

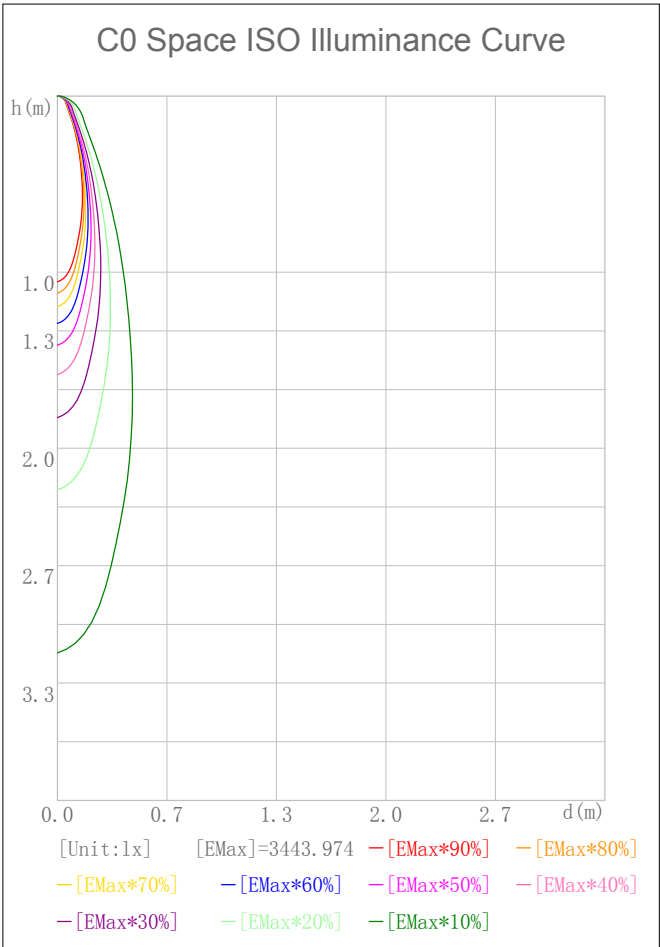
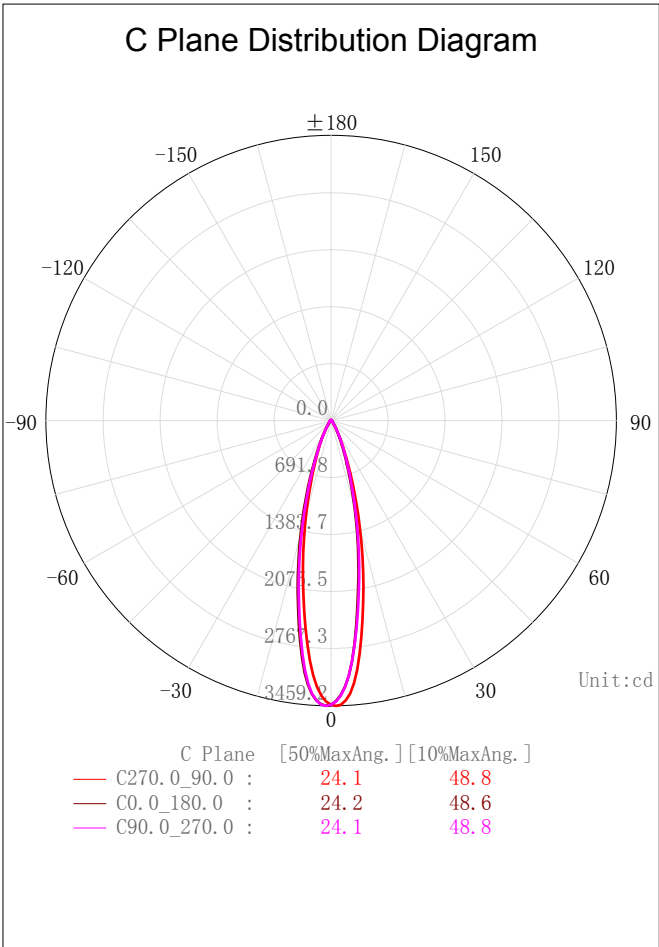
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-DW-01 2000K-3000K RA95 24D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/11/22
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*0.750m	Lum. Area (m2):0.040	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity(%): 50.0

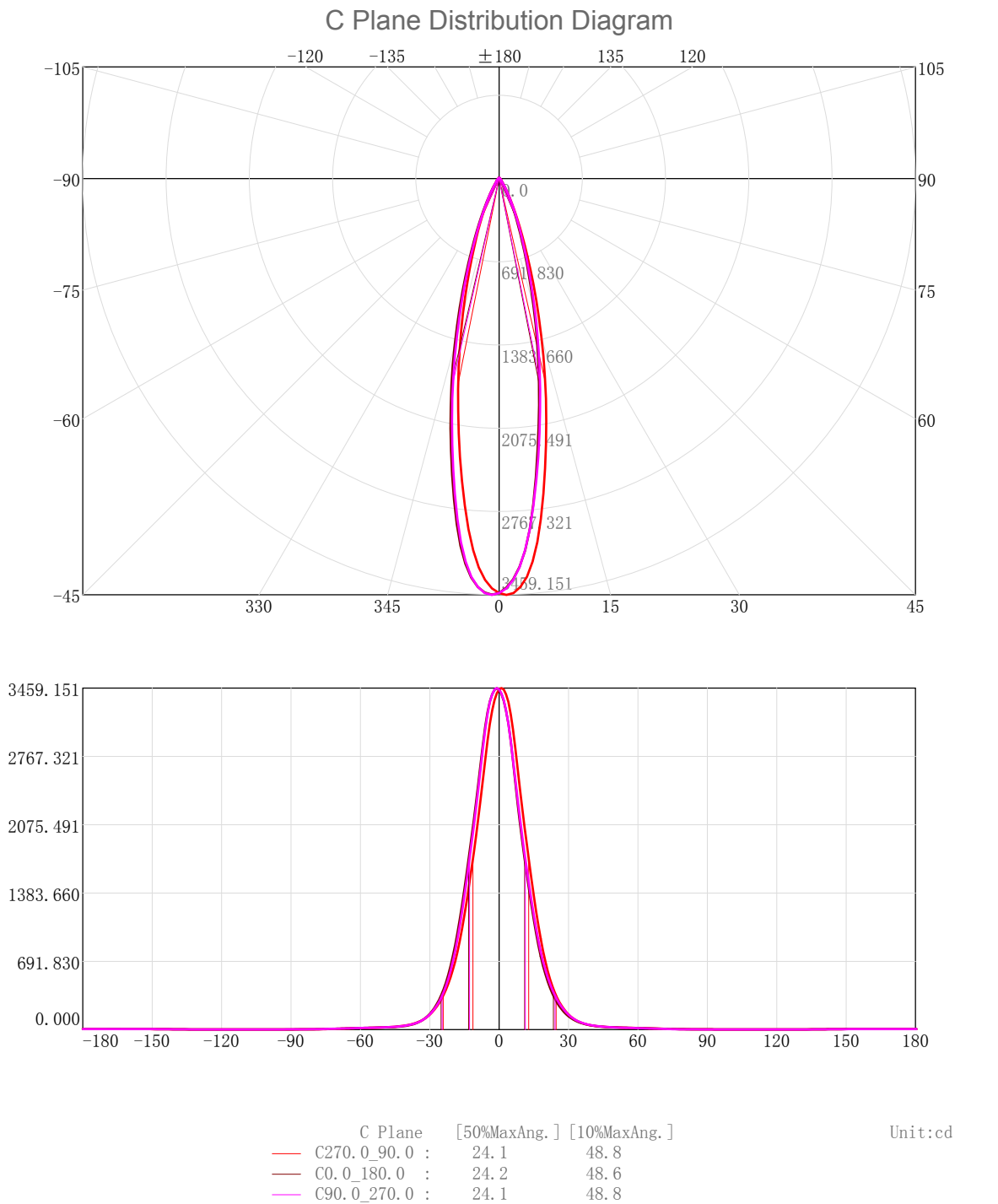
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 897.770	Luminary Flux(lm): 897.766	Field Angle(10%Imax): 48.8(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 875.125lm 97.48%
Rated Voltage(V):	Luminary EER(lm/W): 74.318	Up Lumens&Percent: 22.641lm 2.52%
Tested Power(W): 12.080	Max. Candela(cd): 3459.151	S/MH: C0_a180=0.408 C90_270=0.406
Lamps' Inside: 1	Max Cand@Ang. (°): C=270.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.1, 0.053, 0.947	Beam Angle(50%Imax): 24.1(°)	ErP ϕ use(90°): 827.045lm
Lamp Size(W*L*H):0.050m*0.050m*0.750m	Left=-11.3°, Right=12.8°	IRF(%): 903.758



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 24D	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: 2019/11/22



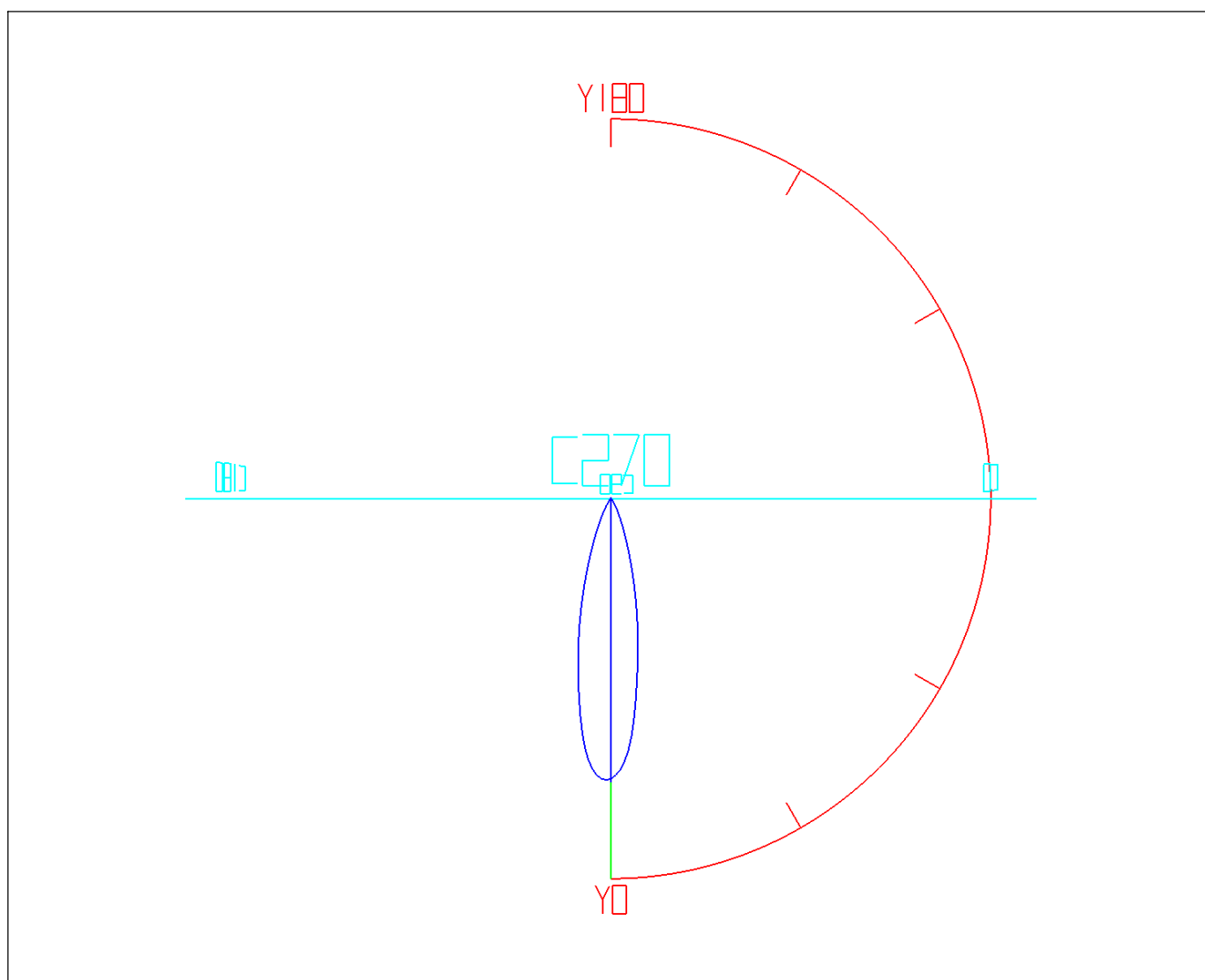
IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 24D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 24D	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: 2019/11/22

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

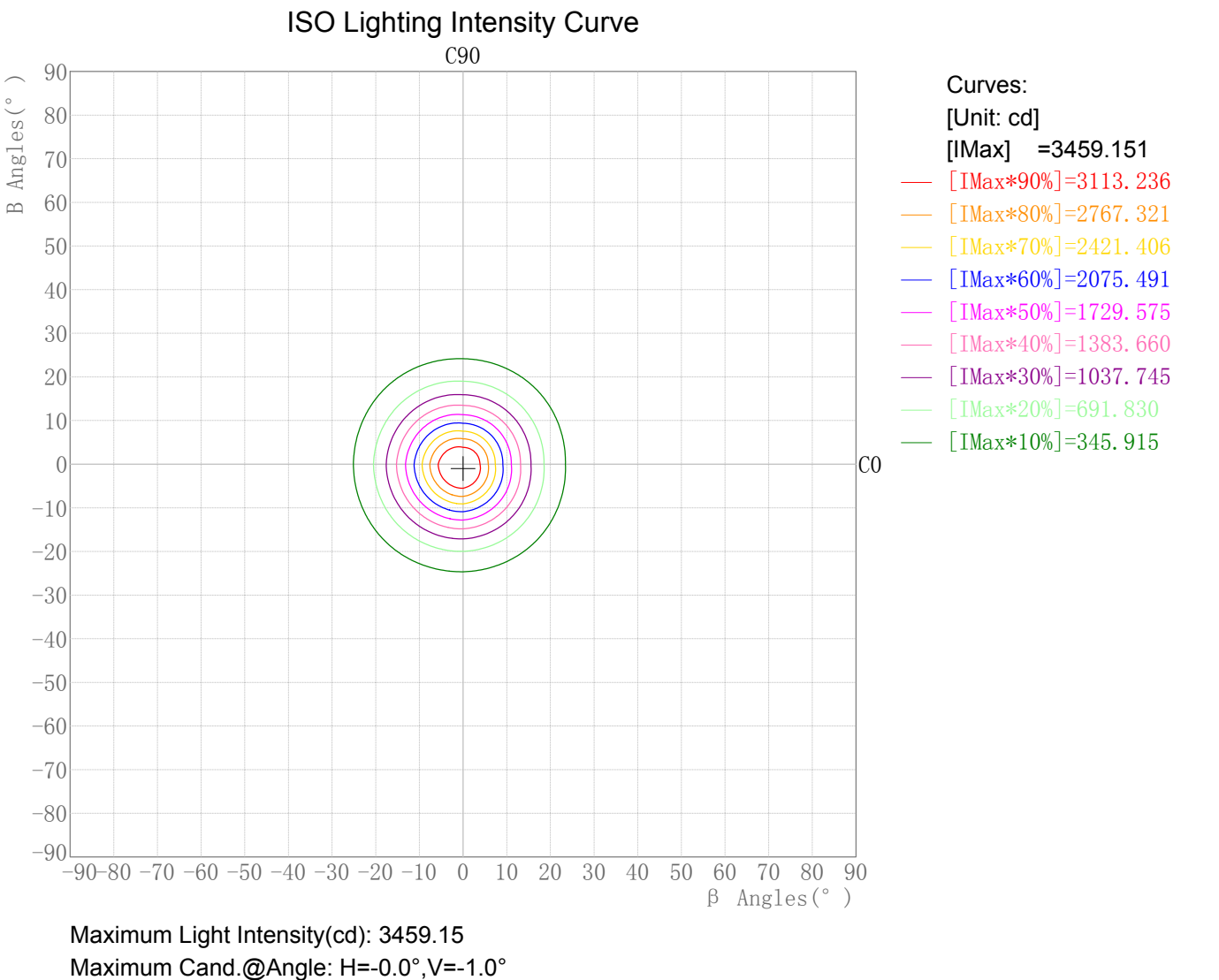
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	3.29	3.29	0.37	0.37	47.0-48.0	2.10	828.03	0.23	92.23
1.0-2.0	9.79	13.08	1.09	1.46	48.0-49.0	2.05	830.08	0.23	92.46
2.0-3.0	16.03	29.11	1.79	3.24	49.0-50.0	2.00	832.08	0.22	92.68
3.0-4.0	21.83	50.94	2.43	5.67	50.0-51.0	1.96	834.04	0.22	92.90
4.0-5.0	26.98	77.92	3.01	8.68	51.0-52.0	1.92	835.97	0.21	93.12
5.0-6.0	31.28	109.21	3.48	12.16	52.0-53.0	1.89	837.85	0.21	93.33
6.0-7.0	34.65	143.85	3.86	16.02	53.0-54.0	1.85	839.71	0.21	93.53
7.0-8.0	37.10	180.95	4.13	20.16	54.0-55.0	1.82	841.53	0.20	93.74
8.0-9.0	38.77	219.72	4.32	24.47	55.0-56.0	1.78	843.31	0.20	93.93
9.0-10.0	39.79	259.51	4.43	28.91	56.0-57.0	1.74	845.05	0.19	94.13
10.0-11.0	40.24	299.75	4.48	33.39	57.0-58.0	1.70	846.76	0.19	94.32
11.0-12.0	40.13	339.88	4.47	37.86	58.0-59.0	1.66	848.42	0.19	94.50
12.0-13.0	39.48	379.35	4.40	42.26	59.0-60.0	1.62	850.04	0.18	94.68
13.0-14.0	38.34	417.69	4.27	46.53	60.0-61.0	1.57	851.60	0.17	94.86
14.0-15.0	36.77	454.47	4.10	50.62	61.0-62.0	1.52	853.13	0.17	95.03
15.0-16.0	34.86	489.33	3.88	54.51	62.0-63.0	1.47	854.59	0.16	95.19
16.0-17.0	32.70	522.03	3.64	58.15	63.0-64.0	1.41	856.01	0.16	95.35
17.0-18.0	30.38	552.41	3.38	61.53	64.0-65.0	1.36	857.36	0.15	95.50
18.0-19.0	27.99	580.40	3.12	64.65	65.0-66.0	1.30	858.66	0.14	95.64
19.0-20.0	25.60	605.99	2.85	67.50	66.0-67.0	1.24	859.91	0.14	95.78
20.0-21.0	23.29	629.28	2.59	70.09	67.0-68.0	1.18	861.09	0.13	95.91
21.0-22.0	21.12	650.41	2.35	72.45	68.0-69.0	1.12	862.21	0.12	96.04
22.0-23.0	19.10	669.51	2.13	74.57	69.0-70.0	1.06	863.27	0.12	96.16
23.0-24.0	17.23	686.74	1.92	76.49	70.0-71.0	1.01	864.28	0.11	96.27
24.0-25.0	15.50	702.24	1.73	78.22	71.0-72.0	0.95	865.22	0.11	96.37
25.0-26.0	13.90	716.13	1.55	79.77	72.0-73.0	0.89	866.11	0.10	96.47
26.0-27.0	12.42	728.56	1.38	81.15	73.0-74.0	0.83	866.94	0.09	96.57
27.0-28.0	11.07	739.63	1.23	82.39	74.0-75.0	0.77	867.71	0.09	96.65
28.0-29.0	9.85	749.48	1.10	83.48	75.0-76.0	0.71	868.42	0.08	96.73
29.0-30.0	8.76	758.25	0.98	84.46	76.0-77.0	0.65	869.07	0.07	96.80
30.0-31.0	7.79	766.04	0.87	85.33	77.0-78.0	0.60	869.67	0.07	96.87
31.0-32.0	6.94	772.98	0.77	86.10	78.0-79.0	0.56	870.23	0.06	96.93
32.0-33.0	6.19	779.16	0.69	86.79	79.0-80.0	0.53	870.75	0.06	96.99
33.0-34.0	5.54	784.70	0.62	87.41	80.0-81.0	0.50	871.26	0.06	97.05
34.0-35.0	4.97	789.67	0.55	87.96	81.0-82.0	0.49	871.74	0.05	97.10
35.0-36.0	4.48	794.15	0.50	88.46	82.0-83.0	0.47	872.22	0.05	97.15
36.0-37.0	4.07	798.22	0.45	88.91	83.0-84.0	0.46	872.68	0.05	97.20
37.0-38.0	3.71	801.93	0.41	89.32	84.0-85.0	0.44	873.12	0.05	97.25
38.0-39.0	3.40	805.33	0.38	89.70	85.0-86.0	0.43	873.55	0.05	97.30
39.0-40.0	3.14	808.48	0.35	90.05	86.0-87.0	0.41	873.97	0.05	97.35
40.0-41.0	2.92	811.40	0.33	90.38	87.0-88.0	0.40	874.37	0.04	97.39
41.0-42.0	2.74	814.14	0.30	90.68	88.0-89.0	0.39	874.75	0.04	97.44
42.0-43.0	2.58	816.72	0.29	90.97	89.0-90.0	0.37	875.13	0.04	97.48
43.0-44.0	2.45	819.17	0.27	91.25	90.0-91.0	0.36	875.49	0.04	97.52
44.0-45.0	2.34	821.51	0.26	91.51	91.0-92.0	0.36	875.85	0.04	97.56
45.0-46.0	2.25	823.76	0.25	91.76	92.0-93.0	0.35	876.19	0.04	97.60
46.0-47.0	2.17	825.93	0.24	92.00	93.0-94.0	0.34	876.53	0.04	97.63

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	0.33	876.87	0.04	97.67	141.0-142.0	0.32	889.14	0.04	99.04
95.0-96.0	0.32	877.19	0.04	97.71	142.0-143.0	0.33	889.47	0.04	99.08
96.0-97.0	0.32	877.51	0.04	97.74	143.0-144.0	0.33	889.80	0.04	99.11
97.0-98.0	0.31	877.82	0.03	97.78	144.0-145.0	0.34	890.14	0.04	99.15
98.0-99.0	0.31	878.12	0.03	97.81	145.0-146.0	0.34	890.48	0.04	99.19
99.0-100.0	0.30	878.42	0.03	97.85	146.0-147.0	0.34	890.82	0.04	99.23
100.0-101.0	0.29	878.72	0.03	97.88	147.0-148.0	0.34	891.16	0.04	99.26
101.0-102.0	0.29	879.00	0.03	97.91	148.0-149.0	0.34	891.50	0.04	99.30
102.0-103.0	0.28	879.29	0.03	97.94	149.0-150.0	0.34	891.85	0.04	99.34
103.0-104.0	0.28	879.57	0.03	97.97	150.0-151.0	0.34	892.19	0.04	99.38
104.0-105.0	0.27	879.84	0.03	98.00	151.0-152.0	0.34	892.52	0.04	99.42
105.0-106.0	0.27	880.11	0.03	98.03	152.0-153.0	0.33	892.86	0.04	99.45
106.0-107.0	0.26	880.37	0.03	98.06	153.0-154.0	0.33	893.19	0.04	99.49
107.0-108.0	0.26	880.63	0.03	98.09	154.0-155.0	0.32	893.51	0.04	99.53
108.0-109.0	0.26	880.89	0.03	98.12	155.0-156.0	0.31	893.82	0.03	99.56
109.0-110.0	0.25	881.14	0.03	98.15	156.0-157.0	0.31	894.13	0.03	99.59
110.0-111.0	0.25	881.39	0.03	98.18	157.0-158.0	0.30	894.42	0.03	99.63
111.0-112.0	0.25	881.64	0.03	98.20	158.0-159.0	0.29	894.71	0.03	99.66
112.0-113.0	0.24	881.88	0.03	98.23	159.0-160.0	0.28	894.99	0.03	99.69
113.0-114.0	0.24	882.12	0.03	98.26	160.0-161.0	0.27	895.25	0.03	99.72
114.0-115.0	0.24	882.35	0.03	98.28	161.0-162.0	0.25	895.51	0.03	99.75
115.0-116.0	0.23	882.58	0.03	98.31	162.0-163.0	0.24	895.75	0.03	99.77
116.0-117.0	0.23	882.81	0.03	98.33	163.0-164.0	0.23	895.98	0.03	99.80
117.0-118.0	0.23	883.04	0.03	98.36	164.0-165.0	0.22	896.19	0.02	99.82
118.0-119.0	0.23	883.27	0.03	98.38	165.0-166.0	0.20	896.40	0.02	99.85
119.0-120.0	0.22	883.49	0.03	98.41	166.0-167.0	0.19	896.59	0.02	99.87
120.0-121.0	0.22	883.72	0.02	98.43	167.0-168.0	0.18	896.76	0.02	99.89
121.0-122.0	0.22	883.94	0.02	98.46	168.0-169.0	0.16	896.92	0.02	99.91
122.0-123.0	0.22	884.16	0.02	98.48	169.0-170.0	0.15	897.07	0.02	99.92
123.0-124.0	0.22	884.39	0.02	98.51	170.0-171.0	0.13	897.20	0.01	99.94
124.0-125.0	0.23	884.61	0.03	98.53	171.0-172.0	0.12	897.32	0.01	99.95
125.0-126.0	0.23	884.84	0.03	98.56	172.0-173.0	0.10	897.43	0.01	99.96
126.0-127.0	0.23	885.07	0.03	98.59	173.0-174.0	0.09	897.52	0.01	99.97
127.0-128.0	0.23	885.30	0.03	98.61	174.0-175.0	0.08	897.59	0.01	99.98
128.0-129.0	0.24	885.54	0.03	98.64	175.0-176.0	0.06	897.65	0.01	99.99
129.0-130.0	0.24	885.78	0.03	98.66	176.0-177.0	0.05	897.70	0.01	99.99
130.0-131.0	0.24	886.02	0.03	98.69	177.0-178.0	0.03	897.74	0.00	100.00
131.0-132.0	0.25	886.27	0.03	98.72	178.0-179.0	0.02	897.76	0.00	100.00
132.0-133.0	0.26	886.53	0.03	98.75	179.0-180.0	0.01	897.77	0.00	100.00
133.0-134.0	0.26	886.79	0.03	98.78					
134.0-135.0	0.27	887.06	0.03	98.81					
135.0-136.0	0.28	887.33	0.03	98.84					
136.0-137.0	0.28	887.62	0.03	98.87					
137.0-138.0	0.29	887.91	0.03	98.90					
138.0-139.0	0.30	888.21	0.03	98.93					
139.0-140.0	0.31	888.51	0.03	98.97					
140.0-141.0	0.31	888.83	0.03	99.00					

Rectangle ISO Lighting Intensity Diagram

Lum. Name:MD10-13-DW-01 2000K-3000K RA95 24D	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: 2019/11/22



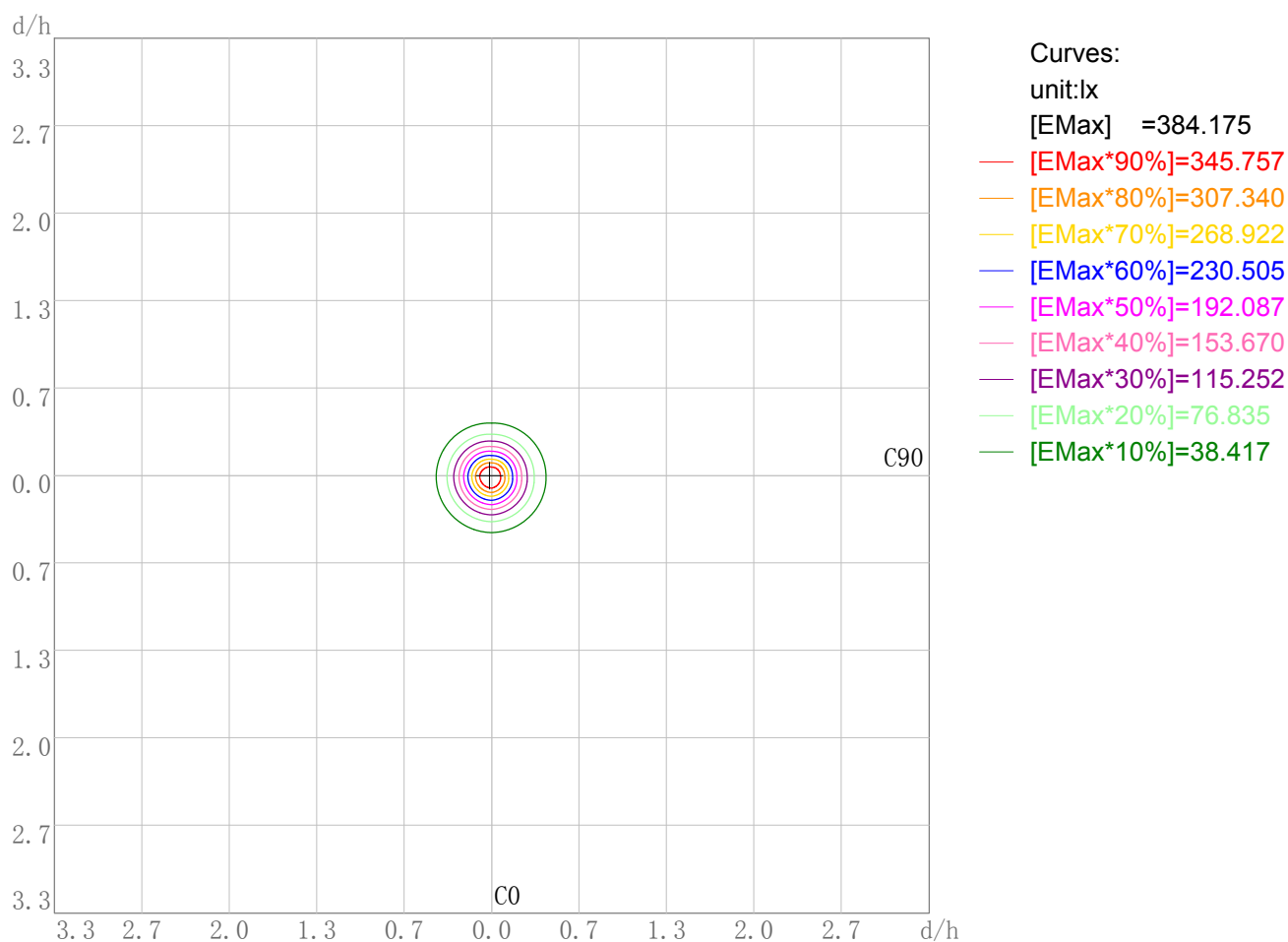
IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 24D.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 24D	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: 2019/11/22

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 384.17

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

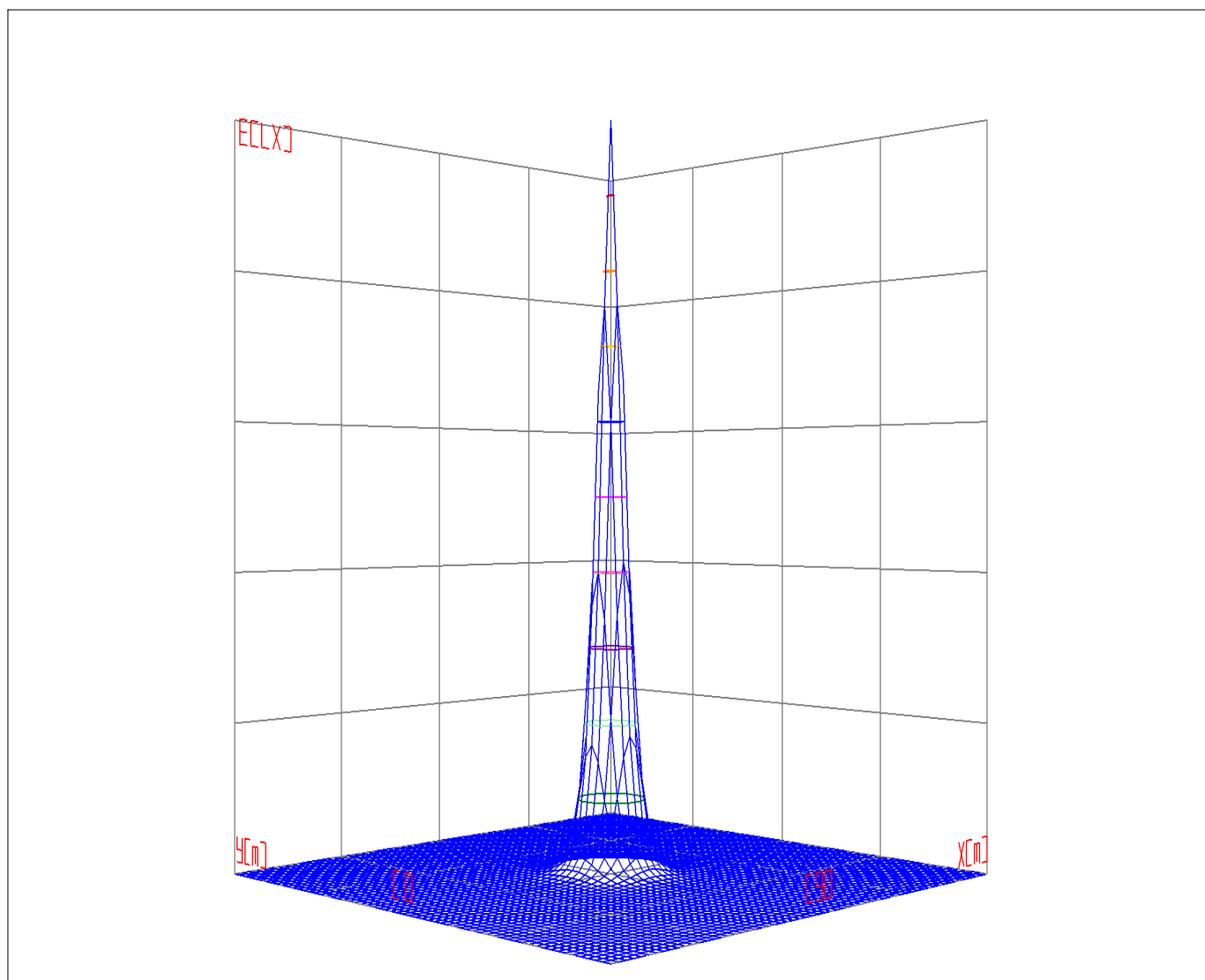
IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 24D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 24D	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: 2019/11/22

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

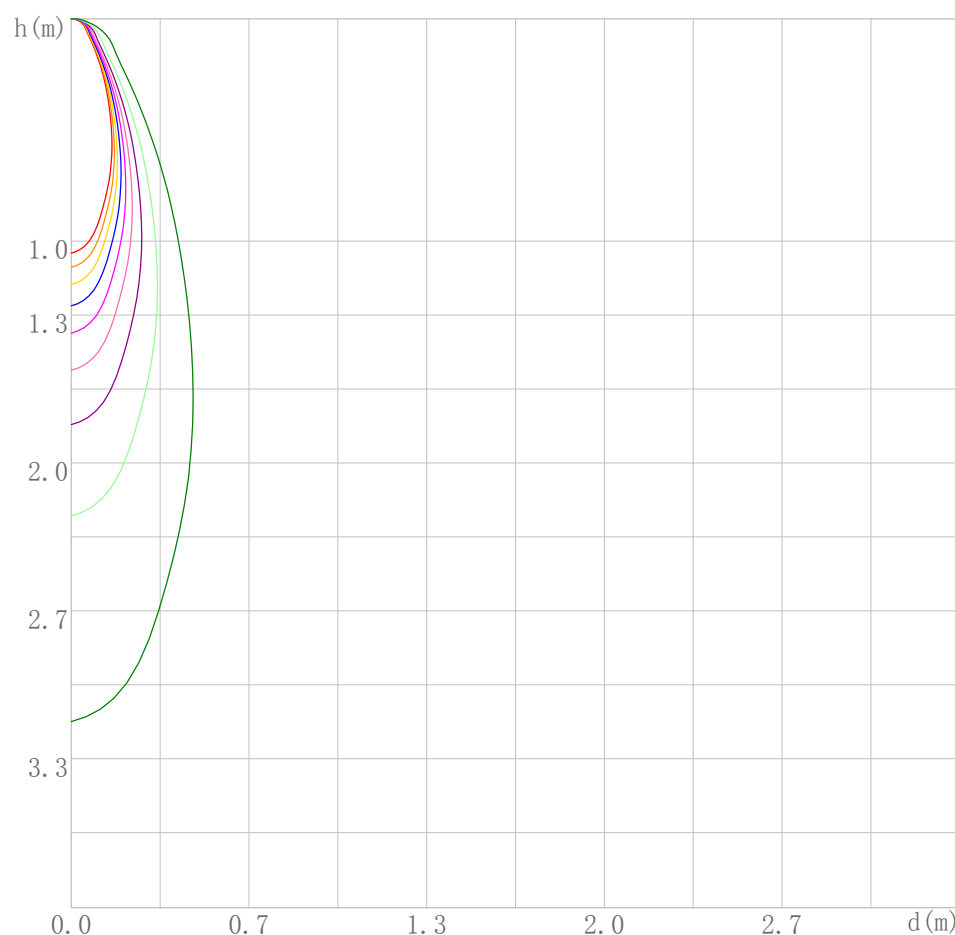
IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 24D.IES

Space ISO Illuminance Diagram

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 24D	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: 2019/11/22

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =3443.974

— [EMax*90%]=3099.577

— [EMax*80%]=2755.179

— [EMax*70%]=2410.782

— [EMax*60%]=2066.384

— [EMax*50%]=1721.987

— [EMax*40%]=1377.590

— [EMax*30%]=1033.192

— [EMax*20%]=688.795

— [EMax*10%]=344.397

Space Plane Maximum Illuminance and @Angle:3443.97lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:3443.974cd,0deg

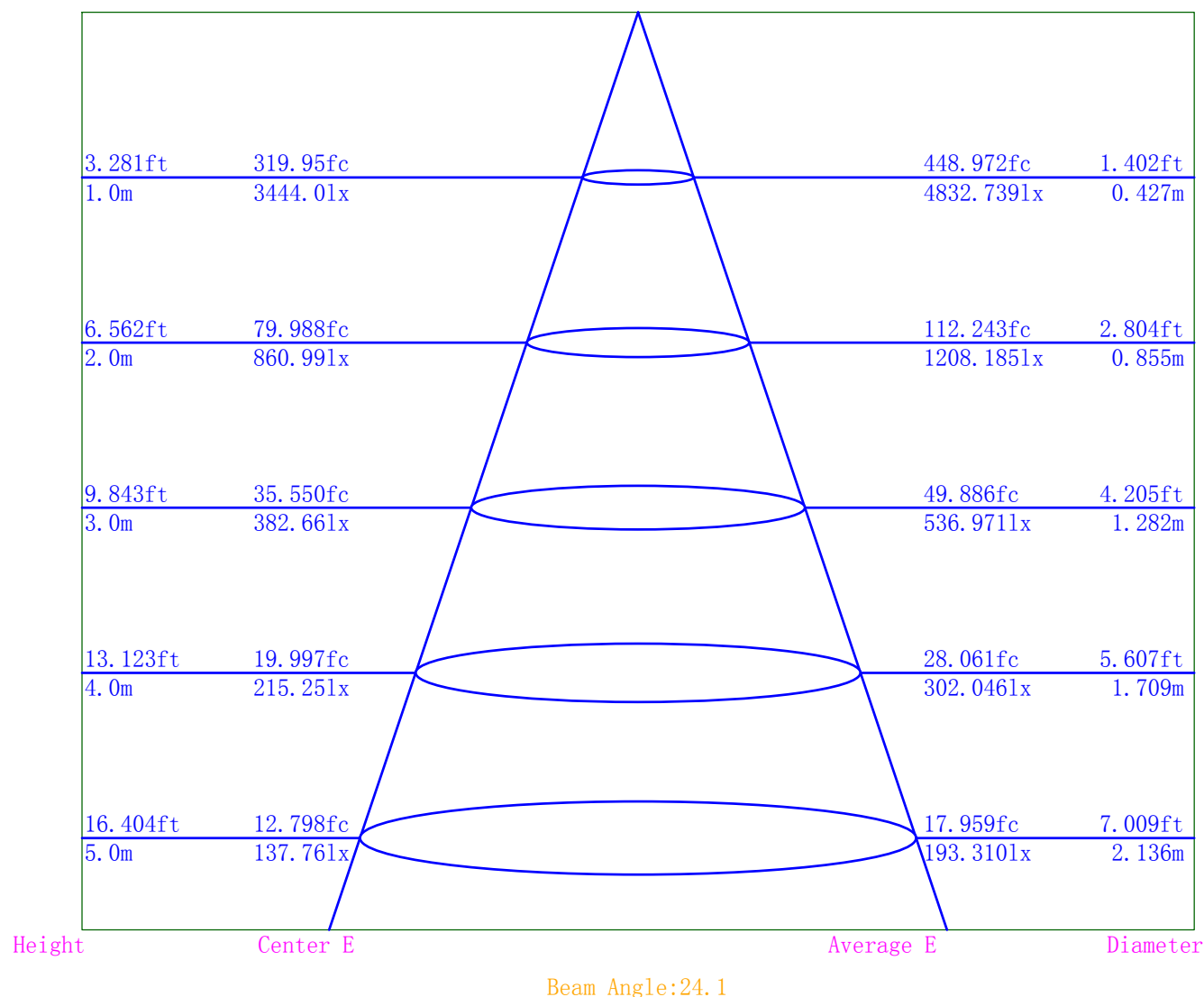
IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 24D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 24D	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: 2019/11/22

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 24D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 24D	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: 2019/11/22

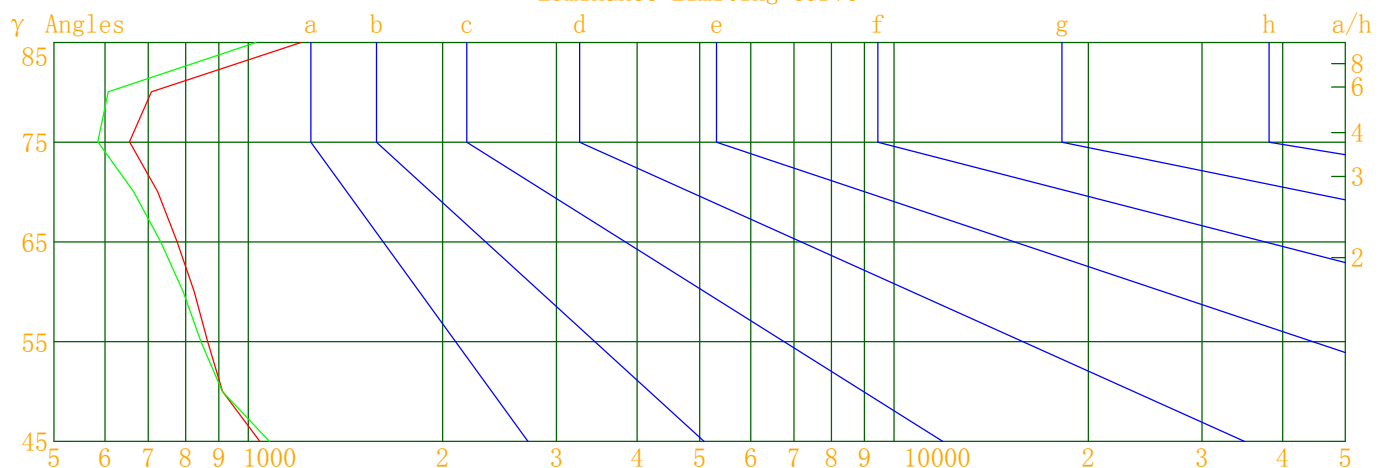
Glare Grade Table

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	1042	912	865	825	776	724	655	708	1206
C90	1078	912	844	793	731	664	585	607	1027

Luminance Limiting Curve



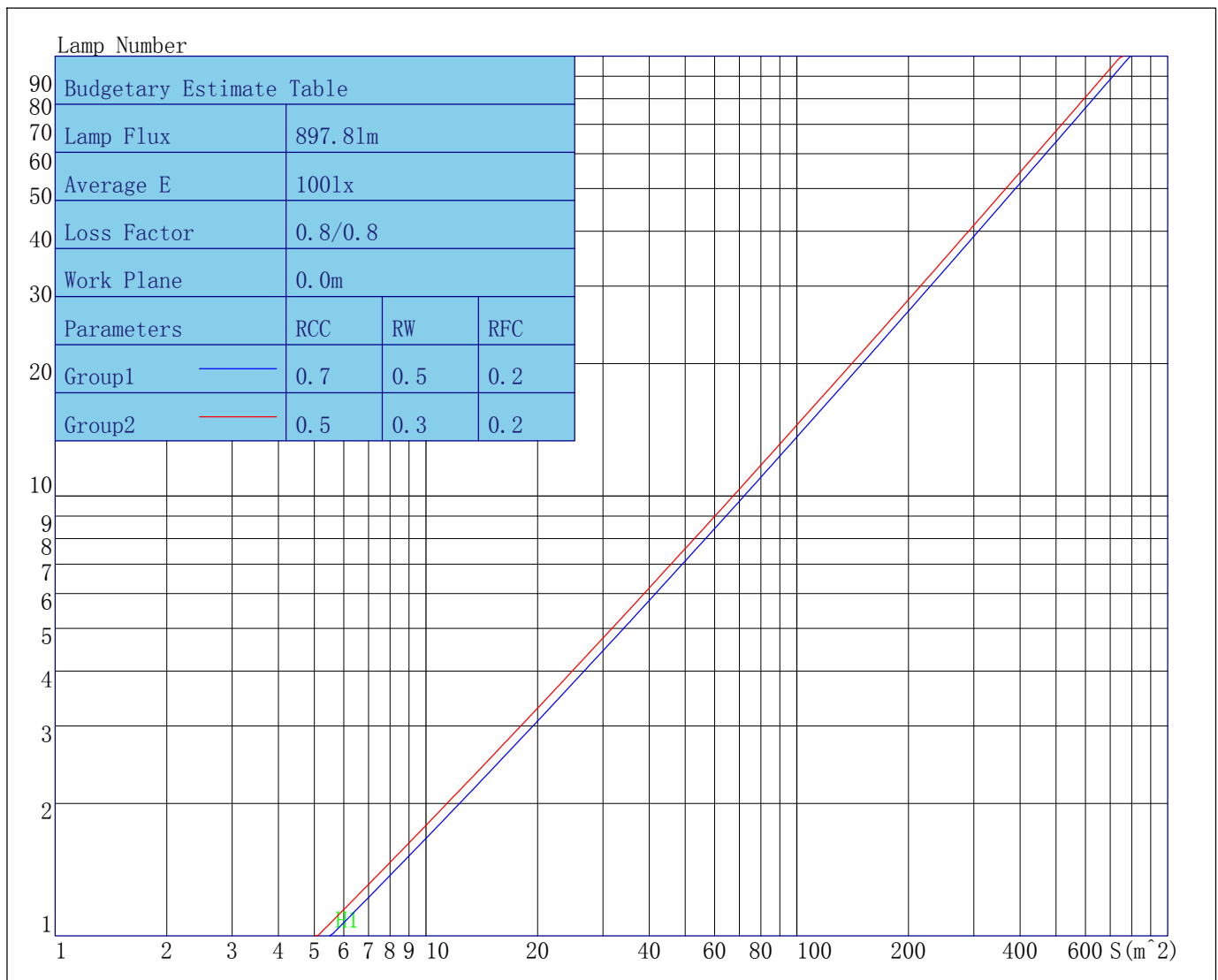
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.750 Area(m²)=0.040000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 24D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 24D	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: 2019/11/22



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:MD10-13-DW-01 2000K-3000K RA95 24D.IES

Indoor Coefficient of Utilization Table

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 24D	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: 2019/11/22

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	105	105	105	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	93	90	94	91	89	92	89	87	89	87	85	84
4	100	94	89	86	99	93	89	85	90	87	84	88	85	83	86	84	82	80
5	97	90	85	81	95	89	84	81	87	83	80	85	82	79	83	81	78	77
6	93	86	81	78	92	85	81	77	84	80	77	82	79	76	81	78	75	74
7	90	83	78	74	89	82	77	74	81	77	74	79	76	73	78	75	73	71
8	87	80	75	72	86	79	75	71	78	74	71	77	73	71	76	72	70	69
9	85	77	72	69	84	76	72	69	75	71	68	74	71	68	73	70	68	67
10	82	74	70	67	81	74	69	67	73	69	66	72	69	66	71	68	66	65

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	3443.97	3443.97	3443.97	3443.97
γ 1.0	3399.56	3405.49	3457.15	3459.15
γ 2.0	3331.20	3336.99	3441.23	3445.86
γ 3.0	3230.13	3234.36	3397.77	3396.40
γ 4.0	3096.69	3095.50	3321.95	3316.63
γ 5.0	2923.45	2925.20	3212.38	3194.37
γ 6.0	2719.44	2730.88	3068.78	3036.84
γ 7.0	2501.61	2531.59	2890.34	2849.13
γ 8.0	2289.60	2335.83	2693.43	2643.86
γ 9.0	2093.12	2145.05	2494.07	2439.84
γ 10.0	1910.88	1959.46	2301.22	2243.42
γ 11.0	1737.25	1785.33	2115.73	2054.18
γ 12.0	1570.04	1617.63	1933.42	1870.05
γ 13.0	1407.08	1457.31	1759.35	1691.33
γ 14.0	1254.74	1302.80	1588.81	1519.22
γ 15.0	1111.19	1160.66	1423.02	1354.49
γ 16.0	976.65	1025.89	1267.10	1198.05
γ 17.0	853.45	902.15	1121.63	1054.34
γ 18.0	743.81	790.78	984.05	920.90
γ 19.0	646.37	691.39	858.18	798.68
γ 20.0	561.34	605.11	743.78	688.88
γ 21.0	487.45	529.37	642.14	593.76
γ 22.0	423.21	463.64	553.25	511.38
γ 23.0	367.46	404.82	475.94	441.34
γ 24.0	318.94	353.58	409.73	380.32
γ 25.0	276.40	308.11	352.25	327.39
γ 26.0	239.33	268.36	301.44	281.79
γ 27.0	207.41	232.86	257.13	242.67
γ 28.0	179.61	201.79	219.18	208.96
γ 29.0	155.75	174.63	186.84	179.65
γ 30.0	135.46	151.54	159.87	154.45
γ 31.0	118.36	131.36	136.65	132.74
γ 32.0	103.67	114.34	116.84	114.51
γ 33.0	91.35	99.93	100.16	99.23
γ 34.0	80.72	87.81	86.10	86.33
γ 35.0	71.77	77.36	74.40	75.71
γ 36.0	64.08	68.57	64.67	66.85
γ 37.0	57.36	61.14	56.74	59.43
γ 38.0	51.71	54.88	50.19	53.15
γ 39.0	46.85	49.45	44.78	47.87
γ 40.0	42.65	44.95	40.32	43.56
γ 41.0	39.08	41.08	36.73	39.91
γ 42.0	36.07	37.81	33.81	36.87
γ 43.0	33.47	35.00	31.42	34.34
γ 44.0	31.31	32.59	29.50	32.13
γ 45.0	29.47	30.49	27.96	30.26
γ 46.0	27.85	28.68	26.64	28.63

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	26.53	27.07	25.58	27.20
γ 48.0	25.37	25.73	24.69	25.99
γ 49.0	24.34	24.51	23.98	24.96
γ 50.0	23.45	23.44	23.35	24.04
γ 51.0	22.64	22.50	22.74	23.20
γ 52.0	21.88	21.63	22.20	22.43
γ 53.0	21.17	20.81	21.66	21.76
γ 54.0	20.47	20.08	21.10	21.09
γ 55.0	19.84	19.37	20.50	20.45
γ 56.0	19.17	18.67	19.92	19.82
γ 57.0	18.51	17.95	19.35	19.22
γ 58.0	17.84	17.26	18.72	18.61
γ 59.0	17.16	16.55	18.07	17.99
γ 60.0	16.49	15.85	17.40	17.33
γ 61.0	15.83	15.17	16.75	16.75
γ 62.0	15.13	14.45	16.06	16.11
γ 63.0	14.42	13.74	15.34	15.48
γ 64.0	13.76	13.06	14.60	14.84
γ 65.0	13.11	12.36	13.86	14.13
γ 66.0	12.44	11.68	13.13	13.47
γ 67.0	11.77	10.97	12.42	12.83
γ 68.0	11.14	10.33	11.69	12.15
γ 69.0	10.52	9.70	10.98	11.46
γ 70.0	9.90	9.09	10.31	10.84
γ 71.0	9.28	8.49	9.67	10.23
γ 72.0	8.66	7.87	9.05	9.66
γ 73.0	8.04	7.26	8.42	9.06
γ 74.0	7.41	6.65	7.82	8.43
γ 75.0	6.78	6.05	7.19	7.85
γ 76.0	6.20	5.47	6.61	7.26
γ 77.0	5.66	4.91	6.06	6.68
γ 78.0	5.26	4.51	5.51	6.13
γ 79.0	5.07	4.35	4.99	5.61
γ 80.0	4.92	4.21	4.59	5.25
γ 81.0	4.77	4.08	4.41	5.06
γ 82.0	4.62	3.95	4.26	4.89
γ 83.0	4.47	3.82	4.12	4.73
γ 84.0	4.33	3.69	3.97	4.57
γ 85.0	4.21	3.58	3.84	4.41
γ 86.0	4.03	3.43	3.71	4.27
γ 87.0	3.87	3.27	3.58	4.13
γ 88.0	3.74	3.17	3.43	3.95
γ 89.0	3.65	3.11	3.28	3.80
γ 90.0	3.58	3.04	3.16	3.68
γ 91.0	3.51	2.98	3.08	3.59
γ 92.0	3.43	2.91	3.00	3.49
γ 93.0	3.36	2.87	2.92	3.41

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	3.30	2.82	2.85	3.31
γ 95.0	3.24	2.77	2.79	3.23
γ 96.0	3.17	2.71	2.73	3.16
γ 97.0	3.14	2.67	2.66	3.09
γ 98.0	3.08	2.63	2.62	3.03
γ 99.0	3.03	2.59	2.56	2.97
γ 100.0	2.98	2.55	2.51	2.91
γ 101.0	2.94	2.53	2.47	2.86
γ 102.0	2.89	2.49	2.45	2.81
γ 103.0	2.86	2.46	2.41	2.77
γ 104.0	2.82	2.43	2.38	2.73
γ 105.0	2.78	2.40	2.35	2.70
γ 106.0	2.74	2.38	2.33	2.66
γ 107.0	2.71	2.35	2.32	2.64
γ 108.0	2.68	2.32	2.30	2.62
γ 109.0	2.64	2.30	2.29	2.59
γ 110.0	2.61	2.26	2.28	2.57
γ 111.0	2.57	2.24	2.27	2.56
γ 112.0	2.54	2.22	2.26	2.55
γ 113.0	2.51	2.20	2.27	2.54
γ 114.0	2.48	2.18	2.27	2.53
γ 115.0	2.45	2.17	2.26	2.52
γ 116.0	2.44	2.14	2.28	2.52
γ 117.0	2.42	2.14	2.29	2.53
γ 118.0	2.40	2.13	2.30	2.53
γ 119.0	2.39	2.14	2.32	2.55
γ 120.0	2.40	2.14	2.34	2.56
γ 121.0	2.40	2.15	2.36	2.59
γ 122.0	2.42	2.17	2.40	2.61
γ 123.0	2.44	2.20	2.43	2.64
γ 124.0	2.48	2.24	2.47	2.68
γ 125.0	2.52	2.28	2.53	2.73
γ 126.0	2.57	2.34	2.59	2.77
γ 127.0	2.64	2.40	2.66	2.84
γ 128.0	2.70	2.47	2.73	2.92
γ 129.0	2.79	2.56	2.81	2.99
γ 130.0	2.89	2.66	2.91	3.08
γ 131.0	2.99	2.77	3.00	3.18
γ 132.0	3.11	2.90	3.13	3.29
γ 133.0	3.24	3.03	3.24	3.40
γ 134.0	3.38	3.17	3.37	3.54
γ 135.0	3.53	3.31	3.53	3.69
γ 136.0	3.69	3.48	3.68	3.83
γ 137.0	3.87	3.65	3.84	3.98
γ 138.0	4.05	3.83	4.02	4.15
γ 139.0	4.23	4.02	4.20	4.34
γ 140.0	4.42	4.21	4.39	4.52

IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 24D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	4.62	4.40	4.59	4.72
γ 142.0	4.82	4.59	4.79	4.91
γ 143.0	5.02	4.80	4.99	5.10
γ 144.0	5.21	5.00	5.18	5.29
γ 145.0	5.40	5.18	5.38	5.48
γ 146.0	5.59	5.36	5.59	5.68
γ 147.0	5.77	5.56	5.77	5.86
γ 148.0	5.96	5.72	5.96	6.03
γ 149.0	6.12	5.89	6.13	6.19
γ 150.0	6.26	6.03	6.29	6.34
γ 151.0	6.40	6.17	6.44	6.48
γ 152.0	6.55	6.30	6.59	6.62
γ 153.0	6.68	6.42	6.72	6.74
γ 154.0	6.78	6.53	6.86	6.85
γ 155.0	6.89	6.63	6.96	6.95
γ 156.0	6.98	6.72	7.06	7.04
γ 157.0	7.07	6.81	7.17	7.12
γ 158.0	7.15	6.88	7.25	7.19
γ 159.0	7.21	6.94	7.32	7.24
γ 160.0	7.25	7.01	7.38	7.29
γ 161.0	7.32	7.05	7.43	7.33
γ 162.0	7.34	7.10	7.47	7.36
γ 163.0	7.37	7.14	7.49	7.38
γ 164.0	7.38	7.16	7.54	7.38
γ 165.0	7.39	7.19	7.55	7.39
γ 166.0	7.39	7.21	7.56	7.38
γ 167.0	7.40	7.21	7.56	7.38
γ 168.0	7.38	7.21	7.55	7.35
γ 169.0	7.36	7.21	7.54	7.34
γ 170.0	7.35	7.21	7.52	7.31
γ 171.0	7.34	7.20	7.49	7.28
γ 172.0	7.33	7.19	7.47	7.25
γ 173.0	7.32	7.18	7.45	7.23
γ 174.0	7.33	7.17	7.43	7.20
γ 175.0	7.32	7.18	7.40	7.18
γ 176.0	7.31	7.19	7.39	7.19
γ 177.0	7.32	7.19	7.36	7.19
γ 178.0	7.33	7.18	7.37	7.19
γ 179.0	7.34	7.17	7.34	7.21
γ 180.0	7.29	7.29	7.29	7.29