

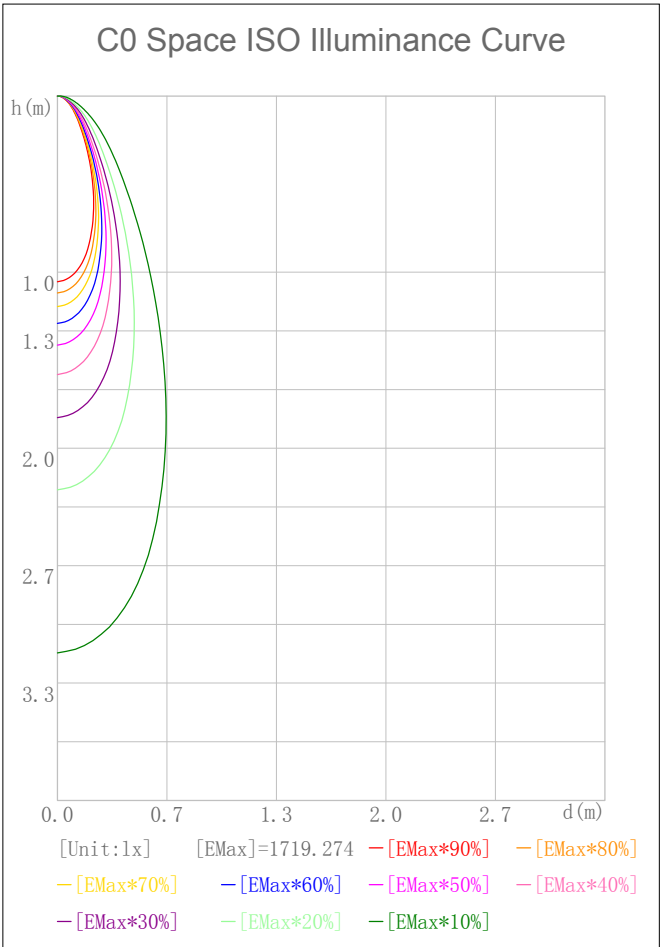
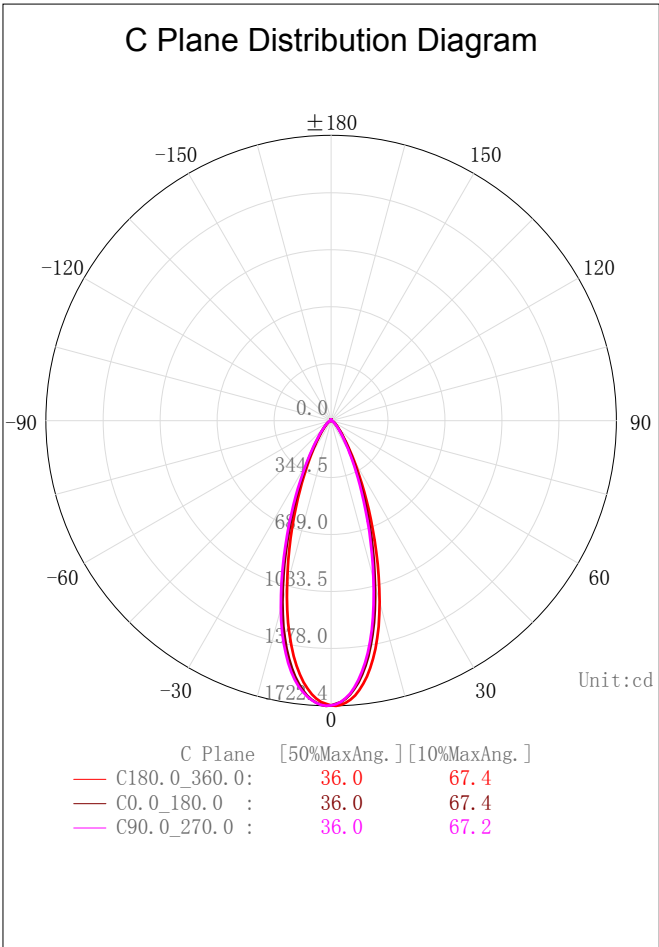
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-DW-01 2000K-3000K RA95 36D	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): 866.950	Luminary Flux(lm): 866.946	Field Angle(10%Imax): 67.4(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 844.125lm 97.37%
Rated Voltage(V):	Luminary EER(lm/W): 71.767	Up Lumens&Percent: 22.822lm 2.63%
Tested Power(W): 12.080	Max. Candela(cd): 1722.443	S/MH: C0_a180=0.589 C90_270=0.589
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.2, 0.053, 0.947	Beam Angle(50%Imax): 36.0(°)	ErP Φ use(90°): 769.080lm
Lamp Size(W*L*H):0.050m*0.050m*0.750m	Left=-17.3°, Right=18.7°	IRF(%): 459.679



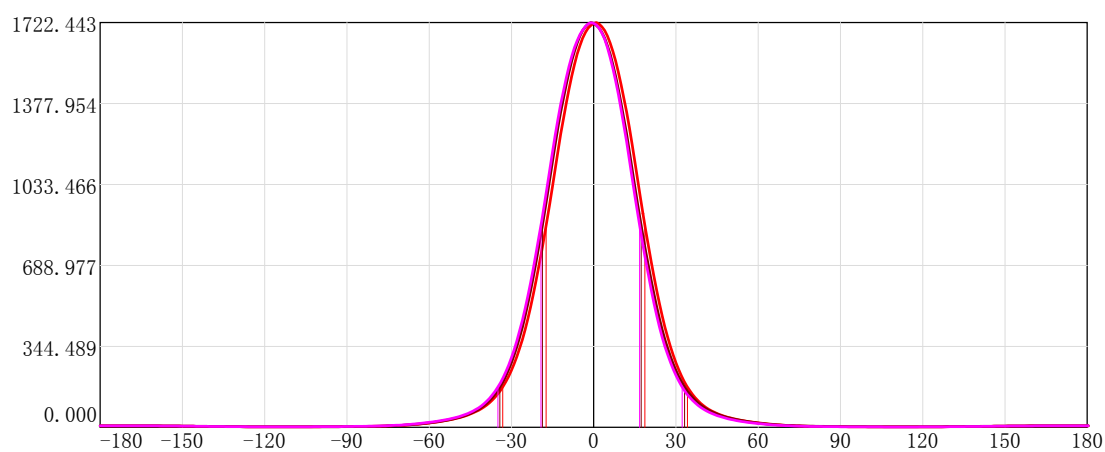
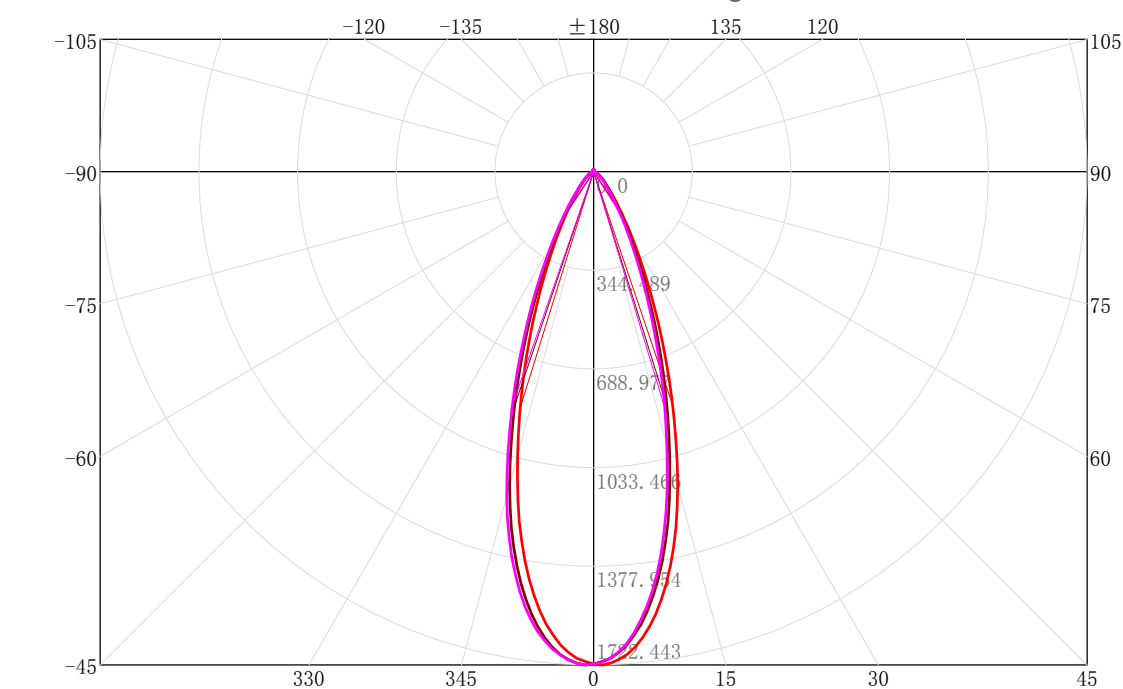
IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 36D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 36D	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

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
C180.0_360.0 :	36.0	67.4
C0.0_180.0 :	36.0	67.4
C90.0_270.0 :	36.0	67.2

Unit:cd

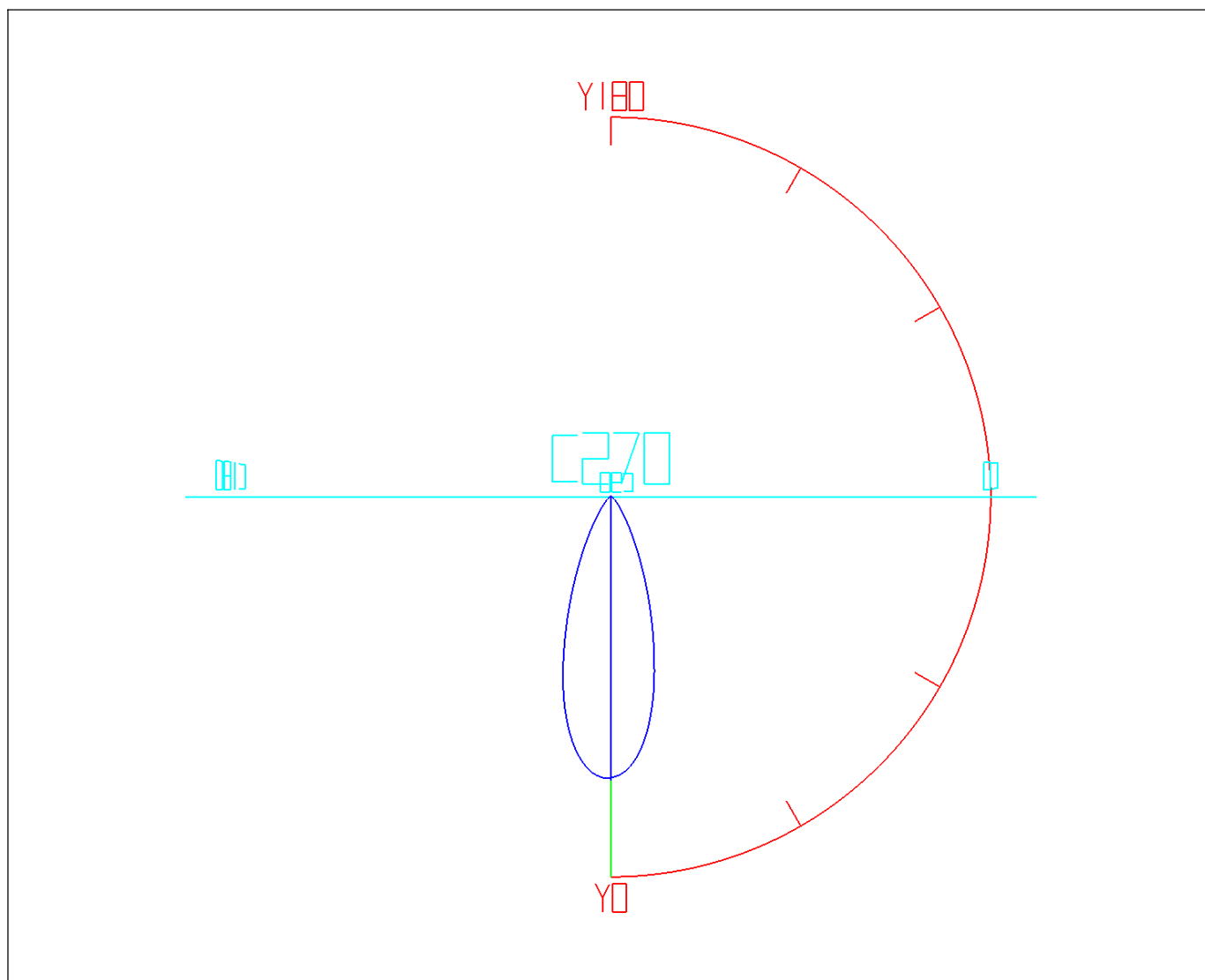
IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 36D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 36D	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

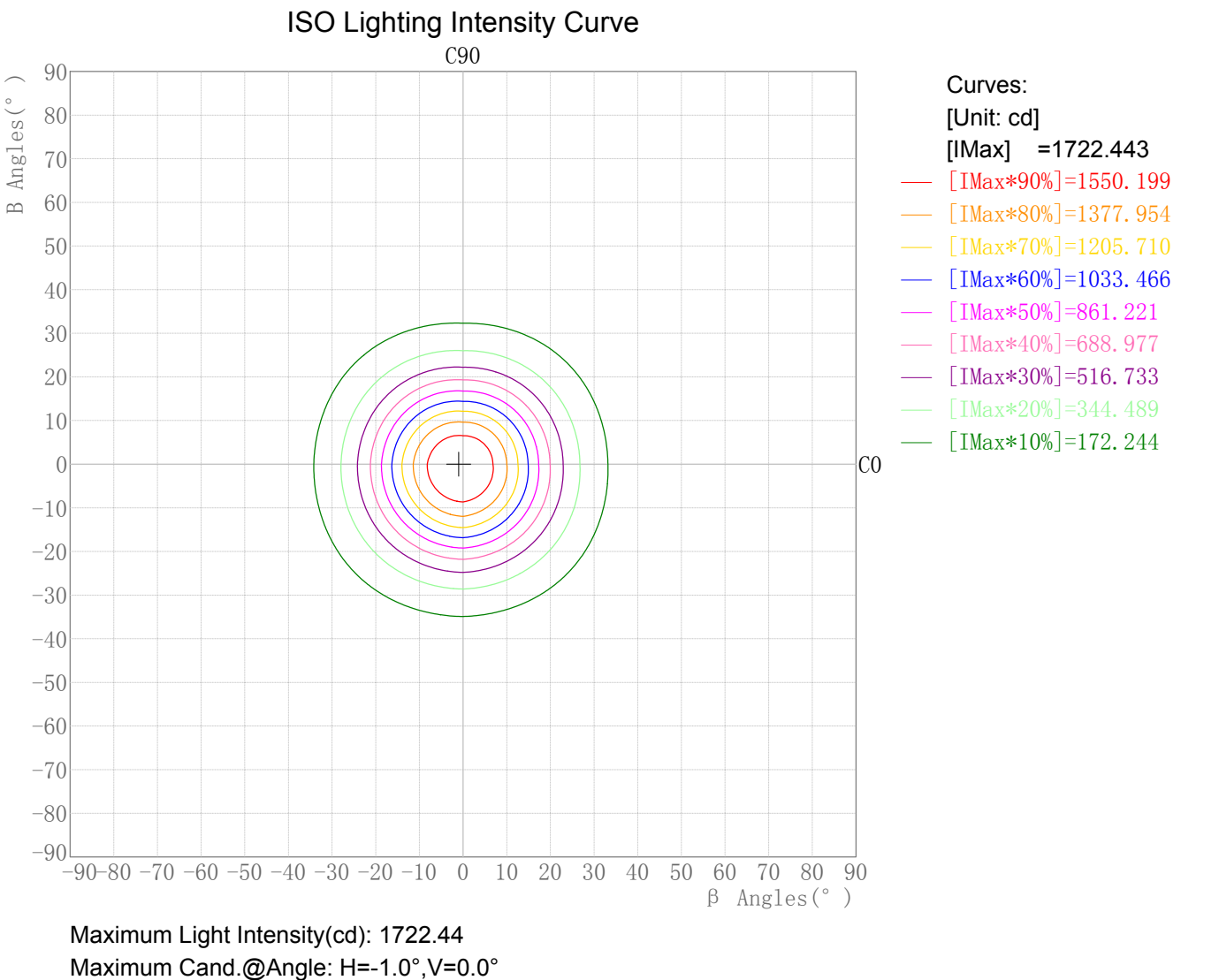
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.64	1.64	0.19	0.19	47.0-48.0	3.82	787.39	0.44	90.82
1.0-2.0	4.92	6.56	0.57	0.76	48.0-49.0	3.59	790.99	0.41	91.24
2.0-3.0	8.13	14.69	0.94	1.69	49.0-50.0	3.39	794.37	0.39	91.63
3.0-4.0	11.26	25.95	1.30	2.99	50.0-51.0	3.19	797.56	0.37	92.00
4.0-5.0	14.26	40.21	1.65	4.64	51.0-52.0	3.01	800.57	0.35	92.34
5.0-6.0	17.10	57.32	1.97	6.61	52.0-53.0	2.83	803.40	0.33	92.67
6.0-7.0	19.75	77.07	2.28	8.89	53.0-54.0	2.67	806.08	0.31	92.98
7.0-8.0	22.17	99.25	2.56	11.45	54.0-55.0	2.52	808.60	0.29	93.27
8.0-9.0	24.34	123.59	2.81	14.26	55.0-56.0	2.38	810.98	0.27	93.54
9.0-10.0	26.21	149.80	3.02	17.28	56.0-57.0	2.24	813.22	0.26	93.80
10.0-11.0	27.77	177.57	3.20	20.48	57.0-58.0	2.11	815.34	0.24	94.05
11.0-12.0	29.02	206.58	3.35	23.83	58.0-59.0	1.99	817.33	0.23	94.28
12.0-13.0	29.91	236.49	3.45	27.28	59.0-60.0	1.87	819.20	0.22	94.49
13.0-14.0	30.45	266.94	3.51	30.79	60.0-61.0	1.76	820.96	0.20	94.70
14.0-15.0	30.65	297.59	3.54	34.33	61.0-62.0	1.65	822.61	0.19	94.89
15.0-16.0	30.54	328.13	3.52	37.85	62.0-63.0	1.55	824.16	0.18	95.06
16.0-17.0	30.18	358.31	3.48	41.33	63.0-64.0	1.44	825.60	0.17	95.23
17.0-18.0	29.59	387.90	3.41	44.74	64.0-65.0	1.35	826.95	0.16	95.39
18.0-19.0	28.79	416.69	3.32	48.06	65.0-66.0	1.26	828.21	0.15	95.53
19.0-20.0	27.82	444.51	3.21	51.27	66.0-67.0	1.18	829.39	0.14	95.67
20.0-21.0	26.69	471.19	3.08	54.35	67.0-68.0	1.10	830.49	0.13	95.79
21.0-22.0	25.44	496.64	2.93	57.29	68.0-69.0	1.03	831.53	0.12	95.91
22.0-23.0	24.11	520.75	2.78	60.07	69.0-70.0	0.97	832.50	0.11	96.03
23.0-24.0	22.74	543.49	2.62	62.69	70.0-71.0	0.91	833.41	0.11	96.13
24.0-25.0	21.36	564.85	2.46	65.15	71.0-72.0	0.86	834.27	0.10	96.23
25.0-26.0	19.96	584.81	2.30	67.46	72.0-73.0	0.81	835.08	0.09	96.32
26.0-27.0	18.59	603.40	2.14	69.60	73.0-74.0	0.76	835.84	0.09	96.41
27.0-28.0	17.26	620.65	1.99	71.59	74.0-75.0	0.71	836.55	0.08	96.49
28.0-29.0	15.99	636.64	1.84	73.43	75.0-76.0	0.67	837.22	0.08	96.57
29.0-30.0	14.79	651.43	1.71	75.14	76.0-77.0	0.63	837.85	0.07	96.64
30.0-31.0	13.65	665.08	1.58	76.71	77.0-78.0	0.60	838.45	0.07	96.71
31.0-32.0	12.59	677.67	1.45	78.17	78.0-79.0	0.57	839.02	0.07	96.78
32.0-33.0	11.59	689.26	1.34	79.50	79.0-80.0	0.55	839.56	0.06	96.84
33.0-34.0	10.66	699.93	1.23	80.73	80.0-81.0	0.53	840.09	0.06	96.90
34.0-35.0	9.81	709.74	1.13	81.87	81.0-82.0	0.51	840.60	0.06	96.96
35.0-36.0	9.03	718.77	1.04	82.91	82.0-83.0	0.49	841.10	0.06	97.02
36.0-37.0	8.33	727.10	0.96	83.87	83.0-84.0	0.48	841.58	0.06	97.07
37.0-38.0	7.69	734.79	0.89	84.76	84.0-85.0	0.46	842.04	0.05	97.13
38.0-39.0	7.11	741.90	0.82	85.58	85.0-86.0	0.45	842.49	0.05	97.18
39.0-40.0	6.59	748.49	0.76	86.34	86.0-87.0	0.43	842.92	0.05	97.23
40.0-41.0	6.11	754.60	0.71	87.04	87.0-88.0	0.42	843.34	0.05	97.28
41.0-42.0	5.68	760.29	0.66	87.70	88.0-89.0	0.40	843.74	0.05	97.32
42.0-43.0	5.30	765.59	0.61	88.31	89.0-90.0	0.39	844.12	0.04	97.37
43.0-44.0	4.95	770.54	0.57	88.88	90.0-91.0	0.38	844.50	0.04	97.41
44.0-45.0	4.63	775.17	0.53	89.41	91.0-92.0	0.37	844.87	0.04	97.45
45.0-46.0	4.34	779.51	0.50	89.91	92.0-93.0	0.36	845.23	0.04	97.49
46.0-47.0	4.07	783.57	0.47	90.38	93.0-94.0	0.35	845.58	0.04	97.54

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	0.35	845.93	0.04	97.58	141.0-142.0	0.31	859.02	0.04	99.08
95.0-96.0	0.34	846.27	0.04	97.61	142.0-143.0	0.31	859.33	0.04	99.12
96.0-97.0	0.33	846.60	0.04	97.65	143.0-144.0	0.31	859.64	0.04	99.16
97.0-98.0	0.32	846.92	0.04	97.69	144.0-145.0	0.32	859.96	0.04	99.19
98.0-99.0	0.32	847.24	0.04	97.73	145.0-146.0	0.32	860.28	0.04	99.23
99.0-100.0	0.31	847.55	0.04	97.76	146.0-147.0	0.32	860.59	0.04	99.27
100.0-101.0	0.31	847.86	0.04	97.80	147.0-148.0	0.32	860.91	0.04	99.30
101.0-102.0	0.30	848.16	0.03	97.83	148.0-149.0	0.31	861.22	0.04	99.34
102.0-103.0	0.30	848.46	0.03	97.87	149.0-150.0	0.31	861.53	0.04	99.38
103.0-104.0	0.29	848.75	0.03	97.90	150.0-151.0	0.31	861.84	0.04	99.41
104.0-105.0	0.29	849.04	0.03	97.93	151.0-152.0	0.31	862.15	0.04	99.45
105.0-106.0	0.28	849.32	0.03	97.97	152.0-153.0	0.30	862.45	0.03	99.48
106.0-107.0	0.28	849.60	0.03	98.00	153.0-154.0	0.30	862.74	0.03	99.51
107.0-108.0	0.27	849.87	0.03	98.03	154.0-155.0	0.29	863.03	0.03	99.55
108.0-109.0	0.27	850.14	0.03	98.06	155.0-156.0	0.28	863.32	0.03	99.58
109.0-110.0	0.27	850.41	0.03	98.09	156.0-157.0	0.28	863.59	0.03	99.61
110.0-111.0	0.26	850.67	0.03	98.12	157.0-158.0	0.27	863.86	0.03	99.64
111.0-112.0	0.26	850.93	0.03	98.15	158.0-159.0	0.26	864.12	0.03	99.67
112.0-113.0	0.26	851.19	0.03	98.18	159.0-160.0	0.25	864.37	0.03	99.70
113.0-114.0	0.26	851.44	0.03	98.21	160.0-161.0	0.24	864.61	0.03	99.73
114.0-115.0	0.25	851.70	0.03	98.24	161.0-162.0	0.23	864.84	0.03	99.76
115.0-116.0	0.25	851.95	0.03	98.27	162.0-163.0	0.22	865.06	0.03	99.78
116.0-117.0	0.25	852.20	0.03	98.30	163.0-164.0	0.21	865.27	0.02	99.81
117.0-118.0	0.25	852.45	0.03	98.33	164.0-165.0	0.20	865.47	0.02	99.83
118.0-119.0	0.25	852.70	0.03	98.36	165.0-166.0	0.19	865.66	0.02	99.85
119.0-120.0	0.25	852.95	0.03	98.39	166.0-167.0	0.17	865.83	0.02	99.87
120.0-121.0	0.25	853.20	0.03	98.41	167.0-168.0	0.16	865.99	0.02	99.89
121.0-122.0	0.25	853.45	0.03	98.44	168.0-169.0	0.15	866.14	0.02	99.91
122.0-123.0	0.25	853.70	0.03	98.47	169.0-170.0	0.14	866.28	0.02	99.92
123.0-124.0	0.25	853.95	0.03	98.50	170.0-171.0	0.12	866.41	0.01	99.94
124.0-125.0	0.25	854.21	0.03	98.53	171.0-172.0	0.11	866.52	0.01	99.95
125.0-126.0	0.26	854.46	0.03	98.56	172.0-173.0	0.10	866.62	0.01	99.96
126.0-127.0	0.26	854.72	0.03	98.59	173.0-174.0	0.09	866.71	0.01	99.97
127.0-128.0	0.26	854.98	0.03	98.62	174.0-175.0	0.07	866.78	0.01	99.98
128.0-129.0	0.26	855.25	0.03	98.65	175.0-176.0	0.06	866.84	0.01	99.99
129.0-130.0	0.27	855.51	0.03	98.68	176.0-177.0	0.05	866.89	0.01	99.99
130.0-131.0	0.27	855.78	0.03	98.71	177.0-178.0	0.03	866.92	0.00	100.00
131.0-132.0	0.27	856.06	0.03	98.74	178.0-179.0	0.02	866.94	0.00	100.00
132.0-133.0	0.28	856.34	0.03	98.78	179.0-180.0	0.01	866.95	0.00	100.00
133.0-134.0	0.28	856.62	0.03	98.81					
134.0-135.0	0.29	856.91	0.03	98.84					
135.0-136.0	0.29	857.20	0.03	98.87					
136.0-137.0	0.29	857.49	0.03	98.91					
137.0-138.0	0.30	857.79	0.03	98.94					
138.0-139.0	0.30	858.09	0.03	98.98					
139.0-140.0	0.31	858.40	0.04	99.01					
140.0-141.0	0.31	858.71	0.04	99.05					

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 36D	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



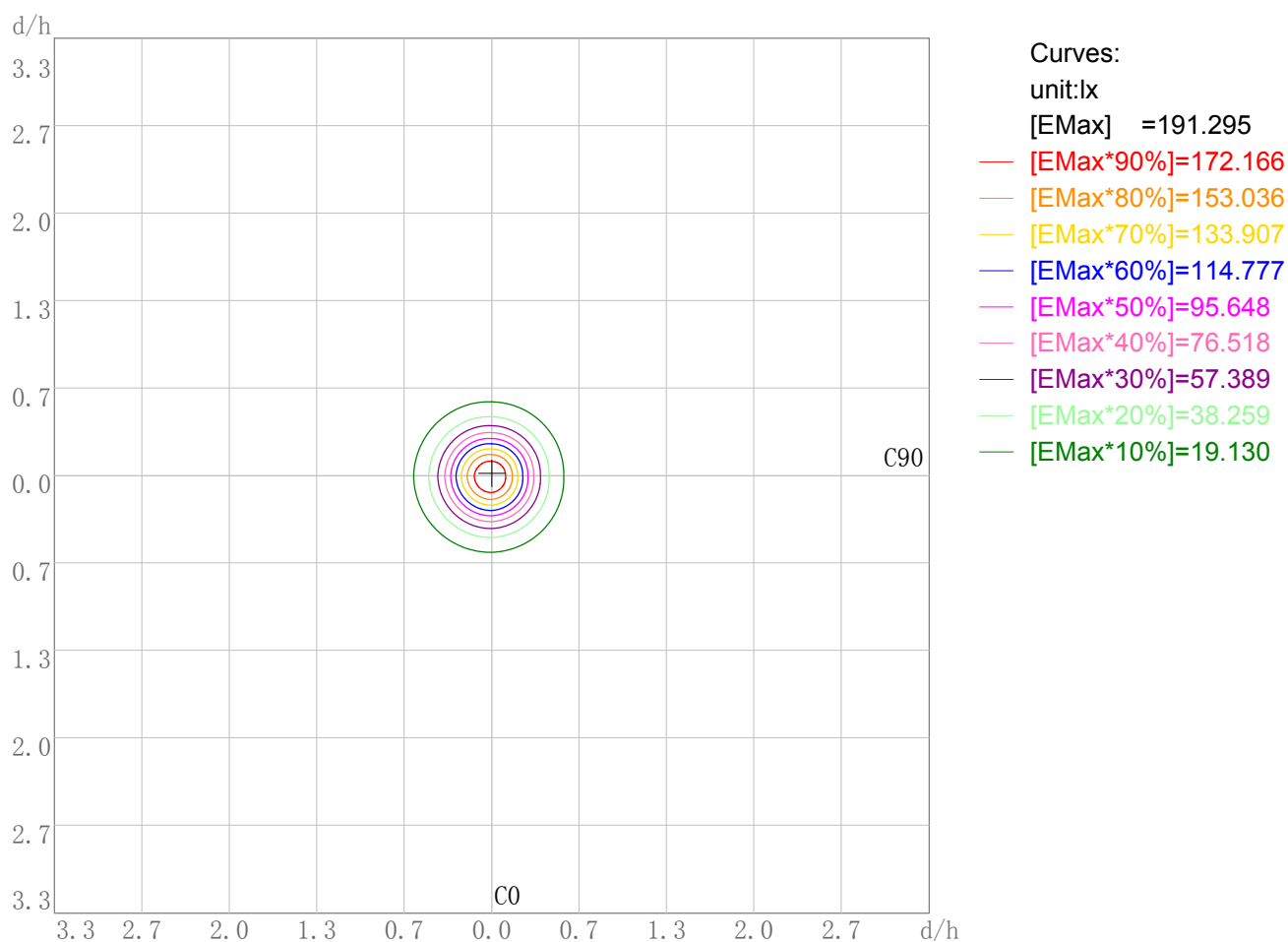
IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 36D.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 36D	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): 191.30

Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

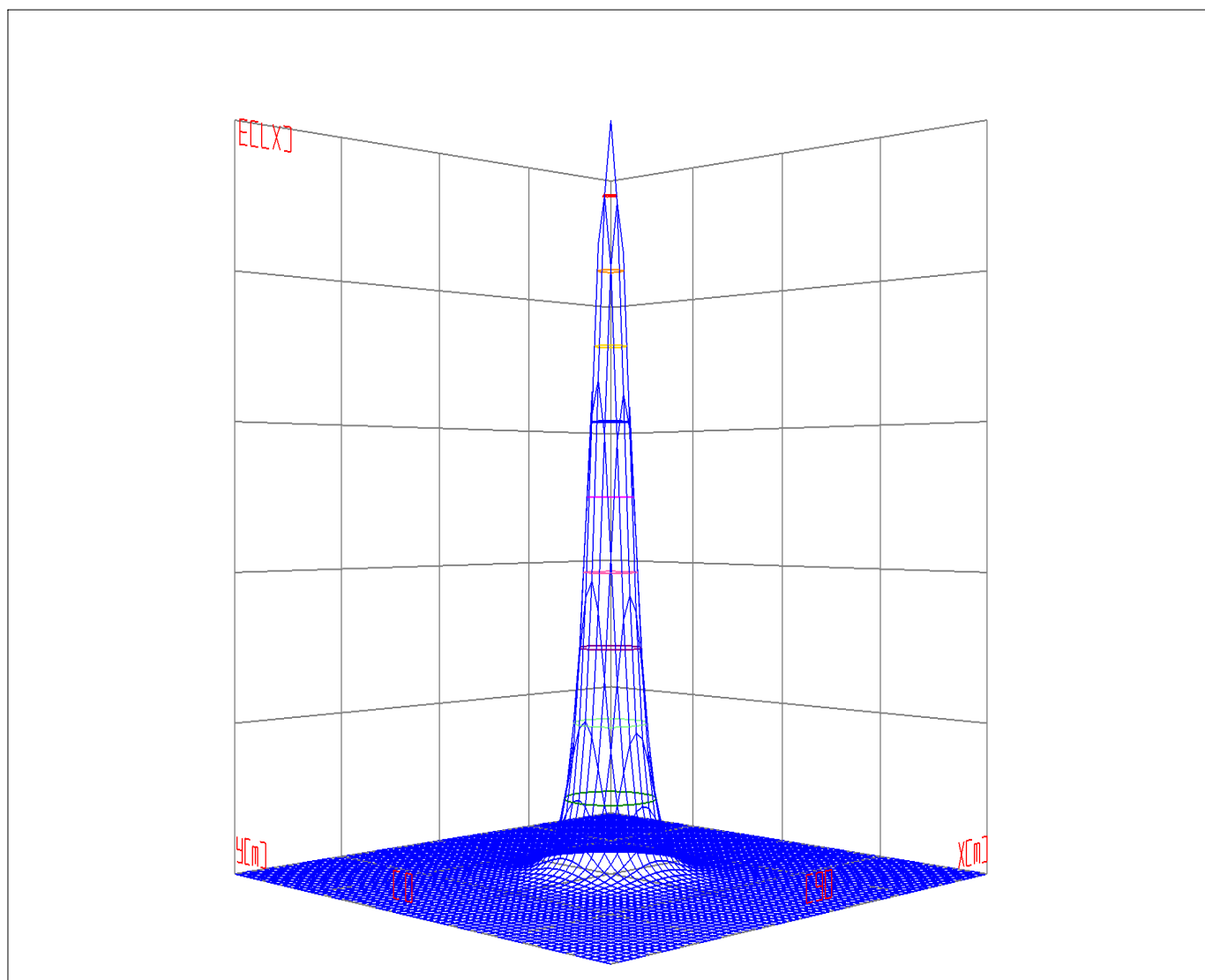
IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 36D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 36D	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

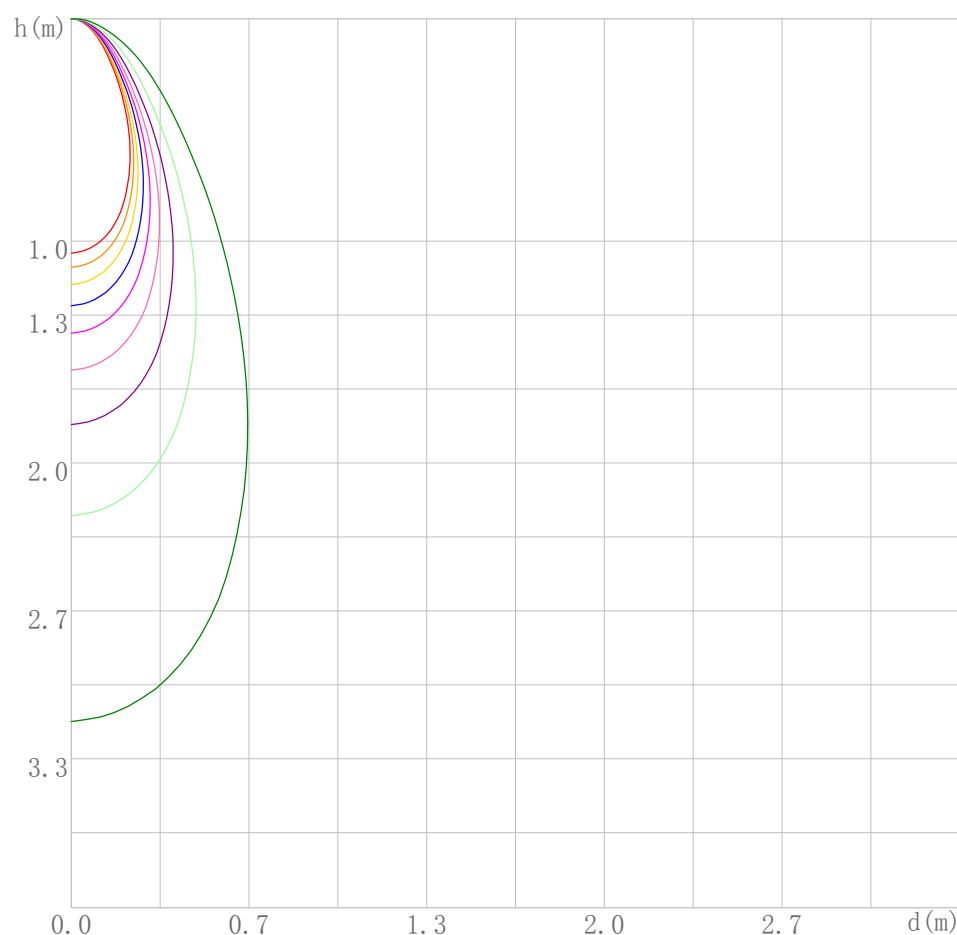


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 36D	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] =1719.274

— [EMax*90%]=1547.347

— [EMax*80%]=1375.419

— [EMax*70%]=1203.492

— [EMax*60%]=1031.564

— [EMax*50%]=859.637

— [EMax*40%]=687.710

— [EMax*30%]=515.782

— [EMax*20%]=343.855

— [EMax*10%]=171.927

Space Plane Maximum Illuminance and @Angle:1719.27lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:1719.274cd,0deg

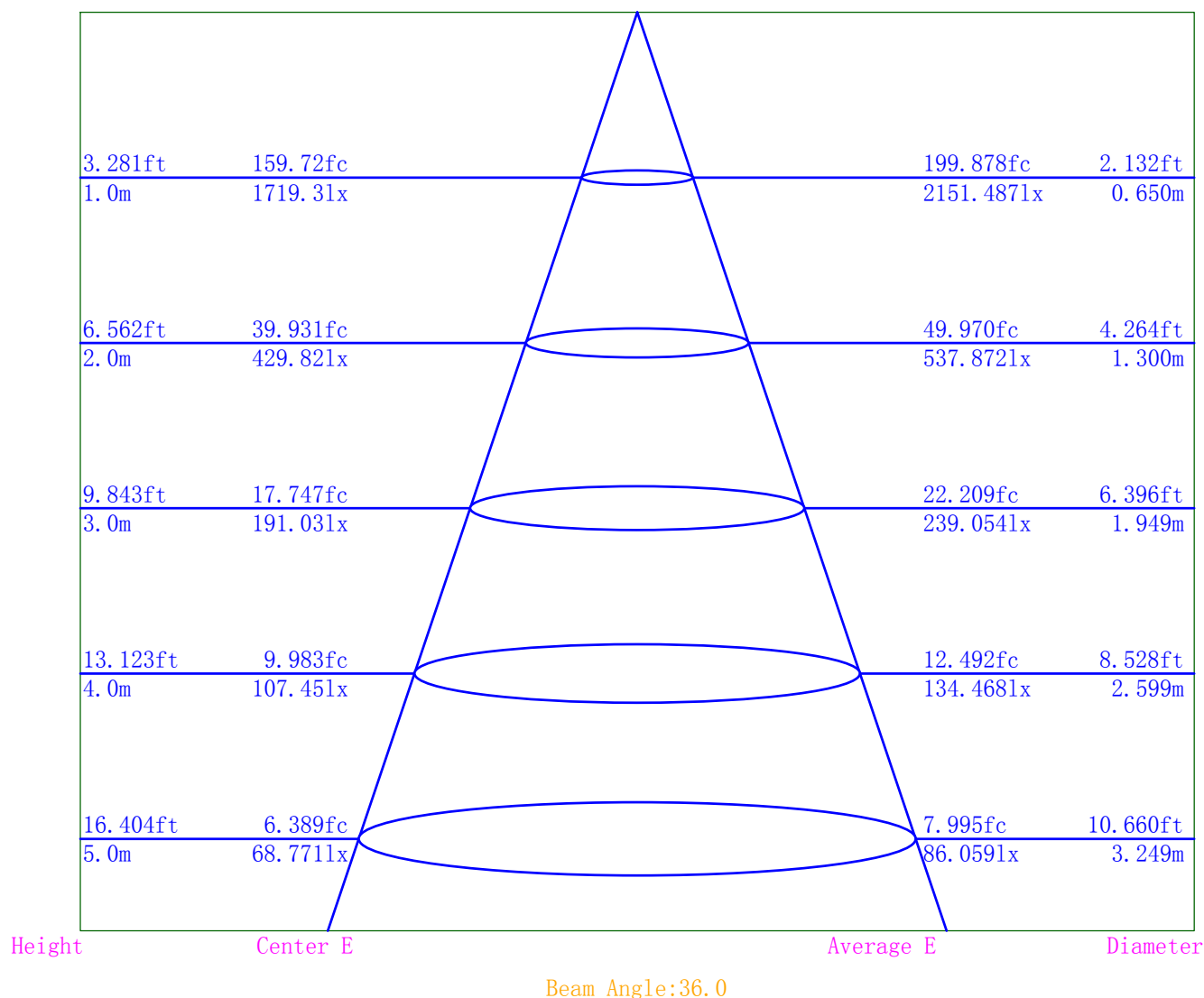
IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 36D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 36D	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 36D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 36D	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

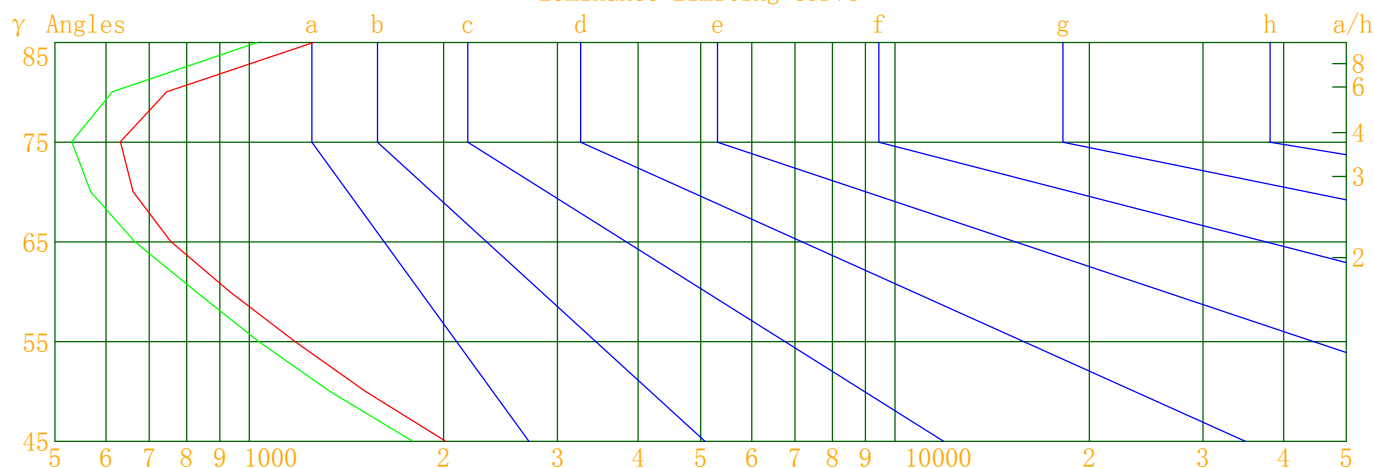
Glare Grade Table

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	2016	1514	1177	932	756	660	632	745	1256
C90	1792	1333	1034	826	664	568	531	613	1028

Luminance Limiting Curve



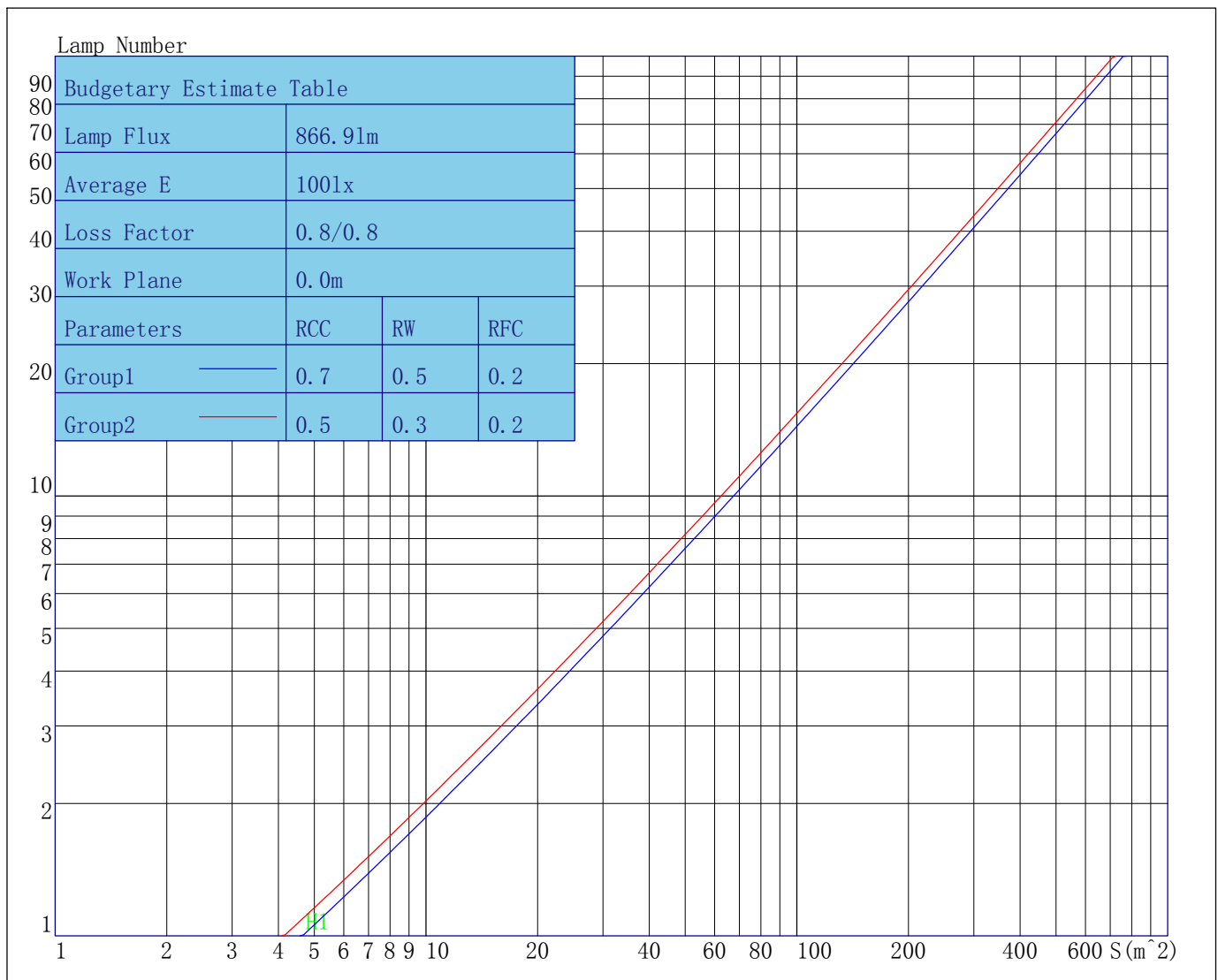
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.750 Area(m²)=0.040000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 36D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 36D	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

Indoor Coefficient of Utilization Table

Lum. Name: MD10-13-DW-01 2000K-3000K RA95 36D	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: 2019/11/22

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	104	104	104	100	100	100	97
1	113	110	107	105	110	107	105	103	103	101	100	99	97	96	95	94	93	91
2	107	102	98	95	105	100	97	94	97	94	91	93	91	89	90	88	87	85
3	102	96	91	87	100	94	90	86	91	88	84	89	85	83	86	83	81	80
4	97	90	85	81	95	89	84	80	86	82	79	84	80	78	82	79	76	75
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	78	75	72	71
6	89	80	75	71	87	79	74	70	78	73	70	76	72	69	75	71	68	67
7	85	76	71	67	84	75	70	66	74	69	66	73	68	65	71	68	65	63
8	81	73	67	63	80	72	67	63	71	66	62	69	65	62	68	64	62	60
9	78	69	64	60	77	69	63	60	67	63	59	66	62	59	65	62	59	58
10	75	66	61	57	74	66	60	57	65	60	57	64	59	56	63	59	56	55

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	1719.27	1719.27	1719.27	1719.27
γ 1.0	1709.88	1712.41	1722.44	1721.65
γ 2.0	1699.50	1698.90	1716.50	1716.99
γ 3.0	1680.82	1677.96	1704.86	1706.35
γ 4.0	1655.97	1651.35	1688.55	1689.97
γ 5.0	1623.46	1616.18	1665.27	1670.81
γ 6.0	1588.25	1573.92	1635.35	1644.81
γ 7.0	1543.67	1527.61	1599.68	1615.54
γ 8.0	1494.22	1475.39	1559.55	1578.06
γ 9.0	1439.39	1418.73	1512.21	1536.01
γ 10.0	1379.44	1354.19	1459.43	1486.90
γ 11.0	1315.36	1286.62	1402.43	1432.60
γ 12.0	1248.20	1215.38	1341.62	1374.99
γ 13.0	1174.63	1139.26	1276.36	1310.92
γ 14.0	1100.28	1063.02	1205.40	1244.48
γ 15.0	1025.45	987.19	1132.20	1171.82
γ 16.0	952.54	914.91	1057.22	1096.61
γ 17.0	882.95	844.15	982.33	1021.61
γ 18.0	814.00	774.81	909.75	948.11
γ 19.0	748.12	709.22	838.79	876.17
γ 20.0	684.33	645.84	769.63	807.29
γ 21.0	623.88	584.78	703.46	740.47
γ 22.0	566.20	527.76	641.58	676.17
γ 23.0	512.02	475.65	582.09	615.11
γ 24.0	462.40	427.88	526.68	558.77
γ 25.0	416.20	384.22	474.96	505.75
γ 26.0	373.71	344.77	426.88	456.20
γ 27.0	335.38	308.86	382.89	410.30
γ 28.0	301.20	276.75	343.35	367.64
γ 29.0	270.25	247.89	307.43	329.65
γ 30.0	242.27	222.06	275.05	295.89
γ 31.0	217.49	198.83	246.20	264.89
γ 32.0	195.45	177.84	220.00	237.27
γ 33.0	175.44	159.16	196.26	212.39
γ 34.0	157.48	142.61	175.75	190.24
γ 35.0	141.58	128.34	157.28	170.35
γ 36.0	127.80	115.76	141.06	152.63
γ 37.0	115.69	104.65	126.74	137.29
γ 38.0	105.04	94.86	114.18	123.47
γ 39.0	95.50	86.08	102.96	111.35
γ 40.0	87.23	78.40	93.08	100.77
γ 41.0	79.70	71.46	84.50	91.42
γ 42.0	73.12	65.28	76.99	83.39
γ 43.0	67.24	59.83	70.41	76.06
γ 44.0	61.91	54.99	64.55	69.67
γ 45.0	57.02	50.69	59.22	64.02
γ 46.0	52.64	46.75	54.45	58.79

IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 36D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	48.66	43.24	50.19	54.35
γ 48.0	45.10	39.94	46.42	50.22
γ 49.0	41.85	37.04	43.08	46.50
γ 50.0	38.92	34.28	39.94	43.17
γ 51.0	36.20	31.75	37.08	40.17
γ 52.0	33.61	29.52	34.42	37.45
γ 53.0	31.23	27.46	32.02	34.91
γ 54.0	29.05	25.52	29.86	32.60
γ 55.0	27.00	23.72	27.85	30.44
γ 56.0	25.08	22.09	25.97	28.47
γ 57.0	23.33	20.58	24.20	26.59
γ 58.0	21.68	19.13	22.55	24.82
γ 59.0	20.13	17.80	21.01	23.19
γ 60.0	18.64	16.53	19.56	21.68
γ 61.0	17.27	15.35	18.18	20.25
γ 62.0	16.03	14.25	16.89	18.88
γ 63.0	14.85	13.19	15.59	17.48
γ 64.0	13.81	12.17	14.39	16.25
γ 65.0	12.77	11.23	13.32	15.08
γ 66.0	11.93	10.37	12.35	13.98
γ 67.0	11.03	9.62	11.47	13.02
γ 68.0	10.31	8.93	10.66	12.10
γ 69.0	9.65	8.32	9.84	11.28
γ 70.0	9.04	7.77	9.18	10.48
γ 71.0	8.45	7.25	8.58	9.84
γ 72.0	7.92	6.76	8.01	9.22
γ 73.0	7.43	6.30	7.48	8.66
γ 74.0	6.98	5.89	6.96	8.11
γ 75.0	6.54	5.50	6.49	7.61
γ 76.0	6.14	5.12	6.08	7.14
γ 77.0	5.79	4.78	5.66	6.71
γ 78.0	5.56	4.57	5.27	6.28
γ 79.0	5.36	4.41	4.97	5.90
γ 80.0	5.17	4.26	4.78	5.64
γ 81.0	5.00	4.11	4.61	5.44
γ 82.0	4.83	3.96	4.44	5.24
γ 83.0	4.68	3.84	4.28	5.07
γ 84.0	4.53	3.71	4.15	4.91
γ 85.0	4.38	3.59	4.00	4.74
γ 86.0	4.21	3.42	3.88	4.59
γ 87.0	4.03	3.28	3.74	4.43
γ 88.0	3.88	3.18	3.58	4.25
γ 89.0	3.79	3.10	3.41	4.08
γ 90.0	3.70	3.03	3.27	3.91
γ 91.0	3.62	2.97	3.19	3.83
γ 92.0	3.54	2.92	3.12	3.74
γ 93.0	3.46	2.86	3.06	3.65

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	3.40	2.81	3.00	3.57
γ 95.0	3.32	2.76	2.93	3.49
γ 96.0	3.26	2.71	2.88	3.42
γ 97.0	3.21	2.67	2.83	3.34
γ 98.0	3.15	2.62	2.79	3.28
γ 99.0	3.10	2.58	2.74	3.21
γ 100.0	3.05	2.55	2.70	3.17
γ 101.0	3.00	2.52	2.66	3.11
γ 102.0	2.96	2.48	2.63	3.07
γ 103.0	2.92	2.45	2.60	3.03
γ 104.0	2.88	2.42	2.57	2.98
γ 105.0	2.85	2.40	2.54	2.94
γ 106.0	2.81	2.38	2.52	2.90
γ 107.0	2.78	2.36	2.50	2.87
γ 108.0	2.75	2.35	2.48	2.84
γ 109.0	2.72	2.34	2.48	2.81
γ 110.0	2.70	2.32	2.46	2.80
γ 111.0	2.68	2.31	2.46	2.78
γ 112.0	2.66	2.31	2.46	2.76
γ 113.0	2.66	2.31	2.46	2.76
γ 114.0	2.64	2.31	2.46	2.75
γ 115.0	2.64	2.32	2.48	2.74
γ 116.0	2.64	2.33	2.48	2.74
γ 117.0	2.64	2.34	2.51	2.75
γ 118.0	2.64	2.36	2.53	2.76
γ 119.0	2.66	2.39	2.56	2.77
γ 120.0	2.69	2.42	2.59	2.79
γ 121.0	2.71	2.46	2.62	2.82
γ 122.0	2.74	2.51	2.67	2.85
γ 123.0	2.78	2.56	2.71	2.89
γ 124.0	2.83	2.61	2.77	2.92
γ 125.0	2.87	2.68	2.82	2.97
γ 126.0	2.93	2.74	2.88	3.03
γ 127.0	3.00	2.81	2.96	3.08
γ 128.0	3.07	2.89	3.04	3.15
γ 129.0	3.14	2.98	3.12	3.23
γ 130.0	3.21	3.08	3.20	3.30
γ 131.0	3.31	3.17	3.30	3.38
γ 132.0	3.41	3.29	3.40	3.47
γ 133.0	3.51	3.39	3.52	3.57
γ 134.0	3.63	3.52	3.63	3.67
γ 135.0	3.74	3.63	3.74	3.79
γ 136.0	3.86	3.76	3.87	3.90
γ 137.0	3.99	3.89	3.99	4.01
γ 138.0	4.10	4.02	4.12	4.13
γ 139.0	4.24	4.14	4.24	4.25
γ 140.0	4.37	4.28	4.38	4.38

IES Indoor Report

Photometric Filename:MD10-13-DW-01 2000K-3000K RA95 36D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	4.49	4.41	4.51	4.51
γ 142.0	4.63	4.56	4.66	4.64
γ 143.0	4.77	4.70	4.78	4.76
γ 144.0	4.91	4.83	4.93	4.91
γ 145.0	5.04	4.97	5.06	5.03
γ 146.0	5.16	5.09	5.20	5.16
γ 147.0	5.29	5.22	5.33	5.28
γ 148.0	5.43	5.34	5.46	5.41
γ 149.0	5.56	5.48	5.59	5.55
γ 150.0	5.68	5.59	5.73	5.67
γ 151.0	5.79	5.71	5.84	5.78
γ 152.0	5.90	5.81	5.96	5.89
γ 153.0	6.00	5.92	6.06	6.00
γ 154.0	6.11	6.01	6.17	6.10
γ 155.0	6.19	6.10	6.26	6.19
γ 156.0	6.28	6.18	6.35	6.28
γ 157.0	6.36	6.26	6.43	6.35
γ 158.0	6.43	6.34	6.50	6.43
γ 159.0	6.50	6.40	6.59	6.50
γ 160.0	6.57	6.45	6.64	6.56
γ 161.0	6.61	6.52	6.71	6.62
γ 162.0	6.67	6.55	6.75	6.67
γ 163.0	6.72	6.60	6.79	6.71
γ 164.0	6.76	6.64	6.83	6.75
γ 165.0	6.79	6.68	6.87	6.77
γ 166.0	6.83	6.72	6.89	6.81
γ 167.0	6.85	6.73	6.92	6.83
γ 168.0	6.88	6.77	6.95	6.85
γ 169.0	6.90	6.78	6.96	6.86
γ 170.0	6.92	6.80	6.98	6.87
γ 171.0	6.94	6.83	6.98	6.89
γ 172.0	6.97	6.84	6.99	6.91
γ 173.0	7.00	6.87	7.01	6.93
γ 174.0	7.03	6.89	7.03	6.94
γ 175.0	7.05	6.92	7.05	6.96
γ 176.0	7.07	6.95	7.06	6.98
γ 177.0	7.09	6.97	7.07	6.99
γ 178.0	7.12	6.97	7.09	7.02
γ 179.0	7.12	6.97	7.11	7.03
γ 180.0	7.07	7.07	7.07	7.07