

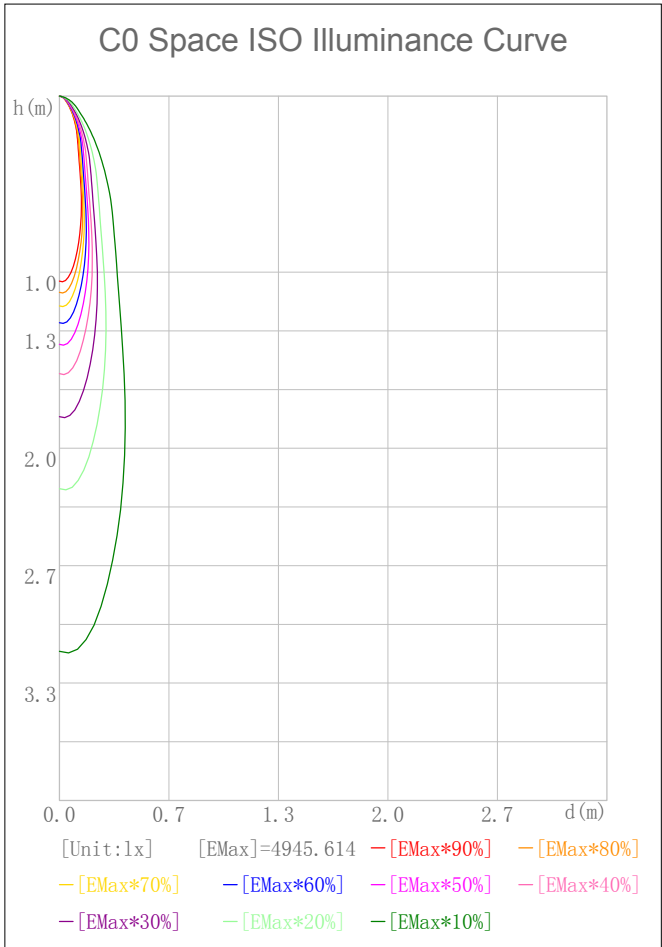
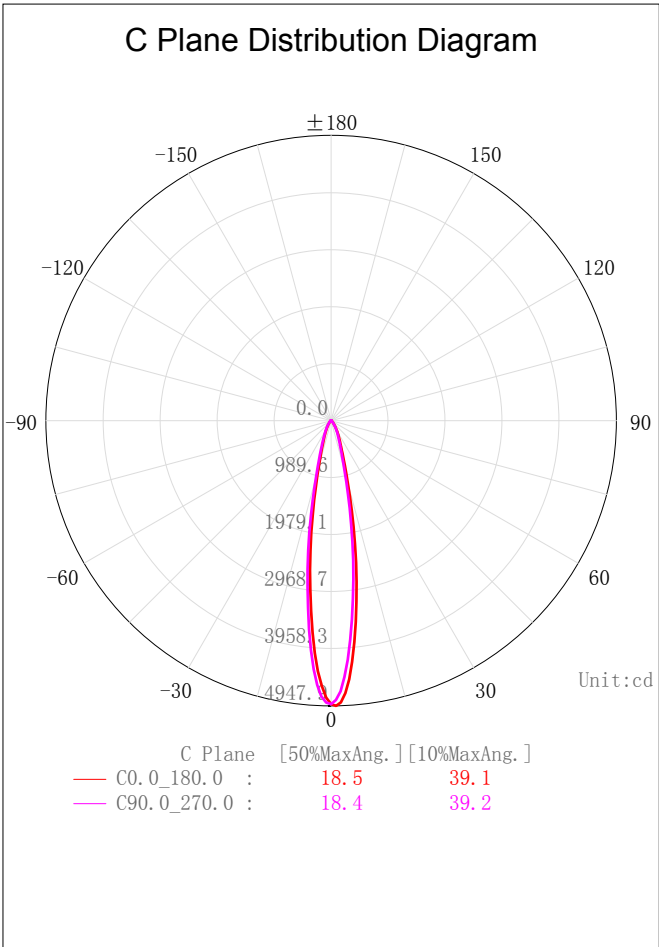
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-09-XX-01 4000K RA90 15D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/12/14
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): 853.100	Luminary Flux(lm): 853.097	Field Angle(10%Imax): 39.1(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 850.951lm 99.75%	
Rated Voltage(V):	Luminary EER(lm/W): 92.537	Up Lumens&Percent: 2.147lm 0.25%	
Tested Power(W): 9.219	Max. Candela(cd): 4947.874	S/MH: C0_a180=0.317 C90_270=0.315	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.4, 0.041, 0.927	Beam Angle(50%Imax): 18.5(°)	ErP ϕ use(90°): 796.093lm	
Lamp Size (W*L*H):0.050m*0.050m*0.060m	Left=-8.4°, Right=10.1°	IRF(%): 1156.980	



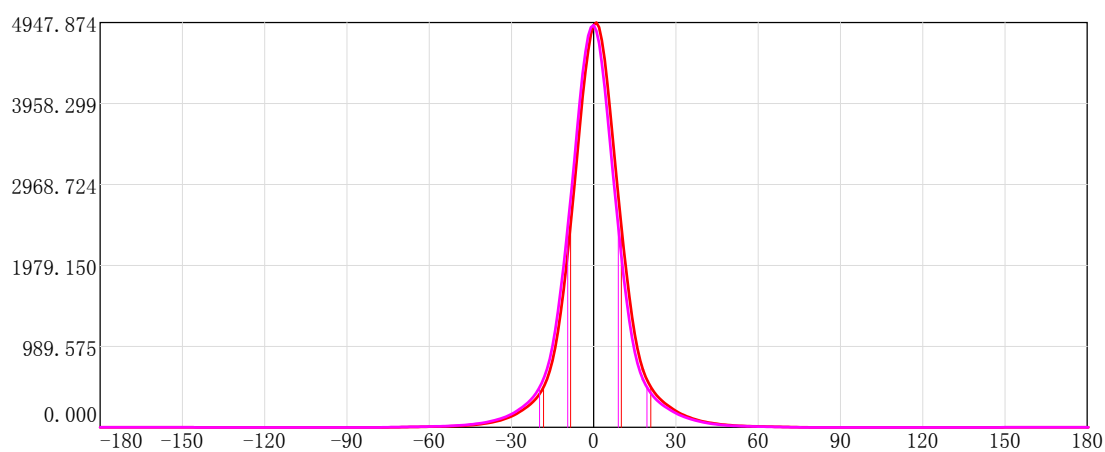
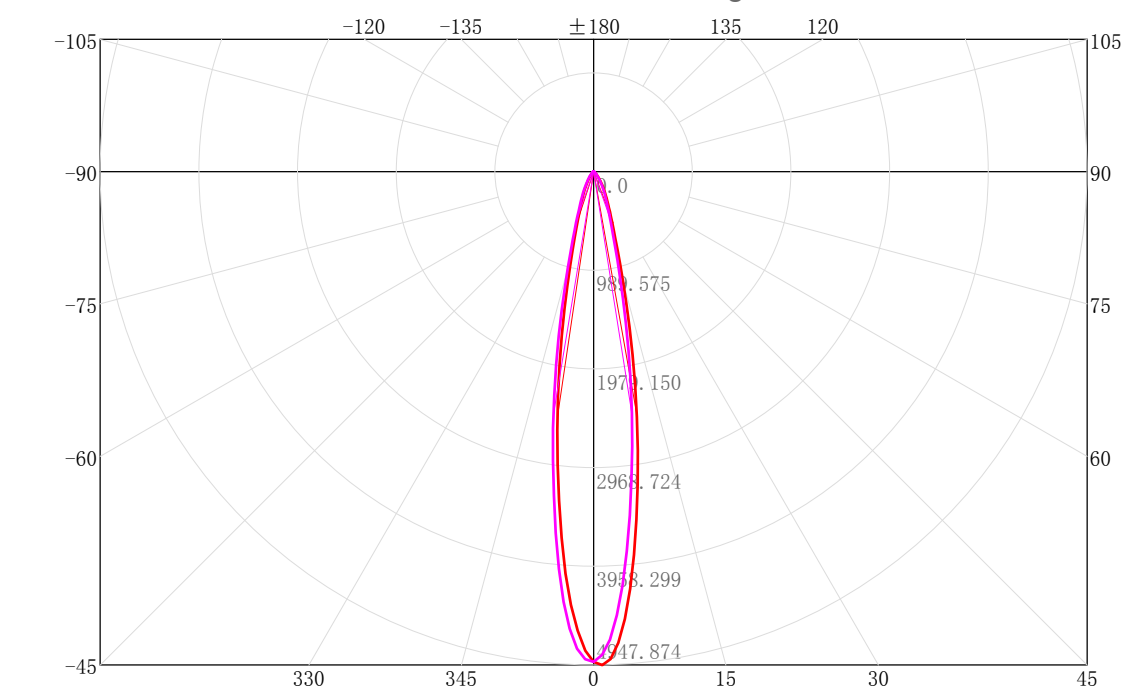
IES Indoor Report

Photometric Filename:MD10-09-XX-01 4000K RA90 15D IES.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-09-XX-01 4000K RA90 15D	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: 2019/12/14

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
— C0.0_180.0 : 18.5 39.1
— C90.0_270.0 : 18.4 39.2

Unit:cd

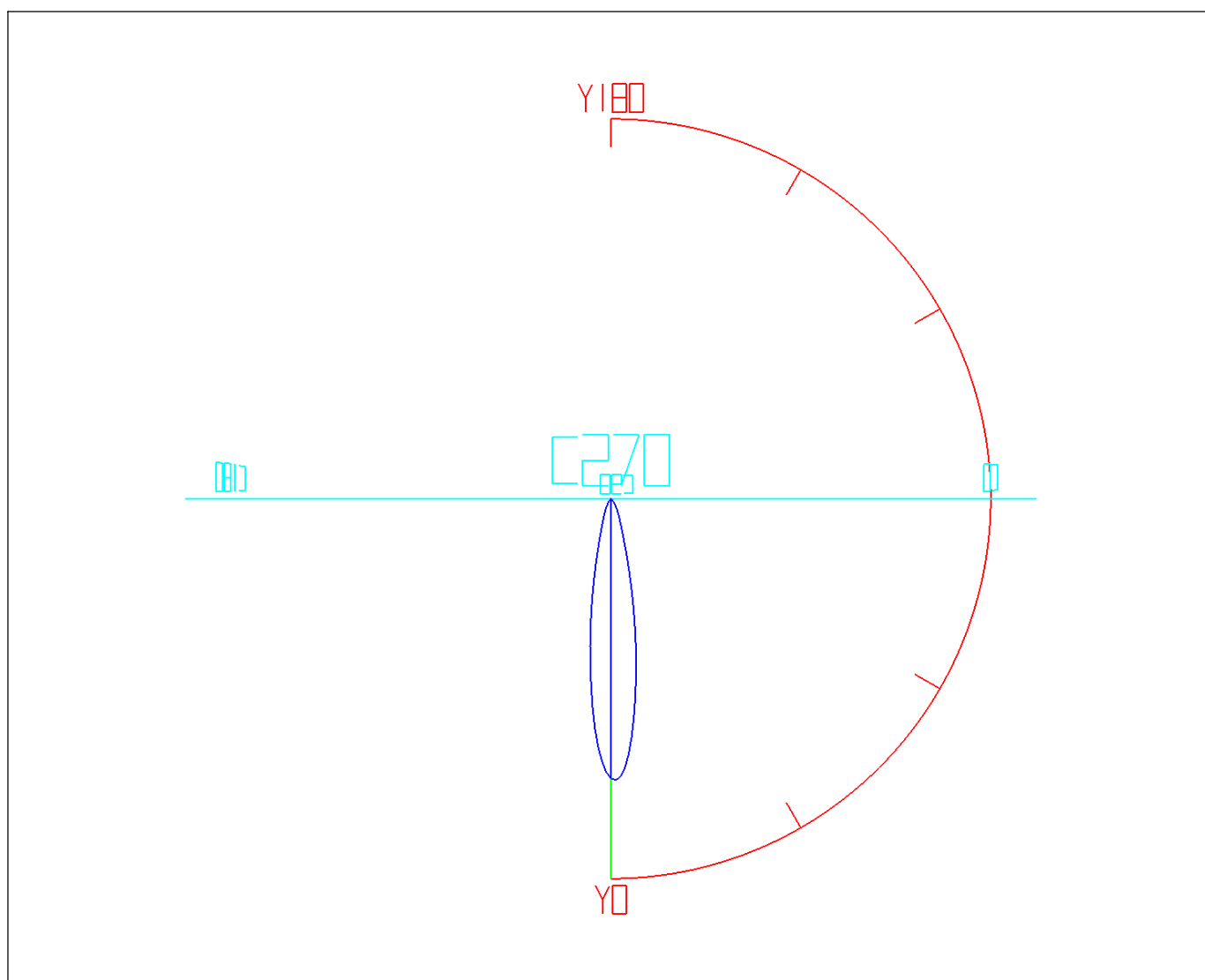
IES Indoor Report

Photometric Filename:MD10-09-XX-01 4000K RA90 15D IES.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-09-XX-01 4000K RA90 15D	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: 2019/12/14

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	4.68	4.68	0.55	0.55	47.0-48.0	2.27	823.60	0.27	96.54
1.0-2.0	13.80	18.48	1.62	2.17	48.0-49.0	2.09	825.69	0.24	96.79
2.0-3.0	22.18	40.67	2.60	4.77	49.0-50.0	1.93	827.62	0.23	97.01
3.0-4.0	29.41	70.07	3.45	8.21	50.0-51.0	1.80	829.42	0.21	97.22
4.0-5.0	35.19	105.26	4.12	12.34	51.0-52.0	1.68	831.09	0.20	97.42
5.0-6.0	39.41	144.67	4.62	16.96	52.0-53.0	1.57	832.66	0.18	97.60
6.0-7.0	42.13	186.80	4.94	21.90	53.0-54.0	1.48	834.14	0.17	97.78
7.0-8.0	43.58	230.38	5.11	27.00	54.0-55.0	1.39	835.53	0.16	97.94
8.0-9.0	43.90	274.27	5.15	32.15	55.0-56.0	1.31	836.84	0.15	98.09
9.0-10.0	43.10	317.37	5.05	37.20	56.0-57.0	1.24	838.08	0.15	98.24
10.0-11.0	41.28	358.65	4.84	42.04	57.0-58.0	1.18	839.26	0.14	98.38
11.0-12.0	38.69	397.34	4.53	46.58	58.0-59.0	1.12	840.38	0.13	98.51
12.0-13.0	35.60	432.94	4.17	50.75	59.0-60.0	1.06	841.43	0.12	98.63
13.0-14.0	32.32	465.26	3.79	54.54	60.0-61.0	1.00	842.43	0.12	98.75
14.0-15.0	29.09	494.35	3.41	57.95	61.0-62.0	0.94	843.37	0.11	98.86
15.0-16.0	26.15	520.50	3.07	61.01	62.0-63.0	0.88	844.25	0.10	98.96
16.0-17.0	23.62	544.12	2.77	63.78	63.0-64.0	0.83	845.08	0.10	99.06
17.0-18.0	21.51	565.64	2.52	66.30	64.0-65.0	0.78	845.86	0.09	99.15
18.0-19.0	19.76	585.40	2.32	68.62	65.0-66.0	0.72	846.58	0.08	99.24
19.0-20.0	18.26	603.66	2.14	70.76	66.0-67.0	0.66	847.25	0.08	99.31
20.0-21.0	16.98	620.64	1.99	72.75	67.0-68.0	0.60	847.85	0.07	99.38
21.0-22.0	15.88	636.52	1.86	74.61	68.0-69.0	0.54	848.39	0.06	99.45
22.0-23.0	14.92	651.44	1.75	76.36	69.0-70.0	0.48	848.88	0.06	99.51
23.0-24.0	14.06	665.50	1.65	78.01	70.0-71.0	0.43	849.31	0.05	99.56
24.0-25.0	13.27	678.77	1.56	79.57	71.0-72.0	0.38	849.69	0.04	99.60
25.0-26.0	12.52	691.29	1.47	81.03	72.0-73.0	0.33	850.02	0.04	99.64
26.0-27.0	11.79	703.08	1.38	82.41	73.0-74.0	0.28	850.30	0.03	99.67
27.0-28.0	11.05	714.13	1.30	83.71	74.0-75.0	0.23	850.53	0.03	99.70
28.0-29.0	10.31	724.44	1.21	84.92	75.0-76.0	0.17	850.70	0.02	99.72
29.0-30.0	9.59	734.03	1.12	86.04	76.0-77.0	0.11	850.81	0.01	99.73
30.0-31.0	8.91	742.94	1.04	87.09	77.0-78.0	0.07	850.88	0.01	99.74
31.0-32.0	8.27	751.21	0.97	88.06	78.0-79.0	0.04	850.92	0.00	99.74
32.0-33.0	7.68	758.89	0.90	88.96	79.0-80.0	0.02	850.94	0.00	99.75
33.0-34.0	7.12	766.01	0.83	89.79	80.0-81.0	0.01	850.95	0.00	99.75
34.0-35.0	6.59	772.60	0.77	90.56	81.0-82.0	0.00	850.95	0.00	99.75
35.0-36.0	6.10	778.70	0.72	91.28	82.0-83.0	0.00	850.95	0.00	99.75
36.0-37.0	5.64	784.34	0.66	91.94	83.0-84.0	0.00	850.95	0.00	99.75
37.0-38.0	5.21	789.55	0.61	92.55	84.0-85.0	0.00	850.95	0.00	99.75
38.0-39.0	4.81	794.36	0.56	93.11	85.0-86.0	0.00	850.95	0.00	99.75
39.0-40.0	4.43	798.79	0.52	93.63	86.0-87.0	0.00	850.95	0.00	99.75
40.0-41.0	4.08	802.87	0.48	94.11	87.0-88.0	0.00	850.95	0.00	99.75
41.0-42.0	3.76	806.63	0.44	94.55	88.0-89.0	0.00	850.95	0.00	99.75
42.0-43.0	3.46	810.09	0.41	94.96	89.0-90.0	0.00	850.95	0.00	99.75
43.0-44.0	3.18	813.26	0.37	95.33	90.0-91.0	0.00	850.95	0.00	99.75
44.0-45.0	2.92	816.18	0.34	95.67	91.0-92.0	0.00	850.95	0.00	99.75
45.0-46.0	2.68	818.87	0.31	95.99	92.0-93.0	0.00	850.95	0.00	99.75
46.0-47.0	2.46	821.33	0.29	96.28	93.0-94.0	0.00	850.95	0.00	99.75

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	0.00	850.95	0.00	99.75	141.0-142.0	0.00	850.95	0.00	99.75
95.0-96.0	0.00	850.95	0.00	99.75	142.0-143.0	0.01	850.97	0.00	99.75
96.0-97.0	0.00	850.95	0.00	99.75	143.0-144.0	0.02	850.98	0.00	99.75
97.0-98.0	0.00	850.95	0.00	99.75	144.0-145.0	0.03	851.01	0.00	99.75
98.0-99.0	0.00	850.95	0.00	99.75	145.0-146.0	0.04	851.05	0.00	99.76
99.0-100.0	0.00	850.95	0.00	99.75	146.0-147.0	0.05	851.10	0.01	99.77
100.0-101.0	0.00	850.95	0.00	99.75	147.0-148.0	0.06	851.15	0.01	99.77
101.0-102.0	0.00	850.95	0.00	99.75	148.0-149.0	0.07	851.22	0.01	99.78
102.0-103.0	0.00	850.95	0.00	99.75	149.0-150.0	0.07	851.30	0.01	99.79
103.0-104.0	0.00	850.95	0.00	99.75	150.0-151.0	0.08	851.38	0.01	99.80
104.0-105.0	0.00	850.95	0.00	99.75	151.0-152.0	0.08	851.46	0.01	99.81
105.0-106.0	0.00	850.95	0.00	99.75	152.0-153.0	0.09	851.55	0.01	99.82
106.0-107.0	0.00	850.95	0.00	99.75	153.0-154.0	0.09	851.64	0.01	99.83
107.0-108.0	0.00	850.95	0.00	99.75	154.0-155.0	0.09	851.73	0.01	99.84
108.0-109.0	0.00	850.95	0.00	99.75	155.0-156.0	0.09	851.82	0.01	99.85
109.0-110.0	0.00	850.95	0.00	99.75	156.0-157.0	0.09	851.92	0.01	99.86
110.0-111.0	0.00	850.95	0.00	99.75	157.0-158.0	0.09	852.01	0.01	99.87
111.0-112.0	0.00	850.95	0.00	99.75	158.0-159.0	0.09	852.10	0.01	99.88
112.0-113.0	0.00	850.95	0.00	99.75	159.0-160.0	0.09	852.19	0.01	99.89
113.0-114.0	0.00	850.95	0.00	99.75	160.0-161.0	0.09	852.27	0.01	99.90
114.0-115.0	0.00	850.95	0.00	99.75	161.0-162.0	0.08	852.35	0.01	99.91
115.0-116.0	0.00	850.95	0.00	99.75	162.0-163.0	0.08	852.43	0.01	99.92
116.0-117.0	0.00	850.95	0.00	99.75	163.0-164.0	0.08	852.51	0.01	99.93
117.0-118.0	0.00	850.95	0.00	99.75	164.0-165.0	0.07	852.58	0.01	99.94
118.0-119.0	0.00	850.95	0.00	99.75	165.0-166.0	0.07	852.65	0.01	99.95
119.0-120.0	0.00	850.95	0.00	99.75	166.0-167.0	0.06	852.71	0.01	99.95
120.0-121.0	0.00	850.95	0.00	99.75	167.0-168.0	0.06	852.77	0.01	99.96
121.0-122.0	0.00	850.95	0.00	99.75	168.0-169.0	0.05	852.82	0.01	99.97
122.0-123.0	0.00	850.95	0.00	99.75	169.0-170.0	0.05	852.87	0.01	99.97
123.0-124.0	0.00	850.95	0.00	99.75	170.0-171.0	0.04	852.92	0.01	99.98
124.0-125.0	0.00	850.95	0.00	99.75	171.0-172.0	0.04	852.96	0.00	99.98
125.0-126.0	0.00	850.95	0.00	99.75	172.0-173.0	0.03	852.99	0.00	99.99
126.0-127.0	0.00	850.95	0.00	99.75	173.0-174.0	0.03	853.02	0.00	99.99
127.0-128.0	0.00	850.95	0.00	99.75	174.0-175.0	0.02	853.04	0.00	99.99
128.0-129.0	0.00	850.95	0.00	99.75	175.0-176.0	0.02	853.06	0.00	100.00
129.0-130.0	0.00	850.95	0.00	99.75	176.0-177.0	0.01	853.08	0.00	100.00
130.0-131.0	0.00	850.95	0.00	99.75	177.0-178.0	0.01	853.09	0.00	100.00
131.0-132.0	0.00	850.95	0.00	99.75	178.0-179.0	0.01	853.10	0.00	100.00
132.0-133.0	0.00	850.95	0.00	99.75	179.0-180.0	0.00	853.10	0.00	100.00
133.0-134.0	0.00	850.95	0.00	99.75					
134.0-135.0	0.00	850.95	0.00	99.75					
135.0-136.0	0.00	850.95	0.00	99.75					
136.0-137.0	0.00	850.95	0.00	99.75					
137.0-138.0	0.00	850.95	0.00	99.75					
138.0-139.0	0.00	850.95	0.00	99.75					
139.0-140.0	0.00	850.95	0.00	99.75					
140.0-141.0	0.00	850.95	0.00	99.75					

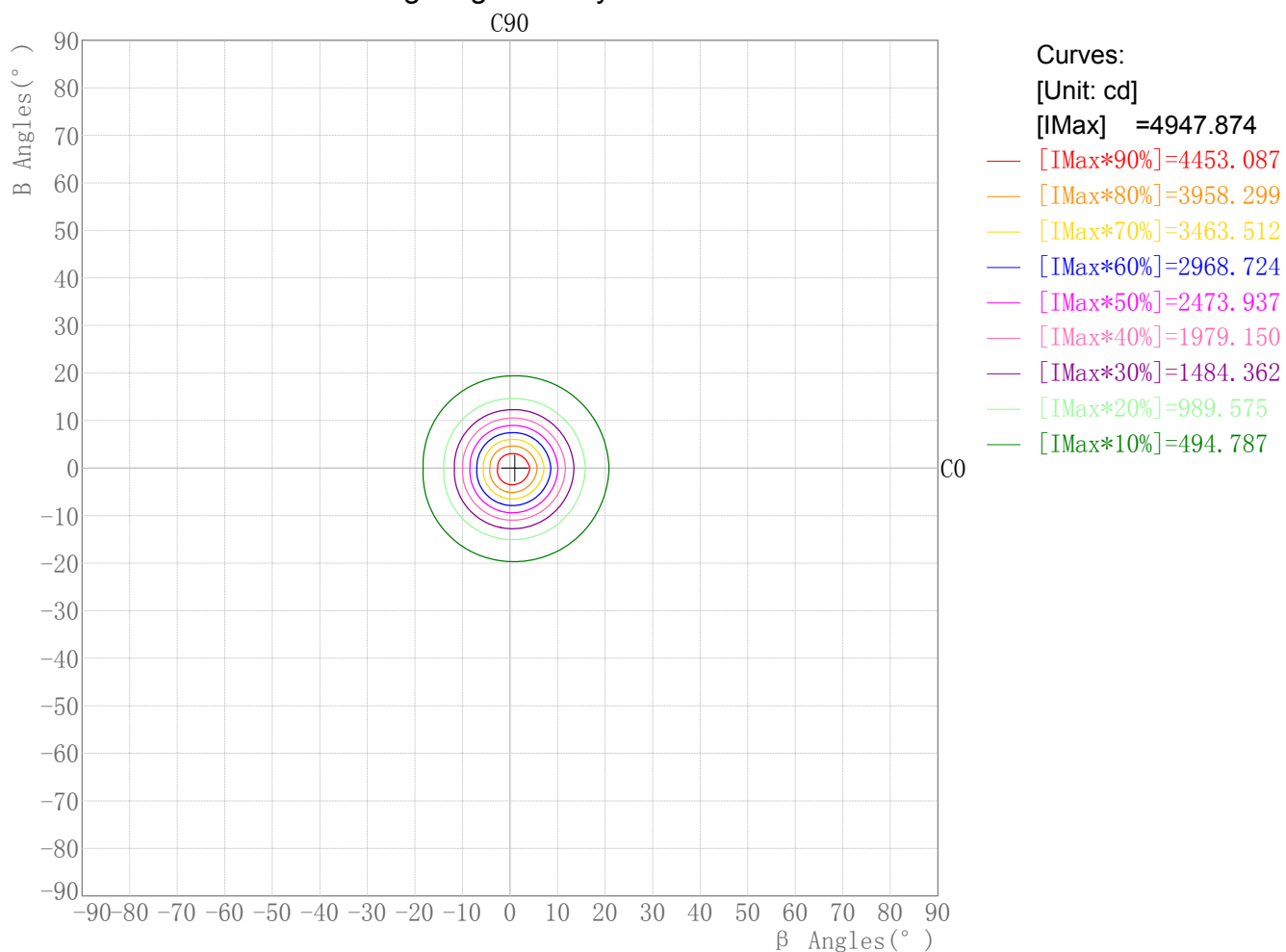
IES Indoor Report

Photometric Filename:MD10-09-XX-01 4000K RA90 15D IES.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-09-XX-01 4000K RA90 15D	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: 2019/12/14

ISO Lighting Intensity Curve



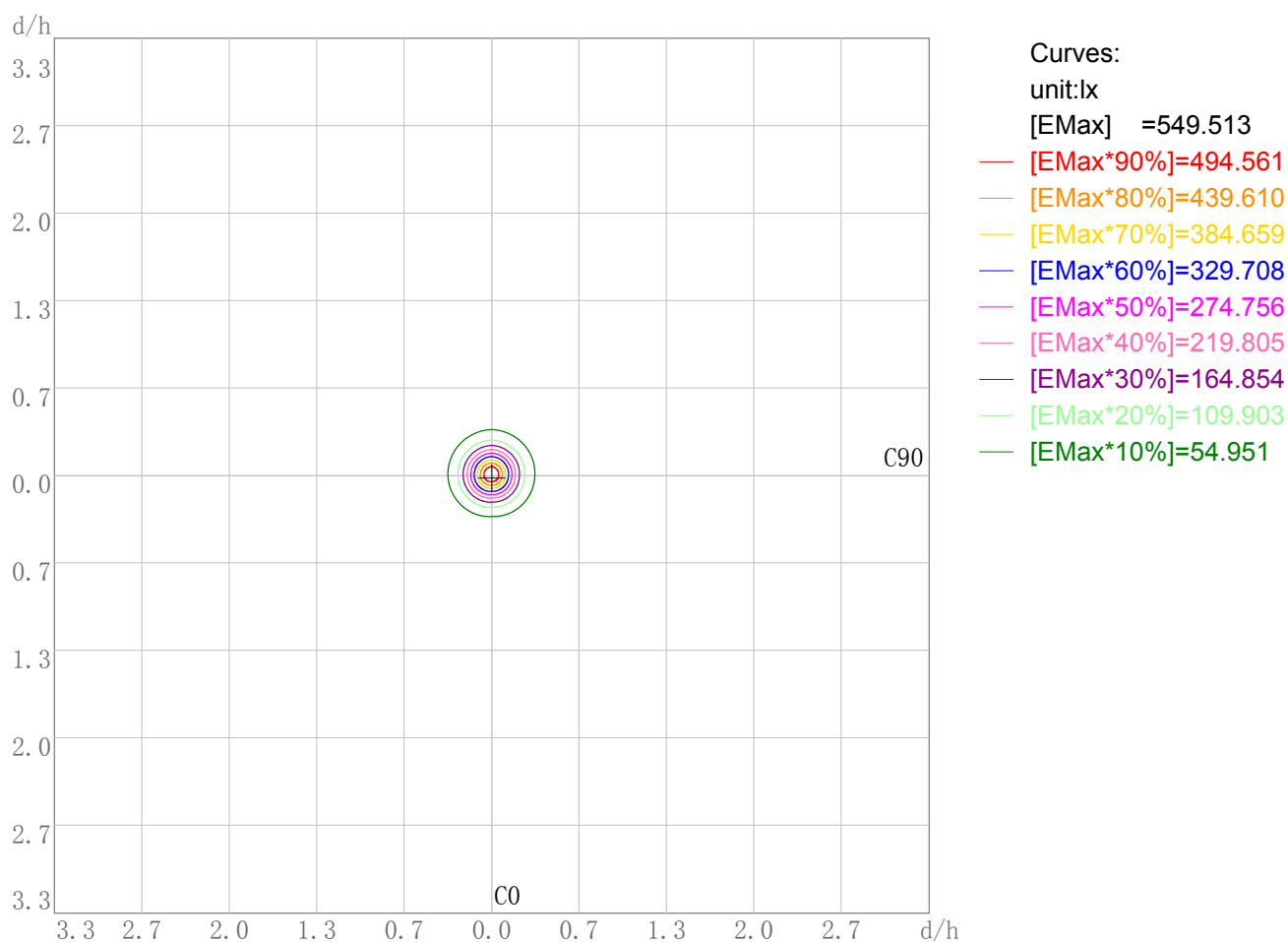
IES Indoor Report

Photometric Filename:MD10-09-XX-01 4000K RA90 15D IES.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD10-09-XX-01 4000K RA90 15D	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: 2019/12/14

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

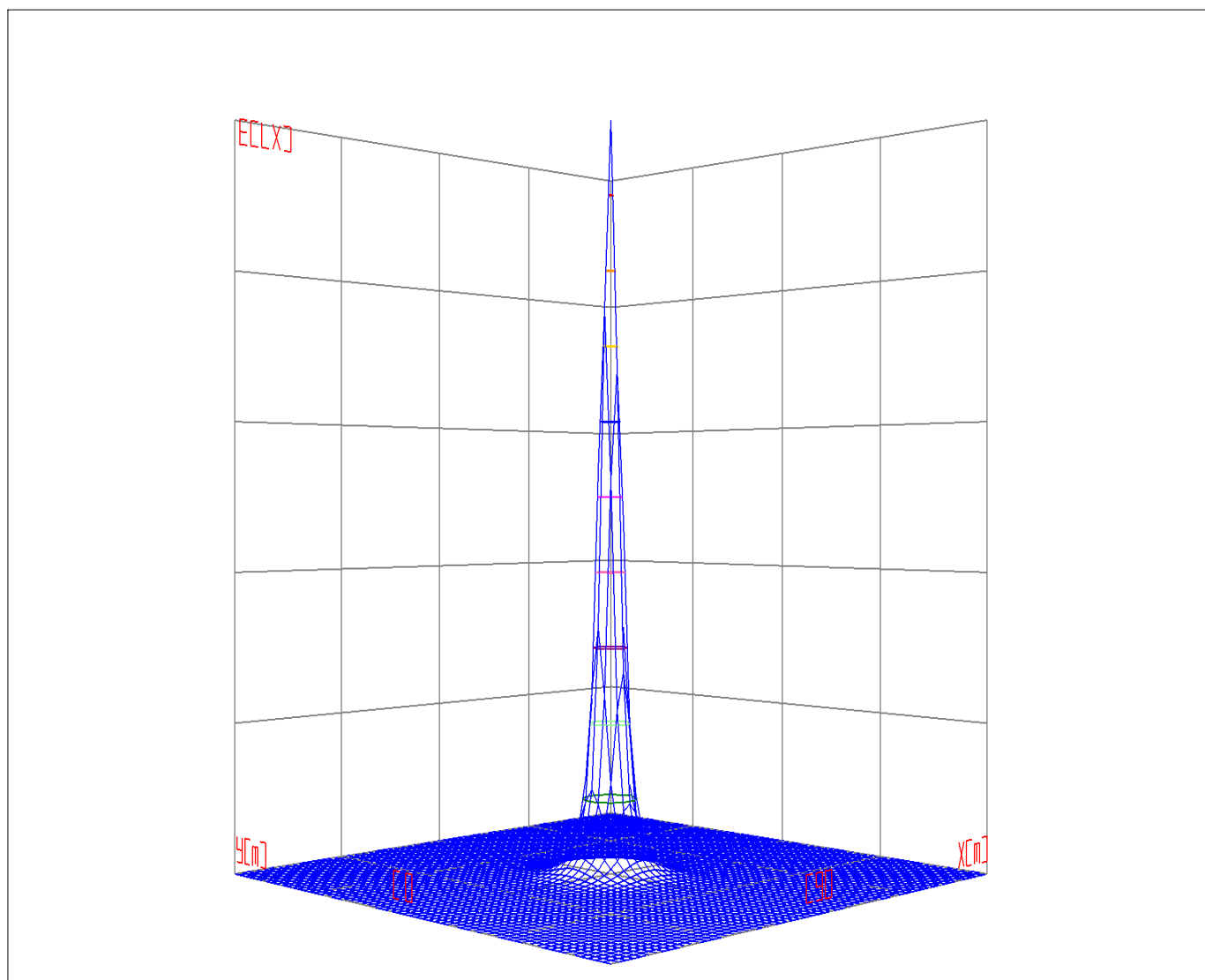
Working Plane Maximum Illuminance(lx): 549.51

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

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-09-XX-01 4000K RA90 15D	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: 2019/12/14

3D Plane Illuminance Modal

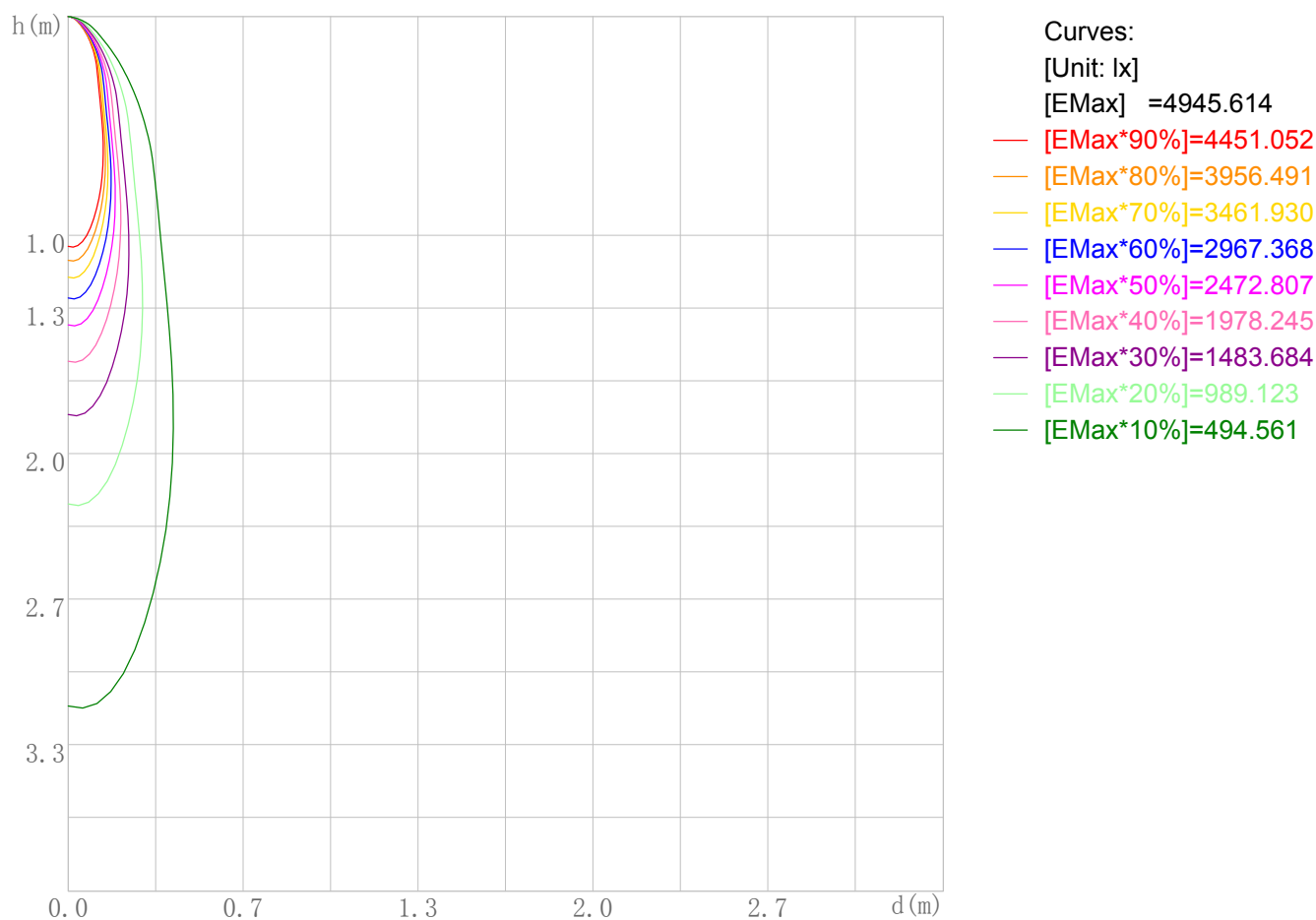


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-09-XX-01 4000K RA90 15D	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: 2019/12/14

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:4945.61lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:4947.874cd,0deg

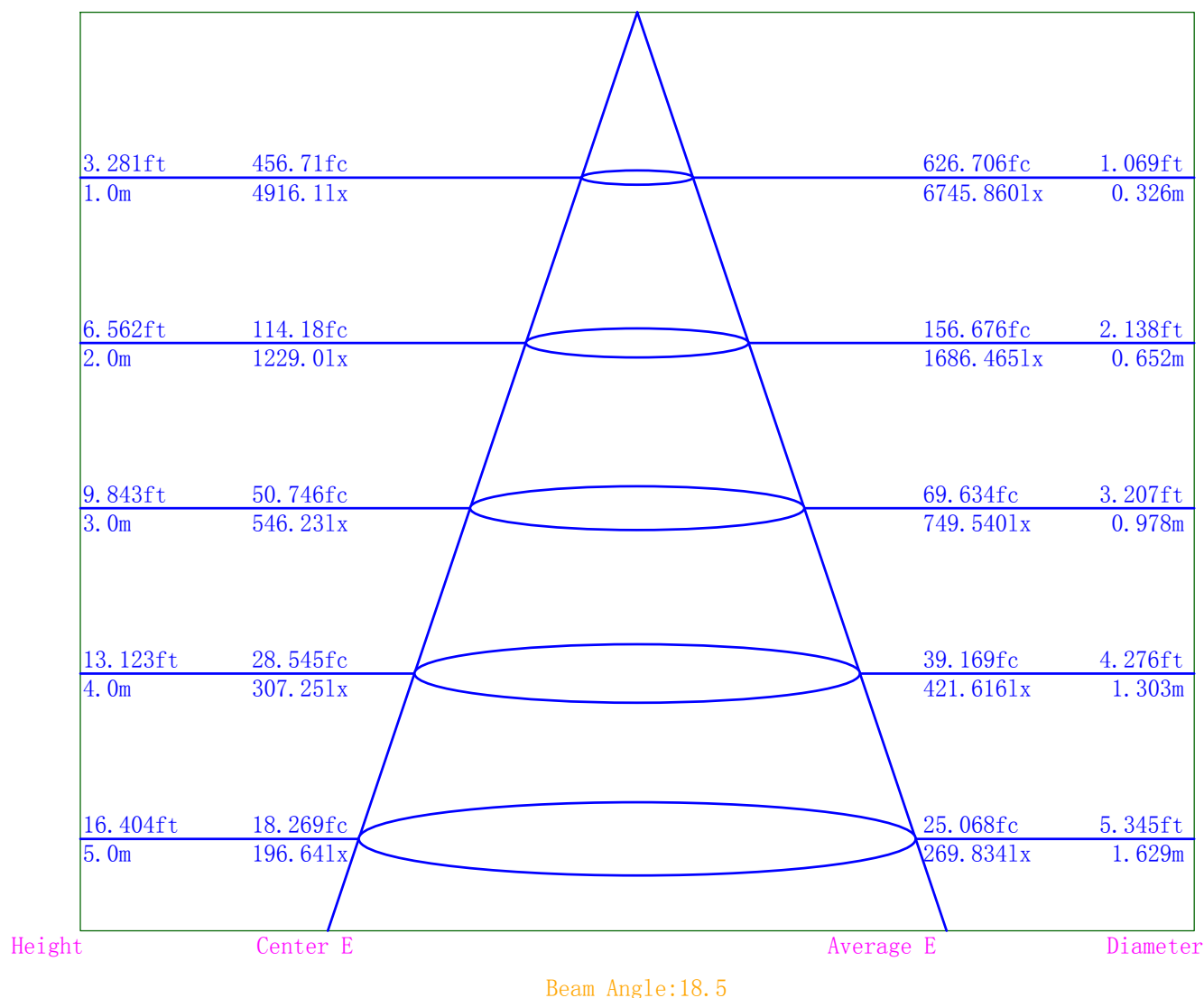
IES Indoor Report

Photometric Filename:MD10-09-XX-01 4000K RA90 15D IES.IES

Illuminance-Distance Diagram

Lum. Name: MD10-09-XX-01 4000K RA90 15D	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: 2019/12/14

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name: MD10-09-XX-01 4000K RA90 15D	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: 2019/12/14

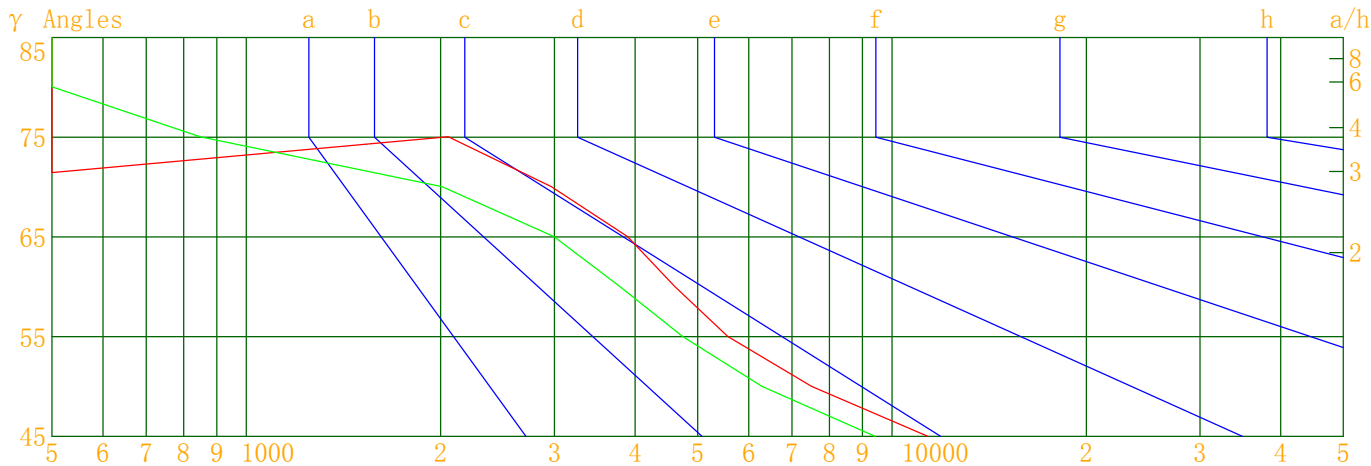
Glare Grade Table

GI	Quality	Using Illuminace							
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	11367	7508	5568	4610	3896	2968	2055	290	0
C90	9413	6291	4740	3789	2996	2010	848	0	0

Luminance Limiting Curve



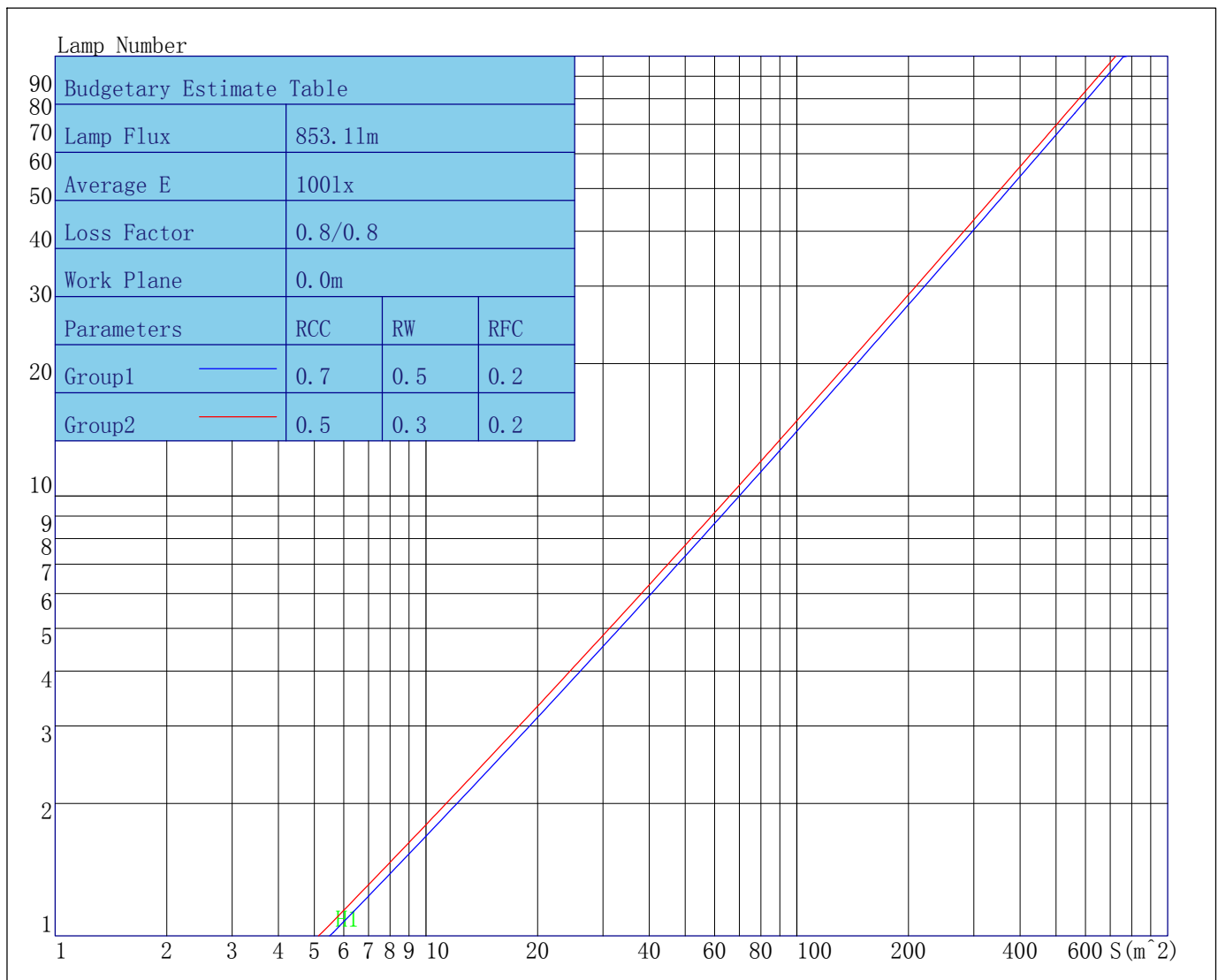
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.060 Area(m^2)=0.005500
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

IES Indoor Report

Photometric Filename:MD10-09-XX-01 4000K RA90 15D IES.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-09-XX-01 4000K RA90 15D	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: 2019/12/14



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

Lum. Name: MD10-09-XX-01 4000K RA90 15D	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: 2019/12/14

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	102	102	102	100
1	115	112	110	108	112	110	108	107	106	105	103	102	101	100	99	98	97	96
2	110	106	103	100	108	105	102	99	101	99	97	99	97	95	96	94	93	91
3	106	101	97	94	104	100	96	93	97	94	92	95	93	90	93	91	89	88
4	103	97	92	89	101	96	92	89	94	90	88	92	89	87	90	88	86	84
5	99	93	88	85	98	92	88	85	90	87	84	89	86	83	87	85	82	81
6	96	89	85	81	95	88	84	81	87	83	81	86	83	80	85	82	80	78
7	93	86	81	78	92	85	81	78	84	80	78	83	80	77	82	79	77	76
8	90	83	79	76	89	83	78	75	82	78	75	81	77	75	80	77	75	74
9	88	81	76	73	87	80	76	73	79	75	73	78	75	73	78	75	72	71
10	85	78	74	71	85	78	74	71	77	73	71	76	73	71	76	73	70	69

Unified Glare Rating Table

Lum. Name: MD10-09-XX-01 4000K RA90 15D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: QQualty peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/14

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	14.4	15.4	14.8	15.7	16.0	13.5	14.5	13.8	14.8	15.1
	14.6	15.5	15.0	15.8	16.2	13.5	14.4	13.9	14.8	15.2
	14.6	15.4	15.0	15.8	16.2	13.5	14.3	13.9	14.7	15.1
	14.5	15.3	14.9	15.6	16.0	13.4	14.1	13.8	14.5	14.9
	14.4	15.2	14.9	15.6	16.0	13.3	14.0	13.8	14.4	14.8
	14.4	15.1	14.8	15.5	15.9	13.3	13.9	13.7	14.3	14.8
X=4H Y=2H	14.3	15.2	14.7	15.5	15.9	13.4	14.2	13.8	14.6	15.0
	14.6	15.3	15.0	15.7	16.1	13.6	14.2	14.0	14.7	15.1
	14.6	15.3	15.1	15.7	16.1	13.5	14.1	13.9	14.5	15.0
	14.5	15.1	15.0	15.5	16.0	13.4	13.9	13.9	14.4	14.9
	14.5	15.0	15.0	15.4	15.9	13.3	13.8	13.8	14.3	14.7
	14.4	14.8	14.9	15.3	15.8	13.2	13.7	13.7	14.2	14.7
X=8H Y=4H	14.5	15.0	15.0	15.5	15.9	13.4	13.9	13.8	14.3	14.8
	14.4	14.8	14.9	15.3	15.9	13.2	13.6	13.7	14.1	14.7
	14.3	14.7	14.9	15.2	15.7	13.2	13.5	13.7	14.0	14.5
	14.3	14.6	14.8	15.1	15.7	13.1	13.4	13.6	13.9	14.5
X=12H Y=4H	14.4	14.9	14.9	15.4	15.9	13.3	13.7	13.8	14.2	14.7
	14.3	14.7	14.9	15.2	15.7	13.2	13.5	13.7	14.0	14.6
	14.3	14.6	14.8	15.1	15.7	13.1	13.4	13.6	13.9	14.5
Variations with the objerver position at spacings										
S=1.0H	2.3/-4.2					4.0/-7.7				
S=1.5H	2.5/-4.6					3.9/-14.1				
S=2.0H	2.8/-4.7					3.6/-9.4				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.5					0.4				

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	4916.07	4916.07	4916.07	4916.07
γ 1.0	4947.87	4845.56	4804.29	4889.97
γ 2.0	4889.17	4695.77	4604.58	4785.34
γ 3.0	4731.06	4453.74	4351.08	4588.92
γ 4.0	4496.87	4154.55	4040.04	4322.60
γ 5.0	4199.24	3820.05	3686.22	3996.66
γ 6.0	3863.74	3466.53	3318.04	3643.81
γ 7.0	3516.98	3112.46	2959.55	3272.17
γ 8.0	3169.88	2781.59	2617.55	2924.77
γ 9.0	2830.29	2452.12	2284.04	2605.50
γ 10.0	2498.57	2133.66	1966.92	2278.09
γ 11.0	2177.76	1830.67	1672.47	1966.02
γ 12.0	1876.29	1550.60	1402.83	1679.96
γ 13.0	1598.92	1303.70	1170.67	1417.73
γ 14.0	1348.74	1094.42	975.53	1189.13
γ 15.0	1135.36	920.92	817.05	995.49
γ 16.0	959.44	781.78	691.36	837.95
γ 17.0	817.25	672.10	591.05	716.66
γ 18.0	703.55	586.46	512.17	619.72
γ 19.0	615.31	517.93	447.78	539.83
γ 20.0	543.21	459.50	394.76	472.93
γ 21.0	484.36	410.86	352.39	418.68
γ 22.0	435.03	369.73	316.81	373.72
γ 23.0	391.55	335.23	286.20	336.09
γ 24.0	355.44	305.38	258.89	303.46
γ 25.0	323.86	278.37	234.38	274.91
γ 26.0	296.07	254.78	210.97	248.33
γ 27.0	270.24	232.66	189.29	224.61
γ 28.0	246.75	211.81	169.10	201.83
γ 29.0	223.54	191.89	151.21	180.76
γ 30.0	201.81	173.82	135.48	162.05
γ 31.0	182.54	157.43	121.40	145.80
γ 32.0	165.12	142.73	108.76	131.16
γ 33.0	149.81	129.40	97.19	118.34
γ 34.0	135.42	116.84	86.80	106.81
γ 35.0	122.31	105.82	77.92	96.87
γ 36.0	110.40	95.38	69.97	87.77
γ 37.0	99.65	86.40	63.03	79.45
γ 38.0	89.74	77.78	56.92	71.76
γ 39.0	80.77	70.12	51.20	65.04
γ 40.0	72.97	63.04	45.97	59.03
γ 41.0	65.95	56.71	41.32	53.64
γ 42.0	59.62	50.81	37.08	48.56
γ 43.0	54.14	45.47	33.30	44.11
γ 44.0	48.90	40.76	30.04	39.97
γ 45.0	44.21	36.61	27.14	36.31
γ 46.0	39.65	33.03	24.55	32.87

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	35.77	29.74	22.37	29.82
γ 48.0	32.28	26.86	20.34	27.10
γ 49.0	29.25	24.38	18.67	24.67
γ 50.0	26.54	22.24	17.16	22.60
γ 51.0	24.25	20.42	15.97	20.73
γ 52.0	22.22	18.67	14.89	19.12
γ 53.0	20.49	17.32	14.03	17.65
γ 54.0	18.85	15.99	13.10	16.44
γ 55.0	17.57	14.95	12.37	15.29
γ 56.0	16.32	13.81	11.59	14.33
γ 57.0	15.37	12.86	10.80	13.50
γ 58.0	14.39	12.01	10.18	12.72
γ 59.0	13.51	11.18	9.61	11.97
γ 60.0	12.68	10.42	8.89	11.18
γ 61.0	11.88	9.59	8.28	10.56
γ 62.0	11.10	8.83	7.75	9.93
γ 63.0	10.43	8.15	7.18	9.30
γ 64.0	9.69	7.57	6.72	8.66
γ 65.0	9.06	6.96	6.09	8.07
γ 66.0	8.43	6.32	5.51	7.54
γ 67.0	7.55	5.67	4.95	6.91
γ 68.0	7.03	4.97	4.28	6.28
γ 69.0	6.30	4.26	3.76	5.64
γ 70.0	5.58	3.78	3.36	5.04
γ 71.0	5.03	3.27	2.87	4.51
γ 72.0	4.45	2.76	2.40	4.04
γ 73.0	3.94	2.30	1.96	3.57
γ 74.0	3.37	1.68	1.46	3.00
γ 75.0	2.93	1.21	0.94	2.51
γ 76.0	2.26	0.68	0.45	1.92
γ 77.0	1.72	0.09	0.00	1.45
γ 78.0	1.05	0.00	0.00	0.83
γ 79.0	0.50	0.00	0.00	0.39
γ 80.0	0.28	0.00	0.00	0.26
γ 81.0	0.17	0.00	0.00	0.00
γ 82.0	0.00	0.00	0.00	0.00
γ 83.0	0.00	0.00	0.00	0.00
γ 84.0	0.00	0.00	0.00	0.00
γ 85.0	0.00	0.00	0.00	0.00
γ 86.0	0.00	0.00	0.00	0.00
γ 87.0	0.00	0.00	0.00	0.00
γ 88.0	0.00	0.00	0.00	0.00
γ 89.0	0.00	0.00	0.00	0.00
γ 90.0	0.00	0.00	0.00	0.00
γ 91.0	0.00	0.00	0.00	0.00
γ 92.0	0.00	0.00	0.00	0.00
γ 93.0	0.00	0.00	0.00	0.00

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00
γ 96.0	0.00	0.00	0.00	0.00
γ 97.0	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00
γ 133.0	0.00	0.00	0.00	0.00
γ 134.0	0.00	0.00	0.00	0.00
γ 135.0	0.00	0.00	0.00	0.00
γ 136.0	0.00	0.00	0.00	0.00
γ 137.0	0.00	0.00	0.00	0.00
γ 138.0	0.00	0.00	0.00	0.00
γ 139.0	0.00	0.00	0.00	0.00
γ 140.0	0.00	0.00	0.00	0.00

IES Indoor Report

Photometric Filename:MD10-09-XX-01 4000K RA90 15D IES.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.00	0.00	0.04	0.00
γ 142.0	0.00	0.00	0.25	0.12
γ 143.0	0.00	0.00	0.54	0.36
γ 144.0	0.00	0.06	0.75	0.57
γ 145.0	0.07	0.14	0.91	0.78
γ 146.0	0.29	0.39	1.15	1.03
γ 147.0	0.51	0.58	1.35	1.14
γ 148.0	0.74	0.85	1.45	1.33
γ 149.0	0.81	1.02	1.66	1.51
γ 150.0	1.10	1.13	1.77	1.61
γ 151.0	1.31	1.30	1.90	1.81
γ 152.0	1.35	1.38	2.06	1.90
γ 153.0	1.57	1.52	2.13	2.07
γ 154.0	1.69	1.67	2.17	2.06
γ 155.0	1.79	1.74	2.25	2.17
γ 156.0	1.90	1.79	2.31	2.24
γ 157.0	2.05	1.89	2.41	2.31
γ 158.0	2.14	1.91	2.45	2.32
γ 159.0	2.20	1.99	2.50	2.40
γ 160.0	2.29	2.05	2.56	2.34
γ 161.0	2.29	2.06	2.57	2.43
γ 162.0	2.36	2.17	2.60	2.47
γ 163.0	2.39	2.13	2.57	2.42
γ 164.0	2.48	2.20	2.59	2.52
γ 165.0	2.46	2.28	2.65	2.57
γ 166.0	2.49	2.27	2.59	2.52
γ 167.0	2.52	2.32	2.65	2.52
γ 168.0	2.53	2.32	2.63	2.50
γ 169.0	2.55	2.35	2.51	2.48
γ 170.0	2.41	2.27	2.56	2.44
γ 171.0	2.56	2.30	2.54	2.42
γ 172.0	2.54	2.26	2.43	2.35
γ 173.0	2.50	2.25	2.41	2.31
γ 174.0	2.43	2.23	2.33	2.29
γ 175.0	2.37	2.20	2.35	2.17
γ 176.0	2.37	2.15	2.25	2.11
γ 177.0	2.27	2.08	2.14	2.19
γ 178.0	2.27	2.05	2.23	2.15
γ 179.0	2.24	2.12	2.21	2.22
γ 180.0	2.25	2.25	2.25	2.25