

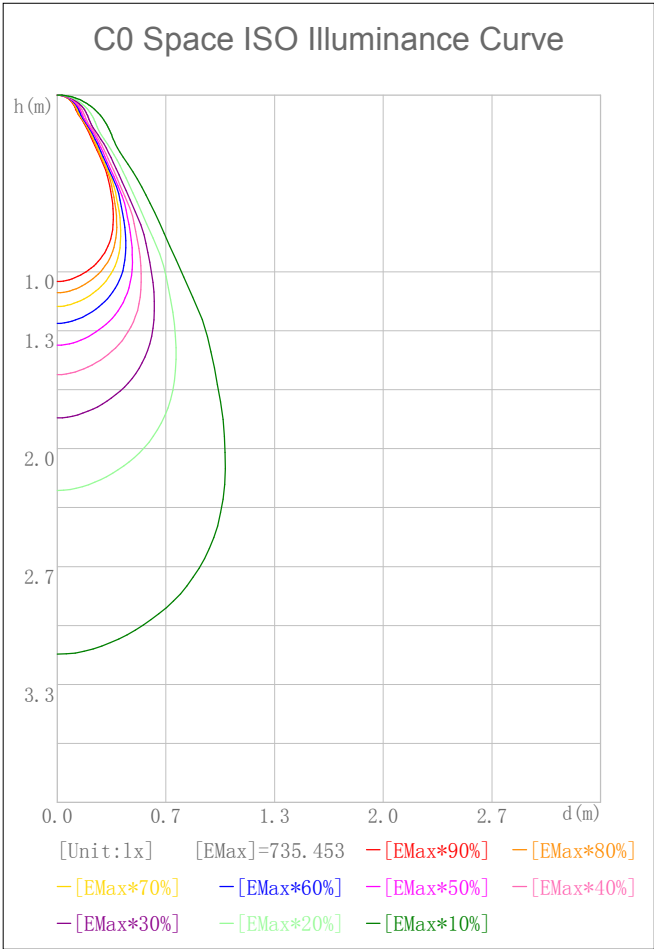
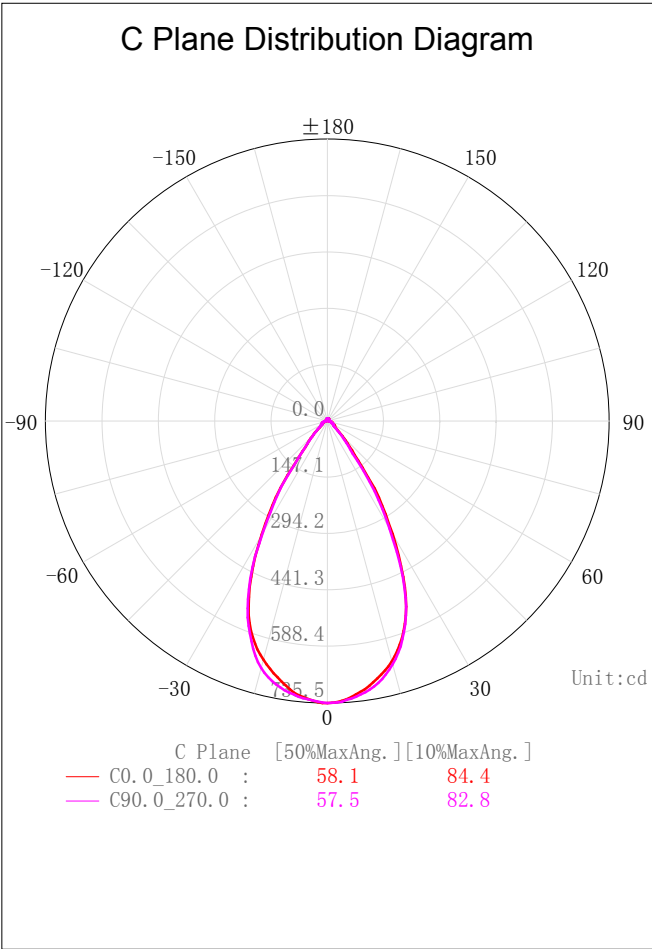
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-10-XX-01 2700K RA90 60D		Lum. Catalog:	Test ID: QIU MEI
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/09/09
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):0.050m*0.050m*0.125m		Lum.Area(m2):0.009	Lum.W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp.(°C): 25	Humidity(%): 50.0

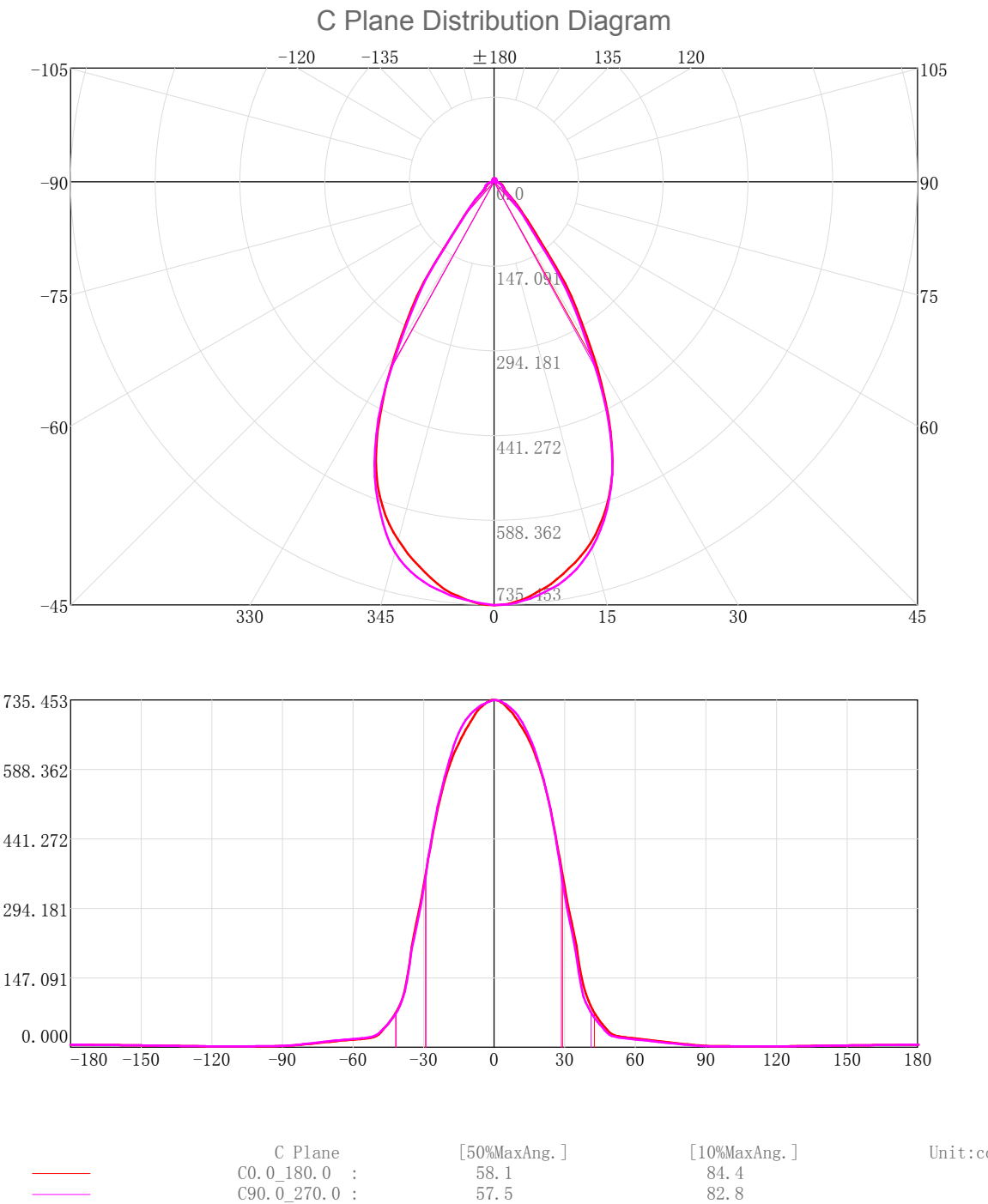
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 698.890	Luminary Flux(lm): 698.888	Field Angle(10%Imax): 84.4(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 679.713lm 97.26%	
Rated Voltage(V):	Luminary EER(lm/W): 69.541	Up Lumens&Percent: 19.174lm 2.74%	
Tested Power(W): 10.050	Max. Candela(cd): 735.453	S/MH: C0_a180=0.915 C90_270=0.917	
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=0.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):239.9, 0.045, 0.923		ErP Φuse(90°): 614.030lm	
Lamp Size(W*L*H):0.050m*0.050m*0.125m	Left=-29.1°, Right=29.1°	IRF(%): 240.271	



2D Plane Light Intensity Distribution Curve

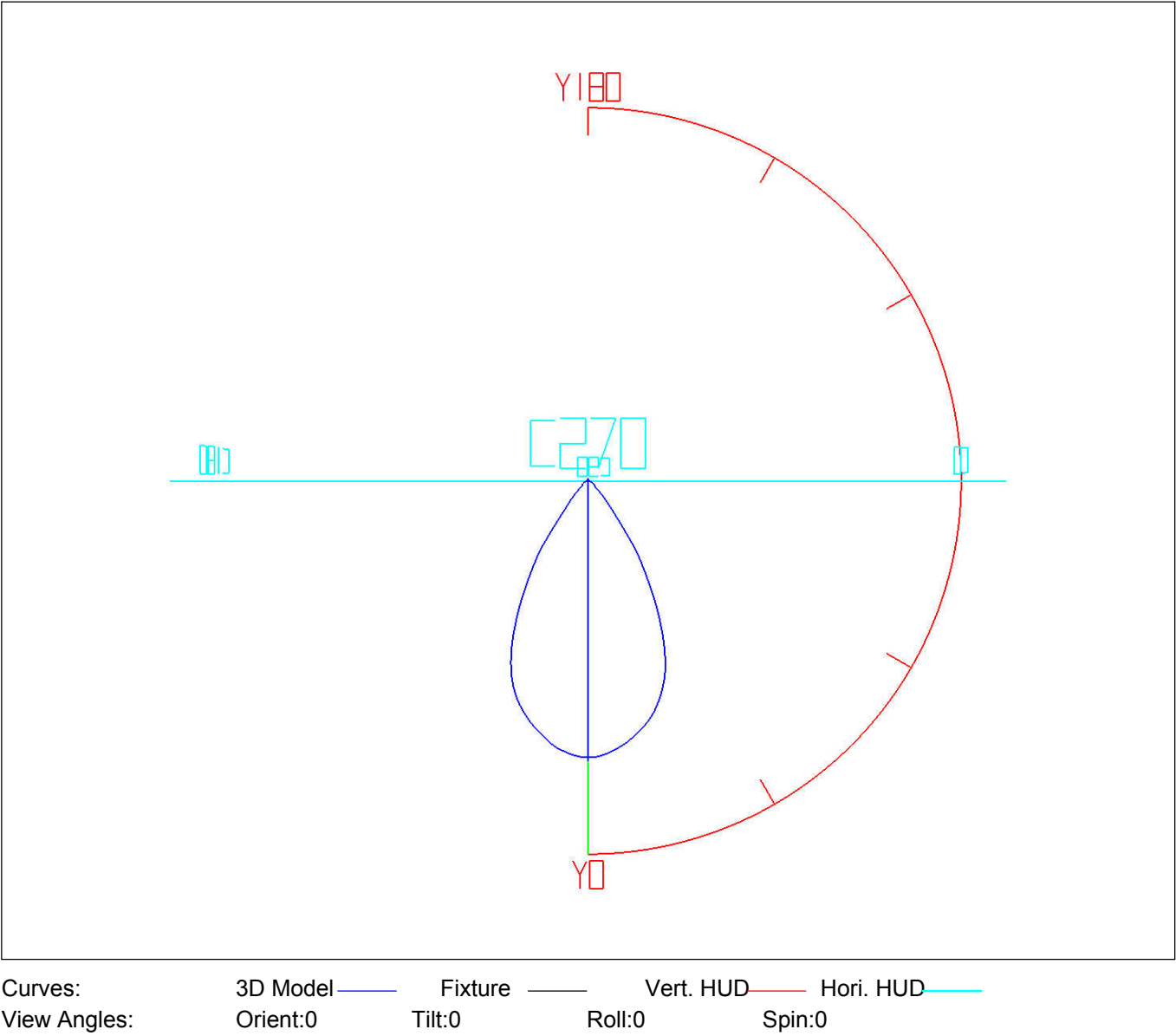
Lum. Name:TR04-10-XX-01 2700K RA90 60D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/09



3D Light Intensity Distribution Modal

Lum. Name:TR04-10-XX-01 2700K RA90 60D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/09

3D Light Intensity Distribution Modal



**Photometric Filename:TR04-10-XX-01 2700K RA90 60D.IES**

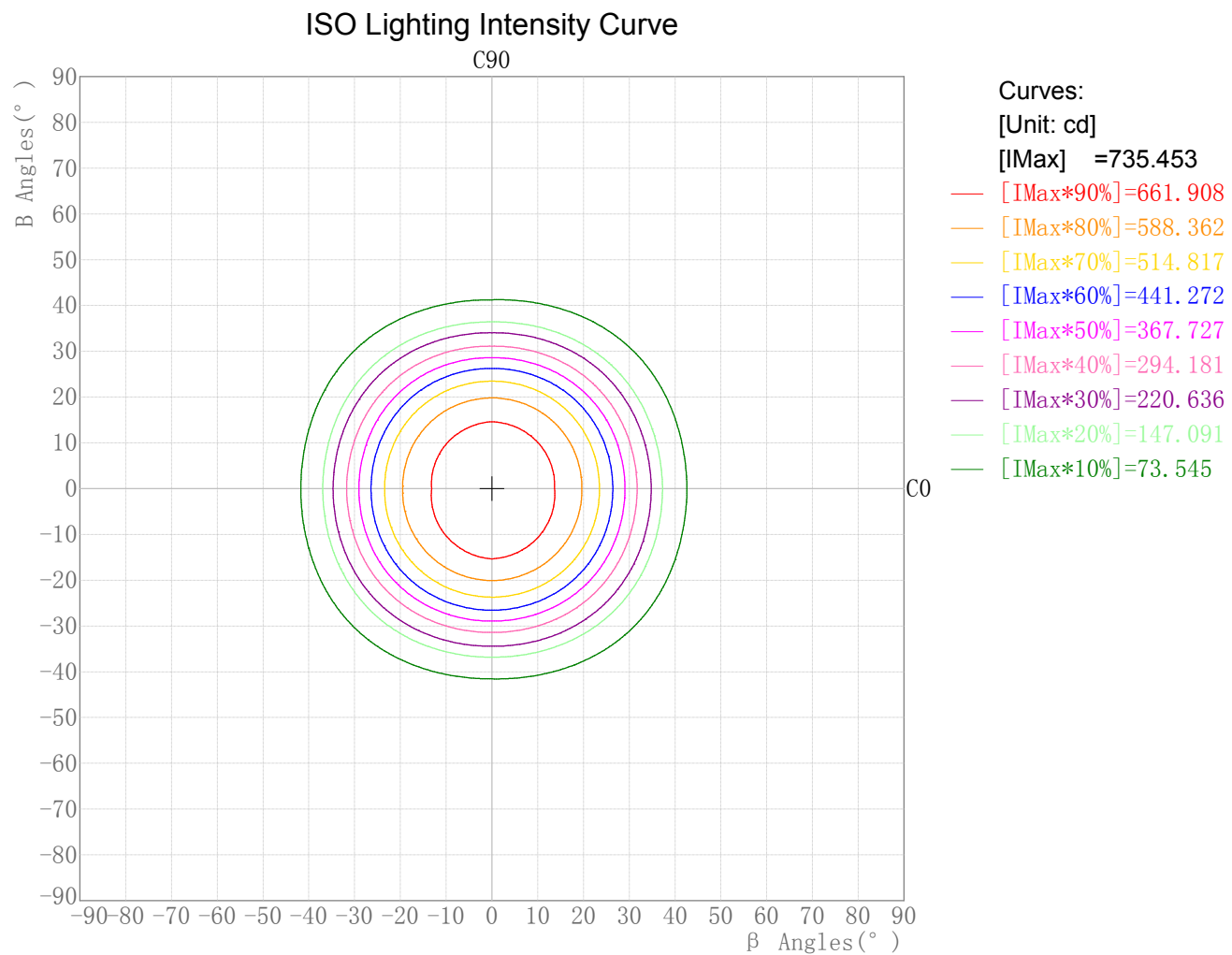
Zone (γ)	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.70	0.70	0.10	0.10	47.0-48.0	2.97	625.78	0.43	89.54
1.0-2.0	2.11	2.81	0.30	0.40	48.0-49.0	2.60	628.38	0.37	89.91
2.0-3.0	3.50	6.31	0.50	0.90	49.0-50.0	2.30	630.68	0.33	90.24
3.0-4.0	4.88	11.19	0.70	1.60	50.0-51.0	2.12	632.81	0.30	90.54
4.0-5.0	6.24	17.44	0.89	2.50	51.0-52.0	2.00	634.80	0.29	90.83
5.0-6.0	7.59	25.03	1.09	3.58	52.0-53.0	1.92	636.72	0.27	91.10
6.0-7.0	8.91	33.94	1.27	4.86	53.0-54.0	1.86	638.58	0.27	91.37
7.0-8.0	10.20	44.14	1.46	6.32	54.0-55.0	1.81	640.40	0.26	91.63
8.0-9.0	11.46	55.60	1.64	7.96	55.0-56.0	1.78	642.18	0.25	91.89
9.0-10.0	12.68	68.28	1.81	9.77	56.0-57.0	1.75	643.93	0.25	92.14
10.0-11.0	13.86	82.14	1.98	11.75	57.0-58.0	1.73	645.66	0.25	92.38
11.0-12.0	15.00	97.14	2.15	13.90	58.0-59.0	1.70	647.36	0.24	92.63
12.0-13.0	16.09	113.23	2.30	16.20	59.0-60.0	1.68	649.04	0.24	92.87
13.0-14.0	17.13	130.36	2.45	18.65	60.0-61.0	1.65	650.70	0.24	93.10
14.0-15.0	18.10	148.46	2.59	21.24	61.0-62.0	1.63	652.32	0.23	93.34
15.0-16.0	19.01	167.47	2.72	23.96	62.0-63.0	1.60	653.92	0.23	93.57
16.0-17.0	19.82	187.29	2.84	26.80	63.0-64.0	1.57	655.49	0.22	93.79
17.0-18.0	20.55	207.84	2.94	29.74	64.0-65.0	1.54	657.02	0.22	94.01
18.0-19.0	21.17	229.01	3.03	32.77	65.0-66.0	1.50	658.52	0.21	94.22
19.0-20.0	21.70	250.71	3.11	35.87	66.0-67.0	1.46	659.98	0.21	94.43
20.0-21.0	22.13	272.84	3.17	39.04	67.0-68.0	1.41	661.39	0.20	94.63
21.0-22.0	22.42	295.26	3.21	42.25	68.0-69.0	1.36	662.74	0.19	94.83
22.0-23.0	22.56	317.82	3.23	45.48	69.0-70.0	1.31	664.05	0.19	95.02
23.0-24.0	22.54	340.36	3.23	48.70	70.0-71.0	1.26	665.31	0.18	95.20
24.0-25.0	22.36	362.72	3.20	51.90	71.0-72.0	1.21	666.52	0.17	95.37
25.0-26.0	22.00	384.72	3.15	55.05	72.0-73.0	1.16	667.68	0.17	95.53
26.0-27.0	21.45	406.17	3.07	58.12	73.0-74.0	1.11	668.79	0.16	95.69
27.0-28.0	20.76	426.93	2.97	61.09	74.0-75.0	1.06	669.85	0.15	95.84
28.0-29.0	19.90	446.83	2.85	63.93	75.0-76.0	1.01	670.85	0.14	95.99
29.0-30.0	18.90	465.72	2.70	66.64	76.0-77.0	0.96	671.81	0.14	96.12
30.0-31.0	17.87	483.59	2.56	69.19	77.0-78.0	0.91	672.71	0.13	96.25
31.0-32.0	16.84	500.44	2.41	71.60	78.0-79.0	0.85	673.57	0.12	96.38
32.0-33.0	15.84	516.27	2.27	73.87	79.0-80.0	0.81	674.37	0.12	96.49
33.0-34.0	14.83	531.10	2.12	75.99	80.0-81.0	0.75	675.13	0.11	96.60
34.0-35.0	13.67	544.77	1.96	77.95	81.0-82.0	0.70	675.83	0.10	96.70
35.0-36.0	12.08	556.85	1.73	79.68	82.0-83.0	0.65	676.48	0.09	96.79
36.0-37.0	10.26	567.11	1.47						

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. 30	681. 29	0. 04	97. 48	141. 0-142. 0	0. 25	692. 75	0. 04	99. 12
95. 0-96. 0	0. 29	681. 58	0. 04	97. 52	142. 0-143. 0	0. 25	693. 00	0. 04	99. 16
96. 0-97. 0	0. 29	681. 87	0. 04	97. 56	143. 0-144. 0	0. 25	693. 26	0. 04	99. 19
97. 0-98. 0	0. 28	682. 15	0. 04	97. 60	144. 0-145. 0	0. 25	693. 51	0. 04	99. 23
98. 0-99. 0	0. 28	682. 42	0. 04	97. 64	145. 0-146. 0	0. 25	693. 76	0. 04	99. 27
99. 0-100. 0	0. 27	682. 69	0. 04	97. 68	146. 0-147. 0	0. 25	694. 01	0. 04	99. 30
100. 0-101. 0	0. 27	682. 96	0. 04	97. 72	147. 0-148. 0	0. 25	694. 25	0. 04	99. 34
101. 0-102. 0	0. 26	683. 22	0. 04	97. 76	148. 0-149. 0	0. 24	694. 50	0. 03	99. 37
102. 0-103. 0	0. 26	683. 47	0. 04	97. 79	149. 0-150. 0	0. 24	694. 74	0. 03	99. 41
103. 0-104. 0	0. 25	683. 73	0. 04	97. 83	150. 0-151. 0	0. 24	694. 98	0. 03	99. 44
104. 0-105. 0	0. 25	683. 97	0. 04	97. 87	151. 0-152. 0	0. 23	695. 21	0. 03	99. 47
105. 0-106. 0	0. 24	684. 22	0. 03	97. 90	152. 0-153. 0	0. 23	695. 44	0. 03	99. 51
106. 0-107. 0	0. 24	684. 46	0. 03	97. 93	153. 0-154. 0	0. 22	695. 66	0. 03	99. 54
107. 0-108. 0	0. 24	684. 69	0. 03	97. 97	154. 0-155. 0	0. 22	695. 88	0. 03	99. 57
108. 0-109. 0	0. 23	684. 93	0. 03	98. 00	155. 0-156. 0	0. 21	696. 09	0. 03	99. 60
109. 0-110. 0	0. 23	685. 16	0. 03	98. 04	156. 0-157. 0	0. 21	696. 30	0. 03	99. 63
110. 0-111. 0	0. 23	685. 39	0. 03	98. 07	157. 0-158. 0	0. 20	696. 50	0. 03	99. 66
111. 0-112. 0	0. 23	685. 62	0. 03	98. 10	158. 0-159. 0	0. 20	696. 70	0. 03	99. 69
112. 0-113. 0	0. 23	685. 84	0. 03	98. 13	159. 0-160. 0	0. 19	696. 89	0. 03	99. 71
113. 0-114. 0	0. 23	686. 07	0. 03	98. 17	160. 0-161. 0	0. 18	697. 07	0. 03	99. 74
114. 0-115. 0	0. 22	686. 29	0. 03	98. 20	161. 0-162. 0	0. 17	697. 24	0. 03	99. 76
115. 0-116. 0	0. 22	686. 52	0. 03	98. 23	162. 0-163. 0	0. 17	697. 41	0. 02	99. 79
116. 0-117. 0	0. 22	686. 74	0. 03	98. 26	163. 0-164. 0	0. 16	697. 57	0. 02	99. 81
117. 0-118. 0	0. 22	686. 96	0. 03	98. 29	164. 0-165. 0	0. 15	697. 72	0. 02	99. 83
118. 0-119. 0	0. 22	687. 19	0. 03	98. 33	165. 0-166. 0	0. 14	697. 87	0. 02	99. 85
119. 0-120. 0	0. 23	687. 41	0. 03	98. 36	166. 0-167. 0	0. 14	698. 00	0. 02	99. 87
120. 0-121. 0	0. 23	687. 64	0. 03	98. 39	167. 0-168. 0	0. 13	698. 13	0. 02	99. 89
121. 0-122. 0	0. 23	687. 87	0. 03	98. 42	168. 0-169. 0	0. 12	698. 25	0. 02	99. 91
122. 0-123. 0	0. 23	688. 10	0. 03	98. 46	169. 0-170. 0	0. 11	698. 36	0. 02	99. 92
123. 0-124. 0	0. 23	688. 33	0. 03	98. 49	170. 0-171. 0	0. 10	698. 45	0. 01	99. 94
124. 0-125. 0	0. 23	688. 56	0. 03	98. 52	171. 0-172. 0	0. 09	698. 54	0. 01	99. 95
125. 0-126. 0	0. 23	688. 79	0. 03	98. 56	172. 0-173. 0	0. 08	698. 62	0. 01	99. 96
126. 0-127. 0	0. 24	689. 03	0. 03	98. 59	173. 0-174. 0	0. 07	698. 69	0. 01	99. 97
127. 0-128. 0	0. 24	689. 26	0. 03	98. 62	174. 0-175. 0	0. 06	698. 75	0. 01	99. 98
128. 0-129. 0	0. 24	689. 50	0. 03	98. 66	175. 0-176. 0	0. 05	698. 80	0. 01	99. 99
129. 0-130. 0	0. 24	689. 74	0. 03	98. 69	176. 0-177. 0	0. 04	698. 84	0. 01	99. 99
130. 0-131. 0	0. 24	689. 99	0. 03	98. 73	177. 0-178. 0	0. 03	698. 87	0. 00	100. 00
131. 0-132. 0	0. 24	690. 23	0. 04	98. 76	178. 0-179. 0	0. 02	698. 88	0. 00	100. 00
132. 0-133. 0	0. 25	690. 48	0. 04	98. 80	179. 0-180. 0	0. 01	698. 89	0. 00	100. 00
133. 0-134. 0	0. 25	690. 73	0. 04	98. 83					
134. 0-135. 0	0. 25	690. 98	0. 04	98. 87					
135. 0-136. 0	0. 25	691. 23	0. 04	98. 90					
136. 0-137. 0	0. 25	691. 48	0. 04	98. 94					
137. 0-138. 0	0. 25	691. 73	0. 04	98. 98					
138. 0-139. 0	0. 25	691. 99	0. 04	99. 01					
139. 0-140. 0	0. 25	692. 24	0. 04	99. 05					
140. 0-141. 0	0. 25	692. 50	0. 04	99. 09					

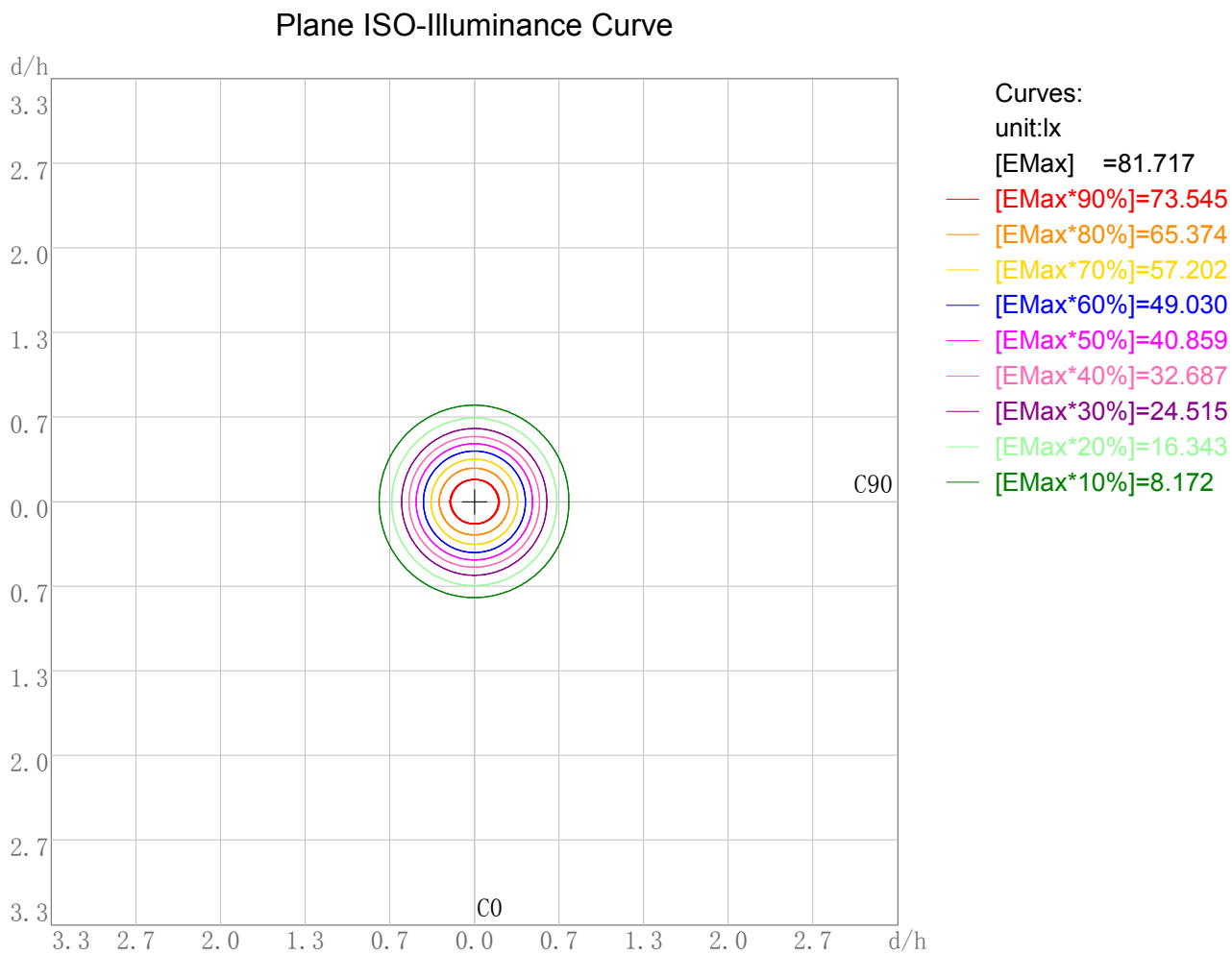
Rectangle ISO Lighting Intensity Diagram

Lum. Name:TR04-10-XX-01 2700K RA90 60D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/09



Plane ISO-Illuminance Diagram

Lum. Name:TR04-10-XX-01 2700K RA90 60D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/09



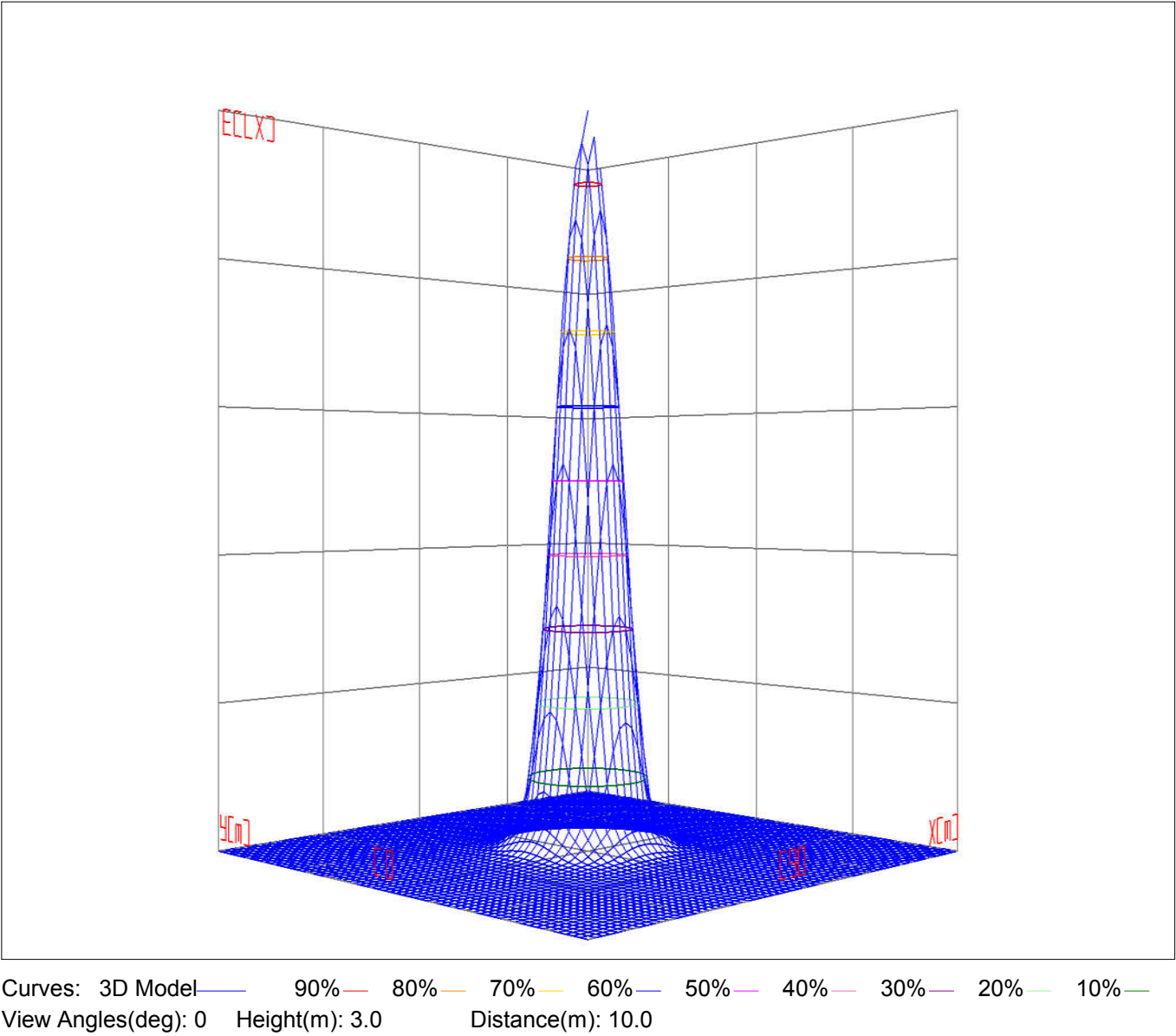
Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 81.72  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

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3D Plane ISO Illuminance Diagram

Lum. Name:TR04-10-XX-01 2700K RA90 60D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/09

3D Plane Illuminance Modal

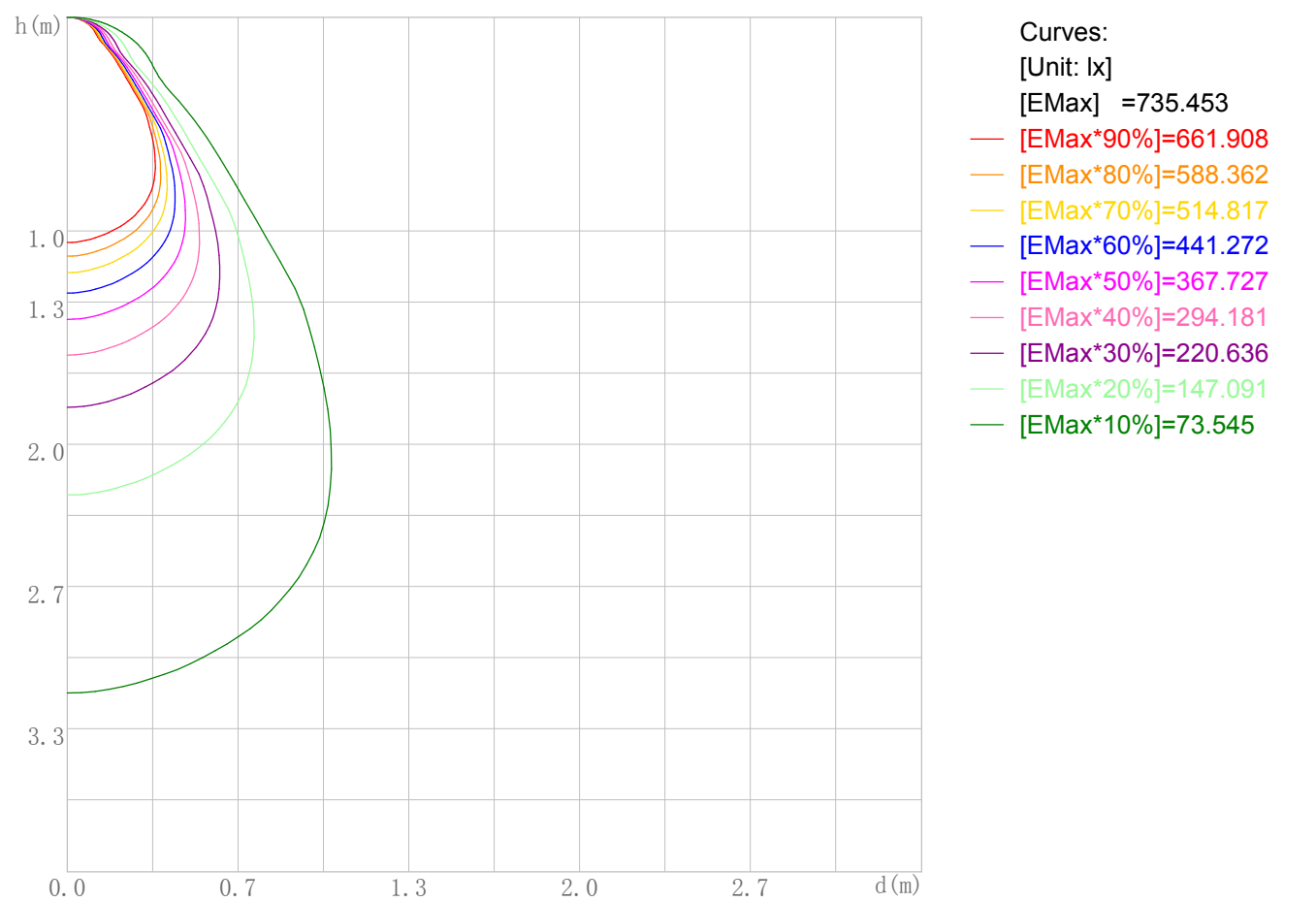




Space ISO Illuminance Diagram

Lum. Name:TR04-10-XX-01 2700K RA90 60D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/09

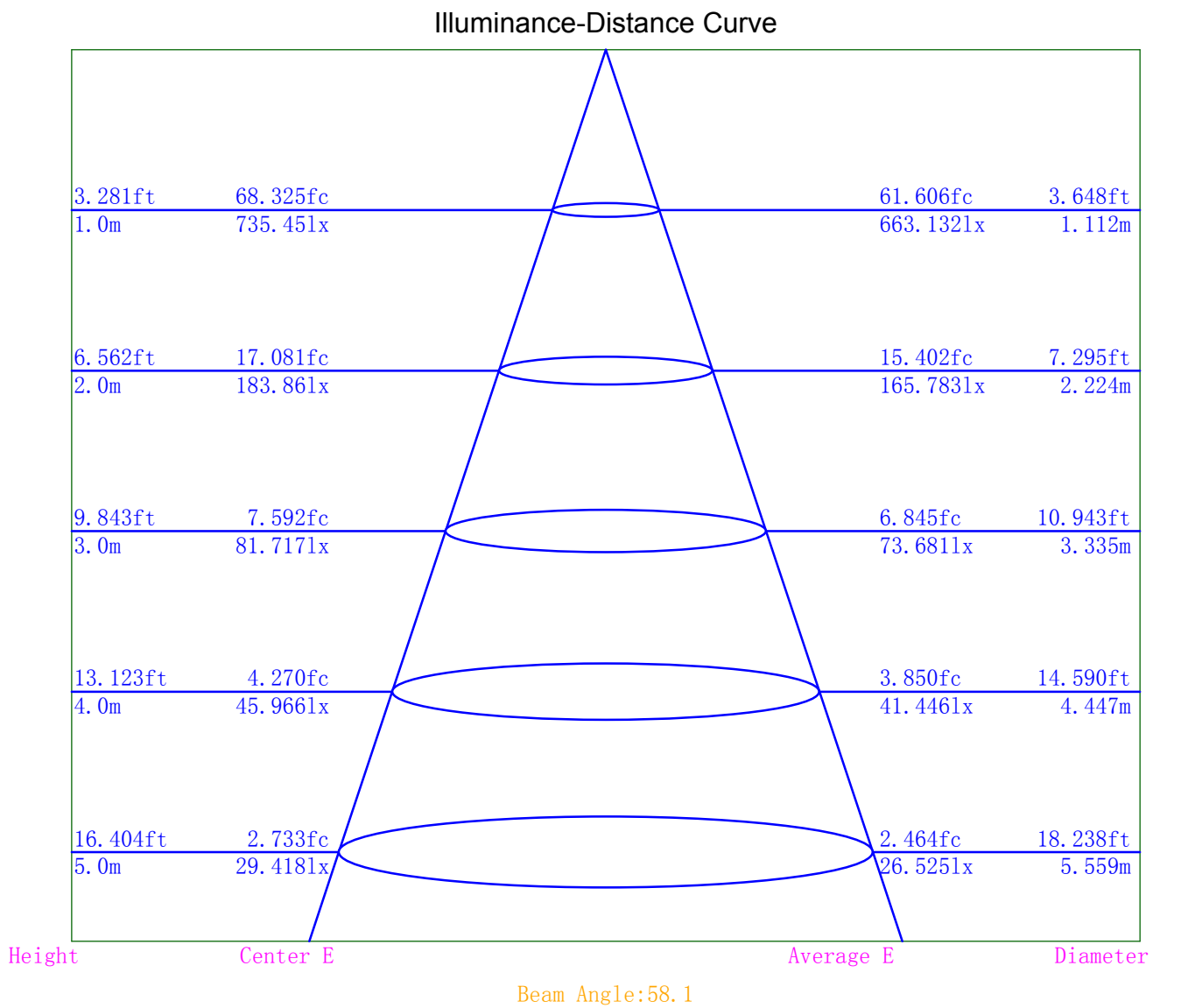
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:735.45lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:735.453cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR04-10-XX-01 2700K RA90 60D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/09



Indoor Luminance Limiting Curves

Lum. Name: TR04-10-XX-01 2700K RA90 60D	Lum. Catalog:	Test ID: QIU MEI
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/09

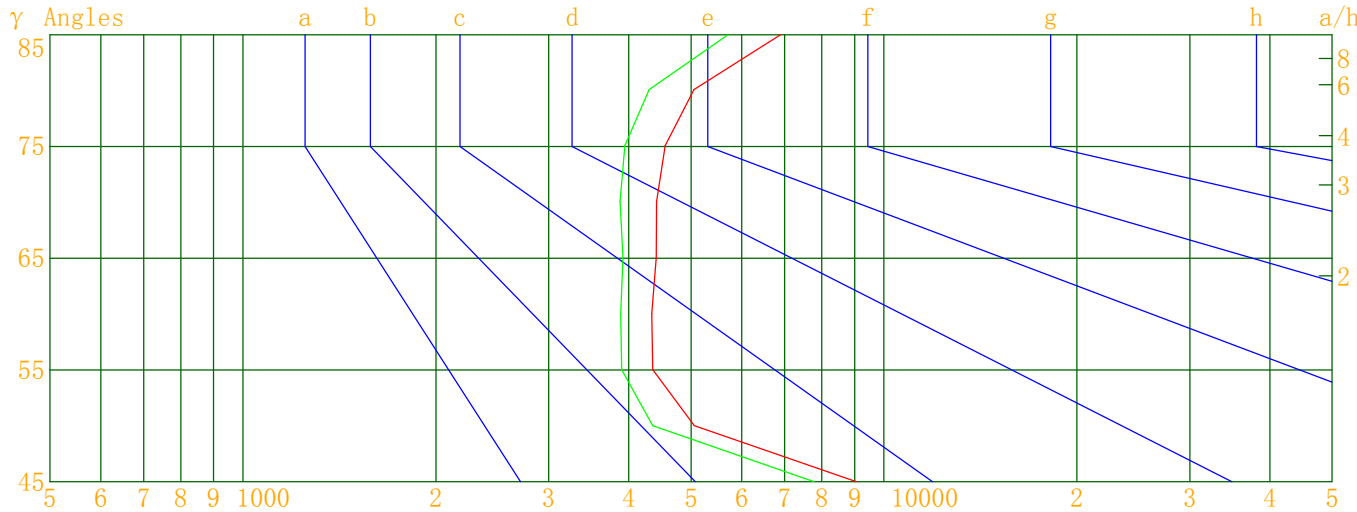
Glare Grade Table

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	9052	5063	4360	4341	4414	4419	4557	5056	6895
C90	7782	4359	3896	3884	3916	3875	3945	4302	5712

Luminance Limiting Curve



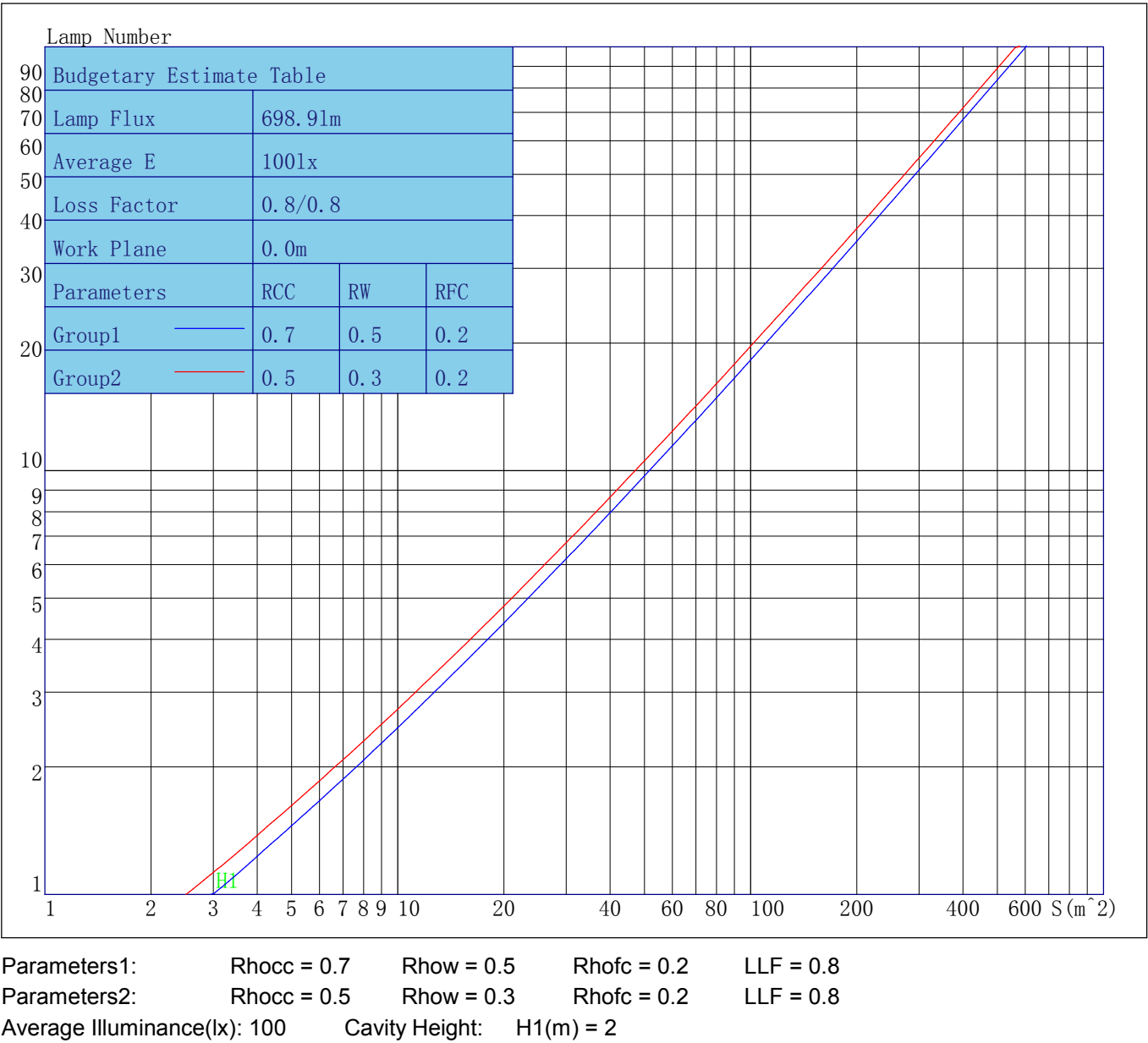
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.125 Area(m^2)=0.008750

Luminous Type: Without Luminous Side

Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name:TR04-10-XX-01 2700K RA90 60D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/09



Indoor Coefficient of Utilization Table

Lum. Name:TR04-10-XX-01 2700K RA90 60D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/09

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	102	102	100	98	98	96	95	94	92	91	89
2	106	100	96	92	103	98	94	91	95	91	88	91	89	86	88	86	84	82
3	100	93	88	83	98	91	86	82	88	84	81	85	82	79	83	80	78	76
4	95	86	81	76	93	85	80	75	83	78	74	80	76	73	78	75	72	70
5	90	81	74	70	88	80	74	69	77	72	69	75	71	68	74	70	67	65
6	85	76	69	65	83	75	69	64	73	68	64	71	66	63	69	65	62	61
7	81	71	65	60	79	70	64	60	68	63	59	67	62	59	66	61	58	57
8	77	67	60	56	75	66	60	56	65	59	55	63	59	55	62	58	55	53
9	73	63	57	53	72	62	56	52	61	56	52	60	55	52	59	55	51	50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	48	47

**Unified Glare Rating Table**

Lum. Name: TR04-10-XX-01 2700K RA90 60D	Lum. Catalog:	Test ID: QIU MEI
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/09

**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	16.1	17.2	16.5	17.5	17.9	15.6	16.7	16.0	17.0	17.4
	16.7	17.6	17.1	18.0	18.4	16.1	17.1	16.6	17.5	17.9
	17.1	17.9	17.5	18.3	18.8	16.5	17.3	16.9	17.7	18.2
	17.5	18.2	17.9	18.7	19.1	16.8	17.6	17.3	18.0	18.5
	17.7	18.4	18.1	18.8	19.3	17.0	17.7	17.5	18.2	18.6
	17.9	18.6	18.4	19.0	19.5	17.2	17.9	17.6	18.3	18.8
X=4H    Y=2H	16.2	17.0	16.6	17.4	17.9	15.7	16.5	16.1	16.9	17.4
	17.0	17.7	17.4	18.1	18.6	16.4	17.1	16.9	17.6	18.1
	17.5	18.1	18.0	18.6	19.1	16.9	17.5	17.4	18.0	18.5
	18.1	18.6	18.6	19.1	19.7	17.4	18.0	17.9	18.5	19.0
	18.4	18.9	18.9	19.4	19.9	17.7	18.2	18.2	18.7	19.2
	18.7	19.2	19.2	19.7	20.2	18.0	18.4	18.5	19.0	19.5
X=8H    Y=4H	17.7	18.2	18.2	18.7	19.2	17.1	17.6	17.6	18.1	18.6
	18.4	18.8	19.0	19.4	20.0	17.8	18.2	18.3	18.7	19.3
	18.8	19.2	19.4	19.8	20.3	18.2	18.5	18.7	19.1	19.7
	19.3	19.7	19.9	20.2	20.8	18.6	18.9	19.2	19.5	20.1
X=12H    Y=4H	17.7	18.1	18.2	18.6	19.2	17.1	17.5	17.6	18.1	18.6
	18.5	18.9	19.1	19.4	20.0	17.8	18.2	18.4	18.7	19.3
	19.0	19.3	19.6	19.9	20.5	18.3	18.6	18.9	19.2	19.8
Variations with the objerver position at spacings										
S=1.0H	0.2/-0.2					0.3/-0.3				
S=1.5H	0.4/-0.5					0.5/-0.5				
S=2.0H	0.5/-0.6					0.5/-0.6				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.3					2.2				

o the CIE Pub.117, data has been corrected, refers to the lamp's lumens 8.2flm.

IES Indoor Report

Photometric Filename:TR04-10-XX-01 2700K RA90 60D.IES

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Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	735.45	735.45	735.45	735.45
γ 1.0	735.02	734.73	735.16	733.49
γ 2.0	733.60	734.54	733.38	732.03
γ 3.0	730.42	732.75	730.09	729.94
γ 4.0	727.07	729.06	726.54	727.52
γ 5.0	722.22	726.59	721.96	725.39
γ 6.0	716.68	722.54	718.37	722.72
γ 7.0	711.76	718.30	712.84	718.51
γ 8.0	706.10	713.98	705.28	714.57
γ 9.0	698.69	709.14	697.36	710.59
γ 10.0	691.60	702.89	688.89	705.30
γ 11.0	683.75	695.59	680.74	699.59
γ 12.0	676.26	687.96	672.44	692.84
γ 13.0	667.80	678.49	663.57	685.33
γ 14.0	659.20	668.28	653.94	676.31
γ 15.0	649.22	657.56	643.61	666.24
γ 16.0	638.24	645.67	633.28	654.28
γ 17.0	625.43	632.41	622.11	640.00
γ 18.0	612.44	618.32	609.79	624.08
γ 19.0	598.40	601.99	595.62	607.34
γ 20.0	582.73	585.35	581.16	590.30
γ 21.0	565.70	567.79	564.18	572.01
γ 22.0	547.72	547.68	545.83	552.51
γ 23.0	526.00	525.42	524.63	530.81
γ 24.0	503.36	502.55	502.40	508.57
γ 25.0	478.61	475.42	478.57	483.45
γ 26.0	452.61	448.51	452.34	457.97
γ 27.0	424.29	418.70	424.60	428.70
γ 28.0	397.95	387.06	398.27	399.89
γ 29.0	369.76	354.22	369.64	365.66
γ 30.0	340.95	324.00	341.22	334.26
γ 31.0	312.58	296.73	313.39	305.18
γ 32.0	286.85	270.86	287.52	278.59
γ 33.0	263.18	246.19	263.18	253.67
γ 34.0	240.87	221.95	240.14	230.68
γ 35.0	215.70	191.78	212.33	207.56
γ 36.0	181.54	159.25	176.04	172.90
γ 37.0	152.81	129.39	145.24	141.34
γ 38.0	131.27	108.22	121.08	118.28
γ 39.0	113.89	94.59	102.42	101.52
γ 40.0	100.08	84.60	89.54	87.75
γ 41.0	88.80	75.43	79.98	78.09
γ 42.0	78.75	67.39	71.36	70.05
γ 43.0	70.23	60.62	63.83	62.75
γ 44.0	62.89	54.20	56.88	56.18
γ 45.0	56.01	48.15	50.07	50.33
γ 46.0	49.51	42.76	44.31	44.89

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	43.26	36.33	38.24	39.45
γ 48.0	37.64	31.50	32.75	34.93
γ 49.0	32.17	27.02	27.60	29.92
γ 50.0	28.48	24.52	24.38	26.86
γ 51.0	26.32	23.05	22.36	24.52
γ 52.0	24.58	21.82	20.89	22.79
γ 53.0	23.57	20.96	20.03	21.72
γ 54.0	22.63	20.22	19.12	20.72
γ 55.0	21.88	19.56	18.49	20.02
γ 56.0	21.23	19.00	18.01	19.50
γ 57.0	20.62	18.46	17.57	18.97
γ 58.0	20.06	17.96	17.17	18.55
γ 59.0	19.51	17.47	16.81	18.18
γ 60.0	18.99	16.99	16.47	17.81
γ 61.0	18.45	16.47	16.07	17.43
γ 62.0	17.90	15.95	15.68	17.02
γ 63.0	17.36	15.45	15.28	16.63
γ 64.0	16.83	14.98	14.89	16.23
γ 65.0	16.32	14.48	14.50	15.84
γ 66.0	15.75	13.93	14.04	15.37
γ 67.0	15.12	13.35	13.50	14.85
γ 68.0	14.47	12.73	12.93	14.29
γ 69.0	13.82	12.16	12.39	13.71
γ 70.0	13.23	11.60	11.87	13.16
γ 71.0	12.62	11.05	11.34	12.61
γ 72.0	12.04	10.49	10.81	12.07
γ 73.0	11.45	9.96	10.29	11.51
γ 74.0	10.89	9.44	9.78	10.97
γ 75.0	10.32	8.93	9.28	10.44
γ 76.0	9.78	8.44	8.77	9.90
γ 77.0	9.23	7.94	8.27	9.38
γ 78.0	8.70	7.47	7.79	8.85
γ 79.0	8.19	6.99	7.31	8.34
γ 80.0	7.68	6.54	6.84	7.84
γ 81.0	7.18	6.08	6.38	7.30
γ 82.0	6.69	5.63	5.93	6.68
γ 83.0	6.21	5.18	5.48	6.01
γ 84.0	5.73	4.76	5.04	5.39
γ 85.0	5.26	4.36	4.62	4.91
γ 86.0	4.81	3.94	4.21	4.53
γ 87.0	4.39	3.54	3.81	4.18
γ 88.0	3.95	3.16	3.41	3.82
γ 89.0	3.53	2.81	3.05	3.54
γ 90.0	3.28	2.71	2.85	3.34
γ 91.0	3.19	2.66	2.79	3.24
γ 92.0	3.10	2.60	2.72	3.16
γ 93.0	3.04	2.55	2.67	3.09



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.97	2.50	2.61	3.01
γ 95.0	2.90	2.46	2.57	2.95
γ 96.0	2.84	2.41	2.52	2.89
γ 97.0	2.78	2.36	2.48	2.83
γ 98.0	2.73	2.32	2.44	2.78
γ 99.0	2.67	2.28	2.40	2.72
γ 100.0	2.63	2.25	2.36	2.68
γ 101.0	2.58	2.21	2.32	2.64
γ 102.0	2.54	2.18	2.29	2.60
γ 103.0	2.49	2.16	2.27	2.56
γ 104.0	2.46	2.13	2.24	2.53
γ 105.0	2.44	2.10	2.23	2.49
γ 106.0	2.39	2.09	2.21	2.47
γ 107.0	2.37	2.06	2.19	2.44
γ 108.0	2.35	2.06	2.19	2.43
γ 109.0	2.33	2.04	2.19	2.41
γ 110.0	2.32	2.04	2.19	2.40
γ 111.0	2.30	2.04	2.19	2.39
γ 112.0	2.30	2.03	2.20	2.39
γ 113.0	2.31	2.05	2.21	2.39
γ 114.0	2.30	2.05	2.22	2.39
γ 115.0	2.31	2.07	2.24	2.42
γ 116.0	2.31	2.09	2.26	2.42
γ 117.0	2.33	2.12	2.28	2.44
γ 118.0	2.35	2.14	2.31	2.46
γ 119.0	2.37	2.18	2.35	2.49
γ 120.0	2.40	2.21	2.38	2.52
γ 121.0	2.43	2.25	2.43	2.54
γ 122.0	2.46	2.29	2.47	2.59
γ 123.0	2.50	2.34	2.51	2.62
γ 124.0	2.54	2.39	2.57	2.67
γ 125.0	2.59	2.44	2.61	2.71
γ 126.0	2.64	2.50	2.68	2.77
γ 127.0	2.69	2.55	2.73	2.82
γ 128.0	2.74	2.62	2.79	2.88
γ 129.0	2.80	2.68	2.87	2.94
γ 130.0	2.88	2.74	2.92	3.00
γ 131.0	2.93	2.81	2.99	3.06
γ 132.0	2.99	2.88	3.06	3.13
γ 133.0	3.06	2.95	3.14	3.19
γ 134.0	3.13	3.03	3.21	3.27
γ 135.0	3.20	3.10	3.28	3.33
γ 136.0	3.28	3.18	3.36	3.40
γ 137.0	3.36	3.25	3.43	3.47
γ 138.0	3.42	3.33	3.51	3.55
γ 139.0	3.51	3.41	3.59	3.62
γ 140.0	3.58	3.49	3.67	3.70

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.65	3.56	3.74	3.78
γ 142.0	3.72	3.64	3.83	3.85
γ 143.0	3.81	3.72	3.92	3.92
γ 144.0	3.89	3.80	3.98	4.00
γ 145.0	3.96	3.88	4.06	4.08
γ 146.0	4.04	3.96	4.14	4.15
γ 147.0	4.11	4.04	4.22	4.21
γ 148.0	4.18	4.12	4.29	4.29
γ 149.0	4.25	4.18	4.35	4.35
γ 150.0	4.32	4.25	4.42	4.42
γ 151.0	4.38	4.32	4.49	4.49
γ 152.0	4.45	4.41	4.56	4.55
γ 153.0	4.51	4.46	4.62	4.60
γ 154.0	4.57	4.52	4.67	4.66
γ 155.0	4.63	4.59	4.73	4.72
γ 156.0	4.69	4.64	4.78	4.77
γ 157.0	4.74	4.70	4.84	4.82
γ 158.0	4.80	4.76	4.89	4.88
γ 159.0	4.86	4.82	4.95	4.93
γ 160.0	4.91	4.87	5.00	4.99
γ 161.0	4.97	4.94	5.05	5.04
γ 162.0	5.03	4.99	5.10	5.09
γ 163.0	5.08	5.05	5.16	5.15
γ 164.0	5.14	5.10	5.21	5.20
γ 165.0	5.19	5.15	5.26	5.25
γ 166.0	5.24	5.21	5.31	5.30
γ 167.0	5.30	5.27	5.36	5.34
γ 168.0	5.35	5.31	5.40	5.39
γ 169.0	5.40	5.36	5.44	5.44
γ 170.0	5.44	5.41	5.49	5.48
γ 171.0	5.49	5.46	5.53	5.52
γ 172.0	5.53	5.49	5.57	5.55
γ 173.0	5.57	5.53	5.61	5.59
γ 174.0	5.60	5.57	5.64	5.62
γ 175.0	5.63	5.59	5.66	5.64
γ 176.0	5.66	5.63	5.68	5.67
γ 177.0	5.68	5.66	5.70	5.69
γ 178.0	5.70	5.68	5.71	5.72
γ 179.0	5.72	5.70	5.73	5.73
γ 180.0	5.72	5.72	5.72	5.72