

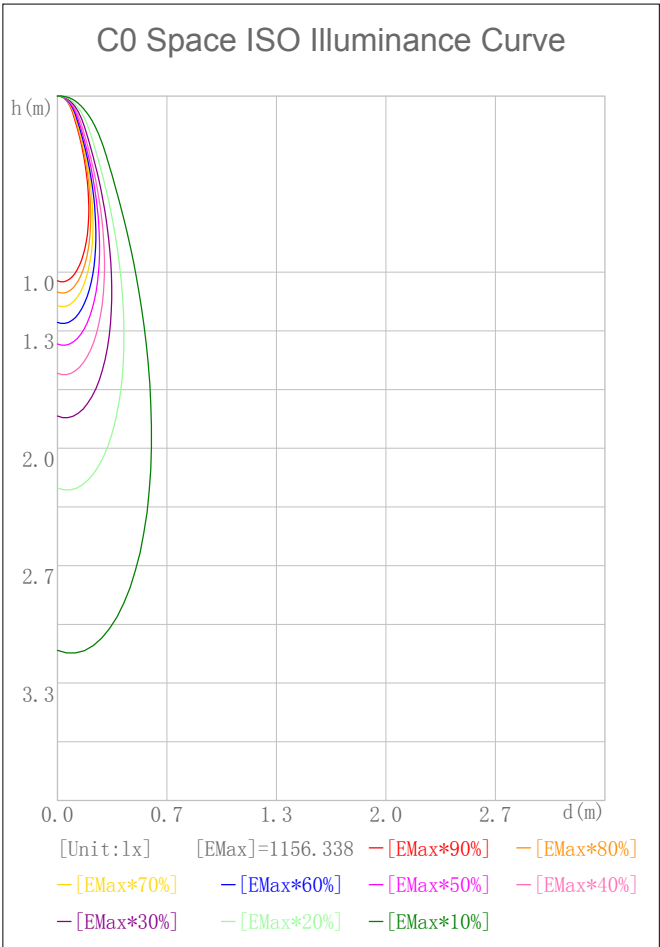
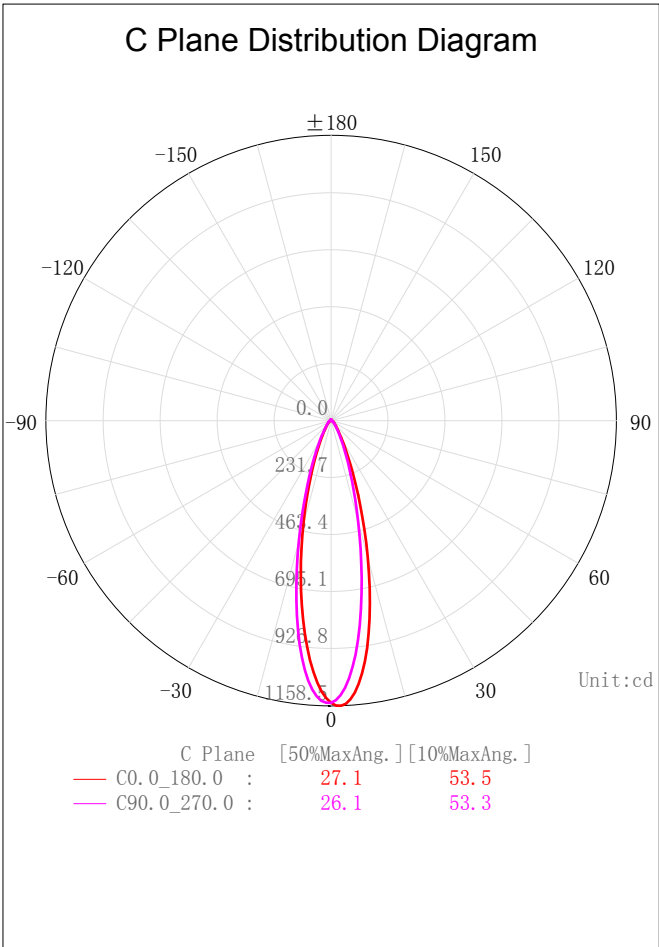
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD13-06-DW-01 3000K RA90 24D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2020/03/24
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(%): 50.0

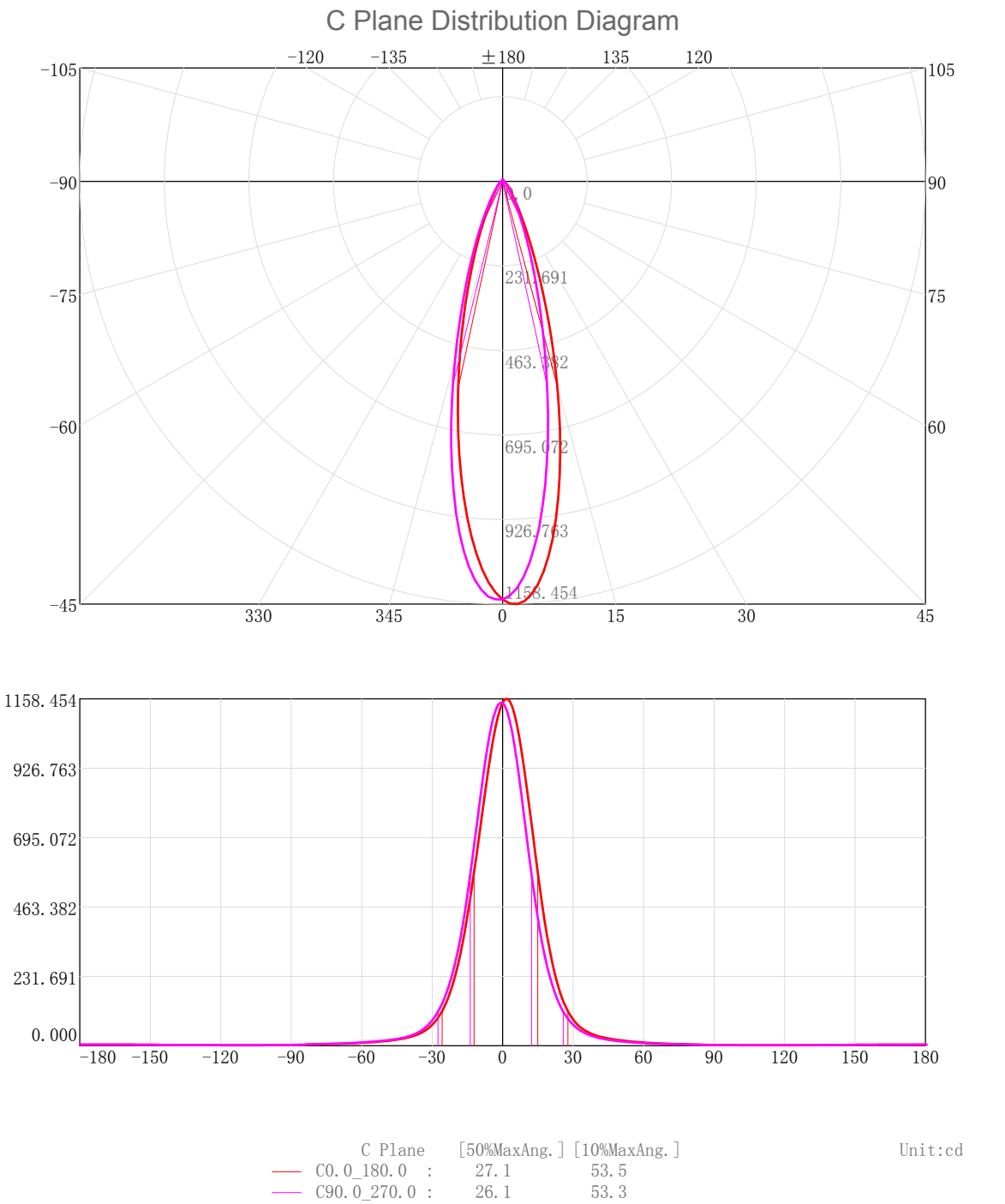
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 386.290	Luminary Flux(lm): 386.292	Field Angle(10%Imax): 53.5(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 370.096lm 95.81%	
Rated Voltage(V):	Luminary EER(lm/W): 68.491	Up Lumens&Percent: 16.196lm 4.19%	
Tested Power(W): 5.640	Max. Candela(cd): 1158.454	S/MH: C0_a180=0.457 C90_270=0.437	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.2, 0.027, 0.843	Beam Angle(50%Imax): 27.1(°)	ErP Φ use(90°): 321.576lm	
Lamp Size (W*L*H):0.000m*0.000m*0.000m	Left=-12.2°, Right=15.0°	IRF(%): 670.205	



2D Plane Light Intensity Distribution Curve

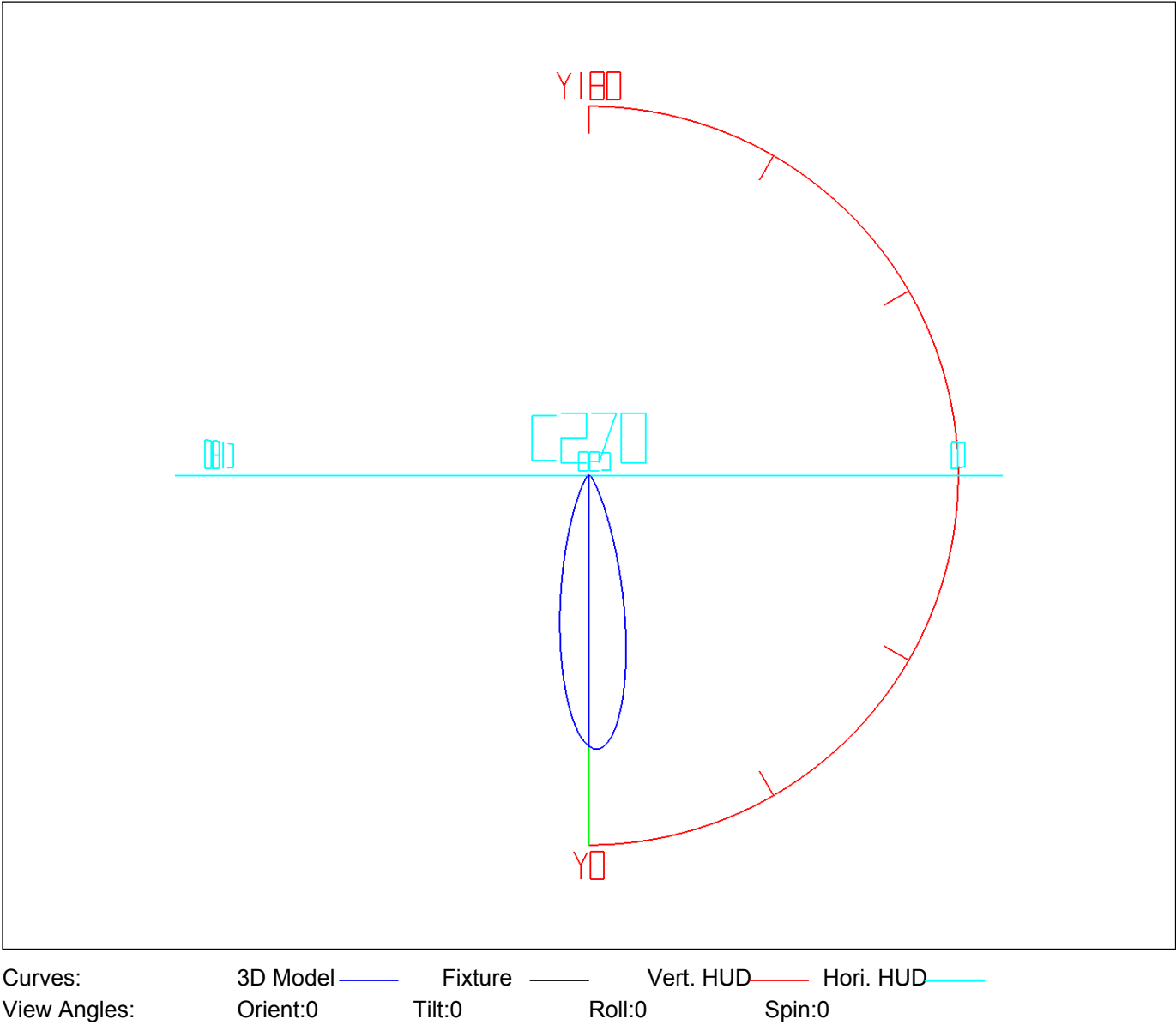
Lum. Name:MD13-06-DW-01 3000K RA90 24D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2020/03/24



3D Light Intensity Distribution Modal

Lum. Name:MD13-06-DW-01 3000K RA90 24D	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:2020/03/24

3D Light Intensity Distribution Modal



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	1.09	1.09	0.28	0.28	47.0-48.0	1.56	336.79	0.40	87.19
1.0-2.0	3.26	4.35	0.84	1.13	48.0-49.0	1.50	338.29	0.39	87.57
2.0-3.0	5.34	9.69	1.38	2.51	49.0-50.0	1.44	339.73	0.37	87.95
3.0-4.0	7.30	16.99	1.89	4.40	50.0-51.0	1.39	341.12	0.36	88.31
4.0-5.0	9.09	26.08	2.35	6.75	51.0-52.0	1.34	342.47	0.35	88.66
5.0-6.0	10.67	36.75	2.76	9.51	52.0-53.0	1.29	343.76	0.33	88.99
6.0-7.0	12.02	48.77	3.11	12.62	53.0-54.0	1.25	345.01	0.32	89.31
7.0-8.0	13.12	61.88	3.40	16.02	54.0-55.0	1.20	346.21	0.31	89.62
8.0-9.0	13.95	75.84	3.61	19.63	55.0-56.0	1.16	347.37	0.30	89.93
9.0-10.0	14.52	90.36	3.76	23.39	56.0-57.0	1.12	348.49	0.29	90.22
10.0-11.0	14.85	105.21	3.84	27.24	57.0-58.0	1.08	349.58	0.28	90.50
11.0-12.0	14.94	120.15	3.87	31.10	58.0-59.0	1.04	350.62	0.27	90.77
12.0-13.0	14.81	134.96	3.84	34.94	59.0-60.0	1.01	351.63	0.26	91.03
13.0-14.0	14.50	149.47	3.75	38.69	60.0-61.0	0.97	352.60	0.25	91.28
14.0-15.0	14.04	163.51	3.63	42.33	61.0-62.0	0.94	353.54	0.24	91.52
15.0-16.0	13.46	176.96	3.48	45.81	62.0-63.0	0.91	354.44	0.23	91.76
16.0-17.0	12.78	189.74	3.31	49.12	63.0-64.0	0.88	355.32	0.23	91.98
17.0-18.0	12.05	201.79	3.12	52.24	64.0-65.0	0.85	356.17	0.22	92.20
18.0-19.0	11.28	213.07	2.92	55.16	65.0-66.0	0.82	356.99	0.21	92.41
19.0-20.0	10.50	223.58	2.72	57.88	66.0-67.0	0.80	357.78	0.21	92.62
20.0-21.0	9.73	233.31	2.52	60.40	67.0-68.0	0.77	358.55	0.20	92.82
21.0-22.0	8.99	242.30	2.33	62.73	68.0-69.0	0.74	359.30	0.19	93.01
22.0-23.0	8.27	250.58	2.14	64.87	69.0-70.0	0.72	360.02	0.19	93.20
23.0-24.0	7.60	258.17	1.97	66.83	70.0-71.0	0.70	360.71	0.18	93.38
24.0-25.0	6.96	265.14	1.80	68.64	71.0-72.0	0.67	361.38	0.17	93.55
25.0-26.0	6.37	271.51	1.65	70.29	72.0-73.0	0.65	362.04	0.17	93.72
26.0-27.0	5.83	277.34	1.51	71.80	73.0-74.0	0.63	362.67	0.16	93.89
27.0-28.0	5.34	282.68	1.38	73.18	74.0-75.0	0.61	363.28	0.16	94.04
28.0-29.0	4.89	287.58	1.27	74.45	75.0-76.0	0.60	363.88	0.15	94.20
29.0-30.0	4.49	292.07	1.16	75.61	76.0-77.0	0.58	364.46	0.15	94.35
30.0-31.0	4.13	296.19	1.07	76.68	77.0-78.0	0.56	365.02	0.15	94.49
31.0-32.0	3.80	300.00	0.98	77.66	78.0-79.0	0.54	365.56	0.14	94.63
32.0-33.0	3.51	303.51	0.91	78.57	79.0-80.0	0.53	366.09	0.14	94.77
33.0-34.0	3.25	306.76	0.84	79.41	80.0-81.0	0.51	366.60	0.13	94.90
34.0-35.0	3.02	309.78	0.78	80.19	81.0-82.0	0.49	367.09	0.13	95.03
35.0-36.0	2.82	312.60	0.73	80.92	82.0-83.0	0.47	367.55	0.12	95.15
36.0-37.0	2.65	315.25	0.68	81.61	83.0-84.0	0.44	367.99	0.11	95.26
37.0-38.0	2.49	317.74	0.64	82.25	84.0-85.0	0.40	368.39	0.10	95.37
38.0-39.0	2.35	320.09	0.61	82.86	85.0-86.0	0.38	368.77	0.10	95.46
39.0-40.0	2.22	322.31	0.58	83.44	86.0-87.0	0.36	369.13	0.09	95.56
40.0-41.0	2.11	324.42	0.55	83.98	87.0-88.0	0.34	369.47	0.09	95.65
41.0-42.0	2.01	326.43	0.52	84.50	88.0-89.0	0.32	369.80	0.08	95.73
42.0-43.0	1.92	328.34	0.50	85.00	89.0-90.0	0.30	370.10	0.08	95.81
43.0-44.0	1.83	330.18	0.47	85.47	90.0-91.0	0.28	370.38	0.07	95.88
44.0-45.0	1.76	331.93	0.45	85.93	91.0-92.0	0.28	370.65	0.07	95.95
45.0-46.0	1.69	333.62	0.44	86.36	92.0-93.0	0.27	370.92	0.07	96.02
46.0-47.0	1.62	335.24	0.42	86.78	93.0-94.0	0.27	371.19	0.07	96.09

IES Indoor Report

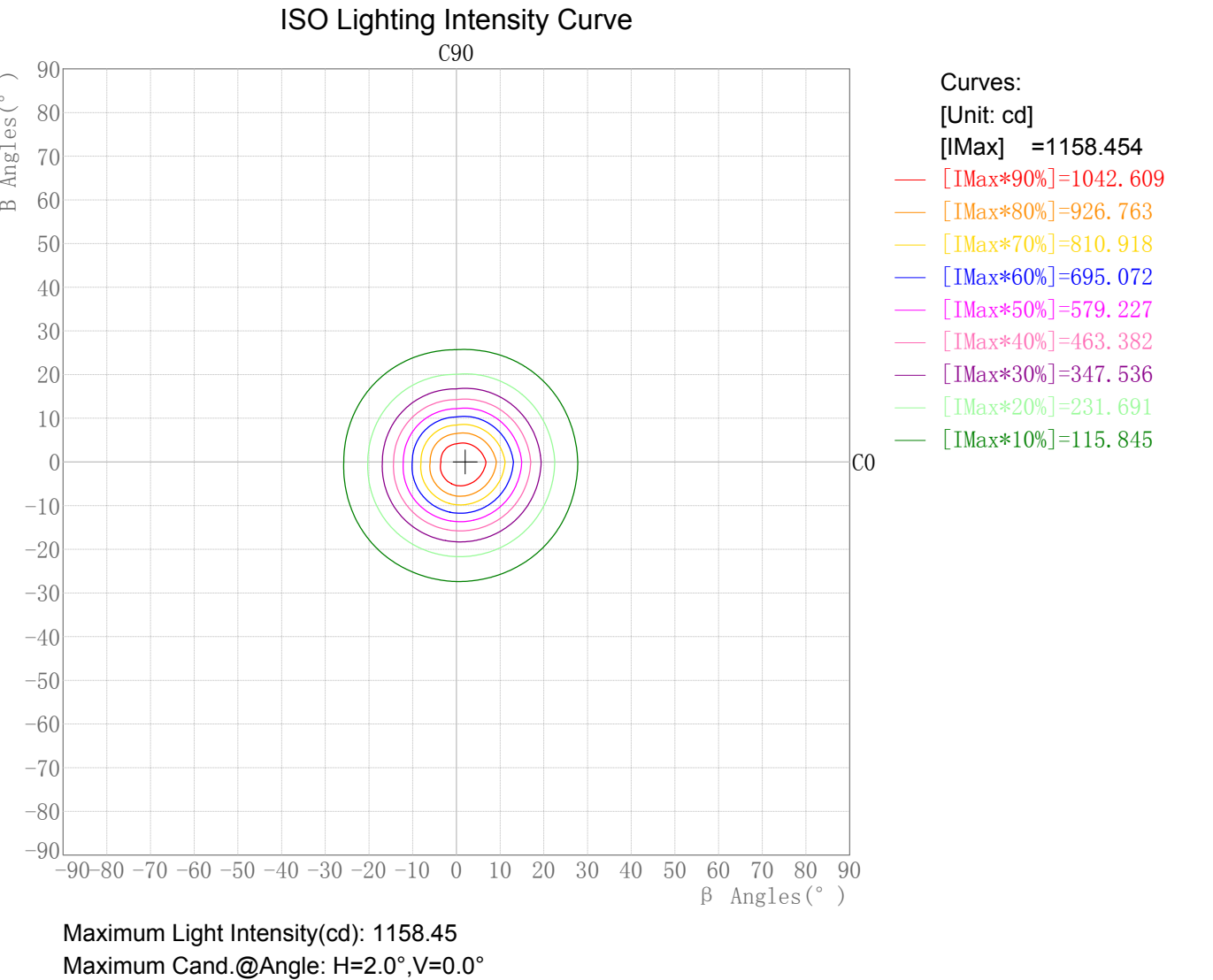
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Zonal Flux Tabulation - (Cont.)

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	0.26	371.45	0.07	96.16	141.0-142.0	0.20	381.47	0.05	98.75
95.0-96.0	0.26	371.71	0.07	96.23	142.0-143.0	0.20	381.67	0.05	98.80
96.0-97.0	0.26	371.97	0.07	96.29	143.0-144.0	0.20	381.87	0.05	98.86
97.0-98.0	0.25	372.23	0.07	96.36	144.0-145.0	0.20	382.07	0.05	98.91
98.0-99.0	0.25	372.48	0.06	96.42	145.0-146.0	0.20	382.28	0.05	98.96
99.0-100.0	0.25	372.72	0.06	96.49	146.0-147.0	0.20	382.47	0.05	99.01
100.0-101.0	0.24	372.97	0.06	96.55	147.0-148.0	0.20	382.67	0.05	99.06
101.0-102.0	0.24	373.21	0.06	96.61	148.0-149.0	0.20	382.87	0.05	99.11
102.0-103.0	0.24	373.45	0.06	96.68	149.0-150.0	0.19	383.06	0.05	99.16
103.0-104.0	0.24	373.69	0.06	96.74	150.0-151.0	0.19	383.25	0.05	99.21
104.0-105.0	0.23	373.92	0.06	96.80	151.0-152.0	0.19	383.44	0.05	99.26
105.0-106.0	0.23	374.15	0.06	96.86	152.0-153.0	0.18	383.63	0.05	99.31
106.0-107.0	0.23	374.38	0.06	96.92	153.0-154.0	0.18	383.81	0.05	99.36
107.0-108.0	0.23	374.60	0.06	96.98	154.0-155.0	0.18	383.99	0.05	99.40
108.0-109.0	0.22	374.83	0.06	97.03	155.0-156.0	0.17	384.16	0.04	99.45
109.0-110.0	0.22	375.05	0.06	97.09	156.0-157.0	0.17	384.32	0.04	99.49
110.0-111.0	0.22	375.27	0.06	97.15	157.0-158.0	0.16	384.48	0.04	99.53
111.0-112.0	0.22	375.48	0.06	97.20	158.0-159.0	0.16	384.64	0.04	99.57
112.0-113.0	0.21	375.70	0.06	97.26	159.0-160.0	0.15	384.79	0.04	99.61
113.0-114.0	0.21	375.91	0.05	97.31	160.0-161.0	0.14	384.93	0.04	99.65
114.0-115.0	0.21	376.12	0.05	97.37	161.0-162.0	0.14	385.07	0.04	99.68
115.0-116.0	0.21	376.33	0.05	97.42	162.0-163.0	0.13	385.20	0.03	99.72
116.0-117.0	0.21	376.54	0.05	97.47	163.0-164.0	0.12	385.32	0.03	99.75
117.0-118.0	0.20	376.74	0.05	97.53	164.0-165.0	0.12	385.44	0.03	99.78
118.0-119.0	0.20	376.94	0.05	97.58	165.0-166.0	0.11	385.55	0.03	99.81
119.0-120.0	0.20	377.14	0.05	97.63	166.0-167.0	0.10	385.65	0.03	99.83
120.0-121.0	0.20	377.34	0.05	97.68	167.0-168.0	0.09	385.75	0.02	99.86
121.0-122.0	0.20	377.54	0.05	97.73	168.0-169.0	0.09	385.83	0.02	99.88
122.0-123.0	0.20	377.74	0.05	97.79	169.0-170.0	0.08	385.91	0.02	99.90
123.0-124.0	0.20	377.93	0.05	97.84	170.0-171.0	0.07	385.98	0.02	99.92
124.0-125.0	0.19	378.13	0.05	97.89	171.0-172.0	0.06	386.05	0.02	99.94
125.0-126.0	0.19	378.32	0.05	97.94	172.0-173.0	0.06	386.11	0.01	99.95
126.0-127.0	0.19	378.51	0.05	97.99	173.0-174.0	0.05	386.16	0.01	99.97
127.0-128.0	0.19	378.71	0.05	98.04	174.0-175.0	0.04	386.20	0.01	99.98
128.0-129.0	0.19	378.90	0.05	98.09	175.0-176.0	0.03	386.23	0.01	99.98
129.0-130.0	0.19	379.09	0.05	98.14	176.0-177.0	0.03	386.26	0.01	99.99
130.0-131.0	0.19	379.29	0.05	98.19	177.0-178.0	0.02	386.28	0.00	100.00
131.0-132.0	0.19	379.48	0.05	98.24	178.0-179.0	0.01	386.29	0.00	100.00
132.0-133.0	0.19	379.68	0.05	98.29	179.0-180.0	0.00	386.29	0.00	100.00
133.0-134.0	0.20	379.87	0.05	98.34					
134.0-135.0	0.20	380.07	0.05	98.39					
135.0-136.0	0.20	380.27	0.05	98.44					
136.0-137.0	0.20	380.46	0.05	98.49					
137.0-138.0	0.20	380.66	0.05	98.54					
138.0-139.0	0.20	380.86	0.05	98.60					
139.0-140.0	0.20	381.07	0.05	98.65					
140.0-141.0	0.20	381.27	0.05	98.70					

Rectangle ISO Lighting Intensity Diagram

Lum. Name:MD13-06-DW-01 3000K RA90 24D	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: 2020/03/24

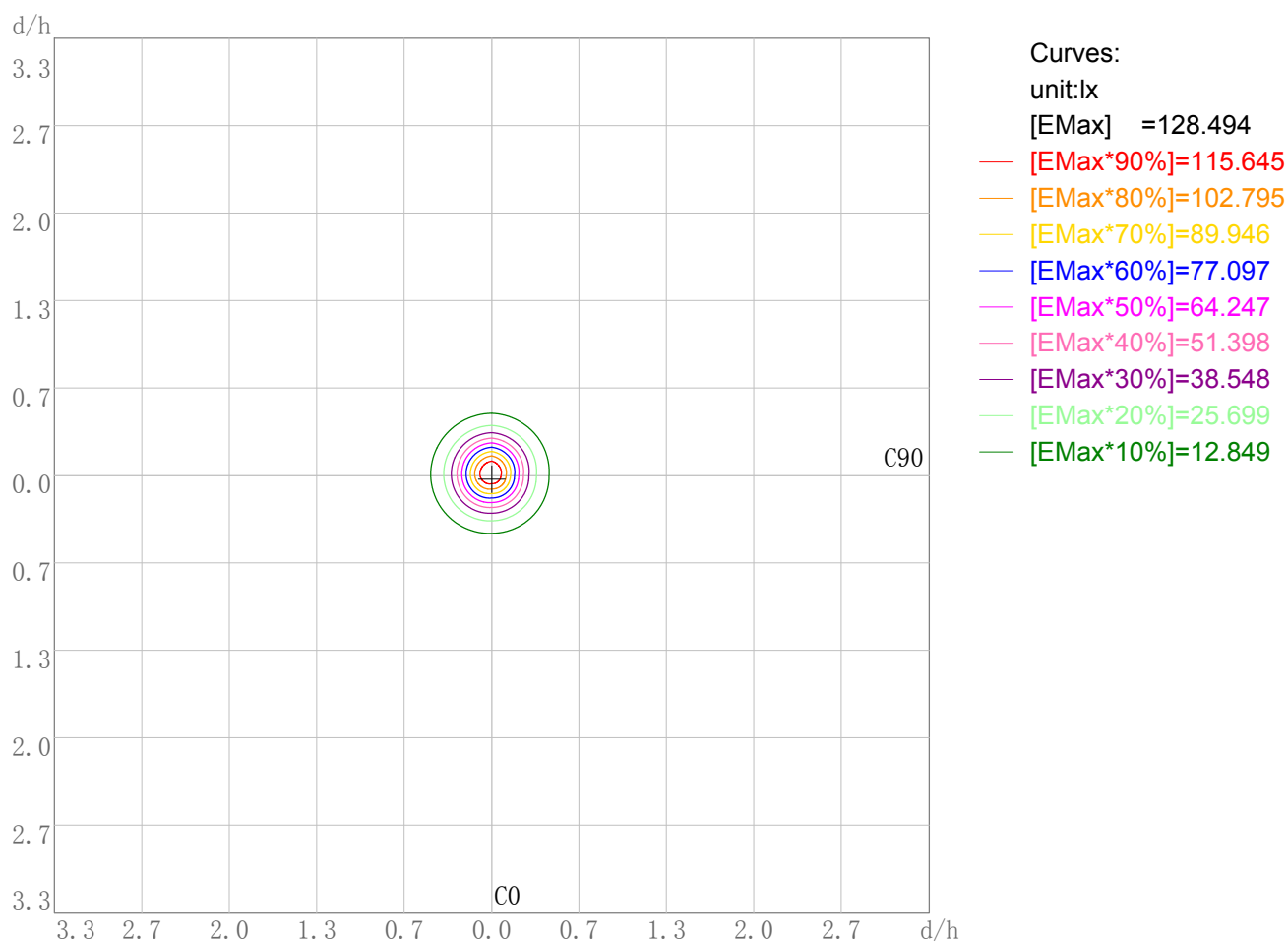


Photometric Filename:MD13-06-DW-01 3000K RA90 24D IES.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD13-06-DW-01 3000K RA90 24D	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: 2020/03/24

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 128.49
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

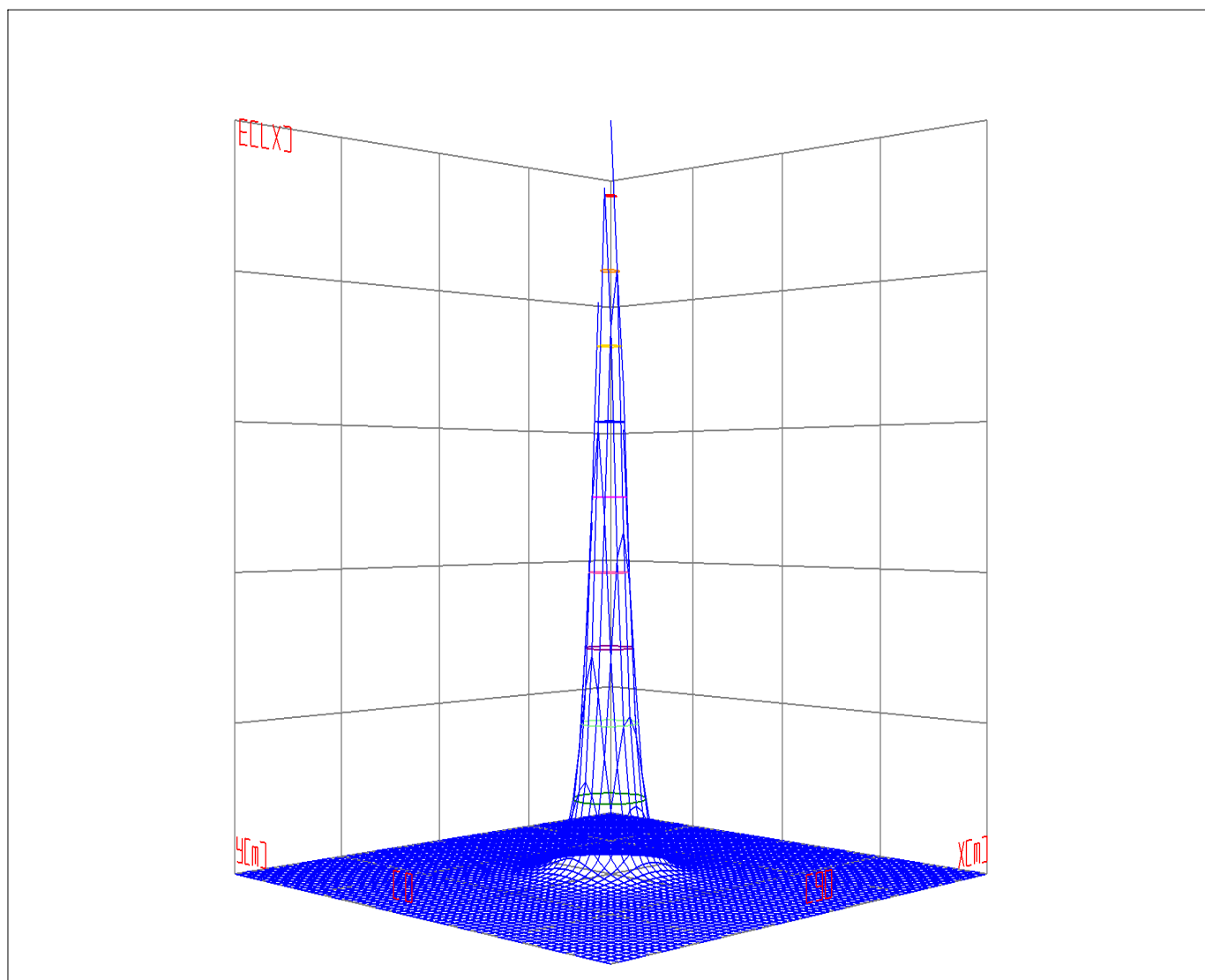
IES Indoor Report

Photometric Filename:MD13-06-DW-01 3000K RA90 24D IES.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD13-06-DW-01 3000K RA90 24D	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: 2020/03/24

3D Plane Illuminance Modal

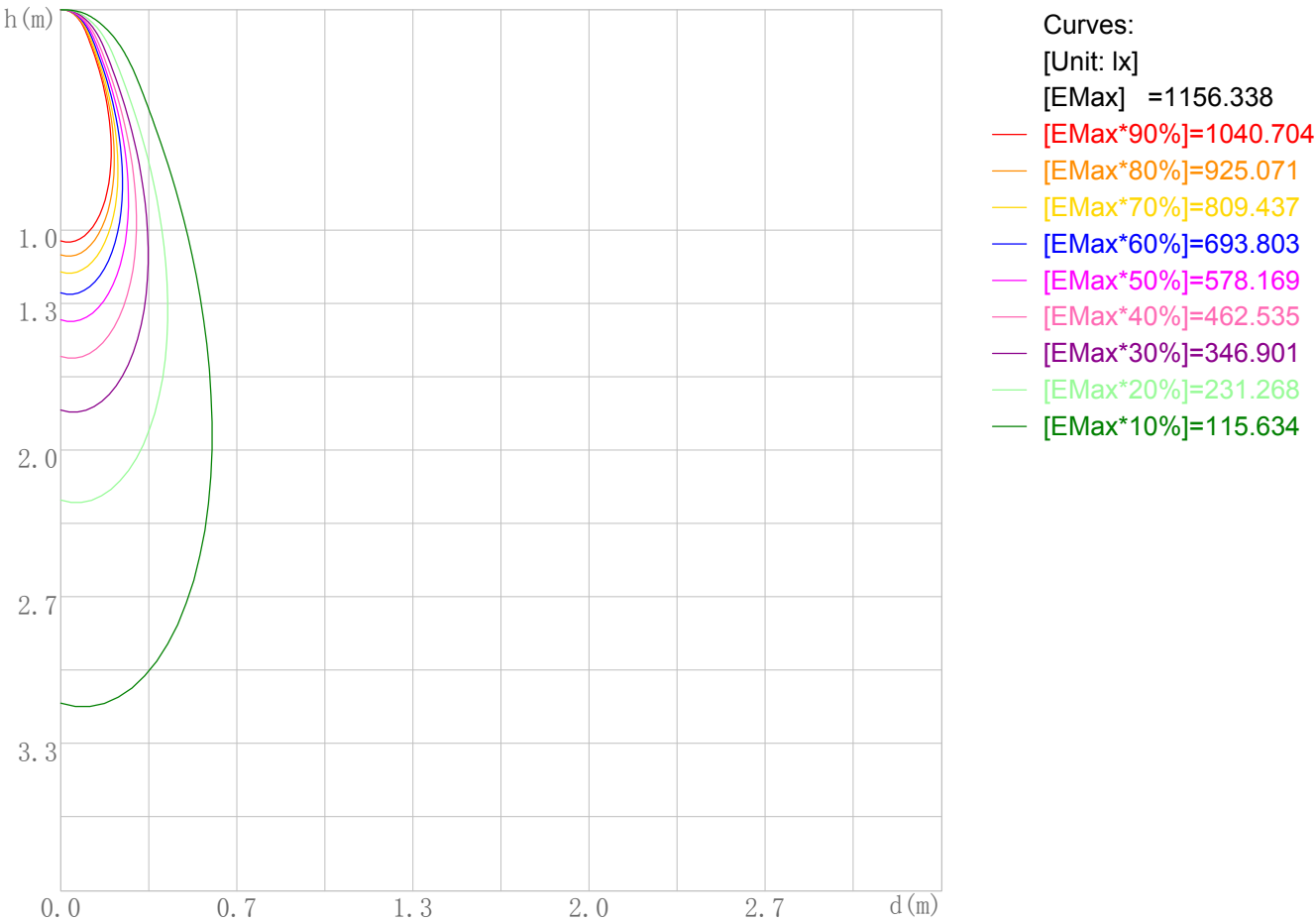


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD13-06-DW-01 3000K RA90 24D	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: 2020/03/24

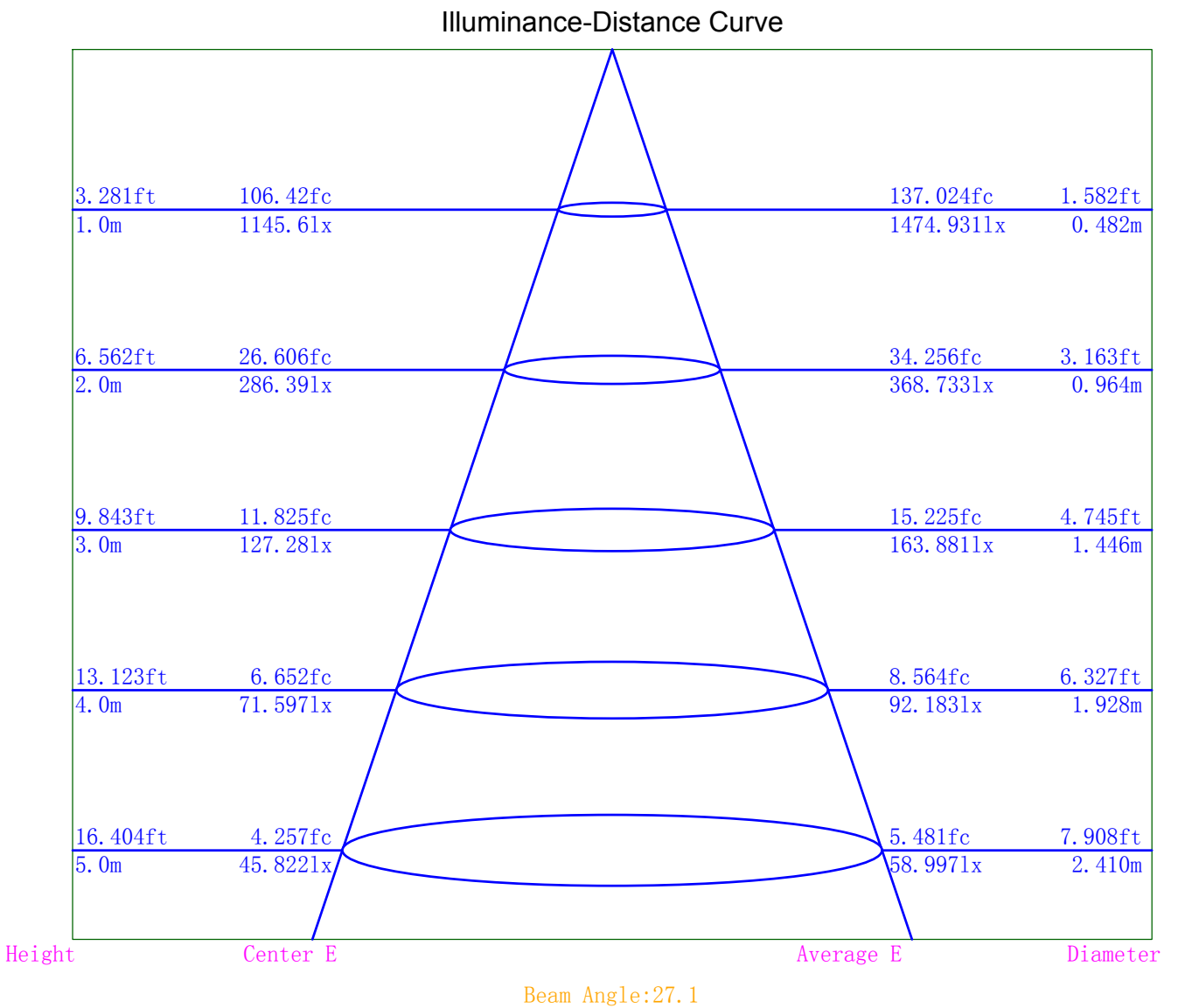
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1156.34lx,2.0deg
Plane Maximum Lighting Intensity and @Angle:1158.454cd,0deg

Illuminance-Distance Diagram

Lum. Name:MD13-06-DW-01 3000K RA90 24D	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: 2020/03/24



Indoor Luminance Limiting Curves

Lum. Name: MD13-06-DW-01 3000K RA90 24D	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: 2020/03/24

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

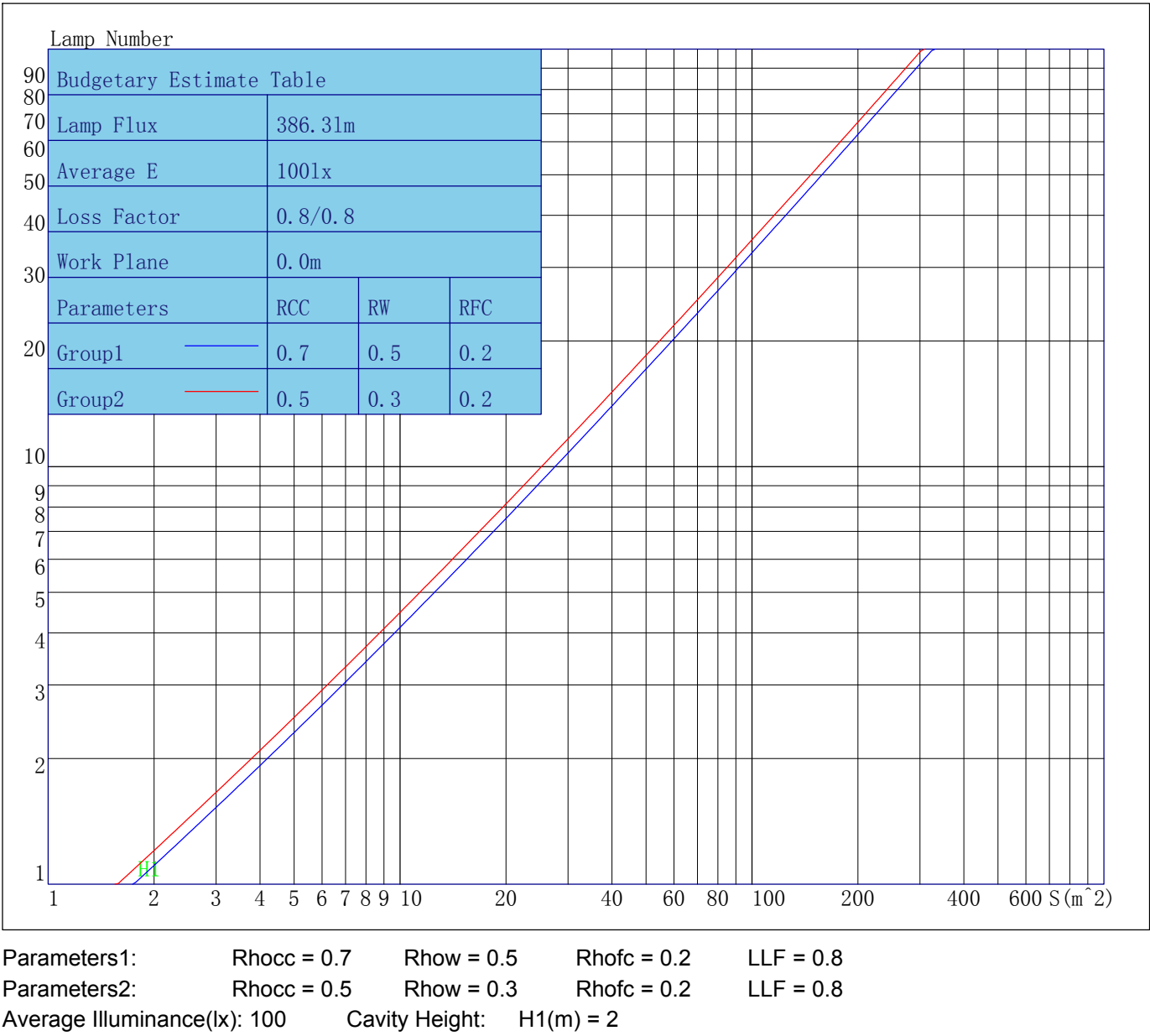
Luminous Curves:

C0-C180 Color: —

C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name: MD13-06-DW-01 3000K RA90 24D	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: 2020/03/24



Indoor Coefficient of Utilization Table

Lum. Name: MD13-06-DW-01 3000K RA90 24D	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: 2020/03/24

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	103	103	103	98	98	98	96
1	112	109	107	104	109	107	104	102	102	100	98	97	96	95	93	92	91	89
2	107	102	98	94	104	100	96	93	96	93	90	92	90	88	89	87	85	84
3	102	96	91	87	100	94	89	86	91	87	84	88	85	82	85	83	80	79
4	97	90	85	81	95	89	84	80	86	82	79	84	80	77	81	79	76	75
5	93	85	80	76	91	84	79	75	82	78	74	80	76	73	78	75	72	71
6	89	81	76	72	88	80	75	71	78	74	71	77	73	70	75	72	69	68
7	86	78	72	68	84	77	72	68	75	71	67	74	70	67	72	69	66	65
8	83	74	69	65	81	74	68	65	72	68	64	71	67	64	70	66	63	62
9	80	71	66	62	79	71	66	62	69	65	62	68	64	61	67	64	61	60
10	77	69	63	60	76	68	63	60	67	63	59	66	62	59	65	61	59	58

Unified Glare Rating Table

Lum. Name: MD13-06-DW-01 3000K RA90 24D	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: 2020/03/24

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	-4.6	-3.5	-4.1	-3.1	-2.7	-4.6	-3.5	-4.1	-3.1	-2.7	
	Y=3H	-4.8	-3.8	-4.3	-3.4	-2.9	-4.8	-3.8	-4.3	-3.4	-2.9
	Y=4H	-4.9	-4.0	-4.4	-3.5	-3.0	-4.9	-4.0	-4.4	-3.5	-3.0
	Y=6H	-5.0	-4.1	-4.5	-3.7	-3.2	-5.0	-4.1	-4.5	-3.7	-3.2
	Y=8H	-5.0	-4.2	-4.5	-3.8	-3.2	-5.0	-4.2	-4.5	-3.8	-3.2
	Y=12H	-5.1	-4.3	-4.6	-3.9	-3.3	-5.1	-4.3	-4.6	-3.9	-3.3
X=4H Y=2H	-4.9	-4.0	-4.4	-3.5	-3.0	-4.9	-4.0	-4.4	-3.5	-3.0	
	Y=3H	-5.1	-4.3	-4.6	-3.8	-3.3	-5.1	-4.3	-4.6	-3.8	-3.3
	Y=4H	-5.2	-4.5	-4.7	-4.0	-3.5	-5.2	-4.5	-4.7	-4.0	-3.5
	Y=6H	-5.3	-4.7	-4.7	-4.2	-3.6	-5.3	-4.7	-4.7	-4.2	-3.6
	Y=8H	-5.4	-4.8	-4.8	-4.3	-3.7	-5.4	-4.8	-4.8	-4.3	-3.7
	Y=12H	-5.4	-4.9	-4.9	-4.4	-3.8	-5.4	-4.9	-4.9	-4.4	-3.8
X=8H Y=4H	-5.4	-4.8	-4.8	-4.3	-3.7	-5.4	-4.8	-4.8	-4.3	-3.7	
	Y=6H	-5.5	-5.0	-4.9	-4.4	-3.8	-5.5	-5.0	-4.9	-4.4	-3.8
	Y=8H	-5.5	-5.1	-4.9	-4.5	-3.9	-5.5	-5.1	-4.9	-4.5	-3.9
	Y=12H	-5.6	-5.2	-5.0	-4.7	-4.0	-5.6	-5.2	-5.0	-4.7	-4.0
X=12H Y=4H	-5.4	-4.9	-4.9	-4.4	-3.8	-5.4	-4.9	-4.9	-4.4	-3.8	
	Y=6H	-5.5	-5.1	-4.9	-4.6	-3.9	-5.5	-5.1	-4.9	-4.6	-3.9
	Y=8H	-5.6	-5.2	-5.0	-4.7	-4.0	-5.6	-5.2	-5.0	-4.7	-4.0
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	1145.55	1145.55	1145.55	1145.55
γ 1.0	1156.82	1134.69	1126.47	1145.22
γ 2.0	1158.45	1115.45	1099.84	1138.05
γ 3.0	1151.42	1086.17	1065.14	1119.95
γ 4.0	1133.76	1049.18	1023.53	1094.19
γ 5.0	1108.53	1003.24	976.87	1059.65
γ 6.0	1074.49	954.64	925.95	1018.08
γ 7.0	1034.06	896.78	871.33	970.09
γ 8.0	986.91	838.68	816.07	916.88
γ 9.0	935.12	775.86	758.20	858.71
γ 10.0	878.10	713.39	700.68	799.39
γ 11.0	820.04	651.66	642.70	738.54
γ 12.0	758.34	589.83	587.55	677.73
γ 13.0	698.08	531.45	533.20	617.12
γ 14.0	636.16	476.52	481.17	558.75
γ 15.0	576.30	425.36	433.72	502.86
γ 16.0	518.83	378.83	387.09	450.60
γ 17.0	463.36	336.28	345.19	402.29
γ 18.0	411.65	298.41	306.67	358.90
γ 19.0	364.62	263.80	271.30	318.94
γ 20.0	321.34	233.17	239.23	283.02
γ 21.0	282.23	206.16	211.31	251.22
γ 22.0	247.25	182.16	186.21	222.78
γ 23.0	216.64	160.71	164.13	197.49
γ 24.0	189.39	141.97	144.60	175.19
γ 25.0	165.75	125.58	127.54	154.92
γ 26.0	145.13	111.55	112.36	137.02
γ 27.0	127.62	99.27	99.33	121.22
γ 28.0	112.39	88.47	87.97	107.48
γ 29.0	99.25	78.85	78.31	95.56
γ 30.0	87.86	70.53	69.93	84.99
γ 31.0	78.22	63.20	62.71	75.77
γ 32.0	69.83	56.88	56.40	67.75
γ 33.0	62.80	51.36	50.90	60.74
γ 34.0	56.59	46.79	46.17	54.55
γ 35.0	51.41	42.62	42.07	49.20
γ 36.0	46.95	39.05	38.57	44.63
γ 37.0	43.11	35.91	35.53	40.77
γ 38.0	39.68	33.13	32.86	37.44
γ 39.0	36.78	30.57	30.48	34.51
γ 40.0	34.11	28.29	28.35	31.92
γ 41.0	31.79	26.27	26.45	29.67
γ 42.0	29.68	24.58	24.79	27.69
γ 43.0	27.86	23.00	23.25	25.98
γ 44.0	26.17	21.58	21.90	24.43
γ 45.0	24.66	20.28	20.63	23.10
γ 46.0	23.23	19.07	19.49	21.91

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	21.95	17.96	18.43	20.77
γ 48.0	20.77	16.97	17.44	19.74
γ 49.0	19.67	16.04	16.53	18.78
γ 50.0	18.60	15.20	15.72	17.90
γ 51.0	17.67	14.38	14.95	17.07
γ 52.0	16.75	13.66	14.24	16.31
γ 53.0	15.91	12.94	13.56	15.59
γ 54.0	15.10	12.29	12.92	14.93
γ 55.0	14.38	11.68	12.35	14.23
γ 56.0	13.69	11.09	11.79	13.63
γ 57.0	13.02	10.53	11.28	13.06
γ 58.0	12.39	10.03	10.82	12.49
γ 59.0	11.81	9.53	10.35	11.95
γ 60.0	11.24	9.04	9.93	11.44
γ 61.0	10.71	8.61	9.54	10.95
γ 62.0	10.17	8.19	9.17	10.47
γ 63.0	9.70	7.82	8.87	10.06
γ 64.0	9.22	7.49	8.60	9.64
γ 65.0	8.82	7.16	8.31	9.28
γ 66.0	8.44	6.86	8.02	8.94
γ 67.0	8.10	6.58	7.70	8.61
γ 68.0	7.76	6.31	7.38	8.28
γ 69.0	7.46	6.06	7.08	7.98
γ 70.0	7.16	5.83	6.77	7.69
γ 71.0	6.89	5.60	6.49	7.41
γ 72.0	6.64	5.39	6.24	7.15
γ 73.0	6.39	5.21	5.99	6.92
γ 74.0	6.16	5.05	5.76	6.70
γ 75.0	5.95	4.88	5.53	6.47
γ 76.0	5.73	4.72	5.32	6.29
γ 77.0	5.55	4.56	5.12	6.11
γ 78.0	5.34	4.40	4.93	5.92
γ 79.0	5.16	4.25	4.74	5.74
γ 80.0	4.98	4.08	4.56	5.55
γ 81.0	4.80	3.88	4.36	5.36
γ 82.0	4.59	3.67	4.13	5.17
γ 83.0	4.39	3.45	3.92	4.92
γ 84.0	4.17	3.29	3.69	4.14
γ 85.0	3.96	3.13	3.37	3.60
γ 86.0	3.77	2.94	3.04	4.12
γ 87.0	3.60	2.76	2.76	3.61
γ 88.0	3.41	2.44	2.49	3.75
γ 89.0	3.24	2.29	2.34	3.62
γ 90.0	2.91	2.26	2.30	2.88
γ 91.0	2.82	2.24	2.27	2.79
γ 92.0	2.77	2.22	2.24	2.75
γ 93.0	2.73	2.19	2.21	2.70

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.70	2.17	2.19	2.65
γ 95.0	2.66	2.14	2.16	2.62
γ 96.0	2.62	2.13	2.14	2.59
γ 97.0	2.60	2.11	2.13	2.55
γ 98.0	2.56	2.10	2.11	2.52
γ 99.0	2.54	2.08	2.10	2.49
γ 100.0	2.51	2.07	2.08	2.46
γ 101.0	2.49	2.05	2.07	2.44
γ 102.0	2.46	2.04	2.05	2.41
γ 103.0	2.43	2.04	2.04	2.39
γ 104.0	2.42	2.02	2.03	2.37
γ 105.0	2.40	2.01	2.02	2.35
γ 106.0	2.38	2.00	2.01	2.33
γ 107.0	2.36	2.00	2.01	2.31
γ 108.0	2.33	1.98	2.01	2.30
γ 109.0	2.32	1.97	2.00	2.28
γ 110.0	2.31	1.97	2.00	2.28
γ 111.0	2.29	1.95	2.00	2.27
γ 112.0	2.28	1.94	2.00	2.26
γ 113.0	2.26	1.93	2.00	2.25
γ 114.0	2.25	1.93	2.00	2.25
γ 115.0	2.23	1.92	2.01	2.24
γ 116.0	2.22	1.92	2.02	2.24
γ 117.0	2.22	1.92	2.02	2.23
γ 118.0	2.21	1.92	2.04	2.23
γ 119.0	2.20	1.93	2.05	2.23
γ 120.0	2.19	1.93	2.06	2.24
γ 121.0	2.19	1.93	2.07	2.24
γ 122.0	2.19	1.95	2.09	2.25
γ 123.0	2.19	1.96	2.12	2.27
γ 124.0	2.19	1.97	2.14	2.27
γ 125.0	2.20	2.00	2.18	2.29
γ 126.0	2.22	2.01	2.20	2.29
γ 127.0	2.23	2.04	2.24	2.32
γ 128.0	2.24	2.07	2.27	2.34
γ 129.0	2.28	2.11	2.31	2.38
γ 130.0	2.30	2.14	2.36	2.41
γ 131.0	2.33	2.18	2.41	2.45
γ 132.0	2.37	2.23	2.47	2.49
γ 133.0	2.40	2.28	2.52	2.52
γ 134.0	2.44	2.34	2.58	2.58
γ 135.0	2.49	2.40	2.64	2.63
γ 136.0	2.55	2.46	2.71	2.68
γ 137.0	2.59	2.53	2.78	2.75
γ 138.0	2.65	2.60	2.84	2.80
γ 139.0	2.71	2.66	2.91	2.87
γ 140.0	2.77	2.74	2.98	2.94

IES Indoor Report

Photometric Filename:MD13-06-DW-01 3000K RA90 24D IES.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.84	2.80	3.06	3.00
γ 142.0	2.90	2.88	3.12	3.07
γ 143.0	2.97	2.95	3.19	3.13
γ 144.0	3.04	3.02	3.27	3.21
γ 145.0	3.10	3.09	3.33	3.27
γ 146.0	3.17	3.16	3.39	3.34
γ 147.0	3.24	3.22	3.46	3.41
γ 148.0	3.31	3.30	3.52	3.47
γ 149.0	3.37	3.35	3.58	3.53
γ 150.0	3.43	3.40	3.63	3.59
γ 151.0	3.50	3.46	3.68	3.64
γ 152.0	3.56	3.51	3.73	3.69
γ 153.0	3.62	3.56	3.78	3.73
γ 154.0	3.66	3.61	3.82	3.78
γ 155.0	3.72	3.65	3.86	3.82
γ 156.0	3.77	3.68	3.89	3.85
γ 157.0	3.80	3.71	3.92	3.88
γ 158.0	3.84	3.74	3.94	3.91
γ 159.0	3.88	3.77	3.96	3.93
γ 160.0	3.90	3.80	3.98	3.96
γ 161.0	3.93	3.81	3.99	3.98
γ 162.0	3.95	3.84	4.00	3.98
γ 163.0	3.97	3.85	4.01	4.01
γ 164.0	3.98	3.86	4.02	4.01
γ 165.0	4.01	3.87	4.02	4.01
γ 166.0	4.01	3.88	4.02	4.01
γ 167.0	4.02	3.88	4.01	4.01
γ 168.0	4.02	3.88	4.01	4.01
γ 169.0	4.02	3.88	4.00	4.00
γ 170.0	4.02	3.89	4.00	3.99
γ 171.0	4.04	3.88	3.98	3.99
γ 172.0	4.03	3.88	3.98	3.98
γ 173.0	4.04	3.88	3.98	3.98
γ 174.0	4.03	3.88	3.99	3.98
γ 175.0	4.03	3.89	3.99	3.96
γ 176.0	4.04	3.89	3.99	3.97
γ 177.0	4.04	3.90	4.00	3.98
γ 178.0	4.04	3.90	4.01	3.97
γ 179.0	4.04	3.91	4.03	3.98
γ 180.0	4.01	4.01	4.01	4.01