

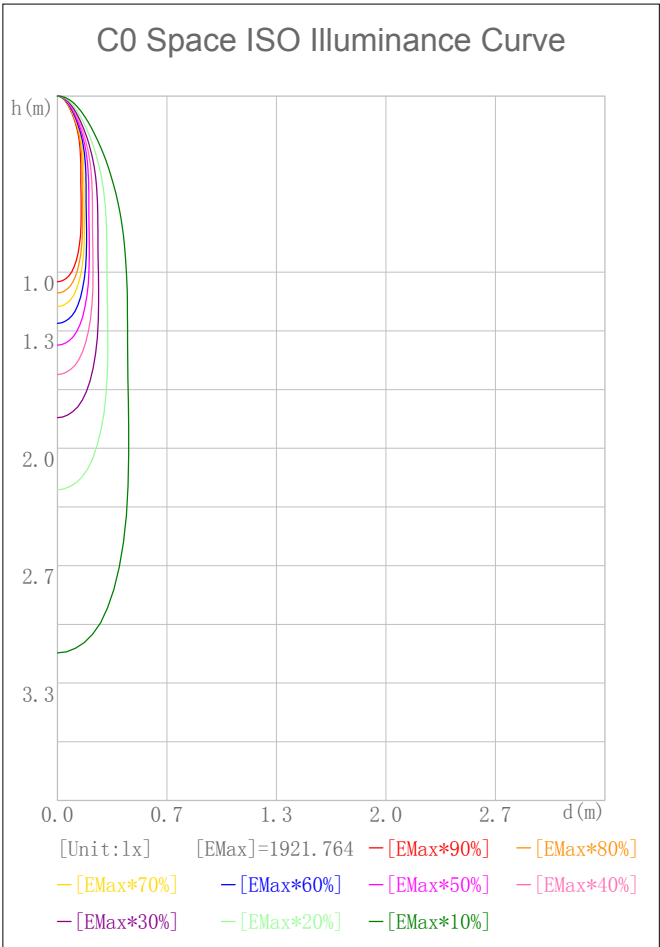
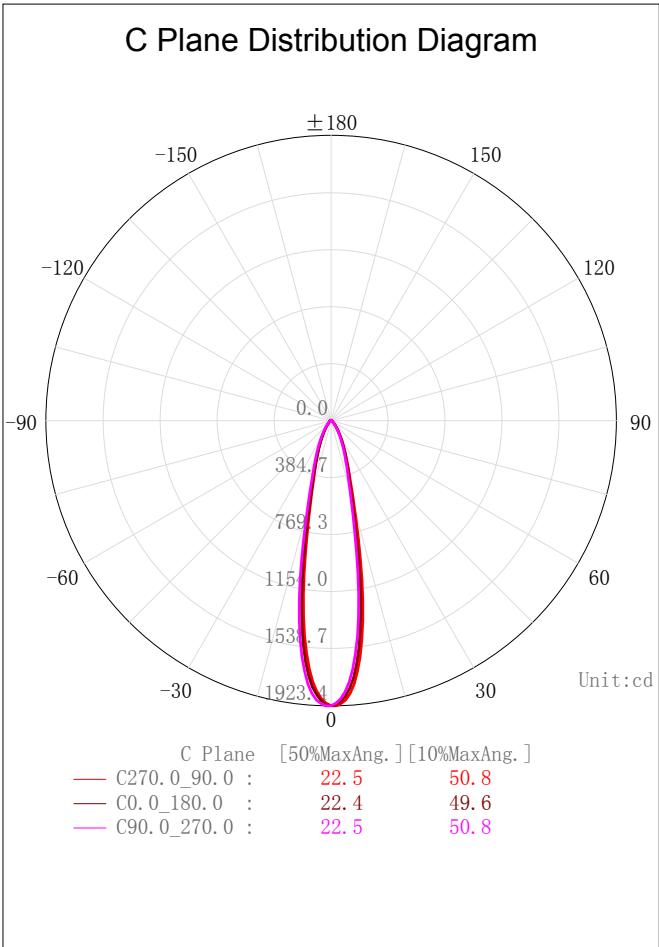
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-06-XX-03 2700K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/12/11
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*0.350m	Lum. Area (m2):0.020	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity(%): 50.0

Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 492.950	Luminary Flux(lm): 492.946	Field Angle(10%Imax): 50.8(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 488.514lm 99.10%
Rated Voltage(V):	Luminary EER(lm/W): 89.464	Up Lumens&Percent: 4.432lm 0.90%
Tested Power(W): 5.510	Max. Candela(cd): 1923.372	S/MH: C0_a180=0.382 C90_270=0.384
Lamps' Inside: 1	Max Cand@Ang. (°): C=270.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.3, 0.026, 0.867	Beam Angle(50%Imax): 22.5(°)	ErP Φ use(90°): 448.711lm
Lamp Size(W*L*H):0.050m*0.050m*0.350m	Left=-10.5°, Right=11.9°	IRF(%): 839.540



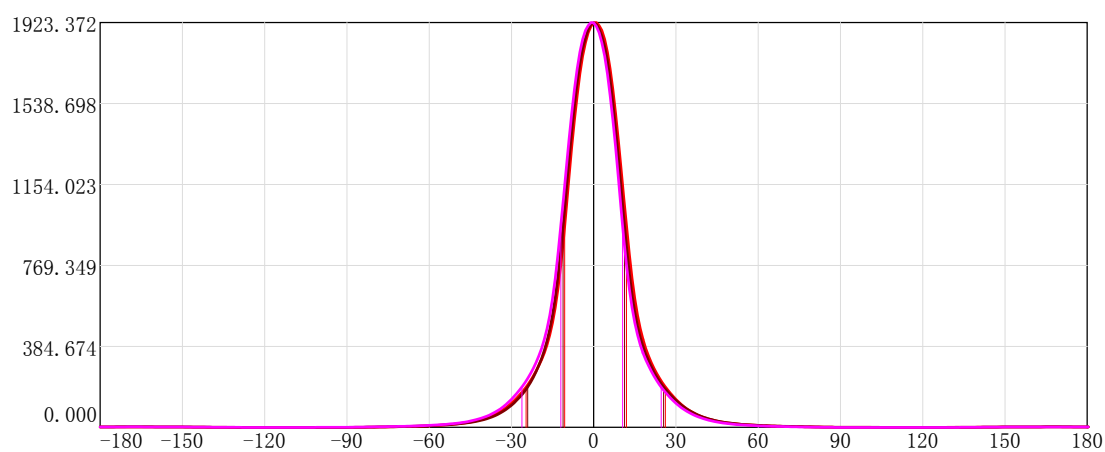
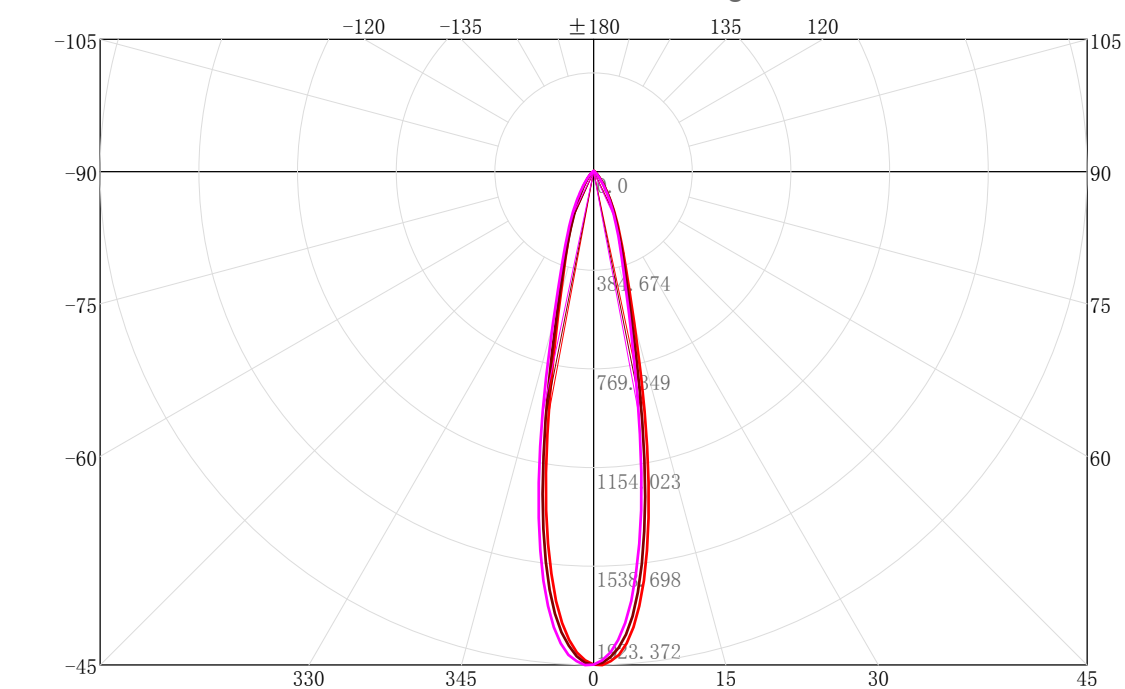
IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 24D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-06-XX-03 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: 2019/12/11

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
C270.0_90.0 :	22.5	50.8
C0.0_180.0 :	22.4	49.6
C90.0_270.0 :	22.5	50.8

Unit:cd

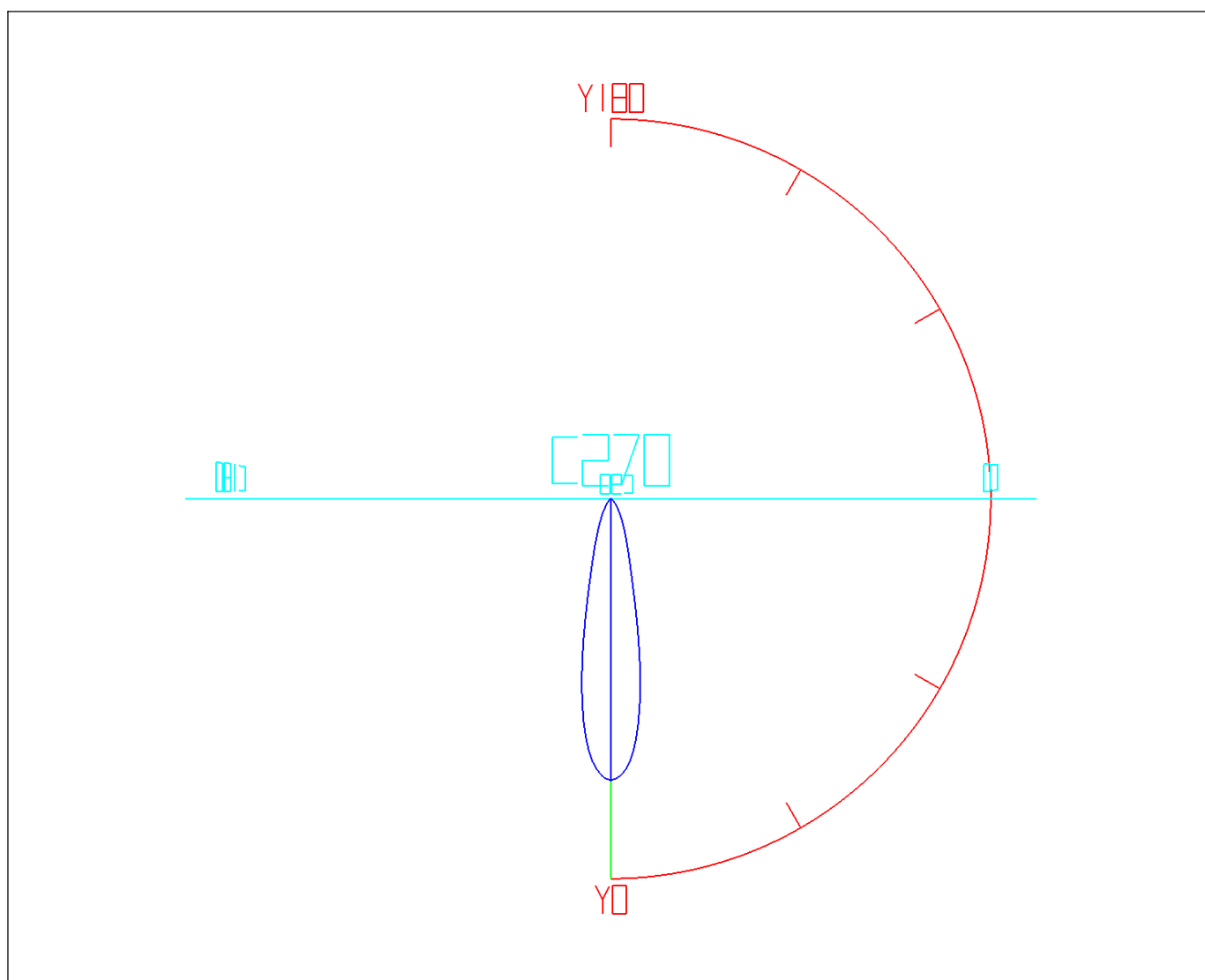
IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 24D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-06-XX-03 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: 2019/12/11

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

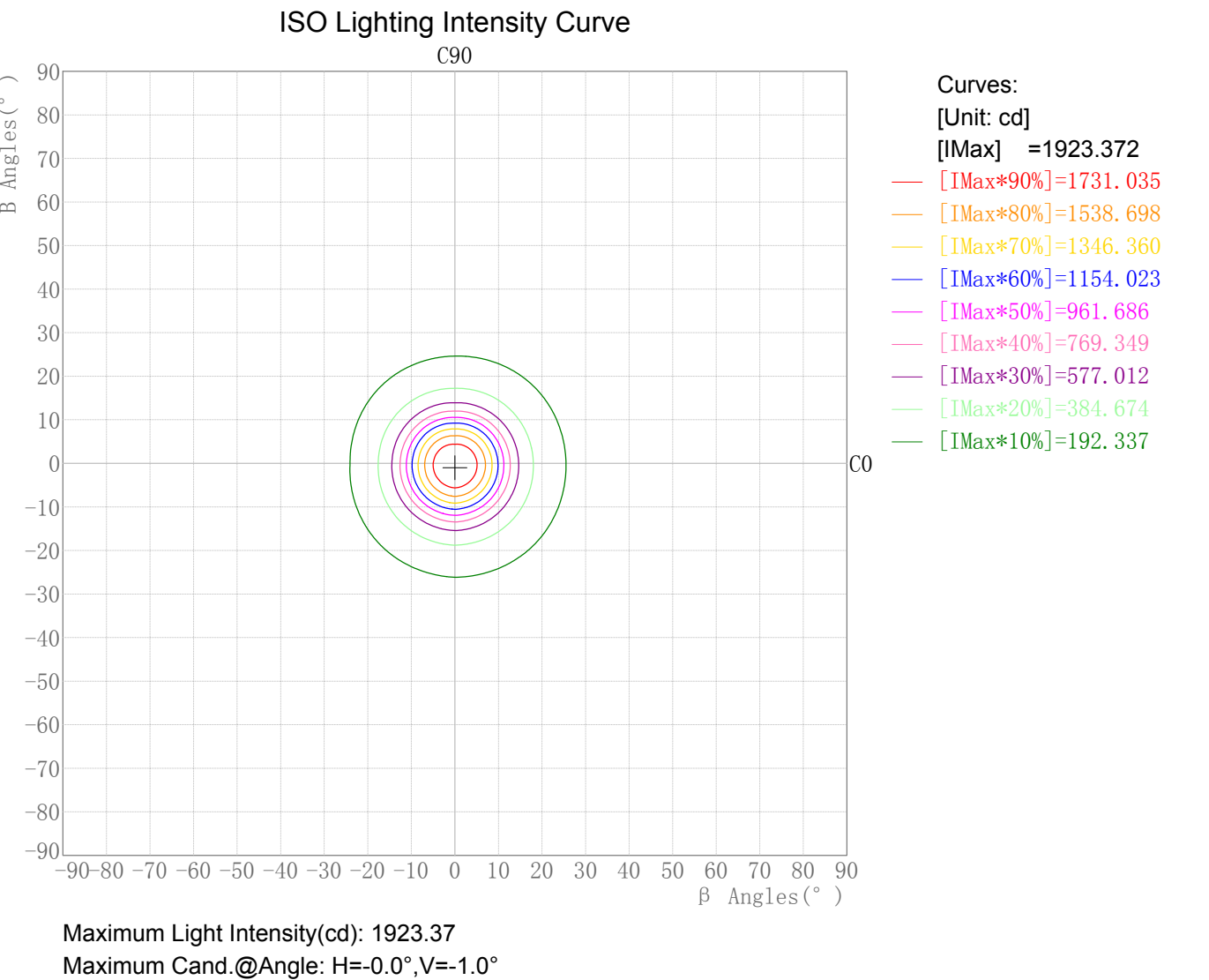
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.84	1.84	0.37	0.37	47.0-48.0	1.80	462.64	0.36	93.85
1.0-2.0	5.46	7.30	1.11	1.48	48.0-49.0	1.68	464.32	0.34	94.19
2.0-3.0	8.96	16.26	1.82	3.30	49.0-50.0	1.58	465.90	0.32	94.51
3.0-4.0	12.25	28.51	2.48	5.78	50.0-51.0	1.48	467.38	0.30	94.81
4.0-5.0	15.22	43.73	3.09	8.87	51.0-52.0	1.39	468.76	0.28	95.09
5.0-6.0	17.74	61.46	3.60	12.47	52.0-53.0	1.30	470.07	0.26	95.36
6.0-7.0	19.72	81.18	4.00	16.47	53.0-54.0	1.23	471.29	0.25	95.61
7.0-8.0	21.09	102.27	4.28	20.75	54.0-55.0	1.15	472.45	0.23	95.84
8.0-9.0	21.79	124.06	4.42	25.17	55.0-56.0	1.09	473.53	0.22	96.06
9.0-10.0	21.83	145.89	4.43	29.59	56.0-57.0	1.02	474.56	0.21	96.27
10.0-11.0	21.23	167.12	4.31	33.90	57.0-58.0	0.97	475.52	0.20	96.46
11.0-12.0	20.16	187.28	4.09	37.99	58.0-59.0	0.91	476.43	0.18	96.65
12.0-13.0	18.83	206.11	3.82	41.81	59.0-60.0	0.86	477.29	0.17	96.82
13.0-14.0	17.45	223.55	3.54	45.35	60.0-61.0	0.81	478.10	0.16	96.99
14.0-15.0	16.16	239.72	3.28	48.63	61.0-62.0	0.76	478.86	0.15	97.14
15.0-16.0	15.05	254.77	3.05	51.68	62.0-63.0	0.72	479.58	0.15	97.29
16.0-17.0	14.11	268.88	2.86	54.54	63.0-64.0	0.68	480.27	0.14	97.43
17.0-18.0	13.31	282.18	2.70	57.24	64.0-65.0	0.65	480.91	0.13	97.56
18.0-19.0	12.61	294.79	2.56	59.80	65.0-66.0	0.61	481.53	0.12	97.68
19.0-20.0	11.98	306.77	2.43	62.23	66.0-67.0	0.58	482.11	0.12	97.80
20.0-21.0	11.39	318.16	2.31	64.54	67.0-68.0	0.55	482.66	0.11	97.91
21.0-22.0	10.82	328.98	2.19	66.74	68.0-69.0	0.52	483.19	0.11	98.02
22.0-23.0	10.27	339.25	2.08	68.82	69.0-70.0	0.49	483.68	0.10	98.12
23.0-24.0	9.75	349.00	1.98	70.80	70.0-71.0	0.47	484.14	0.09	98.21
24.0-25.0	9.24	358.24	1.88	72.67	71.0-72.0	0.44	484.58	0.09	98.30
25.0-26.0	8.75	366.99	1.78	74.45	72.0-73.0	0.41	485.00	0.08	98.39
26.0-27.0	8.26	375.26	1.68	76.12	73.0-74.0	0.39	485.38	0.08	98.47
27.0-28.0	7.78	383.04	1.58	77.70	74.0-75.0	0.36	485.74	0.07	98.54
28.0-29.0	7.31	390.35	1.48	79.19	75.0-76.0	0.34	486.08	0.07	98.61
29.0-30.0	6.84	397.19	1.39	80.57	76.0-77.0	0.31	486.39	0.06	98.67
30.0-31.0	6.39	403.57	1.30	81.87	77.0-78.0	0.29	486.68	0.06	98.73
31.0-32.0	5.94	409.51	1.21	83.07	78.0-79.0	0.27	486.95	0.05	98.78
32.0-33.0	5.52	415.04	1.12	84.19	79.0-80.0	0.24	487.19	0.05	98.83
33.0-34.0	5.12	420.16	1.04	85.23	80.0-81.0	0.22	487.41	0.04	98.88
34.0-35.0	4.74	424.90	0.96	86.20	81.0-82.0	0.20	487.61	0.04	98.92
35.0-36.0	4.39	429.30	0.89	87.09	82.0-83.0	0.17	487.78	0.03	98.95
36.0-37.0	4.07	433.37	0.83	87.91	83.0-84.0	0.15	487.93	0.03	98.98
37.0-38.0	3.77	437.14	0.77	88.68	84.0-85.0	0.13	488.07	0.03	99.01
38.0-39.0	3.49	440.63	0.71	89.39	85.0-86.0	0.11	488.18	0.02	99.03
39.0-40.0	3.24	443.87	0.66	90.04	86.0-87.0	0.10	488.28	0.02	99.05
40.0-41.0	3.00	446.87	0.61	90.65	87.0-88.0	0.09	488.36	0.02	99.07
41.0-42.0	2.78	449.65	0.56	91.22	88.0-89.0	0.08	488.44	0.02	99.09
42.0-43.0	2.58	452.23	0.52	91.74	89.0-90.0	0.07	488.51	0.01	99.10
43.0-44.0	2.39	454.63	0.49	92.23	90.0-91.0	0.07	488.58	0.01	99.11
44.0-45.0	2.22	456.85	0.45	92.68	91.0-92.0	0.06	488.64	0.01	99.13
45.0-46.0	2.07	458.92	0.42	93.10	92.0-93.0	0.06	488.70	0.01	99.14
46.0-47.0	1.93	460.84	0.39	93.49	93.0-94.0	0.05	488.75	0.01	99.15

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	0.05	488.79	0.01	99.16	141.0-142.0	0.09	490.04	0.02	99.41
95.0-96.0	0.04	488.83	0.01	99.16	142.0-143.0	0.09	490.13	0.02	99.43
96.0-97.0	0.04	488.87	0.01	99.17	143.0-144.0	0.10	490.23	0.02	99.45
97.0-98.0	0.03	488.90	0.01	99.18	144.0-145.0	0.10	490.33	0.02	99.47
98.0-99.0	0.03	488.93	0.01	99.19	145.0-146.0	0.10	490.43	0.02	99.49
99.0-100.0	0.03	488.96	0.01	99.19	146.0-147.0	0.11	490.54	0.02	99.51
100.0-101.0	0.02	488.99	0.00	99.20	147.0-148.0	0.11	490.65	0.02	99.53
101.0-102.0	0.02	489.01	0.00	99.20	148.0-149.0	0.11	490.76	0.02	99.56
102.0-103.0	0.02	489.03	0.00	99.20	149.0-150.0	0.11	490.87	0.02	99.58
103.0-104.0	0.02	489.05	0.00	99.21	150.0-151.0	0.11	490.98	0.02	99.60
104.0-105.0	0.02	489.07	0.00	99.21	151.0-152.0	0.11	491.10	0.02	99.62
105.0-106.0	0.02	489.08	0.00	99.22	152.0-153.0	0.11	491.21	0.02	99.65
106.0-107.0	0.02	489.10	0.00	99.22	153.0-154.0	0.11	491.32	0.02	99.67
107.0-108.0	0.01	489.11	0.00	99.22	154.0-155.0	0.11	491.43	0.02	99.69
108.0-109.0	0.01	489.13	0.00	99.22	155.0-156.0	0.11	491.54	0.02	99.71
109.0-110.0	0.01	489.14	0.00	99.23	156.0-157.0	0.11	491.65	0.02	99.74
110.0-111.0	0.01	489.15	0.00	99.23	157.0-158.0	0.10	491.75	0.02	99.76
111.0-112.0	0.01	489.16	0.00	99.23	158.0-159.0	0.10	491.85	0.02	99.78
112.0-113.0	0.01	489.18	0.00	99.23	159.0-160.0	0.10	491.95	0.02	99.80
113.0-114.0	0.01	489.19	0.00	99.24	160.0-161.0	0.09	492.04	0.02	99.82
114.0-115.0	0.01	489.19	0.00	99.24	161.0-162.0	0.09	492.13	0.02	99.83
115.0-116.0	0.01	489.20	0.00	99.24	162.0-163.0	0.09	492.22	0.02	99.85
116.0-117.0	0.01	489.21	0.00	99.24	163.0-164.0	0.08	492.30	0.02	99.87
117.0-118.0	0.01	489.22	0.00	99.24	164.0-165.0	0.08	492.38	0.02	99.88
118.0-119.0	0.01	489.23	0.00	99.25	165.0-166.0	0.07	492.45	0.01	99.90
119.0-120.0	0.01	489.24	0.00	99.25	166.0-167.0	0.07	492.52	0.01	99.91
120.0-121.0	0.01	489.24	0.00	99.25	167.0-168.0	0.06	492.58	0.01	99.93
121.0-122.0	0.01	489.25	0.00	99.25	168.0-169.0	0.06	492.64	0.01	99.94
122.0-123.0	0.01	489.26	0.00	99.25	169.0-170.0	0.05	492.69	0.01	99.95
123.0-124.0	0.01	489.28	0.00	99.25	170.0-171.0	0.05	492.74	0.01	99.96
124.0-125.0	0.01	489.29	0.00	99.26	171.0-172.0	0.04	492.79	0.01	99.97
125.0-126.0	0.01	489.30	0.00	99.26	172.0-173.0	0.04	492.82	0.01	99.97
126.0-127.0	0.02	489.32	0.00	99.26	173.0-174.0	0.03	492.86	0.01	99.98
127.0-128.0	0.02	489.33	0.00	99.27	174.0-175.0	0.03	492.88	0.01	99.99
128.0-129.0	0.02	489.36	0.00	99.27	175.0-176.0	0.02	492.91	0.00	99.99
129.0-130.0	0.02	489.38	0.00	99.28	176.0-177.0	0.02	492.92	0.00	99.99
130.0-131.0	0.03	489.41	0.01	99.28	177.0-178.0	0.01	492.94	0.00	100.00
131.0-132.0	0.03	489.44	0.01	99.29	178.0-179.0	0.01	492.94	0.00	100.00
132.0-133.0	0.04	489.48	0.01	99.30	179.0-180.0	0.00	492.95	0.00	100.00
133.0-134.0	0.04	489.52	0.01	99.30					
134.0-135.0	0.05	489.56	0.01	99.31					
135.0-136.0	0.05	489.62	0.01	99.32					
136.0-137.0	0.06	489.67	0.01	99.34					
137.0-138.0	0.06	489.74	0.01	99.35					
138.0-139.0	0.07	489.81	0.01	99.36					
139.0-140.0	0.07	489.88	0.02	99.38					
140.0-141.0	0.08	489.96	0.02	99.39					

Rectangle ISO Lighting Intensity Diagram

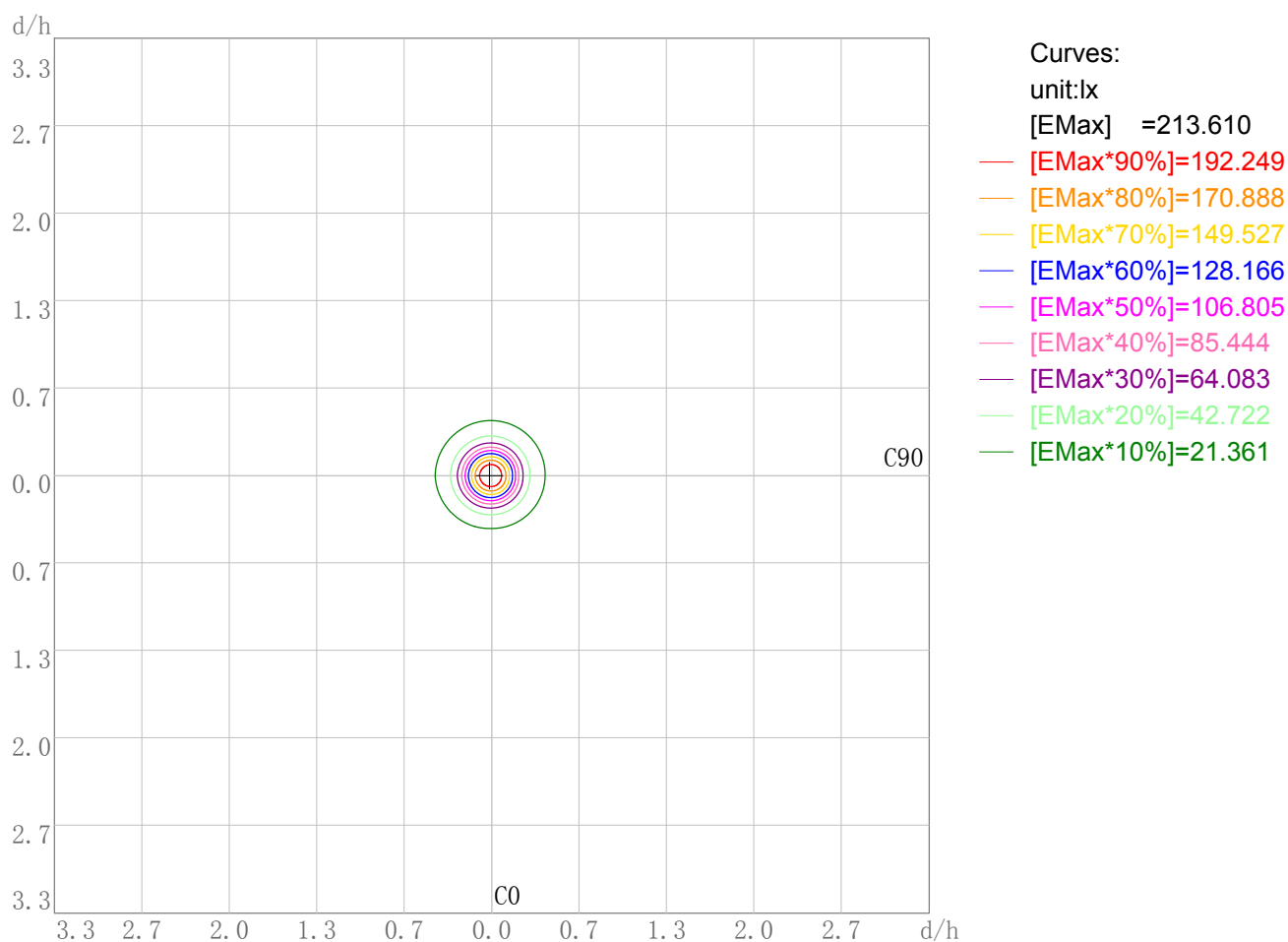
Lum. Name: MD10-06-XX-03 2700K RA90 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/11



Plane ISO-Illuminance Diagram

Lum. Name: MD10-06-XX-03 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: 2019/12/11

Plane ISO-Illuminance Curve



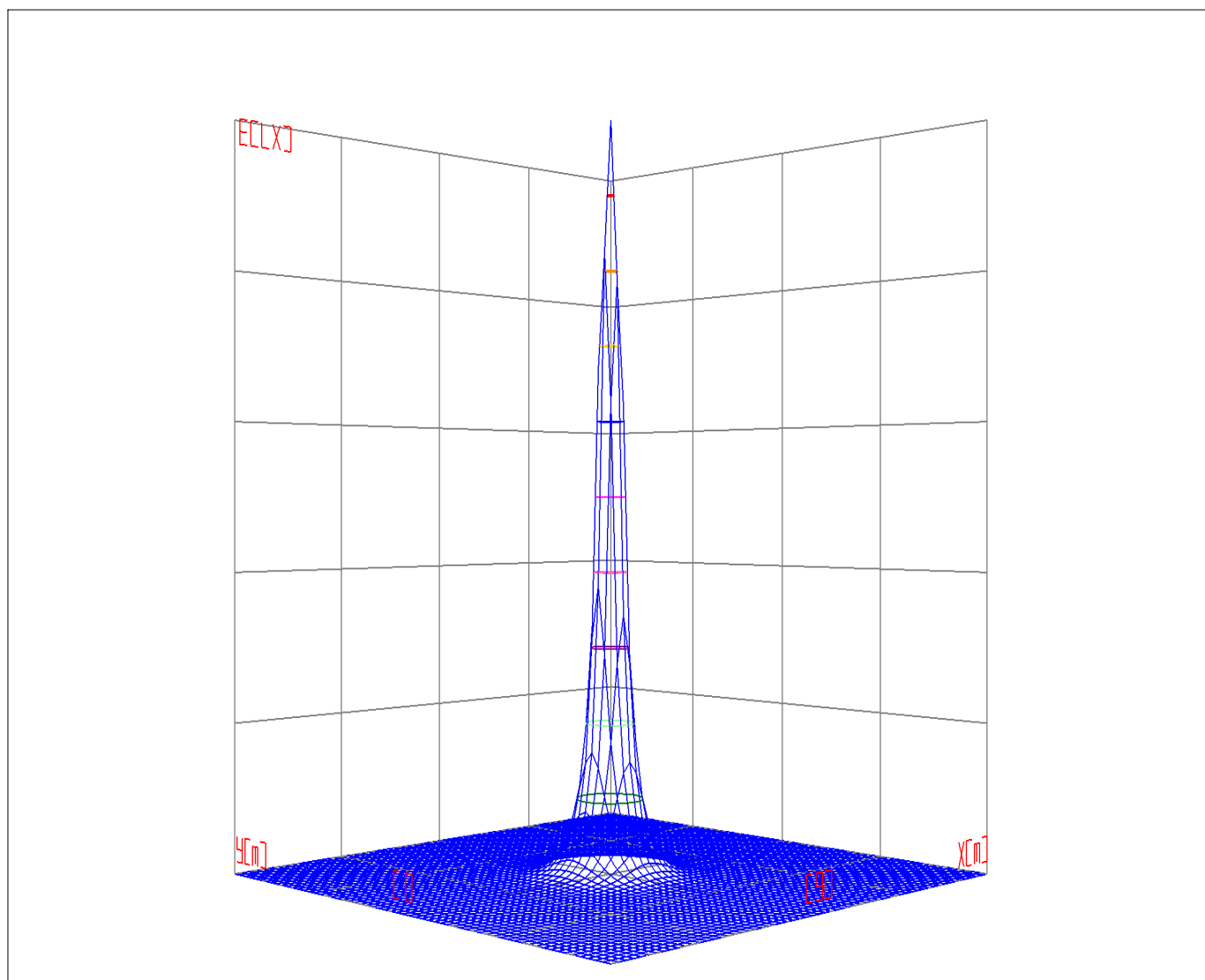
IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 24D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-06-XX-03 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: 2019/12/11

3D Plane Illuminance Modal

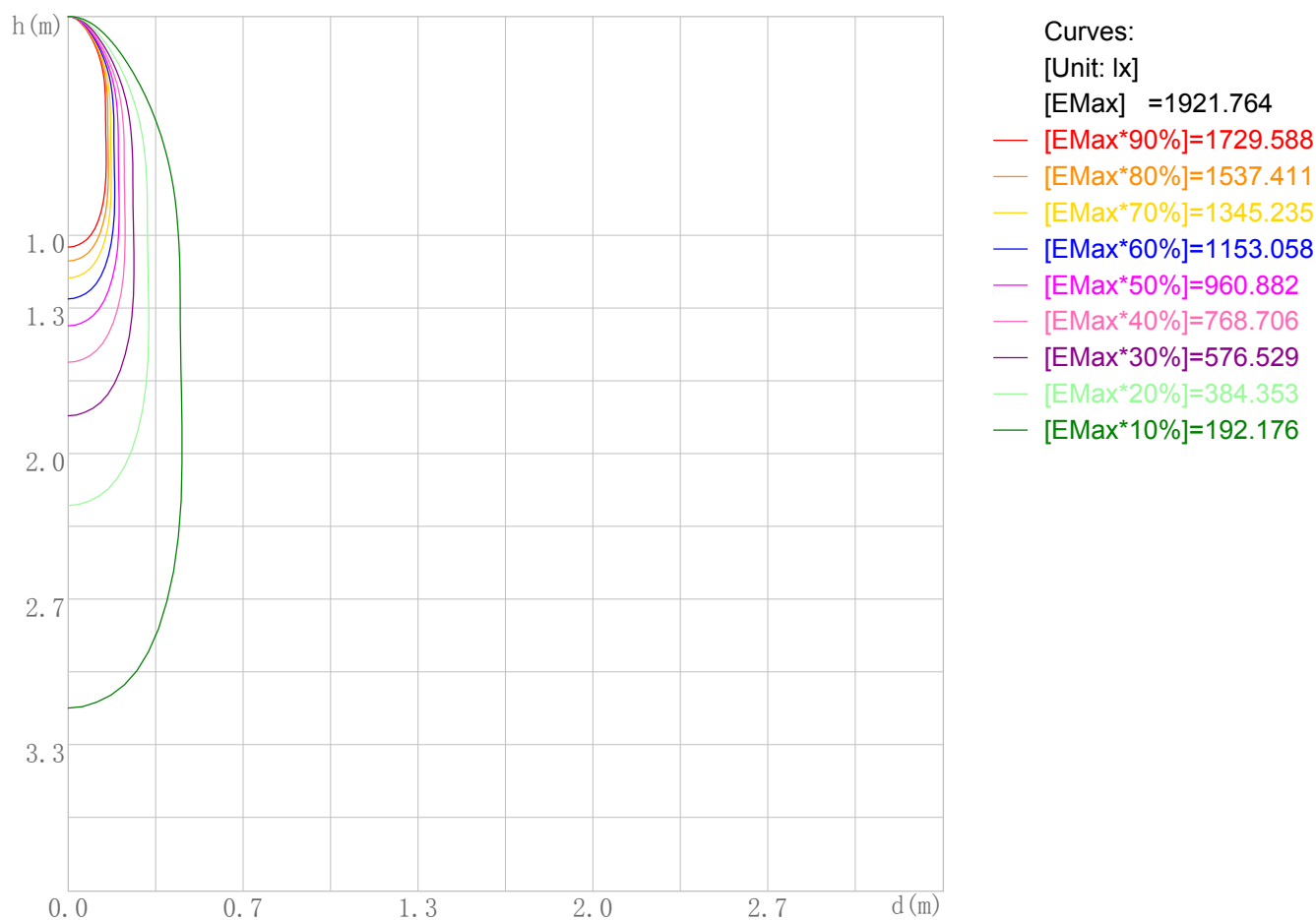


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-06-XX-03 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: 2019/12/11

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1921.76lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:1921.764cd,0deg

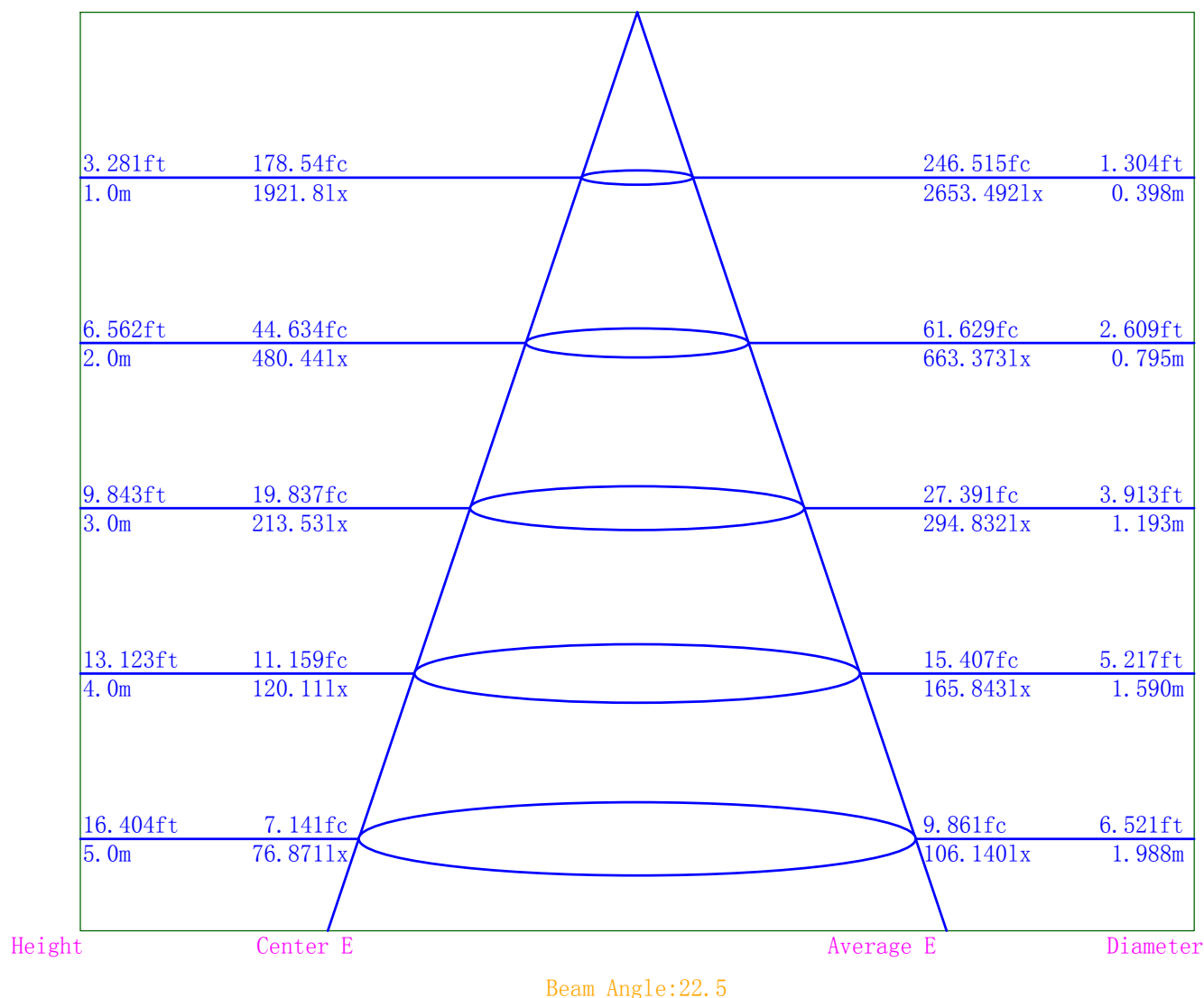
IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 24D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-06-XX-03 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: 2019/12/11

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 24D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-06-XX-03 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: 2019/12/11

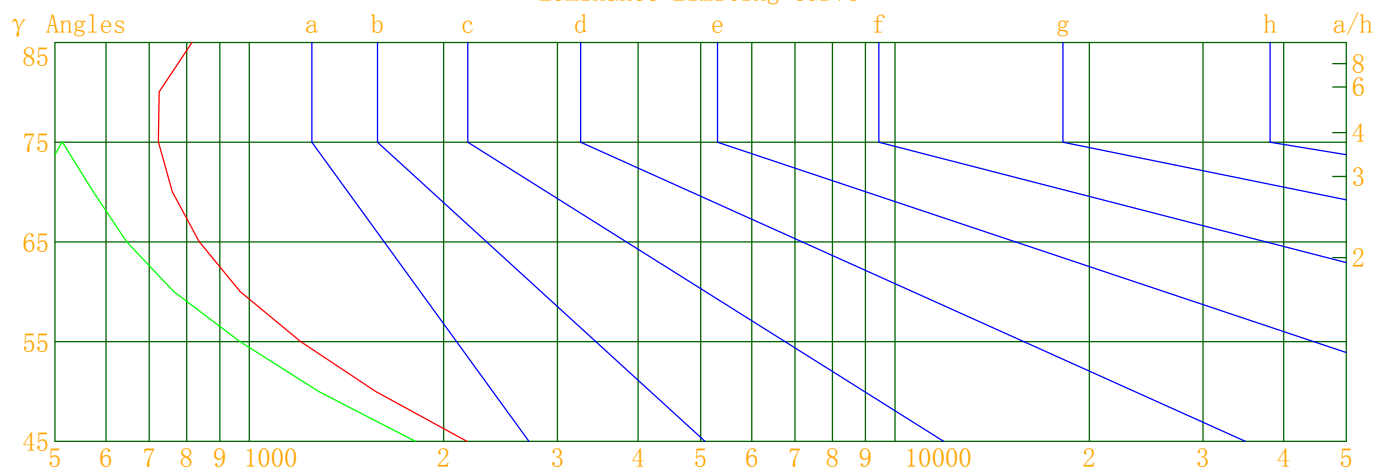
Glare Grade Table

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	2174	1569	1200	968	836	760	723	725	815
C90	1809	1280	967	764	645	573	513	466	375

Luminance Limiting Curve



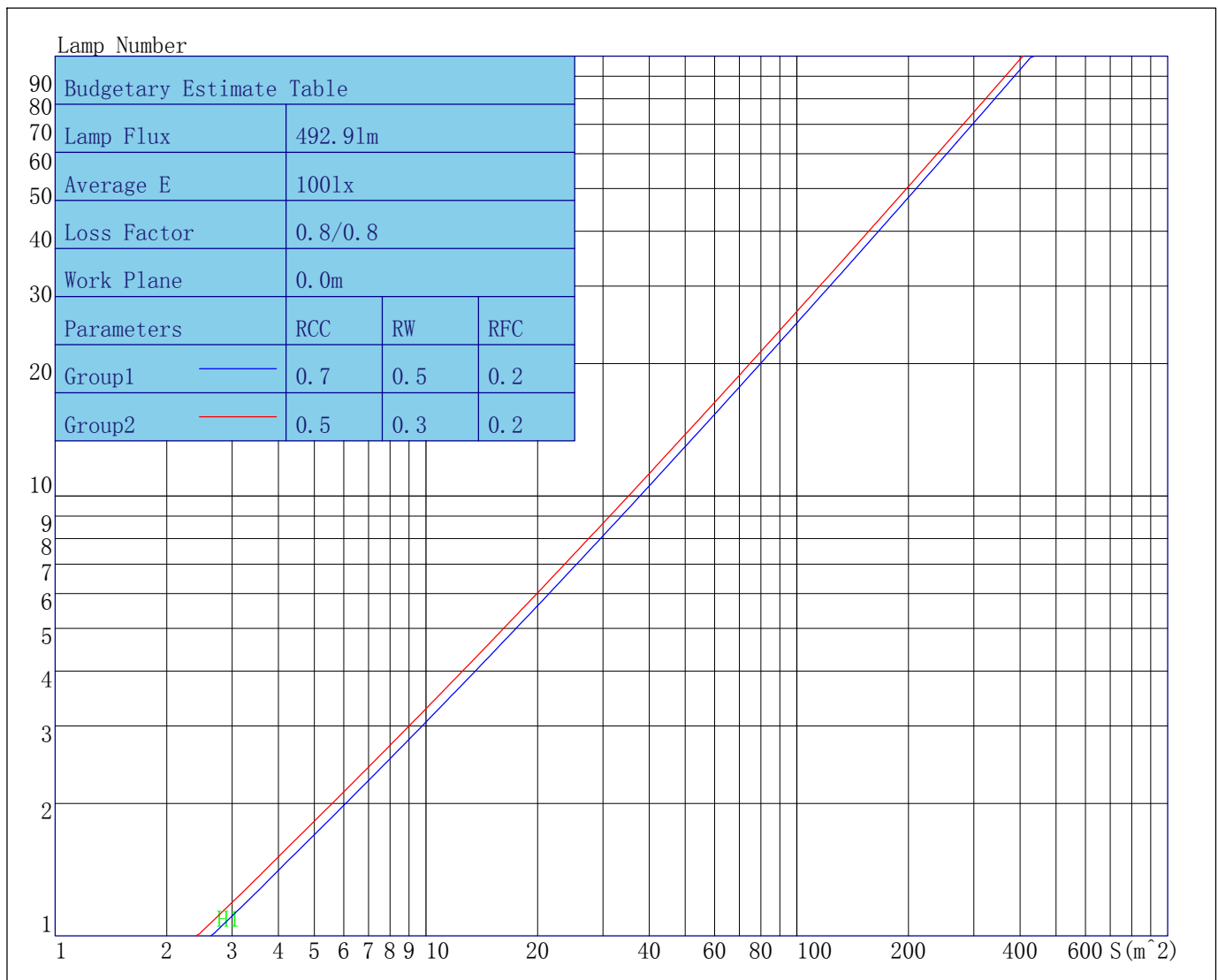
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.350 Area(m²)=0.020000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 24D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-06-XX-03 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: 2019/12/11



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:MD10-06-XX-03 2700K RA90 24D.IES

Indoor Coefficient of Utilization Table

Lum. Name: MD10-06-XX-03 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: 2019/12/11

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	101	101	101	99
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	97	96	96	94
2	109	105	101	98	107	103	100	97	99	97	95	96	94	92	94	92	90	89
3	104	99	94	91	102	97	93	90	95	91	89	92	89	87	90	88	86	84
4	100	94	89	85	99	93	88	85	90	87	84	88	85	83	86	84	82	80
5	96	89	84	81	95	88	84	80	87	83	79	85	81	79	83	80	78	77
6	93	85	80	77	91	85	80	76	83	79	76	82	78	75	80	77	75	73
7	90	82	77	73	88	81	76	73	80	76	73	79	75	72	78	74	72	70
8	86	79	74	70	85	78	73	70	77	73	70	76	72	69	75	72	69	68
9	84	76	71	67	83	75	71	67	74	70	67	73	70	67	73	69	67	65
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	70	67	64	63

IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 24D.IES

Unified Glare Rating Table

Lum. Name: MD10-06-XX-03 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: 2019/12/11

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	9.4	10.4	9.8	10.7	11.1	8.4	9.4	8.8	9.7	10.1
	9.8	10.7	10.2	11.0	11.4	8.7	9.6	9.1	9.9	10.3
	10.0	10.8	10.4	11.2	11.6	8.8	9.6	9.2	10.0	10.4
	10.1	10.9	10.6	11.3	11.7	8.9	9.7	9.3	10.1	10.5
	10.2	11.0	10.7	11.4	11.8	8.9	9.6	9.3	10.0	10.5
	10.3	11.0	10.7	11.4	11.8	8.9	9.6	9.3	10.0	10.4
X=4H Y=2H	9.4	10.3	9.8	10.6	11.0	8.4	9.3	8.8	9.6	10.1
	9.9	10.7	10.4	11.1	11.5	8.9	9.6	9.3	10.0	10.4
	10.2	10.9	10.7	11.3	11.8	9.1	9.7	9.5	10.1	10.6
	10.6	11.1	11.0	11.6	12.1	9.2	9.8	9.7	10.3	10.8
	10.7	11.2	11.2	11.7	12.2	9.3	9.8	9.8	10.3	10.8
	10.8	11.2	11.3	11.7	12.2	9.3	9.7	9.8	10.3	10.7
X=8H Y=4H	10.3	10.8	10.8	11.3	11.8	9.1	9.6	9.6	10.1	10.6
	10.7	11.1	11.2	11.6	12.2	9.4	9.8	9.9	10.3	10.9
	10.9	11.3	11.4	11.8	12.3	9.5	9.8	10.0	10.4	10.9
	11.1	11.4	11.6	12.0	12.6	9.5	9.9	10.1	10.4	11.0
X=12H Y=4H	10.2	10.7	10.8	11.2	11.7	9.1	9.5	9.6	10.0	10.5
	10.7	11.1	11.2	11.6	12.1	9.4	9.7	9.9	10.2	10.8
	10.9	11.3	11.5	11.8	12.4	9.5	9.8	10.0	10.3	10.9
Variations with the objerver position at spacings										
S=1.0H	0.3/-0.4					0.5/-0.6				
S=1.5H	0.7/-0.7					0.9/-1.0				
S=2.0H	0.9/-1.0					1.2/-1.4				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.5					1.2				

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	1921.76	1921.76	1921.76	1921.76
γ 1.0	1914.74	1905.24	1915.09	1923.37
γ 2.0	1892.60	1875.19	1890.45	1909.00
γ 3.0	1858.70	1828.24	1850.26	1885.80
γ 4.0	1808.83	1763.38	1800.09	1842.83
γ 5.0	1739.92	1680.34	1729.31	1782.51
γ 6.0	1649.17	1576.06	1639.65	1702.69
γ 7.0	1540.75	1461.42	1531.16	1605.95
γ 8.0	1415.78	1332.34	1406.04	1491.80
γ 9.0	1283.61	1189.11	1271.49	1365.95
γ 10.0	1139.52	1039.89	1126.29	1231.15
γ 11.0	994.51	896.01	980.21	1091.34
γ 12.0	854.12	766.35	841.45	953.49
γ 13.0	732.11	658.30	718.38	822.54
γ 14.0	629.82	568.77	615.01	707.15
γ 15.0	547.26	497.36	532.67	611.58
γ 16.0	481.44	439.97	466.18	532.65
γ 17.0	428.45	393.11	412.27	469.59
γ 18.0	384.82	354.56	366.62	418.55
γ 19.0	348.24	322.46	328.01	375.91
γ 20.0	316.86	293.17	293.96	339.33
γ 21.0	288.85	267.33	264.44	308.12
γ 22.0	263.04	243.71	237.78	280.43
γ 23.0	240.27	222.63	214.46	255.86
γ 24.0	219.55	203.20	193.62	233.91
γ 25.0	201.03	185.78	175.12	213.80
γ 26.0	184.17	169.31	158.32	195.19
γ 27.0	168.57	154.31	143.09	178.00
γ 28.0	154.13	140.15	129.63	161.86
γ 29.0	140.68	127.21	116.50	147.15
γ 30.0	128.26	115.08	105.01	133.40
γ 31.0	116.71	104.02	94.66	120.67
γ 32.0	106.10	93.80	84.99	108.86
γ 33.0	96.43	84.81	76.49	98.18
γ 34.0	87.36	76.49	68.85	88.40
γ 35.0	79.35	69.07	61.83	79.75
γ 36.0	71.89	62.34	55.76	72.05
γ 37.0	65.41	56.41	50.35	65.18
γ 38.0	59.32	50.94	45.53	58.87
γ 39.0	53.97	46.09	41.20	53.41
γ 40.0	49.02	41.63	37.47	48.49
γ 41.0	44.64	37.75	34.02	44.09
γ 42.0	40.55	34.15	31.03	40.03
γ 43.0	36.93	30.98	28.38	36.49
γ 44.0	33.63	28.14	25.95	33.15
γ 45.0	30.74	25.58	23.81	30.30
γ 46.0	28.12	23.30	21.91	27.72

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	25.84	21.30	20.19	25.39
γ 48.0	23.73	19.51	18.64	23.35
γ 49.0	21.88	17.91	17.27	21.55
γ 50.0	20.17	16.45	16.01	19.90
γ 51.0	18.66	15.17	14.84	18.47
γ 52.0	17.24	14.01	13.80	17.18
γ 53.0	15.97	12.94	12.85	15.97
γ 54.0	14.81	11.96	11.97	14.80
γ 55.0	13.77	11.09	11.13	13.80
γ 56.0	12.78	10.29	10.39	12.86
γ 57.0	11.92	9.57	9.70	12.01
γ 58.0	11.11	8.86	9.12	11.22
γ 59.0	10.36	8.23	8.51	10.46
γ 60.0	9.68	7.64	7.94	9.76
γ 61.0	9.08	7.12	7.41	9.13
γ 62.0	8.52	6.63	6.92	8.55
γ 63.0	8.00	6.21	6.47	8.04
γ 64.0	7.51	5.82	6.09	7.57
γ 65.0	7.07	5.45	5.72	7.13
γ 66.0	6.65	5.11	5.36	6.74
γ 67.0	6.26	4.79	5.04	6.37
γ 68.0	5.90	4.49	4.73	6.02
γ 69.0	5.54	4.19	4.43	5.69
γ 70.0	5.20	3.92	4.14	5.36
γ 71.0	4.88	3.63	3.86	5.07
γ 72.0	4.59	3.38	3.60	4.76
γ 73.0	4.29	3.14	3.34	4.47
γ 74.0	4.01	2.90	3.09	4.18
γ 75.0	3.74	2.66	2.86	3.92
γ 76.0	3.48	2.44	2.63	3.65
γ 77.0	3.23	2.22	2.42	3.40
γ 78.0	2.99	2.02	2.21	3.15
γ 79.0	2.74	1.81	2.00	2.92
γ 80.0	2.52	1.62	1.79	2.67
γ 81.0	2.29	1.39	1.59	2.45
γ 82.0	2.02	1.16	1.38	2.21
γ 83.0	1.81	0.99	1.15	1.96
γ 84.0	1.61	0.79	0.99	1.76
γ 85.0	1.42	0.65	0.82	1.55
γ 86.0	1.27	0.54	0.68	1.38
γ 87.0	1.14	0.42	0.55	1.23
γ 88.0	1.05	0.36	0.45	1.12
γ 89.0	0.99	0.32	0.39	1.02
γ 90.0	0.92	0.28	0.35	0.95
γ 91.0	0.88	0.24	0.29	0.89
γ 92.0	0.83	0.20	0.26	0.83
γ 93.0	0.77	0.17	0.22	0.77

IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 24D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.74	0.14	0.17	0.72
γ 95.0	0.69	0.11	0.14	0.66
γ 96.0	0.64	0.08	0.11	0.61
γ 97.0	0.61	0.06	0.08	0.57
γ 98.0	0.57	0.04	0.04	0.51
γ 99.0	0.53	0.01	0.02	0.48
γ 100.0	0.50	0.00	0.00	0.43
γ 101.0	0.47	0.00	0.00	0.41
γ 102.0	0.44	0.00	0.00	0.37
γ 103.0	0.41	0.00	0.00	0.34
γ 104.0	0.39	0.00	0.00	0.31
γ 105.0	0.37	0.00	0.00	0.30
γ 106.0	0.35	0.00	0.00	0.28
γ 107.0	0.32	0.00	0.00	0.26
γ 108.0	0.31	0.00	0.00	0.24
γ 109.0	0.28	0.00	0.00	0.23
γ 110.0	0.26	0.00	0.00	0.22
γ 111.0	0.25	0.00	0.00	0.22
γ 112.0	0.22	0.00	0.00	0.20
γ 113.0	0.21	0.00	0.00	0.20
γ 114.0	0.19	0.00	0.00	0.20
γ 115.0	0.17	0.00	0.00	0.19
γ 116.0	0.16	0.00	0.00	0.19
γ 117.0	0.14	0.00	0.00	0.20
γ 118.0	0.13	0.00	0.00	0.21
γ 119.0	0.12	0.00	0.00	0.21
γ 120.0	0.11	0.00	0.00	0.22
γ 121.0	0.10	0.00	0.03	0.23
γ 122.0	0.11	0.00	0.05	0.25
γ 123.0	0.12	0.00	0.08	0.26
γ 124.0	0.13	0.00	0.10	0.28
γ 125.0	0.14	0.00	0.14	0.29
γ 126.0	0.17	0.00	0.17	0.32
γ 127.0	0.19	0.00	0.21	0.34
γ 128.0	0.22	0.04	0.26	0.38
γ 129.0	0.26	0.07	0.30	0.42
γ 130.0	0.30	0.13	0.35	0.45
γ 131.0	0.35	0.19	0.41	0.50
γ 132.0	0.40	0.25	0.47	0.56
γ 133.0	0.46	0.34	0.55	0.62
γ 134.0	0.52	0.40	0.62	0.68
γ 135.0	0.59	0.47	0.71	0.75
γ 136.0	0.67	0.57	0.80	0.83
γ 137.0	0.75	0.65	0.89	0.92
γ 138.0	0.84	0.75	0.99	1.01
γ 139.0	0.93	0.84	1.10	1.11
γ 140.0	1.03	0.95	1.19	1.19

IES Indoor Report

Photometric Filename:MD10-06-XX-03 2700K RA90 24D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.13	1.04	1.31	1.30
γ 142.0	1.23	1.14	1.41	1.40
γ 143.0	1.33	1.26	1.52	1.50
γ 144.0	1.44	1.35	1.63	1.62
γ 145.0	1.54	1.46	1.74	1.70
γ 146.0	1.63	1.57	1.84	1.81
γ 147.0	1.74	1.66	1.93	1.90
γ 148.0	1.84	1.75	2.02	1.98
γ 149.0	1.92	1.84	2.10	2.06
γ 150.0	2.01	1.91	2.18	2.13
γ 151.0	2.09	1.99	2.26	2.20
γ 152.0	2.16	2.05	2.32	2.27
γ 153.0	2.23	2.10	2.38	2.33
γ 154.0	2.29	2.15	2.42	2.38
γ 155.0	2.34	2.20	2.48	2.42
γ 156.0	2.40	2.25	2.52	2.46
γ 157.0	2.44	2.28	2.56	2.49
γ 158.0	2.48	2.32	2.59	2.53
γ 159.0	2.53	2.35	2.62	2.56
γ 160.0	2.57	2.38	2.65	2.58
γ 161.0	2.59	2.42	2.68	2.60
γ 162.0	2.62	2.44	2.70	2.63
γ 163.0	2.64	2.47	2.71	2.64
γ 164.0	2.67	2.50	2.73	2.65
γ 165.0	2.68	2.52	2.74	2.66
γ 166.0	2.70	2.54	2.76	2.67
γ 167.0	2.70	2.55	2.76	2.67
γ 168.0	2.71	2.57	2.76	2.68
γ 169.0	2.72	2.56	2.76	2.67
γ 170.0	2.71	2.57	2.76	2.67
γ 171.0	2.70	2.55	2.73	2.65
γ 172.0	2.69	2.55	2.72	2.64
γ 173.0	2.68	2.54	2.70	2.62
γ 174.0	2.67	2.54	2.68	2.61
γ 175.0	2.65	2.54	2.66	2.59
γ 176.0	2.66	2.53	2.66	2.59
γ 177.0	2.66	2.53	2.65	2.59
γ 178.0	2.66	2.54	2.64	2.59
γ 179.0	2.65	2.55	2.65	2.60
γ 180.0	2.63	2.63	2.63	2.63