

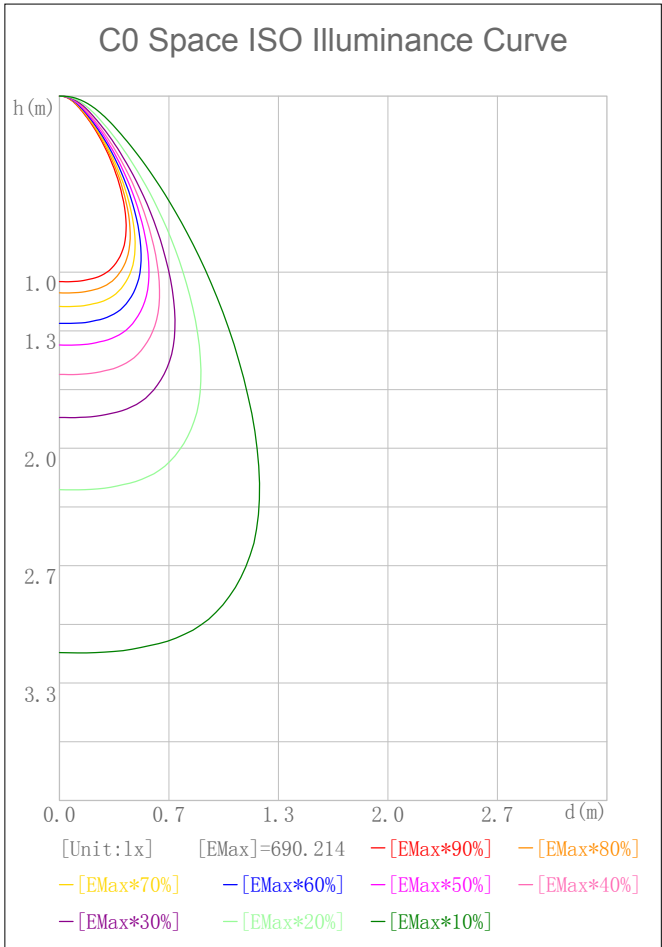
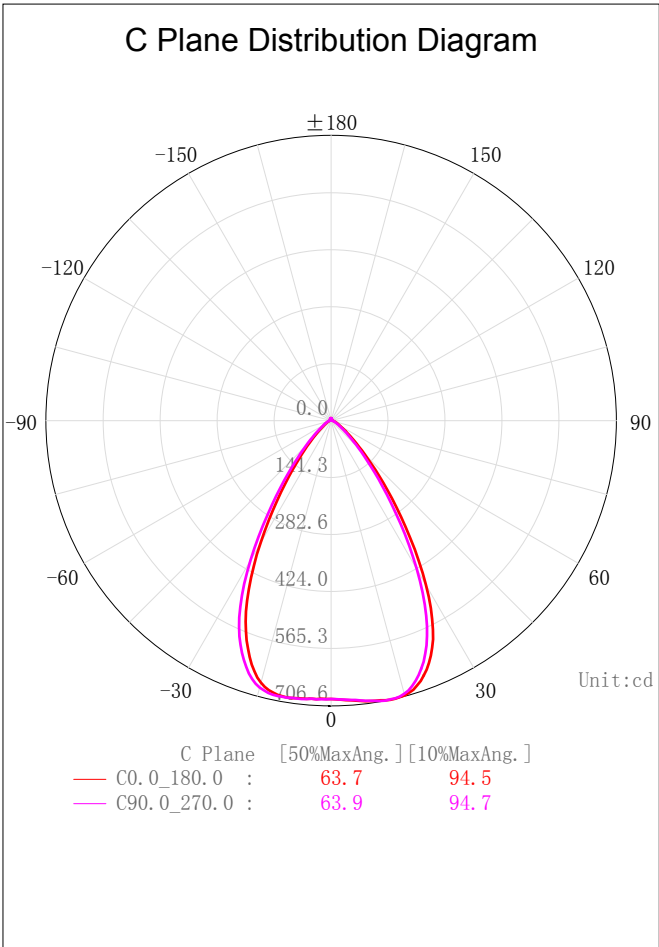
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-09-XX-03 2700K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/12/13
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*0.050m	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): 842.460	Luminary Flux(lm): 824.462	Field Angle(10%Imax): 94.5(°)
Rated Power(W):	Luminary Efficiency: 97.86%	Down Lumens&Percent: 805.877lm 97.75%
Rated Voltage(V):	Luminary EER(lm/W): 88.939	Up Lumens&Percent: 18.585lm 2.25%
Tested Power(W): 9.270	Max. Candela(cd): 706.600	S/MH: C0_a180=1.028 C90_270=1.031
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=12.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.1, 0.041, 0.929	Beam Angle(50%Imax): 63.7(°)	ErP Φ use(90°): 710.685lm
Lamp Size (W*L*H):0.050m*0.050m*0.050m	Left=-29.8°, Right=33.9°	IRF(%): 181.282



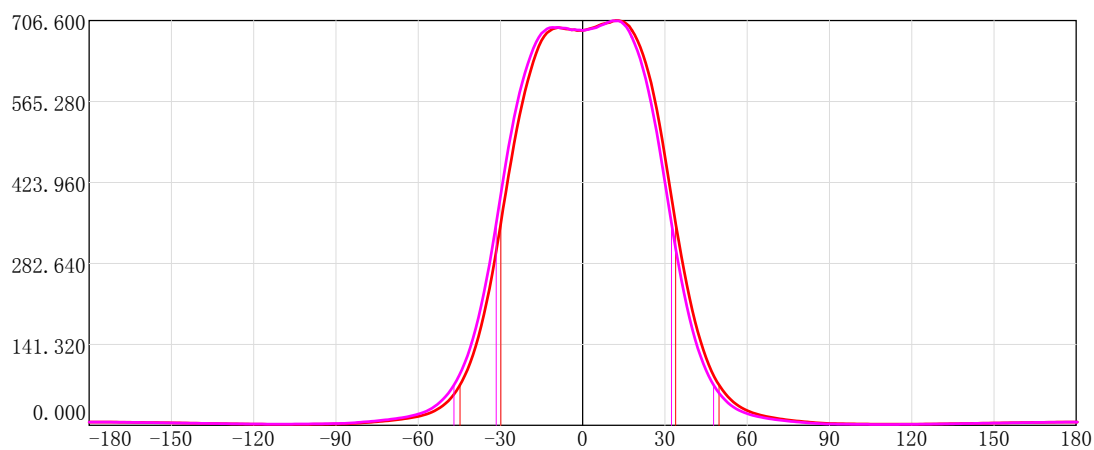
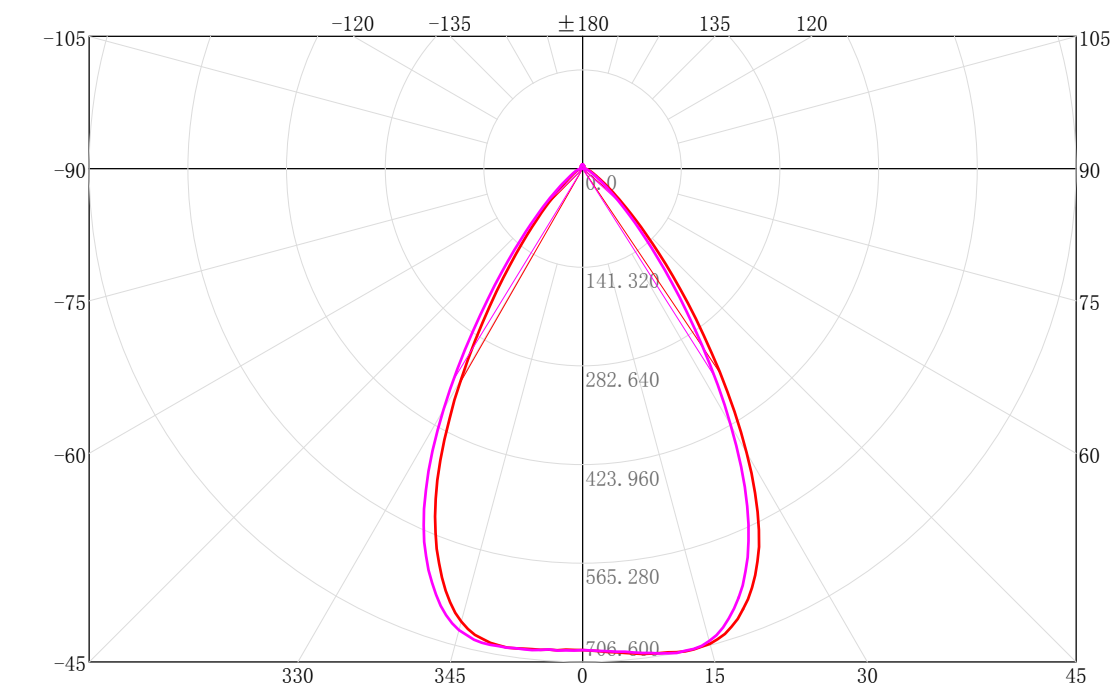
IES Indoor Report

Photometric Filename:MD10-09-XX-03 2700K RA90 60D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-09-XX-03 2700K RA90 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: 2019/12/13

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
— C0.0_180.0 : 63.7 94.5
— C90.0_270.0 : 63.9 94.7

Unit:cd

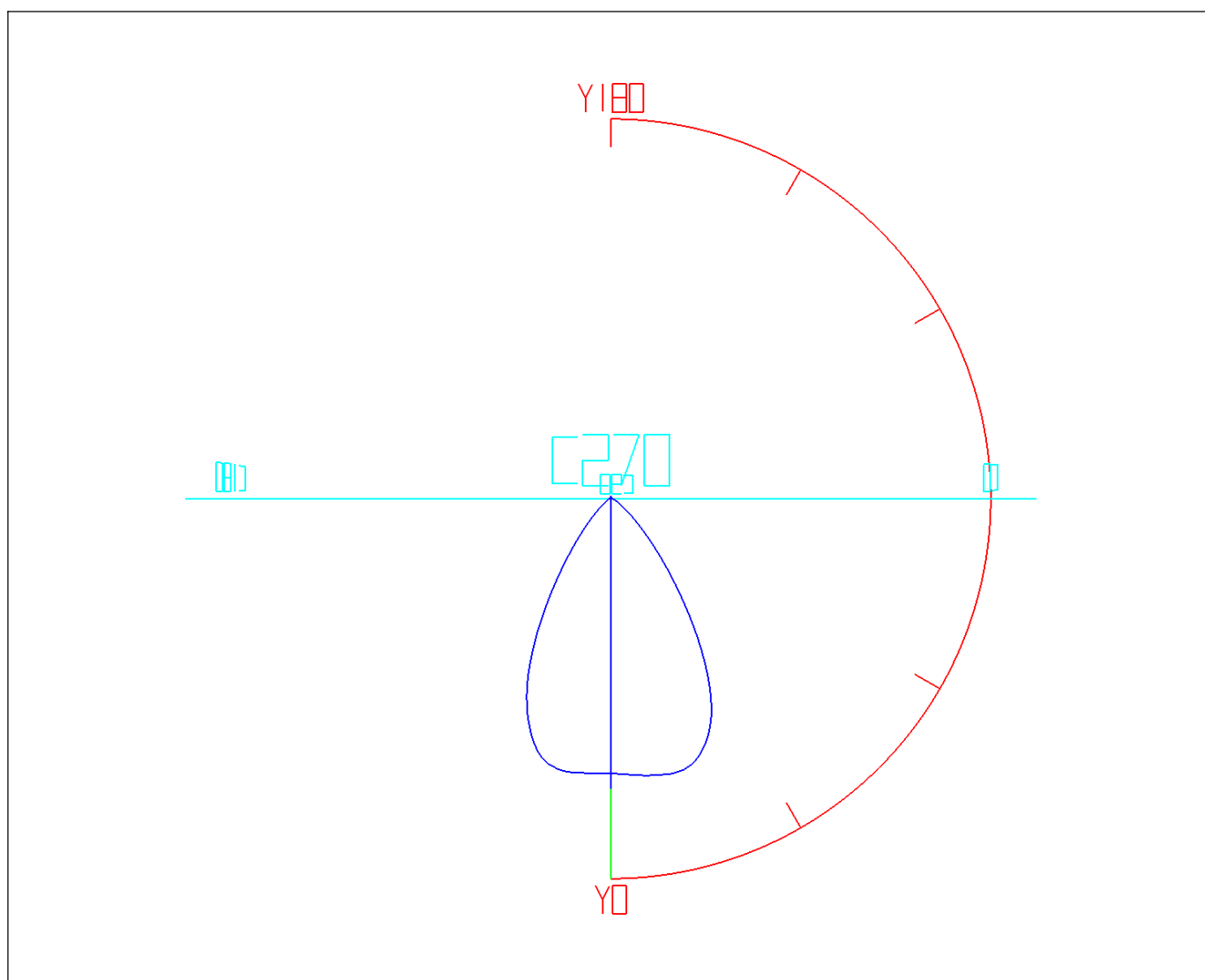
IES Indoor Report

Photometric Filename:MD10-09-XX-03 2700K RA90 60D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-09-XX-03 2700K RA90 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: 2019/12/13

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	0.66	0.66	0.08	0.08	47.0-48.0	5.66	738.81	0.67	87.70
1.0-2.0	1.98	2.64	0.24	0.31	48.0-49.0	5.15	743.95	0.61	88.31
2.0-3.0	3.31	5.95	0.39	0.71	49.0-50.0	4.68	748.63	0.56	88.86
3.0-4.0	4.63	10.58	0.55	1.26	50.0-51.0	4.26	752.89	0.51	89.37
4.0-5.0	5.96	16.54	0.71	1.96	51.0-52.0	3.88	756.77	0.46	89.83
5.0-6.0	7.30	23.84	0.87	2.83	52.0-53.0	3.54	760.31	0.42	90.25
6.0-7.0	8.63	32.47	1.02	3.85	53.0-54.0	3.23	763.55	0.38	90.63
7.0-8.0	9.97	42.44	1.18	5.04	54.0-55.0	2.96	766.51	0.35	90.98
8.0-9.0	11.31	53.75	1.34	6.38	55.0-56.0	2.72	769.23	0.32	91.31
9.0-10.0	12.65	66.40	1.50	7.88	56.0-57.0	2.51	771.74	0.30	91.61
10.0-11.0	13.97	80.37	1.66	9.54	57.0-58.0	2.32	774.06	0.28	91.88
11.0-12.0	15.29	95.66	1.81	11.35	58.0-59.0	2.16	776.22	0.26	92.14
12.0-13.0	16.57	112.23	1.97	13.32	59.0-60.0	2.02	778.24	0.24	92.38
13.0-14.0	17.81	130.04	2.11	15.44	60.0-61.0	1.89	780.12	0.22	92.60
14.0-15.0	19.01	149.05	2.26	17.69	61.0-62.0	1.77	781.90	0.21	92.81
15.0-16.0	20.13	169.18	2.39	20.08	62.0-63.0	1.67	783.56	0.20	93.01
16.0-17.0	21.17	190.35	2.51	22.59	63.0-64.0	1.57	785.14	0.19	93.20
17.0-18.0	22.10	212.45	2.62	25.22	64.0-65.0	1.49	786.63	0.18	93.37
18.0-19.0	22.93	235.38	2.72	27.94	65.0-66.0	1.41	788.04	0.17	93.54
19.0-20.0	23.65	259.03	2.81	30.75	66.0-67.0	1.34	789.37	0.16	93.70
20.0-21.0	24.27	283.30	2.88	33.63	67.0-68.0	1.27	790.64	0.15	93.85
21.0-22.0	24.76	308.06	2.94	36.57	68.0-69.0	1.20	791.84	0.14	93.99
22.0-23.0	25.12	333.18	2.98	39.55	69.0-70.0	1.14	792.98	0.14	94.13
23.0-24.0	25.34	358.51	3.01	42.56	70.0-71.0	1.08	794.05	0.13	94.25
24.0-25.0	25.39	383.90	3.01	45.57	71.0-72.0	1.02	795.08	0.12	94.38
25.0-26.0	25.25	409.15	3.00	48.57	72.0-73.0	0.97	796.04	0.11	94.49
26.0-27.0	24.92	434.08	2.96	51.52	73.0-74.0	0.91	796.96	0.11	94.60
27.0-28.0	24.42	458.50	2.90	54.42	74.0-75.0	0.86	797.82	0.10	94.70
28.0-29.0	23.76	482.26	2.82	57.24	75.0-76.0	0.82	798.64	0.10	94.80
29.0-30.0	22.94	505.20	2.72	59.97	76.0-77.0	0.77	799.40	0.09	94.89
30.0-31.0	21.99	527.20	2.61	62.58	77.0-78.0	0.72	800.13	0.09	94.98
31.0-32.0	20.96	548.16	2.49	65.07	78.0-79.0	0.68	800.81	0.08	95.06
32.0-33.0	19.84	568.00	2.36	67.42	79.0-80.0	0.64	801.45	0.08	95.13
33.0-34.0	18.66	586.67	2.22	69.64	80.0-81.0	0.60	802.05	0.07	95.20
34.0-35.0	17.47	604.14	2.07	71.71	81.0-82.0	0.56	802.61	0.07	95.27
35.0-36.0	16.29	620.42	1.93	73.64	82.0-83.0	0.52	803.13	0.06	95.33
36.0-37.0	15.13	635.55	1.80	75.44	83.0-84.0	0.48	803.61	0.06	95.39
37.0-38.0	14.00	649.55	1.66	77.10	84.0-85.0	0.44	804.05	0.05	95.44
38.0-39.0	12.91	662.46	1.53	78.63	85.0-86.0	0.41	804.46	0.05	95.49
39.0-40.0	11.87	674.33	1.41	80.04	86.0-87.0	0.38	804.84	0.05	95.53
40.0-41.0	10.88	685.22	1.29	81.34	87.0-88.0	0.36	805.20	0.04	95.58
41.0-42.0	9.95	695.17	1.18	82.52	88.0-89.0	0.34	805.55	0.04	95.62
42.0-43.0	9.08	704.25	1.08	83.60	89.0-90.0	0.33	805.88	0.04	95.66
43.0-44.0	8.28	712.53	0.98	84.58	90.0-91.0	0.32	806.20	0.04	95.70
44.0-45.0	7.53	720.06	0.89	85.47	91.0-92.0	0.31	806.51	0.04	95.73
45.0-46.0	6.85	726.92	0.81	86.29	92.0-93.0	0.30	806.81	0.04	95.77
46.0-47.0	6.23	733.15	0.74	87.02	93.0-94.0	0.29	807.11	0.03	95.80

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	0.29	807.39	0.03	95.84	141.0-142.0	0.25	818.29	0.03	97.13
95.0-96.0	0.28	807.67	0.03	95.87	142.0-143.0	0.25	818.54	0.03	97.16
96.0-97.0	0.27	807.94	0.03	95.90	143.0-144.0	0.25	818.79	0.03	97.19
97.0-98.0	0.26	808.21	0.03	95.93	144.0-145.0	0.25	819.04	0.03	97.22
98.0-99.0	0.26	808.47	0.03	95.97	145.0-146.0	0.25	819.29	0.03	97.25
99.0-100.0	0.25	808.72	0.03	95.99	146.0-147.0	0.25	819.54	0.03	97.28
100.0-101.0	0.25	808.97	0.03	96.02	147.0-148.0	0.24	819.78	0.03	97.31
101.0-102.0	0.24	809.21	0.03	96.05	148.0-149.0	0.24	820.02	0.03	97.34
102.0-103.0	0.24	809.44	0.03	96.08	149.0-150.0	0.24	820.26	0.03	97.36
103.0-104.0	0.23	809.67	0.03	96.11	150.0-151.0	0.24	820.50	0.03	97.39
104.0-105.0	0.23	809.90	0.03	96.14	151.0-152.0	0.23	820.73	0.03	97.42
105.0-106.0	0.22	810.13	0.03	96.16	152.0-153.0	0.23	820.96	0.03	97.45
106.0-107.0	0.22	810.35	0.03	96.19	153.0-154.0	0.22	821.18	0.03	97.47
107.0-108.0	0.22	810.56	0.03	96.21	154.0-155.0	0.22	821.40	0.03	97.50
108.0-109.0	0.21	810.78	0.03	96.24	155.0-156.0	0.21	821.61	0.03	97.53
109.0-110.0	0.21	810.99	0.03	96.26	156.0-157.0	0.21	821.82	0.02	97.55
110.0-111.0	0.21	811.20	0.03	96.29	157.0-158.0	0.20	822.02	0.02	97.57
111.0-112.0	0.21	811.41	0.02	96.31	158.0-159.0	0.20	822.22	0.02	97.60
112.0-113.0	0.21	811.62	0.02	96.34	159.0-160.0	0.19	822.41	0.02	97.62
113.0-114.0	0.21	811.83	0.02	96.36	160.0-161.0	0.18	822.60	0.02	97.64
114.0-115.0	0.21	812.04	0.02	96.39	161.0-162.0	0.18	822.77	0.02	97.66
115.0-116.0	0.21	812.25	0.02	96.41	162.0-163.0	0.17	822.94	0.02	97.68
116.0-117.0	0.21	812.46	0.02	96.44	163.0-164.0	0.16	823.11	0.02	97.70
117.0-118.0	0.21	812.67	0.02	96.46	164.0-165.0	0.16	823.26	0.02	97.72
118.0-119.0	0.21	812.88	0.03	96.49	165.0-166.0	0.15	823.41	0.02	97.74
119.0-120.0	0.21	813.09	0.03	96.51	166.0-167.0	0.14	823.55	0.02	97.76
120.0-121.0	0.21	813.30	0.03	96.54	167.0-168.0	0.13	823.68	0.02	97.77
121.0-122.0	0.22	813.52	0.03	96.56	168.0-169.0	0.12	823.80	0.01	97.79
122.0-123.0	0.22	813.74	0.03	96.59	169.0-170.0	0.11	823.91	0.01	97.80
123.0-124.0	0.22	813.96	0.03	96.62	170.0-171.0	0.10	824.01	0.01	97.81
124.0-125.0	0.22	814.18	0.03	96.64	171.0-172.0	0.09	824.11	0.01	97.82
125.0-126.0	0.23	814.41	0.03	96.67	172.0-173.0	0.08	824.19	0.01	97.83
126.0-127.0	0.23	814.64	0.03	96.70	173.0-174.0	0.07	824.26	0.01	97.84
127.0-128.0	0.23	814.87	0.03	96.72	174.0-175.0	0.06	824.32	0.01	97.85
128.0-129.0	0.23	815.10	0.03	96.75	175.0-176.0	0.05	824.37	0.01	97.85
129.0-130.0	0.24	815.33	0.03	96.78	176.0-177.0	0.04	824.41	0.00	97.86
130.0-131.0	0.24	815.57	0.03	96.81	177.0-178.0	0.03	824.44	0.00	97.86
131.0-132.0	0.24	815.81	0.03	96.84	178.0-179.0	0.02	824.46	0.00	97.86
132.0-133.0	0.24	816.05	0.03	96.87	179.0-180.0	0.01	824.46	0.00	97.86
133.0-134.0	0.24	816.30	0.03	96.89					
134.0-135.0	0.25	816.54	0.03	96.92					
135.0-136.0	0.25	816.79	0.03	96.95					
136.0-137.0	0.25	817.04	0.03	96.98					
137.0-138.0	0.25	817.29	0.03	97.01					
138.0-139.0	0.25	817.54	0.03	97.04					
139.0-140.0	0.25	817.79	0.03	97.07					
140.0-141.0	0.25	818.04	0.03	97.10					

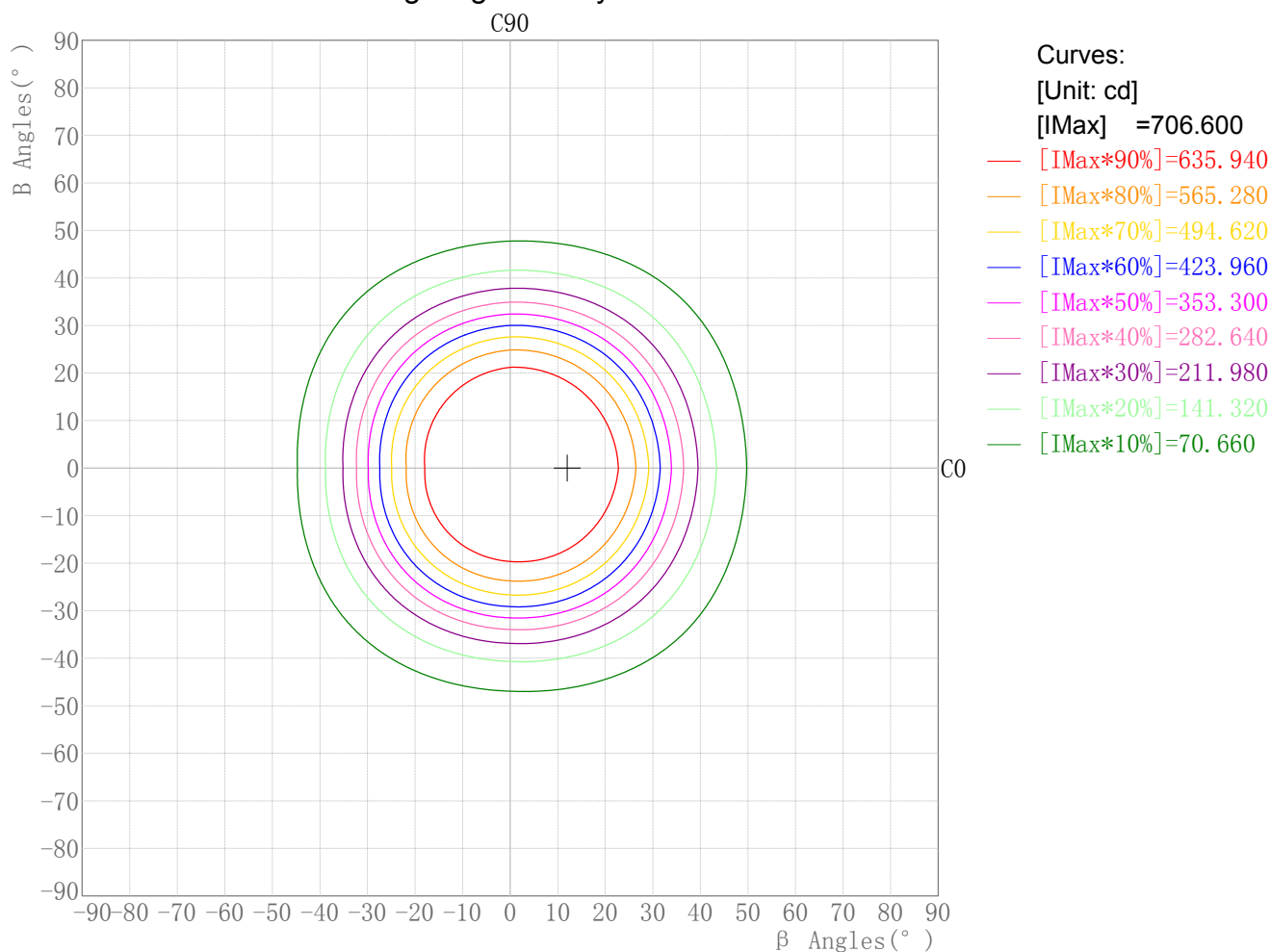
IES Indoor Report

Photometric Filename:MD10-09-XX-03 2700K RA90 60D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-09-XX-03 2700K RA90 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: 2019/12/13

ISO Lighting Intensity Curve



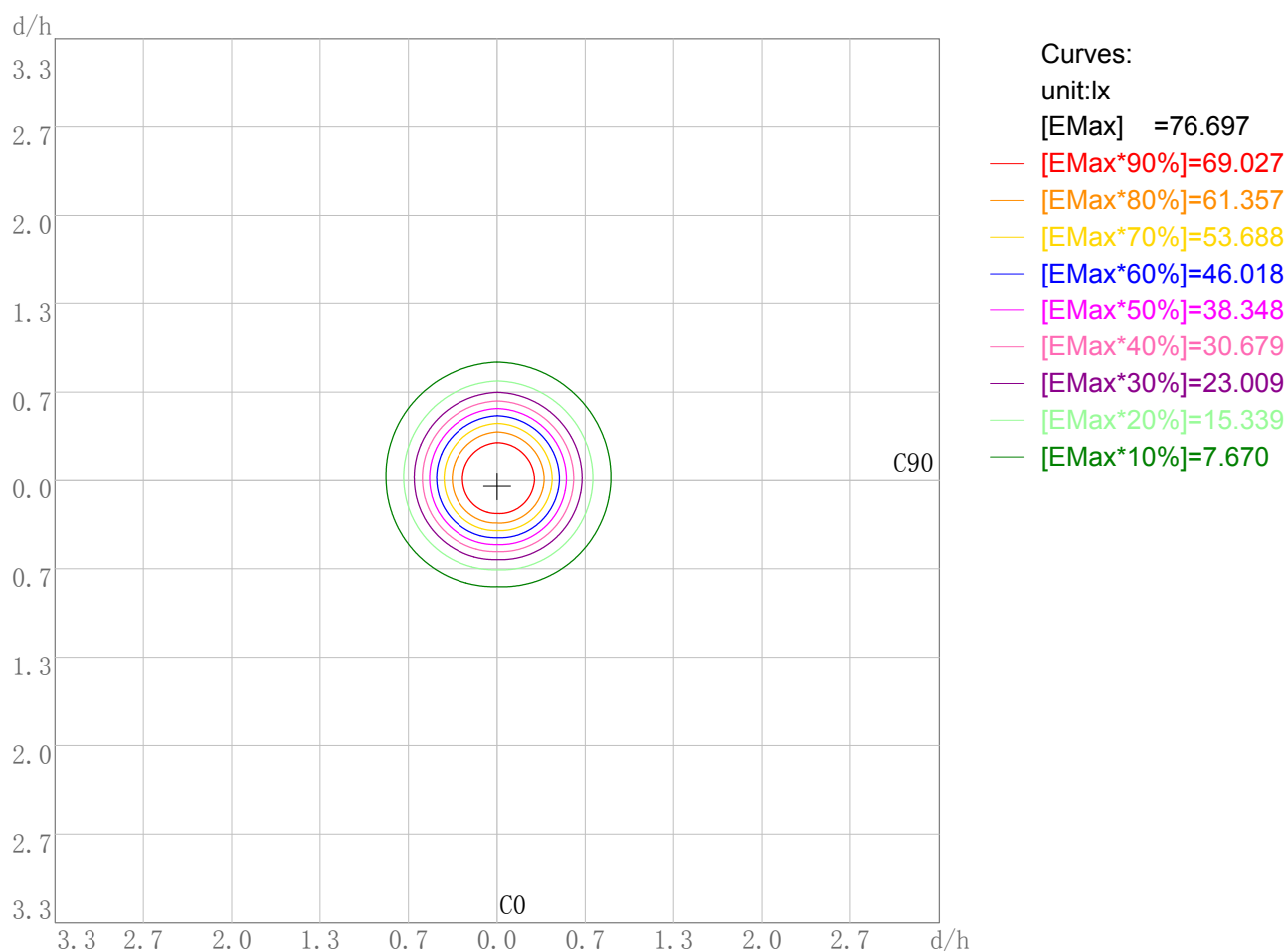
Maximum Light Intensity(cd): 706.60

Maximum Cand.@Angle: H=12.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name: MD10-09-XX-03 2700K RA90 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: 2019/12/13

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

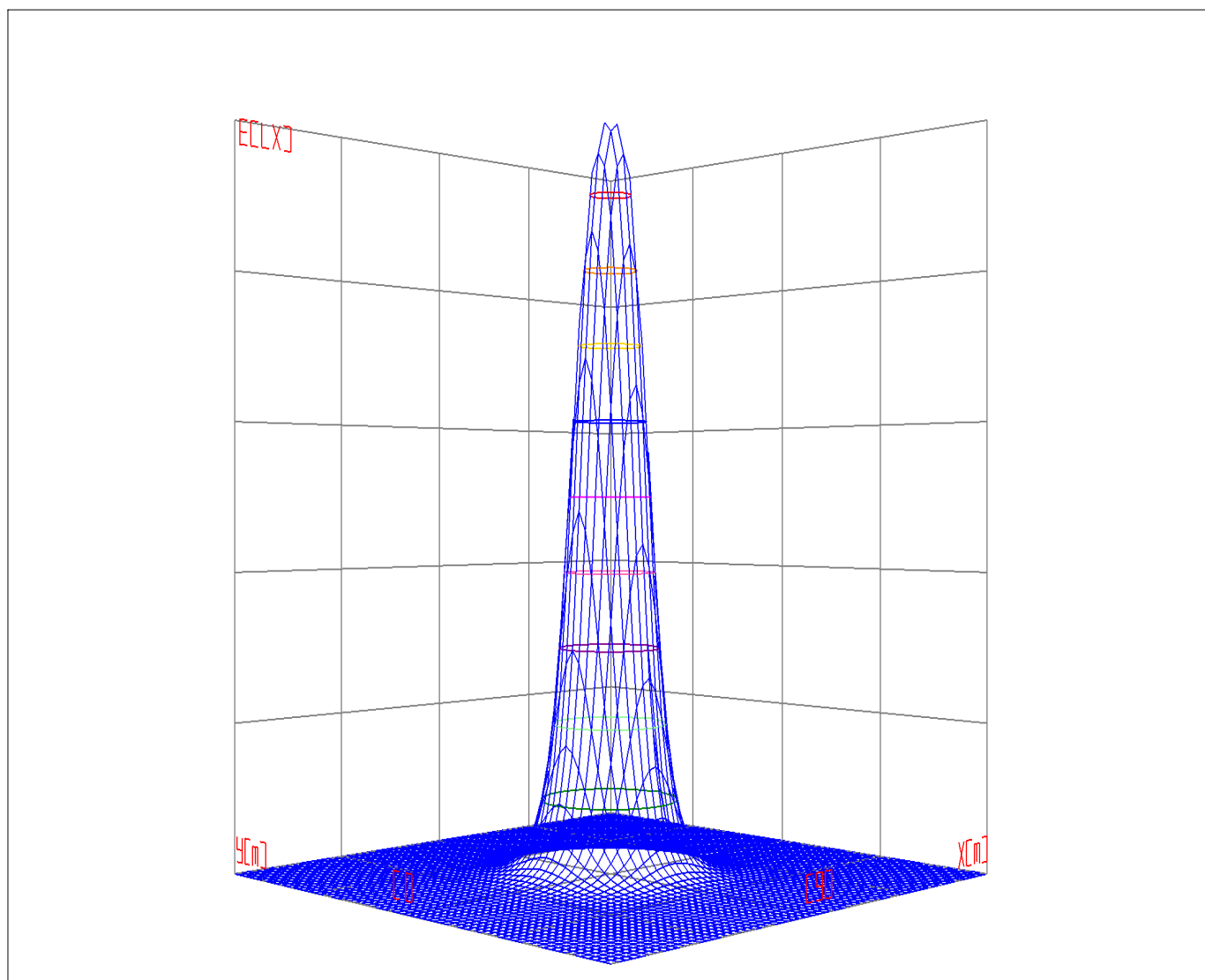
Working Plane Maximum Illuminance(lx): 76.70

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

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-09-XX-03 2700K RA90 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: 2019/12/13

3D Plane Illuminance Modal

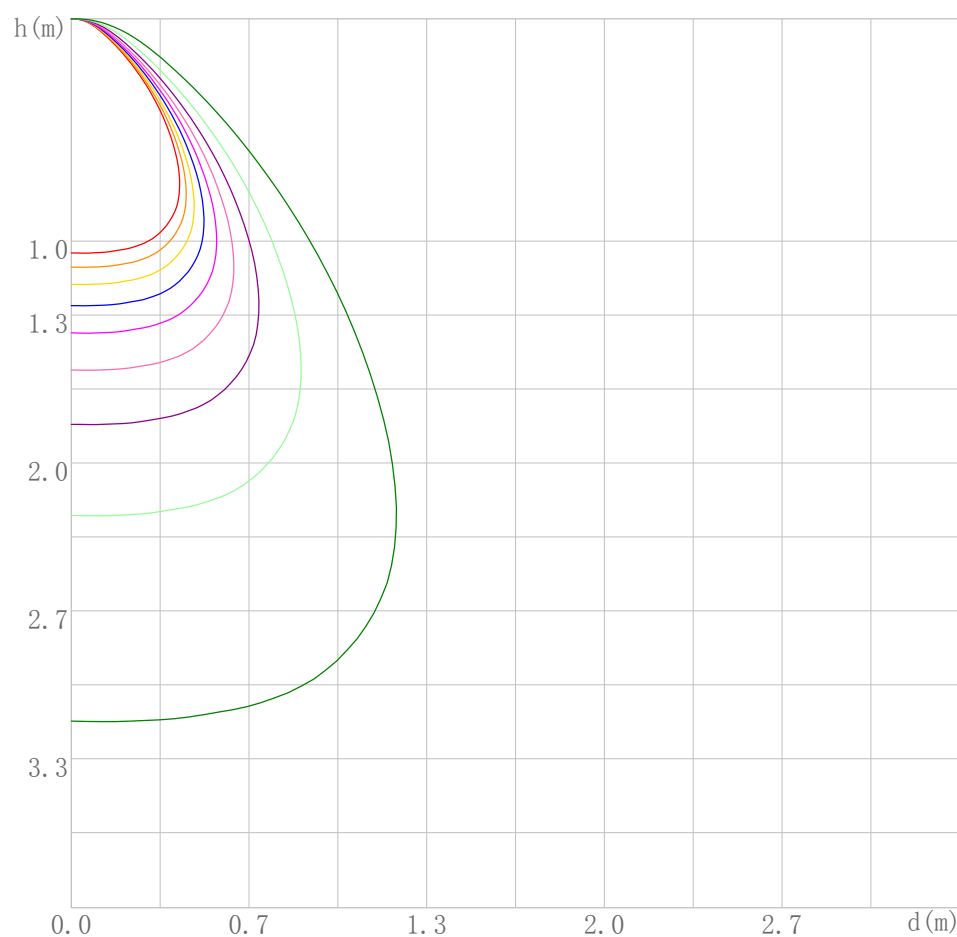


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-09-XX-03 2700K RA90 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: 2019/12/13

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =690.214

— [EMax*90%]=621.193

— [EMax*80%]=552.171

— [EMax*70%]=483.150

— [EMax*60%]=414.128

— [EMax*50%]=345.107

— [EMax*40%]=276.086

— [EMax*30%]=207.064

— [EMax*20%]=138.043

— [EMax*10%]=69.021

Space Plane Maximum Illuminance and @Angle:690.21lx,2.0deg

Plane Maximum Lighting Intensity and @Angle:706.600cd,0deg

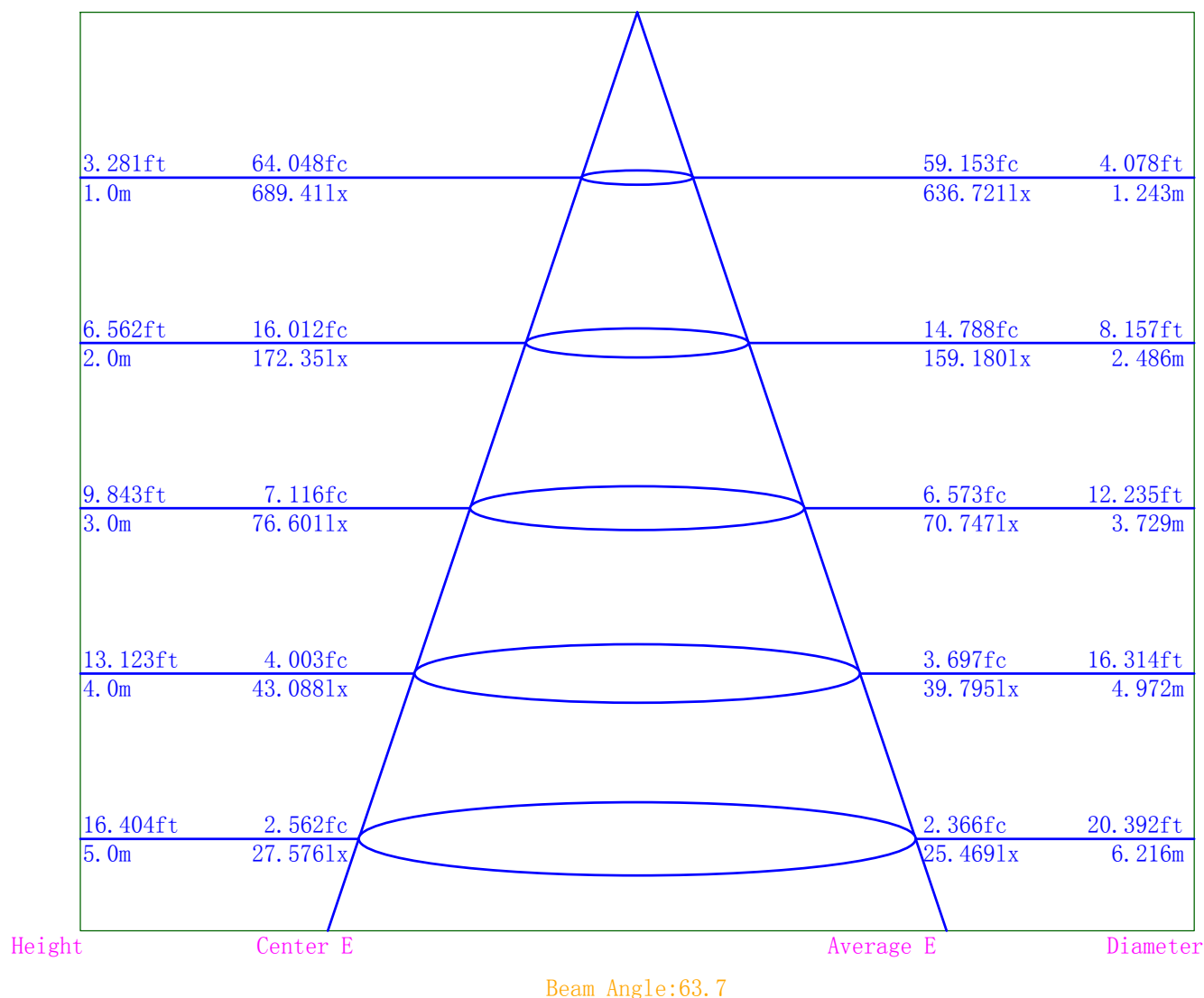
IES Indoor Report

Photometric Filename:MD10-09-XX-03 2700K RA90 60D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-09-XX-03 2700K RA90 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: 2019/12/13

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-09-XX-03 2700K RA90 60D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-09-XX-03 2700K RA90 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: 2019/12/13

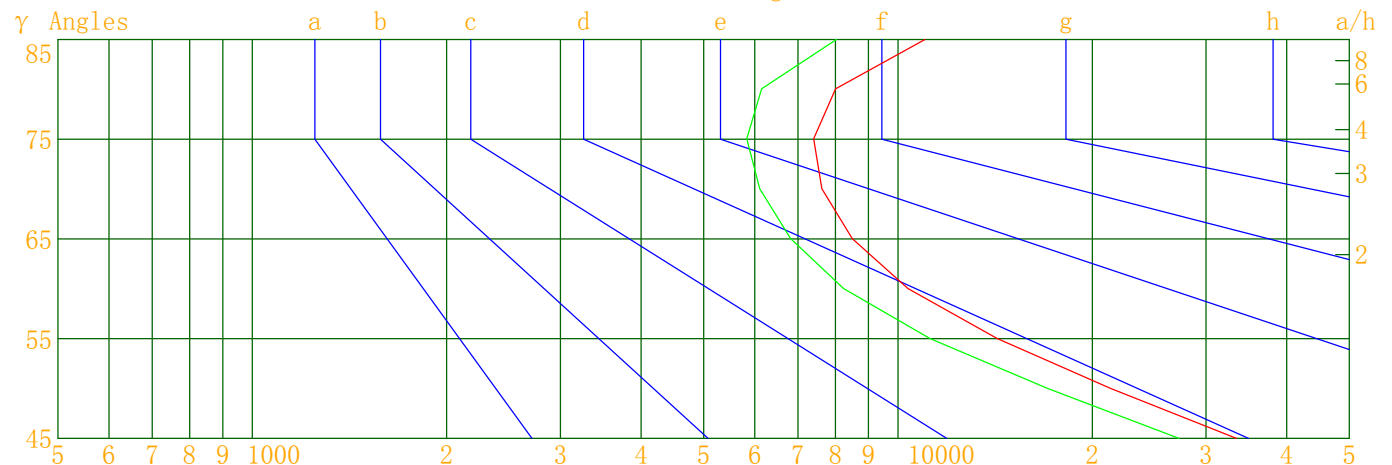
Glare Grade Table

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	33442	21350	14240	10364	8496	7621	7402	8005	11010
C90	27243	17044	11207	8237	6820	6106	5832	6148	8029

Luminance Limiting Curve



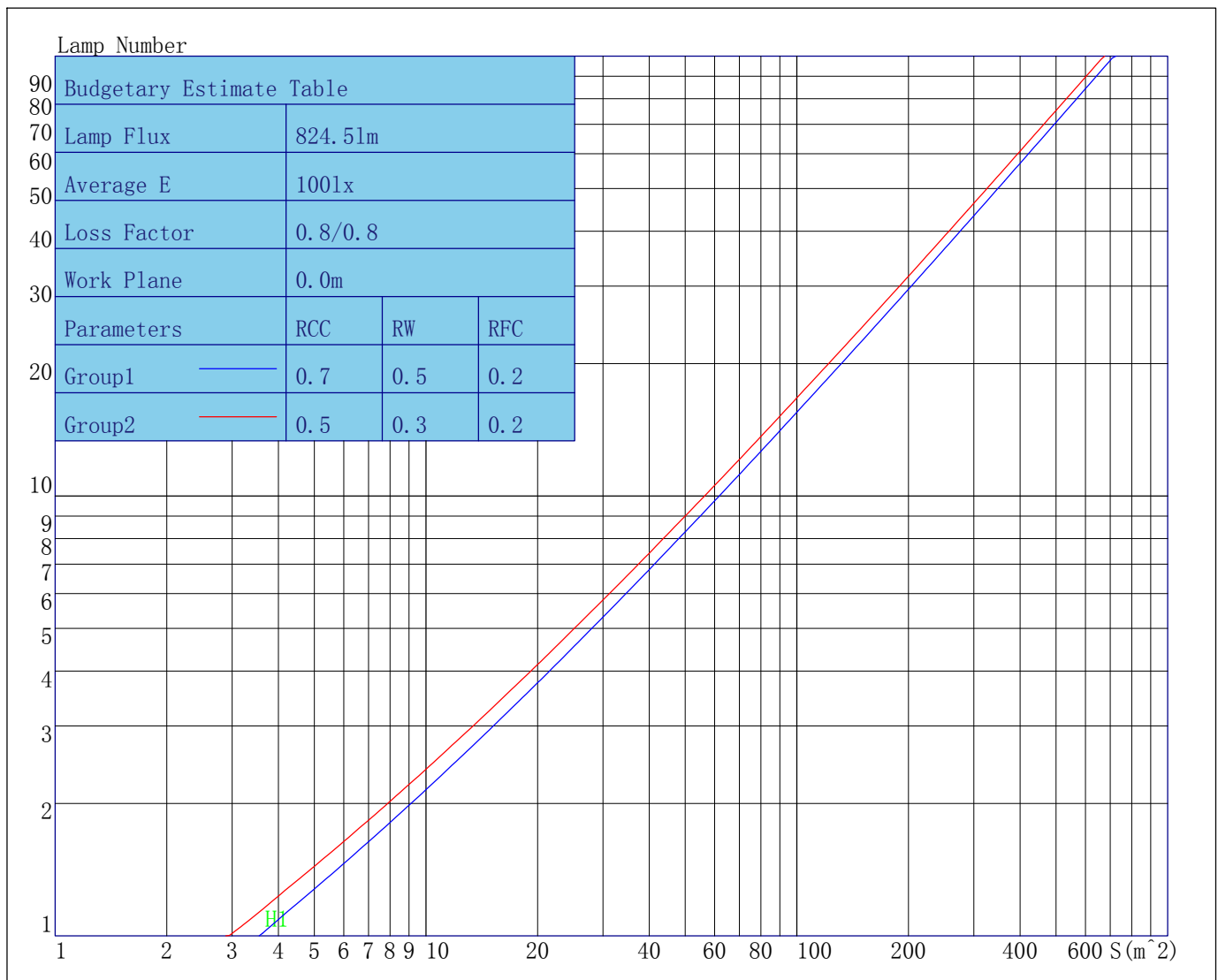
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.050 Area(m^2)=0.005000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-09-XX-03 2700K RA90 60D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-09-XX-03 2700K RA90 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: 2019/12/13



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:MD10-09-XX-03 2700K RA90 60D.IES

Indoor Coefficient of Utilization Table

Lum. Name: MD10-09-XX-03 2700K RA90 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: 2019/12/13

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	116	116	116	116	113	113	113	113	108	108	108	102	102	102	98	98	98	96
1	110	107	104	101	107	104	102	99	100	98	96	96	94	93	92	91	90	88
2	103	98	94	90	101	96	92	89	93	89	86	89	87	84	86	84	82	80
3	97	90	85	81	95	89	84	80	86	82	78	83	80	77	81	78	75	73
4	92	84	78	73	90	82	77	72	80	75	71	78	74	70	76	72	69	68
5	87	78	71	67	85	77	71	66	74	69	65	73	68	65	71	67	64	62
6	82	72	66	61	80	71	65	61	70	64	60	68	63	60	66	62	59	58
7	77	67	61	57	76	67	61	56	65	60	56	64	59	55	62	58	55	53
8	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	54	51	50
9	69	59	53	49	68	59	53	49	58	52	48	57	52	48	55	51	48	46
10	66	56	50	46	65	55	49	45	54	49	45	53	48	45	52	48	45	43

Unified Glare Rating Table

Lum. Name: MD10-09-XX-03 2700K RA90 60D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/13

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	21.1	22.1	21.5	22.5	22.9	20.1	21.2	20.5	21.6	21.9
	21.2	22.1	21.6	22.5	22.9	20.2	21.2	20.6	21.5	22.0
	21.3	22.1	21.7	22.6	23.0	20.3	21.1	20.7	21.5	22.0
	21.4	22.2	21.8	22.6	23.0	20.3	21.1	20.8	21.5	22.0
	21.4	22.2	21.9	22.6	23.1	20.4	21.1	20.8	21.6	22.0
	21.5	22.2	22.0	22.6	23.1	20.4	21.1	20.9	21.5	22.0
X=4H Y=2H	21.0	21.8	21.4	22.2	22.7	20.0	20.9	20.5	21.3	21.7
	21.2	21.9	21.7	22.4	22.8	20.2	20.9	20.7	21.4	21.8
	21.3	22.0	21.8	22.4	22.9	20.3	21.0	20.8	21.4	21.9
	21.5	22.1	22.0	22.6	23.1	20.5	21.0	21.0	21.5	22.0
	21.6	22.1	22.2	22.6	23.2	20.6	21.1	21.1	21.6	22.1
	21.8	22.2	22.3	22.7	23.3	20.7	21.1	21.2	21.6	22.2
X=8H Y=4H	21.3	21.8	21.8	22.3	22.8	20.3	20.8	20.8	21.3	21.8
	21.6	22.0	22.1	22.5	23.1	20.6	20.9	21.1	21.5	22.1
	21.8	22.1	22.3	22.7	23.2	20.7	21.0	21.3	21.6	22.2
	22.0	22.3	22.6	22.9	23.5	20.9	21.2	21.4	21.7	22.4
X=12H Y=4H	21.3	21.7	21.8	22.2	22.8	20.3	20.7	20.8	21.2	21.8
	21.6	21.9	22.2	22.4	23.0	20.5	20.9	21.1	21.4	22.0
	21.8	22.1	22.4	22.7	23.3	20.7	21.0	21.3	21.6	22.2
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/−0.7					0.8/−0.8				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.0					1.0				

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	689.41	689.41	689.41	689.41
γ 1.0	690.13	690.04	689.34	690.09
γ 2.0	691.48	691.00	689.09	690.21
γ 3.0	693.02	692.02	690.52	690.98
γ 4.0	694.38	693.28	690.32	690.11
γ 5.0	696.10	694.41	691.55	691.84
γ 6.0	698.11	696.78	691.84	693.15
γ 7.0	700.06	698.75	692.57	693.41
γ 8.0	701.38	700.37	693.69	693.45
γ 9.0	702.30	702.85	694.35	694.56
γ 10.0	703.36	704.66	693.15	694.34
γ 11.0	705.39	706.45	691.88	694.70
γ 12.0	706.60	705.76	688.44	693.95
γ 13.0	706.58	705.92	685.23	692.19
γ 14.0	705.42	704.27	679.27	688.18
γ 15.0	704.43	700.32	671.61	684.18
γ 16.0	700.87	695.10	661.74	677.40
γ 17.0	696.82	687.19	649.19	668.74
γ 18.0	689.62	677.17	635.18	658.09
γ 19.0	681.82	666.07	619.00	645.09
γ 20.0	671.29	653.33	601.18	630.63
γ 21.0	660.36	639.34	583.07	615.65
γ 22.0	647.15	622.19	562.17	598.55
γ 23.0	632.35	604.65	541.11	580.72
γ 24.0	615.59	583.86	517.47	559.55
γ 25.0	597.67	561.87	492.30	537.61
γ 26.0	575.62	537.69	464.56	512.10
γ 27.0	551.67	511.33	436.12	486.04
γ 28.0	525.98	483.24	406.27	457.71
γ 29.0	498.69	453.98	378.70	428.16
γ 30.0	469.43	424.11	347.52	398.21
γ 31.0	440.14	394.55	319.19	368.34
γ 32.0	410.40	365.17	290.61	338.53
γ 33.0	380.58	335.48	263.99	309.52
γ 34.0	350.67	307.01	238.56	281.18
γ 35.0	322.21	279.66	215.18	255.43
γ 36.0	294.89	253.88	193.28	231.34
γ 37.0	269.59	230.24	173.24	209.01
γ 38.0	245.33	207.73	154.85	188.00
γ 39.0	222.53	187.05	138.37	169.25
γ 40.0	201.07	168.11	123.30	151.79
γ 41.0	181.56	150.83	109.65	136.05
γ 42.0	163.55	135.03	97.44	121.79
γ 43.0	146.92	120.77	86.63	108.89
γ 44.0	131.77	107.83	76.77	97.48
γ 45.0	118.23	96.32	68.35	87.30
γ 46.0	105.88	86.01	60.67	78.29

IES Indoor Report

Photometric Filename:MD10-09-XX-03 2700K RA90 60D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	94.78	76.80	53.98	70.08
γ 48.0	84.95	68.59	48.07	62.81
γ 49.0	76.35	61.33	42.87	56.27
γ 50.0	68.62	54.78	38.33	50.40
γ 51.0	61.77	49.08	34.44	45.22
γ 52.0	55.53	44.03	31.02	40.64
γ 53.0	50.06	39.51	28.08	36.65
γ 54.0	45.13	35.57	25.42	33.11
γ 55.0	40.84	32.14	23.16	29.98
γ 56.0	37.04	29.18	21.22	27.27
γ 57.0	33.73	26.54	19.58	24.95
γ 58.0	30.78	24.27	18.12	22.96
γ 59.0	28.20	22.29	16.89	21.27
γ 60.0	25.91	20.59	15.76	19.76
γ 61.0	23.92	19.07	14.77	18.41
γ 62.0	22.19	17.73	13.89	17.18
γ 63.0	20.62	16.51	13.08	16.10
γ 64.0	19.19	15.39	12.33	15.15
γ 65.0	17.95	14.41	11.63	14.29
γ 66.0	16.80	13.49	10.98	13.48
γ 67.0	15.74	12.65	10.36	12.74
γ 68.0	14.76	11.86	9.78	12.04
γ 69.0	13.89	11.14	9.24	11.38
γ 70.0	13.03	10.44	8.71	10.77
γ 71.0	12.26	9.80	8.23	10.17
γ 72.0	11.52	9.18	7.76	9.64
γ 73.0	10.85	8.61	7.30	9.09
γ 74.0	10.18	8.06	6.87	8.58
γ 75.0	9.58	7.55	6.46	8.11
γ 76.0	8.99	7.06	6.07	7.64
γ 77.0	8.44	6.59	5.71	7.21
γ 78.0	7.92	6.16	5.33	6.78
γ 79.0	7.42	5.74	5.00	6.39
γ 80.0	6.95	5.34	4.64	6.01
γ 81.0	6.50	4.97	4.28	5.65
γ 82.0	6.09	4.59	3.94	5.25
γ 83.0	5.66	4.20	3.61	4.86
γ 84.0	5.22	3.83	3.32	4.49
γ 85.0	4.80	3.50	3.09	4.17
γ 86.0	4.40	3.21	2.90	3.90
γ 87.0	4.10	2.96	2.77	3.67
γ 88.0	3.80	2.78	2.69	3.53
γ 89.0	3.59	2.65	2.61	3.42
γ 90.0	3.44	2.58	2.54	3.32
γ 91.0	3.34	2.50	2.48	3.22
γ 92.0	3.23	2.41	2.41	3.14
γ 93.0	3.14	2.35	2.36	3.06

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	3.05	2.29	2.31	2.98
γ 95.0	2.96	2.23	2.25	2.91
γ 96.0	2.87	2.16	2.20	2.84
γ 97.0	2.81	2.12	2.16	2.77
γ 98.0	2.73	2.07	2.13	2.71
γ 99.0	2.66	2.01	2.09	2.66
γ 100.0	2.59	1.98	2.05	2.59
γ 101.0	2.54	1.93	2.03	2.56
γ 102.0	2.48	1.91	2.01	2.51
γ 103.0	2.43	1.86	1.99	2.47
γ 104.0	2.38	1.84	1.98	2.43
γ 105.0	2.33	1.81	1.97	2.40
γ 106.0	2.29	1.80	1.96	2.37
γ 107.0	2.27	1.78	1.96	2.36
γ 108.0	2.22	1.76	1.95	2.33
γ 109.0	2.20	1.76	1.96	2.33
γ 110.0	2.18	1.75	1.97	2.32
γ 111.0	2.16	1.75	1.99	2.31
γ 112.0	2.15	1.76	2.01	2.32
γ 113.0	2.14	1.77	2.03	2.33
γ 114.0	2.14	1.78	2.05	2.33
γ 115.0	2.14	1.80	2.09	2.35
γ 116.0	2.15	1.82	2.13	2.37
γ 117.0	2.16	1.86	2.16	2.39
γ 118.0	2.18	1.89	2.21	2.42
γ 119.0	2.20	1.92	2.26	2.46
γ 120.0	2.23	1.96	2.31	2.49
γ 121.0	2.25	2.01	2.37	2.54
γ 122.0	2.29	2.06	2.42	2.58
γ 123.0	2.32	2.11	2.49	2.63
γ 124.0	2.37	2.16	2.54	2.68
γ 125.0	2.42	2.22	2.61	2.73
γ 126.0	2.46	2.28	2.68	2.78
γ 127.0	2.52	2.35	2.76	2.85
γ 128.0	2.57	2.40	2.83	2.90
γ 129.0	2.64	2.48	2.89	2.97
γ 130.0	2.69	2.55	2.98	3.04
γ 131.0	2.76	2.62	3.05	3.11
γ 132.0	2.82	2.69	3.13	3.17
γ 133.0	2.89	2.78	3.21	3.24
γ 134.0	2.96	2.85	3.29	3.31
γ 135.0	3.03	2.92	3.37	3.39
γ 136.0	3.10	3.00	3.46	3.45
γ 137.0	3.17	3.08	3.55	3.54
γ 138.0	3.24	3.15	3.63	3.61
γ 139.0	3.32	3.23	3.71	3.69
γ 140.0	3.40	3.32	3.78	3.75

IES Indoor Report

Photometric Filename:MD10-09-XX-03 2700K RA90 60D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.48	3.39	3.87	3.83
γ 142.0	3.57	3.47	3.95	3.91
γ 143.0	3.63	3.57	4.03	3.98
γ 144.0	3.71	3.64	4.11	4.04
γ 145.0	3.80	3.72	4.19	4.12
γ 146.0	3.87	3.80	4.26	4.19
γ 147.0	3.94	3.87	4.35	4.26
γ 148.0	4.02	3.95	4.41	4.32
γ 149.0	4.10	4.02	4.48	4.38
γ 150.0	4.17	4.10	4.57	4.45
γ 151.0	4.26	4.18	4.64	4.53
γ 152.0	4.33	4.26	4.71	4.59
γ 153.0	4.39	4.33	4.77	4.65
γ 154.0	4.47	4.40	4.84	4.72
γ 155.0	4.53	4.47	4.90	4.78
γ 156.0	4.62	4.55	4.96	4.84
γ 157.0	4.69	4.62	5.03	4.90
γ 158.0	4.75	4.68	5.09	4.96
γ 159.0	4.82	4.75	5.14	5.02
γ 160.0	4.90	4.82	5.20	5.09
γ 161.0	4.97	4.90	5.27	5.15
γ 162.0	5.03	4.97	5.32	5.19
γ 163.0	5.11	5.04	5.39	5.26
γ 164.0	5.17	5.11	5.44	5.32
γ 165.0	5.23	5.18	5.50	5.38
γ 166.0	5.31	5.24	5.57	5.44
γ 167.0	5.37	5.29	5.63	5.50
γ 168.0	5.44	5.36	5.68	5.55
γ 169.0	5.50	5.41	5.72	5.61
γ 170.0	5.57	5.48	5.78	5.65
γ 171.0	5.64	5.54	5.81	5.72
γ 172.0	5.69	5.59	5.85	5.74
γ 173.0	5.75	5.65	5.89	5.79
γ 174.0	5.80	5.69	5.92	5.82
γ 175.0	5.84	5.72	5.95	5.85
γ 176.0	5.89	5.77	5.95	5.88
γ 177.0	5.91	5.79	5.98	5.91
γ 178.0	5.94	5.82	5.99	5.93
γ 179.0	5.97	5.85	6.00	5.93
γ 180.0	5.96	5.96	5.96	5.96