

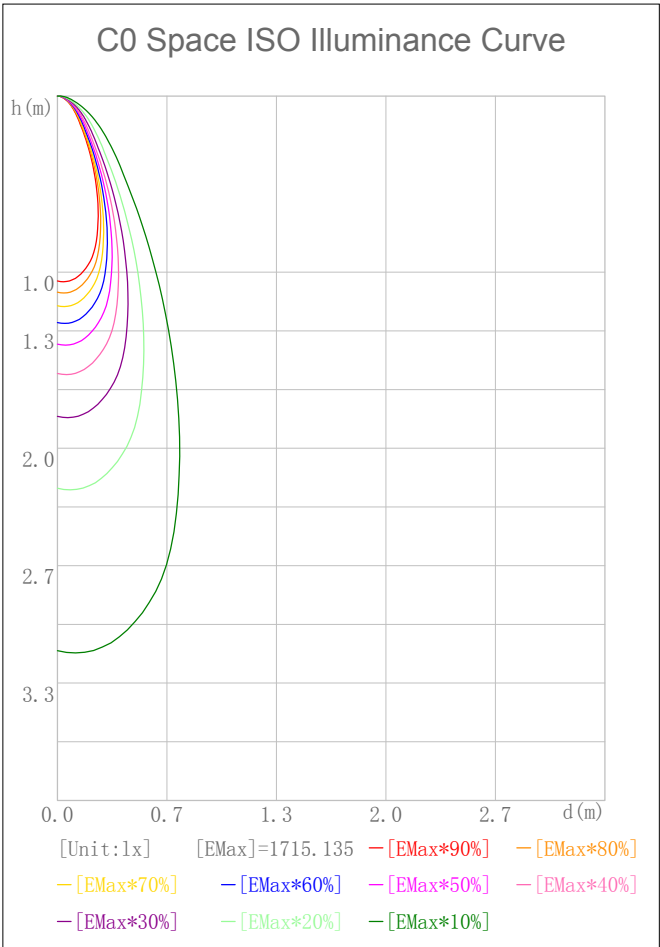
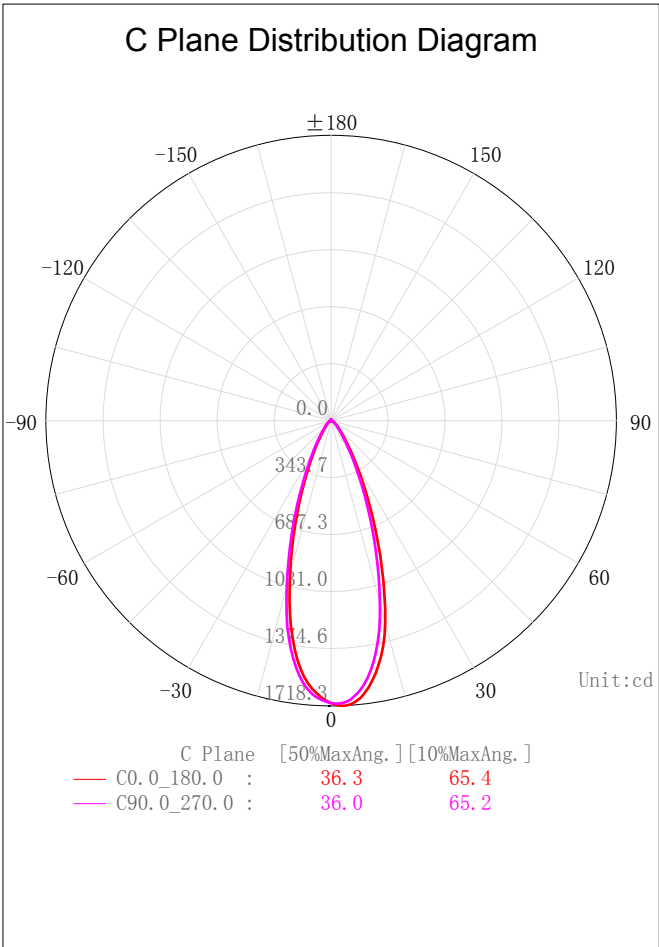
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-09-XX-01 2700K RA90 36D	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*0.060m	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): 873.360	Luminary Flux(lm): 837.363	Field Angle(10%Imax): 65.4(°)
Rated Power(W):	Luminary Efficiency: 95.88%	Down Lumens&Percent: 818.862lm 97.79%
Rated Voltage(V):	Luminary EER(lm/W): 90.399	Up Lumens&Percent: 18.501lm 2.21%
Tested Power(W): 9.263	Max. Candela(cd): 1718.273	S/MH: C0_a180=0.600 C90_270=0.592
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=2.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.1, 0.041, 0.929	Beam Angle(50%Imax): 36.3(°)	ErP Φ use(90°): 742.658lm
Lamp Size (W*L*H):0.050m*0.050m*0.060m	Left=-16.2°, Right=20.1°	IRF(%): 426.571



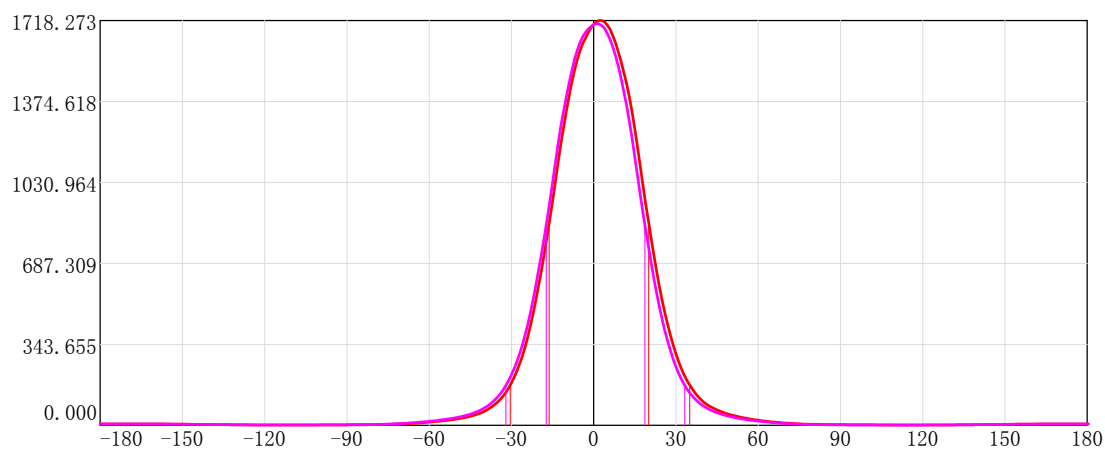
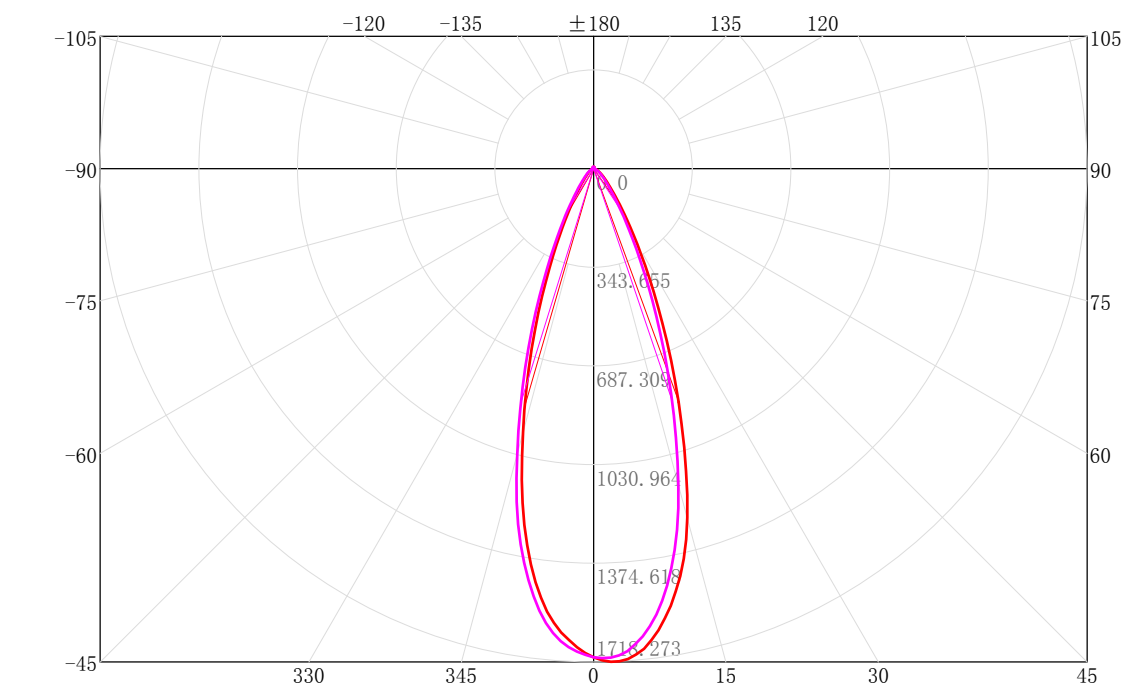
IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 36D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-09-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: 2019/12/13

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
— C0.0_180.0 : 36.3 65.4
— C90.0_270.0 : 36.0 65.2

Unit:cd

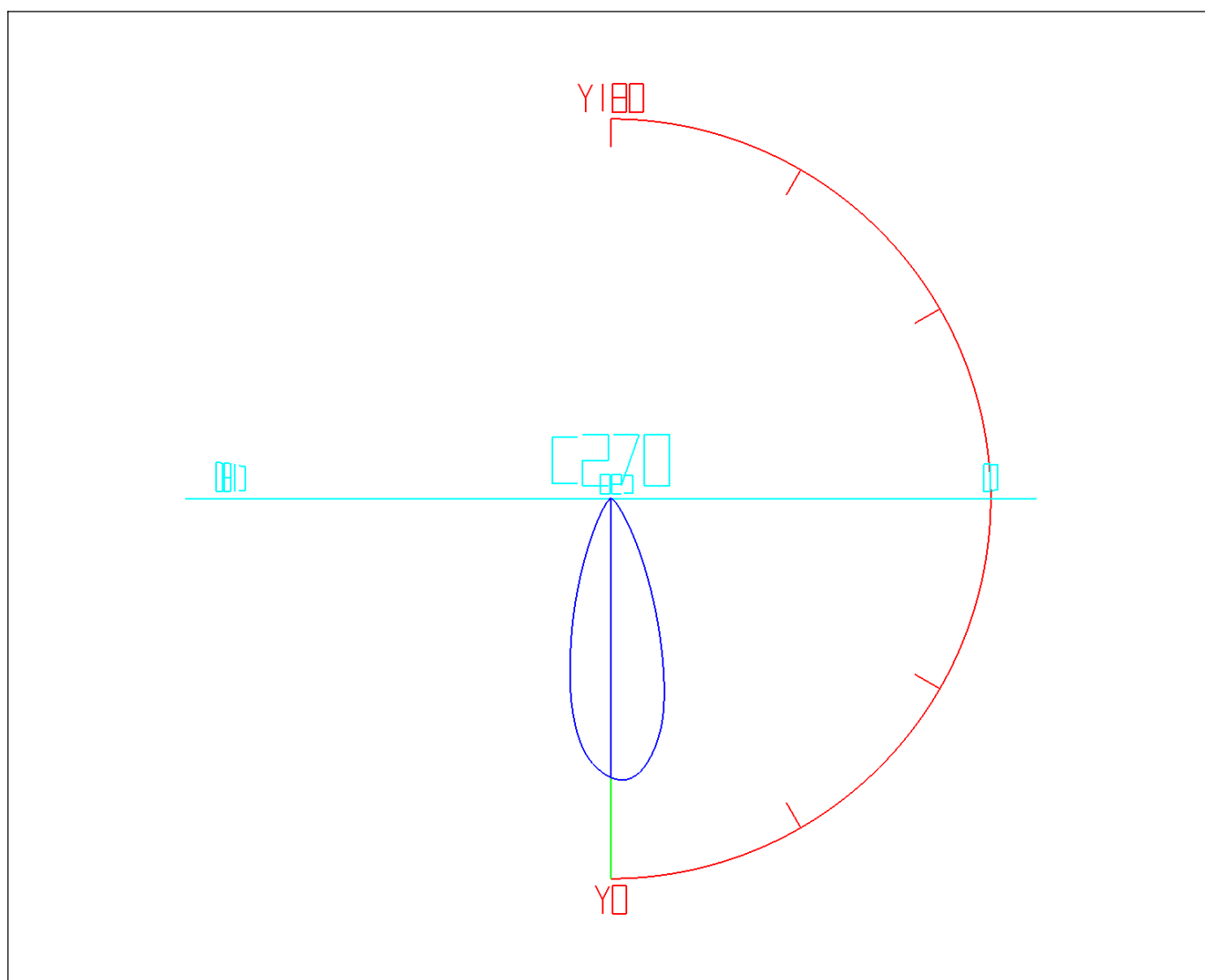
IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 36D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-09-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: 2019/12/13

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	1.63	1.63	0.19	0.19	47.0-48.0	3.45	767.32	0.40	87.86
1.0-2.0	4.87	6.50	0.56	0.74	48.0-49.0	3.26	770.58	0.37	88.23
2.0-3.0	8.07	14.57	0.92	1.67	49.0-50.0	3.08	773.66	0.35	88.58
3.0-4.0	11.21	25.77	1.28	2.95	50.0-51.0	2.92	776.57	0.33	88.92
4.0-5.0	14.24	40.01	1.63	4.58	51.0-52.0	2.76	779.34	0.32	89.23
5.0-6.0	17.12	57.13	1.96	6.54	52.0-53.0	2.62	781.96	0.30	89.53
6.0-7.0	19.82	76.96	2.27	8.81	53.0-54.0	2.48	784.44	0.28	89.82
7.0-8.0	22.30	99.26	2.55	11.36	54.0-55.0	2.35	786.78	0.27	90.09
8.0-9.0	24.52	123.78	2.81	14.17	55.0-56.0	2.22	789.01	0.25	90.34
9.0-10.0	26.47	150.25	3.03	17.20	56.0-57.0	2.10	791.10	0.24	90.58
10.0-11.0	28.12	178.38	3.22	20.42	57.0-58.0	1.98	793.09	0.23	90.81
11.0-12.0	29.45	207.83	3.37	23.80	58.0-59.0	1.87	794.96	0.21	91.02
12.0-13.0	30.41	238.24	3.48	27.28	59.0-60.0	1.76	796.72	0.20	91.22
13.0-14.0	30.97	269.21	3.55	30.82	60.0-61.0	1.66	798.38	0.19	91.41
14.0-15.0	31.11	300.32	3.56	34.39	61.0-62.0	1.56	799.94	0.18	91.59
15.0-16.0	30.92	331.25	3.54	37.93	62.0-63.0	1.46	801.41	0.17	91.76
16.0-17.0	30.45	361.69	3.49	41.41	63.0-64.0	1.37	802.78	0.16	91.92
17.0-18.0	29.72	391.41	3.40	44.82	64.0-65.0	1.28	804.05	0.15	92.06
18.0-19.0	28.78	420.18	3.29	48.11	65.0-66.0	1.19	805.24	0.14	92.20
19.0-20.0	27.65	447.84	3.17	51.28	66.0-67.0	1.10	806.34	0.13	92.33
20.0-21.0	26.37	474.21	3.02	54.30	67.0-68.0	1.02	807.36	0.12	92.44
21.0-22.0	24.96	499.17	2.86	57.16	68.0-69.0	0.94	808.30	0.11	92.55
22.0-23.0	23.47	522.65	2.69	59.84	69.0-70.0	0.87	809.17	0.10	92.65
23.0-24.0	21.95	544.60	2.51	62.36	70.0-71.0	0.81	809.98	0.09	92.74
24.0-25.0	20.44	565.04	2.34	64.70	71.0-72.0	0.75	810.73	0.09	92.83
25.0-26.0	18.95	583.99	2.17	66.87	72.0-73.0	0.70	811.43	0.08	92.91
26.0-27.0	17.51	601.50	2.00	68.87	73.0-74.0	0.65	812.08	0.07	92.98
27.0-28.0	16.12	617.62	1.85	70.72	74.0-75.0	0.61	812.69	0.07	93.05
28.0-29.0	14.81	632.43	1.70	72.41	75.0-76.0	0.56	813.25	0.06	93.12
29.0-30.0	13.59	646.02	1.56	73.97	76.0-77.0	0.52	813.77	0.06	93.18
30.0-31.0	12.45	658.47	1.43	75.39	77.0-78.0	0.49	814.27	0.06	93.23
31.0-32.0	11.38	669.85	1.30	76.70	78.0-79.0	0.47	814.73	0.05	93.29
32.0-33.0	10.41	680.27	1.19	77.89	79.0-80.0	0.45	815.18	0.05	93.34
33.0-34.0	9.53	689.79	1.09	78.98	80.0-81.0	0.43	815.61	0.05	93.39
34.0-35.0	8.73	698.53	1.00	79.98	81.0-82.0	0.42	816.03	0.05	93.44
35.0-36.0	8.02	706.54	0.92	80.90	82.0-83.0	0.40	816.43	0.05	93.48
36.0-37.0	7.37	713.92	0.84	81.74	83.0-84.0	0.39	816.82	0.04	93.53
37.0-38.0	6.79	720.70	0.78	82.52	84.0-85.0	0.37	817.19	0.04	93.57
38.0-39.0	6.26	726.96	0.72	83.24	85.0-86.0	0.36	817.55	0.04	93.61
39.0-40.0	5.79	732.75	0.66	83.90	86.0-87.0	0.35	817.90	0.04	93.65
40.0-41.0	5.37	738.12	0.61	84.52	87.0-88.0	0.33	818.23	0.04	93.69
41.0-42.0	5.00	743.12	0.57	85.09	88.0-89.0	0.32	818.55	0.04	93.72
42.0-43.0	4.68	747.80	0.54	85.62	89.0-90.0	0.31	818.86	0.04	93.76
43.0-44.0	4.39	752.19	0.50	86.13	90.0-91.0	0.30	819.16	0.03	93.79
44.0-45.0	4.13	756.32	0.47	86.60	91.0-92.0	0.29	819.45	0.03	93.83
45.0-46.0	3.88	760.20	0.44	87.04	92.0-93.0	0.28	819.74	0.03	93.86
46.0-47.0	3.66	763.86	0.42	87.46	93.0-94.0	0.28	820.02	0.03	93.89

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	820.29	0.03	93.92	141.0-142.0	0.26	830.38	0.03	95.08
95.0-96.0	0.26	820.55	0.03	93.95	142.0-143.0	0.27	830.65	0.03	95.11
96.0-97.0	0.26	820.81	0.03	93.98	143.0-144.0	0.27	830.92	0.03	95.14
97.0-98.0	0.25	821.06	0.03	94.01	144.0-145.0	0.27	831.19	0.03	95.17
98.0-99.0	0.25	821.30	0.03	94.04	145.0-146.0	0.27	831.46	0.03	95.20
99.0-100.0	0.24	821.54	0.03	94.07	146.0-147.0	0.27	831.73	0.03	95.23
100.0-101.0	0.23	821.78	0.03	94.09	147.0-148.0	0.27	832.01	0.03	95.27
101.0-102.0	0.23	822.01	0.03	94.12	148.0-149.0	0.27	832.28	0.03	95.30
102.0-103.0	0.22	822.23	0.03	94.15	149.0-150.0	0.27	832.55	0.03	95.33
103.0-104.0	0.22	822.45	0.03	94.17	150.0-151.0	0.27	832.82	0.03	95.36
104.0-105.0	0.22	822.67	0.02	94.20	151.0-152.0	0.27	833.09	0.03	95.39
105.0-106.0	0.21	822.88	0.02	94.22	152.0-153.0	0.26	833.36	0.03	95.42
106.0-107.0	0.21	823.09	0.02	94.24	153.0-154.0	0.26	833.62	0.03	95.45
107.0-108.0	0.20	823.29	0.02	94.27	154.0-155.0	0.26	833.87	0.03	95.48
108.0-109.0	0.20	823.49	0.02	94.29	155.0-156.0	0.25	834.12	0.03	95.51
109.0-110.0	0.20	823.69	0.02	94.31	156.0-157.0	0.25	834.37	0.03	95.54
110.0-111.0	0.20	823.89	0.02	94.34	157.0-158.0	0.24	834.61	0.03	95.56
111.0-112.0	0.19	824.08	0.02	94.36	158.0-159.0	0.23	834.84	0.03	95.59
112.0-113.0	0.19	824.27	0.02	94.38	159.0-160.0	0.22	835.06	0.03	95.62
113.0-114.0	0.19	824.46	0.02	94.40	160.0-161.0	0.22	835.28	0.02	95.64
114.0-115.0	0.19	824.65	0.02	94.42	161.0-162.0	0.21	835.49	0.02	95.66
115.0-116.0	0.19	824.83	0.02	94.44	162.0-163.0	0.20	835.68	0.02	95.69
116.0-117.0	0.19	825.02	0.02	94.47	163.0-164.0	0.19	835.87	0.02	95.71
117.0-118.0	0.19	825.21	0.02	94.49	164.0-165.0	0.18	836.05	0.02	95.73
118.0-119.0	0.18	825.39	0.02	94.51	165.0-166.0	0.17	836.21	0.02	95.75
119.0-120.0	0.18	825.58	0.02	94.53	166.0-167.0	0.16	836.37	0.02	95.76
120.0-121.0	0.19	825.76	0.02	94.55	167.0-168.0	0.14	836.51	0.02	95.78
121.0-122.0	0.19	825.95	0.02	94.57	168.0-169.0	0.13	836.65	0.02	95.80
122.0-123.0	0.19	826.14	0.02	94.59	169.0-170.0	0.12	836.77	0.01	95.81
123.0-124.0	0.19	826.33	0.02	94.61	170.0-171.0	0.11	836.88	0.01	95.82
124.0-125.0	0.19	826.52	0.02	94.64	171.0-172.0	0.10	836.98	0.01	95.83
125.0-126.0	0.19	826.71	0.02	94.66	172.0-173.0	0.09	837.07	0.01	95.84
126.0-127.0	0.20	826.91	0.02	94.68	173.0-174.0	0.08	837.15	0.01	95.85
127.0-128.0	0.20	827.11	0.02	94.70	174.0-175.0	0.07	837.21	0.01	95.86
128.0-129.0	0.20	827.31	0.02	94.73	175.0-176.0	0.05	837.27	0.01	95.87
129.0-130.0	0.21	827.52	0.02	94.75	176.0-177.0	0.04	837.31	0.00	95.87
130.0-131.0	0.21	827.73	0.02	94.78	177.0-178.0	0.03	837.34	0.00	95.88
131.0-132.0	0.22	827.95	0.02	94.80	178.0-179.0	0.02	837.36	0.00	95.88
132.0-133.0	0.22	828.17	0.03	94.83	179.0-180.0	0.01	837.36	0.00	95.88
133.0-134.0	0.23	828.40	0.03	94.85					
134.0-135.0	0.23	828.63	0.03	94.88					
135.0-136.0	0.24	828.87	0.03	94.91					
136.0-137.0	0.24	829.11	0.03	94.93					
137.0-138.0	0.25	829.36	0.03	94.96					
138.0-139.0	0.25	829.61	0.03	94.99					
139.0-140.0	0.25	829.86	0.03	95.02					
140.0-141.0	0.26	830.12	0.03	95.05					

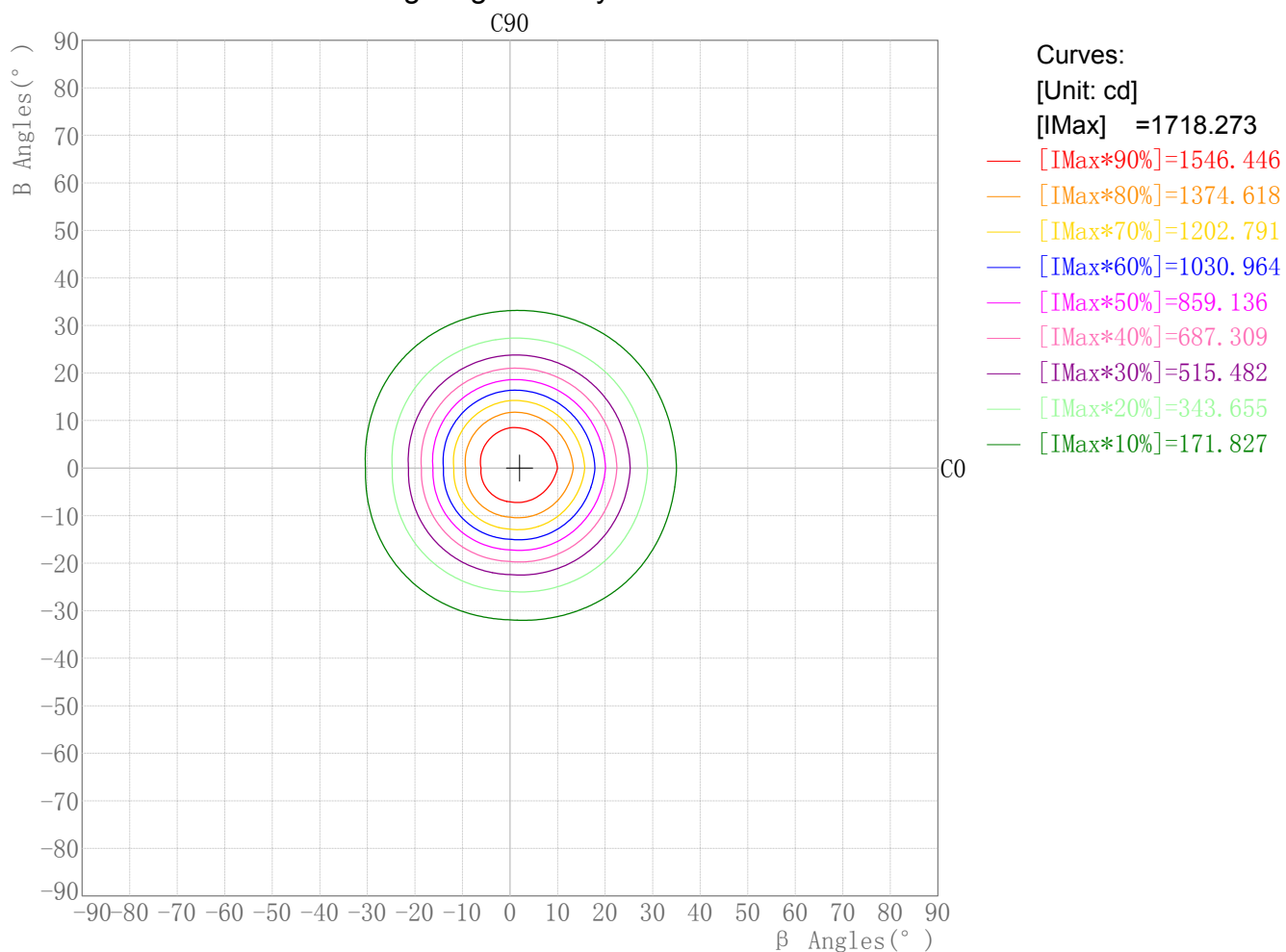
IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 36D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-09-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: 2019/12/13

ISO Lighting Intensity Curve



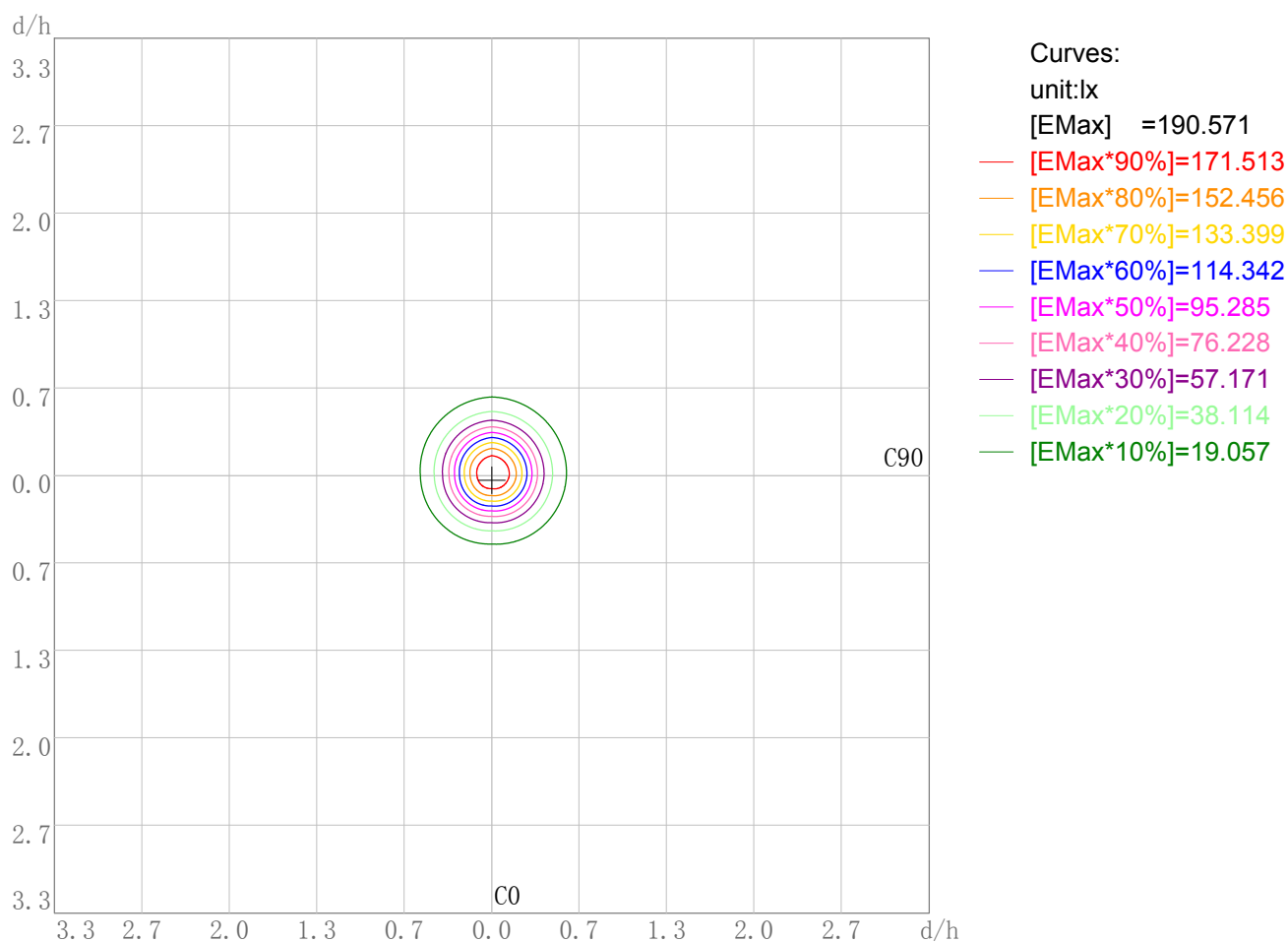
Maximum Light Intensity(cd): 1718.27

Maximum Cand.@Angle: H=2.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name: MD10-09-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: 2019/12/13

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

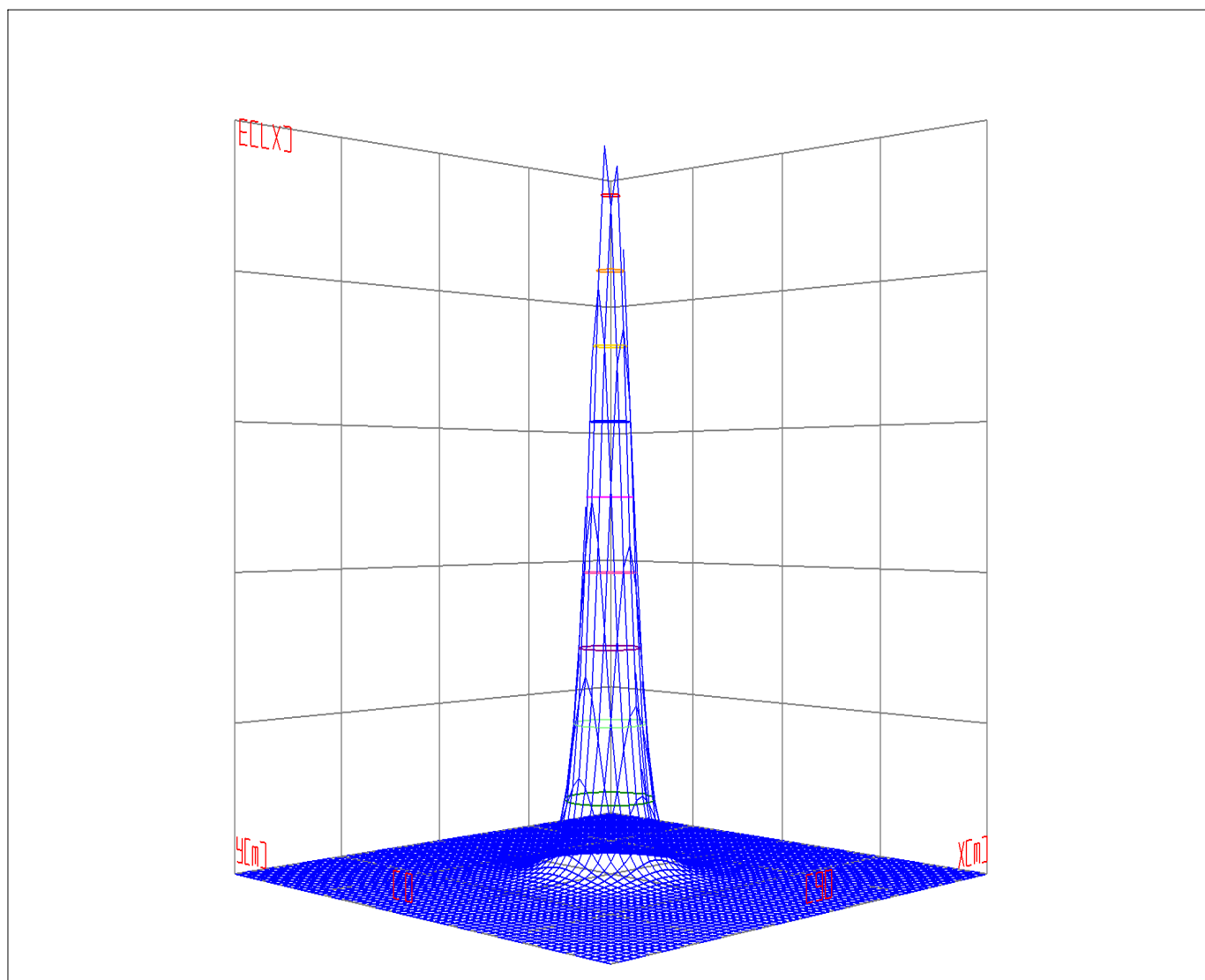
Working Plane Maximum Illuminance(lx): 190.57

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

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-09-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: 2019/12/13

3D Plane Illuminance Modal

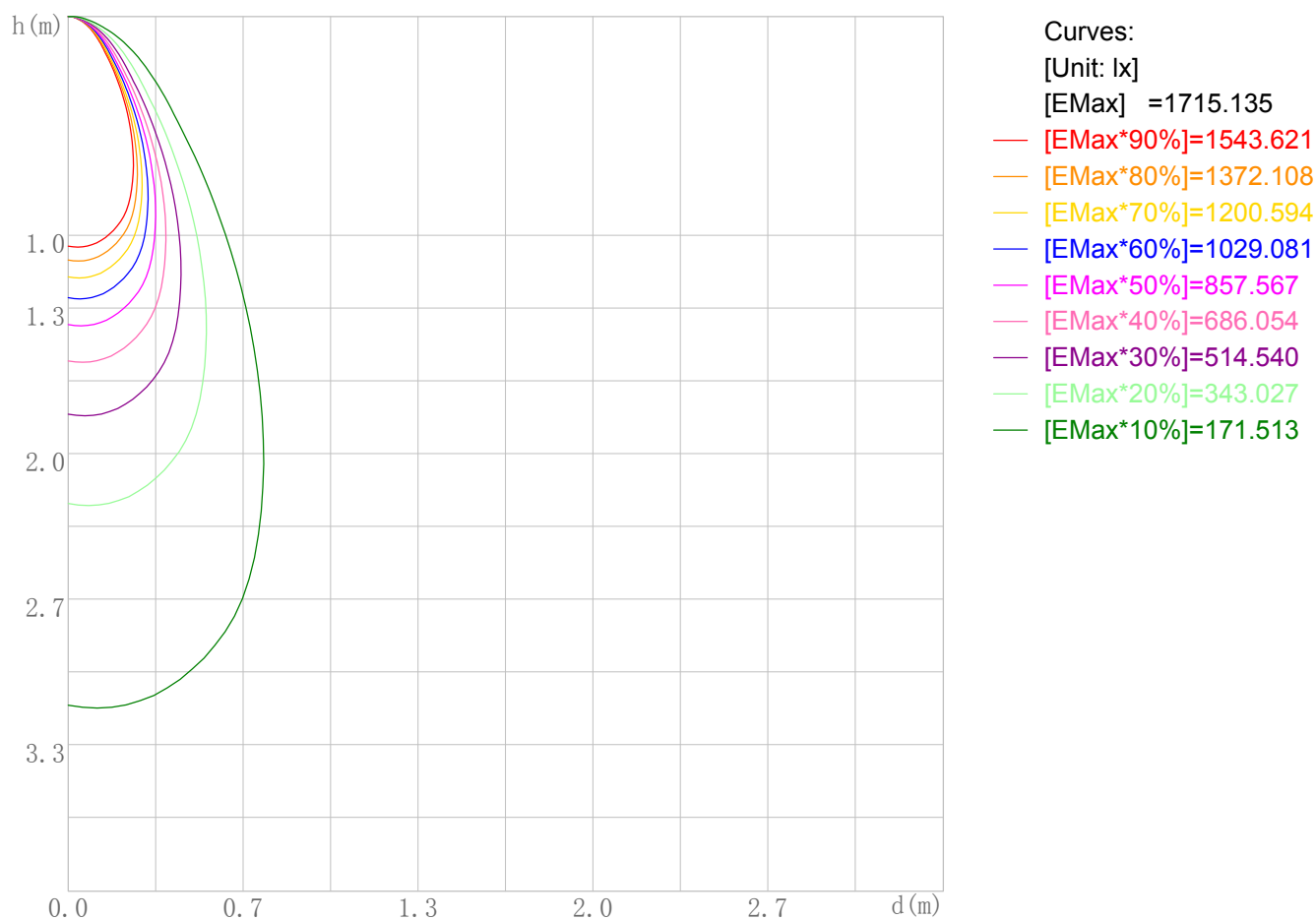


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-09-XX-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: 2019/12/13

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1715.13lx,2.0deg

Plane Maximum Lighting Intensity and @Angle:1718.273cd,0deg

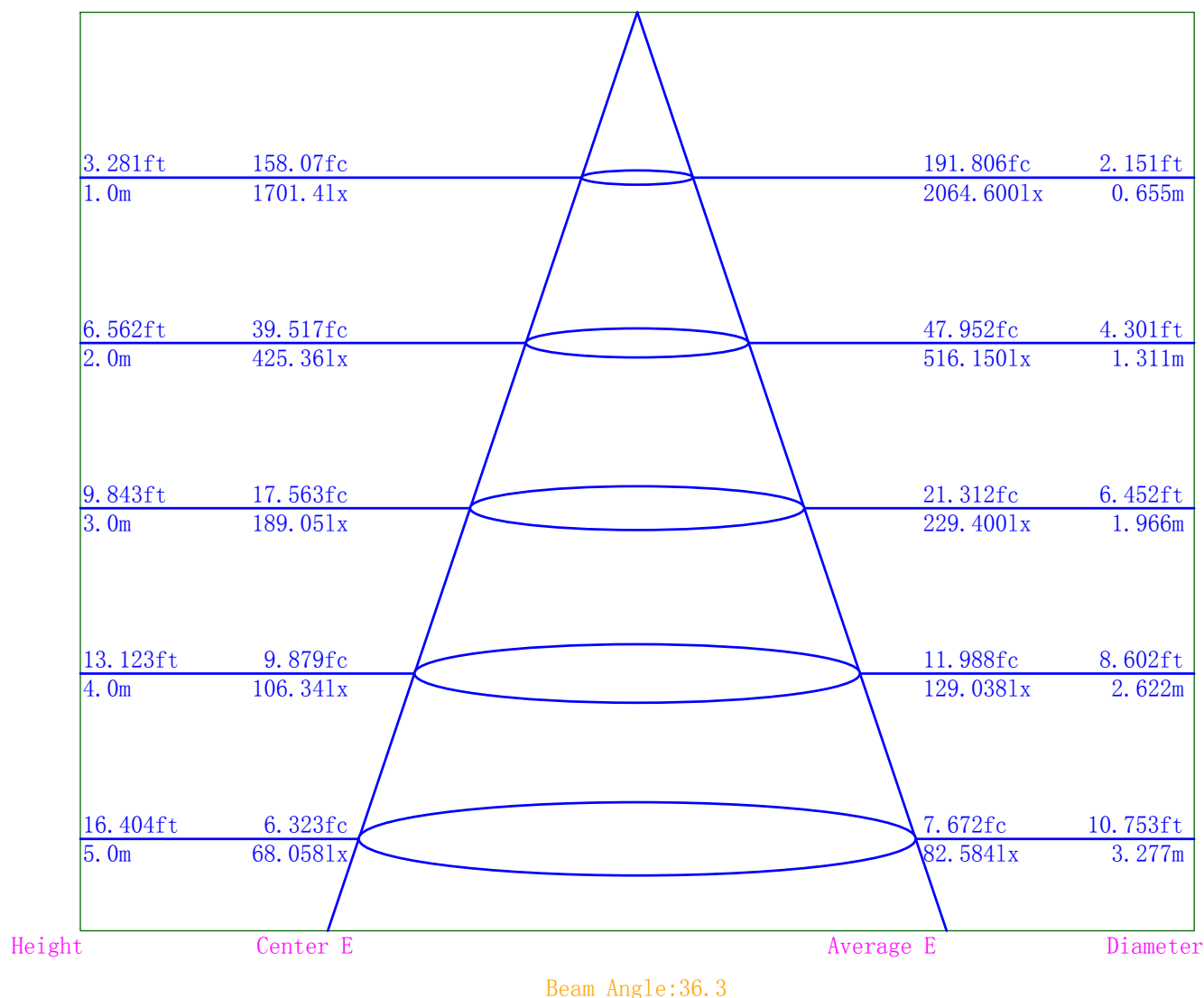
IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 36D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-09-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: 2019/12/13

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 36D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-09-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: 2019/12/13

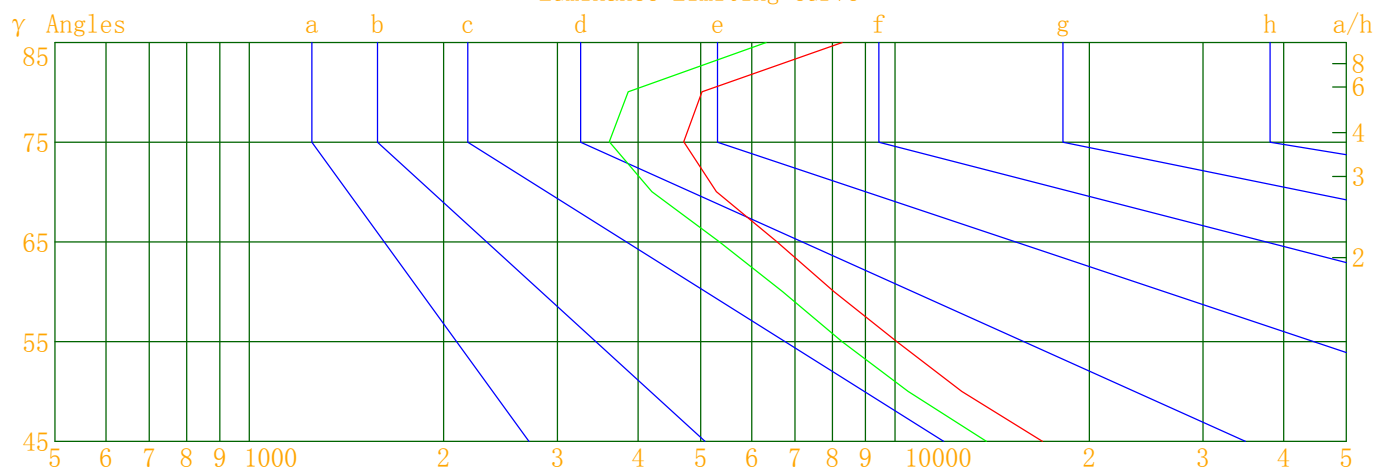
Glare Grade Table

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	16925	12688	10057	8040	6558	5288	4708	5025	8284
C90	13858	10480	8273	6696	5342	4203	3609	3863	6317

Luminance Limiting Curve



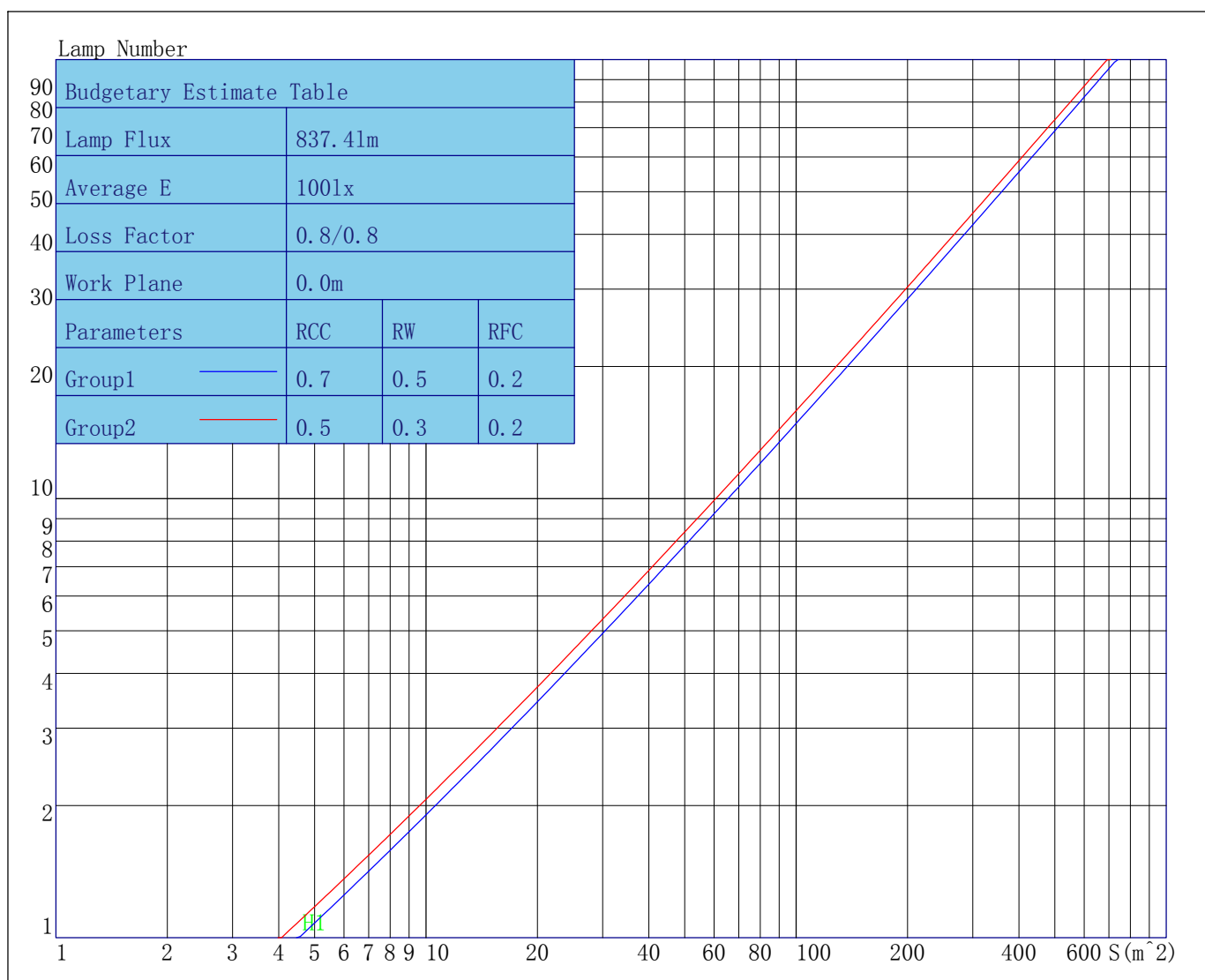
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.060 Area(m²)=0.005500
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 36D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-09-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: 2019/12/13



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-01 2700K RA90 36D.IES

Indoor Coefficient of Utilization Table

Lum. Name: MD10-09-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: 2019/12/13

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	114	114	114	114	111	111	111	111	105	105	105	100	100	100	96	96	96	94
1	108	106	103	101	106	103	101	99	99	97	96	95	94	93	92	91	90	88
2	103	99	95	92	101	97	93	90	93	91	88	90	88	86	87	85	84	82
3	98	92	88	84	96	91	87	83	88	85	82	86	83	80	83	81	79	77
4	94	87	82	78	92	86	81	78	84	80	76	81	78	75	79	77	74	73
5	90	82	77	73	88	81	76	73	79	75	72	77	74	71	76	73	70	69
6	86	78	73	69	84	77	72	68	75	71	68	74	70	67	73	69	67	65
7	82	74	69	65	81	73	68	65	72	67	64	71	67	64	69	66	63	62
8	79	71	65	62	78	70	65	61	69	64	61	68	64	61	67	63	60	59
9	76	67	62	59	75	67	62	59	66	61	58	65	61	58	64	60	58	56
10	73	64	59	56	72	64	59	56	63	59	56	62	58	55	61	58	55	54

IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 36D.IES

Unified Glare Rating Table

Lum. Name: MD10-09-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: 2019/12/13

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	17.5	18.4	17.9	18.8	19.2	16.4	17.3	16.8	17.7	18.1
	17.8	18.6	18.2	19.0	19.4	16.7	17.5	17.1	17.9	18.3
	17.9	18.7	18.3	19.1	19.5	16.8	17.5	17.2	17.9	18.4
	18.0	18.7	18.5	19.1	19.6	16.8	17.5	17.3	18.0	18.4
	18.1	18.7	18.6	19.2	19.7	16.9	17.6	17.4	18.0	18.5
	18.2	18.8	18.7	19.3	19.8	17.0	17.6	17.5	18.1	18.5
X=4H Y=2H	17.5	18.2	17.9	18.6	19.1	16.4	17.2	16.9	17.6	18.1
	17.9	18.5	18.4	19.0	19.4	16.8	17.5	17.3	17.9	18.4
	18.1	18.6	18.6	19.1	19.6	17.0	17.5	17.5	18.0	18.5
	18.3	18.8	18.8	19.3	19.8	17.2	17.6	17.7	18.1	18.7
	18.5	18.9	19.0	19.4	19.9	17.3	17.7	17.8	18.2	18.7
	18.7	19.1	19.2	19.6	20.1	17.5	17.8	18.0	18.4	18.9
X=8H Y=4H	18.1	18.5	18.6	19.0	19.5	17.0	17.4	17.5	17.9	18.4
	18.4	18.7	19.0	19.3	19.8	17.3	17.6	17.8	18.1	18.7
	18.7	18.9	19.2	19.5	20.0	17.5	17.8	18.1	18.3	18.9
	19.0	19.3	19.6	19.8	20.5	17.8	18.1	18.4	18.6	19.2
X=12H Y=4H	18.0	18.4	18.6	18.9	19.5	16.9	17.3	17.5	17.8	18.4
	18.4	18.7	19.0	19.2	19.8	17.3	17.6	17.9	18.1	18.7
	18.7	19.0	19.3	19.5	20.1	17.6	17.8	18.1	18.3	19.0
Variations with the objerver position at spacings										
S=1.0H	0.1/-0.1					0.2/-0.2				
S=1.5H	0.4/-0.4					0.5/-0.5				
S=2.0H	1.0/-0.7					1.1/-0.9				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	1.4					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	1701.45	1701.45	1701.45	1701.45
γ 1.0	1712.38	1704.65	1686.87	1692.74
γ 2.0	1718.27	1703.65	1667.64	1682.60
γ 3.0	1718.03	1697.35	1643.85	1667.92
γ 4.0	1712.09	1684.30	1619.11	1649.27
γ 5.0	1697.98	1661.95	1588.01	1623.20
γ 6.0	1681.10	1637.34	1551.31	1590.91
γ 7.0	1653.36	1605.60	1505.11	1551.19
γ 8.0	1623.13	1567.95	1454.44	1503.01
γ 9.0	1584.97	1523.82	1395.44	1451.01
γ 10.0	1545.71	1474.32	1331.69	1393.88
γ 11.0	1499.04	1417.95	1263.62	1332.41
γ 12.0	1450.64	1357.33	1189.87	1265.87
γ 13.0	1394.21	1290.72	1111.78	1190.70
γ 14.0	1330.61	1218.19	1030.79	1110.10
γ 15.0	1258.85	1138.72	950.34	1028.16
γ 16.0	1182.23	1059.31	874.59	949.37
γ 17.0	1100.75	979.57	801.38	873.35
γ 18.0	1020.22	902.79	730.58	800.80
γ 19.0	940.03	828.69	662.15	730.70
γ 20.0	865.20	756.58	596.93	663.46
γ 21.0	790.30	686.83	535.79	598.12
γ 22.0	720.09	620.75	478.66	537.91
γ 23.0	651.77	558.66	425.52	481.74
γ 24.0	588.20	502.66	376.90	430.76
γ 25.0	530.52	449.56	333.42	384.09
γ 26.0	477.14	400.93	294.79	341.43
γ 27.0	427.44	356.55	260.60	303.27
γ 28.0	382.01	316.96	230.34	269.80
γ 29.0	340.85	280.84	203.67	240.50
γ 30.0	304.06	249.05	179.94	214.41
γ 31.0	270.43	220.83	159.14	191.04
γ 32.0	240.81	196.16	140.87	170.21
γ 33.0	214.73	174.42	125.11	151.32
γ 34.0	191.97	155.67	111.35	134.82
γ 35.0	172.01	138.82	99.46	120.57
γ 36.0	154.24	124.34	89.35	108.45
γ 37.0	137.93	111.82	80.40	97.68
γ 38.0	123.74	100.84	72.56	88.43
γ 39.0	111.21	91.17	65.52	80.18
γ 40.0	100.54	82.77	59.31	73.01
γ 41.0	91.56	75.46	53.93	66.68
γ 42.0	83.72	69.03	49.38	61.12
γ 43.0	77.09	63.28	45.40	56.14
γ 44.0	71.30	58.26	41.91	51.72
γ 45.0	65.82	53.90	38.77	47.77
γ 46.0	60.93	50.01	35.91	44.23

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	56.35	46.33	33.35	41.10
γ 48.0	52.17	42.96	31.09	38.37
γ 49.0	48.26	39.86	29.04	35.80
γ 50.0	44.85	37.05	27.16	33.52
γ 51.0	41.80	34.51	25.38	31.42
γ 52.0	39.08	32.22	23.77	29.47
γ 53.0	36.45	29.98	22.24	27.62
γ 54.0	33.99	27.99	20.84	25.93
γ 55.0	31.73	26.10	19.52	24.28
γ 56.0	29.57	24.37	18.25	22.79
γ 57.0	27.48	22.72	17.09	21.38
γ 58.0	25.54	21.22	15.99	20.03
γ 59.0	23.73	19.77	14.94	18.76
γ 60.0	22.11	18.41	13.95	17.58
γ 61.0	20.60	17.17	13.01	16.42
γ 62.0	19.16	15.90	12.07	15.33
γ 63.0	17.79	14.70	11.19	14.30
γ 64.0	16.50	13.56	10.32	13.28
γ 65.0	15.24	12.42	9.56	12.30
γ 66.0	14.07	11.43	8.84	11.42
γ 67.0	12.93	10.41	8.01	10.53
γ 68.0	11.93	9.44	7.46	9.71
γ 69.0	10.76	8.56	6.95	8.85
γ 70.0	9.95	7.91	6.45	8.26
γ 71.0	9.19	7.24	5.98	7.70
γ 72.0	8.49	6.64	5.53	7.13
γ 73.0	7.85	6.09	5.11	6.64
γ 74.0	7.24	5.61	4.75	6.20
γ 75.0	6.70	5.14	4.39	5.78
γ 76.0	6.20	4.71	4.11	5.39
γ 77.0	5.73	4.33	3.88	5.03
γ 78.0	5.31	4.04	3.71	4.76
γ 79.0	5.02	3.84	3.56	4.56
γ 80.0	4.80	3.69	3.41	4.39
γ 81.0	4.61	3.54	3.28	4.22
γ 82.0	4.43	3.40	3.15	4.07
γ 83.0	4.27	3.27	3.03	3.90
γ 84.0	4.11	3.14	2.91	3.78
γ 85.0	3.97	3.03	2.81	3.64
γ 86.0	3.82	2.91	2.68	3.51
γ 87.0	3.68	2.79	2.57	3.35
γ 88.0	3.52	2.67	2.49	3.22
γ 89.0	3.37	2.57	2.41	3.12
γ 90.0	3.24	2.48	2.34	3.04
γ 91.0	3.15	2.42	2.29	2.95
γ 92.0	3.06	2.35	2.22	2.87
γ 93.0	2.98	2.29	2.18	2.80

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.91	2.23	2.13	2.74
γ 95.0	2.83	2.19	2.08	2.68
γ 96.0	2.76	2.13	2.05	2.61
γ 97.0	2.70	2.09	2.00	2.56
γ 98.0	2.63	2.05	1.96	2.50
γ 99.0	2.58	2.00	1.93	2.45
γ 100.0	2.52	1.96	1.91	2.40
γ 101.0	2.46	1.92	1.88	2.36
γ 102.0	2.41	1.88	1.86	2.32
γ 103.0	2.35	1.86	1.83	2.28
γ 104.0	2.31	1.82	1.80	2.25
γ 105.0	2.27	1.79	1.80	2.22
γ 106.0	2.23	1.76	1.78	2.19
γ 107.0	2.19	1.75	1.77	2.16
γ 108.0	2.16	1.73	1.76	2.14
γ 109.0	2.12	1.70	1.76	2.12
γ 110.0	2.09	1.68	1.76	2.11
γ 111.0	2.06	1.67	1.76	2.10
γ 112.0	2.04	1.65	1.77	2.09
γ 113.0	2.01	1.65	1.78	2.09
γ 114.0	2.00	1.64	1.79	2.09
γ 115.0	1.98	1.65	1.82	2.09
γ 116.0	1.96	1.64	1.85	2.10
γ 117.0	1.96	1.65	1.87	2.11
γ 118.0	1.95	1.65	1.90	2.13
γ 119.0	1.95	1.66	1.95	2.14
γ 120.0	1.96	1.69	1.98	2.18
γ 121.0	1.97	1.71	2.04	2.21
γ 122.0	1.98	1.73	2.10	2.25
γ 123.0	2.00	1.77	2.15	2.29
γ 124.0	2.02	1.81	2.21	2.34
γ 125.0	2.05	1.85	2.29	2.40
γ 126.0	2.09	1.90	2.37	2.46
γ 127.0	2.13	1.97	2.46	2.54
γ 128.0	2.17	2.02	2.56	2.62
γ 129.0	2.23	2.11	2.66	2.70
γ 130.0	2.30	2.18	2.76	2.79
γ 131.0	2.36	2.26	2.87	2.89
γ 132.0	2.45	2.36	2.99	2.99
γ 133.0	2.53	2.45	3.11	3.09
γ 134.0	2.63	2.56	3.23	3.20
γ 135.0	2.73	2.68	3.37	3.31
γ 136.0	2.83	2.78	3.49	3.44
γ 137.0	2.94	2.90	3.63	3.56
γ 138.0	3.05	3.03	3.77	3.69
γ 139.0	3.18	3.17	3.87	3.82
γ 140.0	3.30	3.31	4.03	3.95

IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 36D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.43	3.43	4.18	4.07
γ 142.0	3.56	3.57	4.31	4.21
γ 143.0	3.69	3.70	4.44	4.33
γ 144.0	3.82	3.85	4.58	4.47
γ 145.0	3.96	3.99	4.72	4.61
γ 146.0	4.10	4.11	4.86	4.74
γ 147.0	4.23	4.24	4.98	4.85
γ 148.0	4.38	4.37	5.10	4.97
γ 149.0	4.50	4.51	5.21	5.09
γ 150.0	4.62	4.63	5.34	5.20
γ 151.0	4.77	4.75	5.44	5.31
γ 152.0	4.89	4.87	5.55	5.41
γ 153.0	5.00	4.99	5.64	5.51
γ 154.0	5.13	5.09	5.72	5.60
γ 155.0	5.23	5.20	5.81	5.69
γ 156.0	5.35	5.29	5.89	5.76
γ 157.0	5.44	5.38	5.95	5.83
γ 158.0	5.54	5.47	6.01	5.88
γ 159.0	5.63	5.56	6.06	5.94
γ 160.0	5.71	5.64	6.10	5.99
γ 161.0	5.78	5.70	6.14	6.02
γ 162.0	5.85	5.76	6.16	6.05
γ 163.0	5.90	5.80	6.18	6.07
γ 164.0	5.95	5.85	6.21	6.08
γ 165.0	6.00	5.89	6.22	6.10
γ 166.0	6.04	5.92	6.23	6.11
γ 167.0	6.07	5.95	6.24	6.13
γ 168.0	6.10	5.98	6.24	6.13
γ 169.0	6.13	6.00	6.26	6.14
γ 170.0	6.16	6.01	6.27	6.14
γ 171.0	6.18	6.02	6.28	6.15
γ 172.0	6.20	6.05	6.28	6.17
γ 173.0	6.22	6.07	6.30	6.18
γ 174.0	6.25	6.09	6.30	6.20
γ 175.0	6.28	6.11	6.33	6.21
γ 176.0	6.30	6.14	6.34	6.23
γ 177.0	6.32	6.18	6.35	6.25
γ 178.0	6.34	6.19	6.36	6.27
γ 179.0	6.36	6.20	6.37	6.28
γ 180.0	6.33	6.33	6.33	6.33