

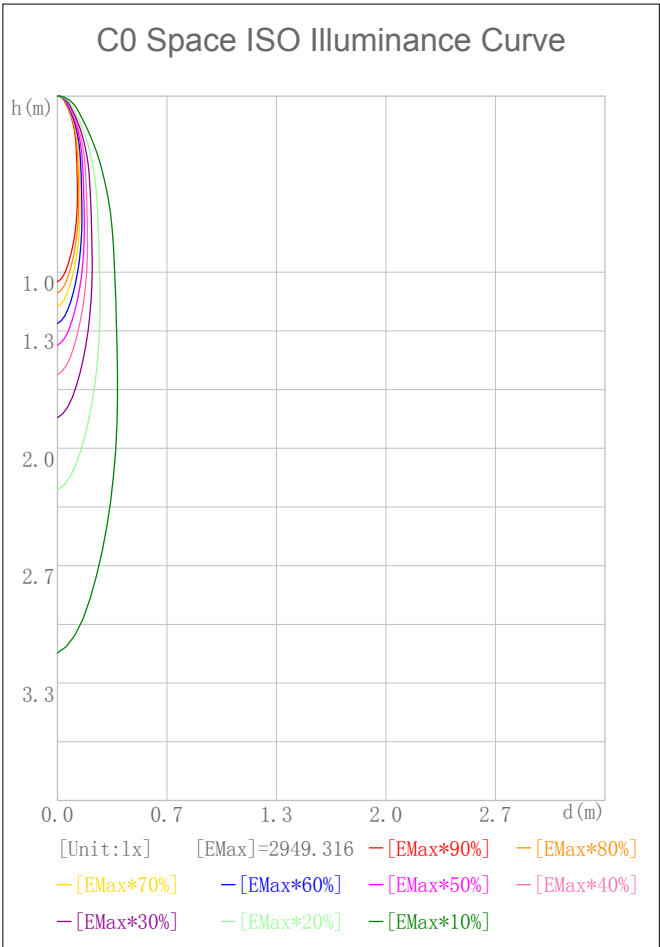
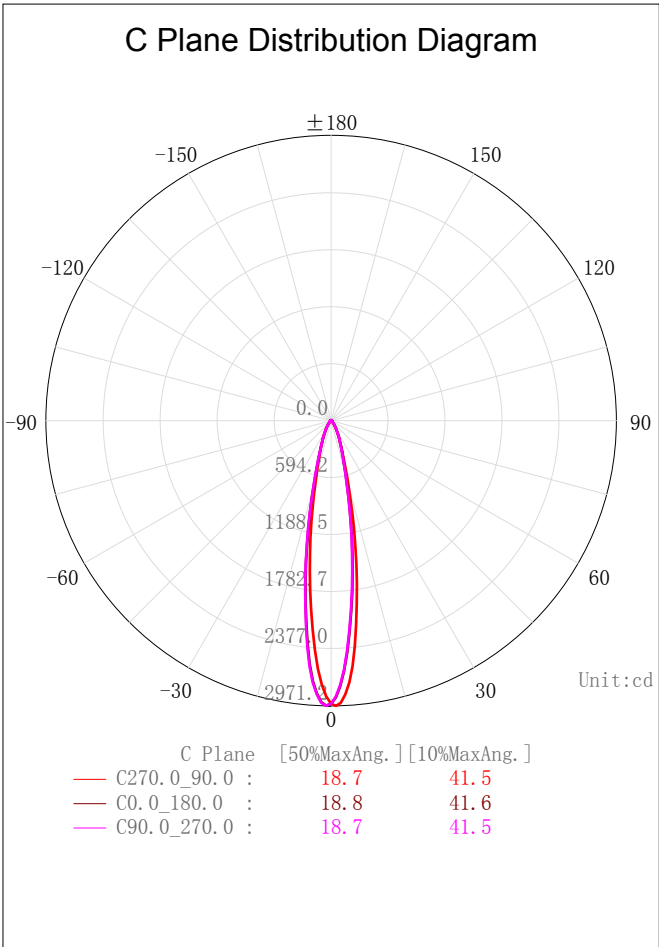
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-06-XX-01 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

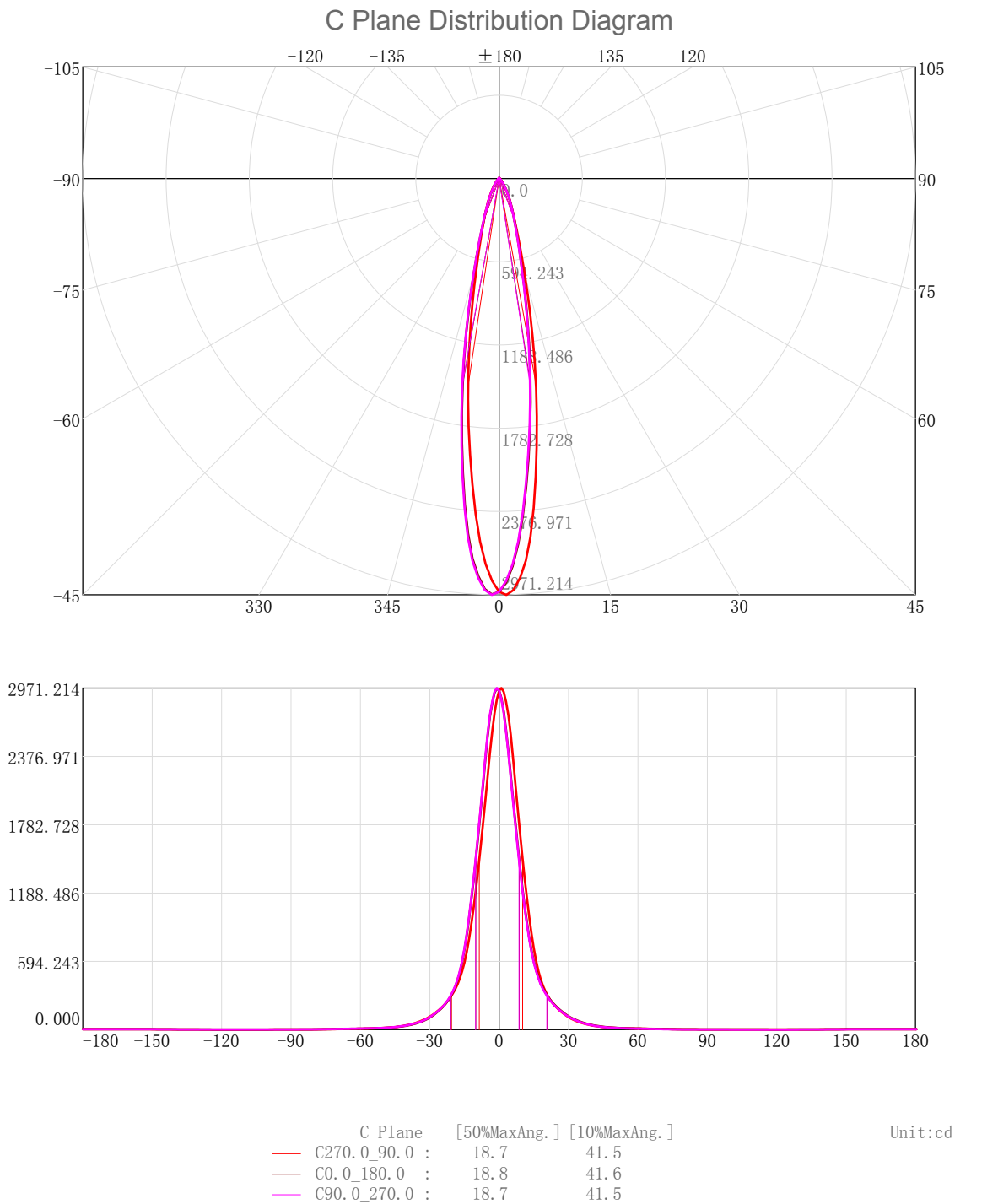
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 573.950	Luminary Flux(lm): 573.948	Field Angle(10%Imax): 41.5(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 558.446lm 97.30%	
Rated Voltage(V):	Luminary EER(lm/W): 104.926	Up Lumens&Percent: 15.501lm 2.70%	
Tested Power(W): 5.470	Max. Candela(cd): 2971.214	S/MH: C0_a180=0.322 C90_270=0.321	
Lamps' Inside: 1	Max Cand@Ang. (°): C=270.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.2, 0.026, 0.866	Beam Angle(50%Imax): 18.7(°)	ErP Φ use(90°): 521.807lm	
Lamp Size (W*L*H):0.050m*0.050m*0.450m	Left=-8.6°, Right=10.2°	IRF(%): 1178.046	



2D Plane Light Intensity Distribution Curve

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



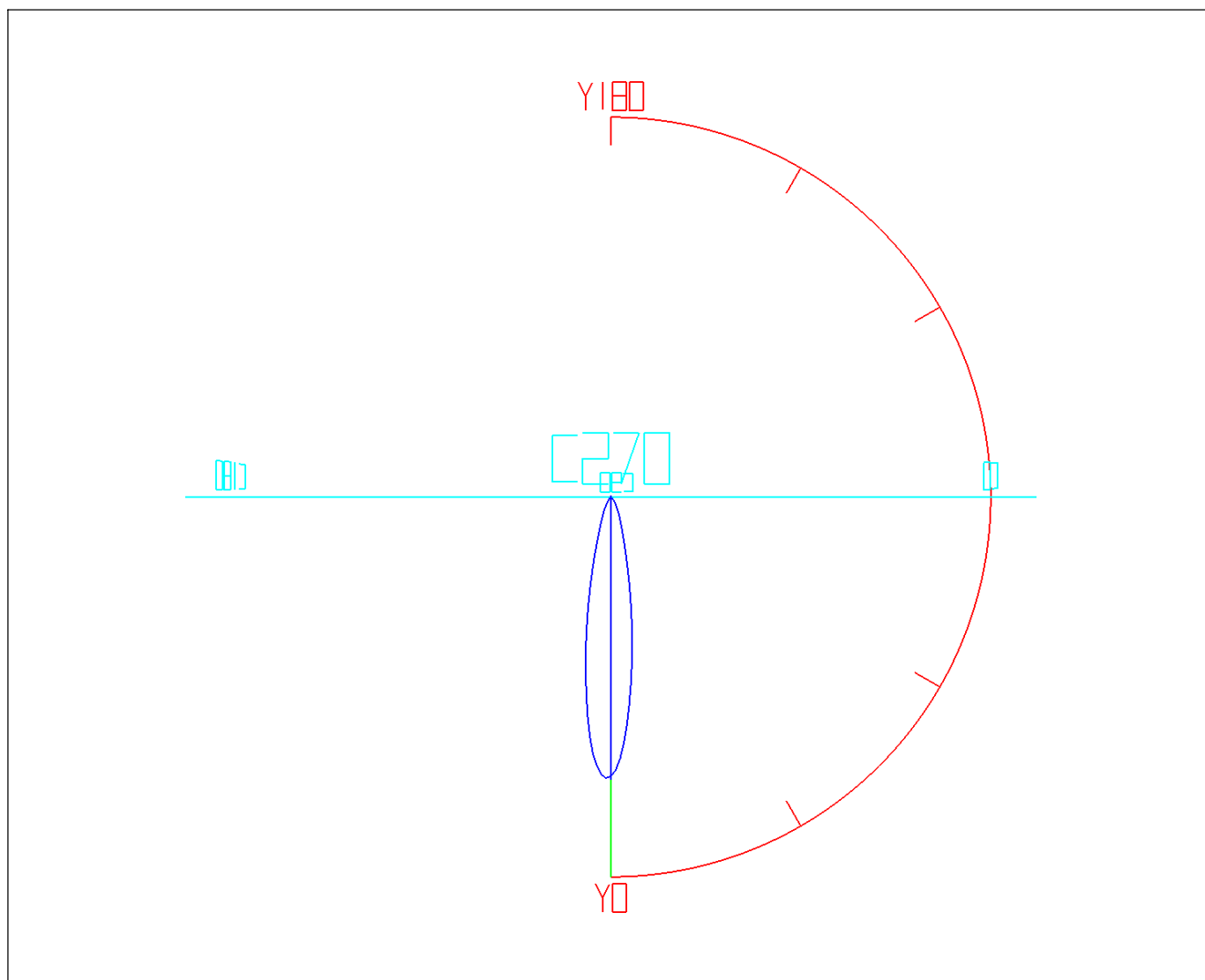
IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 15D.IES

3D Light Intensity Distribution Modal

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

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

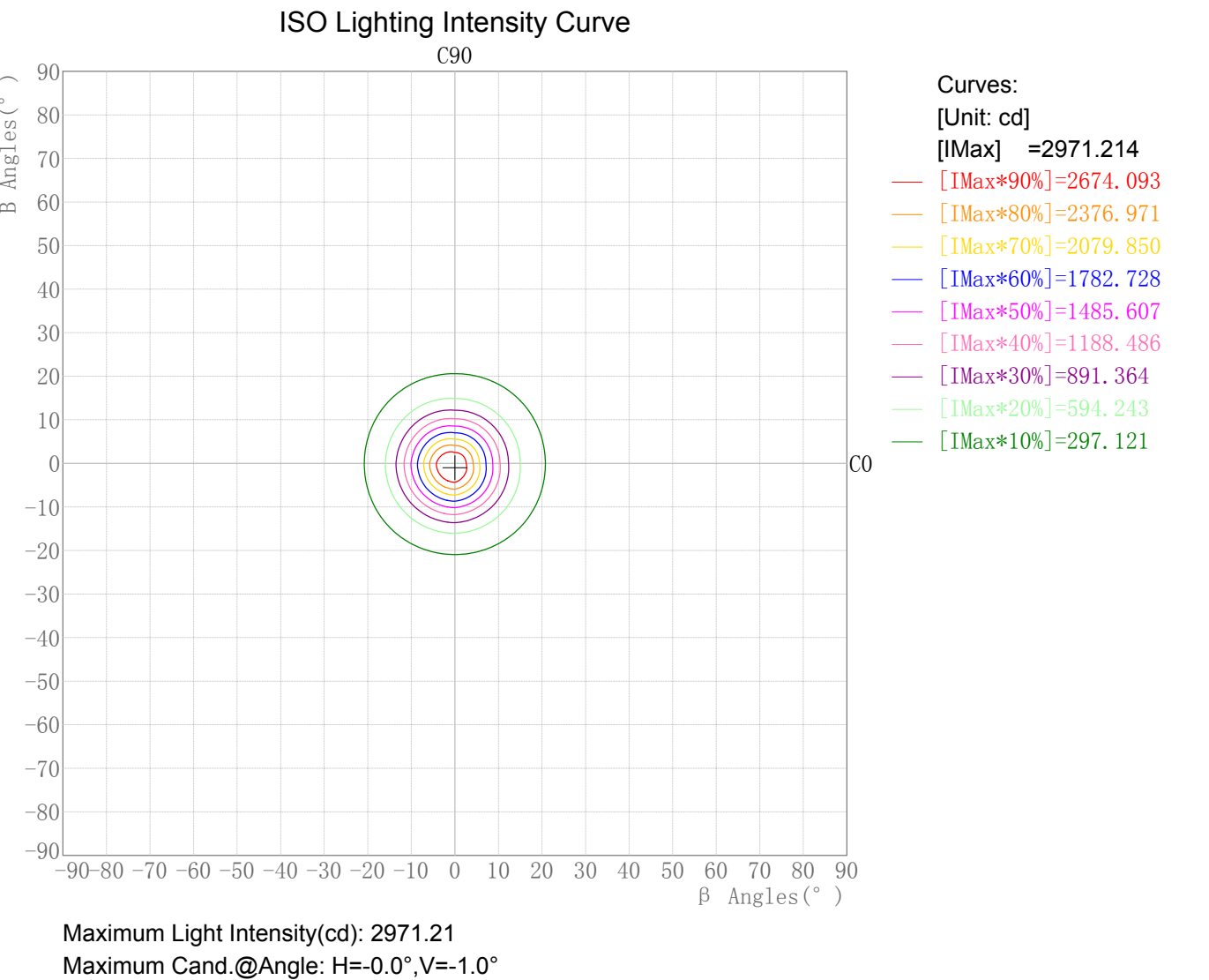
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	2.81	2.81	0.49	0.49	47.0-48.0	1.58	528.53	0.28	92.09
1.0-2.0	8.28	11.09	1.44	1.93	48.0-49.0	1.49	530.02	0.26	92.35
2.0-3.0	13.33	24.42	2.32	4.25	49.0-50.0	1.41	531.43	0.25	92.59
3.0-4.0	17.71	42.13	3.09	7.34	50.0-51.0	1.34	532.76	0.23	92.82
4.0-5.0	21.27	63.40	3.71	11.05	51.0-52.0	1.28	534.04	0.22	93.05
5.0-6.0	23.91	87.31	4.17	15.21	52.0-53.0	1.22	535.26	0.21	93.26
6.0-7.0	25.67	112.98	4.47	19.68	53.0-54.0	1.17	536.43	0.20	93.46
7.0-8.0	26.63	139.61	4.64	24.32	54.0-55.0	1.13	537.57	0.20	93.66
8.0-9.0	26.91	166.52	4.69	29.01	55.0-56.0	1.09	538.66	0.19	93.85
9.0-10.0	26.56	193.08	4.63	33.64	56.0-57.0	1.06	539.71	0.18	94.03
10.0-11.0	25.68	218.75	4.47	38.11	57.0-58.0	1.02	540.74	0.18	94.21
11.0-12.0	24.35	243.10	4.24	42.36	58.0-59.0	0.99	541.73	0.17	94.39
12.0-13.0	22.72	265.82	3.96	46.31	59.0-60.0	0.96	542.68	0.17	94.55
13.0-14.0	20.95	286.78	3.65	49.97	60.0-61.0	0.93	543.61	0.16	94.71
14.0-15.0	19.20	305.98	3.35	53.31	61.0-62.0	0.90	544.51	0.16	94.87
15.0-16.0	17.56	323.53	3.06	56.37	62.0-63.0	0.87	545.38	0.15	95.02
16.0-17.0	16.09	339.62	2.80	59.17	63.0-64.0	0.84	546.21	0.15	95.17
17.0-18.0	14.78	354.40	2.58	61.75	64.0-65.0	0.81	547.02	0.14	95.31
18.0-19.0	13.64	368.04	2.38	64.12	65.0-66.0	0.78	547.80	0.14	95.44
19.0-20.0	12.66	380.70	2.21	66.33	66.0-67.0	0.75	548.55	0.13	95.57
20.0-21.0	11.79	392.49	2.05	68.38	67.0-68.0	0.71	549.26	0.12	95.70
21.0-22.0	11.02	403.52	1.92	70.30	68.0-69.0	0.68	549.95	0.12	95.82
22.0-23.0	10.34	413.85	1.80	72.11	69.0-70.0	0.65	550.60	0.11	95.93
23.0-24.0	9.71	423.56	1.69	73.80	70.0-71.0	0.62	551.22	0.11	96.04
24.0-25.0	9.12	432.69	1.59	75.39	71.0-72.0	0.59	551.81	0.10	96.14
25.0-26.0	8.55	441.24	1.49	76.88	72.0-73.0	0.56	552.37	0.10	96.24
26.0-27.0	7.99	449.23	1.39	78.27	73.0-74.0	0.53	552.91	0.09	96.33
27.0-28.0	7.43	456.66	1.29	79.56	74.0-75.0	0.50	553.41	0.09	96.42
28.0-29.0	6.88	463.54	1.20	80.76	75.0-76.0	0.47	553.88	0.08	96.50
29.0-30.0	6.37	469.92	1.11	81.87	76.0-77.0	0.43	554.31	0.08	96.58
30.0-31.0	5.89	475.81	1.03	82.90	77.0-78.0	0.40	554.71	0.07	96.65
31.0-32.0	5.44	481.25	0.95	83.85	78.0-79.0	0.37	555.09	0.07	96.71
32.0-33.0	5.03	486.28	0.88	84.73	79.0-80.0	0.36	555.44	0.06	96.78
33.0-34.0	4.65	490.93	0.81	85.54	80.0-81.0	0.34	555.79	0.06	96.84
34.0-35.0	4.29	495.22	0.75	86.28	81.0-82.0	0.33	556.12	0.06	96.89
35.0-36.0	3.95	499.17	0.69	86.97	82.0-83.0	0.32	556.44	0.06	96.95
36.0-37.0	3.64	502.81	0.63	87.61	83.0-84.0	0.31	556.76	0.05	97.00
37.0-38.0	3.35	506.16	0.58	88.19	84.0-85.0	0.30	557.06	0.05	97.06
38.0-39.0	3.09	509.25	0.54	88.73	85.0-86.0	0.29	557.36	0.05	97.11
39.0-40.0	2.85	512.10	0.50	89.22	86.0-87.0	0.29	557.64	0.05	97.16
40.0-41.0	2.63	514.74	0.46	89.68	87.0-88.0	0.28	557.92	0.05	97.21
41.0-42.0	2.44	517.17	0.42	90.11	88.0-89.0	0.27	558.19	0.05	97.25
42.0-43.0	2.26	519.43	0.39	90.50	89.0-90.0	0.26	558.45	0.05	97.30
43.0-44.0	2.09	521.52	0.36	90.86	90.0-91.0	0.25	558.70	0.04	97.34
44.0-45.0	1.94	523.45	0.34	91.20	91.0-92.0	0.25	558.95	0.04	97.39
45.0-46.0	1.81	525.26	0.31	91.52	92.0-93.0	0.24	559.19	0.04	97.43
46.0-47.0	1.69	526.95	0.29	91.81	93.0-94.0	0.24	559.43	0.04	97.47

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	0.23	559.66	0.04	97.51	141.0-142.0	0.21	568.20	0.04	99.00
95.0-96.0	0.23	559.88	0.04	97.55	142.0-143.0	0.22	568.41	0.04	99.04
96.0-97.0	0.22	560.10	0.04	97.59	143.0-144.0	0.22	568.64	0.04	99.07
97.0-98.0	0.22	560.32	0.04	97.63	144.0-145.0	0.23	568.86	0.04	99.11
98.0-99.0	0.21	560.53	0.04	97.66	145.0-146.0	0.23	569.09	0.04	99.15
99.0-100.0	0.21	560.74	0.04	97.70	146.0-147.0	0.23	569.32	0.04	99.19
100.0-101.0	0.20	560.94	0.04	97.73	147.0-148.0	0.23	569.56	0.04	99.23
101.0-102.0	0.20	561.14	0.03	97.77	148.0-149.0	0.23	569.79	0.04	99.27
102.0-103.0	0.20	561.34	0.03	97.80	149.0-150.0	0.23	570.02	0.04	99.31
103.0-104.0	0.19	561.53	0.03	97.84	150.0-151.0	0.23	570.25	0.04	99.35
104.0-105.0	0.19	561.73	0.03	97.87	151.0-152.0	0.23	570.47	0.04	99.39
105.0-106.0	0.19	561.92	0.03	97.90	152.0-153.0	0.22	570.70	0.04	99.43
106.0-107.0	0.19	562.10	0.03	97.94	153.0-154.0	0.22	570.92	0.04	99.47
107.0-108.0	0.18	562.29	0.03	97.97	154.0-155.0	0.21	571.13	0.04	99.51
108.0-109.0	0.18	562.47	0.03	98.00	155.0-156.0	0.21	571.34	0.04	99.55
109.0-110.0	0.18	562.65	0.03	98.03	156.0-157.0	0.20	571.54	0.04	99.58
110.0-111.0	0.18	562.82	0.03	98.06	157.0-158.0	0.20	571.74	0.03	99.61
111.0-112.0	0.18	563.00	0.03	98.09	158.0-159.0	0.19	571.93	0.03	99.65
112.0-113.0	0.17	563.17	0.03	98.12	159.0-160.0	0.18	572.11	0.03	99.68
113.0-114.0	0.17	563.34	0.03	98.15	160.0-161.0	0.18	572.29	0.03	99.71
114.0-115.0	0.17	563.51	0.03	98.18	161.0-162.0	0.17	572.46	0.03	99.74
115.0-116.0	0.17	563.68	0.03	98.21	162.0-163.0	0.16	572.62	0.03	99.77
116.0-117.0	0.16	563.84	0.03	98.24	163.0-164.0	0.15	572.77	0.03	99.79
117.0-118.0	0.16	564.01	0.03	98.27	164.0-165.0	0.14	572.91	0.02	99.82
118.0-119.0	0.16	564.17	0.03	98.30	165.0-166.0	0.13	573.04	0.02	99.84
119.0-120.0	0.16	564.33	0.03	98.32	166.0-167.0	0.13	573.17	0.02	99.86
120.0-121.0	0.16	564.49	0.03	98.35	167.0-168.0	0.12	573.29	0.02	99.88
121.0-122.0	0.16	564.64	0.03	98.38	168.0-169.0	0.11	573.39	0.02	99.90
122.0-123.0	0.16	564.80	0.03	98.41	169.0-170.0	0.10	573.49	0.02	99.92
123.0-124.0	0.16	564.96	0.03	98.43	170.0-171.0	0.09	573.58	0.02	99.94
124.0-125.0	0.16	565.12	0.03	98.46	171.0-172.0	0.08	573.66	0.01	99.95
125.0-126.0	0.16	565.28	0.03	98.49	172.0-173.0	0.07	573.72	0.01	99.96
126.0-127.0	0.16	565.44	0.03	98.52	173.0-174.0	0.06	573.78	0.01	99.97
127.0-128.0	0.16	565.60	0.03	98.55	174.0-175.0	0.05	573.83	0.01	99.98
128.0-129.0	0.16	565.76	0.03	98.57	175.0-176.0	0.04	573.88	0.01	99.99
129.0-130.0	0.16	565.93	0.03	98.60	176.0-177.0	0.03	573.91	0.01	99.99
130.0-131.0	0.17	566.10	0.03	98.63	177.0-178.0	0.02	573.93	0.00	100.00
131.0-132.0	0.17	566.26	0.03	98.66	178.0-179.0	0.01	573.94	0.00	100.00
132.0-133.0	0.17	566.44	0.03	98.69	179.0-180.0	0.00	573.95	0.00	100.00
133.0-134.0	0.18	566.61	0.03	98.72					
134.0-135.0	0.18	566.80	0.03	98.75					
135.0-136.0	0.19	566.98	0.03	98.79					
136.0-137.0	0.19	567.17	0.03	98.82					
137.0-138.0	0.20	567.37	0.03	98.85					
138.0-139.0	0.20	567.57	0.03	98.89					
139.0-140.0	0.20	567.77	0.04	98.92					
140.0-141.0	0.21	567.98	0.04	98.96					

Rectangle ISO Lighting Intensity Diagram

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



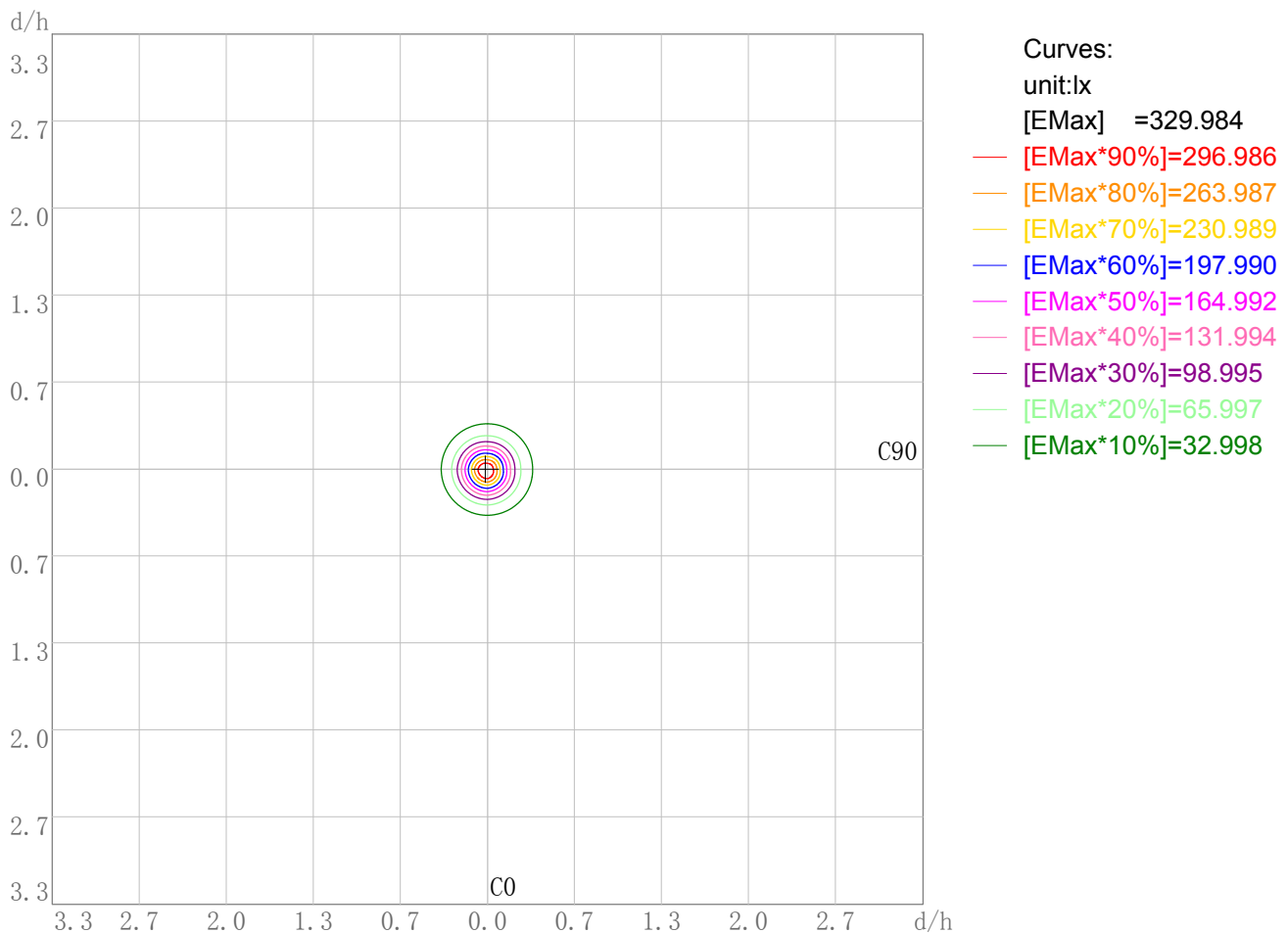
IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 15D.IES

Plane ISO-Illuminance Diagram

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

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 329.98

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

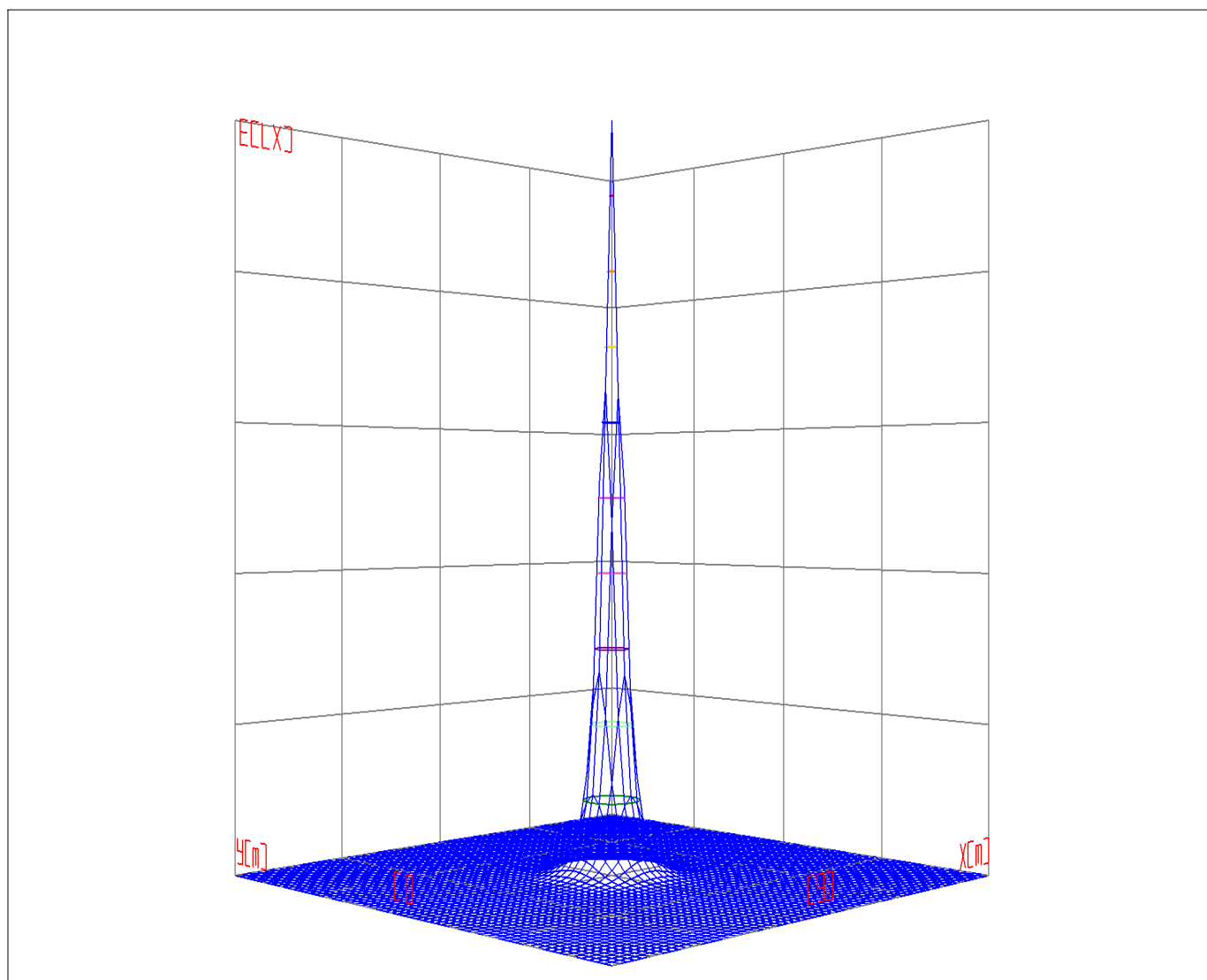
IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 15D.IES

3D Plane ISO Illuminance Diagram

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

3D Plane Illuminance Modal

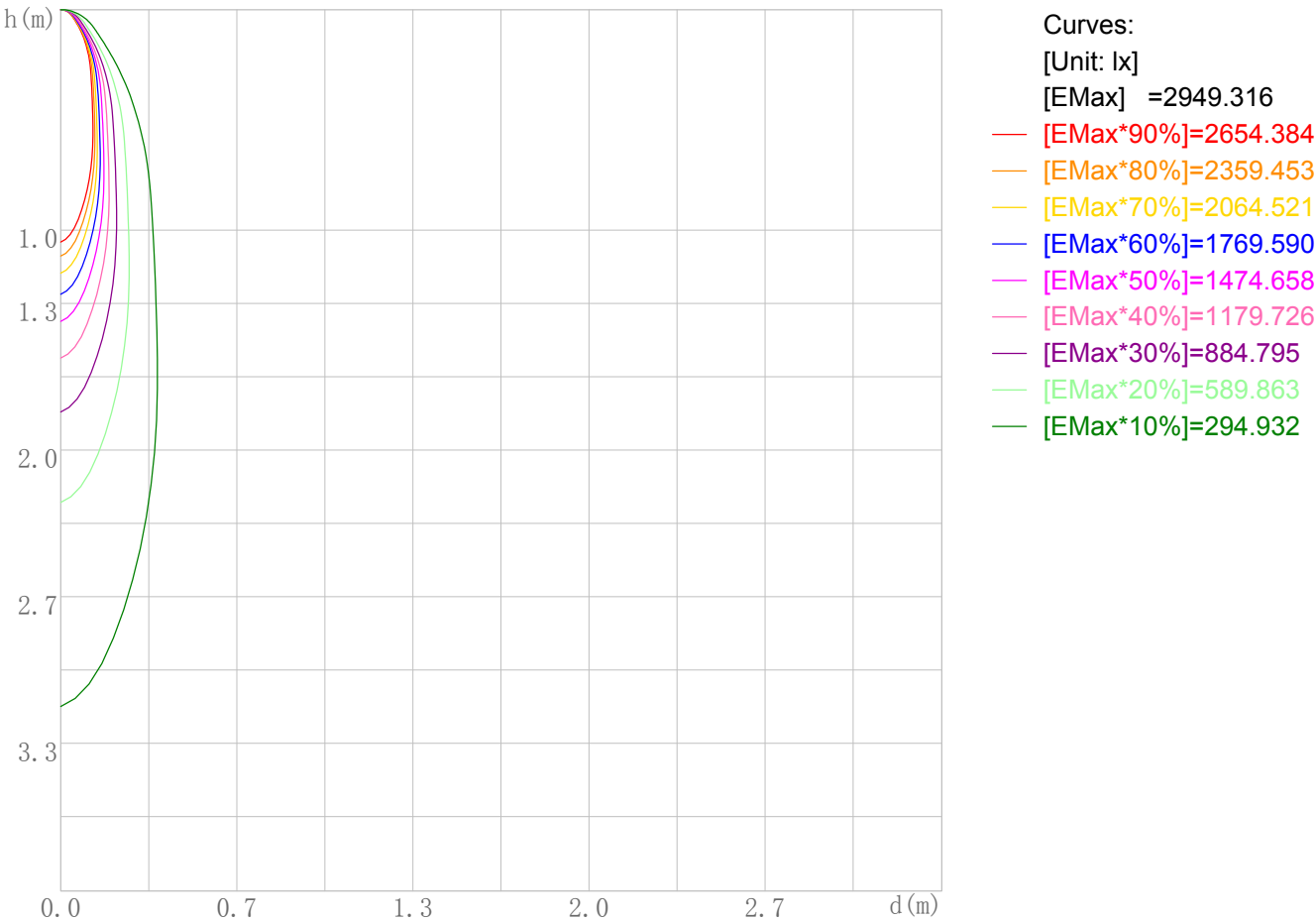


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

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

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:2949.32lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:2949.316cd,0deg

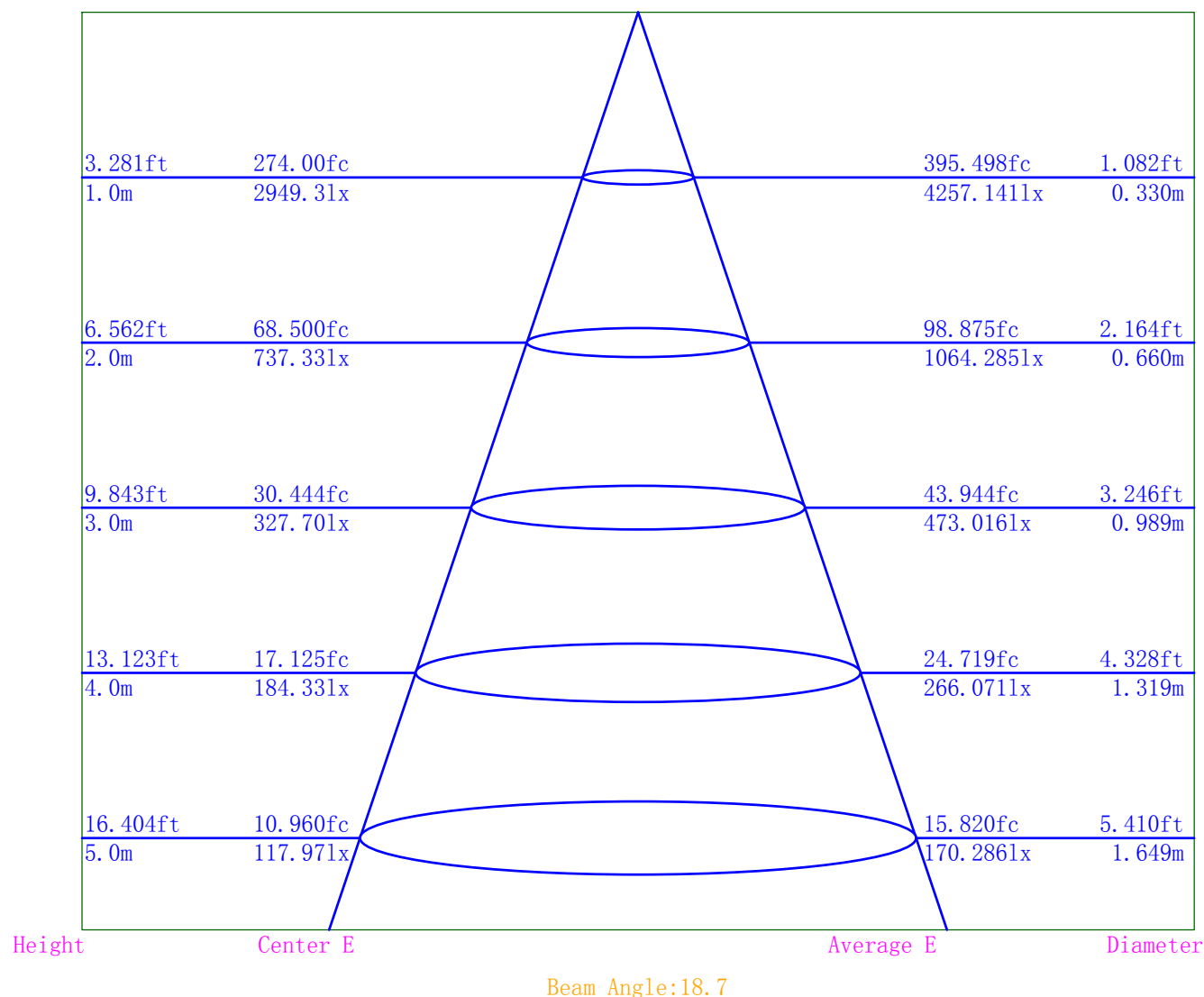
IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 15D.IES

Illuminance-Distance Diagram

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

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 15D.IES

Indoor Luminance Limiting Curves

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

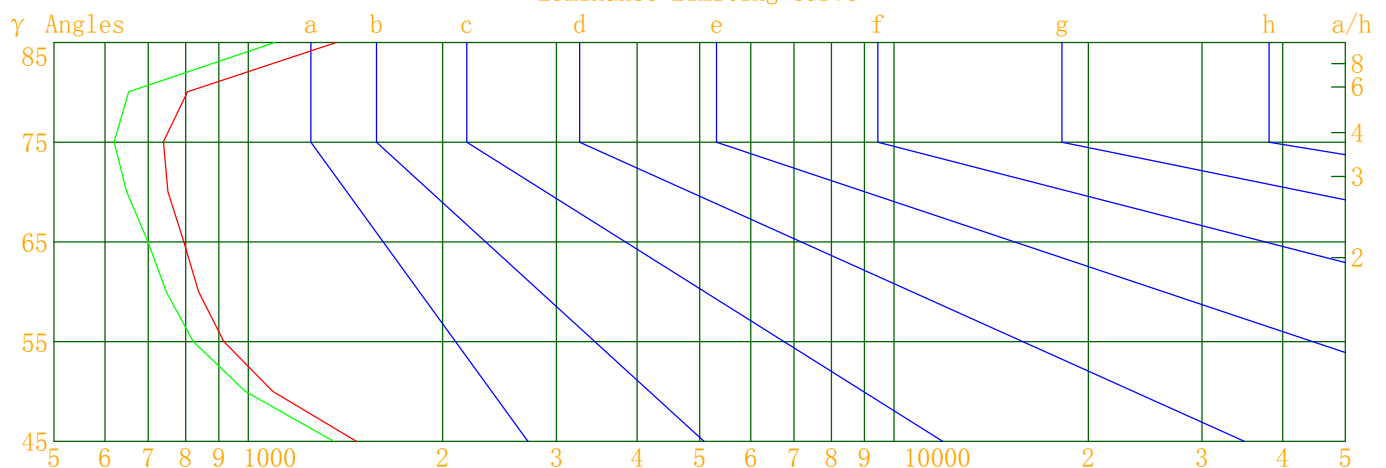
Glare Grade Table

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	1471	1091	916	837	794	751	739	805	1368
C90	1356	990	822	746	699	648	620	653	1098

Luminance Limiting Curve



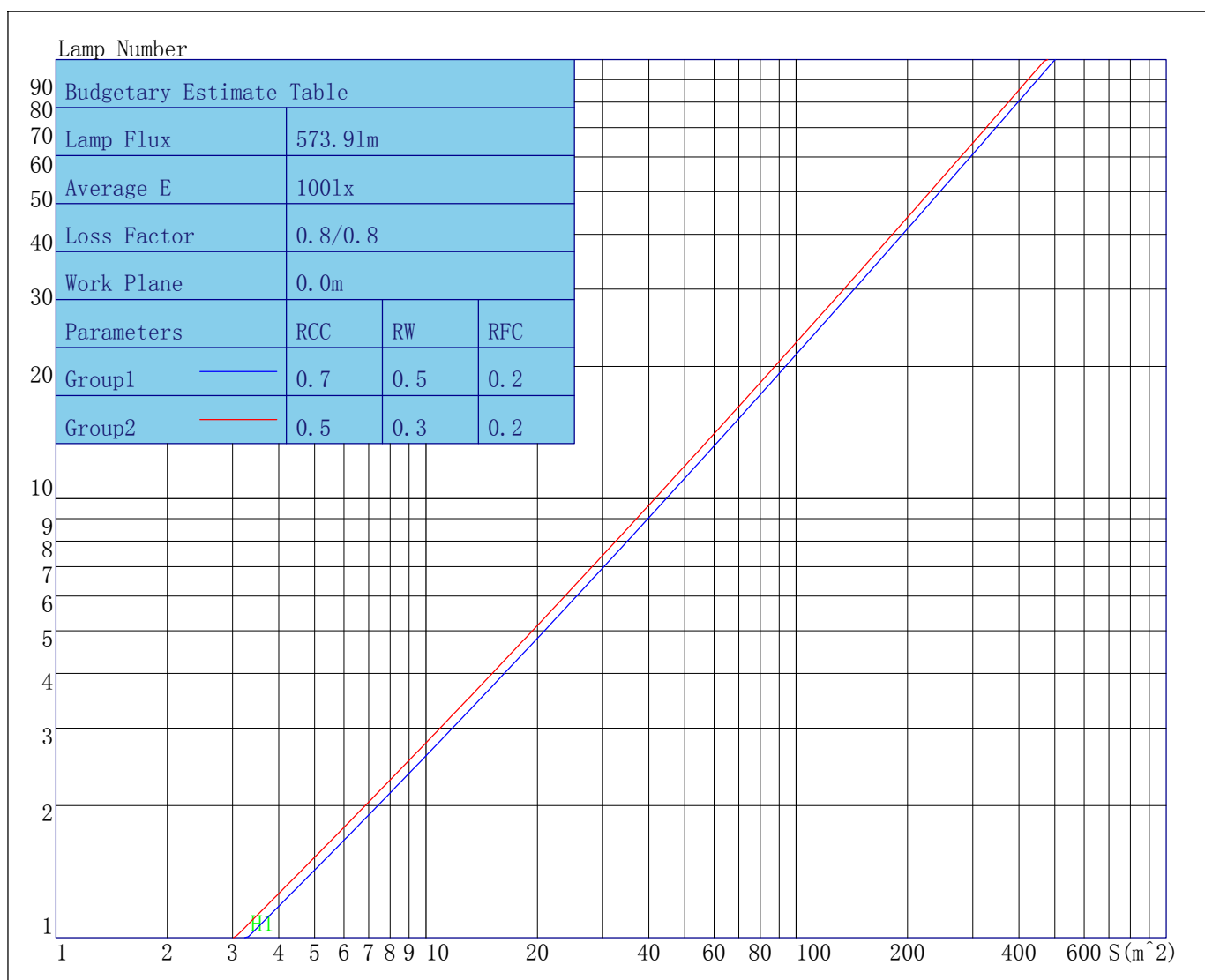
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.450 Area(m²)=0.025000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 15D.IES

Indoor Budgetary Estimate Table

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



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

Indoor Coefficient of Utilization Table

Lum. Name: MD10-06-XX-01 4000K RA90 15D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: 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	100	100	100	97
1	113	111	109	107	111	108	106	105	104	102	101	100	99	97	96	95	94	92
2	109	104	101	98	106	103	99	97	99	96	94	96	94	92	93	91	89	88
3	104	99	95	91	102	97	94	90	94	91	89	92	89	87	89	87	85	84
4	101	94	90	86	99	93	89	85	91	87	84	88	85	83	86	84	82	80
5	97	90	85	82	95	89	85	81	87	83	80	85	82	79	83	81	78	77
6	94	86	81	78	92	85	81	78	84	80	77	82	79	76	81	78	76	74
7	90	83	78	75	89	82	78	75	81	77	74	80	76	73	78	75	73	72
8	88	80	75	72	86	79	75	72	78	74	71	77	74	71	76	73	71	69
9	85	77	73	70	84	77	72	69	76	72	69	75	71	69	74	71	68	67
10	83	75	70	67	82	74	70	67	74	70	67	73	69	67	72	69	66	65

Unified Glare Rating Table

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

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	7.5	8.5	7.9	8.8	9.2	7.1	8.0	7.5	8.4	8.8
	8.3	9.1	8.7	9.5	10.0	7.7	8.6	8.2	9.0	9.4
	8.7	9.5	9.1	9.9	10.3	8.1	8.9	8.5	9.3	9.7
	9.0	9.8	9.5	10.2	10.6	8.3	9.1	8.8	9.5	10.0
	9.3	10.0	9.7	10.4	10.9	8.5	9.2	9.0	9.7	10.1
	9.6	10.3	10.1	10.7	11.2	8.8	9.4	9.3	9.9	10.4
X=4H Y=2H	7.7	8.5	8.1	8.9	9.4	7.2	8.0	7.7	8.5	8.9
	8.7	9.3	9.1	9.8	10.3	8.1	8.8	8.6	9.3	9.7
	9.2	9.8	9.7	10.3	10.8	8.6	9.2	9.1	9.6	10.2
	9.7	10.2	10.2	10.7	11.3	9.0	9.5	9.5	10.0	10.6
	10.1	10.5	10.6	11.0	11.6	9.3	9.8	9.8	10.3	10.8
	10.5	11.0	11.1	11.5	12.0	9.7	10.1	10.2	10.6	11.2
X=8H Y=4H	9.3	9.8	9.9	10.3	10.9	8.7	9.2	9.3	9.7	10.2
	10.1	10.4	10.6	11.0	11.6	9.3	9.7	9.9	10.3	10.8
	10.6	10.9	11.1	11.5	12.0	9.8	10.1	10.3	10.7	11.2
	11.2	11.5	11.8	12.1	12.7	10.4	10.6	10.9	11.2	11.8
X=12H Y=4H	9.3	9.8	9.9	10.3	10.8	8.7	9.1	9.3	9.7	10.2
	10.1	10.5	10.7	11.0	11.6	9.4	9.7	10.0	10.3	10.9
	10.7	11.0	11.3	11.6	12.2	9.9	10.2	10.5	10.8	11.4
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	0.5/-0.5					0.6/-0.6				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.6					2.4				

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	2949.32	2949.32	2949.32	2949.32
γ 1.0	2883.28	2871.46	2967.50	2971.21
γ 2.0	2767.68	2752.70	2931.59	2938.42
γ 3.0	2608.91	2593.88	2841.44	2853.44
γ 4.0	2415.72	2398.80	2718.83	2732.81
γ 5.0	2211.83	2189.51	2543.16	2566.22
γ 6.0	2006.74	1982.47	2338.51	2362.16
γ 7.0	1805.35	1784.44	2118.38	2142.00
γ 8.0	1611.80	1590.69	1905.22	1927.56
γ 9.0	1423.94	1402.40	1698.77	1720.02
γ 10.0	1247.59	1228.50	1499.86	1518.02
γ 11.0	1082.84	1067.09	1308.07	1326.37
γ 12.0	932.31	917.70	1129.47	1146.65
γ 13.0	799.05	786.28	965.24	981.06
γ 14.0	686.99	674.79	820.80	833.45
γ 15.0	593.56	583.72	695.15	705.53
γ 16.0	518.04	508.88	589.25	598.66
γ 17.0	455.62	447.46	502.77	510.95
γ 18.0	402.77	395.01	432.58	439.47
γ 19.0	359.24	351.81	374.78	381.21
γ 20.0	321.82	315.36	328.15	333.69
γ 21.0	289.61	283.84	289.15	294.58
γ 22.0	262.09	256.26	256.77	261.80
γ 23.0	237.81	231.96	229.46	234.36
γ 24.0	215.93	210.57	206.08	210.59
γ 25.0	195.95	190.90	185.12	189.70
γ 26.0	177.68	172.79	166.38	170.75
γ 27.0	160.64	155.91	149.13	153.21
γ 28.0	144.43	140.07	133.23	137.02
γ 29.0	130.20	125.92	118.97	122.75
γ 30.0	117.58	113.44	105.92	109.58
γ 31.0	106.04	102.03	94.40	97.92
γ 32.0	95.78	92.09	84.25	87.55
γ 33.0	86.54	82.95	75.35	78.47
γ 34.0	78.13	74.61	67.48	70.51
γ 35.0	70.37	67.08	60.52	63.46
γ 36.0	63.44	60.27	54.31	57.11
γ 37.0	57.08	54.12	48.75	51.41
γ 38.0	51.44	48.61	43.86	46.40
γ 39.0	46.42	43.74	39.53	41.95
γ 40.0	42.03	39.48	35.74	38.05
γ 41.0	38.02	35.54	32.44	34.64
γ 42.0	34.49	32.10	29.47	31.61
γ 43.0	31.28	29.02	26.80	28.80
γ 44.0	28.45	26.31	24.38	26.30
γ 45.0	26.00	23.98	22.26	24.07
γ 46.0	23.83	21.91	20.42	22.18

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	21.97	20.09	18.83	20.50
γ 48.0	20.27	18.51	17.41	19.04
γ 49.0	18.81	17.11	16.20	17.75
γ 50.0	17.53	15.90	15.13	16.63
γ 51.0	16.40	14.86	14.25	15.67
γ 52.0	15.44	13.93	13.49	14.85
γ 53.0	14.55	13.12	12.83	14.14
γ 54.0	13.81	12.41	12.20	13.47
γ 55.0	13.14	11.78	11.65	12.87
γ 56.0	12.52	11.21	11.14	12.33
γ 57.0	11.97	10.70	10.66	11.84
γ 58.0	11.44	10.23	10.21	11.36
γ 59.0	10.97	9.77	9.81	10.91
γ 60.0	10.46	9.32	9.43	10.50
γ 61.0	9.99	8.88	9.06	10.10
γ 62.0	9.57	8.48	8.67	9.70
γ 63.0	9.17	8.11	8.32	9.30
γ 64.0	8.79	7.75	7.97	8.93
γ 65.0	8.39	7.39	7.64	8.59
γ 66.0	7.99	7.02	7.30	8.23
γ 67.0	7.49	6.54	6.99	7.89
γ 68.0	7.08	6.16	6.66	7.53
γ 69.0	6.74	5.86	6.28	7.12
γ 70.0	6.42	5.54	5.90	6.73
γ 71.0	6.10	5.24	5.61	6.42
γ 72.0	5.78	4.94	5.32	6.12
γ 73.0	5.45	4.63	5.04	5.82
γ 74.0	5.13	4.33	4.76	5.52
γ 75.0	4.78	4.01	4.46	5.19
γ 76.0	4.37	3.62	4.16	4.89
γ 77.0	3.93	3.19	3.83	4.53
γ 78.0	3.74	3.03	3.46	4.15
γ 79.0	3.61	2.92	3.11	3.77
γ 80.0	3.49	2.83	2.98	3.63
γ 81.0	3.39	2.73	2.89	3.51
γ 82.0	3.28	2.65	2.79	3.40
γ 83.0	3.17	2.56	2.70	3.30
γ 84.0	3.07	2.47	2.61	3.19
γ 85.0	2.98	2.39	2.51	3.09
γ 86.0	2.87	2.30	2.44	2.99
γ 87.0	2.77	2.22	2.36	2.90
γ 88.0	2.69	2.14	2.27	2.80
γ 89.0	2.62	2.10	2.19	2.70
γ 90.0	2.58	2.06	2.12	2.62
γ 91.0	2.52	2.01	2.07	2.55
γ 92.0	2.47	1.98	2.01	2.48
γ 93.0	2.42	1.93	1.96	2.41

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.37	1.91	1.90	2.36
γ 95.0	2.33	1.86	1.86	2.30
γ 96.0	2.29	1.84	1.82	2.24
γ 97.0	2.24	1.81	1.78	2.19
γ 98.0	2.21	1.78	1.75	2.13
γ 99.0	2.18	1.76	1.71	2.10
γ 100.0	2.15	1.74	1.68	2.06
γ 101.0	2.12	1.72	1.65	2.02
γ 102.0	2.09	1.70	1.63	1.99
γ 103.0	2.07	1.69	1.61	1.96
γ 104.0	2.05	1.68	1.61	1.94
γ 105.0	2.02	1.66	1.58	1.91
γ 106.0	2.00	1.65	1.58	1.90
γ 107.0	1.98	1.63	1.57	1.89
γ 108.0	1.96	1.62	1.57	1.88
γ 109.0	1.94	1.61	1.56	1.87
γ 110.0	1.91	1.59	1.56	1.85
γ 111.0	1.89	1.58	1.56	1.85
γ 112.0	1.87	1.55	1.57	1.85
γ 113.0	1.84	1.54	1.58	1.84
γ 114.0	1.82	1.52	1.59	1.84
γ 115.0	1.80	1.51	1.60	1.84
γ 116.0	1.78	1.50	1.61	1.84
γ 117.0	1.76	1.48	1.61	1.85
γ 118.0	1.75	1.47	1.62	1.85
γ 119.0	1.73	1.47	1.64	1.86
γ 120.0	1.72	1.47	1.65	1.87
γ 121.0	1.73	1.48	1.68	1.89
γ 122.0	1.72	1.49	1.70	1.90
γ 123.0	1.73	1.50	1.72	1.92
γ 124.0	1.74	1.52	1.76	1.94
γ 125.0	1.77	1.54	1.78	1.96
γ 126.0	1.79	1.58	1.81	2.00
γ 127.0	1.83	1.62	1.87	2.03
γ 128.0	1.87	1.66	1.90	2.08
γ 129.0	1.91	1.72	1.95	2.11
γ 130.0	1.97	1.77	2.01	2.15
γ 131.0	2.02	1.84	2.07	2.20
γ 132.0	2.09	1.92	2.14	2.27
γ 133.0	2.16	2.00	2.22	2.34
γ 134.0	2.25	2.09	2.30	2.42
γ 135.0	2.34	2.18	2.40	2.52
γ 136.0	2.44	2.29	2.50	2.61
γ 137.0	2.56	2.41	2.62	2.71
γ 138.0	2.68	2.53	2.73	2.83
γ 139.0	2.79	2.66	2.86	2.95
γ 140.0	2.91	2.79	2.99	3.07

IES Indoor Report

Photometric Filename:MD10-06-XX-01 4000K RA90 15D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.06	2.92	3.12	3.20
γ 142.0	3.18	3.07	3.26	3.34
γ 143.0	3.32	3.20	3.41	3.48
γ 144.0	3.45	3.34	3.55	3.62
γ 145.0	3.58	3.47	3.69	3.74
γ 146.0	3.72	3.60	3.81	3.87
γ 147.0	3.84	3.72	3.94	4.01
γ 148.0	3.95	3.84	4.06	4.11
γ 149.0	4.05	3.94	4.16	4.22
γ 150.0	4.16	4.05	4.27	4.32
γ 151.0	4.23	4.14	4.36	4.41
γ 152.0	4.33	4.22	4.44	4.49
γ 153.0	4.40	4.29	4.51	4.57
γ 154.0	4.47	4.37	4.58	4.64
γ 155.0	4.53	4.43	4.65	4.68
γ 156.0	4.58	4.48	4.70	4.74
γ 157.0	4.63	4.52	4.74	4.79
γ 158.0	4.67	4.58	4.78	4.83
γ 159.0	4.71	4.61	4.82	4.86
γ 160.0	4.74	4.64	4.85	4.89
γ 161.0	4.77	4.67	4.87	4.91
γ 162.0	4.81	4.69	4.89	4.93
γ 163.0	4.83	4.72	4.91	4.95
γ 164.0	4.84	4.73	4.92	4.97
γ 165.0	4.86	4.76	4.94	4.98
γ 166.0	4.87	4.76	4.95	4.98
γ 167.0	4.86	4.77	4.94	4.99
γ 168.0	4.86	4.76	4.95	4.99
γ 169.0	4.85	4.74	4.94	4.98
γ 170.0	4.84	4.73	4.94	4.96
γ 171.0	4.82	4.71	4.91	4.95
γ 172.0	4.80	4.70	4.89	4.92
γ 173.0	4.77	4.67	4.89	4.89
γ 174.0	4.75	4.65	4.86	4.87
γ 175.0	4.74	4.63	4.83	4.85
γ 176.0	4.72	4.63	4.80	4.82
γ 177.0	4.72	4.63	4.78	4.79
γ 178.0	4.72	4.64	4.77	4.78
γ 179.0	4.74	4.66	4.76	4.76
γ 180.0	4.74	4.74	4.74	4.74