

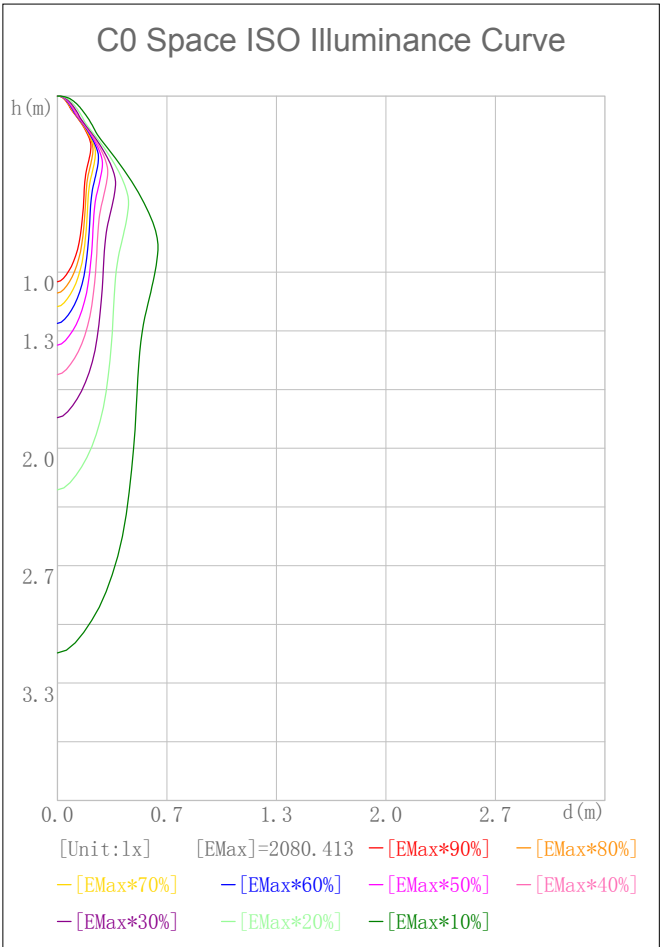
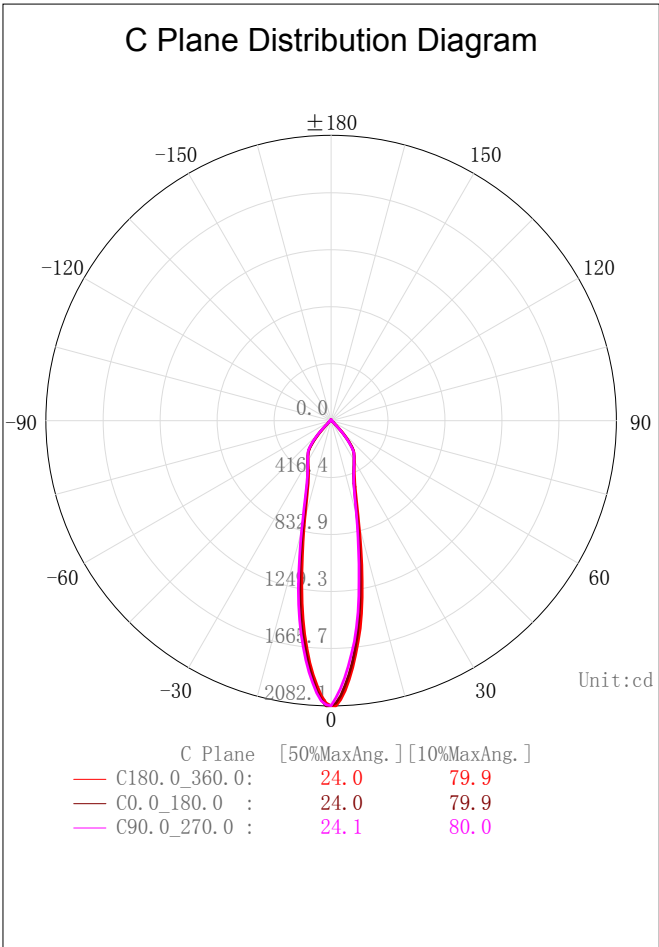
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-09-XX-02 4000K RA90 25D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/12/03
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*0.060m	Lum. Area (m2):0.005	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): 867.420	Luminary Flux(lm): 867.419	Field Angle(10%Imax): 79.9(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 848.815lm 97.86%
Rated Voltage(V):	Luminary EER(lm/W): 93.958	Up Lumens&Percent: 18.604lm 2.14%
Tested Power(W): 9.232	Max. Candela(cd): 2082.131	S/MH: C0_a180=0.404 C90_270=0.405
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):241.5, 0.041, 0.921	Beam Angle(50%Imax): 24.0(°)	ErP Φ use(90°): 785.112lm
Lamp Size(W*L*H):0.050m*0.050m*0.060m	Left=-11.7°, Right=12.4°	IRF(%): 533.841



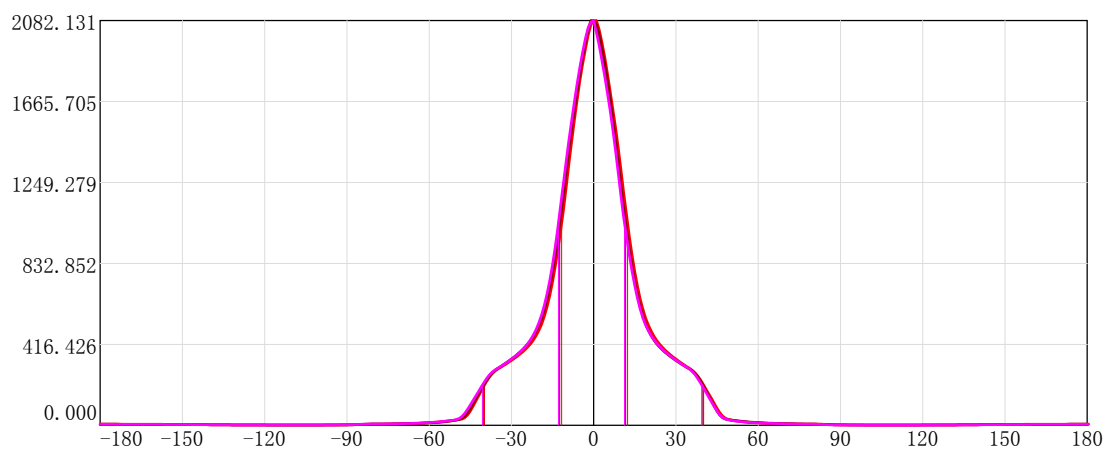
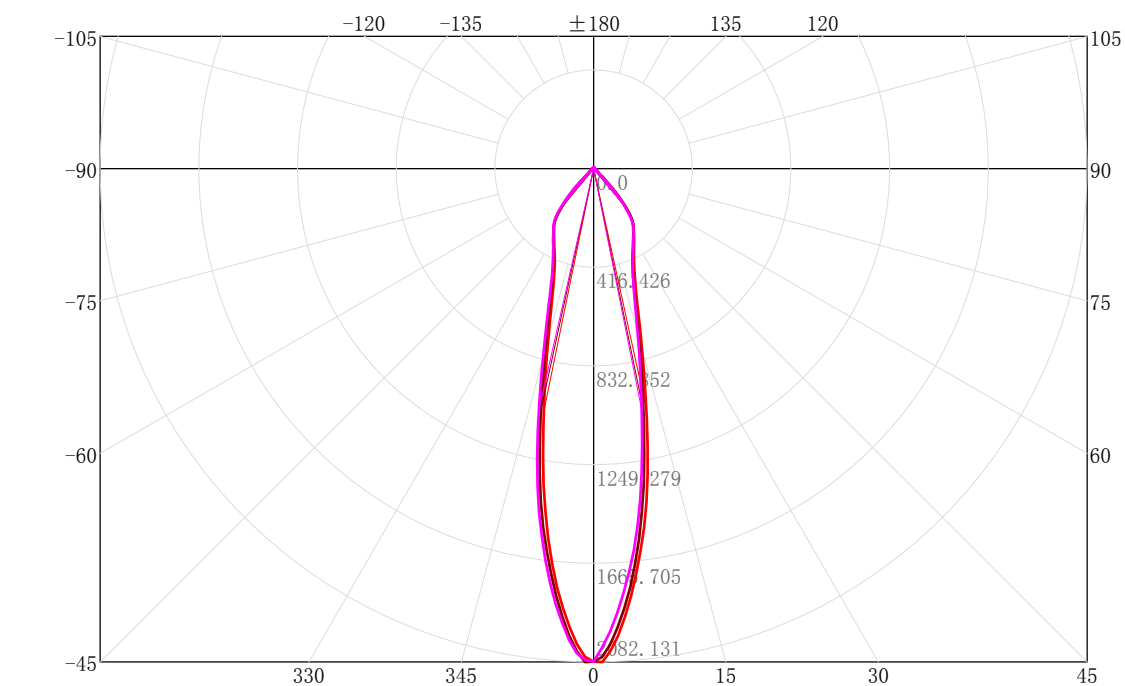
IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 25D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-09-XX-02 4000K RA90 25D	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: 2019/12/03

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
C180.0_360.0 :	24.0	79.9
C0.0_180.0 :	24.0	79.9
C90.0_270.0 :	24.1	80.0

Unit:cd

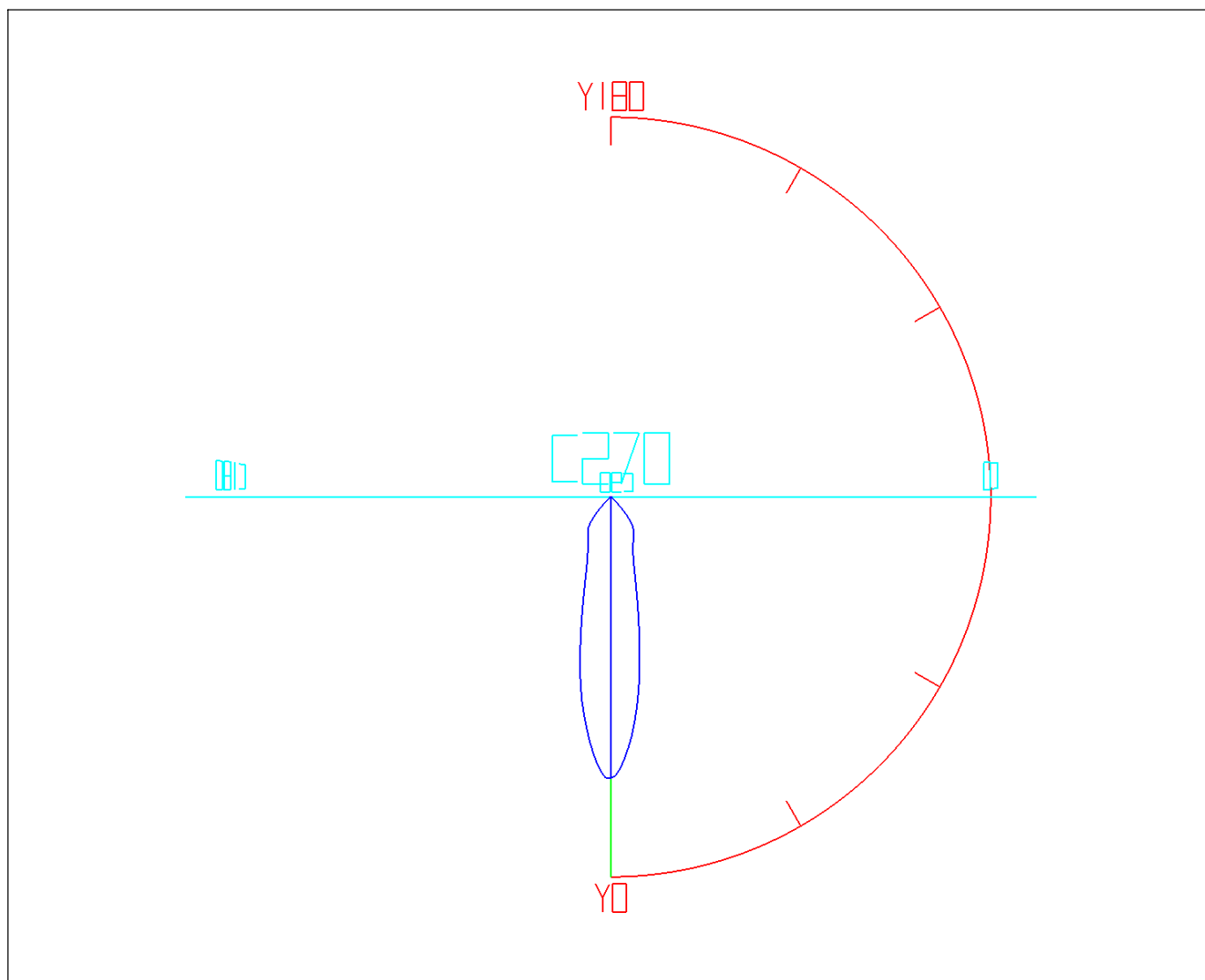
IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 25D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-09-XX-02 4000K RA90 25D	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: 2019/12/03

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

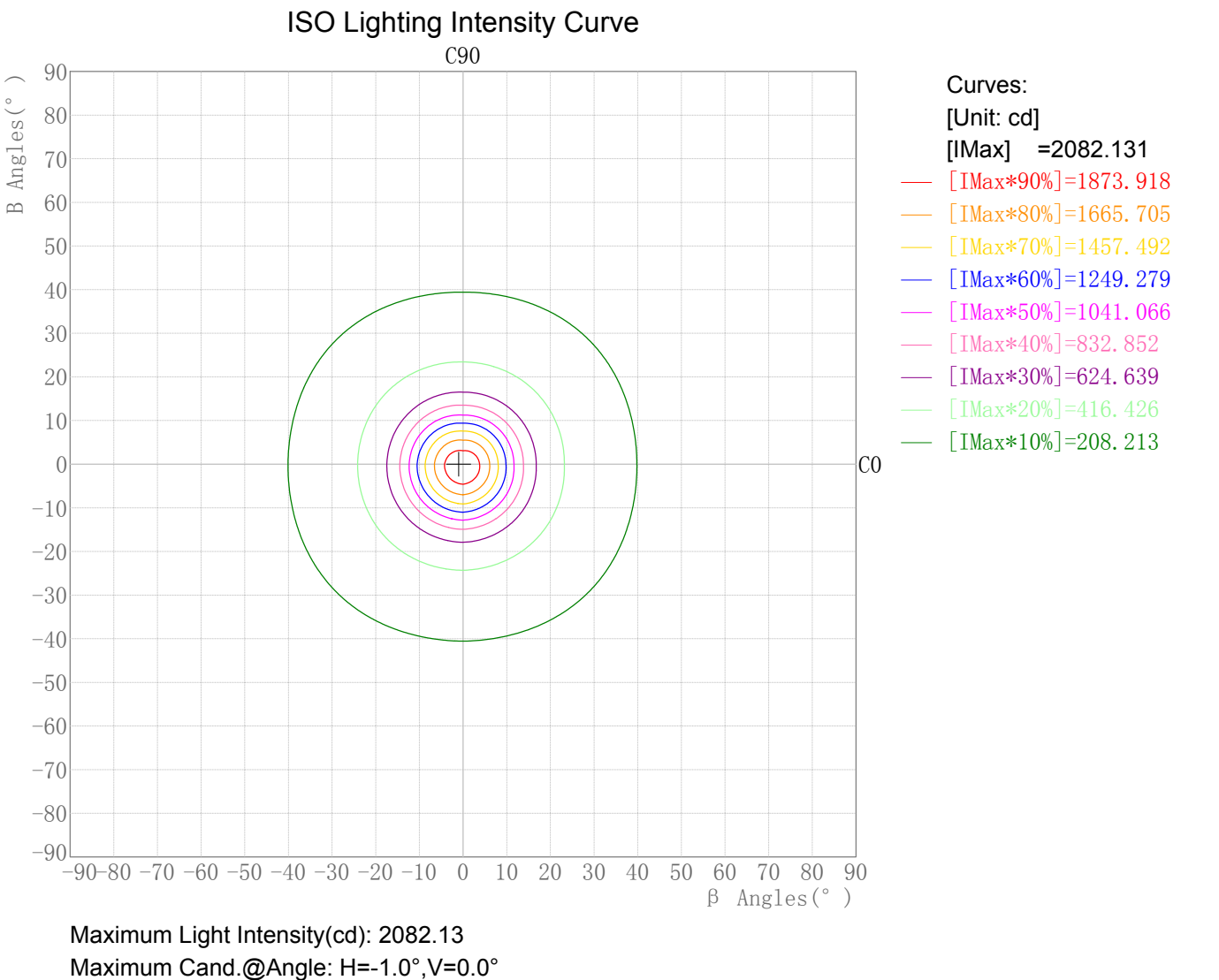
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.98	1.98	0.23	0.23	47.0-48.0	3.49	801.77	0.40	92.43
1.0-2.0	5.84	7.83	0.67	0.90	48.0-49.0	2.87	804.64	0.33	92.76
2.0-3.0	9.47	17.29	1.09	1.99	49.0-50.0	2.51	807.16	0.29	93.05
3.0-4.0	12.76	30.05	1.47	3.46	50.0-51.0	2.29	809.45	0.26	93.32
4.0-5.0	15.71	45.76	1.81	5.28	51.0-52.0	2.13	811.57	0.25	93.56
5.0-6.0	18.27	64.03	2.11	7.38	52.0-53.0	1.99	813.56	0.23	93.79
6.0-7.0	20.41	84.44	2.35	9.73	53.0-54.0	1.88	815.44	0.22	94.01
7.0-8.0	22.11	106.55	2.55	12.28	54.0-55.0	1.77	817.21	0.20	94.21
8.0-9.0	23.33	129.88	2.69	14.97	55.0-56.0	1.67	818.88	0.19	94.40
9.0-10.0	24.02	153.91	2.77	17.74	56.0-57.0	1.57	820.45	0.18	94.58
10.0-11.0	24.23	178.14	2.79	20.54	57.0-58.0	1.49	821.93	0.17	94.76
11.0-12.0	24.06	202.20	2.77	23.31	58.0-59.0	1.41	823.34	0.16	94.92
12.0-13.0	23.60	225.80	2.72	26.03	59.0-60.0	1.34	824.68	0.15	95.07
13.0-14.0	22.96	248.75	2.65	28.68	60.0-61.0	1.27	825.96	0.15	95.22
14.0-15.0	22.22	270.97	2.56	31.24	61.0-62.0	1.22	827.17	0.14	95.36
15.0-16.0	21.44	292.41	2.47	33.71	62.0-63.0	1.17	828.34	0.13	95.49
16.0-17.0	20.69	313.10	2.39	36.10	63.0-64.0	1.12	829.46	0.13	95.62
17.0-18.0	20.04	333.14	2.31	38.41	64.0-65.0	1.08	830.54	0.12	95.75
18.0-19.0	19.49	352.63	2.25	40.65	65.0-66.0	1.05	831.59	0.12	95.87
19.0-20.0	19.07	371.70	2.20	42.85	66.0-67.0	1.01	832.60	0.12	95.99
20.0-21.0	18.77	390.48	2.16	45.02	67.0-68.0	0.98	833.58	0.11	96.10
21.0-22.0	18.58	409.06	2.14	47.16	68.0-69.0	0.95	834.53	0.11	96.21
22.0-23.0	18.48	427.54	2.13	49.29	69.0-70.0	0.92	835.45	0.11	96.31
23.0-24.0	18.44	445.98	2.13	51.41	70.0-71.0	0.90	836.35	0.10	96.42
24.0-25.0	18.43	464.41	2.12	53.54	71.0-72.0	0.87	837.22	0.10	96.52
25.0-26.0	18.44	482.85	2.13	55.67	72.0-73.0	0.84	838.06	0.10	96.61
26.0-27.0	18.47	501.32	2.13	57.79	73.0-74.0	0.81	838.87	0.09	96.71
27.0-28.0	18.49	519.80	2.13	59.93	74.0-75.0	0.79	839.66	0.09	96.80
28.0-29.0	18.50	538.31	2.13	62.06	75.0-76.0	0.77	840.44	0.09	96.89
29.0-30.0	18.52	556.83	2.14	64.19	76.0-77.0	0.76	841.20	0.09	96.98
30.0-31.0	18.53	575.36	2.14	66.33	77.0-78.0	0.75	841.95	0.09	97.06
31.0-32.0	18.53	593.89	2.14	68.47	78.0-79.0	0.75	842.70	0.09	97.15
32.0-33.0	18.50	612.39	2.13	70.60	79.0-80.0	0.74	843.45	0.09	97.24
33.0-34.0	18.46	630.85	2.13	72.73	80.0-81.0	0.73	844.17	0.08	97.32
34.0-35.0	18.38	649.23	2.12	74.85	81.0-82.0	0.70	844.88	0.08	97.40
35.0-36.0	18.22	667.45	2.10	76.95	82.0-83.0	0.67	845.54	0.08	97.48
36.0-37.0	17.89	685.33	2.06	79.01	83.0-84.0	0.62	846.16	0.07	97.55
37.0-38.0	17.30	702.63	1.99	81.00	84.0-85.0	0.57	846.74	0.07	97.62
38.0-39.0	16.42	719.05	1.89	82.90	85.0-86.0	0.52	847.25	0.06	97.68
39.0-40.0	15.27	734.32	1.76	84.66	86.0-87.0	0.46	847.72	0.05	97.73
40.0-41.0	13.90	748.23	1.60	86.26	87.0-88.0	0.41	848.13	0.05	97.78
41.0-42.0	12.40	760.63	1.43	87.69	88.0-89.0	0.36	848.49	0.04	97.82
42.0-43.0	10.80	771.43	1.25	88.93	89.0-90.0	0.33	848.82	0.04	97.86
43.0-44.0	9.12	780.55	1.05	89.99	90.0-91.0	0.31	849.12	0.04	97.89
44.0-45.0	7.42	787.97	0.86	90.84	91.0-92.0	0.30	849.42	0.03	97.93
45.0-46.0	5.83	793.80	0.67	91.51	92.0-93.0	0.29	849.72	0.03	97.96
46.0-47.0	4.48	798.28	0.52	92.03	93.0-94.0	0.28	850.00	0.03	97.99

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	0.27	850.27	0.03	98.02	141.0-142.0	0.26	860.69	0.03	99.22
95.0-96.0	0.27	850.54	0.03	98.05	142.0-143.0	0.26	860.96	0.03	99.26
96.0-97.0	0.26	850.79	0.03	98.08	143.0-144.0	0.27	861.22	0.03	99.29
97.0-98.0	0.25	851.04	0.03	98.11	144.0-145.0	0.27	861.49	0.03	99.32
98.0-99.0	0.24	851.29	0.03	98.14	145.0-146.0	0.27	861.76	0.03	99.35
99.0-100.0	0.24	851.53	0.03	98.17	146.0-147.0	0.27	862.02	0.03	99.38
100.0-101.0	0.23	851.76	0.03	98.19	147.0-148.0	0.27	862.29	0.03	99.41
101.0-102.0	0.23	851.99	0.03	98.22	148.0-149.0	0.26	862.55	0.03	99.44
102.0-103.0	0.22	852.21	0.03	98.25	149.0-150.0	0.26	862.82	0.03	99.47
103.0-104.0	0.22	852.43	0.03	98.27	150.0-151.0	0.26	863.08	0.03	99.50
104.0-105.0	0.22	852.65	0.02	98.30	151.0-152.0	0.26	863.33	0.03	99.53
105.0-106.0	0.21	852.86	0.02	98.32	152.0-153.0	0.25	863.58	0.03	99.56
106.0-107.0	0.21	853.07	0.02	98.35	153.0-154.0	0.25	863.83	0.03	99.59
107.0-108.0	0.21	853.28	0.02	98.37	154.0-155.0	0.24	864.07	0.03	99.61
108.0-109.0	0.21	853.49	0.02	98.39	155.0-156.0	0.24	864.31	0.03	99.64
109.0-110.0	0.20	853.69	0.02	98.42	156.0-157.0	0.23	864.54	0.03	99.67
110.0-111.0	0.20	853.89	0.02	98.44	157.0-158.0	0.23	864.77	0.03	99.69
111.0-112.0	0.20	854.09	0.02	98.46	158.0-159.0	0.22	864.99	0.03	99.72
112.0-113.0	0.20	854.30	0.02	98.49	159.0-160.0	0.21	865.20	0.02	99.74
113.0-114.0	0.20	854.50	0.02	98.51	160.0-161.0	0.20	865.40	0.02	99.77
114.0-115.0	0.20	854.70	0.02	98.53	161.0-162.0	0.20	865.60	0.02	99.79
115.0-116.0	0.20	854.90	0.02	98.56	162.0-163.0	0.19	865.78	0.02	99.81
116.0-117.0	0.20	855.10	0.02	98.58	163.0-164.0	0.18	865.96	0.02	99.83
117.0-118.0	0.20	855.30	0.02	98.60	164.0-165.0	0.17	866.13	0.02	99.85
118.0-119.0	0.20	855.50	0.02	98.63	165.0-166.0	0.16	866.29	0.02	99.87
119.0-120.0	0.20	855.70	0.02	98.65	166.0-167.0	0.15	866.45	0.02	99.89
120.0-121.0	0.20	855.90	0.02	98.67	167.0-168.0	0.14	866.59	0.02	99.90
121.0-122.0	0.20	856.10	0.02	98.70	168.0-169.0	0.13	866.72	0.02	99.92
122.0-123.0	0.20	856.31	0.02	98.72	169.0-170.0	0.12	866.84	0.01	99.93
123.0-124.0	0.21	856.51	0.02	98.74	170.0-171.0	0.11	866.95	0.01	99.95
124.0-125.0	0.21	856.72	0.02	98.77	171.0-172.0	0.10	867.04	0.01	99.96
125.0-126.0	0.21	856.93	0.02	98.79	172.0-173.0	0.09	867.13	0.01	99.97
126.0-127.0	0.21	857.14	0.02	98.81	173.0-174.0	0.08	867.21	0.01	99.98
127.0-128.0	0.21	857.35	0.02	98.84	174.0-175.0	0.06	867.27	0.01	99.98
128.0-129.0	0.22	857.57	0.02	98.86	175.0-176.0	0.05	867.32	0.01	99.99
129.0-130.0	0.22	857.79	0.03	98.89	176.0-177.0	0.04	867.37	0.00	99.99
130.0-131.0	0.22	858.01	0.03	98.92	177.0-178.0	0.03	867.40	0.00	100.00
131.0-132.0	0.23	858.24	0.03	98.94	178.0-179.0	0.02	867.41	0.00	100.00
132.0-133.0	0.23	858.46	0.03	98.97	179.0-180.0	0.01	867.42	0.00	100.00
133.0-134.0	0.23	858.70	0.03	98.99					
134.0-135.0	0.24	858.93	0.03	99.02					
135.0-136.0	0.24	859.17	0.03	99.05					
136.0-137.0	0.24	859.42	0.03	99.08					
137.0-138.0	0.25	859.67	0.03	99.11					
138.0-139.0	0.25	859.92	0.03	99.14					
139.0-140.0	0.26	860.17	0.03	99.16					
140.0-141.0	0.26	860.43	0.03	99.19					

Rectangle ISO Lighting Intensity Diagram

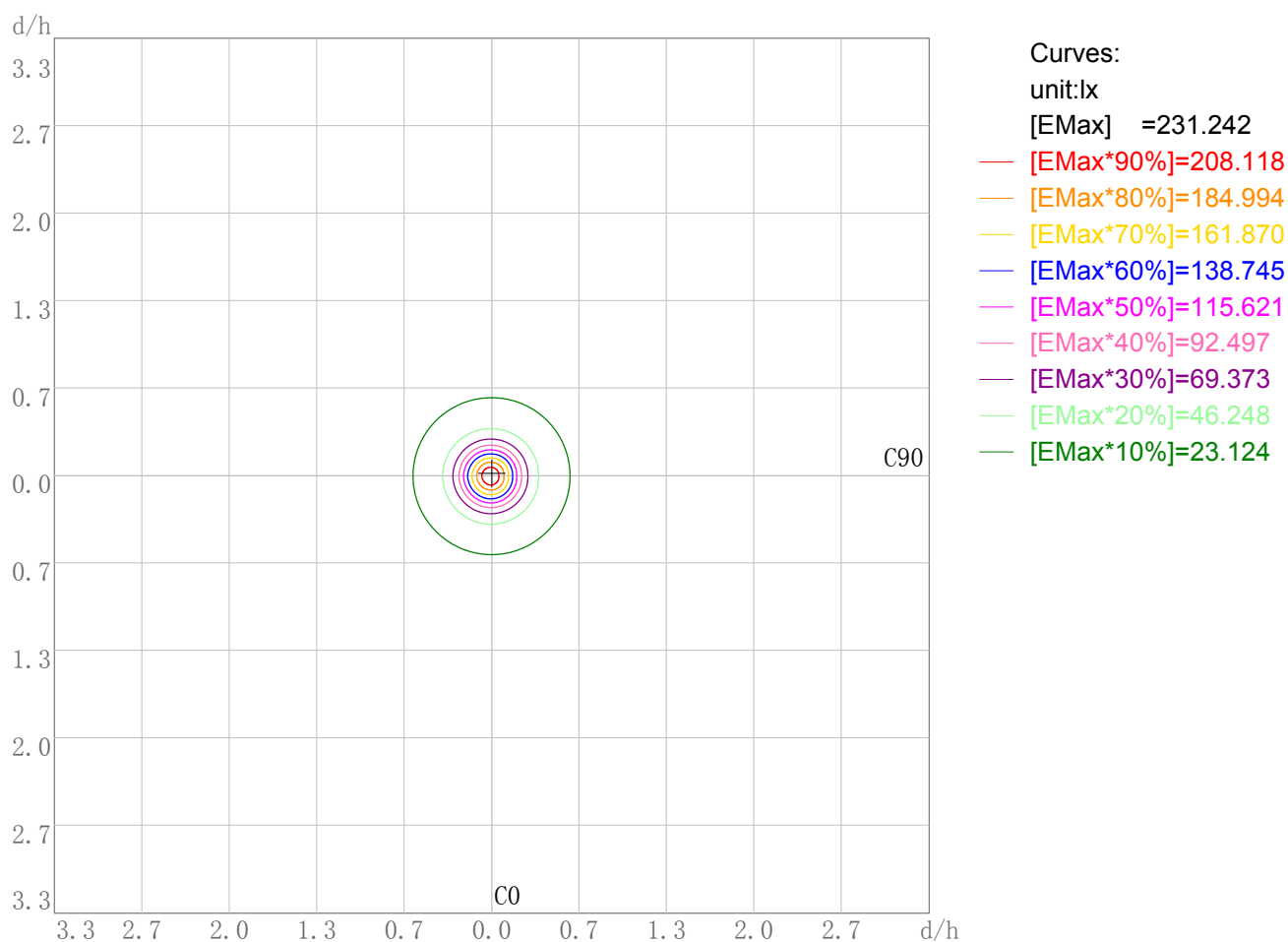
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Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/03



Plane ISO-Illuminance Diagram

Lum. Name: MD10-09-XX-02 4000K RA90 25D	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: 2019/12/03

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

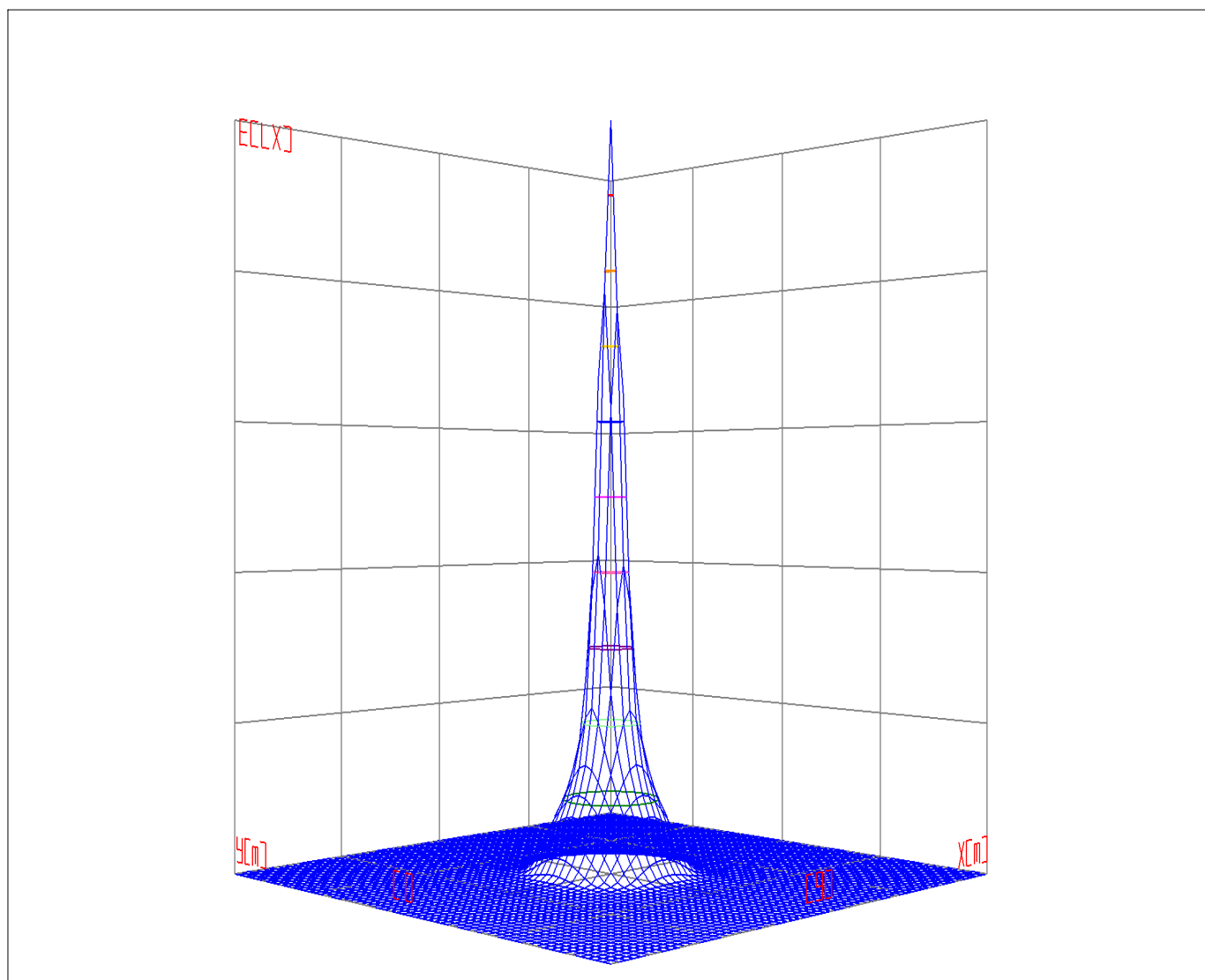
Working Plane Maximum Illuminance(lx): 231.24

Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-09-XX-02 4000K RA90 25D	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: 2019/12/03

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

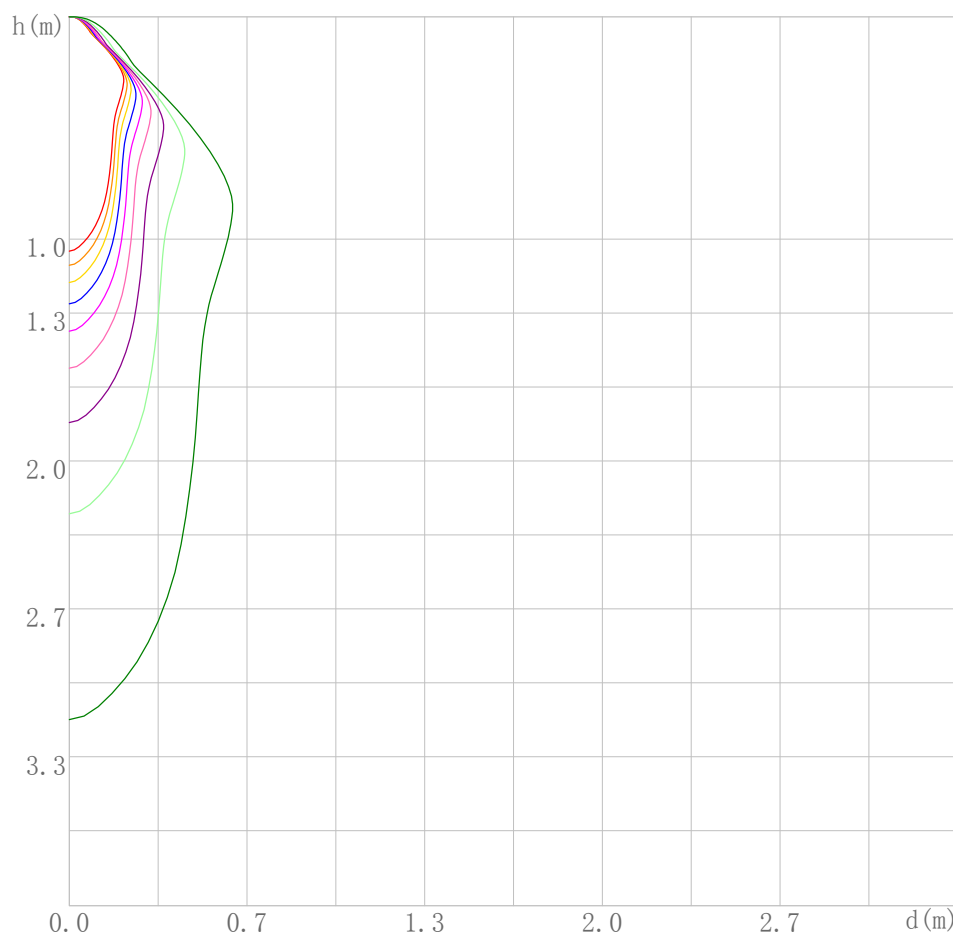
IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 25D.IES

Space ISO Illuminance Diagram

Lum. Name: MD10-09-XX-02 4000K RA90 25D	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: 2019/12/03

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =2080.413

— [EMax*90%]=1872.372

— [EMax*80%]=1664.330

— [EMax*70%]=1456.289

— [EMax*60%]=1248.248

— [EMax*50%]=1040.207

— [EMax*40%]=832.165

— [EMax*30%]=624.124

— [EMax*20%]=416.083

— [EMax*10%]=208.041

Space Plane Maximum Illuminance and @Angle:2080.41lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:2080.413cd,0deg

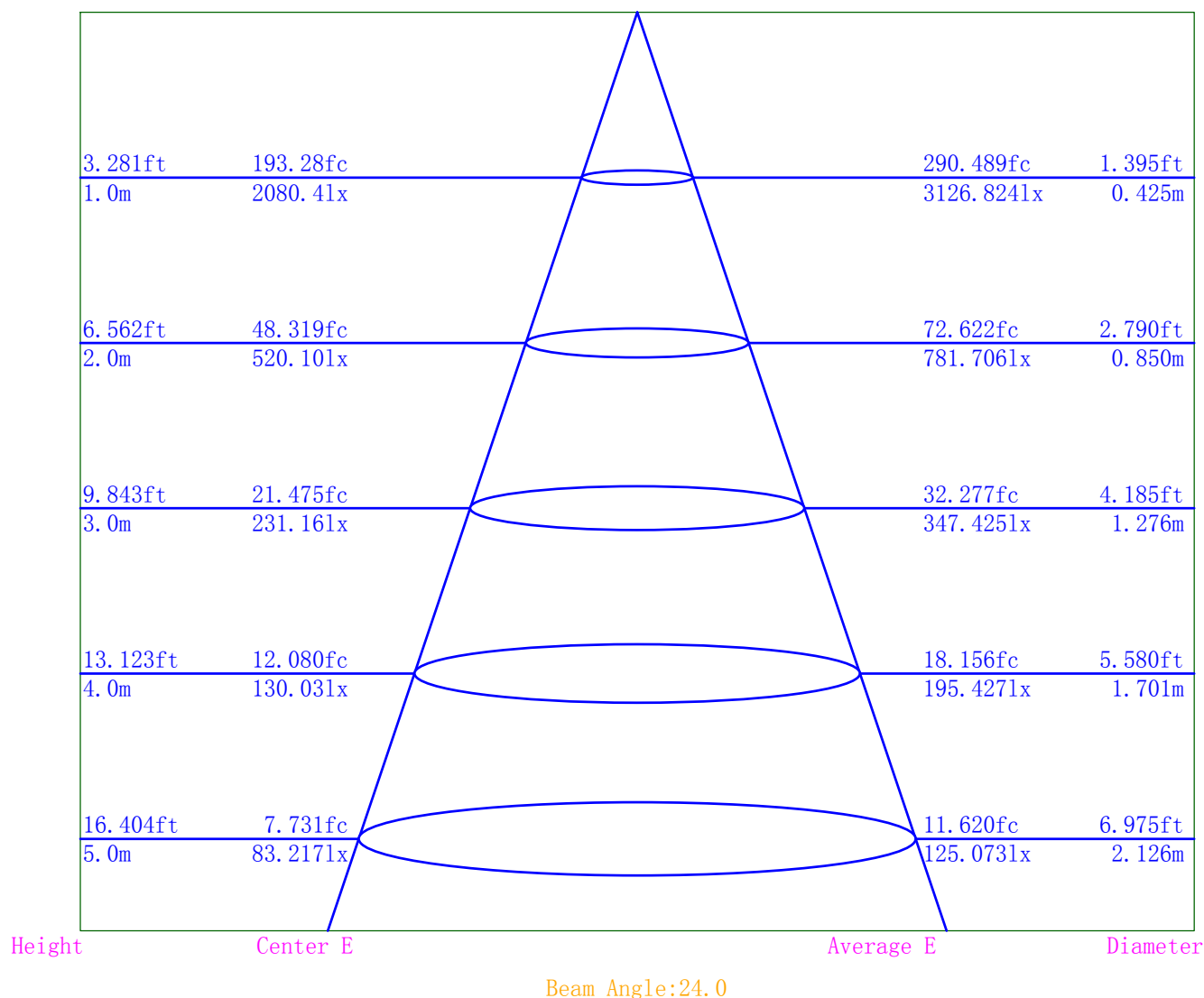
IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 25D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-09-XX-02 4000K RA90 25D	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: 2019/12/03

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 25D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-09-XX-02 4000K RA90 25D	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: 2019/12/03

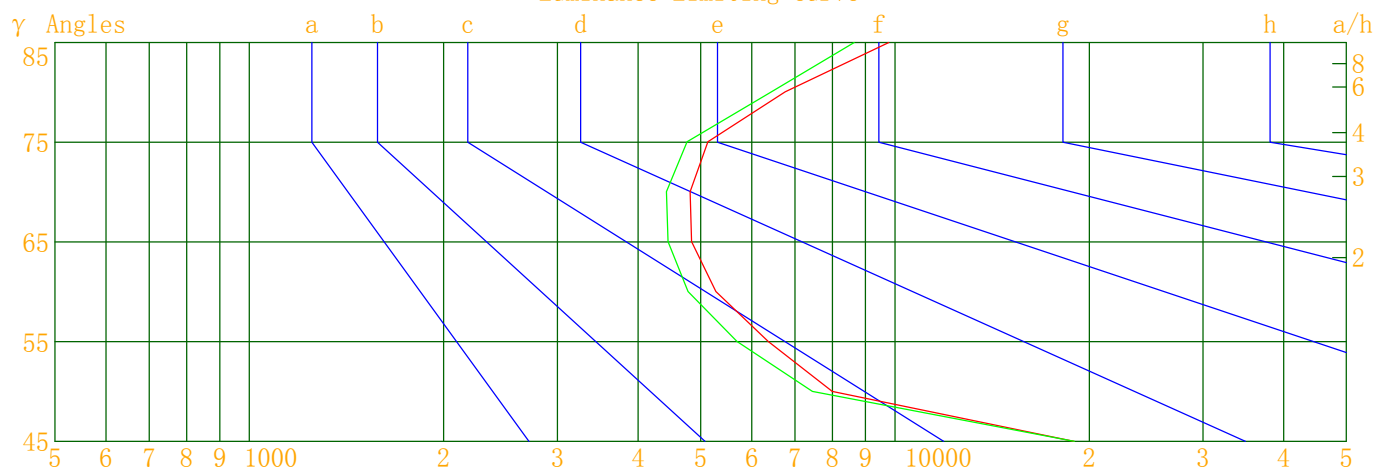
Glare Grade Table

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	18930	7996	6365	5281	4842	4815	5132	6761	9780
C90	18954	7449	5693	4782	4451	4426	4765	6437	8647

Luminance Limiting Curve



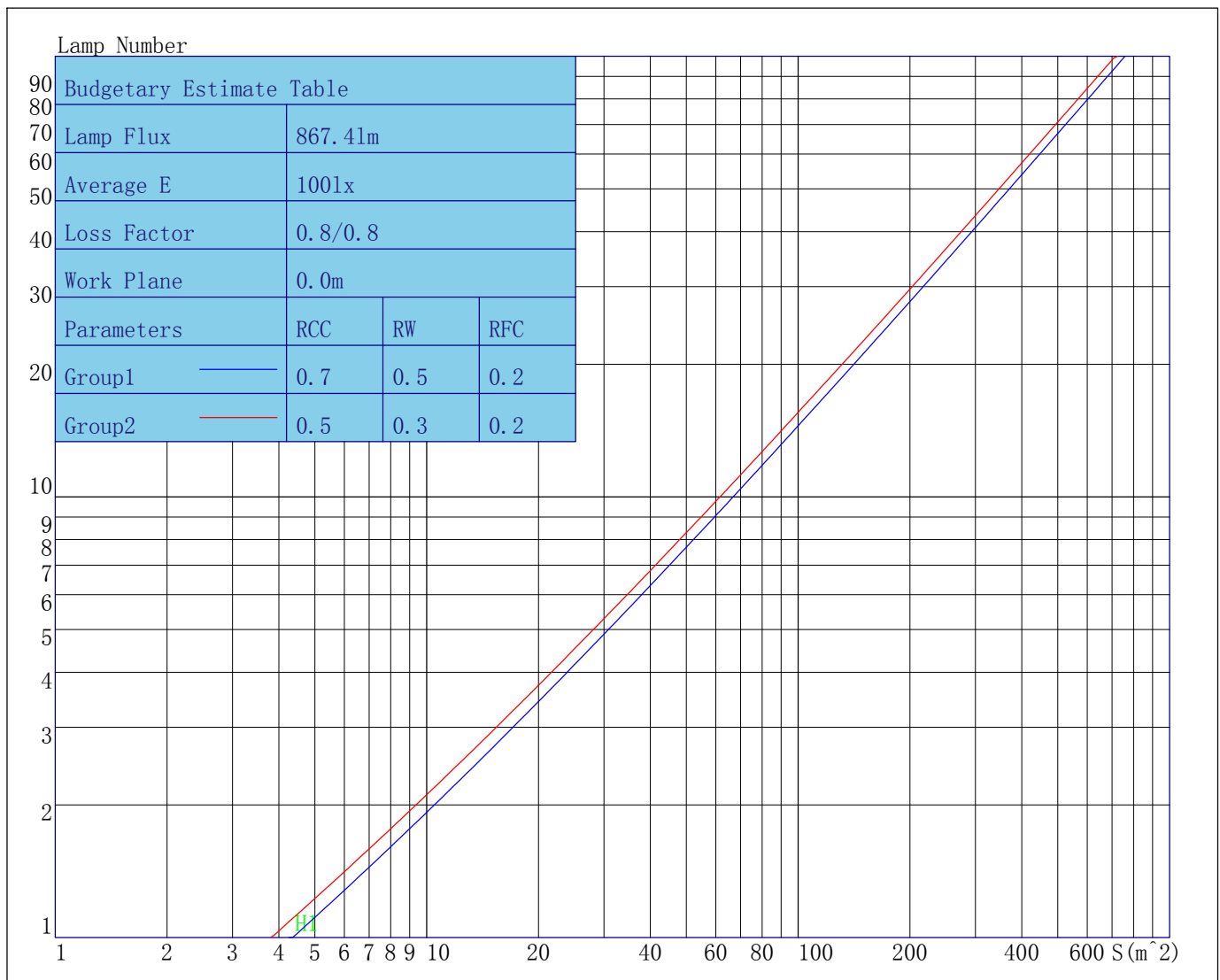
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.060 Area(m^2)=0.005500
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 25D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-09-XX-02 4000K RA90 25D	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: 2019/12/03



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

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID; Lamp Name, Lamp Catalog, Test Lab; Manufacture, Test Machine, Test Date.

Table with 2 main sections: Coefficients of Utilization - Zonal Cavity Method. It includes rows for RhoCC, RhoW, and RCR across various reflectance and utilization coefficients.

Unified Glare Rating Table

Lum. Name: MD10-09-XX-02 4000K RA90 25D	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: 2019/12/03

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	19.0	20.1	19.4	20.4	20.8	18.9	19.9	19.3	20.3	20.6
	19.1	20.0	19.5	20.3	20.8	18.9	19.8	19.3	20.2	20.6
	19.1	20.0	19.6	20.4	20.8	18.9	19.8	19.4	20.2	20.6
	19.2	20.0	19.7	20.4	20.9	19.1	19.8	19.5	20.2	20.7
	19.3	20.1	19.8	20.5	21.0	19.1	19.9	19.6	20.3	20.8
	19.5	20.2	19.9	20.6	21.1	19.3	20.0	19.7	20.4	20.9
X=4H Y=2H	18.8	19.7	19.3	20.1	20.5	18.7	19.5	19.1	19.9	20.4
	19.0	19.7	19.4	20.1	20.6	18.8	19.5	19.2	19.9	20.4
	19.1	19.7	19.6	20.2	20.7	18.9	19.5	19.4	20.0	20.5
	19.4	19.9	19.9	20.4	20.9	19.2	19.7	19.7	20.2	20.7
	19.6	20.1	20.1	20.6	21.1	19.4	19.9	19.9	20.3	20.9
	19.8	20.2	20.3	20.8	21.3	19.6	20.0	20.1	20.5	21.0
X=8H Y=4H	19.1	19.6	19.6	20.1	20.6	18.9	19.4	19.4	19.9	20.4
	19.5	19.9	20.0	20.4	21.0	19.3	19.7	19.8	20.2	20.8
	19.8	20.2	20.4	20.7	21.3	19.6	20.0	20.2	20.5	21.1
	20.2	20.5	20.8	21.1	21.7	20.0	20.3	20.5	20.8	21.4
X=12H Y=4H	19.1	19.5	19.6	20.0	20.6	18.9	19.3	19.4	19.8	20.4
	19.5	19.9	20.1	20.4	21.0	19.3	19.7	19.9	20.2	20.8
	19.9	20.3	20.5	20.8	21.4	19.7	20.0	20.3	20.6	21.2
Variations with the objerver position at spacings										
S=1.0H	0.1/-0.1					0.1/-0.2				
S=1.5H	0.2/-0.3					0.2/-0.3				
S=2.0H	0.3/-0.3					0.3/-0.3				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.3					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	2080.41	2080.41	2080.41	2080.41
γ 1.0	2060.78	2021.95	2082.13	2073.90
γ 2.0	2008.59	1957.44	2036.95	2045.82
γ 3.0	1937.28	1880.40	1973.07	1990.78
γ 4.0	1858.38	1796.45	1894.72	1918.67
γ 5.0	1773.12	1709.03	1809.92	1842.98
γ 6.0	1675.63	1620.49	1718.34	1757.68
γ 7.0	1572.37	1520.39	1624.44	1665.96
γ 8.0	1462.51	1411.59	1530.90	1569.46
γ 9.0	1349.66	1295.38	1424.16	1470.26
γ 10.0	1228.44	1176.80	1310.96	1363.05
γ 11.0	1112.12	1066.36	1192.72	1250.76
γ 12.0	1003.11	965.96	1079.12	1133.92
γ 13.0	905.36	874.56	971.19	1020.55
γ 14.0	817.29	792.73	874.69	917.49
γ 15.0	737.07	718.59	789.14	825.83
γ 16.0	668.33	652.81	714.68	745.61
γ 17.0	610.40	597.31	649.66	676.49
γ 18.0	561.04	552.36	595.42	618.08
γ 19.0	520.38	515.87	550.50	568.42
γ 20.0	487.42	485.88	513.71	526.26
γ 21.0	460.85	460.60	483.77	492.02
γ 22.0	438.38	440.35	458.30	464.92
γ 23.0	419.50	422.91	437.12	441.50
γ 24.0	404.11	407.61	418.78	421.71
γ 25.0	389.82	392.82	403.06	404.61
γ 26.0	377.03	380.01	388.84	389.03
γ 27.0	365.45	367.93	375.29	375.53
γ 28.0	353.96	356.36	362.98	363.08
γ 29.0	343.68	345.76	351.82	351.48
γ 30.0	333.91	335.76	341.14	340.59
γ 31.0	324.74	326.45	330.93	330.27
γ 32.0	315.51	317.12	321.31	320.58
γ 33.0	306.62	308.08	311.51	311.49
γ 34.0	298.04	299.20	302.20	302.24
γ 35.0	289.34	289.28	292.91	293.87
γ 36.0	278.82	276.71	283.04	284.72
γ 37.0	265.60	260.50	270.31	273.98
γ 38.0	248.59	240.34	253.57	259.98
γ 39.0	227.99	218.15	233.73	242.21
γ 40.0	203.69	194.16	210.62	220.87
γ 41.0	178.15	170.10	186.21	198.04
γ 42.0	151.22	145.51	161.83	174.39
γ 43.0	124.50	120.83	137.03	150.84
γ 44.0	98.17	96.41	111.66	127.19
γ 45.0	73.62	73.71	87.64	104.30
γ 46.0	53.62	55.01	65.98	82.22

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	39.92	42.01	48.82	62.64
γ 48.0	33.11	34.40	37.47	46.96
γ 49.0	30.24	29.65	31.65	36.36
γ 50.0	28.27	26.33	28.27	30.41
γ 51.0	26.39	23.91	25.44	27.52
γ 52.0	24.50	22.08	22.87	25.48
γ 53.0	22.97	20.57	21.08	23.55
γ 54.0	21.40	19.21	19.51	21.88
γ 55.0	20.08	17.96	18.07	20.36
γ 56.0	18.71	16.76	16.82	18.91
γ 57.0	17.47	15.69	15.59	17.65
γ 58.0	16.40	14.75	14.58	16.38
γ 59.0	15.46	13.94	13.66	15.38
γ 60.0	14.52	13.15	12.86	14.38
γ 61.0	13.72	12.45	12.13	13.59
γ 62.0	12.97	11.85	11.50	12.79
γ 63.0	12.36	11.32	10.96	12.10
γ 64.0	11.78	10.81	10.52	11.55
γ 65.0	11.25	10.35	10.15	11.04
γ 66.0	10.75	9.90	9.79	10.61
γ 67.0	10.28	9.49	9.48	10.22
γ 68.0	9.85	9.10	9.18	9.85
γ 69.0	9.45	8.71	8.91	9.52
γ 70.0	9.06	8.33	8.68	9.19
γ 71.0	8.68	7.97	8.48	8.89
γ 72.0	8.32	7.64	8.20	8.61
γ 73.0	7.96	7.30	7.94	8.33
γ 74.0	7.62	7.02	7.72	8.09
γ 75.0	7.30	6.78	7.53	7.85
γ 76.0	7.05	6.60	7.41	7.66
γ 77.0	6.85	6.51	7.38	7.53
γ 78.0	6.71	6.45	7.43	7.49
γ 79.0	6.64	6.40	7.36	7.53
γ 80.0	6.46	6.15	7.30	7.39
γ 81.0	6.27	5.94	7.09	7.23
γ 82.0	5.91	5.56	6.74	7.03
γ 83.0	5.62	5.16	6.36	6.61
γ 84.0	5.16	4.71	5.84	6.24
γ 85.0	4.69	4.14	5.43	5.73
γ 86.0	4.15	3.55	4.96	5.28
γ 87.0	3.82	3.12	4.22	4.79
γ 88.0	3.46	2.58	3.57	4.20
γ 89.0	3.21	2.47	2.96	3.84
γ 90.0	3.08	2.40	2.67	3.33
γ 91.0	2.99	2.33	2.58	3.21
γ 92.0	2.90	2.26	2.49	3.12
γ 93.0	2.82	2.19	2.41	3.01

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.75	2.14	2.34	2.92
γ 95.0	2.67	2.08	2.27	2.83
γ 96.0	2.61	2.03	2.21	2.75
γ 97.0	2.54	1.99	2.16	2.68
γ 98.0	2.48	1.94	2.10	2.61
γ 99.0	2.43	1.91	2.04	2.54
γ 100.0	2.37	1.88	2.00	2.47
γ 101.0	2.33	1.85	1.97	2.42
γ 102.0	2.30	1.82	1.93	2.37
γ 103.0	2.26	1.80	1.90	2.34
γ 104.0	2.23	1.78	1.87	2.29
γ 105.0	2.21	1.77	1.87	2.26
γ 106.0	2.19	1.76	1.85	2.24
γ 107.0	2.16	1.75	1.84	2.22
γ 108.0	2.14	1.74	1.84	2.20
γ 109.0	2.14	1.75	1.83	2.19
γ 110.0	2.13	1.74	1.83	2.18
γ 111.0	2.12	1.75	1.85	2.18
γ 112.0	2.13	1.76	1.86	2.19
γ 113.0	2.12	1.75	1.88	2.19
γ 114.0	2.12	1.78	1.90	2.21
γ 115.0	2.12	1.79	1.92	2.22
γ 116.0	2.13	1.79	1.95	2.24
γ 117.0	2.13	1.81	1.99	2.26
γ 118.0	2.15	1.84	2.01	2.28
γ 119.0	2.16	1.86	2.05	2.30
γ 120.0	2.18	1.88	2.08	2.33
γ 121.0	2.21	1.91	2.12	2.35
γ 122.0	2.23	1.95	2.17	2.40
γ 123.0	2.27	2.00	2.20	2.42
γ 124.0	2.31	2.04	2.25	2.48
γ 125.0	2.34	2.09	2.31	2.52
γ 126.0	2.39	2.15	2.36	2.57
γ 127.0	2.45	2.20	2.42	2.61
γ 128.0	2.51	2.27	2.49	2.67
γ 129.0	2.58	2.34	2.56	2.74
γ 130.0	2.65	2.42	2.63	2.80
γ 131.0	2.72	2.50	2.72	2.88
γ 132.0	2.81	2.59	2.81	2.95
γ 133.0	2.89	2.69	2.90	3.03
γ 134.0	2.99	2.79	3.00	3.12
γ 135.0	3.09	2.89	3.10	3.21
γ 136.0	3.18	3.01	3.22	3.31
γ 137.0	3.30	3.12	3.33	3.43
γ 138.0	3.41	3.23	3.45	3.54
γ 139.0	3.53	3.36	3.57	3.65
γ 140.0	3.63	3.48	3.70	3.77

IES Indoor Report

Photometric Filename:MD10-09-XX-02 4000K RA90 25D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.75	3.61	3.83	3.88
γ 142.0	3.88	3.73	3.95	4.00
γ 143.0	4.00	3.85	4.07	4.12
γ 144.0	4.11	3.96	4.20	4.23
γ 145.0	4.23	4.09	4.31	4.34
γ 146.0	4.34	4.19	4.42	4.46
γ 147.0	4.45	4.29	4.54	4.56
γ 148.0	4.56	4.40	4.65	4.66
γ 149.0	4.66	4.50	4.74	4.76
γ 150.0	4.76	4.60	4.84	4.85
γ 151.0	4.85	4.69	4.92	4.93
γ 152.0	4.94	4.77	5.02	5.01
γ 153.0	5.03	4.85	5.10	5.09
γ 154.0	5.11	4.95	5.18	5.16
γ 155.0	5.20	5.03	5.25	5.23
γ 156.0	5.29	5.10	5.33	5.31
γ 157.0	5.36	5.17	5.41	5.36
γ 158.0	5.44	5.25	5.48	5.45
γ 159.0	5.52	5.32	5.55	5.51
γ 160.0	5.59	5.39	5.61	5.55
γ 161.0	5.65	5.45	5.67	5.60
γ 162.0	5.72	5.52	5.74	5.66
γ 163.0	5.78	5.60	5.79	5.71
γ 164.0	5.84	5.65	5.85	5.76
γ 165.0	5.90	5.72	5.89	5.80
γ 166.0	5.94	5.76	5.95	5.85
γ 167.0	5.99	5.81	5.99	5.89
γ 168.0	6.03	5.85	6.03	5.93
γ 169.0	6.06	5.89	6.07	5.95
γ 170.0	6.09	5.92	6.09	5.98
γ 171.0	6.13	5.96	6.14	6.00
γ 172.0	6.16	5.99	6.14	6.02
γ 173.0	6.19	6.01	6.17	6.03
γ 174.0	6.20	6.03	6.19	6.05
γ 175.0	6.23	6.05	6.20	6.06
γ 176.0	6.25	6.08	6.22	6.08
γ 177.0	6.27	6.09	6.22	6.10
γ 178.0	6.27	6.09	6.25	6.13
γ 179.0	6.27	6.09	6.26	6.16
γ 180.0	6.21	6.21	6.21	6.21