

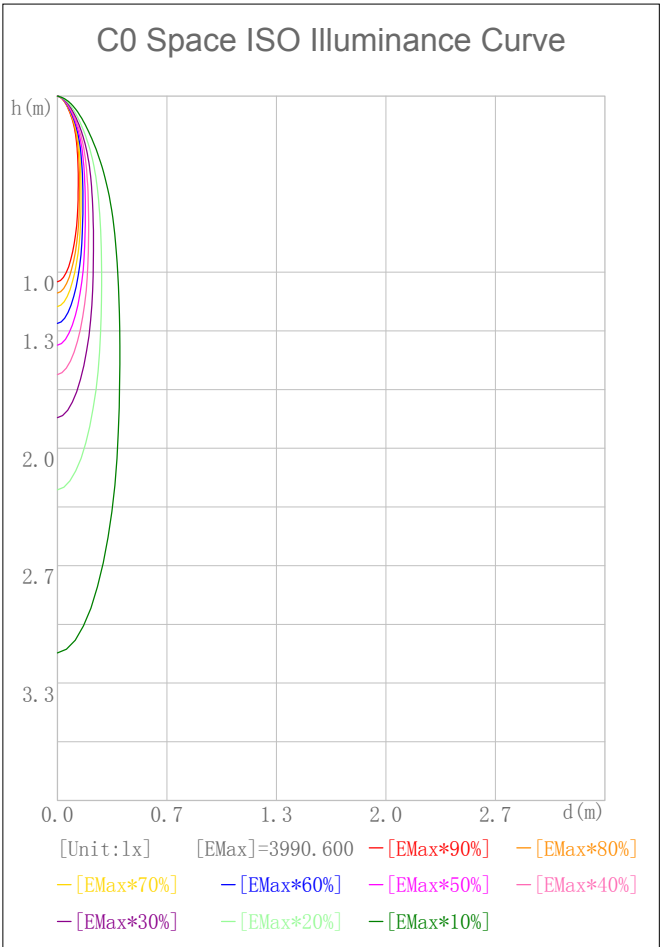
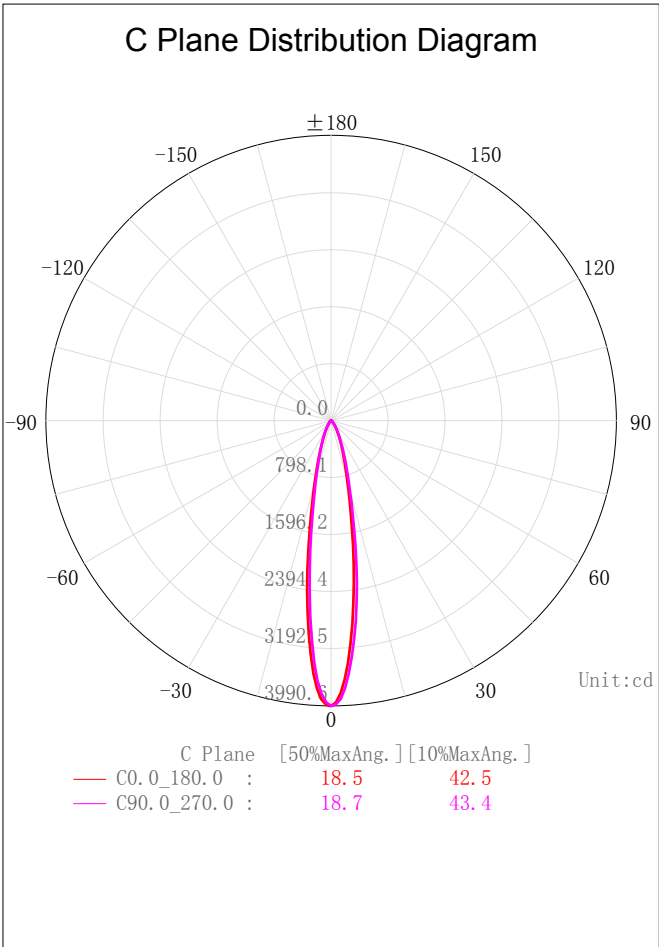
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-09-XX-03 2700K RA90 15D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/12/16
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*0.050m		Lum. Area (m2):0.005	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

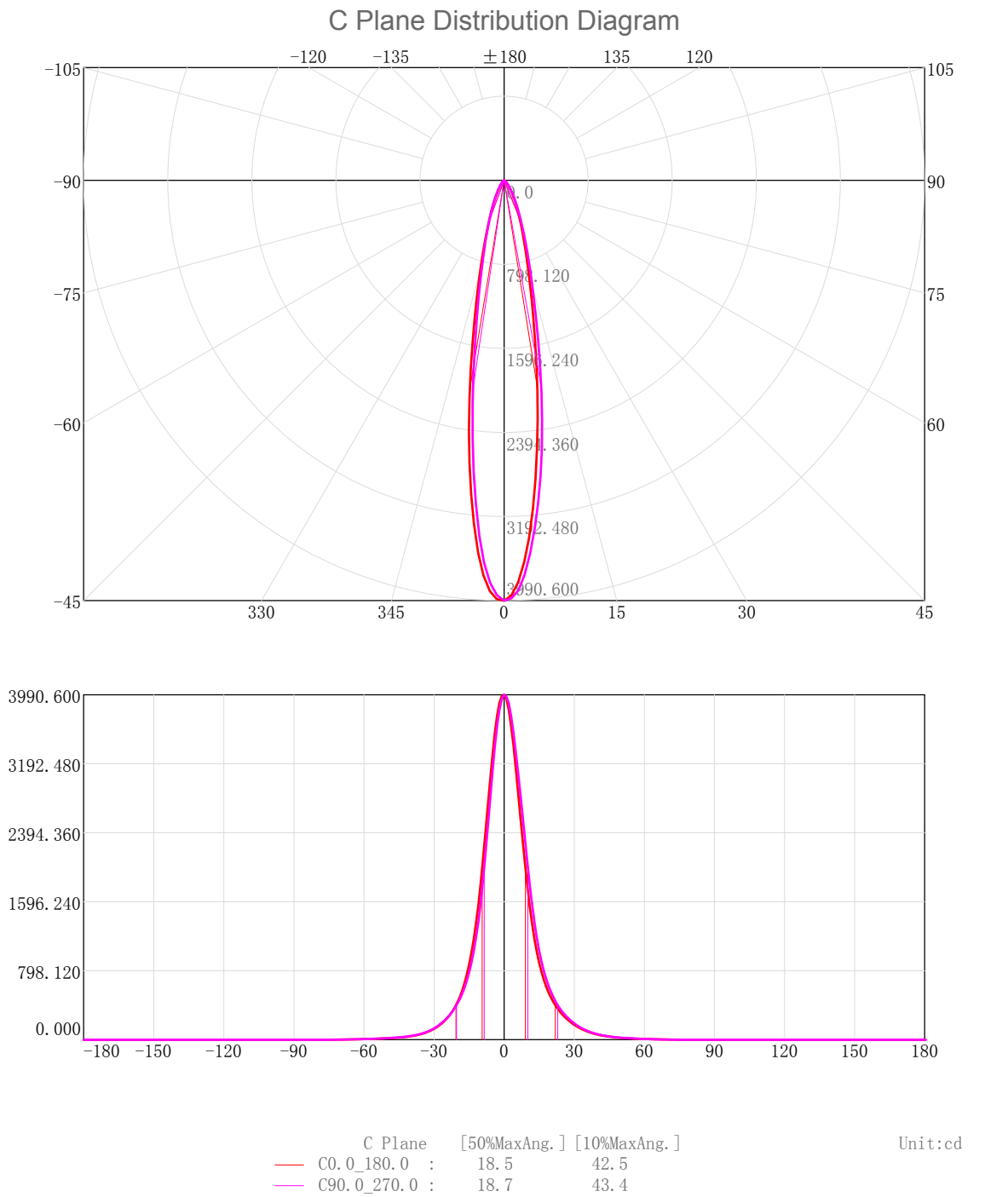
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 744.330	Luminary Flux(lm): 744.332	Field Angle(10%Imax): 42.5(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 744.332lm 100.00%	
Rated Voltage(V):	Luminary EER(lm/W): 80.355	Up Lumens&Percent: 0.000lm 0.00%	
Tested Power(W): 9.263	Max. Candela(cd): 3990.600	S/MH: C0_a180=0.316 C90_270=0.319	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.3, 0.041, 0.928	Beam Angle(50%Imax): 18.5(°)	ErP Φ use(90°): 726.591lm	
Lamp Size (W*L*H):0.050m*0.050m*0.050m	Left=-9.4°, Right=9.1°	IRF(%): 1100.932	



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-09-XX-03 2700K RA90 15D	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: 2019/12/16



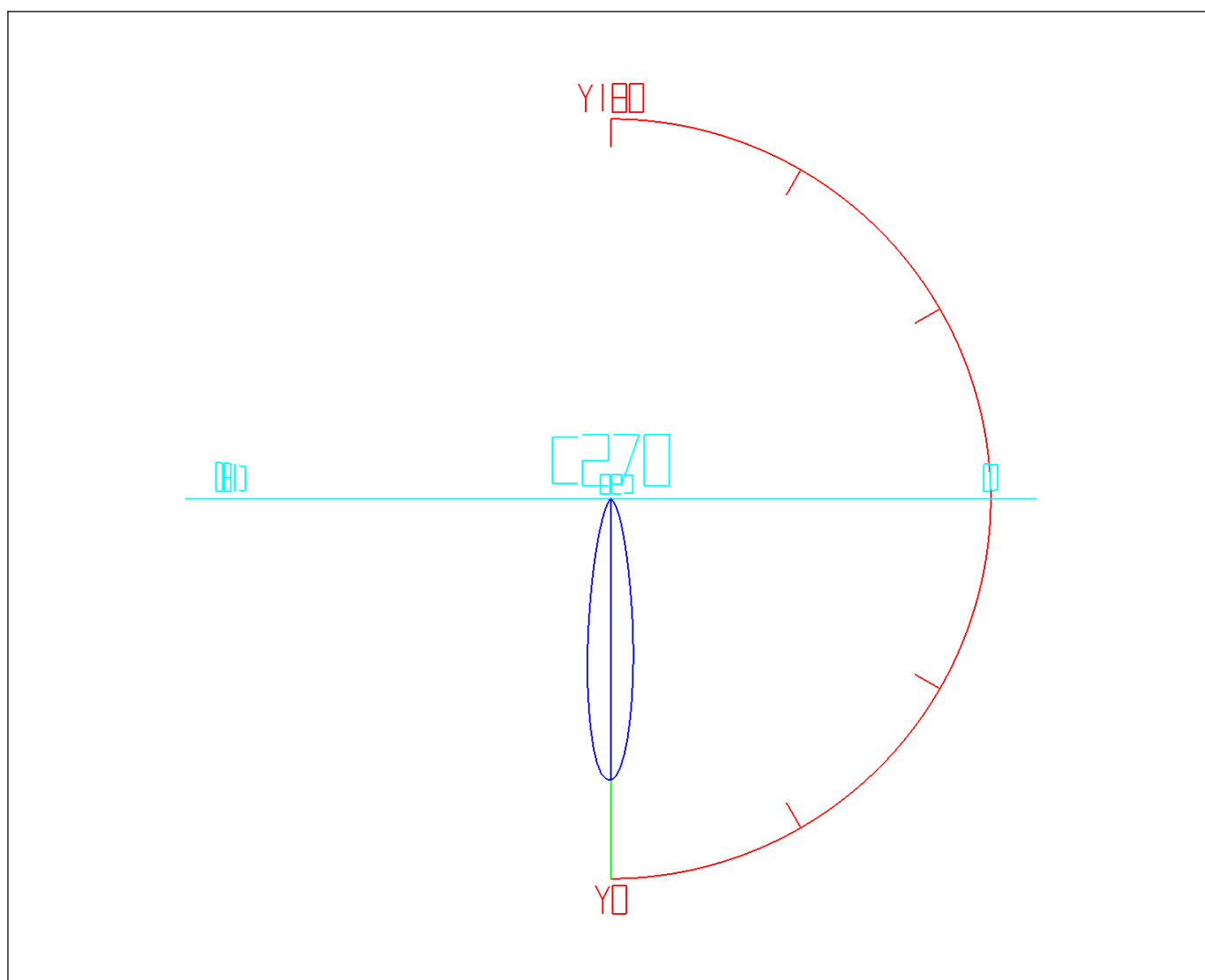
IES Indoor Report

Photometric Filename:MD10-09-XX-03 2700K RA90 15D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-09-XX-03 2700K RA90 15D	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: 2019/12/16

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

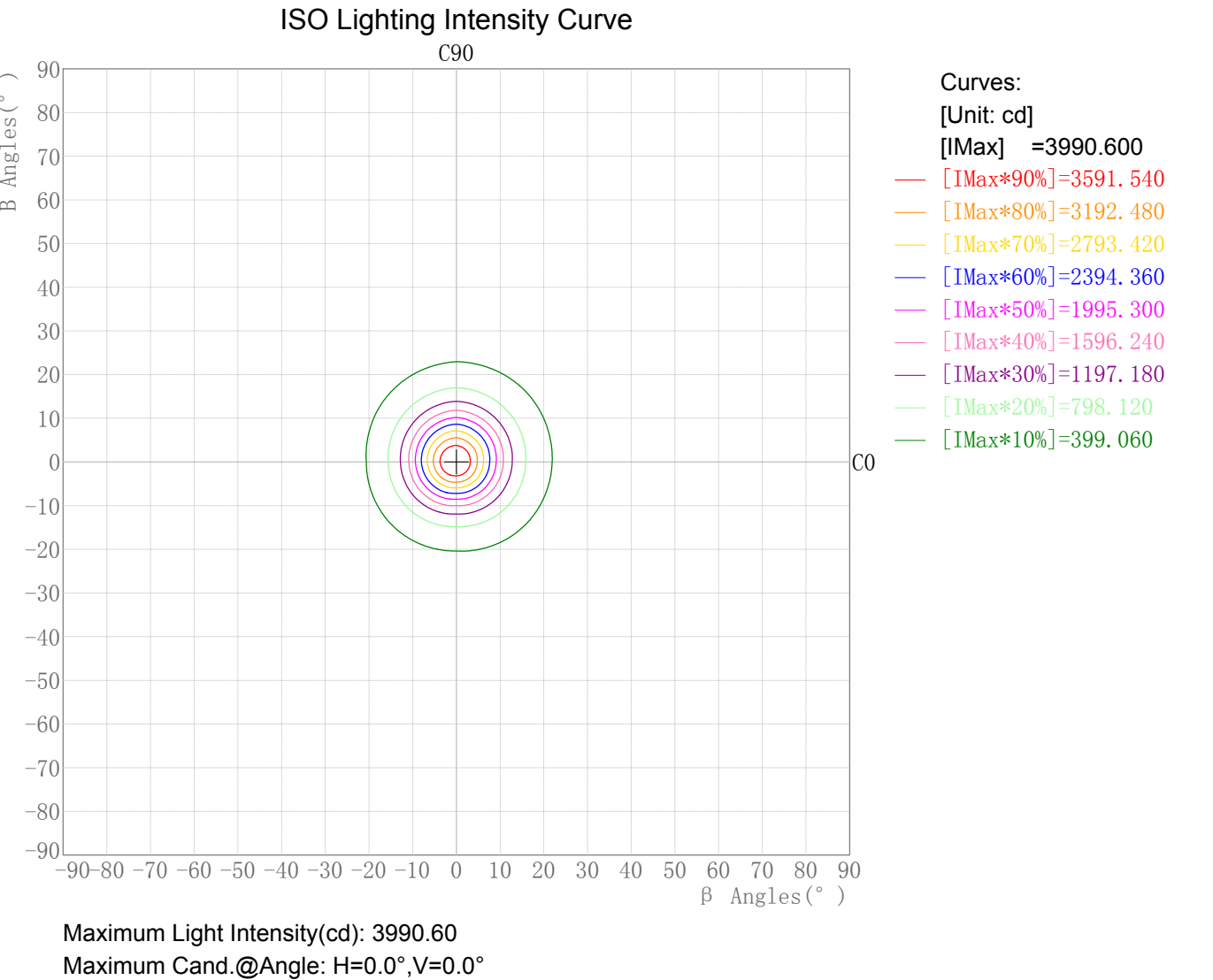
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	3.80	3.80	0.51	0.51	47.0-48.0	2.06	722.89	0.28	97.12
1.0-2.0	11.22	15.02	1.51	2.02	48.0-49.0	1.91	724.81	0.26	97.38
2.0-3.0	18.06	33.08	2.43	4.44	49.0-50.0	1.78	726.59	0.24	97.62
3.0-4.0	23.96	57.04	3.22	7.66	50.0-51.0	1.66	728.24	0.22	97.84
4.0-5.0	28.69	85.73	3.85	11.52	51.0-52.0	1.54	729.78	0.21	98.05
5.0-6.0	32.19	117.92	4.32	15.84	52.0-53.0	1.43	731.21	0.19	98.24
6.0-7.0	34.51	152.43	4.64	20.48	53.0-54.0	1.33	732.54	0.18	98.42
7.0-8.0	35.70	188.13	4.80	25.27	54.0-55.0	1.24	733.78	0.17	98.58
8.0-9.0	35.86	223.98	4.82	30.09	55.0-56.0	1.15	734.93	0.15	98.74
9.0-10.0	35.12	259.10	4.72	34.81	56.0-57.0	1.06	735.99	0.14	98.88
10.0-11.0	33.71	292.82	4.53	39.34	57.0-58.0	0.98	736.98	0.13	99.01
11.0-12.0	31.93	324.75	4.29	43.63	58.0-59.0	0.91	737.88	0.12	99.13
12.0-13.0	30.01	354.76	4.03	47.66	59.0-60.0	0.84	738.72	0.11	99.25
13.0-14.0	28.09	382.85	3.77	51.44	60.0-61.0	0.77	739.49	0.10	99.35
14.0-15.0	26.23	409.08	3.52	54.96	61.0-62.0	0.70	740.18	0.09	99.44
15.0-16.0	24.49	433.57	3.29	58.25	62.0-63.0	0.63	740.82	0.09	99.53
16.0-17.0	22.84	456.41	3.07	61.32	63.0-64.0	0.57	741.39	0.08	99.61
17.0-18.0	21.28	477.69	2.86	64.18	64.0-65.0	0.52	741.91	0.07	99.67
18.0-19.0	19.83	497.52	2.66	66.84	65.0-66.0	0.46	742.37	0.06	99.74
19.0-20.0	18.47	515.99	2.48	69.32	66.0-67.0	0.41	742.78	0.05	99.79
20.0-21.0	17.20	533.19	2.31	71.63	67.0-68.0	0.36	743.13	0.05	99.84
21.0-22.0	16.03	549.23	2.15	73.79	68.0-69.0	0.31	743.44	0.04	99.88
22.0-23.0	14.95	564.17	2.01	75.80	69.0-70.0	0.26	743.70	0.03	99.92
23.0-24.0	13.94	578.11	1.87	77.67	70.0-71.0	0.21	743.91	0.03	99.94
24.0-25.0	13.00	591.11	1.75	79.41	71.0-72.0	0.17	744.08	0.02	99.97
25.0-26.0	12.09	603.20	1.62	81.04	72.0-73.0	0.12	744.20	0.02	99.98
26.0-27.0	11.23	614.43	1.51	82.55	73.0-74.0	0.08	744.27	0.01	99.99
27.0-28.0	10.41	624.85	1.40	83.95	74.0-75.0	0.04	744.31	0.01	100.00
28.0-29.0	9.64	634.48	1.29	85.24	75.0-76.0	0.01	744.33	0.00	100.00
29.0-30.0	8.90	643.39	1.20	86.44	76.0-77.0	0.00	744.33	0.00	100.00
30.0-31.0	8.21	651.59	1.10	87.54	77.0-78.0	0.00	744.33	0.00	100.00
31.0-32.0	7.55	659.14	1.01	88.56	78.0-79.0	0.00	744.33	0.00	100.00
32.0-33.0	6.94	666.08	0.93	89.49	79.0-80.0	0.00	744.33	0.00	100.00
33.0-34.0	6.37	672.45	0.86	90.34	80.0-81.0	0.00	744.33	0.00	100.00
34.0-35.0	5.85	678.30	0.79	91.13	81.0-82.0	0.00	744.33	0.00	100.00
35.0-36.0	5.36	683.66	0.72	91.85	82.0-83.0	0.00	744.33	0.00	100.00
36.0-37.0	4.93	688.59	0.66	92.51	83.0-84.0	0.00	744.33	0.00	100.00
37.0-38.0	4.53	693.12	0.61	93.12	84.0-85.0	0.00	744.33	0.00	100.00
38.0-39.0	4.16	697.28	0.56	93.68	85.0-86.0	0.00	744.33	0.00	100.00
39.0-40.0	3.82	701.10	0.51	94.19	86.0-87.0	0.00	744.33	0.00	100.00
40.0-41.0	3.52	704.63	0.47	94.67	87.0-88.0	0.00	744.33	0.00	100.00
41.0-42.0	3.25	707.88	0.44	95.10	88.0-89.0	0.00	744.33	0.00	100.00
42.0-43.0	3.01	710.89	0.40	95.51	89.0-90.0	0.00	744.33	0.00	100.00
43.0-44.0	2.78	713.67	0.37	95.88	90.0-91.0	0.00	744.33	0.00	100.00
44.0-45.0	2.57	716.24	0.35	96.23	91.0-92.0	0.00	744.33	0.00	100.00
45.0-46.0	2.39	718.63	0.32	96.55	92.0-93.0	0.00	744.33	0.00	100.00
46.0-47.0	2.21	720.84	0.30	96.84	93.0-94.0	0.00	744.33	0.00	100.00

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. 00	744. 33	0. 00	100. 00	141. 0-142. 0	0. 00	744. 33	0. 00	100. 00
95. 0-96. 0	0. 00	744. 33	0. 00	100. 00	142. 0-143. 0	0. 00	744. 33	0. 00	100. 00
96. 0-97. 0	0. 00	744. 33	0. 00	100. 00	143. 0-144. 0	0. 00	744. 33	0. 00	100. 00
97. 0-98. 0	0. 00	744. 33	0. 00	100. 00	144. 0-145. 0	0. 00	744. 33	0. 00	100. 00
98. 0-99. 0	0. 00	744. 33	0. 00	100. 00	145. 0-146. 0	0. 00	744. 33	0. 00	100. 00
99. 0-100. 0	0. 00	744. 33	0. 00	100. 00	146. 0-147. 0	0. 00	744. 33	0. 00	100. 00
100. 0-101. 0	0. 00	744. 33	0. 00	100. 00	147. 0-148. 0	0. 00	744. 33	0. 00	100. 00
101. 0-102. 0	0. 00	744. 33	0. 00	100. 00	148. 0-149. 0	0. 00	744. 33	0. 00	100. 00
102. 0-103. 0	0. 00	744. 33	0. 00	100. 00	149. 0-150. 0	0. 00	744. 33	0. 00	100. 00
103. 0-104. 0	0. 00	744. 33	0. 00	100. 00	150. 0-151. 0	0. 00	744. 33	0. 00	100. 00
104. 0-105. 0	0. 00	744. 33	0. 00	100. 00	151. 0-152. 0	0. 00	744. 33	0. 00	100. 00
105. 0-106. 0	0. 00	744. 33	0. 00	100. 00	152. 0-153. 0	0. 00	744. 33	0. 00	100. 00
106. 0-107. 0	0. 00	744. 33	0. 00	100. 00	153. 0-154. 0	0. 00	744. 33	0. 00	100. 00
107. 0-108. 0	0. 00	744. 33	0. 00	100. 00	154. 0-155. 0	0. 00	744. 33	0. 00	100. 00
108. 0-109. 0	0. 00	744. 33	0. 00	100. 00	155. 0-156. 0	0. 00	744. 33	0. 00	100. 00
109. 0-110. 0	0. 00	744. 33	0. 00	100. 00	156. 0-157. 0	0. 00	744. 33	0. 00	100. 00
110. 0-111. 0	0. 00	744. 33	0. 00	100. 00	157. 0-158. 0	0. 00	744. 33	0. 00	100. 00
111. 0-112. 0	0. 00	744. 33	0. 00	100. 00	158. 0-159. 0	0. 00	744. 33	0. 00	100. 00
112. 0-113. 0	0. 00	744. 33	0. 00	100. 00	159. 0-160. 0	0. 00	744. 33	0. 00	100. 00
113. 0-114. 0	0. 00	744. 33	0. 00	100. 00	160. 0-161. 0	0. 00	744. 33	0. 00	100. 00
114. 0-115. 0	0. 00	744. 33	0. 00	100. 00	161. 0-162. 0	0. 00	744. 33	0. 00	100. 00
115. 0-116. 0	0. 00	744. 33	0. 00	100. 00	162. 0-163. 0	0. 00	744. 33	0. 00	100. 00
116. 0-117. 0	0. 00	744. 33	0. 00	100. 00	163. 0-164. 0	0. 00	744. 33	0. 00	100. 00
117. 0-118. 0	0. 00	744. 33	0. 00	100. 00	164. 0-165. 0	0. 00	744. 33	0. 00	100. 00
118. 0-119. 0	0. 00	744. 33	0. 00	100. 00	165. 0-166. 0	0. 00	744. 33	0. 00	100. 00
119. 0-120. 0	0. 00	744. 33	0. 00	100. 00	166. 0-167. 0	0. 00	744. 33	0. 00	100. 00
120. 0-121. 0	0. 00	744. 33	0. 00	100. 00	167. 0-168. 0	0. 00	744. 33	0. 00	100. 00
121. 0-122. 0	0. 00	744. 33	0. 00	100. 00	168. 0-169. 0	0. 00	744. 33	0. 00	100. 00
122. 0-123. 0	0. 00	744. 33	0. 00	100. 00	169. 0-170. 0	0. 00	744. 33	0. 00	100. 00
123. 0-124. 0	0. 00	744. 33	0. 00	100. 00	170. 0-171. 0	0. 00	744. 33	0. 00	100. 00
124. 0-125. 0	0. 00	744. 33	0. 00	100. 00	171. 0-172. 0	0. 00	744. 33	0. 00	100. 00
125. 0-126. 0	0. 00	744. 33	0. 00	100. 00	172. 0-173. 0	0. 00	744. 33	0. 00	100. 00
126. 0-127. 0	0. 00	744. 33	0. 00	100. 00	173. 0-174. 0	0. 00	744. 33	0. 00	100. 00
127. 0-128. 0	0. 00	744. 33	0. 00	100. 00	174. 0-175. 0	0. 00	744. 33	0. 00	100. 00
128. 0-129. 0	0. 00	744. 33	0. 00	100. 00	175. 0-176. 0	0. 00	744. 33	0. 00	100. 00
129. 0-130. 0	0. 00	744. 33	0. 00	100. 00	176. 0-177. 0	0. 00	744. 33	0. 00	100. 00
130. 0-131. 0	0. 00	744. 33	0. 00	100. 00	177. 0-178. 0	0. 00	744. 33	0. 00	100. 00
131. 0-132. 0	0. 00	744. 33	0. 00	100. 00	178. 0-179. 0	0. 00	744. 33	0. 00	100. 00
132. 0-133. 0	0. 00	744. 33	0. 00	100. 00	179. 0-180. 0	0. 00	744. 33	0. 00	100. 00
133. 0-134. 0	0. 00	744. 33	0. 00	100. 00					
134. 0-135. 0	0. 00	744. 33	0. 00	100. 00					
135. 0-136. 0	0. 00	744. 33	0. 00	100. 00					
136. 0-137. 0	0. 00	744. 33	0. 00	100. 00					
137. 0-138. 0	0. 00	744. 33	0. 00	100. 00					
138. 0-139. 0	0. 00	744. 33	0. 00	100. 00					
139. 0-140. 0	0. 00	744. 33	0. 00	100. 00					
140. 0-141. 0	0. 00	744. 33	0. 00	100. 00					

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-09-XX-03 2700K RA90 15D	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: 2019/12/16



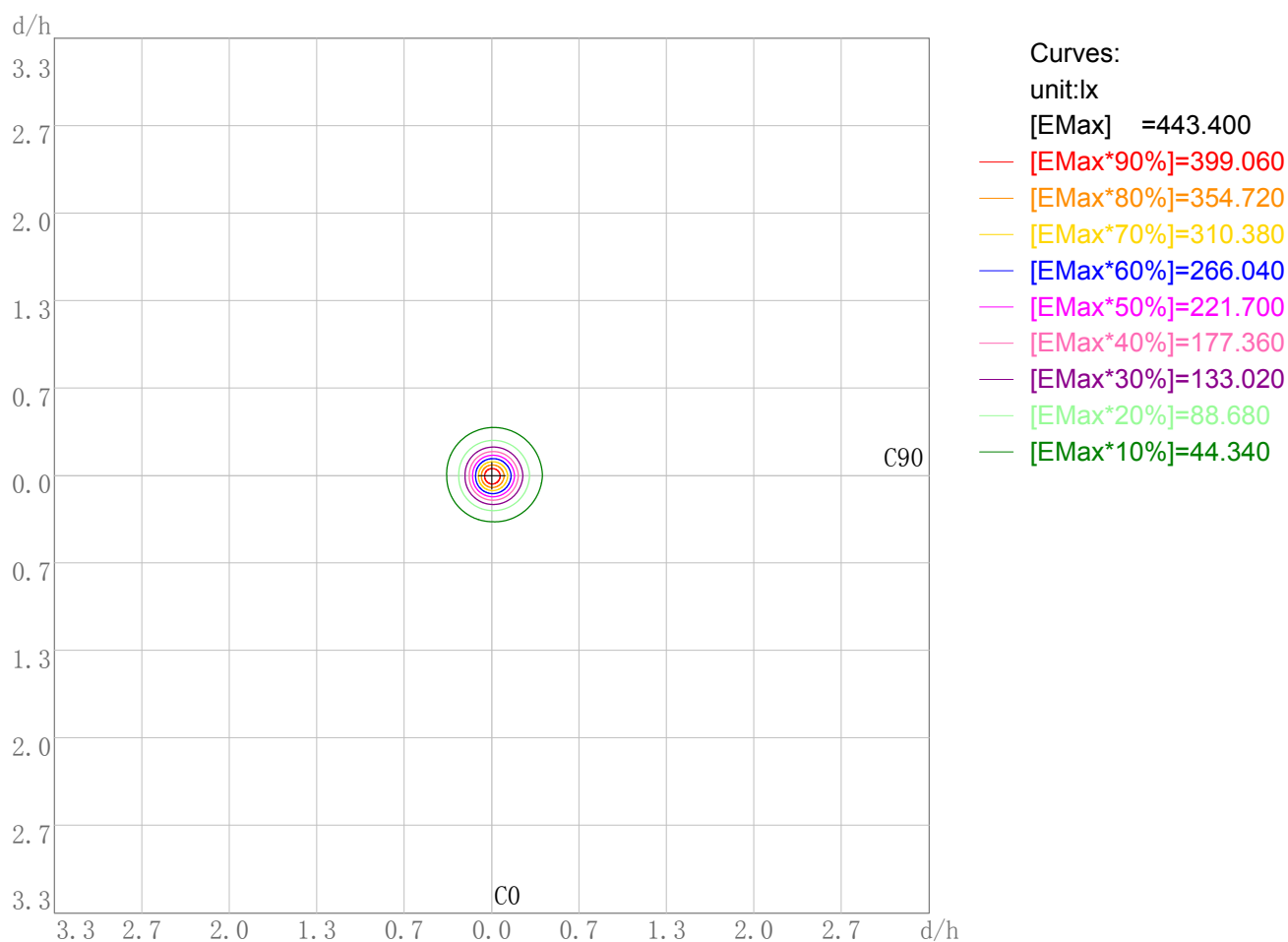
IES Indoor Report

Photometric Filename:MD10-09-XX-03 2700K RA90 15D.IES

Plane ISO-Illuminance Diagram

Lum. Name: MD10-09-XX-03 2700K RA90 15D	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: 2019/12/16

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

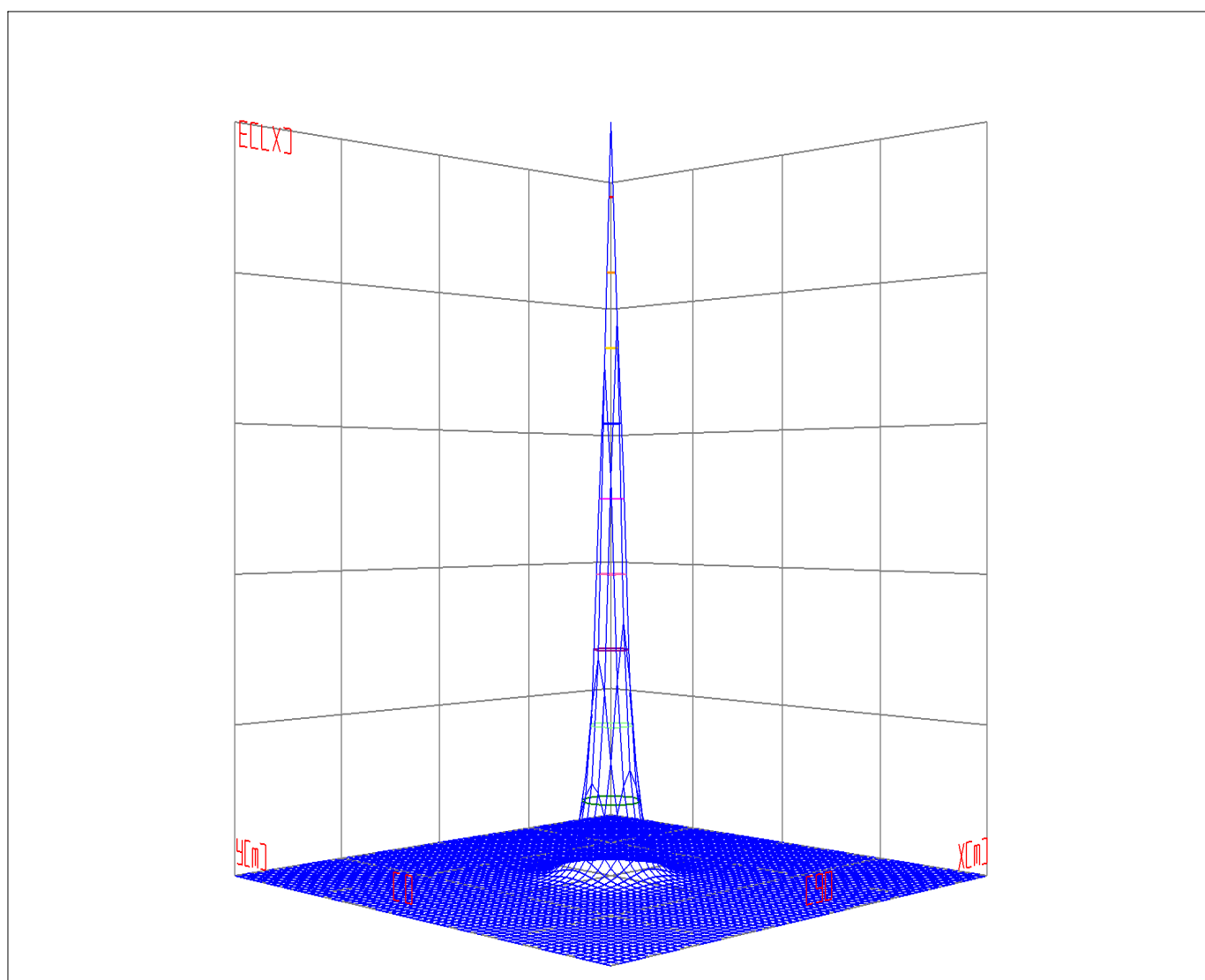
Working Plane Maximum Illuminance(lx): 443.40

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

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-09-XX-03 2700K RA90 15D	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: 2019/12/16

3D Plane Illuminance Modal

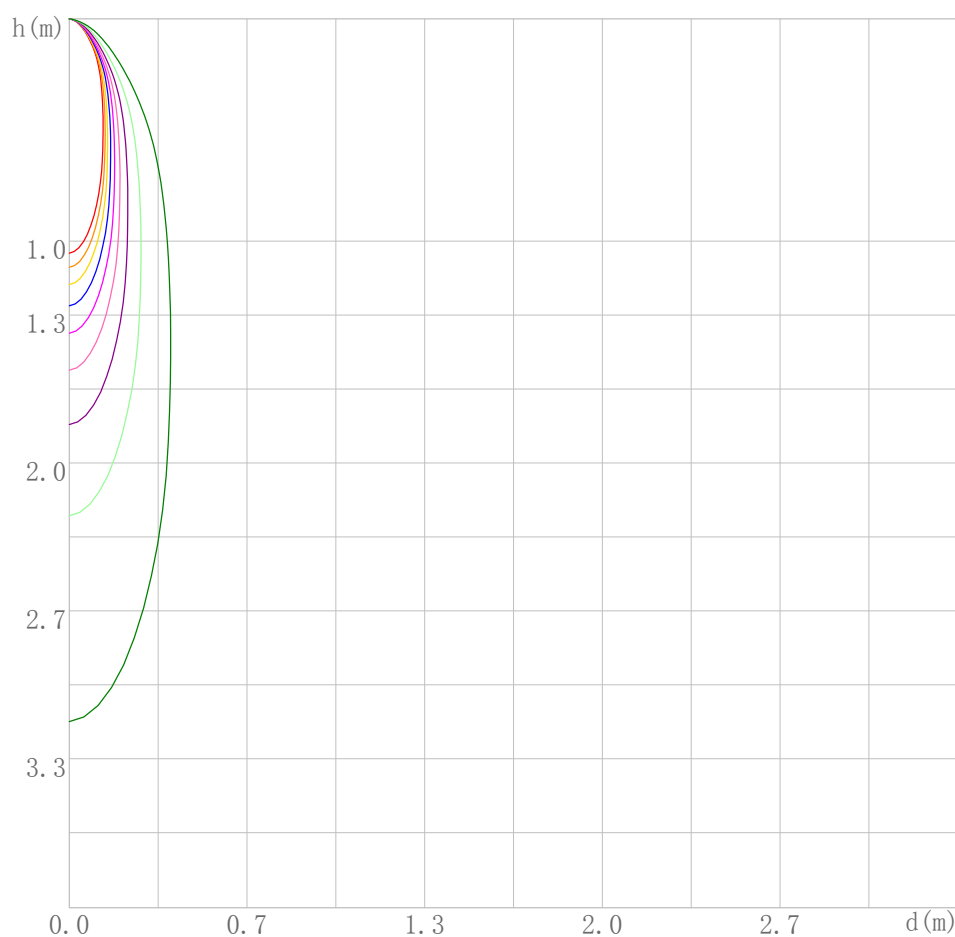


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-09-XX-03 2700K RA90 15D	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: 2019/12/16

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =3990.600

— [EMax*90%]=3591.540

— [EMax*80%]=3192.480

— [EMax*70%]=2793.420

— [EMax*60%]=2394.360

— [EMax*50%]=1995.300

— [EMax*40%]=1596.240

— [EMax*30%]=1197.180

— [EMax*20%]=798.120

— [EMax*10%]=399.060

Space Plane Maximum Illuminance and @Angle:3990.60lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:3990.600cd,0deg

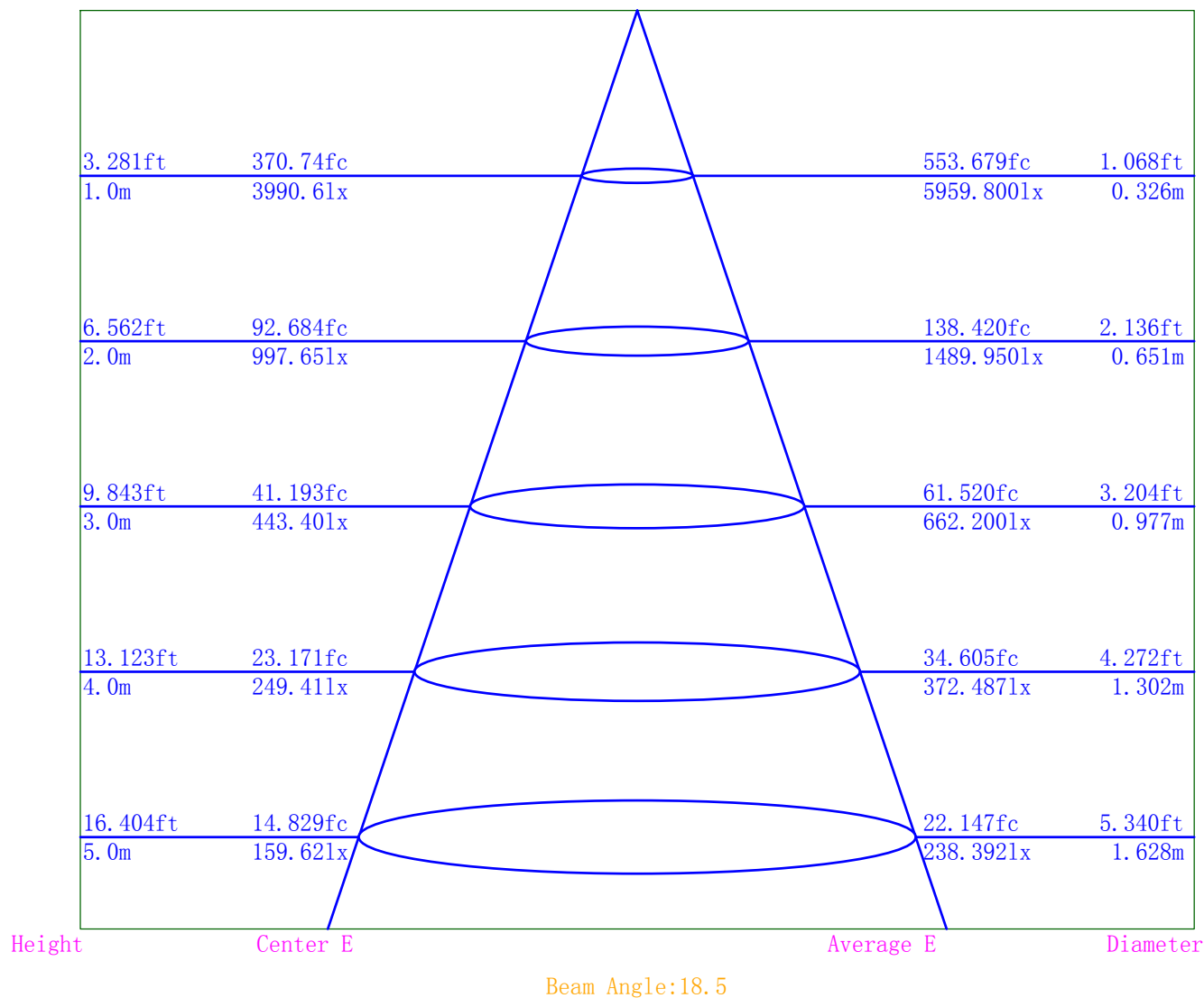
IES Indoor Report

Photometric Filename:MD10-09-XX-03 2700K RA90 15D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-09-XX-03 2700K RA90 15D	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: 2019/12/16

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-09-XX-03 2700K RA90 15D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-09-XX-03 2700K RA90 15D	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: 2019/12/16

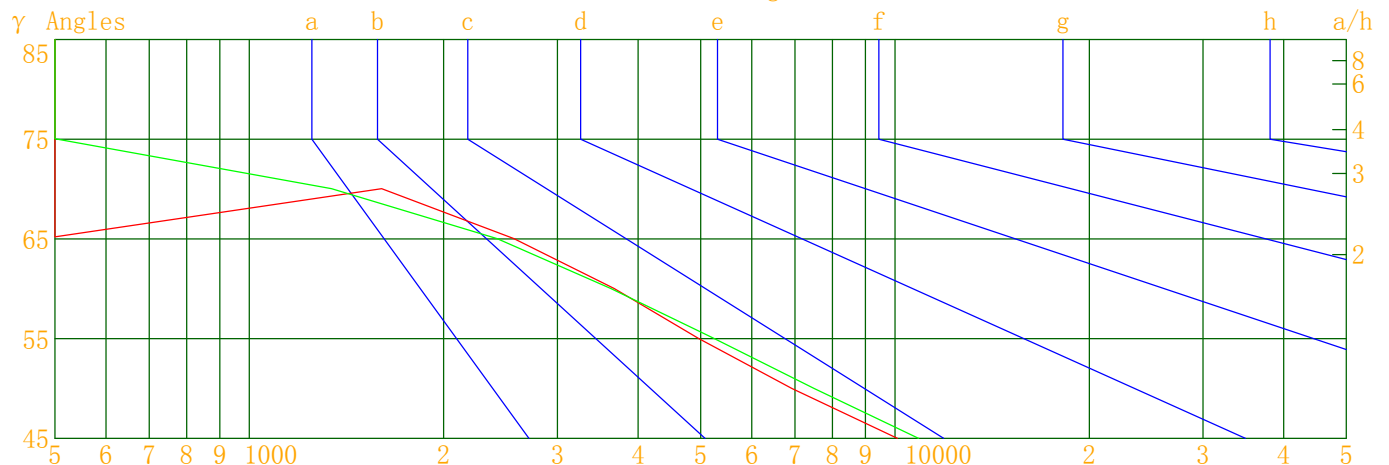
Glare Grade Table

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	10086	6921	4965	3674	2570	1603	481	0	0
C90	10877	7494	5246	3631	2420	1341	0	0	0

Luminance Limiting Curve



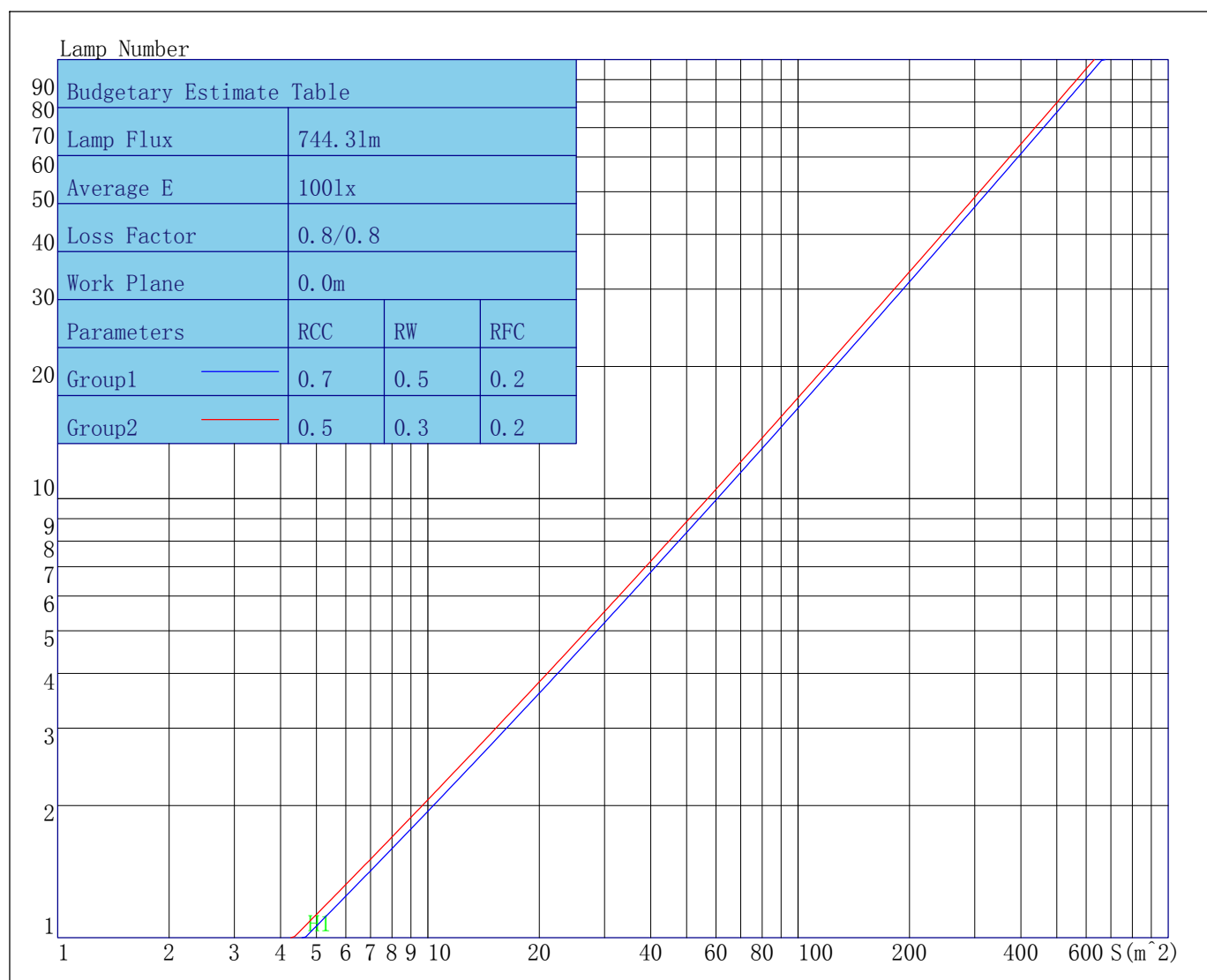
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.050 Area(m²)=0.005000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-09-XX-03 2700K RA90 15D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-09-XX-03 2700K RA90 15D	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: 2019/12/16



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: MD10-09-XX-03 2700K RA90 15D	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: 2019/12/16

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	115	112	110	108	112	110	108	107	106	105	103	103	101	100	99	98	97	96
2	110	106	103	100	108	105	102	99	102	99	97	99	97	95	96	94	93	92
3	106	101	97	94	104	100	96	93	97	94	92	95	93	90	93	91	89	88
4	103	97	92	89	101	95	91	88	93	90	87	92	89	86	90	87	85	84
5	99	92	88	85	98	92	87	84	90	86	84	88	85	83	87	84	82	81
6	96	89	84	81	94	88	84	81	87	83	80	85	82	80	84	81	79	78
7	93	86	81	78	92	85	81	78	84	80	77	83	79	77	82	79	76	75
8	90	83	78	75	89	82	78	75	81	77	74	80	77	74	79	76	74	73
9	87	80	75	72	86	79	75	72	79	75	72	78	74	72	77	74	72	71
10	85	77	73	70	84	77	73	70	76	73	70	76	72	70	75	72	70	69

Unified Glare Rating Table

Lum. Name: MD10-09-XX-03 2700K RA90 15D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: QQualty peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/16

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	14.0	14.9	14.4	15.2	15.5	14.3	15.2	14.7	15.5	15.8
	14.0	14.8	14.4	15.1	15.5	14.2	15.0	14.6	15.4	15.7
	13.9	14.6	14.3	15.0	15.4	14.1	14.9	14.5	15.2	15.6
	13.8	14.4	14.2	14.8	15.2	14.0	14.7	14.4	15.1	15.5
	13.7	14.3	14.1	14.7	15.1	13.9	14.6	14.4	15.0	15.4
	13.6	14.3	14.1	14.6	15.1	13.9	14.5	14.3	14.9	15.3
X=4H Y=2H	13.9	14.6	14.3	15.0	15.4	14.1	14.9	14.5	15.2	15.6
	13.9	14.5	14.3	14.9	15.3	14.1	14.7	14.5	15.1	15.5
	13.8	14.3	14.2	14.7	15.2	14.0	14.5	14.4	14.9	15.4
	13.7	14.1	14.1	14.6	15.0	13.9	14.3	14.3	14.7	15.2
	13.6	14.0	14.1	14.4	14.9	13.8	14.2	14.3	14.6	15.1
	13.5	13.9	14.0	14.4	14.8	13.7	14.1	14.2	14.6	15.0
X=8H Y=4H	13.6	14.0	14.1	14.5	14.9	13.8	14.2	14.3	14.7	15.1
	13.5	13.8	14.0	14.3	14.8	13.7	14.0	14.2	14.5	15.0
	13.4	13.7	13.9	14.2	14.7	13.6	13.9	14.1	14.4	14.9
	13.3	13.6	13.9	14.1	14.7	13.5	13.8	14.1	14.3	14.8
X=12H Y=4H	13.5	13.9	14.0	14.4	14.8	13.7	14.1	14.2	14.6	15.0
	13.4	13.7	13.9	14.1	14.7	13.6	13.9	14.1	14.3	14.9
	13.3	13.6	13.9	14.1	14.7	13.5	13.8	14.1	14.3	14.8
Variations with the objerver position at spacings										
S=1.0H	4.9/0.0					6.0/0.0				
S=1.5H	4.5/0.0					5.5/0.0				
S=2.0H	4.2/-15.3					4.8/-43.6				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.2					0.2				

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	3990.60	3990.60	3990.60	3990.60
γ 1.0	3940.11	3968.29	3975.11	3938.61
γ 2.0	3817.04	3894.97	3900.78	3822.63
γ 3.0	3629.76	3745.27	3754.28	3635.93
γ 4.0	3400.37	3548.34	3541.60	3381.37
γ 5.0	3131.47	3320.16	3275.49	3080.29
γ 6.0	2852.31	3083.05	2990.78	2768.40
γ 7.0	2561.79	2831.83	2697.01	2453.01
γ 8.0	2289.53	2571.61	2398.41	2147.57
γ 9.0	2021.56	2304.11	2103.68	1860.80
γ 10.0	1769.39	2041.62	1823.20	1598.80
γ 11.0	1535.66	1787.16	1568.93	1371.44
γ 12.0	1333.40	1557.30	1350.28	1180.25
γ 13.0	1159.78	1351.97	1161.65	1021.79
γ 14.0	1013.81	1176.28	1003.20	888.19
γ 15.0	890.20	1028.90	867.64	775.53
γ 16.0	785.13	904.61	752.42	680.79
γ 17.0	694.21	797.01	652.03	599.89
γ 18.0	616.86	705.91	566.43	529.73
γ 19.0	549.55	626.31	493.94	470.04
γ 20.0	491.02	556.70	432.29	417.36
γ 21.0	439.85	496.28	378.70	371.72
γ 22.0	395.33	443.52	333.67	332.11
γ 23.0	355.81	396.80	294.97	297.17
γ 24.0	321.29	356.62	261.10	266.21
γ 25.0	290.33	321.20	231.48	237.85
γ 26.0	262.33	289.16	205.28	211.83
γ 27.0	236.97	260.65	181.70	188.81
γ 28.0	214.00	234.62	160.96	167.63
γ 29.0	193.15	211.44	142.50	148.90
γ 30.0	173.86	190.30	126.39	132.31
γ 31.0	156.49	170.99	111.74	117.49
γ 32.0	140.74	153.68	98.89	104.26
γ 33.0	126.35	138.01	87.65	92.62
γ 34.0	113.46	123.64	77.81	82.62
γ 35.0	101.81	110.65	69.25	73.78
γ 36.0	91.25	99.10	61.77	66.13
γ 37.0	81.86	89.10	55.44	59.46
γ 38.0	73.45	79.83	49.78	53.82
γ 39.0	65.87	71.50	44.69	48.56
γ 40.0	59.26	64.12	40.56	44.08
γ 41.0	53.36	57.75	36.65	40.08
γ 42.0	48.10	52.07	33.34	36.67
γ 43.0	43.45	47.02	30.43	33.49
γ 44.0	39.19	42.53	27.89	30.64
γ 45.0	35.66	38.46	25.54	28.01
γ 46.0	32.36	34.91	23.48	25.68

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	29.31	31.64	21.62	23.64
γ 48.0	26.75	28.75	19.85	21.78
γ 49.0	24.37	26.29	18.31	20.09
γ 50.0	22.24	24.09	16.88	18.43
γ 51.0	20.21	22.01	15.63	17.03
γ 52.0	18.40	20.00	14.52	15.77
γ 53.0	16.90	18.17	13.43	14.50
γ 54.0	15.53	16.56	12.28	13.45
γ 55.0	14.24	15.05	11.30	12.38
γ 56.0	13.10	13.58	10.37	11.54
γ 57.0	12.04	12.35	9.60	10.52
γ 58.0	11.02	11.18	8.69	9.74
γ 59.0	10.07	10.10	7.94	8.94
γ 60.0	9.19	9.08	7.26	8.20
γ 61.0	8.30	8.07	6.51	7.55
γ 62.0	7.48	7.32	5.83	6.83
γ 63.0	6.76	6.50	5.26	6.19
γ 64.0	6.07	5.75	4.66	5.57
γ 65.0	5.43	5.11	4.12	5.03
γ 66.0	4.82	4.51	3.57	4.45
γ 67.0	4.28	3.94	3.00	3.88
γ 68.0	3.81	3.35	2.57	3.37
γ 69.0	3.18	2.73	2.07	2.90
γ 70.0	2.74	2.29	1.66	2.48
γ 71.0	2.24	1.72	1.21	2.06
γ 72.0	1.84	1.26	0.89	1.56
γ 73.0	1.41	0.81	0.41	1.12
γ 74.0	1.01	0.43	0.00	0.67
γ 75.0	0.62	0.00	0.00	0.27
γ 76.0	0.24	0.00	0.00	0.00
γ 77.0	0.00	0.00	0.00	0.00
γ 78.0	0.00	0.00	0.00	0.00
γ 79.0	0.00	0.00	0.00	0.00
γ 80.0	0.00	0.00	0.00	0.00
γ 81.0	0.00	0.00	0.00	0.00
γ 82.0	0.00	0.00	0.00	0.00
γ 83.0	0.00	0.00	0.00	0.00
γ 84.0	0.00	0.00	0.00	0.00
γ 85.0	0.00	0.00	0.00	0.00
γ 86.0	0.00	0.00	0.00	0.00
γ 87.0	0.00	0.00	0.00	0.00
γ 88.0	0.00	0.00	0.00	0.00
γ 89.0	0.00	0.00	0.00	0.00
γ 90.0	0.00	0.00	0.00	0.00
γ 91.0	0.00	0.00	0.00	0.00
γ 92.0	0.00	0.00	0.00	0.00
γ 93.0	0.00	0.00	0.00	0.00

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00
γ 96.0	0.00	0.00	0.00	0.00
γ 97.0	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00
γ 133.0	0.00	0.00	0.00	0.00
γ 134.0	0.00	0.00	0.00	0.00
γ 135.0	0.00	0.00	0.00	0.00
γ 136.0	0.00	0.00	0.00	0.00
γ 137.0	0.00	0.00	0.00	0.00
γ 138.0	0.00	0.00	0.00	0.00
γ 139.0	0.00	0.00	0.00	0.00
γ 140.0	0.00	0.00	0.00	0.00

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.00	0.00	0.00	0.00
γ 142.0	0.00	0.00	0.00	0.00
γ 143.0	0.00	0.00	0.00	0.00
γ 144.0	0.00	0.00	0.00	0.00
γ 145.0	0.00	0.00	0.00	0.00
γ 146.0	0.00	0.00	0.00	0.00
γ 147.0	0.00	0.00	0.00	0.00
γ 148.0	0.00	0.00	0.00	0.00
γ 149.0	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00
γ 151.0	0.00	0.00	0.00	0.00
γ 152.0	0.00	0.00	0.00	0.00
γ 153.0	0.00	0.00	0.00	0.00
γ 154.0	0.00	0.00	0.00	0.00
γ 155.0	0.00	0.00	0.00	0.00
γ 156.0	0.00	0.00	0.00	0.00
γ 157.0	0.00	0.00	0.00	0.00
γ 158.0	0.00	0.00	0.00	0.00
γ 159.0	0.00	0.00	0.00	0.00
γ 160.0	0.00	0.00	0.00	0.00
γ 161.0	0.00	0.00	0.00	0.00
γ 162.0	0.00	0.00	0.00	0.00
γ 163.0	0.00	0.00	0.00	0.00
γ 164.0	0.00	0.00	0.00	0.00
γ 165.0	0.00	0.00	0.00	0.00
γ 166.0	0.00	0.00	0.00	0.00
γ 167.0	0.00	0.00	0.00	0.00
γ 168.0	0.00	0.00	0.00	0.00
γ 169.0	0.00	0.00	0.00	0.00
γ 170.0	0.00	0.00	0.00	0.00
γ 171.0	0.00	0.00	0.00	0.00
γ 172.0	0.00	0.00	0.00	0.00
γ 173.0	0.00	0.00	0.00	0.00
γ 174.0	0.00	0.00	0.00	0.00
γ 175.0	0.00	0.00	0.00	0.00
γ 176.0	0.00	0.00	0.00	0.00
γ 177.0	0.00	0.00	0.00	0.00
γ 178.0	0.00	0.00	0.00	0.00
γ 179.0	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00