93	85	79	74	91	84	78	73	81	76	72	79	74	71	76	73	70	68
5	88	79	72	67	86	78	72	67	75	70	66	73	69	65	72	68	64	63
6	83	73	67	62	81	72	66	62	70	65	61	69	64	60	67	63	60	58
7	79	68	62	57	77	68	61	57	66	60	56	64	60	56	63	59	55	54
8	74	64	57	53	73	63	57	53	62	56	52	61	56	52	59	55	52	50
9	71	60	54	49	69	59	53	49	58	53	49	57	52	48	56	51	48	47
10	67	56	50	46	66	56	50	46	55	49	46	54	49	45	53	48	45	44

Unified Glare Rating Table

Lum. Name: MD10-13-SL-03 3000K RA97 60D	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: 2020/01/02

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 Y=3H Y=4H Y=6H Y=8H Y=12H	7.6	8.7	8.0	9.1	9.5	6.7	7.8	7.1	8.2	8.6
	7.8	8.8	8.2	9.2	9.6	6.9	7.8	7.3	8.2	8.7
	7.9	8.8	8.3	9.2	9.7	6.9	7.8	7.4	8.3	8.7
	8.0	8.8	8.5	9.3	9.7	7.0	7.9	7.5	8.3	8.7
	8.1	8.9	8.5	9.3	9.8	7.1	7.9	7.5	8.3	8.8
	8.1	8.9	8.6	9.3	9.8	7.1	7.9	7.6	8.3	8.8
X=4H Y=2H Y=3H Y=4H Y=6H Y=8H Y=12H	7.5	8.5	8.0	8.9	9.3	6.7	7.6	7.1	8.0	8.4
	7.8	8.6	8.3	9.0	9.5	6.9	7.6	7.4	8.1	8.6
	8.0	8.6	8.5	9.1	9.6	7.0	7.7	7.5	8.2	8.7
	8.2	8.8	8.7	9.3	9.8	7.2	7.8	7.7	8.3	8.9
	8.3	8.9	8.8	9.4	9.9	7.3	7.9	7.8	8.4	8.9
	8.5	9.0	9.0	9.5	10.0	7.4	7.9	8.0	8.5	9.0
X=8H Y=4H Y=6H Y=8H Y=12H	8.0	8.5	8.5	9.0	9.5	7.0	7.6	7.6	8.1	8.6
	8.3	8.7	8.8	9.3	9.9	7.3	7.8	7.9	8.3	8.9
	8.5	8.9	9.1	9.5	10.0	7.5	7.9	8.1	8.5	9.0
	8.8	9.1	9.3	9.7	10.3	7.7	8.1	8.3	8.6	9.2
X=12H Y=4H Y=6H Y=8H	7.9	8.4	8.5	8.9	9.5	7.0	7.5	7.5	8.0	8.6
	8.3	8.7	8.9	9.2	9.8	7.3	7.7	7.9	8.3	8.9
	8.5	8.9	9.1	9.4	10.1	7.6	7.9	8.1	8.5	9.1
Variations with the objerver position at spacings										
S=1.0H	0.2/−0.2					0.3/−0.3				
S=1.5H	0.5/−0.5					0.5/−0.6				
S=2.0H	0.7/−0.6					0.8/−0.8				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.2					1.1				

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	825.64	825.64	825.64	825.64
γ 1.0	828.07	823.76	827.70	824.05
γ 2.0	827.13	824.59	825.33	822.57
γ 3.0	825.81	824.59	824.48	820.58
γ 4.0	824.99	824.03	822.22	819.97
γ 5.0	825.07	823.14	820.38	817.25
γ 6.0	823.04	821.23	817.73	814.75
γ 7.0	822.51	819.76	815.10	813.04
γ 8.0	821.67	816.31	812.34	808.51
γ 9.0	820.38	814.16	809.59	803.95
γ 10.0	817.85	810.80	799.40	798.35
γ 11.0	815.12	805.24	792.89	793.59
γ 12.0	811.37	799.22	786.39	786.84
γ 13.0	807.62	792.46	772.53	779.37
γ 14.0	803.08	784.04	760.99	770.70
γ 15.0	797.15	773.53	747.67	760.25
γ 16.0	788.76	763.43	733.54	749.10
γ 17.0	778.63	750.55	720.52	736.46
γ 18.0	767.67	735.65	701.53	722.84
γ 19.0	754.90	721.35	684.80	706.16
γ 20.0	740.25	704.59	662.81	688.69
γ 21.0	723.92	685.09	641.20	667.48
γ 22.0	705.55	665.18	617.38	644.92
γ 23.0	685.68	643.13	591.22	621.39
γ 24.0	663.11	619.21	565.27	594.42
γ 25.0	639.30	593.28	536.83	566.43
γ 26.0	613.55	567.18	507.31	538.10
γ 27.0	587.81	539.59	477.85	508.20
γ 28.0	559.01	511.11	447.78	478.79
γ 29.0	530.25	481.08	418.08	448.65
γ 30.0	500.99	452.14	387.89	418.28
γ 31.0	471.08	422.77	358.75	389.00
γ 32.0	441.34	393.49	329.50	359.35
γ 33.0	412.50	364.17	302.19	330.62
γ 34.0	383.61	335.92	276.20	303.42
γ 35.0	354.55	308.65	251.90	277.86
γ 36.0	325.67	281.96	229.28	254.32
γ 37.0	300.31	257.73	208.47	232.10
γ 38.0	275.94	235.43	189.19	211.45
γ 39.0	252.51	214.62	171.80	192.15
γ 40.0	231.19	194.95	155.92	174.33
γ 41.0	210.76	176.88	141.12	157.70
γ 42.0	192.20	160.28	127.49	142.37
γ 43.0	174.85	144.95	115.21	128.23
γ 44.0	159.36	130.90	103.88	115.44
γ 45.0	144.78	117.99	93.60	103.85
γ 46.0	131.37	106.30	84.34	93.39

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	119.04	95.80	75.89	83.92
γ 48.0	107.88	86.18	68.11	75.50
γ 49.0	97.62	77.64	61.44	67.89
γ 50.0	88.22	69.87	54.78	61.12
γ 51.0	79.92	62.87	49.21	54.92
γ 52.0	72.19	56.58	44.19	49.56
γ 53.0	65.24	50.98	39.76	44.84
γ 54.0	58.59	46.08	35.98	40.59
γ 55.0	53.18	41.74	32.57	36.89
γ 56.0	48.08	37.87	29.59	33.66
γ 57.0	43.57	34.45	27.14	30.79
γ 58.0	39.47	31.43	25.02	28.31
γ 59.0	36.03	28.79	23.14	26.19
γ 60.0	32.60	26.47	21.49	24.34
γ 61.0	30.26	24.42	19.81	22.67
γ 62.0	27.87	22.60	18.71	21.19
γ 63.0	25.77	21.01	17.61	19.91
γ 64.0	23.89	19.59	16.56	18.72
γ 65.0	22.31	18.30	15.59	17.66
γ 66.0	20.83	17.10	14.70	16.69
γ 67.0	19.15	16.03	13.87	15.78
γ 68.0	18.10	15.05	13.08	14.92
γ 69.0	17.07	14.13	12.34	14.15
γ 70.0	16.20	13.27	11.66	13.40
γ 71.0	15.24	12.48	10.99	12.69
γ 72.0	14.36	11.73	10.35	12.03
γ 73.0	13.53	11.01	9.77	11.39
γ 74.0	12.74	10.34	9.19	10.77
γ 75.0	11.99	9.68	8.65	10.18
γ 76.0	11.29	9.09	8.11	9.61
γ 77.0	10.62	8.51	7.61	9.09
γ 78.0	9.97	7.95	7.13	8.55
γ 79.0	9.36	7.43	6.65	8.06
γ 80.0	8.80	6.91	6.22	7.57
γ 81.0	8.24	6.44	5.72	7.09
γ 82.0	7.71	5.95	5.22	6.56
γ 83.0	7.17	5.41	4.78	6.05
γ 84.0	6.59	4.91	4.51	5.60
γ 85.0	6.05	4.52	4.16	5.22
γ 86.0	5.58	4.20	3.94	4.92
γ 87.0	5.19	3.92	3.79	4.68
γ 88.0	4.87	3.75	3.69	4.50
γ 89.0	4.65	3.61	3.62	4.38
γ 90.0	4.46	3.52	3.53	4.27
γ 91.0	4.34	3.43	3.46	4.16
γ 92.0	4.24	3.35	3.39	4.08
γ 93.0	4.12	3.27	3.32	3.97

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	4.02	3.20	3.26	3.89
γ 95.0	3.93	3.13	3.20	3.81
γ 96.0	3.85	3.06	3.15	3.74
γ 97.0	3.75	3.01	3.09	3.66
γ 98.0	3.68	2.96	3.06	3.61
γ 99.0	3.60	2.90	3.01	3.55
γ 100.0	3.53	2.85	2.97	3.48
γ 101.0	3.47	2.81	2.95	3.42
γ 102.0	3.41	2.77	2.93	3.38
γ 103.0	3.34	2.73	2.90	3.34
γ 104.0	3.29	2.69	2.88	3.30
γ 105.0	3.24	2.67	2.87	3.26
γ 106.0	3.20	2.65	2.86	3.25
γ 107.0	3.16	2.63	2.86	3.22
γ 108.0	3.13	2.62	2.87	3.20
γ 109.0	3.10	2.60	2.86	3.18
γ 110.0	3.09	2.60	2.87	3.18
γ 111.0	3.06	2.59	2.89	3.18
γ 112.0	3.05	2.60	2.91	3.18
γ 113.0	3.05	2.61	2.94	3.19
γ 114.0	3.04	2.63	2.97	3.21
γ 115.0	3.05	2.65	2.99	3.22
γ 116.0	3.04	2.67	3.04	3.23
γ 117.0	3.07	2.70	3.08	3.26
γ 118.0	3.08	2.73	3.12	3.28
γ 119.0	3.10	2.77	3.17	3.33
γ 120.0	3.13	2.82	3.23	3.36
γ 121.0	3.15	2.85	3.28	3.40
γ 122.0	3.20	2.91	3.34	3.46
γ 123.0	3.23	2.97	3.41	3.52
γ 124.0	3.28	3.02	3.48	3.56
γ 125.0	3.33	3.09	3.55	3.63
γ 126.0	3.39	3.14	3.63	3.67
γ 127.0	3.45	3.22	3.70	3.75
γ 128.0	3.51	3.29	3.78	3.82
γ 129.0	3.57	3.37	3.86	3.88
γ 130.0	3.63	3.45	3.95	3.95
γ 131.0	3.71	3.53	4.03	4.03
γ 132.0	3.78	3.61	4.12	4.10
γ 133.0	3.86	3.70	4.20	4.19
γ 134.0	3.93	3.78	4.28	4.27
γ 135.0	4.00	3.87	4.38	4.35
γ 136.0	4.08	3.95	4.47	4.43
γ 137.0	4.17	4.04	4.58	4.51
γ 138.0	4.25	4.12	4.66	4.59
γ 139.0	4.33	4.21	4.74	4.68
γ 140.0	4.41	4.30	4.84	4.75

IES Indoor Report

Photometric Filename:MD10-13-SL-03 3000K RA97 60D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	4.51	4.39	4.93	4.83
γ 142.0	4.58	4.48	5.02	4.93
γ 143.0	4.68	4.57	5.10	5.01
γ 144.0	4.76	4.66	5.19	5.09
γ 145.0	4.83	4.76	5.29	5.17
γ 146.0	4.93	4.84	5.37	5.26
γ 147.0	5.02	4.93	5.46	5.32
γ 148.0	5.11	5.01	5.56	5.41
γ 149.0	5.19	5.10	5.63	5.49
γ 150.0	5.27	5.18	5.71	5.56
γ 151.0	5.35	5.28	5.80	5.64
γ 152.0	5.44	5.36	5.87	5.72
γ 153.0	5.54	5.44	5.94	5.78
γ 154.0	5.61	5.53	6.02	5.86
γ 155.0	5.69	5.61	6.12	5.93
γ 156.0	5.77	5.69	6.16	5.99
γ 157.0	5.85	5.77	6.18	6.07
γ 158.0	5.91	5.85	6.24	6.13
γ 159.0	6.00	5.92	6.32	6.20
γ 160.0	6.08	6.01	6.41	6.26
γ 161.0	6.15	6.08	6.49	6.32
γ 162.0	6.23	6.15	6.56	6.38
γ 163.0	6.30	6.22	6.63	6.45
γ 164.0	6.36	6.29	6.69	6.52
γ 165.0	6.43	6.36	6.74	6.58
γ 166.0	6.52	6.43	6.81	6.64
γ 167.0	6.59	6.50	6.88	6.68
γ 168.0	6.66	6.56	6.93	6.75
γ 169.0	6.74	6.62	6.98	6.81
γ 170.0	6.79	6.68	7.02	6.86
γ 171.0	6.87	6.73	7.06	6.90
γ 172.0	6.92	6.79	7.12	6.95
γ 173.0	6.97	6.85	7.15	6.99
γ 174.0	7.03	6.90	7.18	7.03
γ 175.0	7.08	6.95	7.21	7.06
γ 176.0	7.12	6.99	7.23	7.07
γ 177.0	7.16	7.01	7.25	7.11
γ 178.0	7.19	7.05	7.26	7.12
γ 179.0	7.22	7.07	7.27	7.13
γ 180.0	7.20	7.20	7.20	7.20