

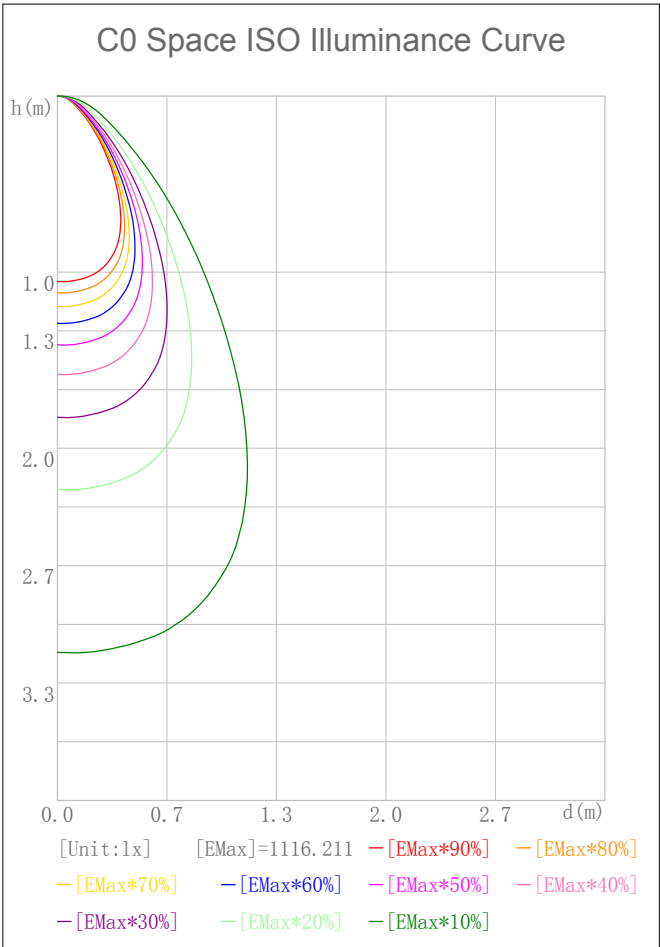
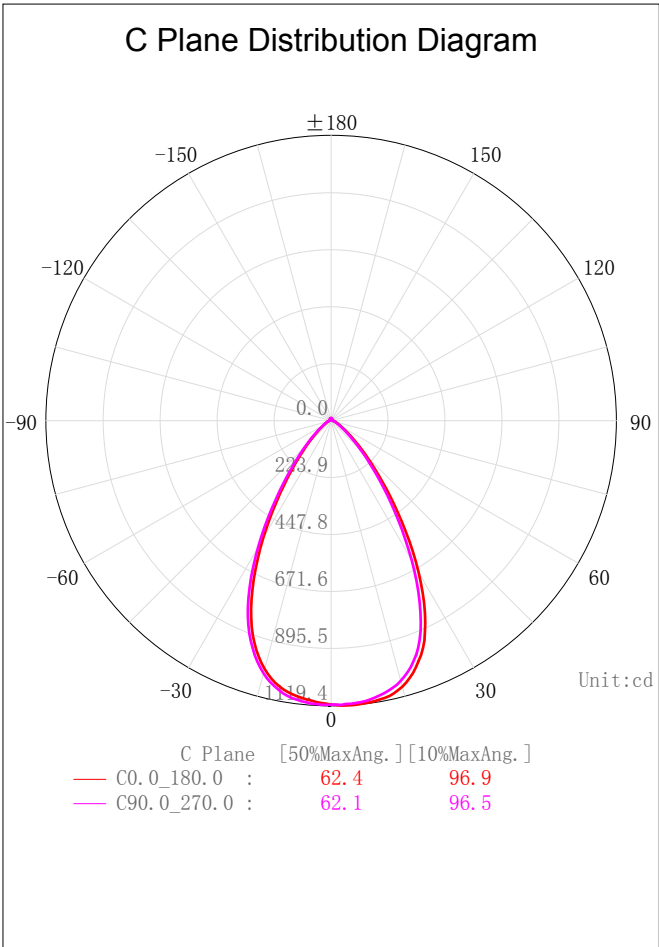
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-XX-03 4000K RA90 60D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/12/23
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*0.650m		Lum. Area (m2):0.035	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): 1279.880	Luminary Flux(lm): 1279.882	Field Angle(10%Imax): 96.9(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1245.317lm 97.30%	
Rated Voltage(V):	Luminary EER(lm/W): 103.050	Up Lumens&Percent: 34.565lm 2.70%	
Tested Power(W): 12.420	Max. Candela(cd): 1119.409	S/MH: C0_a180=0.975 C90_270=0.970	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=4.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.4, 0.054	Beam Angle(50%Imax): 62.4(°)	ErP ϕ use(90°): 1083.071lm	
Lamp Size (W*L*H):0.050m*0.050m*0.650m	Left=-29.3°, Right=33.1°	IRF(%): 193.161	



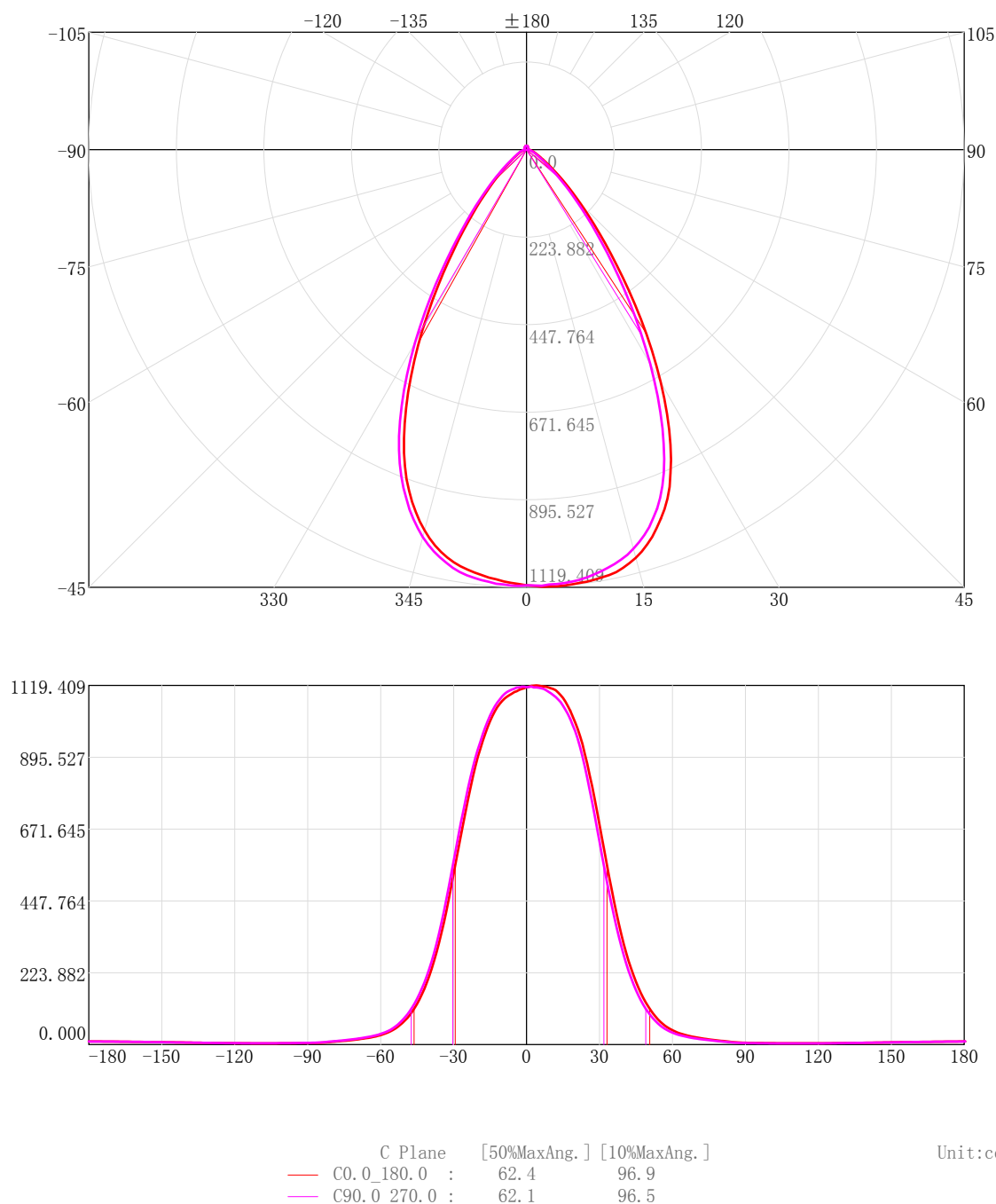
IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 60D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-XX-03 4000K RA90 60D	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: 2019/12/23

C Plane Distribution Diagram



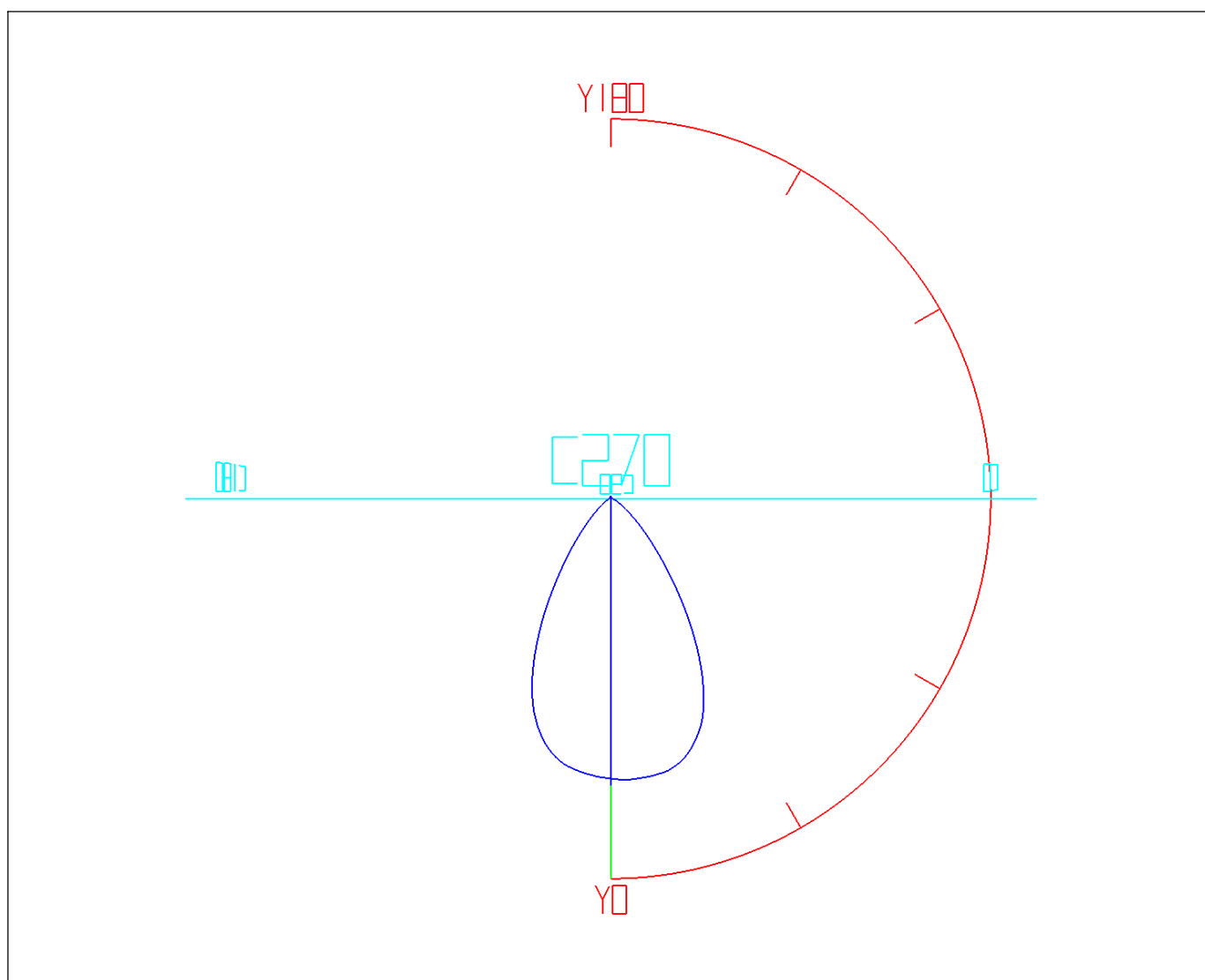
IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 60D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-XX-03 4000K RA90 60D	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: 2019/12/23

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

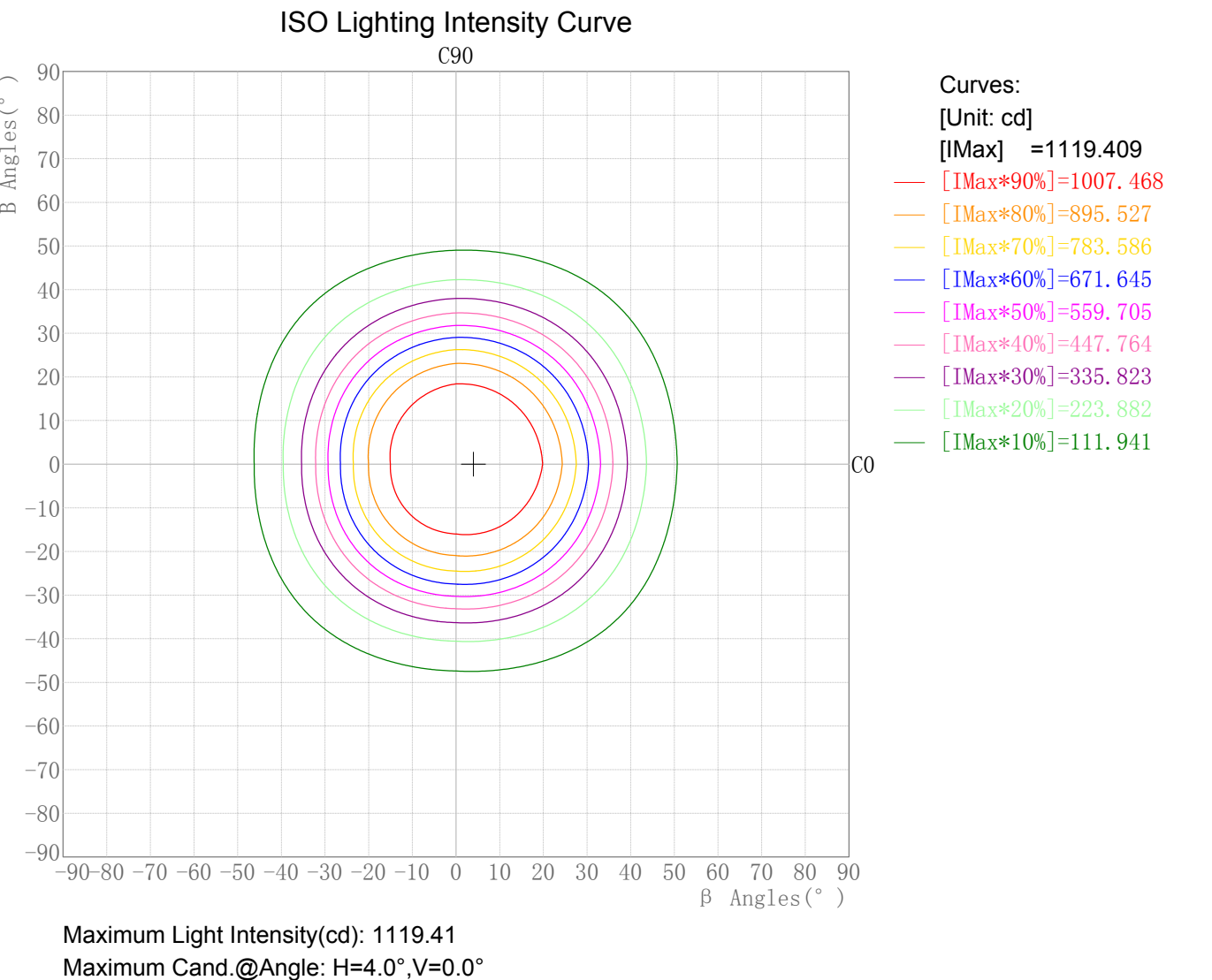
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.07	1.07	0.08	0.08	47.0-48.0	9.97	1125.53	0.78	87.94
1.0-2.0	3.20	4.26	0.25	0.33	48.0-49.0	9.14	1134.67	0.71	88.65
2.0-3.0	5.33	9.59	0.42	0.75	49.0-50.0	8.37	1143.04	0.65	89.31
3.0-4.0	7.45	17.04	0.58	1.33	50.0-51.0	7.66	1150.69	0.60	89.91
4.0-5.0	9.56	26.59	0.75	2.08	51.0-52.0	7.00	1157.70	0.55	90.45
5.0-6.0	11.65	38.24	0.91	2.99	52.0-53.0	6.40	1164.10	0.50	90.95
6.0-7.0	13.73	51.97	1.07	4.06	53.0-54.0	5.85	1169.95	0.46	91.41
7.0-8.0	15.78	67.75	1.23	5.29	54.0-55.0	5.36	1175.31	0.42	91.83
8.0-9.0	17.81	85.56	1.39	6.68	55.0-56.0	4.91	1180.22	0.38	92.21
9.0-10.0	19.79	105.35	1.55	8.23	56.0-57.0	4.51	1184.73	0.35	92.57
10.0-11.0	21.73	127.08	1.70	9.93	57.0-58.0	4.17	1188.90	0.33	92.89
11.0-12.0	23.61	150.69	1.84	11.77	58.0-59.0	3.86	1192.76	0.30	93.19
12.0-13.0	25.43	176.12	1.99	13.76	59.0-60.0	3.59	1196.35	0.28	93.47
13.0-14.0	27.16	203.29	2.12	15.88	60.0-61.0	3.35	1199.69	0.26	93.73
14.0-15.0	28.80	232.09	2.25	18.13	61.0-62.0	3.13	1202.83	0.24	93.98
15.0-16.0	30.33	262.42	2.37	20.50	62.0-63.0	2.94	1205.77	0.23	94.21
16.0-17.0	31.74	294.16	2.48	22.98	63.0-64.0	2.77	1208.54	0.22	94.43
17.0-18.0	33.03	327.19	2.58	25.56	64.0-65.0	2.62	1211.15	0.20	94.63
18.0-19.0	34.17	361.36	2.67	28.23	65.0-66.0	2.47	1213.63	0.19	94.82
19.0-20.0	35.15	396.51	2.75	30.98	66.0-67.0	2.34	1215.97	0.18	95.01
20.0-21.0	35.99	432.50	2.81	33.79	67.0-68.0	2.22	1218.20	0.17	95.18
21.0-22.0	36.63	469.13	2.86	36.65	68.0-69.0	2.11	1220.31	0.16	95.35
22.0-23.0	37.05	506.18	2.89	39.55	69.0-70.0	2.00	1222.31	0.16	95.50
23.0-24.0	37.22	543.40	2.91	42.46	70.0-71.0	1.90	1224.21	0.15	95.65
24.0-25.0	37.16	580.57	2.90	45.36	71.0-72.0	1.80	1226.01	0.14	95.79
25.0-26.0	36.89	617.46	2.88	48.24	72.0-73.0	1.71	1227.72	0.13	95.92
26.0-27.0	36.39	653.85	2.84	51.09	73.0-74.0	1.61	1229.33	0.13	96.05
27.0-28.0	35.70	689.55	2.79	53.88	74.0-75.0	1.53	1230.86	0.12	96.17
28.0-29.0	34.82	724.37	2.72	56.60	75.0-76.0	1.45	1232.31	0.11	96.28
29.0-30.0	33.77	758.13	2.64	59.23	76.0-77.0	1.37	1233.68	0.11	96.39
30.0-31.0	32.55	790.69	2.54	61.78	77.0-78.0	1.29	1234.98	0.10	96.49
31.0-32.0	31.20	821.89	2.44	64.22	78.0-79.0	1.22	1236.20	0.10	96.59
32.0-33.0	29.77	851.66	2.33	66.54	79.0-80.0	1.15	1237.34	0.09	96.68
33.0-34.0	28.24	879.90	2.21	68.75	80.0-81.0	1.08	1238.42	0.08	96.76
34.0-35.0	26.67	906.56	2.08	70.83	81.0-82.0	1.00	1239.42	0.08	96.84
35.0-36.0	25.08	931.64	1.96	72.79	82.0-83.0	0.93	1240.35	0.07	96.91
36.0-37.0	23.51	955.15	1.84	74.63	83.0-84.0	0.85	1241.20	0.07	96.98
37.0-38.0	21.99	977.13	1.72	76.35	84.0-85.0	0.79	1241.99	0.06	97.04
38.0-39.0	20.51	997.65	1.60	77.95	85.0-86.0	0.73	1242.73	0.06	97.10
39.0-40.0	19.08	1016.72	1.49	79.44	86.0-87.0	0.69	1243.42	0.05	97.15
40.0-41.0	17.71	1034.44	1.38	80.82	87.0-88.0	0.66	1244.07	0.05	97.20
41.0-42.0	16.40	1050.84	1.28	82.10	88.0-89.0	0.63	1244.70	0.05	97.25
42.0-43.0	15.16	1066.00	1.18	83.29	89.0-90.0	0.61	1245.32	0.05	97.30
43.0-44.0	13.98	1079.97	1.09	84.38	90.0-91.0	0.60	1245.91	0.05	97.35
44.0-45.0	12.87	1092.85	1.01	85.39	91.0-92.0	0.58	1246.50	0.05	97.39
45.0-46.0	11.84	1104.68	0.92	86.31	92.0-93.0	0.57	1247.07	0.04	97.44
46.0-47.0	10.87	1115.56	0.85	87.16	93.0-94.0	0.56	1247.62	0.04	97.48

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	0.54	1248.17	0.04	97.52	141.0-142.0	0.45	1269.19	0.04	99.17
95.0-96.0	0.53	1248.70	0.04	97.56	142.0-143.0	0.45	1269.64	0.03	99.20
96.0-97.0	0.52	1249.22	0.04	97.60	143.0-144.0	0.44	1270.08	0.03	99.23
97.0-98.0	0.51	1249.73	0.04	97.64	144.0-145.0	0.44	1270.53	0.03	99.27
98.0-99.0	0.50	1250.24	0.04	97.68	145.0-146.0	0.44	1270.96	0.03	99.30
99.0-100.0	0.49	1250.73	0.04	97.72	146.0-147.0	0.43	1271.40	0.03	99.34
100.0-101.0	0.48	1251.21	0.04	97.76	147.0-148.0	0.43	1271.83	0.03	99.37
101.0-102.0	0.48	1251.69	0.04	97.80	148.0-149.0	0.42	1272.25	0.03	99.40
102.0-103.0	0.47	1252.16	0.04	97.83	149.0-150.0	0.42	1272.67	0.03	99.44
103.0-104.0	0.46	1252.62	0.04	97.87	150.0-151.0	0.41	1273.08	0.03	99.47
104.0-105.0	0.45	1253.07	0.04	97.91	151.0-152.0	0.40	1273.48	0.03	99.50
105.0-106.0	0.45	1253.52	0.03	97.94	152.0-153.0	0.40	1273.88	0.03	99.53
106.0-107.0	0.44	1253.96	0.03	97.98	153.0-154.0	0.39	1274.27	0.03	99.56
107.0-108.0	0.44	1254.40	0.03	98.01	154.0-155.0	0.38	1274.65	0.03	99.59
108.0-109.0	0.43	1254.83	0.03	98.04	155.0-156.0	0.37	1275.02	0.03	99.62
109.0-110.0	0.43	1255.26	0.03	98.08	156.0-157.0	0.36	1275.38	0.03	99.65
110.0-111.0	0.43	1255.69	0.03	98.11	157.0-158.0	0.35	1275.73	0.03	99.68
111.0-112.0	0.42	1256.12	0.03	98.14	158.0-159.0	0.34	1276.07	0.03	99.70
112.0-113.0	0.42	1256.54	0.03	98.18	159.0-160.0	0.33	1276.40	0.03	99.73
113.0-114.0	0.42	1256.96	0.03	98.21	160.0-161.0	0.32	1276.71	0.02	99.75
114.0-115.0	0.42	1257.38	0.03	98.24	161.0-162.0	0.30	1277.02	0.02	99.78
115.0-116.0	0.42	1257.80	0.03	98.27	162.0-163.0	0.29	1277.31	0.02	99.80
116.0-117.0	0.42	1258.22	0.03	98.31	163.0-164.0	0.28	1277.59	0.02	99.82
117.0-118.0	0.42	1258.63	0.03	98.34	164.0-165.0	0.26	1277.85	0.02	99.84
118.0-119.0	0.42	1259.05	0.03	98.37	165.0-166.0	0.25	1278.10	0.02	99.86
119.0-120.0	0.42	1259.48	0.03	98.41	166.0-167.0	0.24	1278.34	0.02	99.88
120.0-121.0	0.42	1259.90	0.03	98.44	167.0-168.0	0.22	1278.56	0.02	99.90
121.0-122.0	0.42	1260.32	0.03	98.47	168.0-169.0	0.21	1278.77	0.02	99.91
122.0-123.0	0.43	1260.75	0.03	98.51	169.0-170.0	0.19	1278.95	0.01	99.93
123.0-124.0	0.43	1261.18	0.03	98.54	170.0-171.0	0.17	1279.13	0.01	99.94
124.0-125.0	0.43	1261.61	0.03	98.57	171.0-172.0	0.16	1279.28	0.01	99.95
125.0-126.0	0.43	1262.04	0.03	98.61	172.0-173.0	0.14	1279.42	0.01	99.96
126.0-127.0	0.44	1262.47	0.03	98.64	173.0-174.0	0.12	1279.54	0.01	99.97
127.0-128.0	0.44	1262.91	0.03	98.67	174.0-175.0	0.10	1279.65	0.01	99.98
128.0-129.0	0.44	1263.35	0.03	98.71	175.0-176.0	0.08	1279.73	0.01	99.99
129.0-130.0	0.44	1263.79	0.03	98.74	176.0-177.0	0.07	1279.80	0.01	99.99
130.0-131.0	0.44	1264.24	0.03	98.78	177.0-178.0	0.05	1279.84	0.00	100.00
131.0-132.0	0.45	1264.68	0.03	98.81	178.0-179.0	0.03	1279.87	0.00	100.00
132.0-133.0	0.45	1265.13	0.04	98.85	179.0-180.0	0.01	1279.88	0.00	100.00
133.0-134.0	0.45	1265.58	0.04	98.88					
134.0-135.0	0.45	1266.03	0.04	98.92					
135.0-136.0	0.45	1266.49	0.04	98.95					
136.0-137.0	0.45	1266.94	0.04	98.99					
137.0-138.0	0.45	1267.39	0.04	99.02					
138.0-139.0	0.45	1267.84	0.04	99.06					
139.0-140.0	0.45	1268.29	0.04	99.09					
140.0-141.0	0.45	1268.74	0.04	99.13					

Rectangle ISO Lighting Intensity Diagram

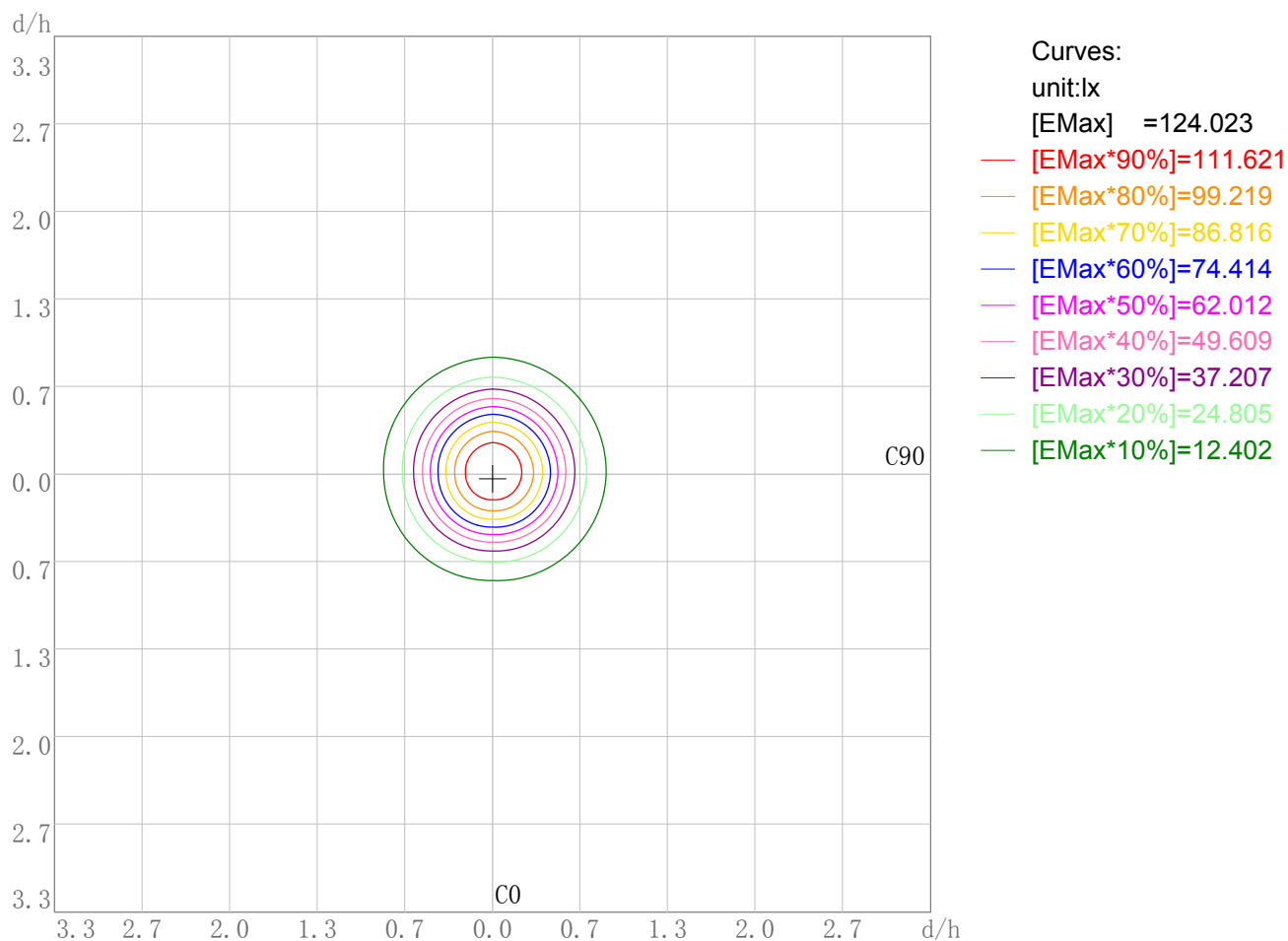
Lum. Name: MD10-13-XX-03 4000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/23



Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-XX-03 4000K RA90 60D	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: 2019/12/23

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 124.02

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

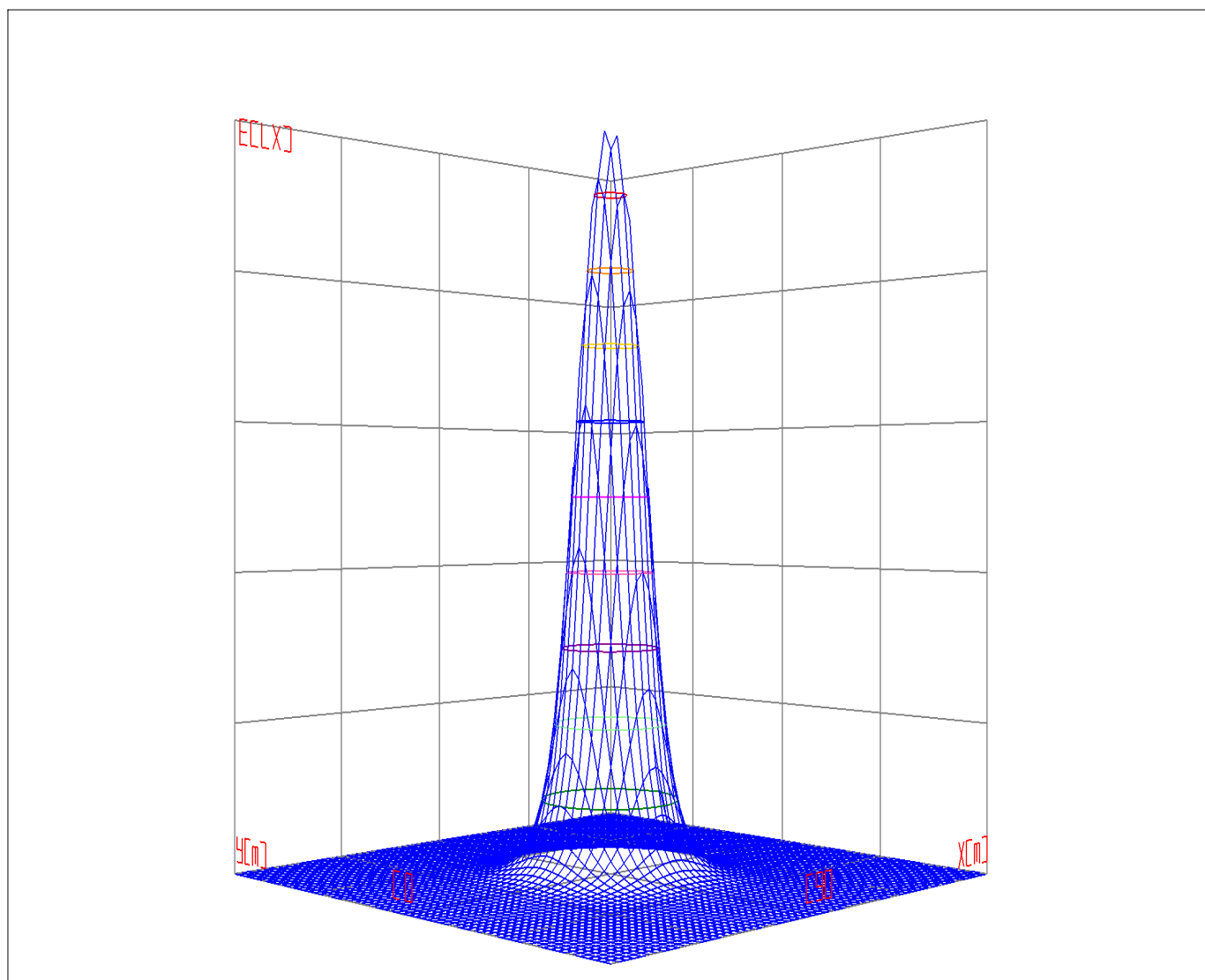
IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 60D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-XX-03 4000K RA90 60D	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: 2019/12/23

3D Plane Illuminance Modal

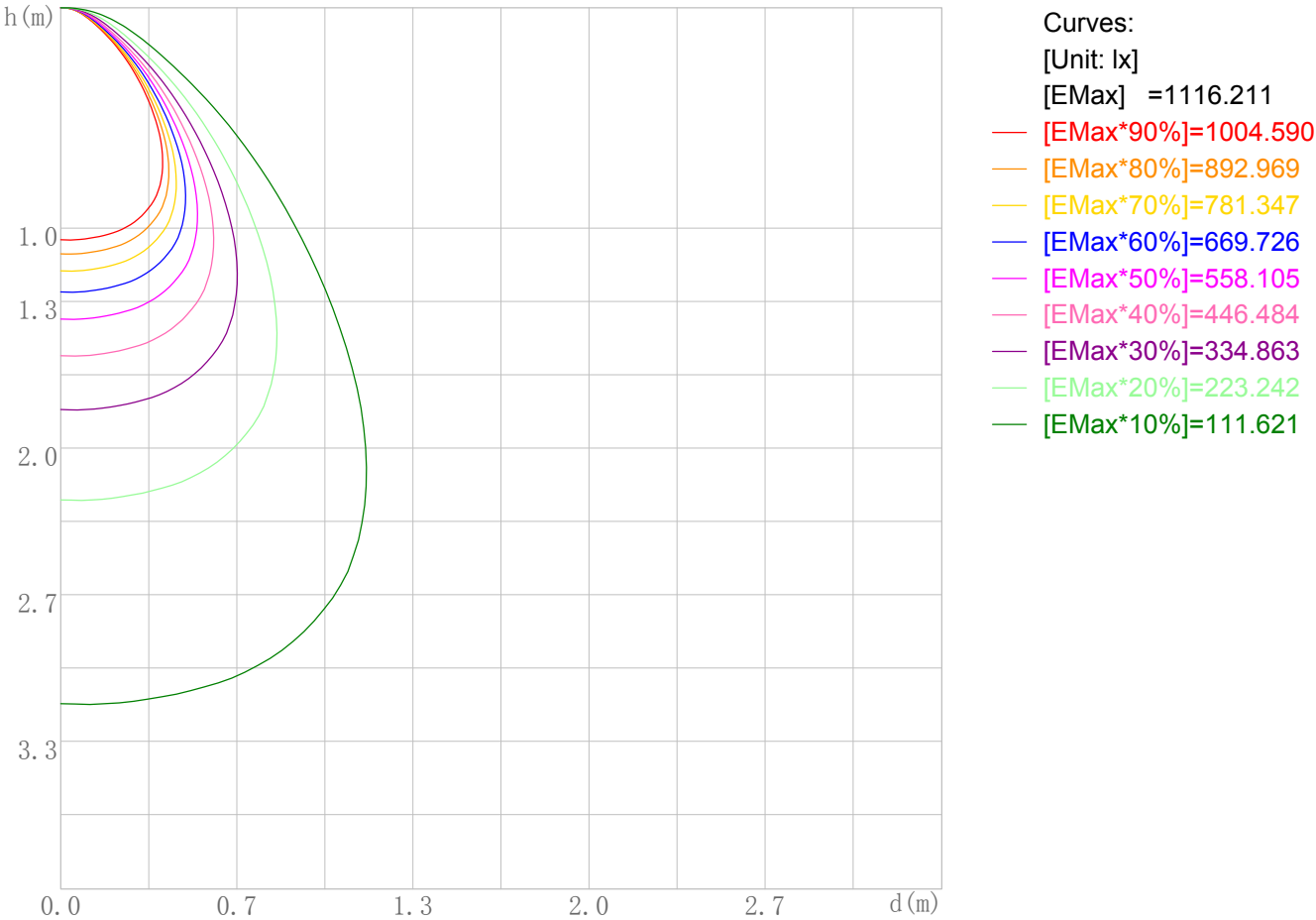


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name:MD10-13-XX-03 4000K RA90 60D	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:2019/12/23

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1116.21lx,2.0deg
Plane Maximum Lighting Intensity and @Angle:1119.409cd,0deg

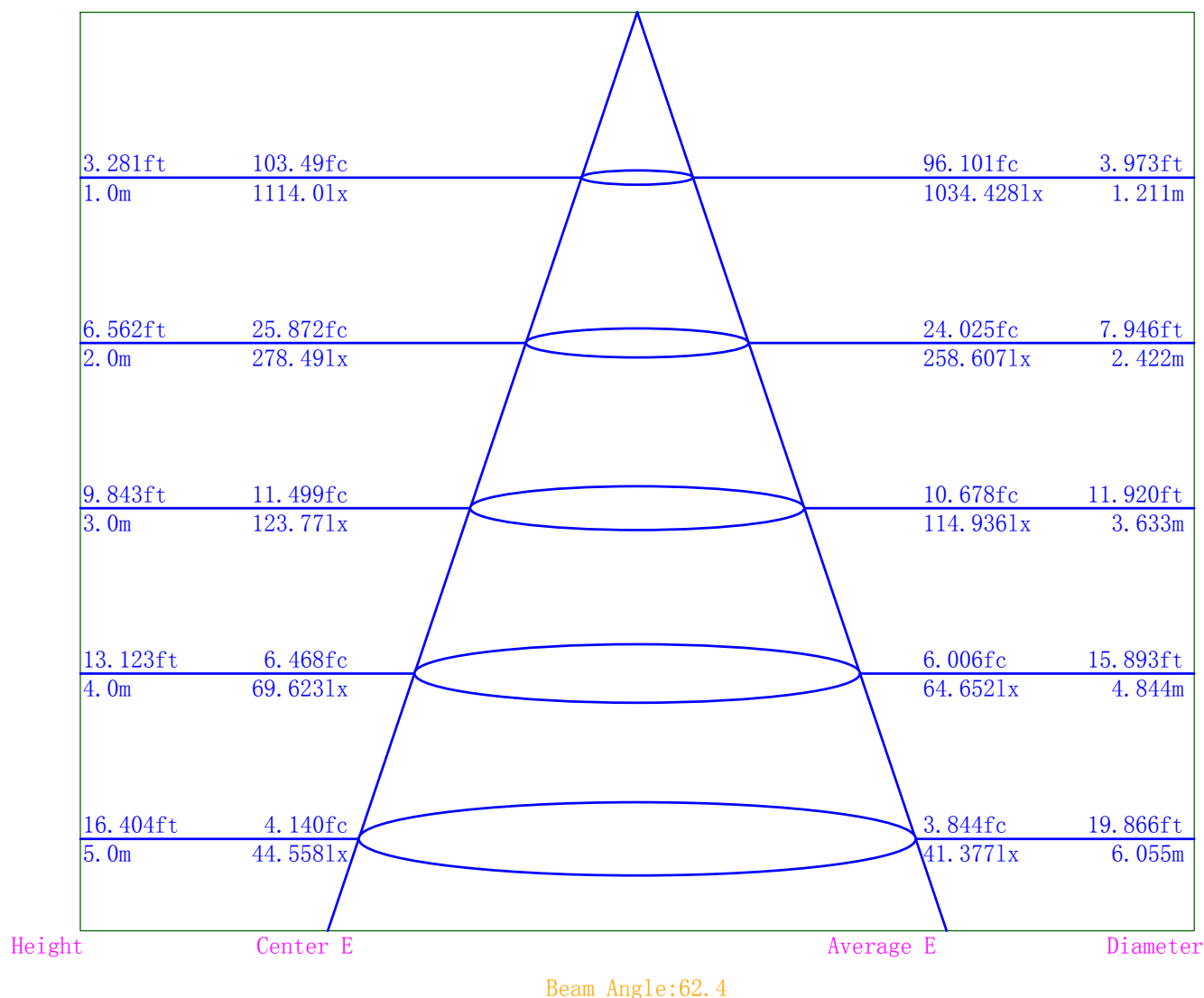
IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 60D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-13-XX-03 4000K RA90 60D	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: 2019/12/23

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 60D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-XX-03 4000K RA90 60D	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: 2019/12/23

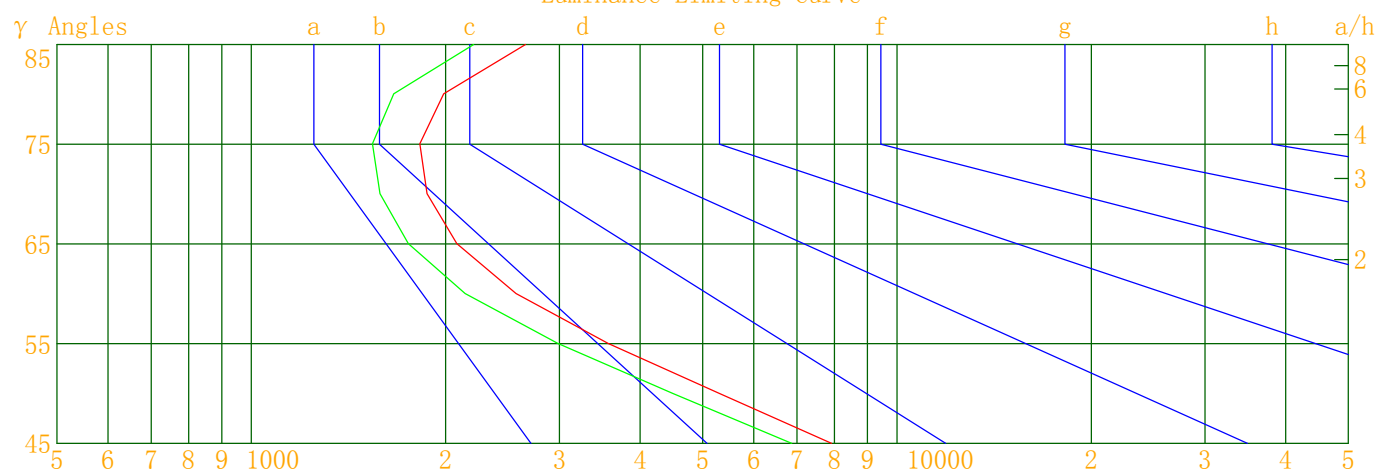
Glare Grade Table

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	7921	5309	3571	2570	2081	1871	1824	1986	2659
C90	6869	4495	2985	2143	1750	1582	1540	1661	2210

Luminance Limiting Curve



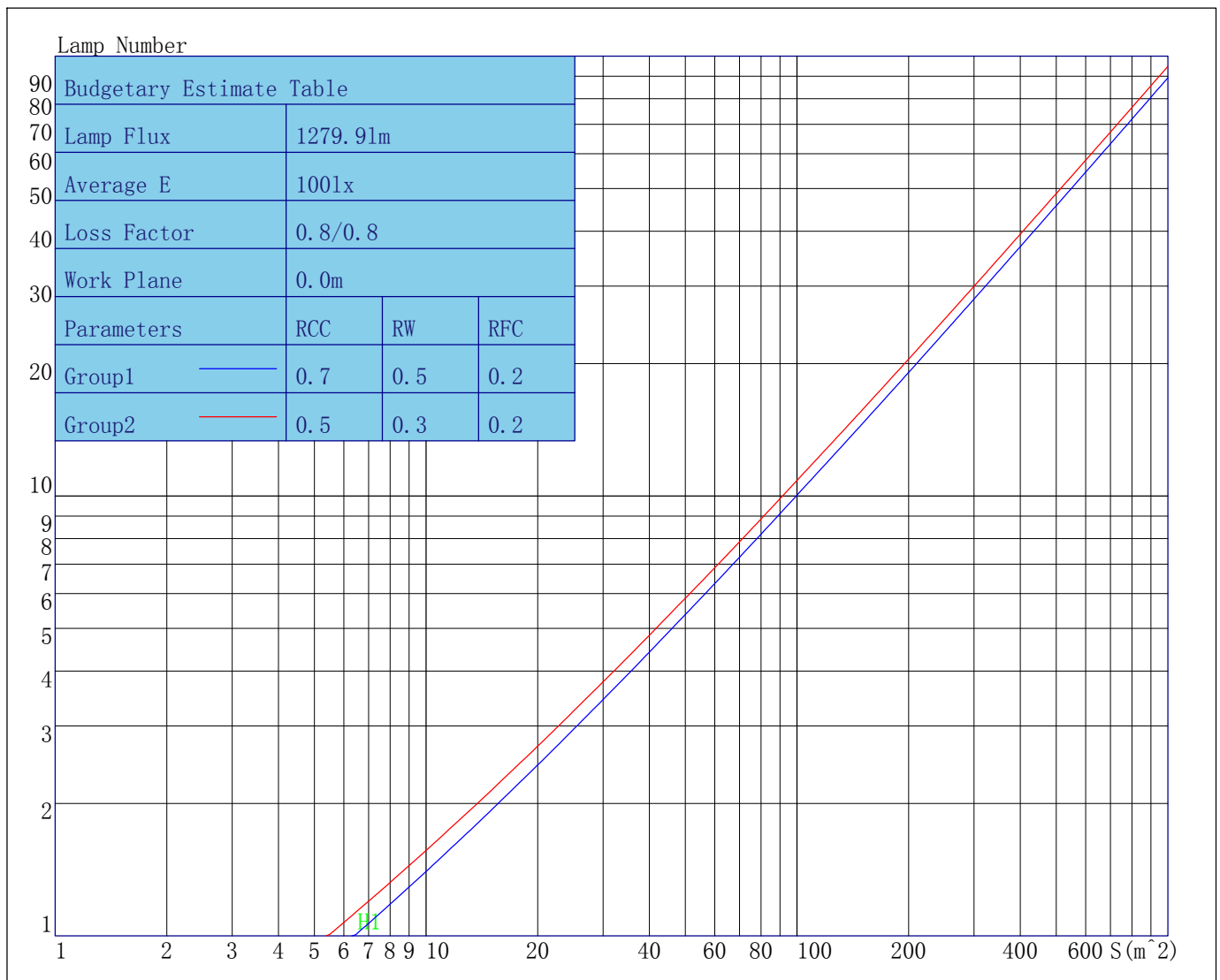
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.650 Area(m²)=0.035000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 60D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-XX-03 4000K RA90 60D	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: 2019/12/23



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-XX-03 4000K RA90 60D	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: 2019/12/23

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	112	109	106	103	109	106	104	101	102	99	98	97	96	94	93	92	91	89
2	105	100	95	91	103	98	93	90	94	90	87	90	88	85	87	85	83	81
3	99	92	86	82	97	90	85	81	87	83	79	84	81	77	82	79	76	74
4	93	85	79	74	91	83	78	73	81	76	72	78	74	71	76	73	70	68
5	88	79	72	67	86	77	71	67	75	70	66	73	69	65	71	67	64	63
6	83	73	66	62	81	72	66	61	70	65	61	69	64	60	67	63	59	58
7	78	68	62	57	77	67	61	57	66	60	56	64	59	56	63	58	55	54
8	74	64	57	53	73	63	57	52	62	56	52	60	55	52	59	55	51	50
9	70	60	53	49	69	59	53	49	58	52	49	57	52	48	56	51	48	46
10	67	56	50	46	66	56	50	46	55	49	45	54	49	45	53	48	45	43

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 surfaces (Ceiling, Wall, Floor) and room sizes (X=2H to X=12H) with Y-axis variations. Includes a section for Variations with the observer position at spacings and a 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	1113.96	1113.96	1113.96	1113.96
γ 1.0	1115.45	1114.48	1110.77	1115.45
γ 2.0	1118.25	1115.84	1108.47	1115.33
γ 3.0	1118.52	1113.26	1105.71	1113.21
γ 4.0	1119.41	1113.43	1101.37	1112.84
γ 5.0	1118.72	1112.21	1098.44	1109.27
γ 6.0	1117.41	1110.73	1093.88	1106.68
γ 7.0	1116.20	1108.61	1089.50	1103.01
γ 8.0	1115.50	1104.79	1084.26	1098.96
γ 9.0	1113.07	1099.83	1078.69	1093.16
γ 10.0	1110.50	1095.08	1071.29	1085.94
γ 11.0	1108.34	1089.33	1062.13	1075.89
γ 12.0	1104.45	1083.18	1051.67	1065.70
γ 13.0	1097.50	1075.63	1039.00	1054.29
γ 14.0	1089.45	1067.67	1024.35	1040.71
γ 15.0	1080.49	1056.25	1007.94	1025.37
γ 16.0	1069.12	1043.97	989.49	1007.36
γ 17.0	1055.36	1030.64	968.54	988.45
γ 18.0	1040.59	1015.12	946.92	967.74
γ 19.0	1022.96	995.83	922.29	943.71
γ 20.0	1004.08	976.92	896.71	919.91
γ 21.0	984.60	953.90	867.65	894.02
γ 22.0	962.06	927.41	836.03	865.33
γ 23.0	936.90	898.22	801.84	834.47
γ 24.0	905.38	865.68	766.15	801.61
γ 25.0	874.98	830.28	728.66	765.26
γ 26.0	839.49	793.19	690.55	728.43
γ 27.0	803.79	754.23	650.07	690.46
γ 28.0	765.80	714.47	610.67	650.74
γ 29.0	726.41	673.52	571.34	610.35
γ 30.0	685.96	633.12	531.26	570.78
γ 31.0	644.88	590.87	491.66	530.35
γ 32.0	604.83	550.86	452.62	490.82
γ 33.0	563.81	511.23	415.05	452.19
γ 34.0	523.08	472.40	380.18	414.76
γ 35.0	483.47	435.02	347.09	378.46
γ 36.0	445.28	399.77	315.93	345.11
γ 37.0	409.14	366.25	287.51	314.15
γ 38.0	375.33	335.37	261.35	286.01
γ 39.0	343.28	305.97	236.79	259.66
γ 40.0	313.39	278.68	214.07	236.19
γ 41.0	286.11	253.25	193.59	214.29
γ 42.0	260.48	229.79	174.51	193.99
γ 43.0	237.33	208.06	157.13	175.25
γ 44.0	215.72	188.25	141.34	158.36
γ 45.0	196.03	170.00	127.19	142.91
γ 46.0	177.84	153.37	114.50	128.97

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	161.12	138.33	102.95	116.29
γ 48.0	145.97	124.62	92.67	104.93
γ 49.0	132.13	112.22	83.36	94.46
γ 50.0	119.43	101.13	75.10	85.00
γ 51.0	107.90	91.08	67.74	76.43
γ 52.0	97.36	81.96	61.36	68.89
γ 53.0	87.87	73.82	55.20	62.16
γ 54.0	79.33	66.44	50.01	56.26
γ 55.0	71.69	59.92	45.46	50.99
γ 56.0	64.94	54.18	41.41	46.12
γ 57.0	58.94	49.08	37.90	42.41
γ 58.0	53.68	44.69	34.81	39.02
γ 59.0	48.97	40.84	32.11	36.06
γ 60.0	44.97	37.51	29.77	33.46
γ 61.0	41.38	34.58	27.66	31.14
γ 62.0	38.25	32.04	25.82	29.14
γ 63.0	35.47	29.77	24.18	27.32
γ 64.0	33.01	27.73	22.72	25.68
γ 65.0	30.78	25.89	21.40	24.23
γ 66.0	28.81	24.26	20.18	22.86
γ 67.0	26.98	22.77	19.03	21.61
γ 68.0	25.33	21.41	17.99	20.44
γ 69.0	23.80	20.13	16.99	19.33
γ 70.0	22.40	18.94	16.07	18.27
γ 71.0	21.08	17.83	15.18	17.31
γ 72.0	19.83	16.78	14.34	16.38
γ 73.0	18.67	15.78	13.16	15.48
γ 74.0	17.59	14.83	12.60	14.61
γ 75.0	16.52	13.95	12.03	13.81
γ 76.0	15.55	13.11	11.35	13.03
γ 77.0	14.61	12.30	10.65	12.29
γ 78.0	13.72	11.52	10.01	11.57
γ 79.0	12.88	10.79	9.38	10.87
γ 80.0	12.07	10.10	8.77	10.22
γ 81.0	11.28	9.43	8.13	9.55
γ 82.0	10.52	8.78	7.42	8.81
γ 83.0	9.71	8.11	6.82	8.10
γ 84.0	8.86	7.36	6.32	7.49
γ 85.0	8.11	6.74	5.93	7.02
γ 86.0	7.50	6.22	5.59	6.60
γ 87.0	7.02	5.83	5.38	6.32
γ 88.0	6.56	5.48	5.24	6.12
γ 89.0	6.27	5.26	5.12	5.97
γ 90.0	6.07	5.11	5.02	5.83
γ 91.0	5.91	4.98	4.91	5.70
γ 92.0	5.76	4.88	4.81	5.57
γ 93.0	5.61	4.77	4.73	5.46

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	5.49	4.66	4.65	5.34
γ 95.0	5.36	4.57	4.56	5.24
γ 96.0	5.24	4.47	4.49	5.14
γ 97.0	5.13	4.39	4.43	5.05
γ 98.0	5.03	4.30	4.36	4.97
γ 99.0	4.93	4.24	4.31	4.89
γ 100.0	4.84	4.17	4.25	4.83
γ 101.0	4.75	4.10	4.22	4.75
γ 102.0	4.68	4.05	4.18	4.69
γ 103.0	4.60	4.00	4.14	4.64
γ 104.0	4.53	3.95	4.12	4.59
γ 105.0	4.46	3.91	4.10	4.54
γ 106.0	4.41	3.87	4.08	4.52
γ 107.0	4.37	3.86	4.09	4.48
γ 108.0	4.32	3.84	4.08	4.47
γ 109.0	4.29	3.82	4.09	4.45
γ 110.0	4.26	3.81	4.11	4.45
γ 111.0	4.23	3.80	4.12	4.45
γ 112.0	4.23	3.82	4.15	4.45
γ 113.0	4.22	3.83	4.18	4.46
γ 114.0	4.22	3.84	4.22	4.50
γ 115.0	4.22	3.87	4.26	4.51
γ 116.0	4.24	3.88	4.32	4.55
γ 117.0	4.25	3.93	4.37	4.60
γ 118.0	4.28	3.98	4.44	4.65
γ 119.0	4.31	4.03	4.50	4.69
γ 120.0	4.36	4.07	4.57	4.74
γ 121.0	4.41	4.14	4.65	4.81
γ 122.0	4.46	4.20	4.74	4.89
γ 123.0	4.51	4.27	4.82	4.95
γ 124.0	4.58	4.34	4.91	5.03
γ 125.0	4.64	4.43	5.01	5.11
γ 126.0	4.73	4.52	5.12	5.20
γ 127.0	4.80	4.62	5.21	5.28
γ 128.0	4.89	4.71	5.31	5.39
γ 129.0	4.97	4.81	5.45	5.48
γ 130.0	5.05	4.91	5.55	5.58
γ 131.0	5.16	5.02	5.66	5.68
γ 132.0	5.26	5.12	5.78	5.79
γ 133.0	5.36	5.22	5.91	5.90
γ 134.0	5.46	5.34	6.02	6.01
γ 135.0	5.57	5.47	6.14	6.12
γ 136.0	5.69	5.58	6.26	6.23
γ 137.0	5.79	5.69	6.37	6.34
γ 138.0	5.91	5.82	6.50	6.45
γ 139.0	6.03	5.94	6.61	6.56
γ 140.0	6.14	6.06	6.74	6.68

IES Indoor Report

Photometric Filename:MD10-13-XX-03 4000K RA90 60D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	6.24	6.18	6.87	6.78
γ 142.0	6.36	6.29	6.99	6.90
γ 143.0	6.49	6.41	7.10	7.01
γ 144.0	6.61	6.53	7.22	7.12
γ 145.0	6.71	6.64	7.33	7.23
γ 146.0	6.83	6.77	7.45	7.34
γ 147.0	6.96	6.90	7.57	7.45
γ 148.0	7.08	7.01	7.68	7.57
γ 149.0	7.19	7.13	7.79	7.68
γ 150.0	7.30	7.25	7.90	7.78
γ 151.0	7.42	7.37	8.00	7.88
γ 152.0	7.54	7.48	8.11	7.98
γ 153.0	7.66	7.60	8.22	8.08
γ 154.0	7.78	7.72	8.31	8.18
γ 155.0	7.88	7.83	8.40	8.27
γ 156.0	8.00	7.93	8.52	8.37
γ 157.0	8.10	8.05	8.61	8.46
γ 158.0	8.20	8.15	8.70	8.55
γ 159.0	8.31	8.27	8.79	8.64
γ 160.0	8.42	8.37	8.88	8.74
γ 161.0	8.52	8.47	8.97	8.82
γ 162.0	8.63	8.57	9.06	8.92
γ 163.0	8.73	8.69	9.15	9.01
γ 164.0	8.83	8.78	9.23	9.10
γ 165.0	8.93	8.88	9.31	9.19
γ 166.0	9.03	8.97	9.41	9.26
γ 167.0	9.13	9.06	9.48	9.35
γ 168.0	9.23	9.16	9.56	9.44
γ 169.0	9.33	9.24	9.63	9.50
γ 170.0	9.41	9.31	9.71	9.59
γ 171.0	9.50	9.40	9.77	9.65
γ 172.0	9.59	9.46	9.83	9.70
γ 173.0	9.68	9.55	9.88	9.75
γ 174.0	9.74	9.62	9.93	9.80
γ 175.0	9.82	9.68	9.96	9.85
γ 176.0	9.87	9.74	9.99	9.89
γ 177.0	9.93	9.79	10.02	9.92
γ 178.0	9.98	9.83	10.03	9.94
γ 179.0	10.02	9.85	10.04	9.94
γ 180.0	9.99	9.99	9.99	9.99