

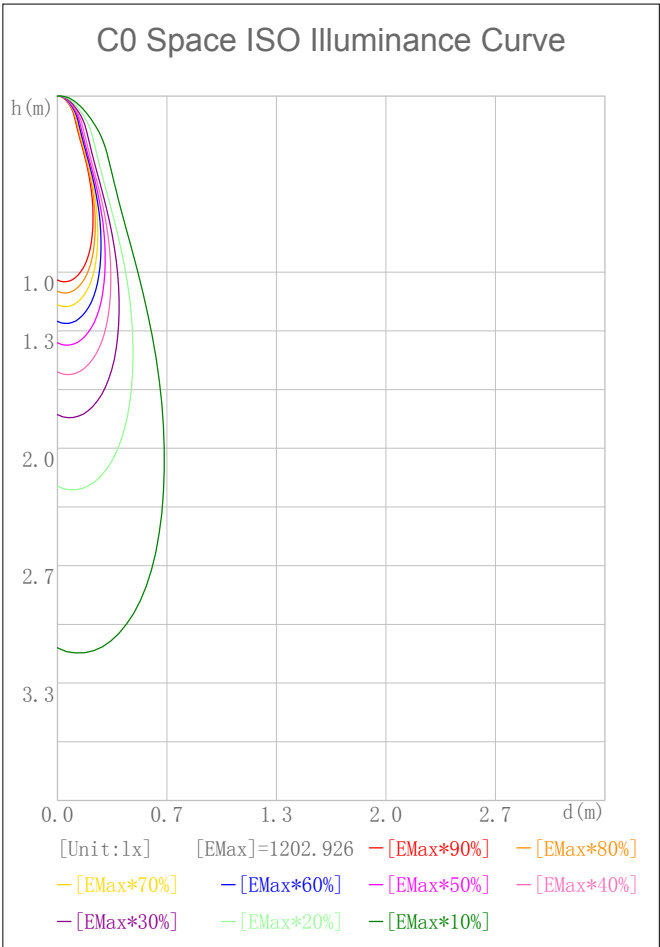
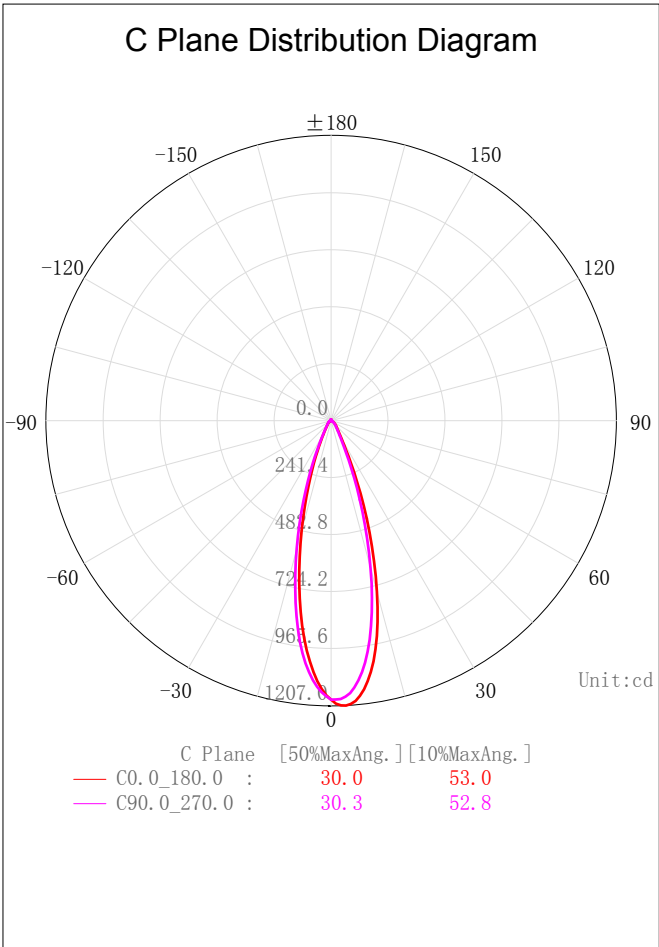
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD13-06-XX-01 3000K RA90 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2020/03/14
Manufacture: Shenzhen Norming Lighting Co., Ltd	Shld.Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department	Frequency (Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H):0.000m*0.000m*0.000m	Lum. Area (m2):0.000	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity(%):

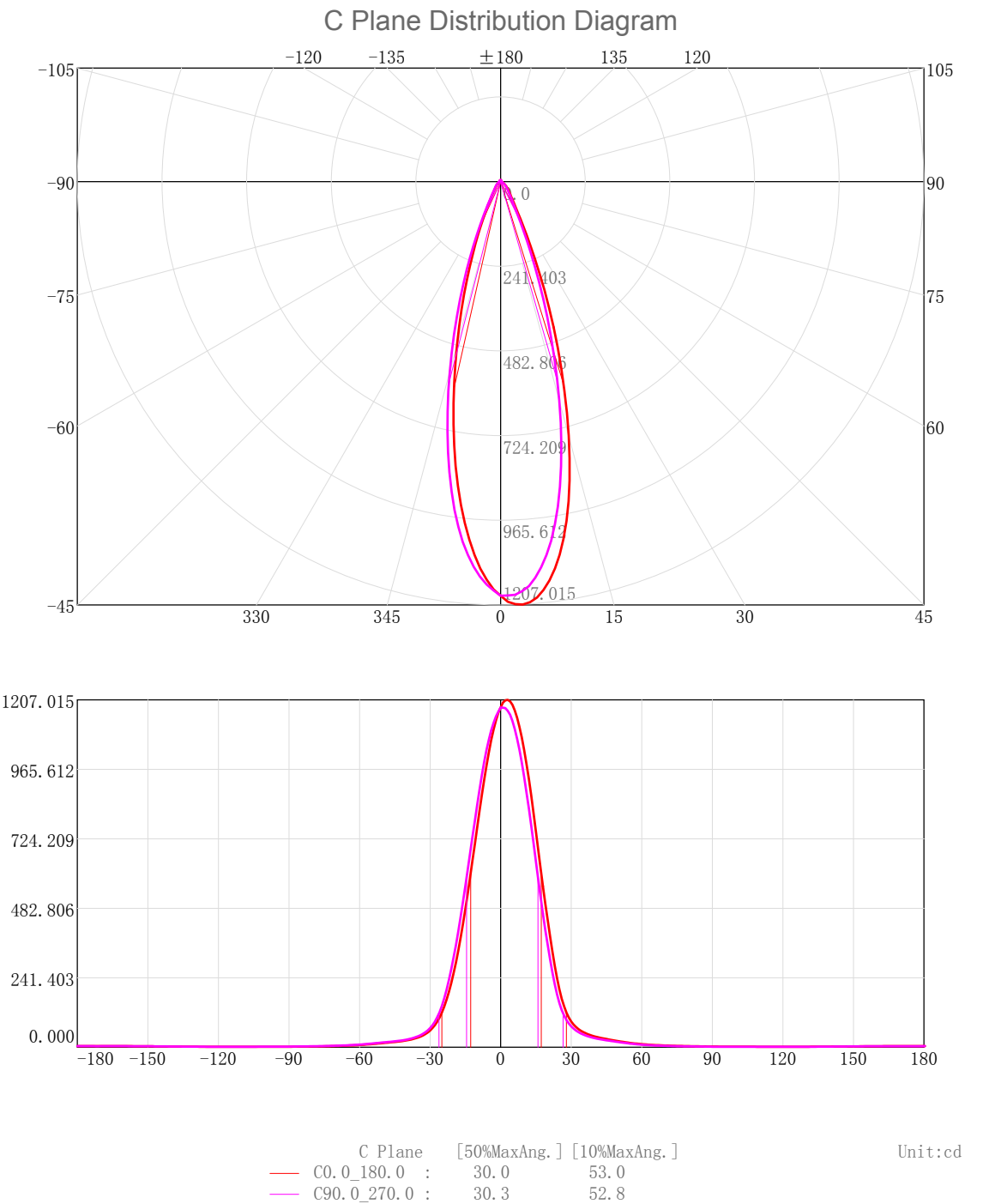
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 428.380	Luminary Flux(lm): 428.383	Field Angle(10%Imax): 53.0(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 413.040lm 96.42%
Rated Voltage(V):	Luminary EER(lm/W): 76.429	Up Lumens&Percent: 15.344lm 3.58%
Tested Power(W): 5.605	Max. Candela(cd): 1207.015	S/MH: C0_a180=0.509 C90_270=0.506
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=3.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):241.1, 0.024	Beam Angle(50%Imax): 30.0(°)	ErP Φ use(90°): 368.998lm
Lamp Size (W*L*H):0.000m*0.000m*0.000m	Left=-12.7°, Right=17.3°	IRF(%): 591.344



2D Plane Light Intensity Distribution Curve

Lum. Name: MD13-06-XX-01 3000K RA90 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/14



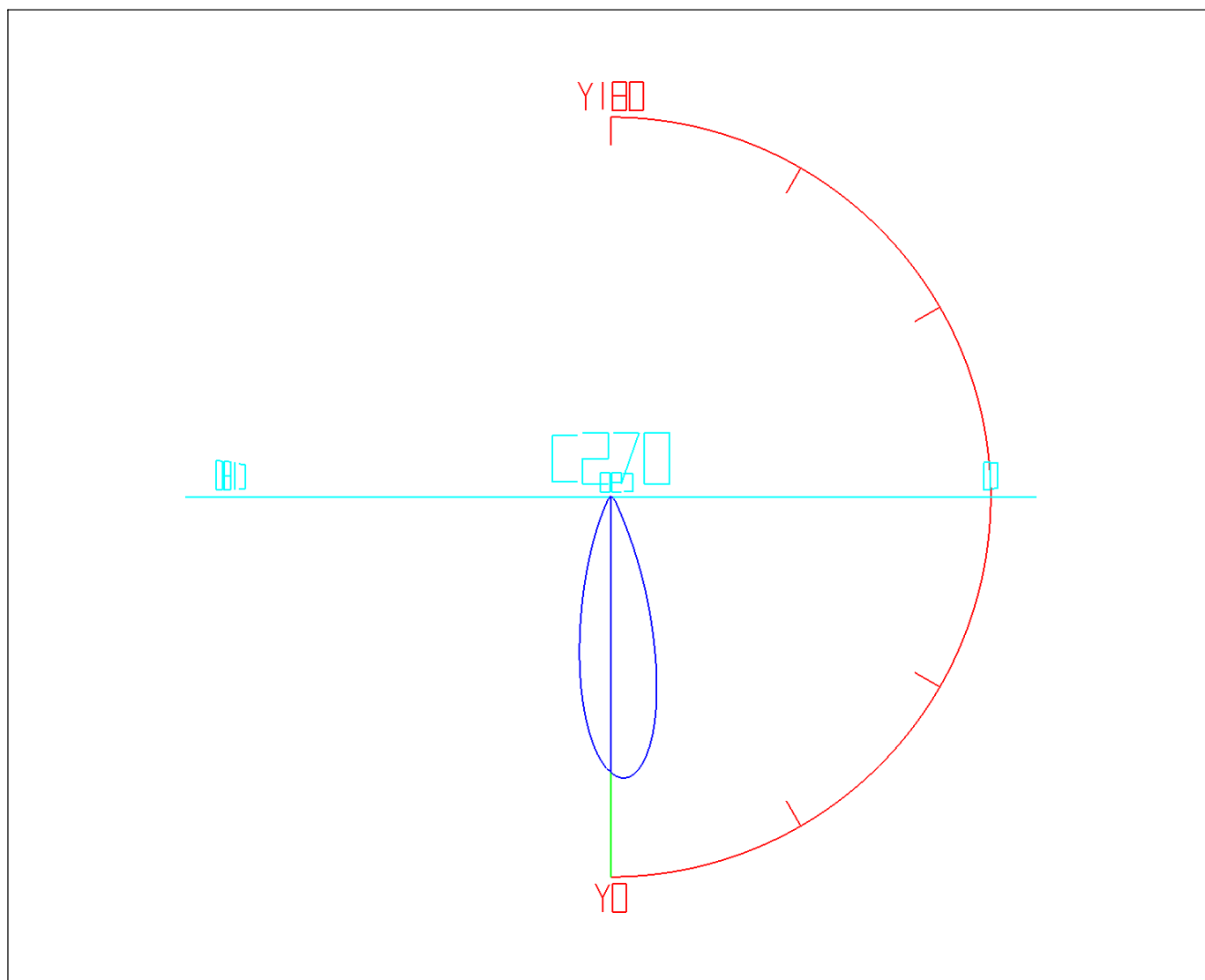
IES Indoor Report

Photometric Filename:MD13-06-XX-01 3000K RA90 30D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD13-06-XX-01 3000K RA90 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/14

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

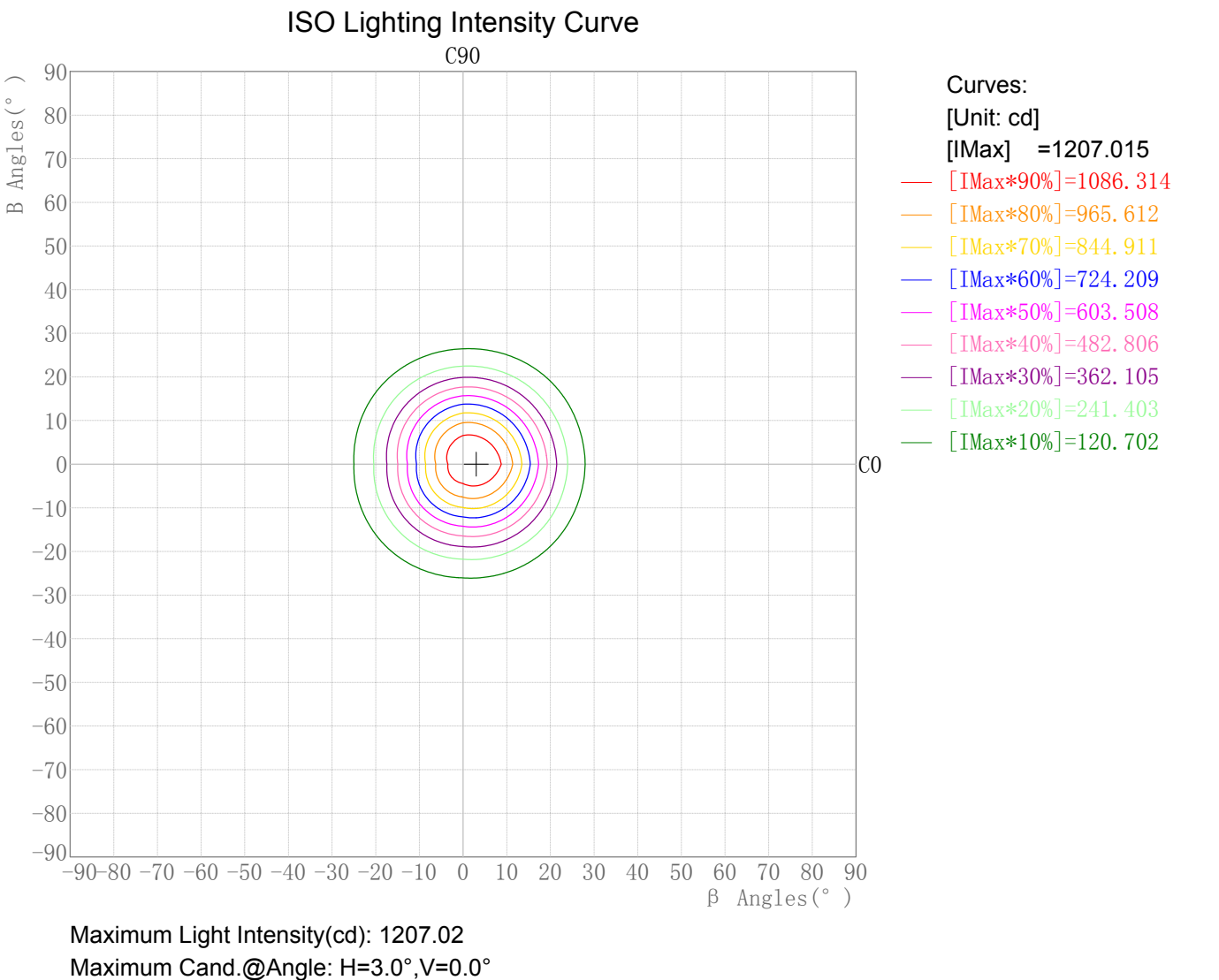
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.13	1.13	0.26	0.26	47.0-48.0	1.66	382.92	0.39	89.39
1.0-2.0	3.36	4.49	0.79	1.05	48.0-49.0	1.60	384.52	0.37	89.76
2.0-3.0	5.55	10.04	1.29	2.34	49.0-50.0	1.54	386.06	0.36	90.12
3.0-4.0	7.64	17.68	1.78	4.13	50.0-51.0	1.48	387.54	0.34	90.47
4.0-5.0	9.61	27.29	2.24	6.37	51.0-52.0	1.41	388.95	0.33	90.79
5.0-6.0	11.43	38.73	2.67	9.04	52.0-53.0	1.35	390.29	0.31	91.11
6.0-7.0	13.07	51.80	3.05	12.09	53.0-54.0	1.28	391.58	0.30	91.41
7.0-8.0	14.50	66.30	3.38	15.48	54.0-55.0	1.22	392.79	0.28	91.69
8.0-9.0	15.70	82.00	3.66	19.14	55.0-56.0	1.15	393.95	0.27	91.96
9.0-10.0	16.65	98.64	3.89	23.03	56.0-57.0	1.09	395.04	0.26	92.22
10.0-11.0	17.33	115.98	4.05	27.07	57.0-58.0	1.04	396.08	0.24	92.46
11.0-12.0	17.75	133.73	4.14	31.22	58.0-59.0	0.98	397.06	0.23	92.69
12.0-13.0	17.92	151.65	4.18	35.40	59.0-60.0	0.93	397.99	0.22	92.91
13.0-14.0	17.84	169.49	4.16	39.57	60.0-61.0	0.88	398.87	0.21	93.11
14.0-15.0	17.52	187.01	4.09	43.66	61.0-62.0	0.84	399.71	0.20	93.31
15.0-16.0	17.00	204.01	3.97	47.62	62.0-63.0	0.80	400.50	0.19	93.49
16.0-17.0	16.29	220.30	3.80	51.43	63.0-64.0	0.76	401.26	0.18	93.67
17.0-18.0	15.43	235.73	3.60	55.03	64.0-65.0	0.72	401.98	0.17	93.84
18.0-19.0	14.46	250.19	3.37	58.40	65.0-66.0	0.69	402.67	0.16	94.00
19.0-20.0	13.38	263.57	3.12	61.53	66.0-67.0	0.66	403.33	0.15	94.15
20.0-21.0	12.24	275.82	2.86	64.39	67.0-68.0	0.63	403.96	0.15	94.30
21.0-22.0	11.07	286.89	2.58	66.97	68.0-69.0	0.60	404.56	0.14	94.44
22.0-23.0	9.90	296.78	2.31	69.28	69.0-70.0	0.57	405.13	0.13	94.57
23.0-24.0	8.76	305.54	2.04	71.33	70.0-71.0	0.55	405.68	0.13	94.70
24.0-25.0	7.70	313.24	1.80	73.12	71.0-72.0	0.52	406.20	0.12	94.82
25.0-26.0	6.74	319.98	1.57	74.69	72.0-73.0	0.50	406.70	0.12	94.94
26.0-27.0	5.91	325.88	1.38	76.07	73.0-74.0	0.48	407.18	0.11	95.05
27.0-28.0	5.21	331.09	1.22	77.29	74.0-75.0	0.46	407.64	0.11	95.16
28.0-29.0	4.63	335.72	1.08	78.37	75.0-76.0	0.44	408.09	0.10	95.26
29.0-30.0	4.16	339.88	0.97	79.34	76.0-77.0	0.43	408.52	0.10	95.36
30.0-31.0	3.78	343.66	0.88	80.22	77.0-78.0	0.42	408.93	0.10	95.46
31.0-32.0	3.46	347.12	0.81	81.03	78.0-79.0	0.41	409.34	0.09	95.56
32.0-33.0	3.20	350.32	0.75	81.78	79.0-80.0	0.40	409.74	0.09	95.65
33.0-34.0	2.98	353.30	0.70	82.47	80.0-81.0	0.38	410.12	0.09	95.74
34.0-35.0	2.79	356.09	0.65	83.12	81.0-82.0	0.37	410.49	0.09	95.82
35.0-36.0	2.63	358.72	0.61	83.74	82.0-83.0	0.36	410.86	0.08	95.91
36.0-37.0	2.49	361.21	0.58	84.32	83.0-84.0	0.35	411.21	0.08	95.99
37.0-38.0	2.37	363.57	0.55	84.87	84.0-85.0	0.34	411.55	0.08	96.07
38.0-39.0	2.26	365.83	0.53	85.40	85.0-86.0	0.33	411.88	0.08	96.15
39.0-40.0	2.17	368.00	0.51	85.90	86.0-87.0	0.31	412.19	0.07	96.22
40.0-41.0	2.09	370.09	0.49	86.39	87.0-88.0	0.30	412.49	0.07	96.29
41.0-42.0	2.01	372.10	0.47	86.86	88.0-89.0	0.28	412.77	0.07	96.36
42.0-43.0	1.95	374.05	0.45	87.32	89.0-90.0	0.27	413.04	0.06	96.42
43.0-44.0	1.89	375.93	0.44	87.76	90.0-91.0	0.26	413.30	0.06	96.48
44.0-45.0	1.83	377.76	0.43	88.18	91.0-92.0	0.25	413.55	0.06	96.54
45.0-46.0	1.77	379.54	0.41	88.60	92.0-93.0	0.25	413.80	0.06	96.60
46.0-47.0	1.72	381.26	0.40	89.00	93.0-94.0	0.25	414.05	0.06	96.65

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	0.24	414.29	0.06	96.71	141.0-142.0	0.20	423.50	0.05	98.86
95.0-96.0	0.24	414.53	0.06	96.77	142.0-143.0	0.20	423.70	0.05	98.91
96.0-97.0	0.24	414.77	0.06	96.82	143.0-144.0	0.20	423.90	0.05	98.95
97.0-98.0	0.23	415.00	0.05	96.88	144.0-145.0	0.20	424.10	0.05	99.00
98.0-99.0	0.23	415.23	0.05	96.93	145.0-146.0	0.20	424.29	0.05	99.05
99.0-100.0	0.23	415.46	0.05	96.98	146.0-147.0	0.20	424.49	0.05	99.09
100.0-101.0	0.22	415.68	0.05	97.04	147.0-148.0	0.20	424.69	0.05	99.14
101.0-102.0	0.22	415.90	0.05	97.09	148.0-149.0	0.20	424.89	0.05	99.18
102.0-103.0	0.22	416.12	0.05	97.14	149.0-150.0	0.19	425.08	0.05	99.23
103.0-104.0	0.22	416.33	0.05	97.19	150.0-151.0	0.19	425.28	0.05	99.28
104.0-105.0	0.21	416.55	0.05	97.24	151.0-152.0	0.19	425.47	0.04	99.32
105.0-106.0	0.21	416.76	0.05	97.29	152.0-153.0	0.19	425.65	0.04	99.36
106.0-107.0	0.21	416.96	0.05	97.33	153.0-154.0	0.18	425.84	0.04	99.41
107.0-108.0	0.20	417.17	0.05	97.38	154.0-155.0	0.18	426.02	0.04	99.45
108.0-109.0	0.20	417.37	0.05	97.43	155.0-156.0	0.18	426.19	0.04	99.49
109.0-110.0	0.20	417.57	0.05	97.48	156.0-157.0	0.17	426.36	0.04	99.53
110.0-111.0	0.20	417.77	0.05	97.52	157.0-158.0	0.17	426.53	0.04	99.57
111.0-112.0	0.20	417.96	0.05	97.57	158.0-159.0	0.16	426.69	0.04	99.60
112.0-113.0	0.19	418.16	0.05	97.61	159.0-160.0	0.15	426.84	0.04	99.64
113.0-114.0	0.19	418.35	0.04	97.66	160.0-161.0	0.15	426.99	0.03	99.68
114.0-115.0	0.19	418.54	0.04	97.70	161.0-162.0	0.14	427.13	0.03	99.71
115.0-116.0	0.19	418.72	0.04	97.75	162.0-163.0	0.13	427.26	0.03	99.74
116.0-117.0	0.19	418.91	0.04	97.79	163.0-164.0	0.13	427.39	0.03	99.77
117.0-118.0	0.18	419.09	0.04	97.83	164.0-165.0	0.12	427.51	0.03	99.80
118.0-119.0	0.18	419.27	0.04	97.87	165.0-166.0	0.11	427.62	0.03	99.82
119.0-120.0	0.18	419.45	0.04	97.92	166.0-167.0	0.10	427.73	0.02	99.85
120.0-121.0	0.18	419.63	0.04	97.96	167.0-168.0	0.10	427.82	0.02	99.87
121.0-122.0	0.18	419.81	0.04	98.00	168.0-169.0	0.09	427.91	0.02	99.89
122.0-123.0	0.18	419.99	0.04	98.04	169.0-170.0	0.08	427.99	0.02	99.91
123.0-124.0	0.18	420.17	0.04	98.08	170.0-171.0	0.07	428.07	0.02	99.93
124.0-125.0	0.18	420.34	0.04	98.12	171.0-172.0	0.07	428.13	0.02	99.94
125.0-126.0	0.18	420.52	0.04	98.17	172.0-173.0	0.06	428.19	0.01	99.96
126.0-127.0	0.18	420.70	0.04	98.21	173.0-174.0	0.05	428.24	0.01	99.97
127.0-128.0	0.18	420.88	0.04	98.25	174.0-175.0	0.04	428.29	0.01	99.98
128.0-129.0	0.18	421.05	0.04	98.29	175.0-176.0	0.04	428.32	0.01	99.99
129.0-130.0	0.18	421.23	0.04	98.33	176.0-177.0	0.03	428.35	0.01	99.99
130.0-131.0	0.18	421.41	0.04	98.37	177.0-178.0	0.02	428.37	0.00	100.00
131.0-132.0	0.18	421.59	0.04	98.42	178.0-179.0	0.01	428.38	0.00	100.00
132.0-133.0	0.18	421.78	0.04	98.46	179.0-180.0	0.00	428.38	0.00	100.00
133.0-134.0	0.18	421.96	0.04	98.50					
134.0-135.0	0.19	422.15	0.04	98.54					
135.0-136.0	0.19	422.33	0.04	98.59					
136.0-137.0	0.19	422.52	0.04	98.63					
137.0-138.0	0.19	422.72	0.04	98.68					
138.0-139.0	0.19	422.91	0.05	98.72					
139.0-140.0	0.19	423.10	0.05	98.77					
140.0-141.0	0.20	423.30	0.05	98.81					

Rectangle ISO Lighting Intensity Diagram

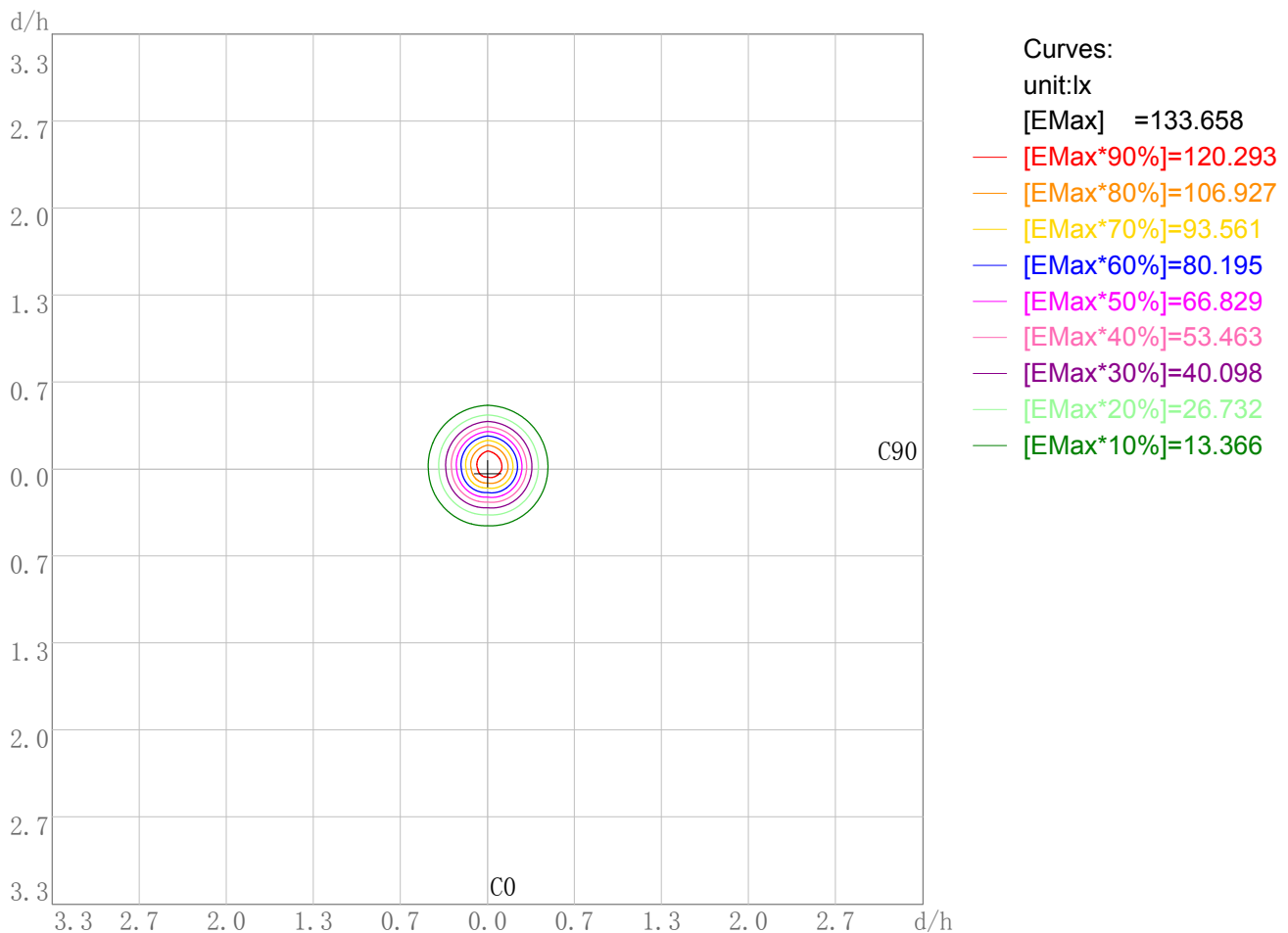
Lum. Name:MD13-06-XX-01 3000K RA90 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/14



Plane ISO-Illuminance Diagram

Lum. Name: MD13-06-XX-01 3000K RA90 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine: GON-2000	Test Date: 2020/03/14

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

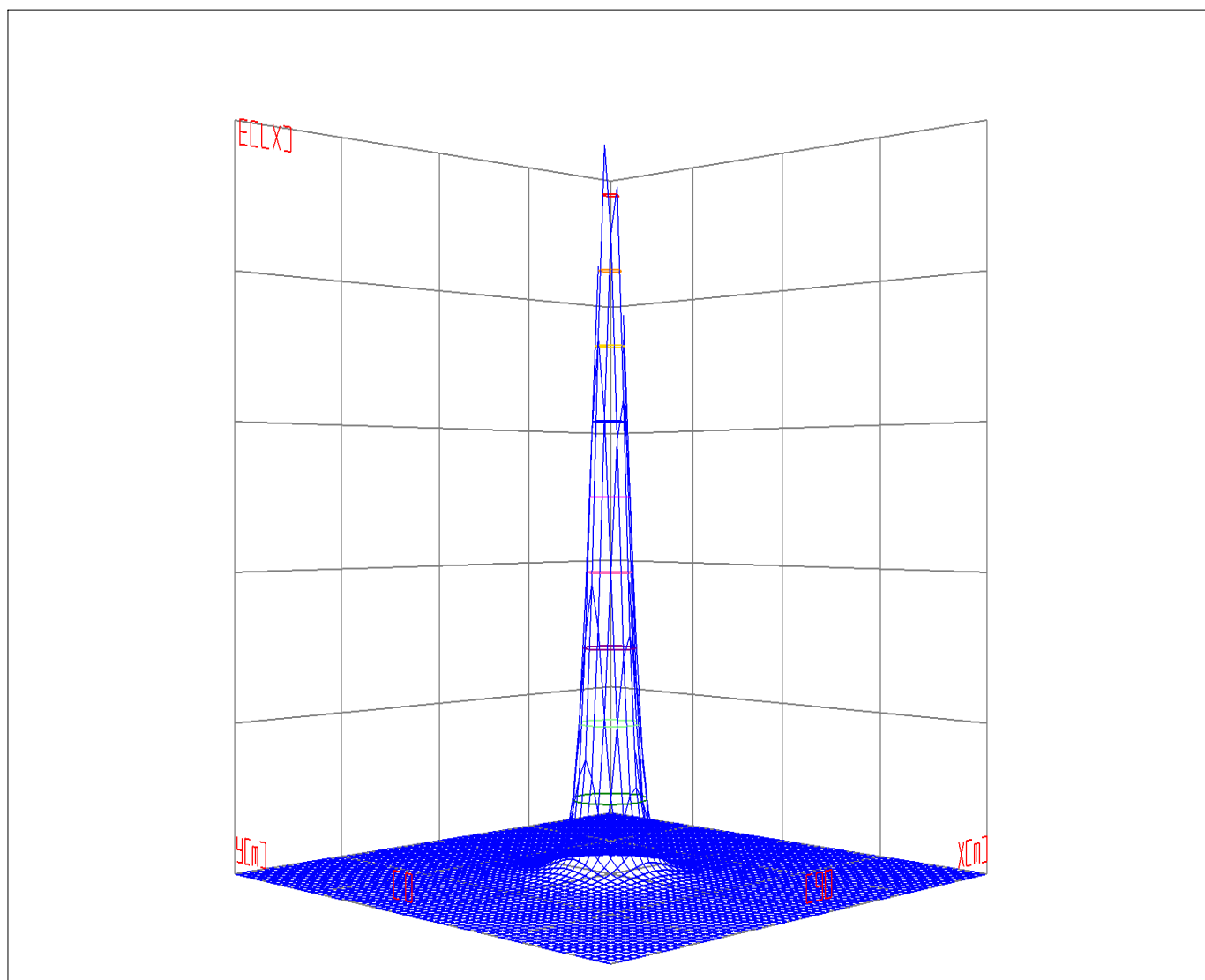
Working Plane Maximum Illuminance(lx): 133.66

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

3D Plane ISO Illuminance Diagram

Lum. Name: MD13-06-XX-01 3000K RA90 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/14

3D Plane Illuminance Modal

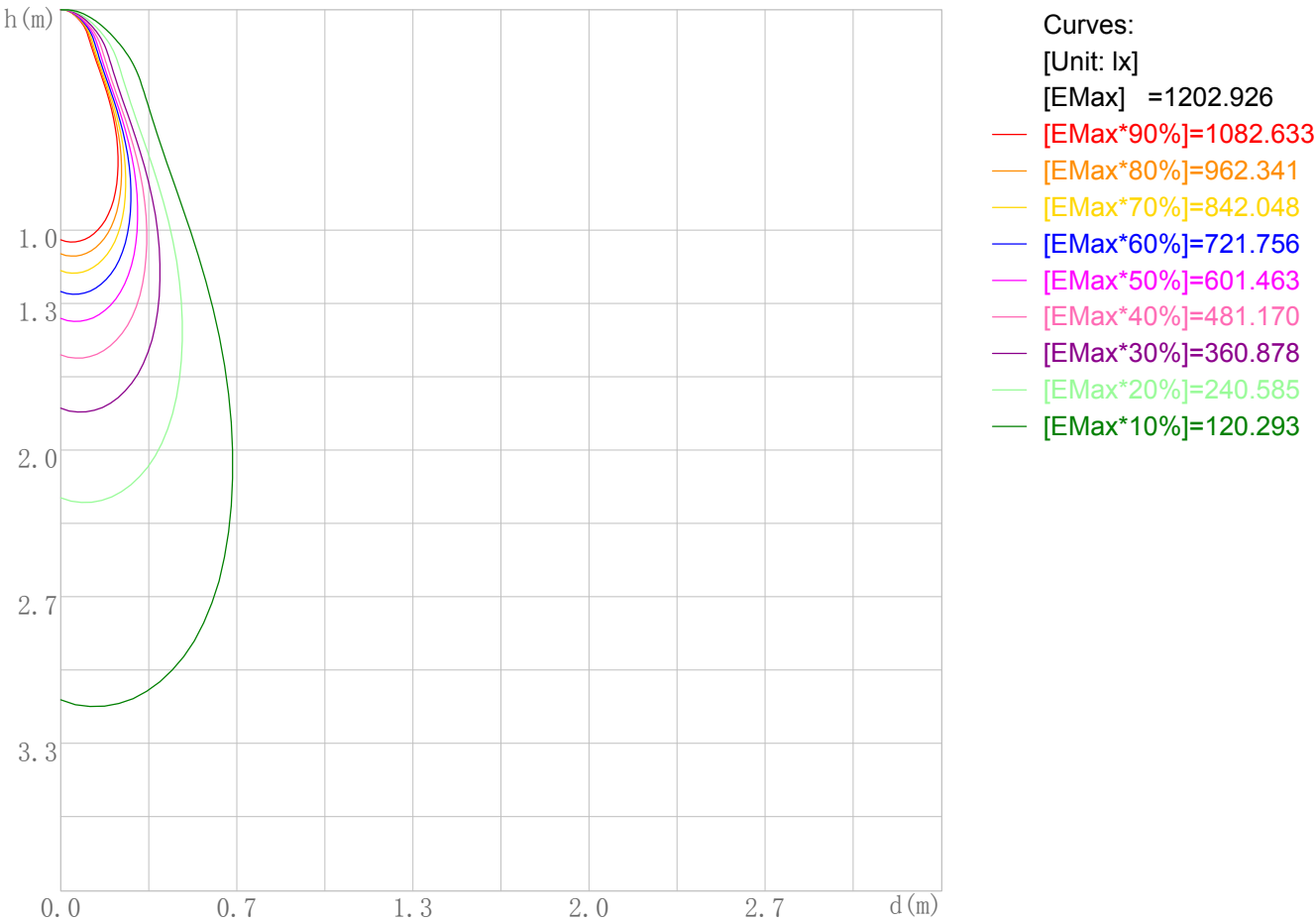


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD13-06-XX-01 3000K RA90 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/14

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1202.93lx,2.0deg
Plane Maximum Lighting Intensity and @Angle:1207.015cd,0deg

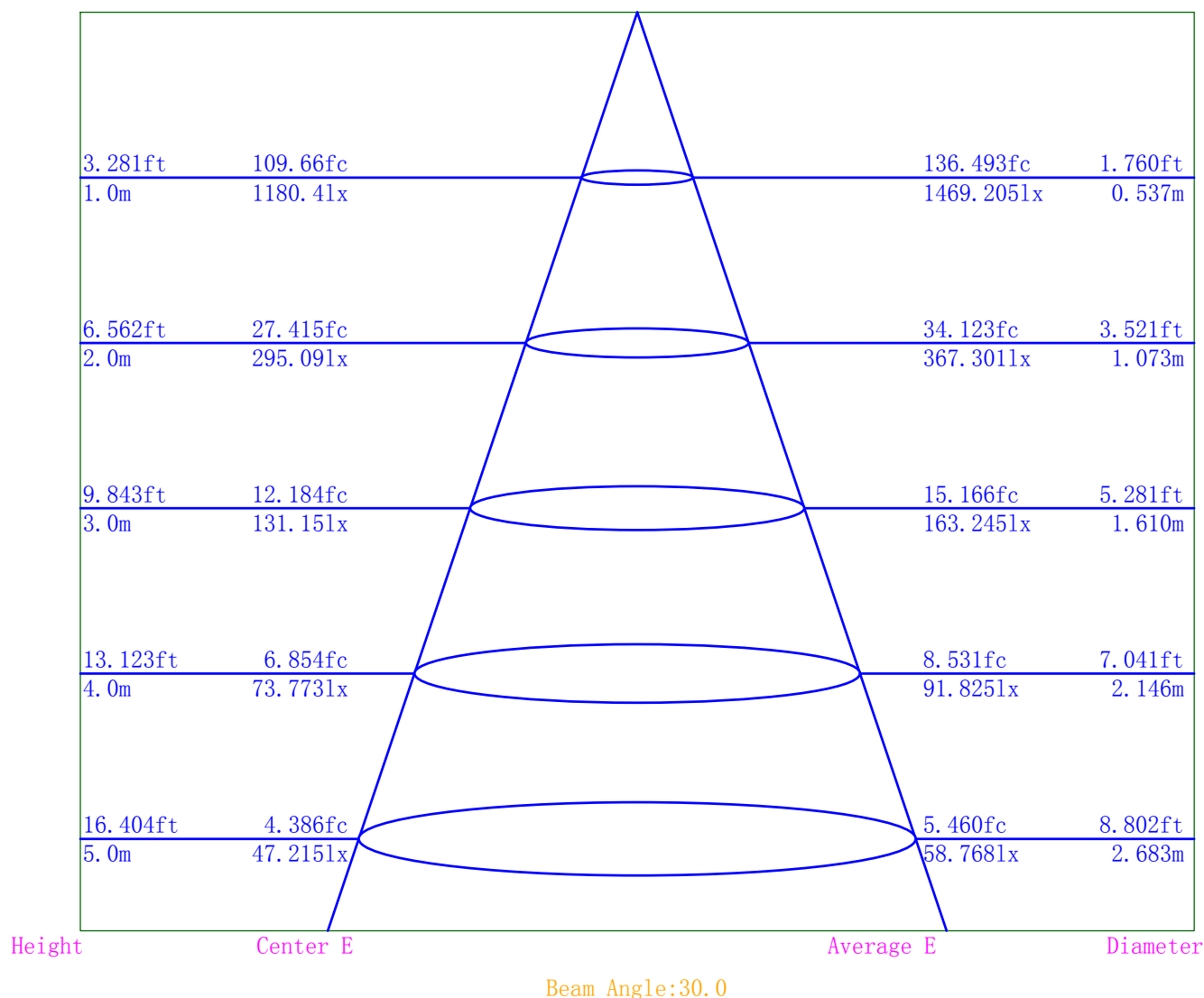
IES Indoor Report

Photometric Filename:MD13-06-XX-01 3000K RA90 30D.IES

Illuminance-Distance Diagram

Lum. Name: MD13-06-XX-01 3000K RA90 30D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/14

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD13-06-XX-01 3000K RA90 30D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD13-06-XX-01 3000K RA90 30D	Lum. Catalog: LED	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/14

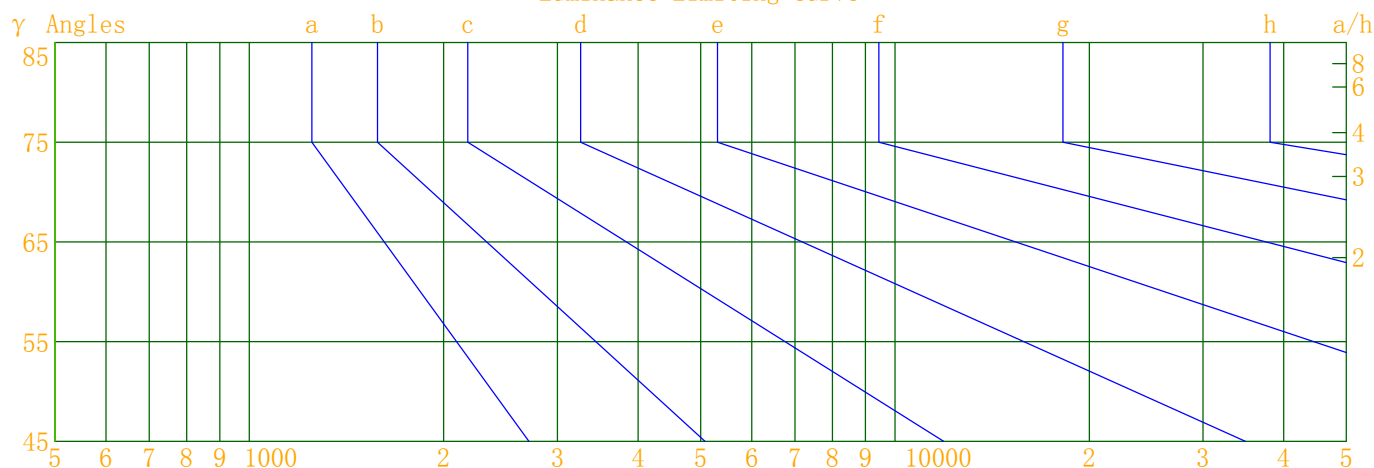
Glare Grade Table

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	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

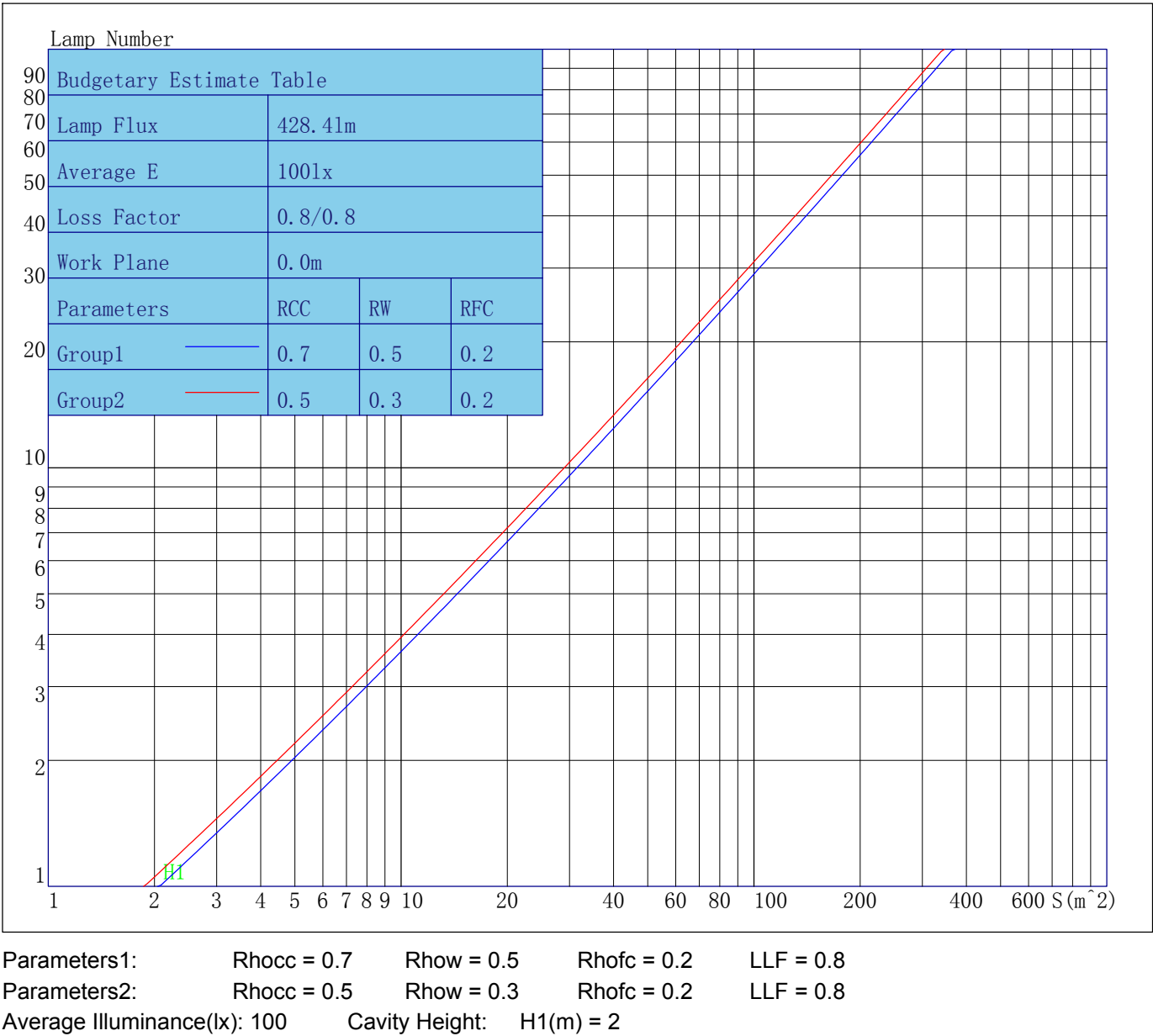
Luminance Limiting Curve



Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m^2)=0.000000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

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



Indoor Coefficient of Utilization Table

Lum. Name: MD13-06-XX-01 3000K RA90 30D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/14

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	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	96
1	113	110	107	105	110	107	105	103	103	101	99	98	97	96	94	93	92	90
2	108	103	99	96	105	101	97	94	97	94	92	94	91	89	90	89	87	85
3	103	97	92	88	101	95	91	88	92	89	86	89	86	84	87	84	82	81
4	98	92	87	83	96	90	86	82	88	84	81	85	82	79	83	80	78	77
5	94	87	82	78	93	86	81	77	84	80	76	82	78	75	80	77	74	73
6	91	83	78	74	89	82	77	73	80	76	73	78	75	72	77	74	71	70
7	87	79	74	70	86	78	73	70	77	72	69	75	72	69	74	71	68	67
8	84	76	71	67	83	75	70	67	74	70	66	73	69	66	71	68	65	64
9	81	73	68	64	80	72	67	64	71	67	64	70	66	63	69	66	63	62
10	78	70	65	62	77	70	65	62	69	64	61	68	64	61	67	63	61	60

Unified Glare Rating Table

Lum. Name: MD13-06-XX-01 3000K RA90 30D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/03/14

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	-4.1	-3.1	-3.7	-2.7	-2.3	-4.1	-3.1	-3.7	-2.7	-2.3	
	Y=3H	-4.3	-3.4	-3.9	-3.0	-2.5	-4.3	-3.4	-3.9	-3.0	-2.5
	Y=4H	-4.4	-3.6	-3.9	-3.1	-2.7	-4.4	-3.6	-3.9	-3.1	-2.7
	Y=6H	-4.5	-3.7	-4.0	-3.3	-2.8	-4.5	-3.7	-4.0	-3.3	-2.8
	Y=8H	-4.6	-3.8	-4.1	-3.4	-2.9	-4.6	-3.8	-4.1	-3.4	-2.9
	Y=12H	-4.6	-3.9	-4.1	-3.5	-2.9	-4.6	-3.9	-4.1	-3.5	-2.9
X=4H Y=2H	-4.4	-3.6	-3.9	-3.1	-2.7	-4.4	-3.6	-3.9	-3.1	-2.7	
	Y=3H	-4.6	-3.9	-4.1	-3.4	-2.9	-4.6	-3.9	-4.1	-3.4	-2.9
	Y=4H	-4.7	-4.1	-4.2	-3.6	-3.1	-4.7	-4.1	-4.2	-3.6	-3.1
	Y=6H	-4.9	-4.3	-4.3	-3.8	-3.2	-4.9	-4.3	-4.3	-3.8	-3.2
	Y=8H	-4.9	-4.4	-4.4	-3.9	-3.3	-4.9	-4.4	-4.4	-3.9	-3.3
	Y=12H	-5.0	-4.5	-4.4	-4.0	-3.4	-5.0	-4.5	-4.4	-4.0	-3.4
X=8H Y=4H	-4.9	-4.4	-4.4	-3.9	-3.3	-4.9	-4.4	-4.4	-3.9	-3.3	
	Y=6H	-5.0	-4.6	-4.5	-4.0	-3.4	-5.0	-4.6	-4.5	-4.0	-3.4
	Y=8H	-5.1	-4.7	-4.5	-4.1	-3.6	-5.1	-4.7	-4.5	-4.1	-3.6
	Y=12H	-5.2	-4.8	-4.6	-4.3	-3.6	-5.2	-4.8	-4.6	-4.3	-3.6
X=12H Y=4H	-5.0	-4.5	-4.4	-4.0	-3.4	-5.0	-4.5	-4.4	-4.0	-3.4	
	Y=6H	-5.1	-4.7	-4.5	-4.2	-3.6	-5.1	-4.7	-4.5	-4.2	-3.6
	Y=8H	-5.2	-4.8	-4.6	-4.3	-3.6	-5.2	-4.8	-4.6	-4.3	-3.6
Variations with the objerver position at spacings											
S=1.0H	0.0/0.0					0.0/0.0					
S=1.5H	0.0/0.0					0.0/0.0					
S=2.0H	0.0/0.0					0.0/0.0					
Reduced UGR Table:											
Nordic Standard Table:	BK0					BK0					
Correction Value	0.0					0.0					

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	1180.36	1180.36	1180.36	1180.36
γ 1.0	1197.69	1179.90	1162.22	1165.40
γ 2.0	1205.13	1178.46	1135.61	1149.07
γ 3.0	1207.02	1169.23	1104.21	1127.29
γ 4.0	1201.56	1155.66	1066.62	1100.65
γ 5.0	1189.95	1133.33	1023.97	1068.05
γ 6.0	1170.23	1105.42	978.21	1032.56
γ 7.0	1145.00	1072.10	928.49	990.80
γ 8.0	1113.26	1033.95	875.99	944.75
γ 9.0	1076.59	989.52	820.41	893.98
γ 10.0	1033.59	940.29	763.02	840.93
γ 11.0	985.11	885.92	704.56	785.47
γ 12.0	931.52	829.21	646.17	728.89
γ 13.0	874.49	769.53	588.61	672.11
γ 14.0	812.60	708.29	533.03	615.80
γ 15.0	749.69	645.51	479.88	560.21
γ 16.0	685.53	583.12	429.45	506.23
γ 17.0	621.71	522.34	381.89	453.95
γ 18.0	559.73	463.98	337.05	403.39
γ 19.0	500.00	408.30	295.20	355.88
γ 20.0	441.63	356.07	256.60	311.53
γ 21.0	385.82	306.35	222.10	270.61
γ 22.0	332.88	260.72	191.80	233.24
γ 23.0	284.02	219.42	164.99	199.64
γ 24.0	239.85	183.52	141.39	169.88
γ 25.0	201.16	153.57	120.65	143.70
γ 26.0	168.63	129.25	102.96	121.66
γ 27.0	141.49	109.87	88.44	103.33
γ 28.0	119.90	94.58	76.53	88.48
γ 29.0	102.85	82.56	66.68	76.41
γ 30.0	89.64	73.07	58.42	66.76
γ 31.0	79.24	65.24	51.75	58.88
γ 32.0	70.86	58.78	46.28	52.48
γ 33.0	63.99	53.36	41.69	47.09
γ 34.0	58.32	48.82	37.83	42.60
γ 35.0	53.54	44.92	34.55	38.79
γ 36.0	49.43	41.58	31.78	35.56
γ 37.0	45.90	38.65	29.40	32.78
γ 38.0	42.86	36.12	27.37	30.46
γ 39.0	40.16	33.87	25.63	28.43
γ 40.0	37.83	31.88	24.10	26.71
γ 41.0	35.67	30.11	22.78	25.20
γ 42.0	33.80	28.52	21.63	23.93
γ 43.0	32.04	27.05	20.57	22.77
γ 44.0	30.42	25.71	19.65	21.81
γ 45.0	28.86	24.44	18.78	20.89
γ 46.0	27.33	23.20	17.94	20.08

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	25.83	22.02	17.13	19.29
γ 48.0	24.39	20.81	16.33	18.52
γ 49.0	22.95	19.63	15.57	17.73
γ 50.0	21.59	18.47	14.79	16.96
γ 51.0	20.27	17.31	14.05	16.16
γ 52.0	18.99	16.20	13.29	15.37
γ 53.0	17.75	15.11	12.56	14.56
γ 54.0	16.59	14.09	11.85	13.79
γ 55.0	15.49	13.11	11.16	13.02
γ 56.0	14.49	12.19	10.48	12.27
γ 57.0	13.55	11.35	9.85	11.56
γ 58.0	12.69	10.55	9.25	10.88
γ 59.0	11.89	9.83	8.69	10.22
γ 60.0	11.14	9.15	8.17	9.61
γ 61.0	10.46	8.54	7.70	9.05
γ 62.0	9.86	8.01	7.25	8.55
γ 63.0	9.29	7.53	6.85	8.08
γ 64.0	8.78	7.09	6.48	7.66
γ 65.0	8.30	6.68	6.15	7.25
γ 66.0	7.86	6.31	5.84	6.89
γ 67.0	7.44	5.99	5.53	6.53
γ 68.0	7.05	5.67	5.24	6.21
γ 69.0	6.68	5.36	4.97	5.91
γ 70.0	6.34	5.07	4.71	5.62
γ 71.0	6.02	4.82	4.47	5.35
γ 72.0	5.71	4.58	4.23	5.09
γ 73.0	5.42	4.35	4.02	4.86
γ 74.0	5.14	4.16	3.82	4.64
γ 75.0	4.90	3.98	3.68	4.47
γ 76.0	4.72	3.83	3.55	4.31
γ 77.0	4.55	3.70	3.44	4.17
γ 78.0	4.39	3.58	3.34	4.04
γ 79.0	4.26	3.47	3.23	3.93
γ 80.0	4.13	3.36	3.14	3.81
γ 81.0	4.01	3.26	3.05	3.70
γ 82.0	3.88	3.15	2.96	3.58
γ 83.0	3.76	3.06	2.87	3.48
γ 84.0	3.65	2.95	2.77	3.37
γ 85.0	3.54	2.84	2.64	3.26
γ 86.0	3.41	2.72	2.50	3.13
γ 87.0	3.26	2.56	2.36	2.93
γ 88.0	3.09	2.42	2.25	2.83
γ 89.0	2.94	2.25	2.11	2.66
γ 90.0	2.74	2.13	2.07	2.58
γ 91.0	2.68	2.10	2.04	2.54
γ 92.0	2.63	2.07	2.01	2.50
γ 93.0	2.59	2.04	1.99	2.45

IES Indoor Report

Photometric Filename:MD13-06-XX-01 3000K RA90 30D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.55	2.01	1.96	2.41
γ 95.0	2.51	1.99	1.94	2.38
γ 96.0	2.47	1.97	1.91	2.36
γ 97.0	2.43	1.94	1.90	2.32
γ 98.0	2.40	1.93	1.89	2.29
γ 99.0	2.37	1.92	1.87	2.26
γ 100.0	2.35	1.89	1.86	2.24
γ 101.0	2.32	1.87	1.84	2.22
γ 102.0	2.29	1.86	1.83	2.20
γ 103.0	2.27	1.85	1.82	2.18
γ 104.0	2.24	1.84	1.81	2.15
γ 105.0	2.21	1.82	1.80	2.14
γ 106.0	2.20	1.81	1.79	2.13
γ 107.0	2.17	1.79	1.79	2.11
γ 108.0	2.15	1.77	1.79	2.09
γ 109.0	2.13	1.76	1.79	2.09
γ 110.0	2.11	1.76	1.78	2.07
γ 111.0	2.10	1.75	1.78	2.07
γ 112.0	2.08	1.73	1.77	2.06
γ 113.0	2.06	1.72	1.77	2.05
γ 114.0	2.05	1.72	1.78	2.04
γ 115.0	2.03	1.71	1.79	2.04
γ 116.0	2.02	1.71	1.80	2.04
γ 117.0	2.00	1.70	1.81	2.04
γ 118.0	1.99	1.69	1.82	2.04
γ 119.0	1.99	1.69	1.83	2.04
γ 120.0	1.98	1.70	1.85	2.05
γ 121.0	1.98	1.70	1.87	2.06
γ 122.0	1.98	1.71	1.89	2.08
γ 123.0	1.97	1.72	1.93	2.09
γ 124.0	1.98	1.73	1.95	2.12
γ 125.0	1.99	1.75	1.99	2.14
γ 126.0	2.00	1.77	2.04	2.16
γ 127.0	2.02	1.80	2.07	2.19
γ 128.0	2.03	1.82	2.13	2.24
γ 129.0	2.06	1.86	2.18	2.28
γ 130.0	2.09	1.91	2.23	2.32
γ 131.0	2.12	1.95	2.30	2.38
γ 132.0	2.15	1.99	2.36	2.43
γ 133.0	2.19	2.04	2.42	2.49
γ 134.0	2.23	2.11	2.51	2.55
γ 135.0	2.29	2.16	2.57	2.62
γ 136.0	2.35	2.23	2.66	2.69
γ 137.0	2.42	2.30	2.73	2.76
γ 138.0	2.47	2.38	2.82	2.83
γ 139.0	2.54	2.44	2.89	2.91
γ 140.0	2.61	2.52	2.98	2.99

IES Indoor Report

Photometric Filename:MD13-06-XX-01 3000K RA90 30D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.69	2.60	3.06	3.07
γ 142.0	2.76	2.67	3.14	3.14
γ 143.0	2.84	2.77	3.23	3.22
γ 144.0	2.92	2.85	3.30	3.30
γ 145.0	2.99	2.93	3.39	3.37
γ 146.0	3.08	3.01	3.45	3.45
γ 147.0	3.16	3.09	3.54	3.51
γ 148.0	3.23	3.16	3.60	3.58
γ 149.0	3.31	3.24	3.67	3.64
γ 150.0	3.39	3.32	3.73	3.71
γ 151.0	3.47	3.38	3.80	3.77
γ 152.0	3.54	3.46	3.85	3.83
γ 153.0	3.61	3.52	3.90	3.87
γ 154.0	3.67	3.58	3.95	3.92
γ 155.0	3.74	3.64	3.99	3.96
γ 156.0	3.81	3.69	4.04	4.00
γ 157.0	3.86	3.74	4.06	4.03
γ 158.0	3.90	3.78	4.10	4.05
γ 159.0	3.95	3.82	4.11	4.07
γ 160.0	3.98	3.85	4.13	4.10
γ 161.0	4.02	3.89	4.14	4.10
γ 162.0	4.05	3.91	4.16	4.11
γ 163.0	4.07	3.93	4.16	4.12
γ 164.0	4.09	3.95	4.16	4.12
γ 165.0	4.11	3.95	4.14	4.11
γ 166.0	4.12	3.97	4.15	4.11
γ 167.0	4.14	3.97	4.13	4.09
γ 168.0	4.14	3.96	4.12	4.09
γ 169.0	4.14	3.97	4.12	4.08
γ 170.0	4.15	3.97	4.11	4.08
γ 171.0	4.15	3.97	4.11	4.05
γ 172.0	4.15	3.97	4.09	4.05
γ 173.0	4.16	3.97	4.09	4.06
γ 174.0	4.16	3.98	4.10	4.06
γ 175.0	4.17	3.98	4.11	4.07
γ 176.0	4.16	3.99	4.11	4.07
γ 177.0	4.17	4.00	4.12	4.08
γ 178.0	4.17	4.01	4.14	4.10
γ 179.0	4.16	4.01	4.15	4.10
γ 180.0	4.13	4.13	4.13	4.13