

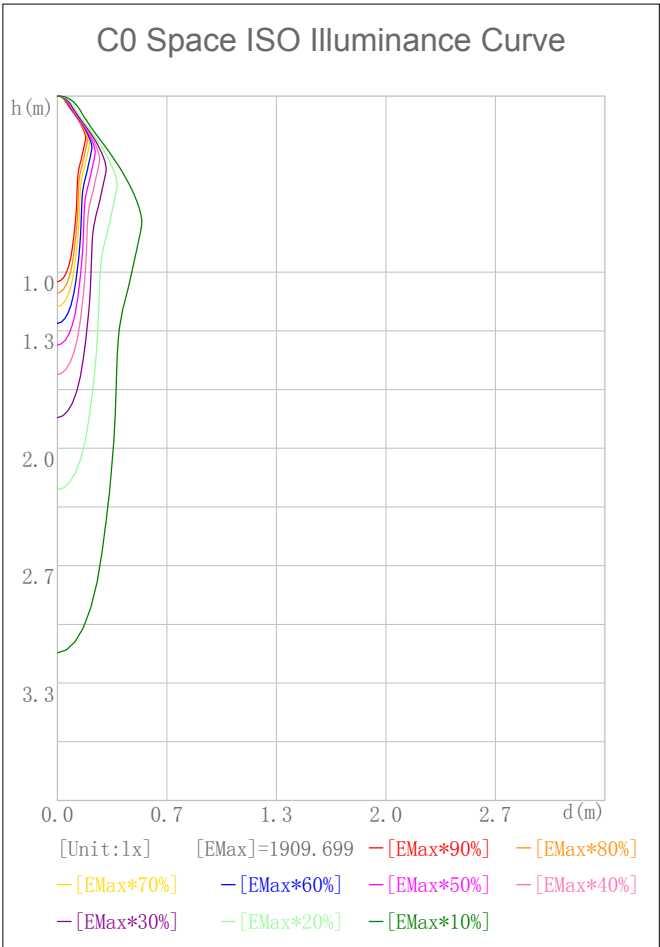
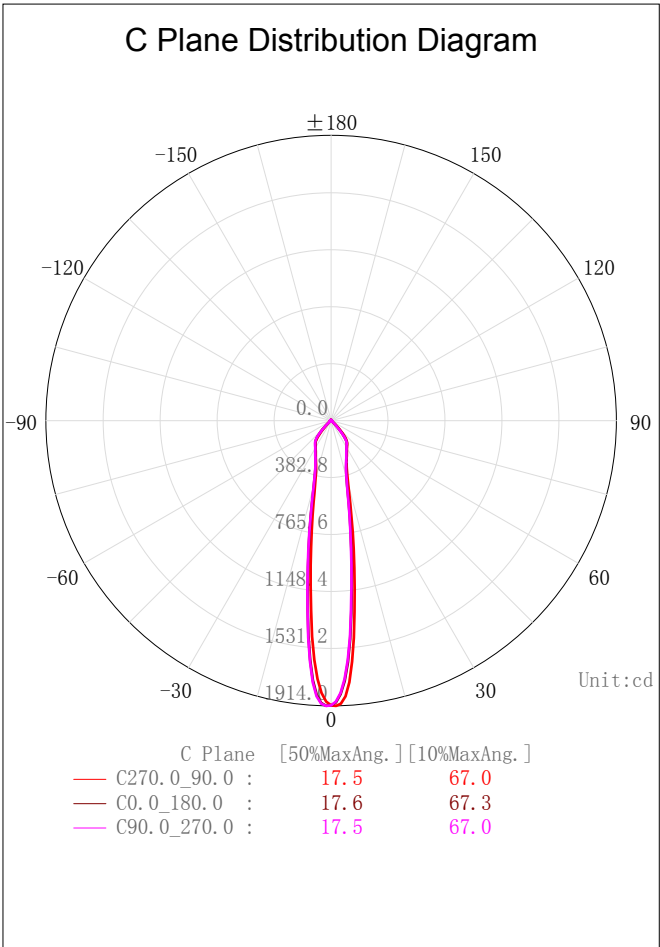
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-06-XX-02 4000K RA90 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/11/16
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*0.450m	Lum. Area (m2):0.025	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): 565.180	Luminary Flux(lm): 565.178	Field Angle(10%Imax): 67.0(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 549.264lm 97.18%
Rated Voltage(V):	Luminary EER(lm/W): 103.229	Up Lumens&Percent: 15.914lm 2.82%
Tested Power(W): 5.475	Max. Candela(cd): 1913.991	S/MH: C0_a180=0.300 C90_270=0.300
Lamps' Inside: 1	Max Cand@Ang. (°): C=270.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.3, 0.026, 0.867	Beam Angle(50%Imax): 17.5(°)	ErP Φ use(90°): 507.769lm
Lamp Size (W*L*H):0.050m*0.050m*0.450m	Left=-8.2°, Right=9.3°	IRF(%): 770.269



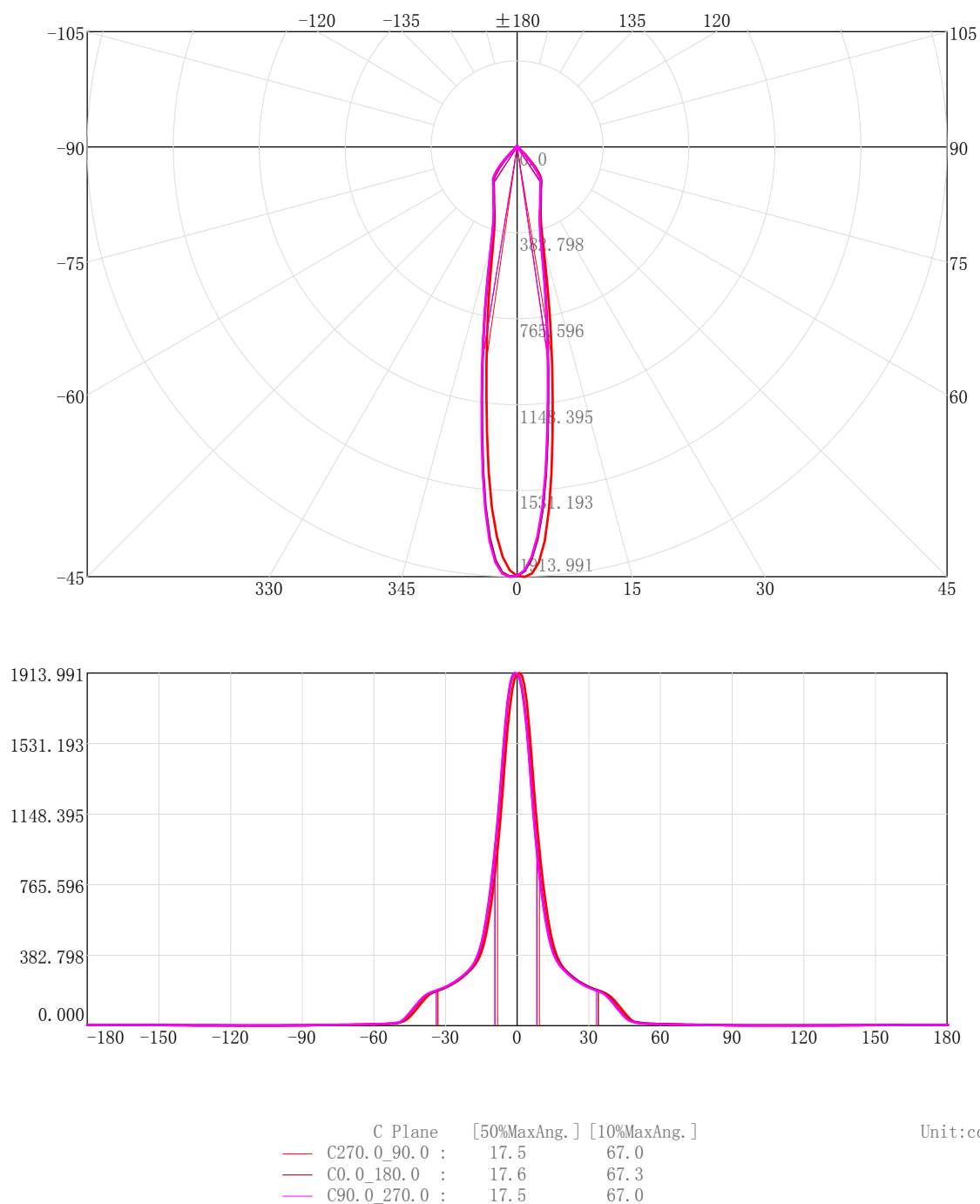
# IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 15D.IES

## 2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-06-XX-02 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: 2019/11/16

C Plane Distribution Diagram



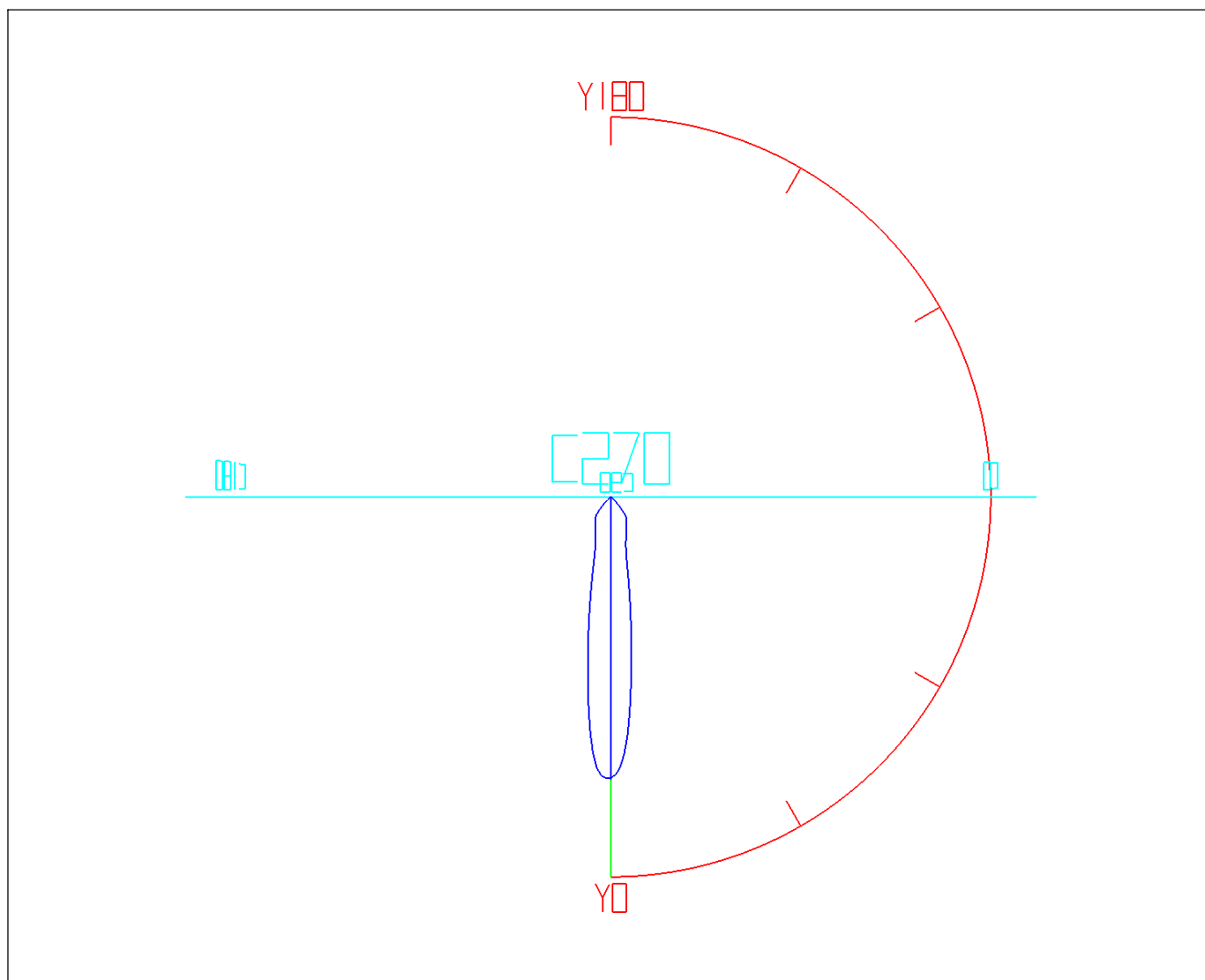
# IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 15D.IES

## 3D Light Intensity Distribution Modal

Lum. Name: MD10-06-XX-02 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: 2019/11/16

## 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

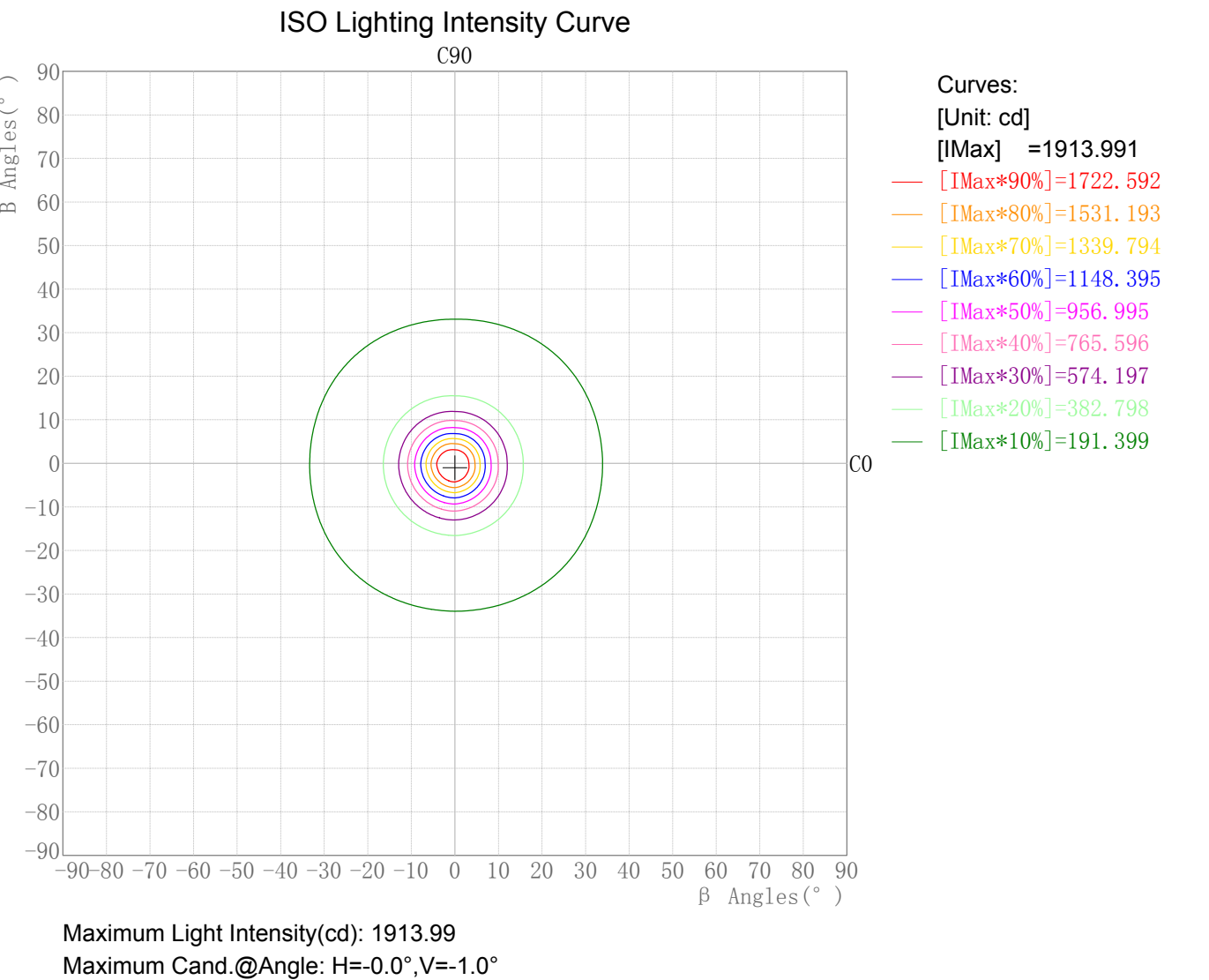
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.82	1.82	0.32	0.32	47.0-48.0	2.46	518.93	0.44	91.82
1.0-2.0	5.40	7.23	0.96	1.28	48.0-49.0	1.91	520.84	0.34	92.15
2.0-3.0	8.75	15.98	1.55	2.83	49.0-50.0	1.56	522.40	0.28	92.43
3.0-4.0	11.64	27.62	2.06	4.89	50.0-51.0	1.36	523.76	0.24	92.67
4.0-5.0	13.87	41.49	2.45	7.34	51.0-52.0	1.24	525.00	0.22	92.89
5.0-6.0	15.30	56.79	2.71	10.05	52.0-53.0	1.15	526.15	0.20	93.09
6.0-7.0	16.01	72.81	2.83	12.88	53.0-54.0	1.07	527.23	0.19	93.28
7.0-8.0	16.23	89.03	2.87	15.75	54.0-55.0	1.02	528.24	0.18	93.46
8.0-9.0	16.12	105.15	2.85	18.60	55.0-56.0	0.97	529.21	0.17	93.64
9.0-10.0	15.74	120.89	2.78	21.39	56.0-57.0	0.93	530.15	0.17	93.80
10.0-11.0	15.15	136.03	2.68	24.07	57.0-58.0	0.90	531.04	0.16	93.96
11.0-12.0	14.41	150.44	2.55	26.62	58.0-59.0	0.87	531.91	0.15	94.11
12.0-13.0	13.62	164.07	2.41	29.03	59.0-60.0	0.84	532.75	0.15	94.26
13.0-14.0	12.88	176.95	2.28	31.31	60.0-61.0	0.81	533.57	0.14	94.41
14.0-15.0	12.27	189.22	2.17	33.48	61.0-62.0	0.79	534.35	0.14	94.55
15.0-16.0	11.83	201.05	2.09	35.57	62.0-63.0	0.76	535.12	0.14	94.68
16.0-17.0	11.54	212.59	2.04	37.61	63.0-64.0	0.74	535.86	0.13	94.81
17.0-18.0	11.38	223.97	2.01	39.63	64.0-65.0	0.72	536.58	0.13	94.94
18.0-19.0	11.31	235.28	2.00	41.63	65.0-66.0	0.70	537.28	0.12	95.06
19.0-20.0	11.29	246.57	2.00	43.63	66.0-67.0	0.68	537.96	0.12	95.18
20.0-21.0	11.32	257.88	2.00	45.63	67.0-68.0	0.66	538.62	0.12	95.30
21.0-22.0	11.35	269.24	2.01	47.64	68.0-69.0	0.64	539.26	0.11	95.41
22.0-23.0	11.38	280.62	2.01	49.65	69.0-70.0	0.63	539.89	0.11	95.53
23.0-24.0	11.41	292.02	2.02	51.67	70.0-71.0	0.61	540.50	0.11	95.63
24.0-25.0	11.42	303.44	2.02	53.69	71.0-72.0	0.60	541.10	0.11	95.74
25.0-26.0	11.42	314.86	2.02	55.71	72.0-73.0	0.58	541.69	0.10	95.84
26.0-27.0	11.43	326.29	2.02	57.73	73.0-74.0	0.57	542.26	0.10	95.94
27.0-28.0	11.44	337.73	2.02	59.76	74.0-75.0	0.56	542.81	0.10	96.04
28.0-29.0	11.46	349.19	2.03	61.78	75.0-76.0	0.54	543.36	0.10	96.14
29.0-30.0	11.48	360.66	2.03	63.81	76.0-77.0	0.53	543.88	0.09	96.23
30.0-31.0	11.50	372.17	2.04	65.85	77.0-78.0	0.51	544.40	0.09	96.32
31.0-32.0	11.53	383.70	2.04	67.89	78.0-79.0	0.50	544.90	0.09	96.41
32.0-33.0	11.57	395.27	2.05	69.94	79.0-80.0	0.49	545.39	0.09	96.50
33.0-34.0	11.60	406.88	2.05	71.99	80.0-81.0	0.47	545.86	0.08	96.58
34.0-35.0	11.61	418.49	2.05	74.05	81.0-82.0	0.46	546.32	0.08	96.66
35.0-36.0	11.57	430.06	2.05	76.09	82.0-83.0	0.45	546.77	0.08	96.74
36.0-37.0	11.43	441.49	2.02	78.12	83.0-84.0	0.43	547.21	0.08	96.82
37.0-38.0	11.14	452.63	1.97	80.09	84.0-85.0	0.41	547.62	0.07	96.89
38.0-39.0	10.66	463.29	1.89	81.97	85.0-86.0	0.39	548.01	0.07	96.96
39.0-40.0	10.00	473.29	1.77	83.74	86.0-87.0	0.36	548.37	0.06	97.03
40.0-41.0	9.18	482.47	1.62	85.37	87.0-88.0	0.32	548.69	0.06	97.08
41.0-42.0	8.23	490.70	1.46	86.82	88.0-89.0	0.29	548.99	0.05	97.13
42.0-43.0	7.21	497.91	1.28	88.10	89.0-90.0	0.28	549.26	0.05	97.18
43.0-44.0	6.16	504.07	1.09	89.19	90.0-91.0	0.27	549.53	0.05	97.23
44.0-45.0	5.10	509.17	0.90	90.09	91.0-92.0	0.26	549.80	0.05	97.28
45.0-46.0	4.10	513.27	0.72	90.81	92.0-93.0	0.26	550.06	0.05	97.32
46.0-47.0	3.20	516.47	0.57	91.38	93.0-94.0	0.25	550.31	0.04	97.37

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	0.25	550.55	0.04	97.41	141.0-142.0	0.21	559.97	0.04	99.08
95.0-96.0	0.24	550.79	0.04	97.45	142.0-143.0	0.21	560.18	0.04	99.12
96.0-97.0	0.23	551.03	0.04	97.50	143.0-144.0	0.21	560.39	0.04	99.15
97.0-98.0	0.23	551.26	0.04	97.54	144.0-145.0	0.21	560.61	0.04	99.19
98.0-99.0	0.23	551.48	0.04	97.58	145.0-146.0	0.21	560.82	0.04	99.23
99.0-100.0	0.22	551.70	0.04	97.62	146.0-147.0	0.21	561.03	0.04	99.27
100.0-101.0	0.22	551.92	0.04	97.65	147.0-148.0	0.21	561.24	0.04	99.30
101.0-102.0	0.21	552.13	0.04	97.69	148.0-149.0	0.21	561.45	0.04	99.34
102.0-103.0	0.21	552.34	0.04	97.73	149.0-150.0	0.21	561.66	0.04	99.38
103.0-104.0	0.21	552.55	0.04	97.77	150.0-151.0	0.20	561.86	0.04	99.41
104.0-105.0	0.21	552.76	0.04	97.80	151.0-152.0	0.20	562.06	0.04	99.45
105.0-106.0	0.20	552.96	0.04	97.84	152.0-153.0	0.20	562.26	0.03	99.48
106.0-107.0	0.20	553.16	0.04	97.87	153.0-154.0	0.19	562.45	0.03	99.52
107.0-108.0	0.20	553.36	0.04	97.91	154.0-155.0	0.19	562.64	0.03	99.55
108.0-109.0	0.20	553.56	0.04	97.94	155.0-156.0	0.18	562.82	0.03	99.58
109.0-110.0	0.20	553.76	0.03	97.98	156.0-157.0	0.18	563.00	0.03	99.61
110.0-111.0	0.20	553.95	0.03	98.01	157.0-158.0	0.17	563.18	0.03	99.65
111.0-112.0	0.19	554.15	0.03	98.05	158.0-159.0	0.17	563.34	0.03	99.67
112.0-113.0	0.19	554.34	0.03	98.08	159.0-160.0	0.16	563.50	0.03	99.70
113.0-114.0	0.19	554.53	0.03	98.12	160.0-161.0	0.16	563.66	0.03	99.73
114.0-115.0	0.19	554.72	0.03	98.15	161.0-162.0	0.15	563.81	0.03	99.76
115.0-116.0	0.19	554.91	0.03	98.18	162.0-163.0	0.14	563.95	0.03	99.78
116.0-117.0	0.19	555.10	0.03	98.22	163.0-164.0	0.14	564.08	0.02	99.81
117.0-118.0	0.19	555.29	0.03	98.25	164.0-165.0	0.13	564.21	0.02	99.83
118.0-119.0	0.19	555.48	0.03	98.28	165.0-166.0	0.12	564.33	0.02	99.85
119.0-120.0	0.19	555.67	0.03	98.32	166.0-167.0	0.11	564.45	0.02	99.87
120.0-121.0	0.19	555.85	0.03	98.35	167.0-168.0	0.11	564.55	0.02	99.89
121.0-122.0	0.19	556.04	0.03	98.38	168.0-169.0	0.10	564.65	0.02	99.91
122.0-123.0	0.19	556.23	0.03	98.42	169.0-170.0	0.09	564.74	0.02	99.92
123.0-124.0	0.19	556.42	0.03	98.45	170.0-171.0	0.08	564.83	0.01	99.94
124.0-125.0	0.19	556.61	0.03	98.48	171.0-172.0	0.07	564.90	0.01	99.95
125.0-126.0	0.19	556.79	0.03	98.52	172.0-173.0	0.07	564.96	0.01	99.96
126.0-127.0	0.19	556.98	0.03	98.55	173.0-174.0	0.06	565.02	0.01	99.97
127.0-128.0	0.19	557.17	0.03	98.58	174.0-175.0	0.05	565.07	0.01	99.98
128.0-129.0	0.19	557.36	0.03	98.62	175.0-176.0	0.04	565.11	0.01	99.99
129.0-130.0	0.19	557.55	0.03	98.65	176.0-177.0	0.03	565.14	0.01	99.99
130.0-131.0	0.19	557.75	0.03	98.68	177.0-178.0	0.02	565.16	0.00	100.00
131.0-132.0	0.19	557.94	0.03	98.72	178.0-179.0	0.01	565.17	0.00	100.00
132.0-133.0	0.19	558.13	0.03	98.75	179.0-180.0	0.00	565.18	0.00	100.00
133.0-134.0	0.20	558.33	0.03	98.79					
134.0-135.0	0.20	558.53	0.04	98.82					
135.0-136.0	0.20	558.73	0.04	98.86					
136.0-137.0	0.20	558.93	0.04	98.89					
137.0-138.0	0.20	559.13	0.04	98.93					
138.0-139.0	0.21	559.34	0.04	98.97					
139.0-140.0	0.21	559.55	0.04	99.00					
140.0-141.0	0.21	559.76	0.04	99.04					

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-06-XX-02 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: 2019/11/16



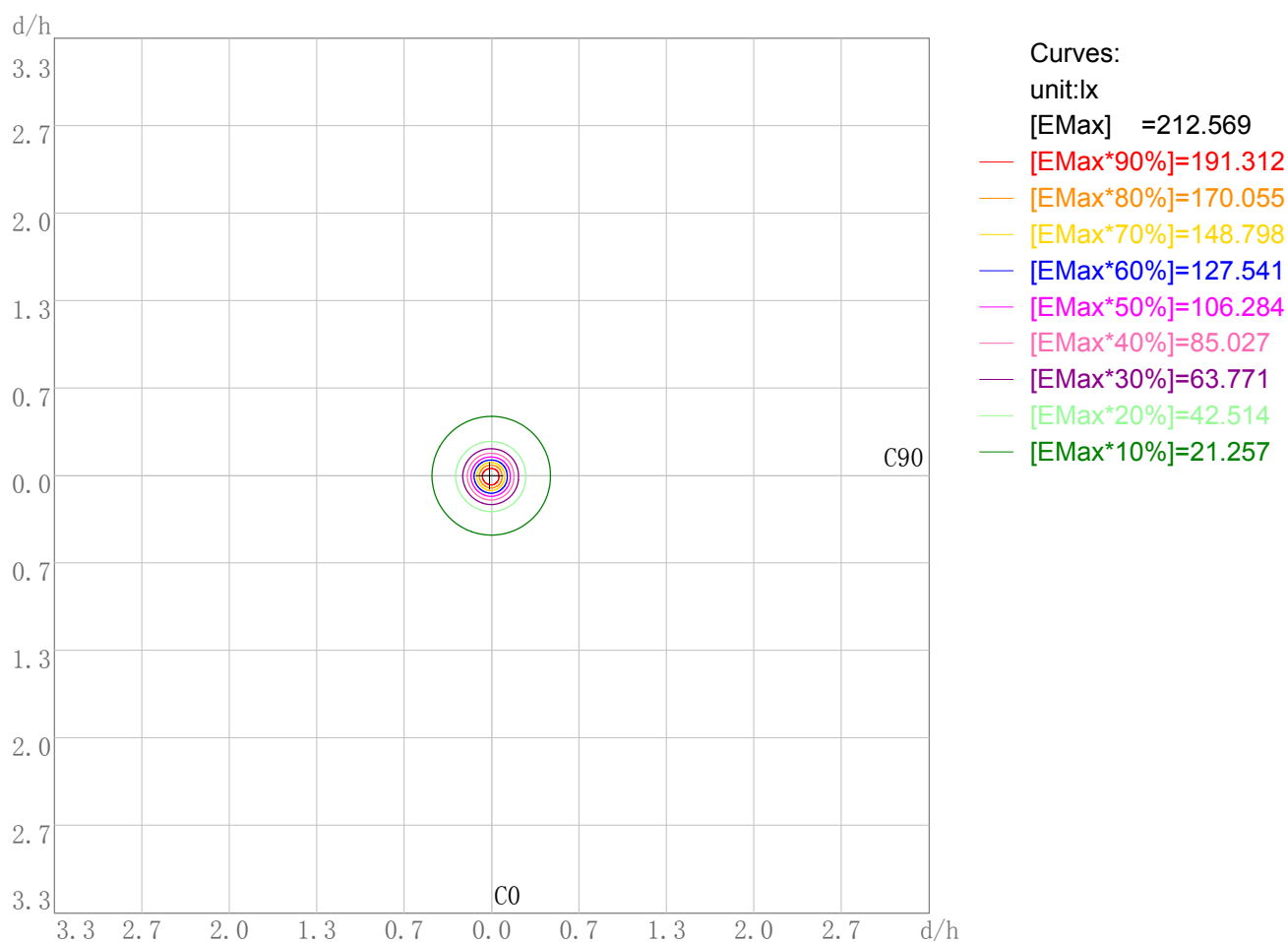
# IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 15D.IES

## Plane ISO-Illuminance Diagram

Lum. Name: MD10-06-XX-02 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: 2019/11/16

## Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 212.57

Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

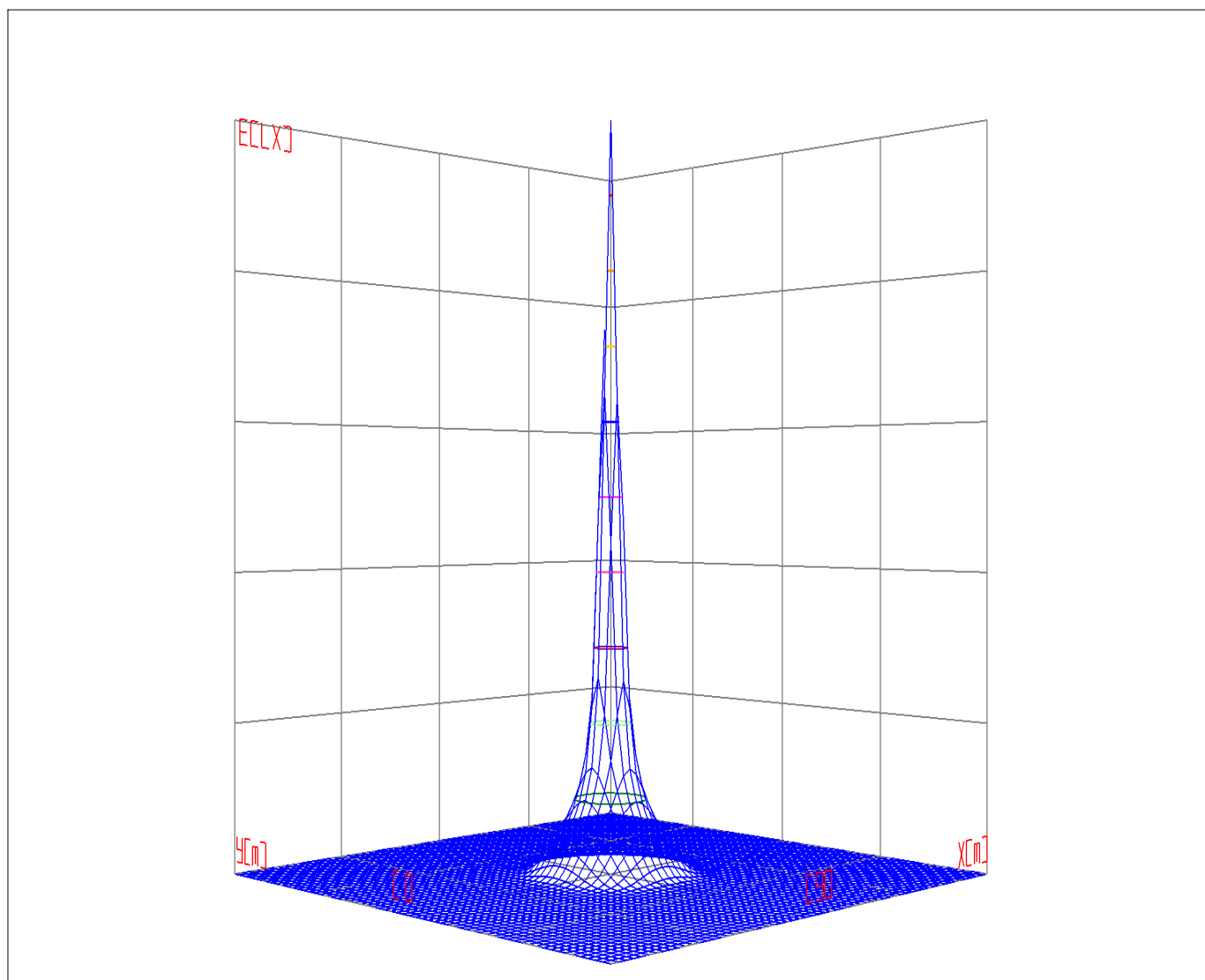
# IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 15D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: MD10-06-XX-02 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: 2019/11/16

## 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



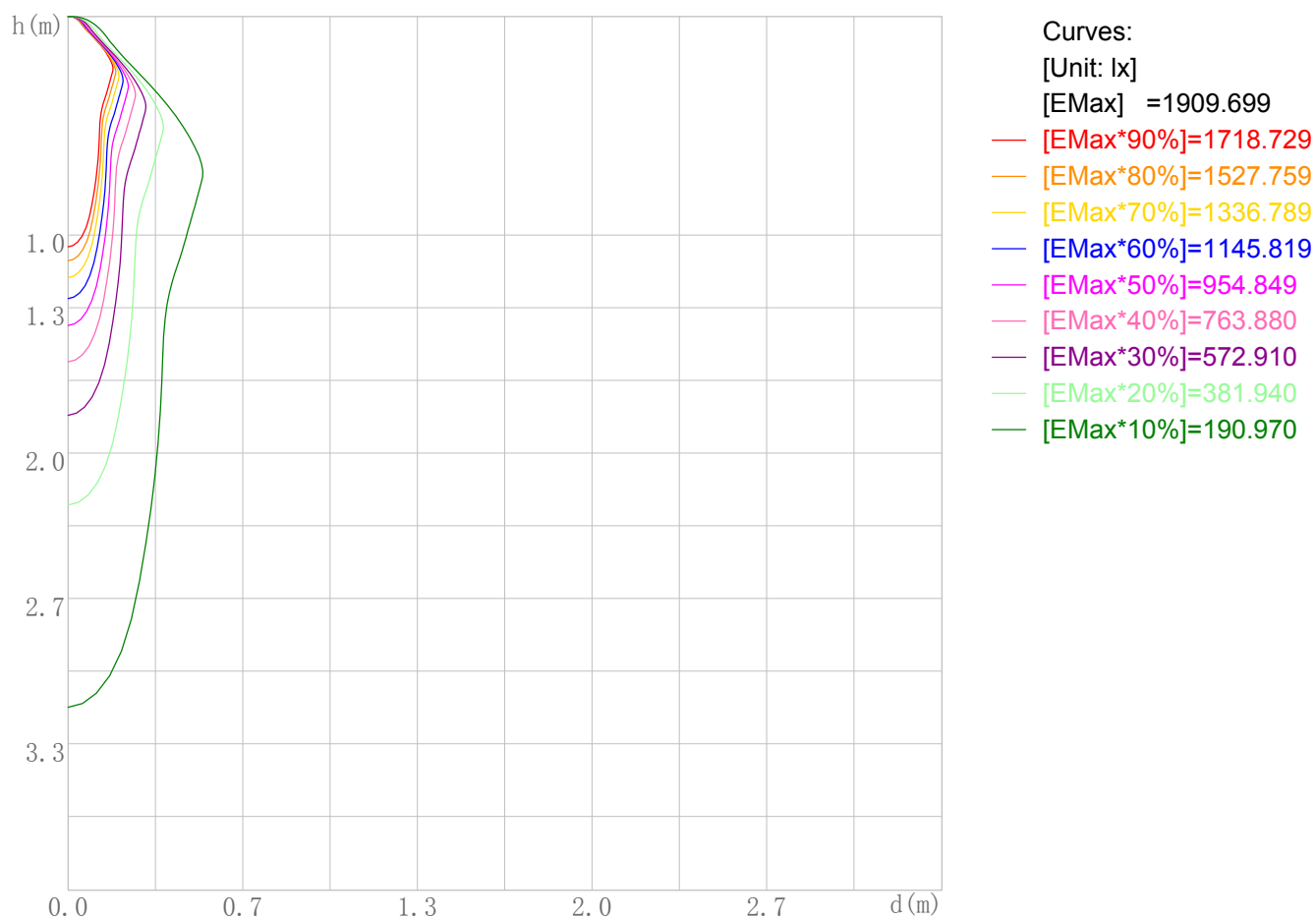
# IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 15D.IES

## Space ISO Illuminance Diagram

Lum. Name: MD10-06-XX-02 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: 2019/11/16

## Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1909.70lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:1909.699cd,0deg

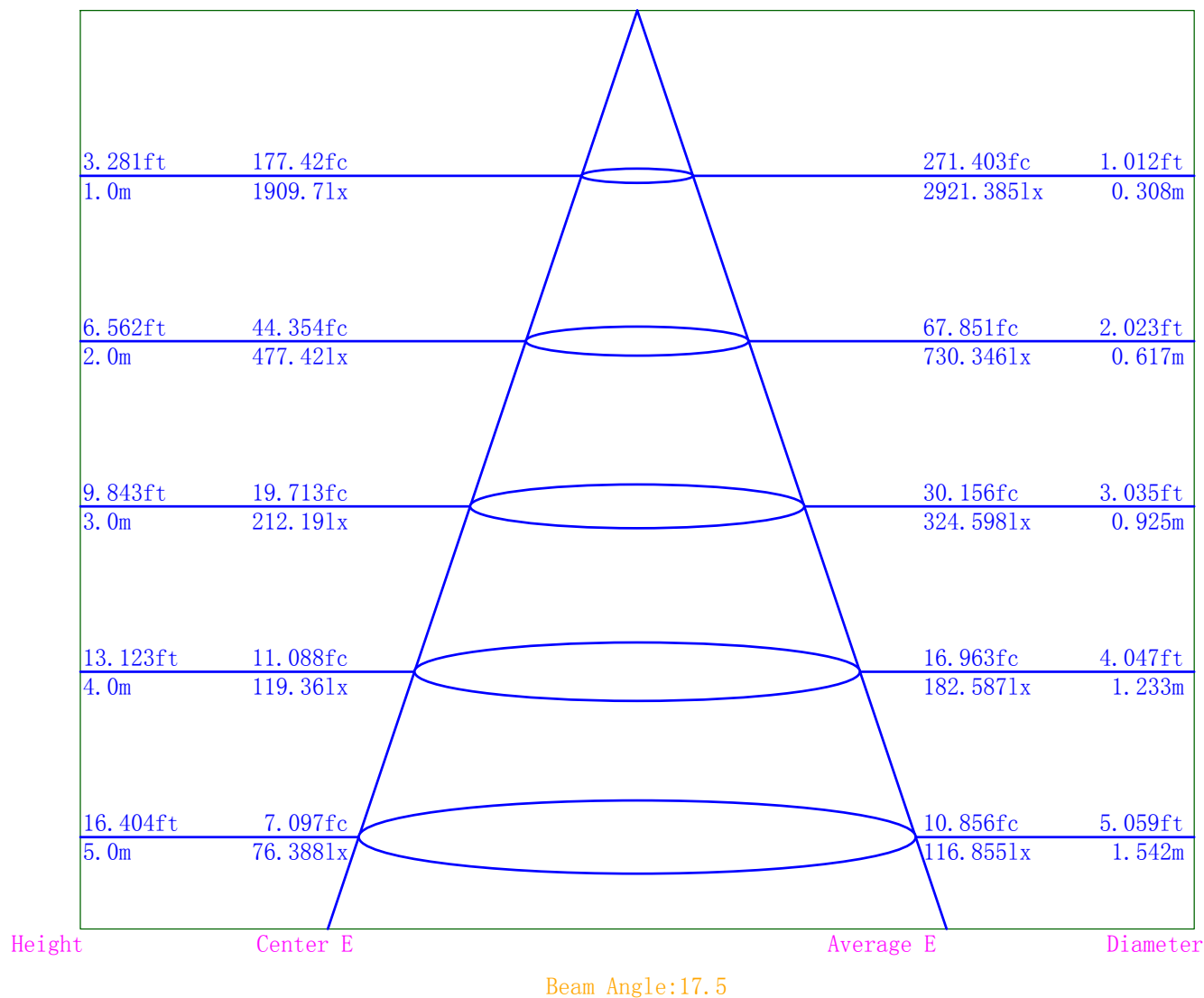
# IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 15D.IES

## Illuminance-Distance Diagram

Lum. Name: MD10-06-XX-02 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: 2019/11/16

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 15D.IES

## Indoor Luminance Limiting Curves

Lum. Name: MD10-06-XX-02 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: 2019/11/16

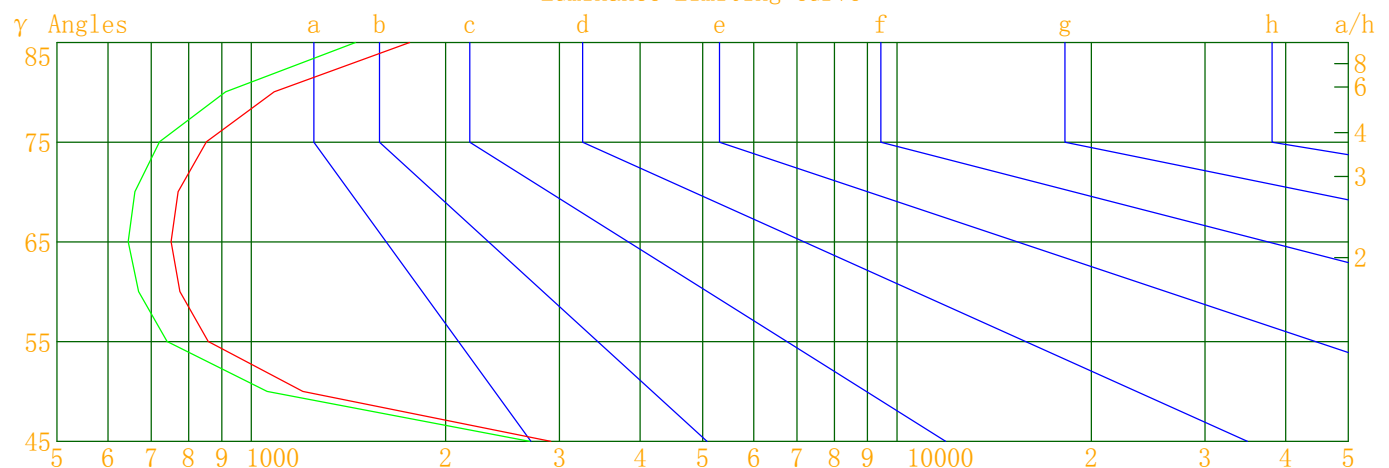
Glare Grade Table

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	2910	1202	858	775	751	770	852	1085	1759
C90	2698	1058	741	669	644	660	721	913	1450

Luminance Limiting Curve



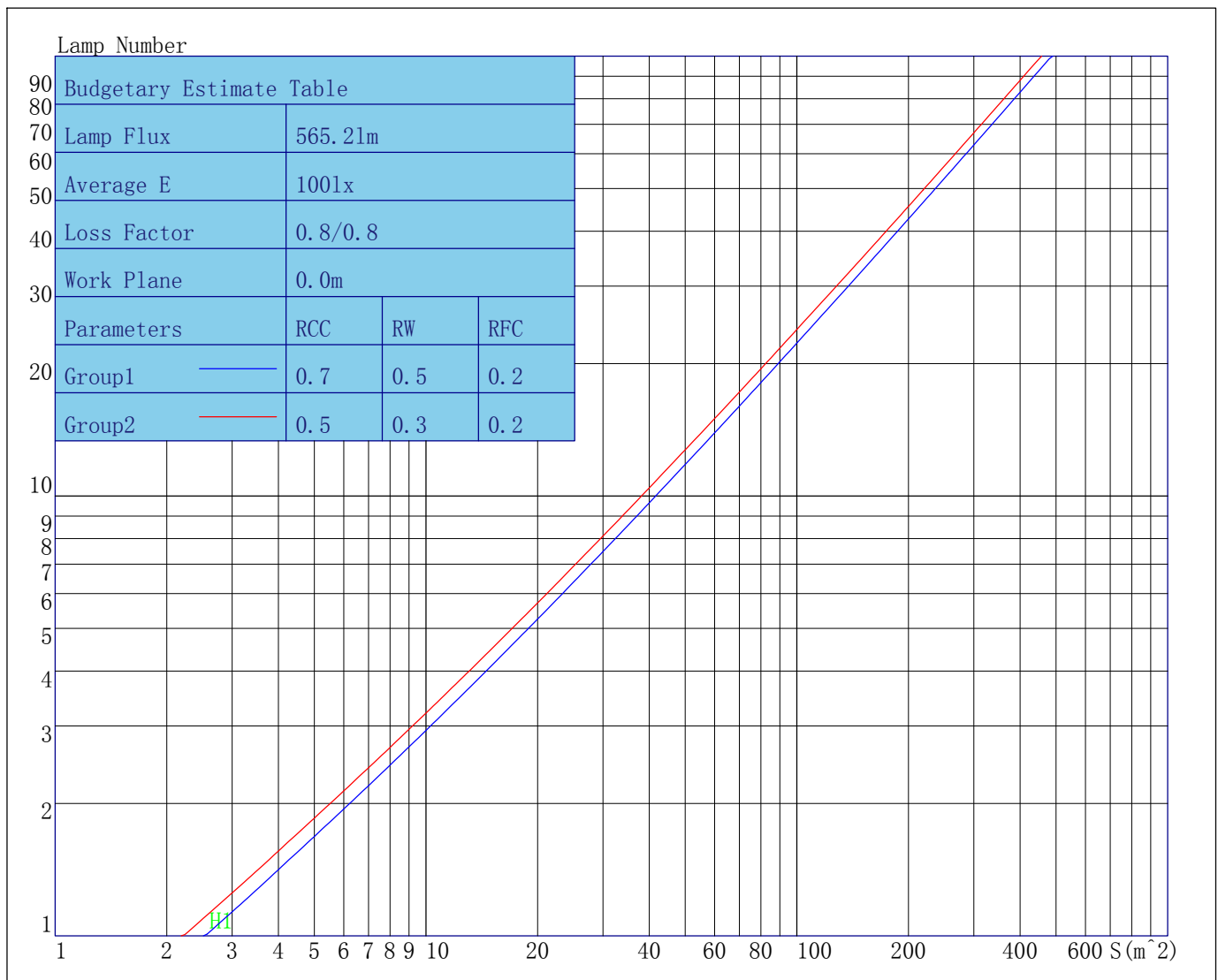
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.450 Area(m<sup>2</sup>)=0.025000  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 15D.IES

## Indoor Budgetary Estimate Table

Lum. Name: MD10-06-XX-02 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: 2019/11/16



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:MD10-06-XX-02 4000K RA90 15D.IES

## Indoor Coefficient of Utilization Table

Lum. Name: MD10-06-XX-02 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: 2019/11/16

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	118	118	118	118	115	115	115	115	110	110	110	104	104	104	99	99	99	97
1	112	109	107	104	110	107	105	103	102	101	99	98	97	95	94	93	92	90
2	107	102	97	94	104	100	96	93	96	93	90	93	90	88	89	87	86	84
3	101	95	90	86	99	93	88	85	90	86	83	87	84	81	85	82	80	78
4	96	89	83	79	94	87	82	78	85	80	77	82	79	76	80	77	75	73
5	92	83	77	73	90	82	77	73	80	75	72	78	74	71	76	73	70	68
6	87	78	73	68	86	78	72	68	76	71	67	74	70	67	73	69	66	64
7	83	74	68	64	82	73	68	64	72	67	63	70	66	63	69	65	62	61
8	80	70	65	60	78	70	64	60	68	63	60	67	63	59	66	62	59	58
9	76	67	61	57	75	66	61	57	65	60	57	64	60	56	63	59	56	55
10	73	64	58	54	72	63	58	54	62	57	54	61	57	54	60	56	54	52

Unified Glare Rating Table

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

Unified Glare Rating Table

Table with 11 columns for room dimensions and UGR values. Includes sections for variations with observer position and reduced UGR table.

to 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	1909.70	1909.70	1909.70	1909.70
γ 1.0	1889.67	1884.97	1912.27	1913.99
γ 2.0	1836.04	1827.86	1895.27	1900.05
γ 3.0	1747.13	1735.28	1842.88	1851.95
γ 4.0	1623.93	1609.32	1745.46	1759.02
γ 5.0	1470.85	1453.67	1608.81	1622.42
γ 6.0	1299.58	1280.58	1448.46	1463.65
γ 7.0	1137.17	1120.29	1277.31	1293.49
γ 8.0	996.49	980.48	1124.31	1138.90
γ 9.0	870.17	855.36	988.05	1000.22
γ 10.0	759.14	746.20	862.88	873.96
γ 11.0	660.08	649.51	750.98	760.68
γ 12.0	575.08	565.02	651.72	660.62
γ 13.0	503.75	495.09	566.72	574.10
γ 14.0	446.99	440.18	496.10	502.74
γ 15.0	404.53	398.53	439.91	445.78
γ 16.0	372.97	367.13	397.42	401.98
γ 17.0	349.00	343.95	364.24	368.31
γ 18.0	329.91	325.60	338.33	341.92
γ 19.0	314.07	309.85	318.14	321.35
γ 20.0	300.68	296.59	301.80	305.08
γ 21.0	288.59	284.21	288.71	291.58
γ 22.0	277.01	273.13	276.89	279.57
γ 23.0	265.96	262.17	266.33	269.08
γ 24.0	256.01	252.00	256.13	258.97
γ 25.0	246.34	242.83	246.69	249.30
γ 26.0	238.23	234.49	237.38	240.11
γ 27.0	230.04	226.71	229.24	232.10
γ 28.0	223.10	219.66	221.96	224.69
γ 29.0	216.82	213.27	214.75	217.45
γ 30.0	210.63	206.99	209.10	211.37
γ 31.0	205.05	201.52	202.82	205.92
γ 32.0	199.89	196.37	198.05	200.85
γ 33.0	195.32	191.83	192.94	195.85
γ 34.0	191.02	187.15	188.36	191.16
γ 35.0	186.40	182.51	183.12	186.21
γ 36.0	180.20	175.95	178.05	181.30
γ 37.0	170.98	166.64	172.57	176.03
γ 38.0	159.27	154.65	165.39	169.05
γ 39.0	144.87	140.23	156.19	159.90
γ 40.0	129.61	124.89	143.65	147.68
γ 41.0	113.40	108.59	129.55	133.59
γ 42.0	97.16	92.54	113.78	117.80
γ 43.0	80.97	76.67	97.79	101.90
γ 44.0	65.64	61.42	82.06	86.01
γ 45.0	51.44	47.70	66.52	70.26
γ 46.0	39.73	36.32	51.79	55.19

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	31.22	28.15	38.27	41.26
γ 48.0	25.55	22.78	26.83	29.59
γ 49.0	21.91	19.41	18.75	21.29
γ 50.0	19.31	17.00	14.72	17.00
γ 51.0	17.22	15.07	13.10	15.20
γ 52.0	15.68	13.66	12.04	14.02
γ 53.0	14.10	12.23	11.14	12.96
γ 54.0	13.05	11.28	10.42	12.13
γ 55.0	12.30	10.62	9.78	11.41
γ 56.0	11.64	10.05	9.30	10.84
γ 57.0	11.09	9.57	8.86	10.30
γ 58.0	10.58	9.12	8.45	9.85
γ 59.0	10.11	8.73	8.07	9.38
γ 60.0	9.69	8.36	7.72	9.00
γ 61.0	9.31	8.03	7.42	8.65
γ 62.0	8.93	7.69	7.14	8.31
γ 63.0	8.57	7.38	6.86	7.98
γ 64.0	8.24	7.09	6.59	7.68
γ 65.0	7.94	6.81	6.37	7.41
γ 66.0	7.63	6.54	6.16	7.15
γ 67.0	7.35	6.31	5.97	6.92
γ 68.0	7.09	6.08	5.79	6.71
γ 69.0	6.84	5.86	5.62	6.53
γ 70.0	6.59	5.65	5.49	6.36
γ 71.0	6.36	5.43	5.38	6.22
γ 72.0	6.14	5.24	5.25	6.09
γ 73.0	5.92	5.04	5.13	5.94
γ 74.0	5.72	4.86	5.01	5.79
γ 75.0	5.51	4.67	4.89	5.66
γ 76.0	5.33	4.50	4.76	5.51
γ 77.0	5.16	4.35	4.64	5.37
γ 78.0	5.00	4.21	4.51	5.22
γ 79.0	4.83	4.07	4.38	5.07
γ 80.0	4.71	3.96	4.23	4.92
γ 81.0	4.56	3.83	4.11	4.78
γ 82.0	4.45	3.75	3.97	4.62
γ 83.0	4.25	3.55	3.88	4.52
γ 84.0	4.12	3.42	3.71	4.32
γ 85.0	3.83	3.16	3.55	4.15
γ 86.0	3.55	2.89	3.36	3.96
γ 87.0	3.19	2.55	3.10	3.68
γ 88.0	2.87	2.24	2.75	3.30
γ 89.0	2.78	2.17	2.43	2.98
γ 90.0	2.71	2.12	2.30	2.85
γ 91.0	2.64	2.08	2.25	2.77
γ 92.0	2.58	2.03	2.18	2.71
γ 93.0	2.54	1.99	2.14	2.63



# IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 15D.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.48	1.95	2.09	2.57
γ 95.0	2.42	1.92	2.04	2.50
γ 96.0	2.38	1.88	1.99	2.44
γ 97.0	2.34	1.85	1.96	2.39
γ 98.0	2.29	1.83	1.91	2.35
γ 99.0	2.26	1.80	1.87	2.30
γ 100.0	2.23	1.78	1.85	2.25
γ 101.0	2.20	1.76	1.83	2.22
γ 102.0	2.17	1.74	1.80	2.18
γ 103.0	2.15	1.73	1.79	2.16
γ 104.0	2.13	1.73	1.77	2.13
γ 105.0	2.12	1.72	1.76	2.11
γ 106.0	2.11	1.72	1.76	2.10
γ 107.0	2.09	1.71	1.75	2.09
γ 108.0	2.09	1.71	1.75	2.07
γ 109.0	2.08	1.71	1.76	2.07
γ 110.0	2.07	1.71	1.76	2.06
γ 111.0	2.06	1.72	1.77	2.07
γ 112.0	2.06	1.72	1.78	2.07
γ 113.0	2.05	1.71	1.79	2.07
γ 114.0	2.05	1.72	1.80	2.08
γ 115.0	2.05	1.73	1.83	2.08
γ 116.0	2.04	1.73	1.85	2.10
γ 117.0	2.04	1.73	1.85	2.10
γ 118.0	2.05	1.74	1.88	2.12
γ 119.0	2.05	1.75	1.90	2.13
γ 120.0	2.06	1.77	1.93	2.15
γ 121.0	2.07	1.79	1.95	2.17
γ 122.0	2.08	1.81	1.98	2.19
γ 123.0	2.10	1.83	2.02	2.22
γ 124.0	2.12	1.87	2.04	2.23
γ 125.0	2.15	1.90	2.07	2.26
γ 126.0	2.18	1.94	2.10	2.29
γ 127.0	2.20	1.96	2.15	2.32
γ 128.0	2.23	2.01	2.18	2.35
γ 129.0	2.29	2.05	2.23	2.38
γ 130.0	2.33	2.11	2.27	2.42
γ 131.0	2.37	2.16	2.33	2.47
γ 132.0	2.42	2.21	2.38	2.51
γ 133.0	2.48	2.27	2.43	2.57
γ 134.0	2.54	2.33	2.50	2.63
γ 135.0	2.61	2.40	2.57	2.68
γ 136.0	2.67	2.47	2.63	2.76
γ 137.0	2.74	2.55	2.72	2.83
γ 138.0	2.81	2.64	2.79	2.90
γ 139.0	2.90	2.72	2.89	2.99
γ 140.0	2.97	2.81	2.98	3.08

# IES Indoor Report

Photometric Filename:MD10-06-XX-02 4000K RA90 15D.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.06	2.90	3.07	3.16
γ 142.0	3.15	2.99	3.16	3.24
γ 143.0	3.23	3.08	3.24	3.33
γ 144.0	3.32	3.15	3.34	3.43
γ 145.0	3.39	3.25	3.42	3.51
γ 146.0	3.47	3.32	3.51	3.59
γ 147.0	3.55	3.39	3.59	3.66
γ 148.0	3.62	3.47	3.66	3.72
γ 149.0	3.69	3.55	3.72	3.79
γ 150.0	3.75	3.61	3.78	3.84
γ 151.0	3.81	3.68	3.84	3.90
γ 152.0	3.87	3.73	3.89	3.95
γ 153.0	3.92	3.79	3.94	4.00
γ 154.0	3.97	3.84	3.99	4.04
γ 155.0	4.01	3.89	4.03	4.09
γ 156.0	4.06	3.93	4.08	4.13
γ 157.0	4.10	3.98	4.13	4.17
γ 158.0	4.15	4.03	4.17	4.21
γ 159.0	4.19	4.06	4.21	4.25
γ 160.0	4.23	4.10	4.24	4.28
γ 161.0	4.27	4.15	4.28	4.33
γ 162.0	4.32	4.19	4.31	4.35
γ 163.0	4.35	4.23	4.35	4.39
γ 164.0	4.39	4.27	4.38	4.42
γ 165.0	4.43	4.30	4.42	4.45
γ 166.0	4.46	4.34	4.45	4.48
γ 167.0	4.49	4.38	4.48	4.52
γ 168.0	4.52	4.39	4.51	4.54
γ 169.0	4.54	4.43	4.53	4.56
γ 170.0	4.55	4.45	4.56	4.58
γ 171.0	4.56	4.46	4.57	4.60
γ 172.0	4.57	4.46	4.58	4.61
γ 173.0	4.59	4.46	4.59	4.61
γ 174.0	4.58	4.46	4.59	4.61
γ 175.0	4.57	4.47	4.59	4.61
γ 176.0	4.58	4.47	4.59	4.60
γ 177.0	4.57	4.48	4.59	4.59
γ 178.0	4.57	4.48	4.58	4.60
γ 179.0	4.58	4.49	4.58	4.59
γ 180.0	4.57	4.57	4.57	4.57