

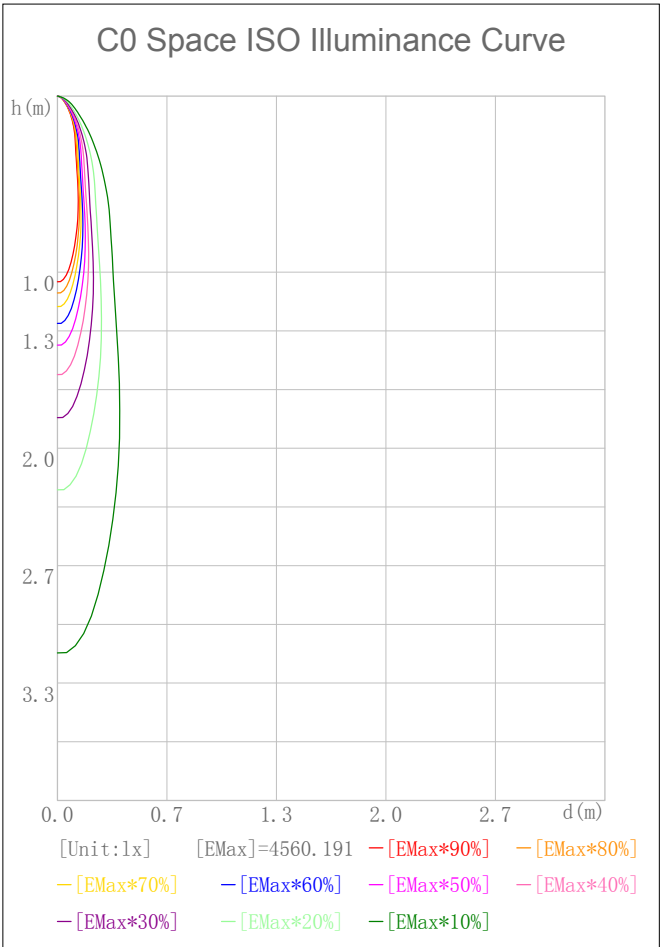
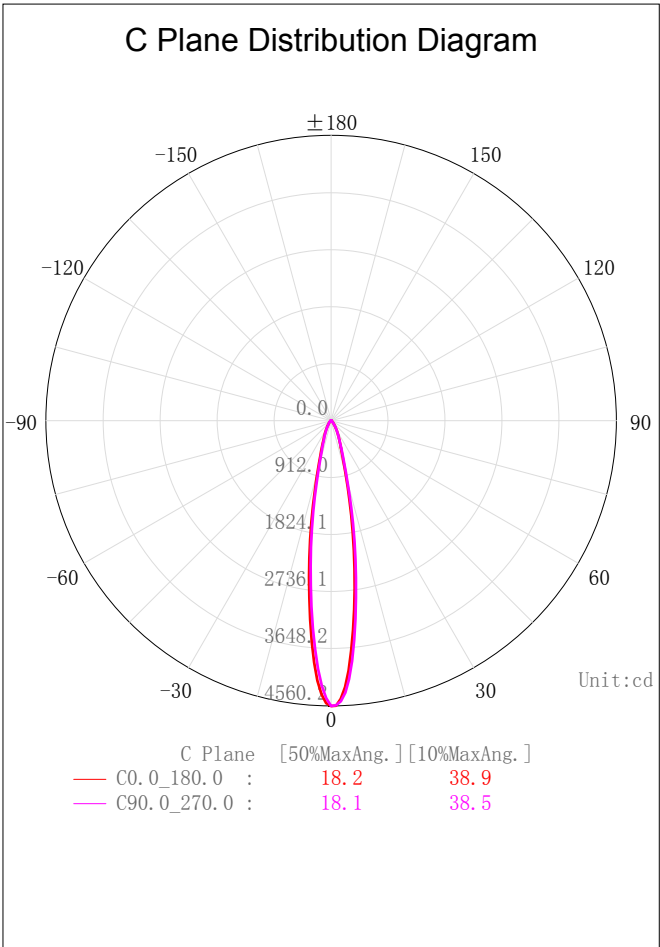
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-09-XX-01 2700K 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): 1000.000	Luminary Flux(lm): 773.553	Field Angle(10%Imax): 38.9(°)
Rated Power(W):	Luminary Efficiency: 77.36%	Down Lumens&Percent: 772.242lm 99.83%
Rated Voltage(V):	Luminary EER(lm/W): 82.937	Up Lumens&Percent: 1.311lm 0.17%
Tested Power(W): 9.327	Max. Candela(cd): 4560.191	S/MH: C0_a180=0.311 C90_270=0.309
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.3, 0.041, 0.928	Beam Angle(50%Imax): 18.2(°)	ErP Φ use(90°): 750.300lm
Lamp Size(W*L*H):0.050m*0.050m*0.060m	Left=-8.8°, Right=9.4°	IRF(%): 1206.207



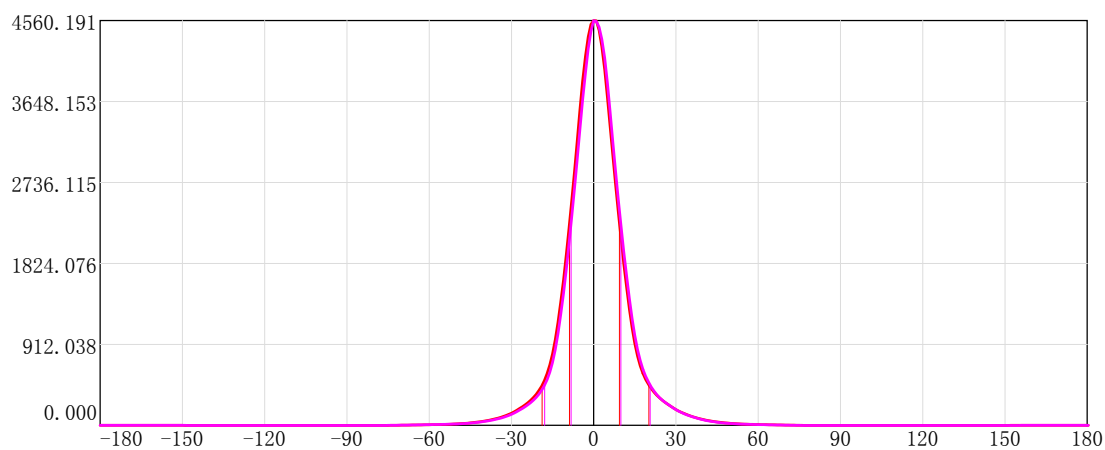
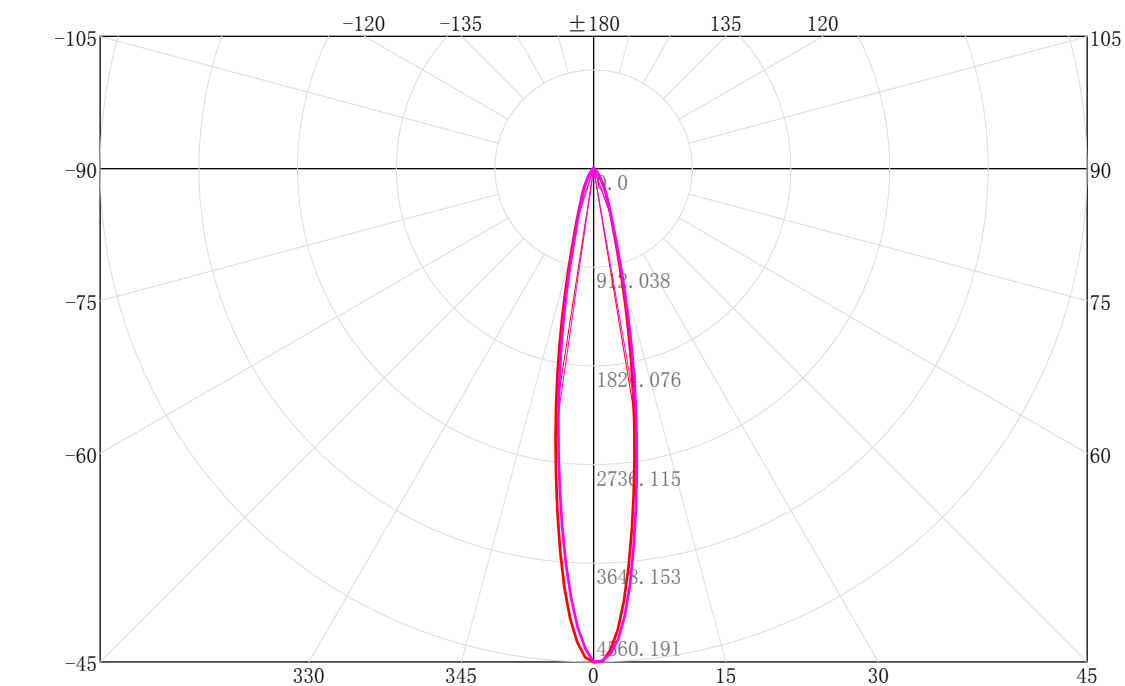
# IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 15D.IES

## 2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-09-XX-01 2700K 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 :	18.2	38.9
C90.0_270.0 :	18.1	38.5

Unit:cd

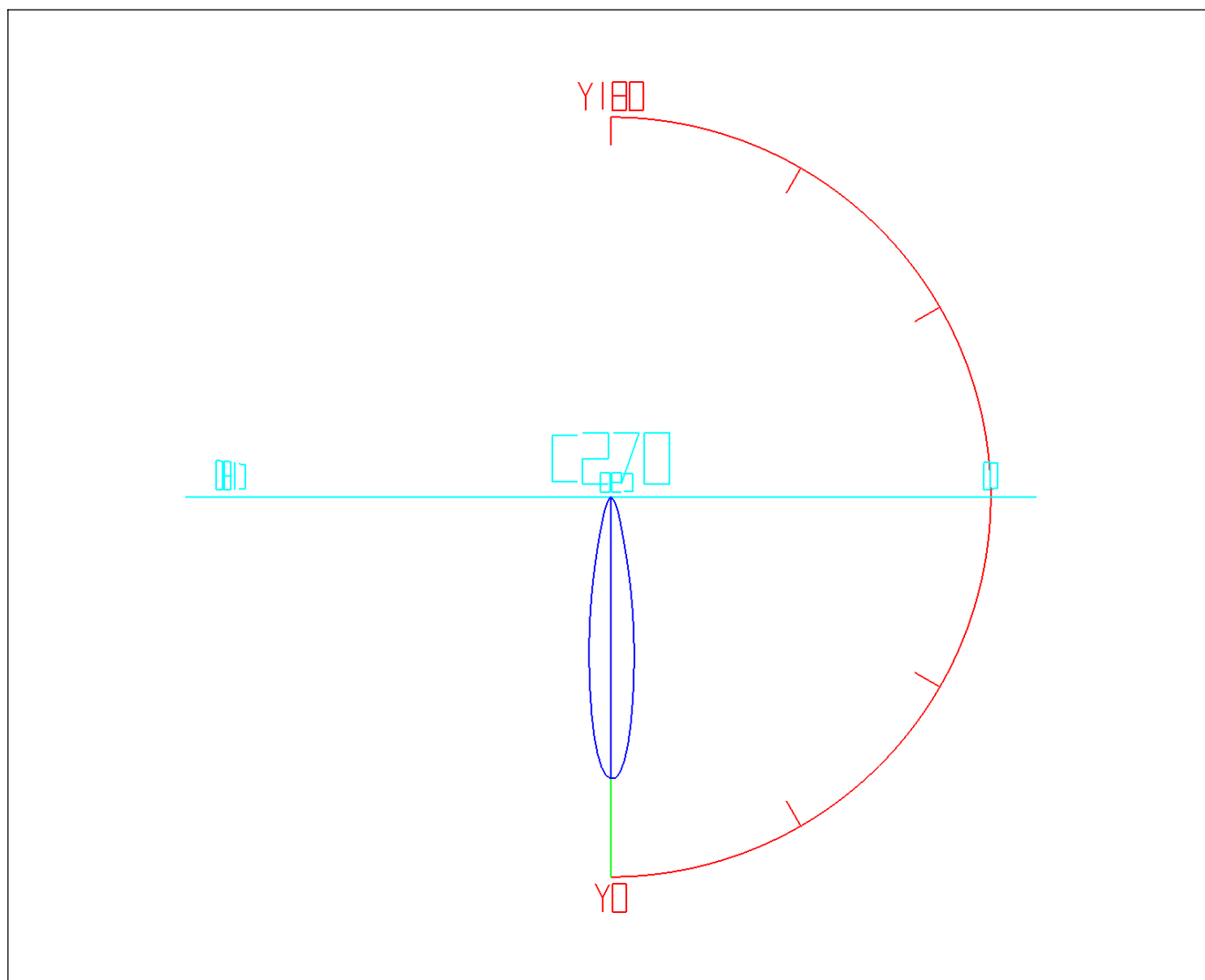
# IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 15D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: MD10-09-XX-01 2700K 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

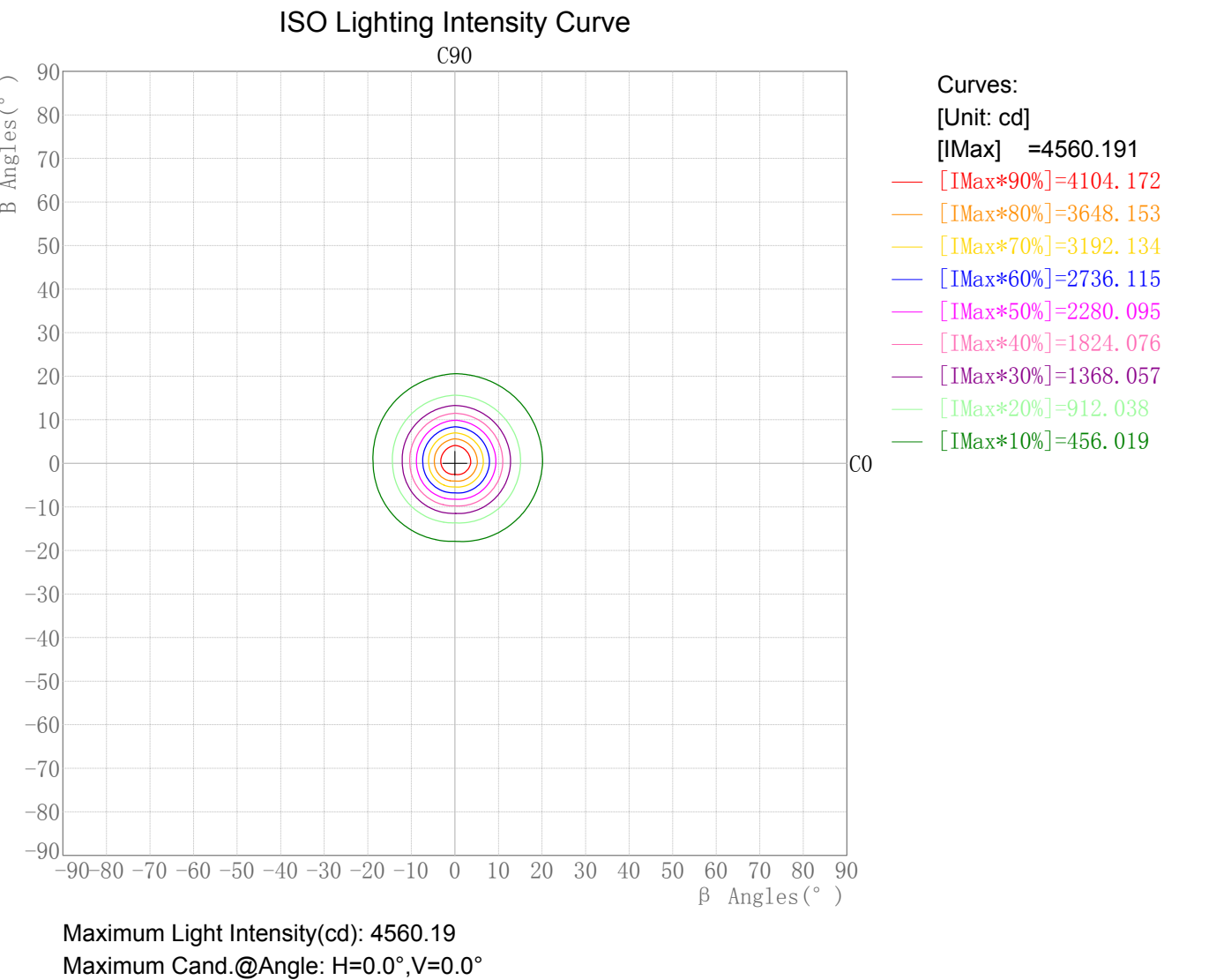
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	4.34	4.34	0.43	0.43	47.0-48.0	2.06	748.96	0.21	74.90
1.0-2.0	12.78	17.12	1.28	1.71	48.0-49.0	1.89	750.85	0.19	75.09
2.0-3.0	20.51	37.63	2.05	3.76	49.0-50.0	1.74	752.59	0.17	75.26
3.0-4.0	27.14	64.78	2.71	6.48	50.0-51.0	1.61	754.20	0.16	75.42
4.0-5.0	32.39	97.17	3.24	9.72	51.0-52.0	1.49	755.69	0.15	75.57
5.0-6.0	36.15	133.32	3.61	13.33	52.0-53.0	1.39	757.07	0.14	75.71
6.0-7.0	38.52	171.83	3.85	17.18	53.0-54.0	1.30	758.37	0.13	75.84
7.0-8.0	39.71	211.54	3.97	21.15	54.0-55.0	1.22	759.58	0.12	75.96
8.0-9.0	39.84	251.39	3.98	25.14	55.0-56.0	1.14	760.73	0.11	76.07
9.0-10.0	39.01	290.40	3.90	29.04	56.0-57.0	1.08	761.80	0.11	76.18
10.0-11.0	37.33	327.73	3.73	32.77	57.0-58.0	1.02	762.82	0.10	76.28
11.0-12.0	34.92	362.64	3.49	36.26	58.0-59.0	0.96	763.78	0.10	76.38
12.0-13.0	32.05	394.69	3.20	39.47	59.0-60.0	0.90	764.69	0.09	76.47
13.0-14.0	28.99	423.68	2.90	42.37	60.0-61.0	0.85	765.54	0.09	76.55
14.0-15.0	26.01	449.69	2.60	44.97	61.0-62.0	0.80	766.33	0.08	76.63
15.0-16.0	23.34	473.03	2.33	47.30	62.0-63.0	0.75	767.08	0.07	76.71
16.0-17.0	21.09	494.12	2.11	49.41	63.0-64.0	0.70	767.78	0.07	76.78
17.0-18.0	19.24	513.36	1.92	51.34	64.0-65.0	0.65	768.43	0.06	76.84
18.0-19.0	17.73	531.10	1.77	53.11	65.0-66.0	0.60	769.02	0.06	76.90
19.0-20.0	16.46	547.56	1.65	54.76	66.0-67.0	0.55	769.57	0.05	76.96
20.0-21.0	15.36	562.92	1.54	56.29	67.0-68.0	0.49	770.06	0.05	77.01
21.0-22.0	14.39	577.32	1.44	57.73	68.0-69.0	0.43	770.49	0.04	77.05
22.0-23.0	13.55	590.86	1.35	59.09	69.0-70.0	0.38	770.87	0.04	77.09
23.0-24.0	12.79	603.65	1.28	60.36	70.0-71.0	0.33	771.21	0.03	77.12
24.0-25.0	12.10	615.75	1.21	61.58	71.0-72.0	0.29	771.50	0.03	77.15
25.0-26.0	11.45	627.21	1.15	62.72	72.0-73.0	0.24	771.74	0.02	77.17
26.0-27.0	10.80	638.01	1.08	63.80	73.0-74.0	0.20	771.93	0.02	77.19
27.0-28.0	10.14	648.15	1.01	64.82	74.0-75.0	0.15	772.08	0.01	77.21
28.0-29.0	9.47	657.62	0.95	65.76	75.0-76.0	0.10	772.18	0.01	77.22
29.0-30.0	8.81	666.43	0.88	66.64	76.0-77.0	0.05	772.23	0.00	77.22
30.0-31.0	8.20	674.63	0.82	67.46	77.0-78.0	0.01	772.24	0.00	77.22
31.0-32.0	7.63	682.26	0.76	68.23	78.0-79.0	0.00	772.24	0.00	77.22
32.0-33.0	7.10	689.35	0.71	68.94	79.0-80.0	0.00	772.24	0.00	77.22
33.0-34.0	6.59	695.94	0.66	69.59	80.0-81.0	0.00	772.24	0.00	77.22
34.0-35.0	6.10	702.05	0.61	70.20	81.0-82.0	0.00	772.24	0.00	77.22
35.0-36.0	5.64	707.69	0.56	70.77	82.0-83.0	0.00	772.24	0.00	77.22
36.0-37.0	5.21	712.90	0.52	71.29	83.0-84.0	0.00	772.24	0.00	77.22
37.0-38.0	4.81	717.71	0.48	71.77	84.0-85.0	0.00	772.24	0.00	77.22
38.0-39.0	4.43	722.14	0.44	72.21	85.0-86.0	0.00	772.24	0.00	77.22
39.0-40.0	4.08	726.23	0.41	72.62	86.0-87.0	0.00	772.24	0.00	77.22
40.0-41.0	3.76	729.98	0.38	73.00	87.0-88.0	0.00	772.24	0.00	77.22
41.0-42.0	3.46	733.45	0.35	73.34	88.0-89.0	0.00	772.24	0.00	77.22
42.0-43.0	3.18	736.63	0.32	73.66	89.0-90.0	0.00	772.24	0.00	77.22
43.0-44.0	2.92	739.55	0.29	73.95	90.0-91.0	0.00	772.24	0.00	77.22
44.0-45.0	2.67	742.22	0.27	74.22	91.0-92.0	0.00	772.24	0.00	77.22
45.0-46.0	2.45	744.66	0.24	74.47	92.0-93.0	0.00	772.24	0.00	77.22
46.0-47.0	2.24	746.91	0.22	74.69	93.0-94.0	0.00	772.24	0.00	77.22

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	772.24	0.00	77.22	141.0-142.0	0.00	772.24	0.00	77.22
95.0-96.0	0.00	772.24	0.00	77.22	142.0-143.0	0.00	772.24	0.00	77.22
96.0-97.0	0.00	772.24	0.00	77.22	143.0-144.0	0.00	772.24	0.00	77.22
97.0-98.0	0.00	772.24	0.00	77.22	144.0-145.0	0.01	772.25	0.00	77.23
98.0-99.0	0.00	772.24	0.00	77.22	145.0-146.0	0.01	772.26	0.00	77.23
99.0-100.0	0.00	772.24	0.00	77.22	146.0-147.0	0.02	772.28	0.00	77.23
100.0-101.0	0.00	772.24	0.00	77.22	147.0-148.0	0.02	772.30	0.00	77.23
101.0-102.0	0.00	772.24	0.00	77.22	148.0-149.0	0.03	772.34	0.00	77.23
102.0-103.0	0.00	772.24	0.00	77.22	149.0-150.0	0.04	772.38	0.00	77.24
103.0-104.0	0.00	772.24	0.00	77.22	150.0-151.0	0.04	772.42	0.00	77.24
104.0-105.0	0.00	772.24	0.00	77.22	151.0-152.0	0.05	772.47	0.00	77.25
105.0-106.0	0.00	772.24	0.00	77.22	152.0-153.0	0.05	772.52	0.01	77.25
106.0-107.0	0.00	772.24	0.00	77.22	153.0-154.0	0.05	772.58	0.01	77.26
107.0-108.0	0.00	772.24	0.00	77.22	154.0-155.0	0.06	772.63	0.01	77.26
108.0-109.0	0.00	772.24	0.00	77.22	155.0-156.0	0.06	772.69	0.01	77.27
109.0-110.0	0.00	772.24	0.00	77.22	156.0-157.0	0.06	772.75	0.01	77.28
110.0-111.0	0.00	772.24	0.00	77.22	157.0-158.0	0.06	772.82	0.01	77.28
111.0-112.0	0.00	772.24	0.00	77.22	158.0-159.0	0.06	772.88	0.01	77.29
112.0-113.0	0.00	772.24	0.00	77.22	159.0-160.0	0.06	772.93	0.01	77.29
113.0-114.0	0.00	772.24	0.00	77.22	160.0-161.0	0.06	772.99	0.01	77.30
114.0-115.0	0.00	772.24	0.00	77.22	161.0-162.0	0.06	773.05	0.01	77.30
115.0-116.0	0.00	772.24	0.00	77.22	162.0-163.0	0.05	773.10	0.01	77.31
116.0-117.0	0.00	772.24	0.00	77.22	163.0-164.0	0.05	773.15	0.01	77.31
117.0-118.0	0.00	772.24	0.00	77.22	164.0-165.0	0.05	773.20	0.00	77.32
118.0-119.0	0.00	772.24	0.00	77.22	165.0-166.0	0.05	773.25	0.00	77.32
119.0-120.0	0.00	772.24	0.00	77.22	166.0-167.0	0.04	773.29	0.00	77.33
120.0-121.0	0.00	772.24	0.00	77.22	167.0-168.0	0.04	773.33	0.00	77.33
121.0-122.0	0.00	772.24	0.00	77.22	168.0-169.0	0.04	773.37	0.00	77.34
122.0-123.0	0.00	772.24	0.00	77.22	169.0-170.0	0.03	773.40	0.00	77.34
123.0-124.0	0.00	772.24	0.00	77.22	170.0-171.0	0.03	773.43	0.00	77.34
124.0-125.0	0.00	772.24	0.00	77.22	171.0-172.0	0.03	773.46	0.00	77.35
125.0-126.0	0.00	772.24	0.00	77.22	172.0-173.0	0.02	773.48	0.00	77.35
126.0-127.0	0.00	772.24	0.00	77.22	173.0-174.0	0.02	773.50	0.00	77.35
127.0-128.0	0.00	772.24	0.00	77.22	174.0-175.0	0.02	773.52	0.00	77.35
128.0-129.0	0.00	772.24	0.00	77.22	175.0-176.0	0.01	773.53	0.00	77.35
129.0-130.0	0.00	772.24	0.00	77.22	176.0-177.0	0.01	773.54	0.00	77.35
130.0-131.0	0.00	772.24	0.00	77.22	177.0-178.0	0.01	773.55	0.00	77.35
131.0-132.0	0.00	772.24	0.00	77.22	178.0-179.0	0.00	773.55	0.00	77.36
132.0-133.0	0.00	772.24	0.00	77.22	179.0-180.0	0.00	773.55	0.00	77.36
133.0-134.0	0.00	772.24	0.00	77.22					
134.0-135.0	0.00	772.24	0.00	77.22					
135.0-136.0	0.00	772.24	0.00	77.22					
136.0-137.0	0.00	772.24	0.00	77.22					
137.0-138.0	0.00	772.24	0.00	77.22					
138.0-139.0	0.00	772.24	0.00	77.22					
139.0-140.0	0.00	772.24	0.00	77.22					
140.0-141.0	0.00	772.24	0.00	77.22					

Rectangle ISO Lighting Intensity Diagram

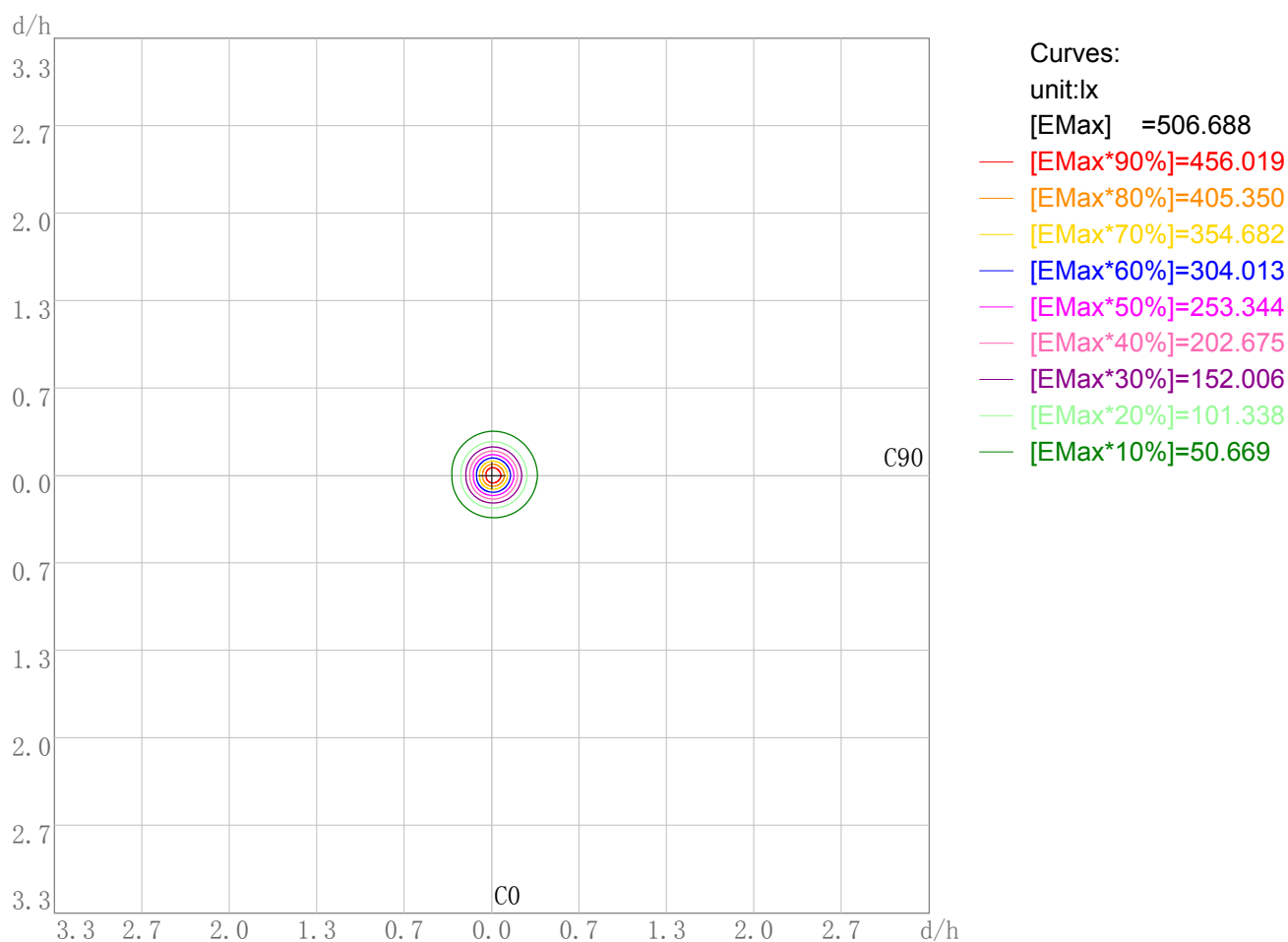
Lum. Name: MD10-09-XX-01 2700K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/14



## Plane ISO-Illuminance Diagram

Lum. Name: MD10-09-XX-01 2700K 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): 506.69

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

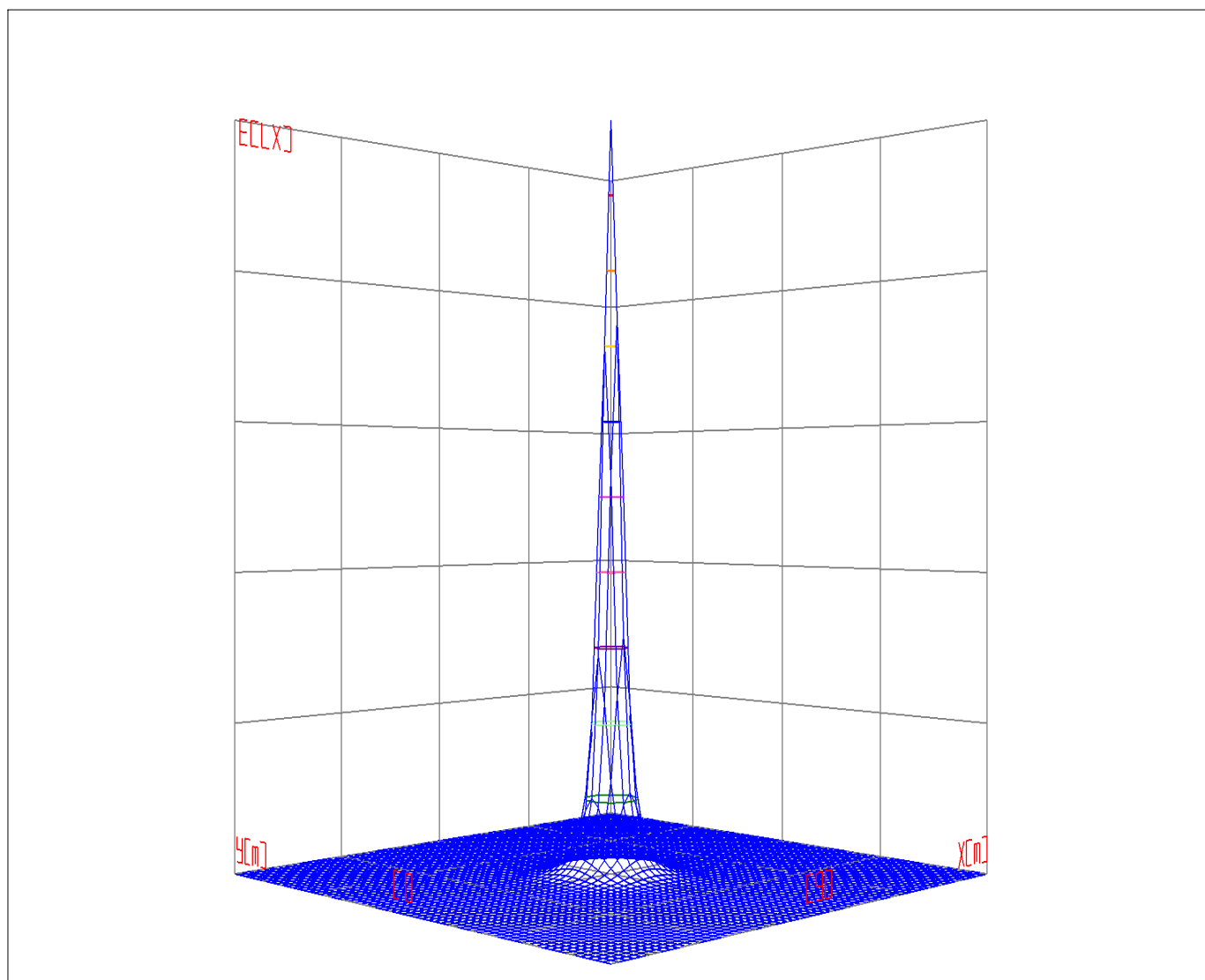
# IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 15D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: MD10-09-XX-01 2700K 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

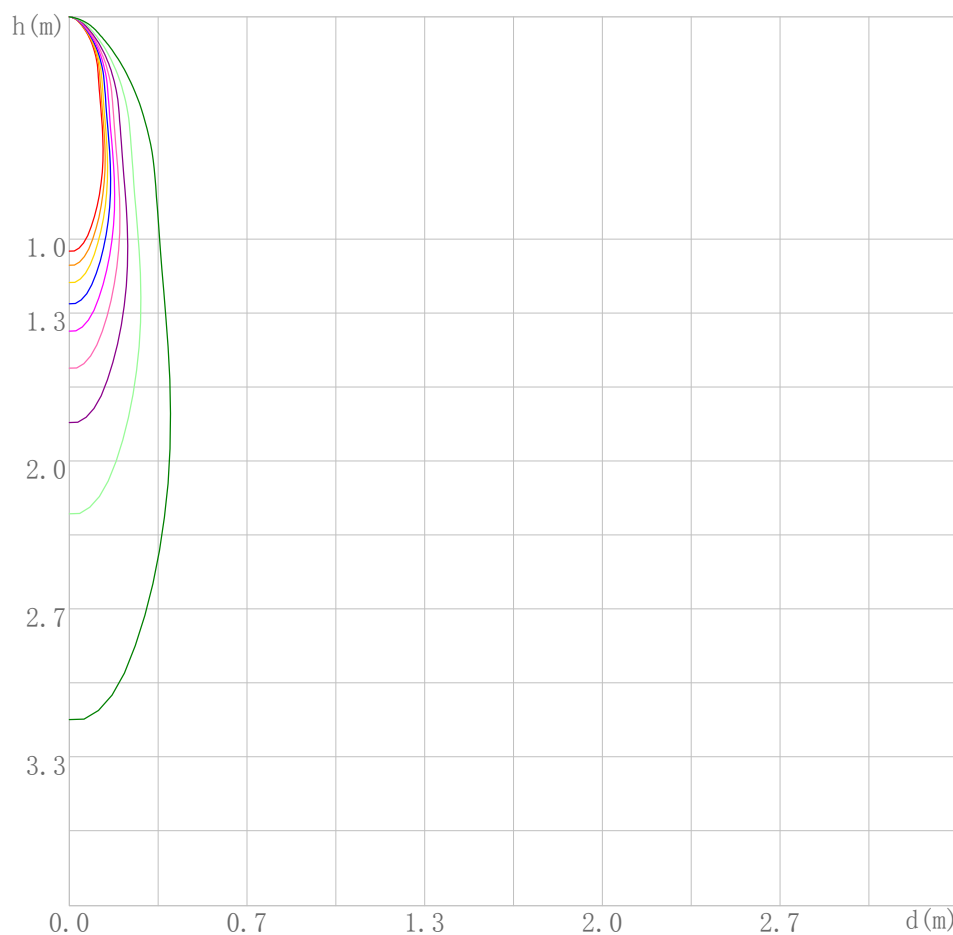
# IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 15D.IES

## Space ISO Illuminance Diagram

Lum. Name: MD10-09-XX-01 2700K 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



Curves:

[Unit: lx]

[EMax] =4560.191

— [EMax\*90%]=4104.172

— [EMax\*80%]=3648.153

— [EMax\*70%]=3192.134

— [EMax\*60%]=2736.115

— [EMax\*50%]=2280.095

— [EMax\*40%]=1824.076

— [EMax\*30%]=1368.057

— [EMax\*20%]=912.038

— [EMax\*10%]=456.019

Space Plane Maximum Illuminance and @Angle:4560.19lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:4560.191cd,0deg

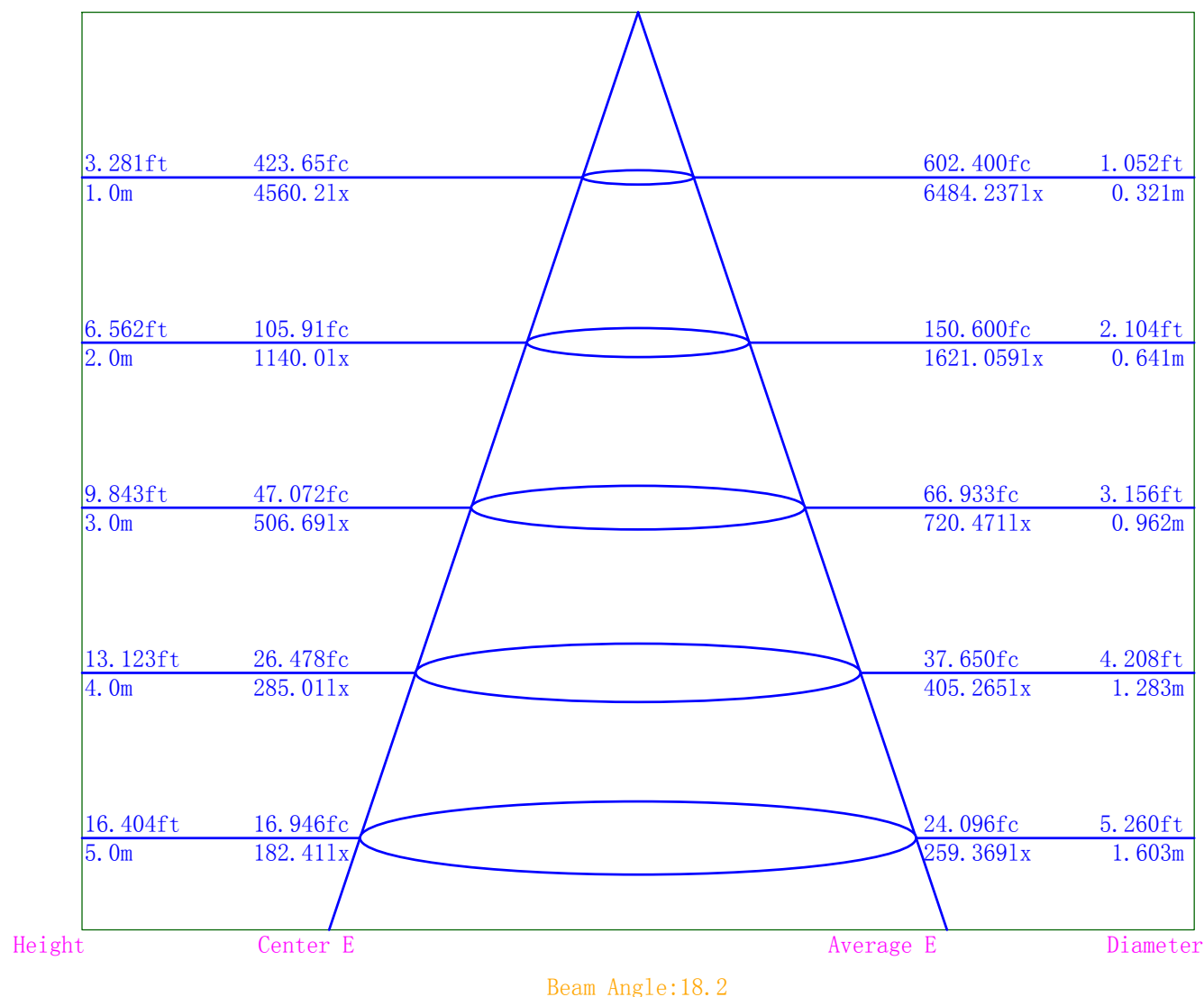
# IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 15D.IES

## Illuminance-Distance Diagram

Lum. Name: MD10-09-XX-01 2700K 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



# IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 15D.IES

## Indoor Luminance Limiting Curves

Lum. Name: MD10-09-XX-01 2700K 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

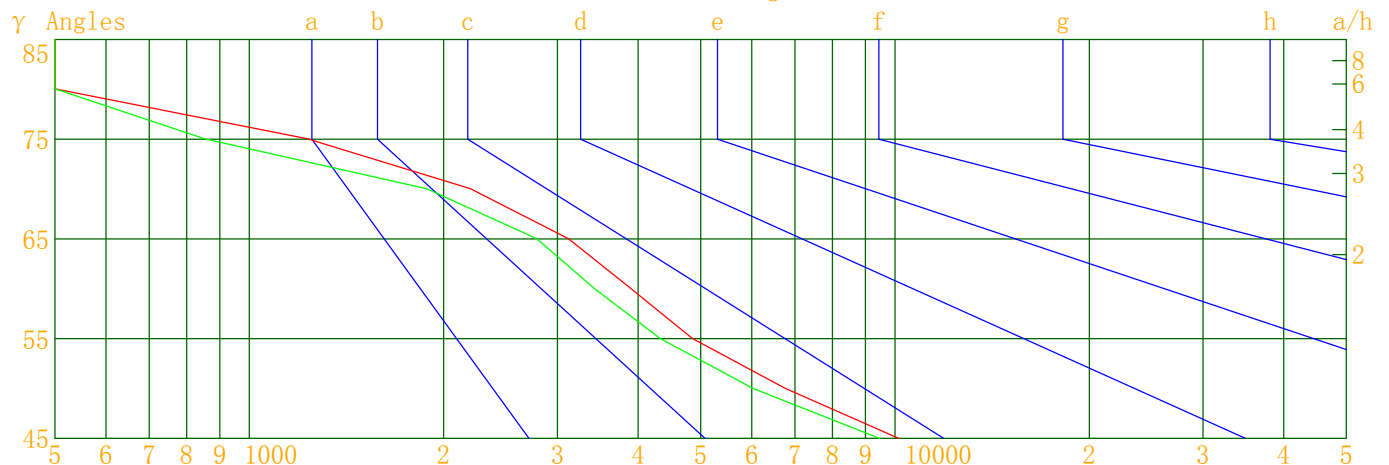
Glare Grade Table

GI	Quality	Using Illuminance							
1.15	A	2000	1000	500	$\leq 300$				
1.5	B		2000	1000	500	$\leq 300$			
1.85	C			2000	1000	500	$\leq 300$		
2.2	D				2000	1000	500	$\leq 300$	
2.55	E	a				2000	1000	500	$\leq 300$
			b	c	d	e	f	g	h

Luminance Table

Gama(deg)	45	50	55	60	65	70	75	80	85
C0	10135	6765	4855	3899	3119	2200	1229	0	0
C90	9463	6029	4328	3424	2785	1881	852	0	0

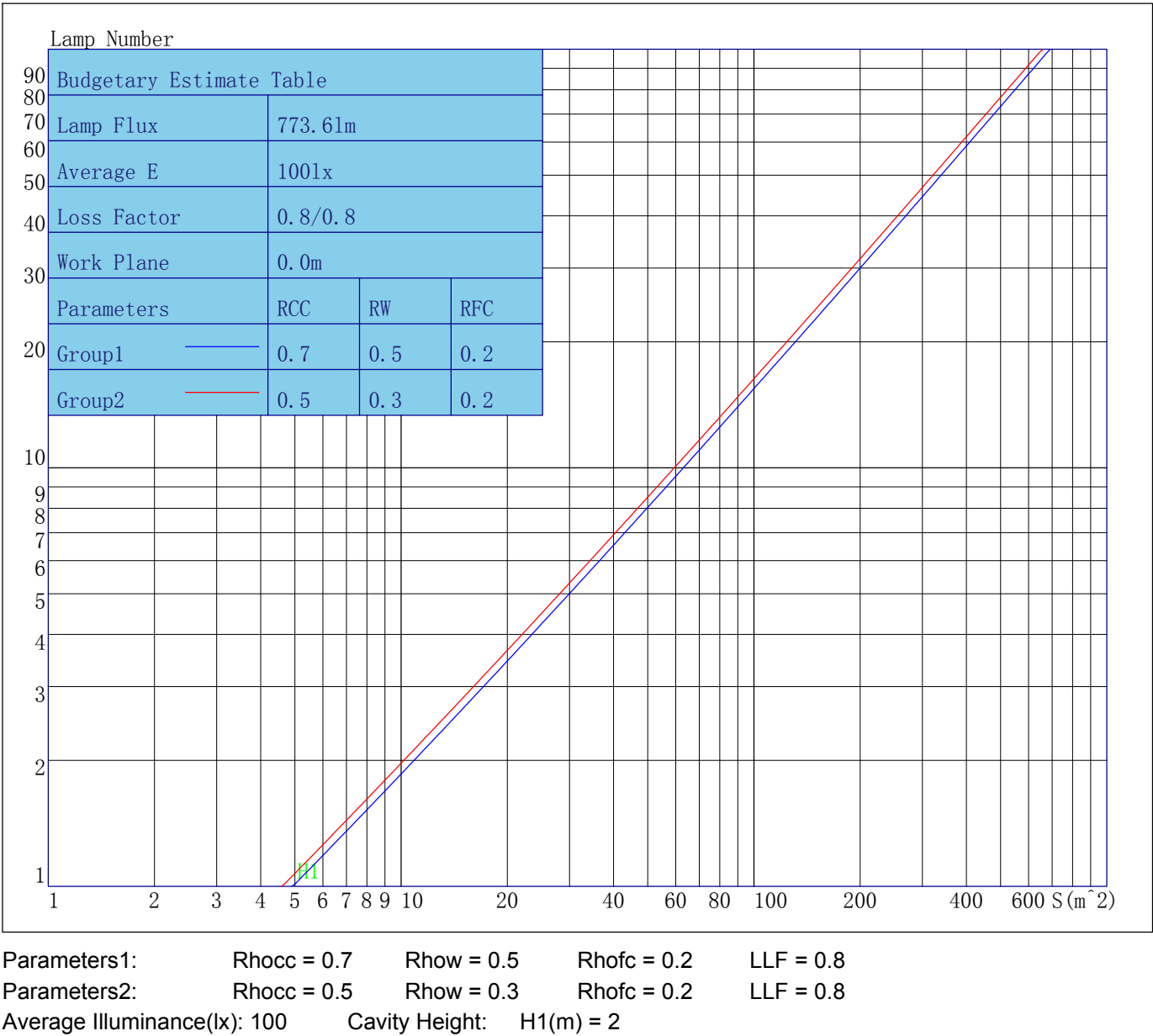
Luminance Limiting Curve



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

Indoor Budgetary Estimate Table

Lum. Name: MD10-09-XX-01 2700K 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



# IES Indoor Report

Photometric Filename:MD10-09-XX-01 2700K RA90 15D.IES

## Indoor Coefficient of Utilization Table

Lum. Name: MD10-09-XX-01 2700K 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

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	92	92	92	92	90	90	90	90	86	86	86	82	82	82	79	79	79	77
1	89	87	85	84	87	85	84	83	82	81	80	79	78	78	77	76	75	74
2	85	82	80	78	84	81	79	77	79	77	75	76	75	74	74	73	72	71
3	82	78	75	73	81	77	75	72	75	73	71	74	72	70	72	70	69	68
4	79	75	72	69	78	74	71	69	73	70	68	71	69	67	70	68	66	65
5	77	72	68	66	76	71	68	66	70	67	65	69	66	64	68	66	64	63
6	74	69	66	63	73	69	65	63	68	65	62	67	64	62	66	63	62	61
7	72	67	63	61	71	66	63	61	65	62	60	64	62	60	64	61	60	59
8	70	64	61	59	69	64	61	59	63	60	58	63	60	58	62	60	58	57
9	68	62	59	57	67	62	59	57	61	59	56	61	58	56	60	58	56	55
10	66	61	57	55	65	60	57	55	60	57	55	59	57	55	59	56	55	54

Unified Glare Rating Table

Lum. Name: MD10-09-XX-01 2700K 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	15.6	15.9	16.0	16.2	16.6	15.4	15.7	15.7	16.0	16.3
	15.8	15.9	16.1	16.3	16.6	15.4	15.6	15.8	16.0	16.3
	15.7	15.8	16.1	16.2	16.6	15.4	15.5	15.8	15.8	16.2
	15.6	15.6	16.0	16.0	16.4	15.3	15.3	15.7	15.7	16.1
	15.6	15.5	16.0	15.9	16.3	15.2	15.2	15.7	15.6	16.0
	15.5	15.4	15.9	15.8	16.2	15.2	15.1	15.6	15.5	15.9
X=4H    Y=2H	15.6	15.6	16.0	16.0	16.4	15.3	15.4	15.7	15.7	16.2
	15.8	15.7	16.2	16.1	16.5	15.5	15.3	15.9	15.8	16.2
	15.8	15.6	16.2	16.0	16.5	15.4	15.2	15.9	15.7	16.1
	15.7	15.4	16.2	15.8	16.3	15.3	15.0	15.8	15.5	16.0
	15.6	15.2	16.1	15.7	16.2	15.2	14.9	15.8	15.4	15.9
	15.5	15.1	16.0	15.6	16.1	15.2	14.7	15.7	15.3	15.8
X=8H    Y=4H	15.6	15.3	16.1	15.7	16.2	15.3	14.9	15.8	15.4	15.9
	15.6	15.1	16.1	15.6	16.0	15.2	14.7	15.8	15.3	15.6
	15.5	15.0	16.1	15.5	16.1	15.2	14.6	15.8	15.2	15.7
	15.5	14.9	16.1	15.4	16.0	15.1	14.5	15.7	15.1	15.7
X=12H    Y=4H	15.5	15.1	16.1	15.6	16.1	15.2	14.8	15.7	15.3	15.8
	15.5	14.9	16.1	15.5	16.0	15.1	14.6	15.7	15.1	15.7
	15.5	14.9	16.1	15.4	16.0	15.1	14.5	15.7	15.1	15.7
Variations with the objerver position at spacings										
S=1.0H	4.0/-17.2					4.5/-32.1				
S=1.5H	3.4/-10.1					3.9/-16.6				
S=2.0H	3.4/-7.0					3.6/-9.3				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.4					0.3				

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	4560.19	4560.19	4560.19	4560.19
γ 1.0	4556.62	4548.49	4517.21	4434.95
γ 2.0	4450.15	4486.67	4377.13	4241.15
γ 3.0	4265.75	4351.36	4160.09	3971.09
γ 4.0	4006.71	4140.91	3878.44	3662.98
γ 5.0	3693.42	3858.63	3550.38	3329.42
γ 6.0	3362.72	3530.41	3197.58	2989.24
γ 7.0	3036.55	3190.72	2854.09	2660.48
γ 8.0	2711.38	2863.23	2532.54	2346.45
γ 9.0	2399.97	2545.05	2220.83	2045.01
γ 10.0	2105.37	2249.60	1922.94	1754.59
γ 11.0	1821.05	1960.02	1640.92	1488.04
γ 12.0	1553.74	1685.29	1385.59	1242.82
γ 13.0	1312.54	1433.81	1158.62	1029.64
γ 14.0	1100.54	1207.86	964.29	851.11
γ 15.0	923.44	1015.47	806.45	708.71
γ 16.0	781.81	856.64	681.43	598.22
γ 17.0	670.58	731.22	583.30	513.64
γ 18.0	585.60	631.02	505.20	448.32
γ 19.0	517.95	552.85	441.97	393.98
γ 20.0	462.31	488.27	390.42	350.01
γ 21.0	414.35	432.82	348.61	313.35
γ 22.0	374.05	386.63	313.14	282.33
γ 23.0	340.42	347.45	282.38	255.82
γ 24.0	310.97	314.15	256.18	232.35
γ 25.0	284.99	286.38	232.83	211.16
γ 26.0	261.23	261.76	211.31	191.26
γ 27.0	238.66	238.99	191.07	172.28
γ 28.0	217.65	217.20	171.60	154.61
γ 29.0	197.56	196.58	153.53	138.68
γ 30.0	179.14	177.72	137.62	124.56
γ 31.0	162.62	160.92	123.91	111.96
γ 32.0	148.03	145.82	111.46	100.72
γ 33.0	134.42	131.86	100.38	90.73
γ 34.0	121.92	119.38	90.39	81.56
γ 35.0	110.25	107.83	81.41	73.53
γ 36.0	99.21	97.34	73.22	66.33
γ 37.0	89.73	87.43	65.95	59.87
γ 38.0	80.95	78.66	59.38	54.21
γ 39.0	73.10	70.36	53.76	49.12
γ 40.0	66.02	63.09	48.50	44.33
γ 41.0	59.68	56.75	43.78	40.03
γ 42.0	54.15	51.03	39.54	36.16
γ 43.0	48.85	45.71	35.69	32.58
γ 44.0	43.97	40.99	32.12	29.38
γ 45.0	39.42	36.80	28.75	26.58
γ 46.0	35.64	32.99	25.97	24.03

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	32.24	29.48	23.36	21.83
γ 48.0	29.12	26.45	21.16	19.81
γ 49.0	26.35	23.79	19.06	18.21
γ 50.0	23.92	21.31	17.37	16.78
γ 51.0	21.70	19.33	15.88	15.68
γ 52.0	19.76	17.56	14.41	14.60
γ 53.0	18.13	16.02	13.22	13.68
γ 54.0	16.65	14.81	12.22	12.88
γ 55.0	15.32	13.65	11.29	12.10
γ 56.0	14.32	12.71	10.37	11.38
γ 57.0	13.17	11.84	9.75	10.69
γ 58.0	12.28	11.01	9.14	10.15
γ 59.0	11.47	10.23	8.46	9.45
γ 60.0	10.72	9.42	7.92	8.88
γ 61.0	9.91	8.79	7.28	8.34
γ 62.0	9.23	8.24	6.78	7.71
γ 63.0	8.49	7.60	6.27	7.14
γ 64.0	7.92	6.92	5.68	6.63
γ 65.0	7.25	6.47	5.31	6.20
γ 66.0	6.63	5.88	4.76	5.55
γ 67.0	6.03	5.26	4.20	5.05
γ 68.0	5.35	4.76	3.65	4.41
γ 69.0	4.60	4.13	3.10	3.89
γ 70.0	4.14	3.54	2.77	3.49
γ 71.0	3.58	3.05	2.35	2.98
γ 72.0	3.17	2.58	1.92	2.50
γ 73.0	2.74	2.16	1.45	2.06
γ 74.0	2.15	1.63	1.07	1.61
γ 75.0	1.75	1.21	0.61	1.16
γ 76.0	1.22	0.68	0.23	0.55
γ 77.0	0.61	0.18	0.00	0.08
γ 78.0	0.09	0.00	0.00	0.00
γ 79.0	0.00	0.00	0.00	0.00
γ 80.0	0.00	0.00	0.00	0.00
γ 81.0	0.00	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 2700K RA90 15D.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.00	0.00	0.00	0.00
γ 142.0	0.00	0.00	0.00	0.00
γ 143.0	0.00	0.00	0.00	0.00
γ 144.0	0.00	0.00	0.04	0.26
γ 145.0	0.00	0.00	0.19	0.36
γ 146.0	0.00	0.00	0.36	0.54
γ 147.0	0.11	0.00	0.57	0.69
γ 148.0	0.26	0.00	0.73	0.90
γ 149.0	0.46	0.24	0.85	1.05
γ 150.0	0.59	0.36	0.99	1.16
γ 151.0	0.76	0.43	1.09	1.24
γ 152.0	0.93	0.61	1.20	1.27
γ 153.0	0.96	0.71	1.26	1.35
γ 154.0	1.06	0.85	1.34	1.41
γ 155.0	1.23	0.87	1.46	1.49
γ 156.0	1.32	1.03	1.53	1.53
γ 157.0	1.43	1.15	1.66	1.60
γ 158.0	1.44	1.13	1.68	1.58
γ 159.0	1.51	1.18	1.69	1.59
γ 160.0	1.50	1.25	1.73	1.66
γ 161.0	1.53	1.27	1.76	1.73
γ 162.0	1.61	1.32	1.73	1.72
γ 163.0	1.71	1.39	1.78	1.63
γ 164.0	1.65	1.41	1.79	1.72
γ 165.0	1.79	1.45	1.85	1.69
γ 166.0	1.75	1.55	1.85	1.65
γ 167.0	1.80	1.59	1.78	1.68
γ 168.0	1.87	1.62	1.76	1.67
γ 169.0	1.82	1.64	1.87	1.56
γ 170.0	1.72	1.57	1.79	1.60
γ 171.0	1.80	1.55	1.77	1.53
γ 172.0	1.76	1.57	1.69	1.54
γ 173.0	1.65	1.58	1.65	1.40
γ 174.0	1.70	1.56	1.64	1.46
γ 175.0	1.63	1.45	1.67	1.37
γ 176.0	1.61	1.48	1.59	1.44
γ 177.0	1.52	1.48	1.58	1.39
γ 178.0	1.50	1.45	1.48	1.36
γ 179.0	1.45	1.32	1.51	1.42
γ 180.0	1.48	1.48	1.48	1.48