

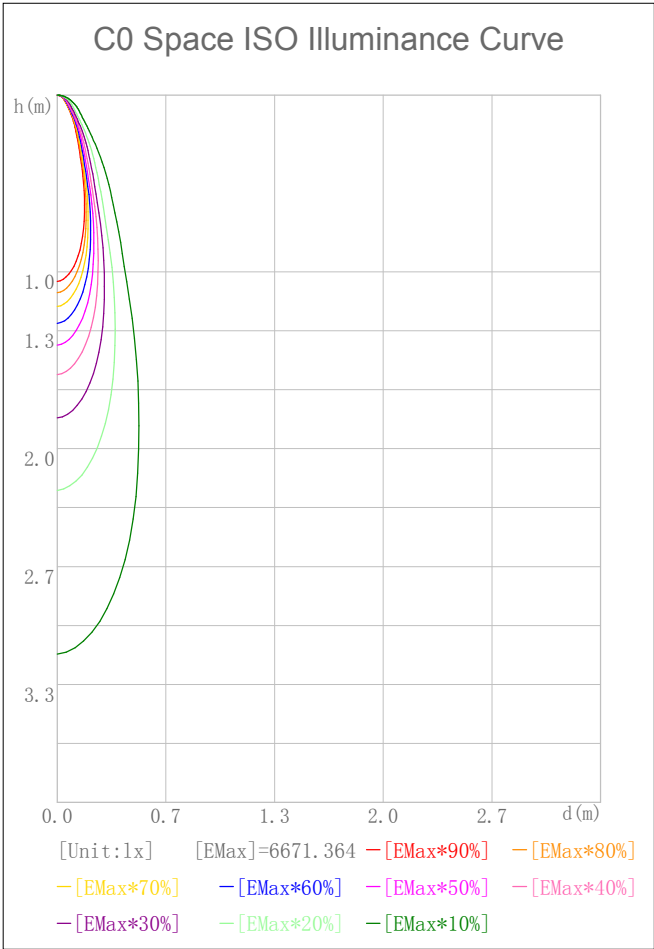
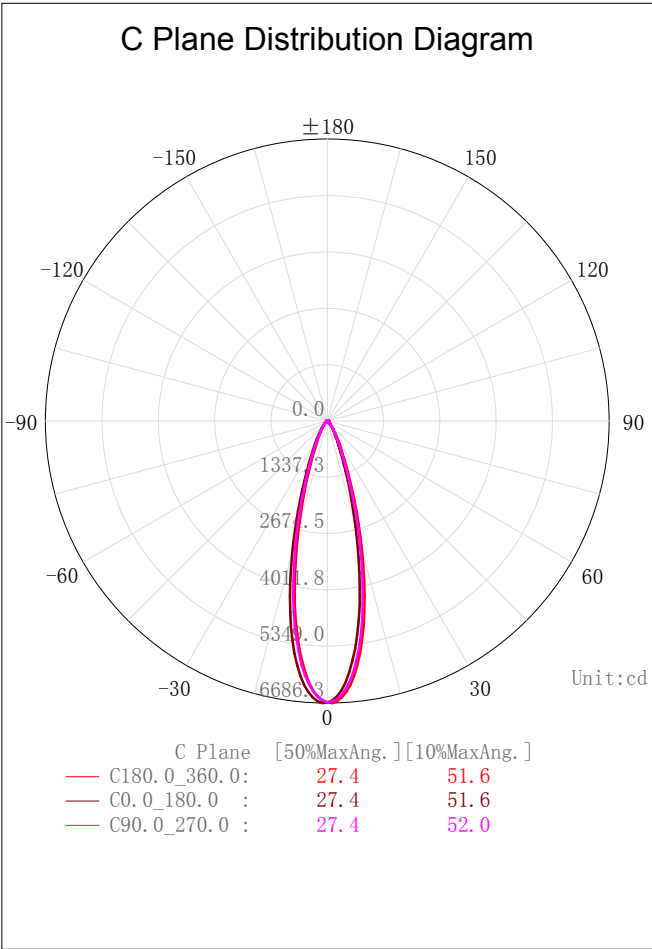
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-25-XX-01 4000K RA90 24D		Lum. Catalog:	Test ID: QIU MEI
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/09/23
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):0.060m*0.060m*0.250m		Lum.Area(m2):0.019	Lum.W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp.(°C): 25	Humidity(%): 50.0

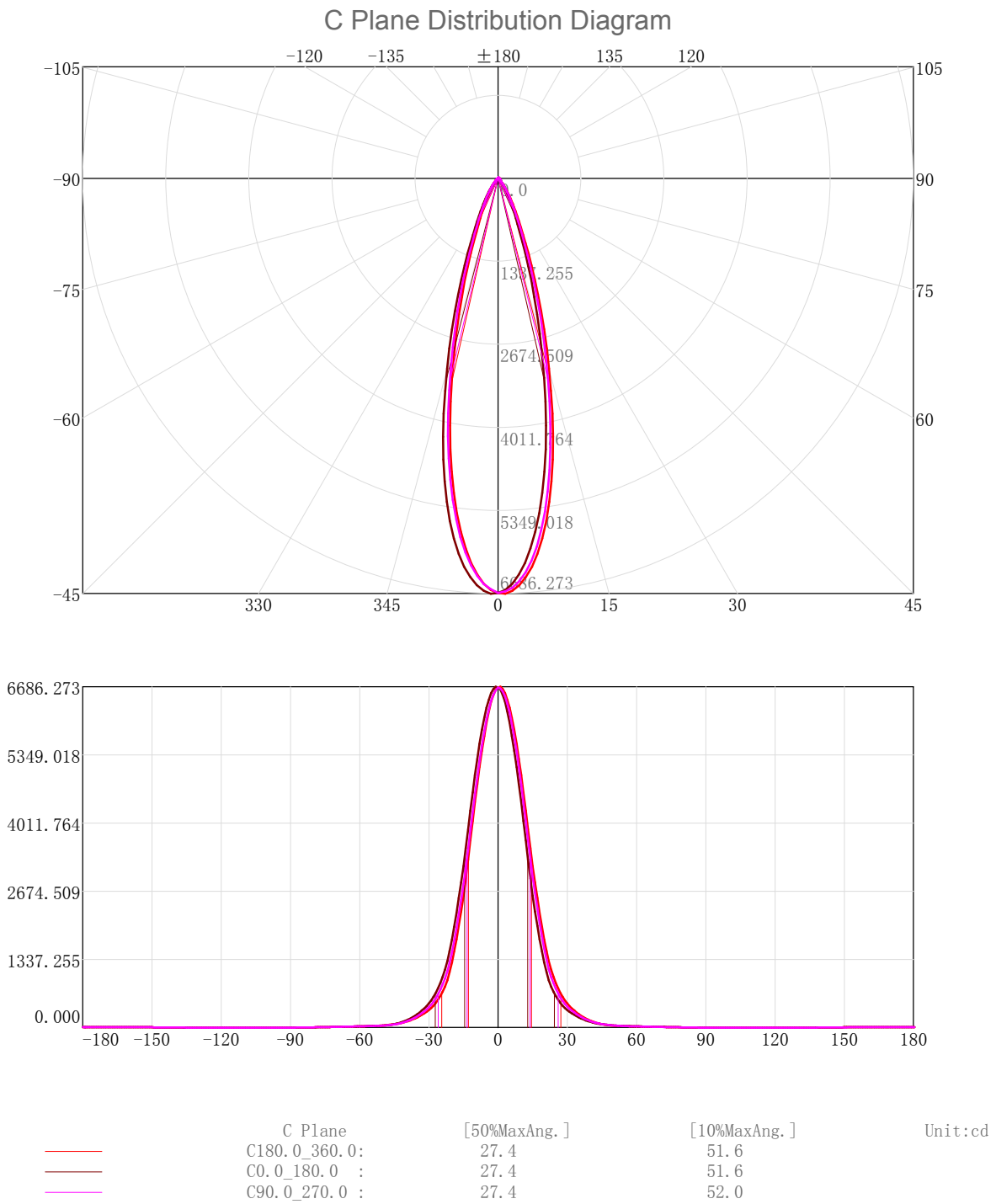
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1976.940	Luminary Flux(lm): 1976.938	Field Angle(10%Imax): 51.6(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1962.913lm 99.29%	
Rated Voltage(V):	Luminary EER(lm/W): 78.762	Up Lumens&Percent: 14.025lm 0.71%	
Tested Power(W): 25.100	Max. Candela(cd): 6686.273	S/MH: C0_a180=0.461 C90_270=0.460	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):239.9, 0.106, 0.982		ErP Φuse(90°): 1912.090lm	
Lamp Size(W*L*H):0.060m*0.060m*0.250m	Left=-12.9°, Right=14.5°	IRF(%): 758.372	



2D Plane Light Intensity Distribution Curve

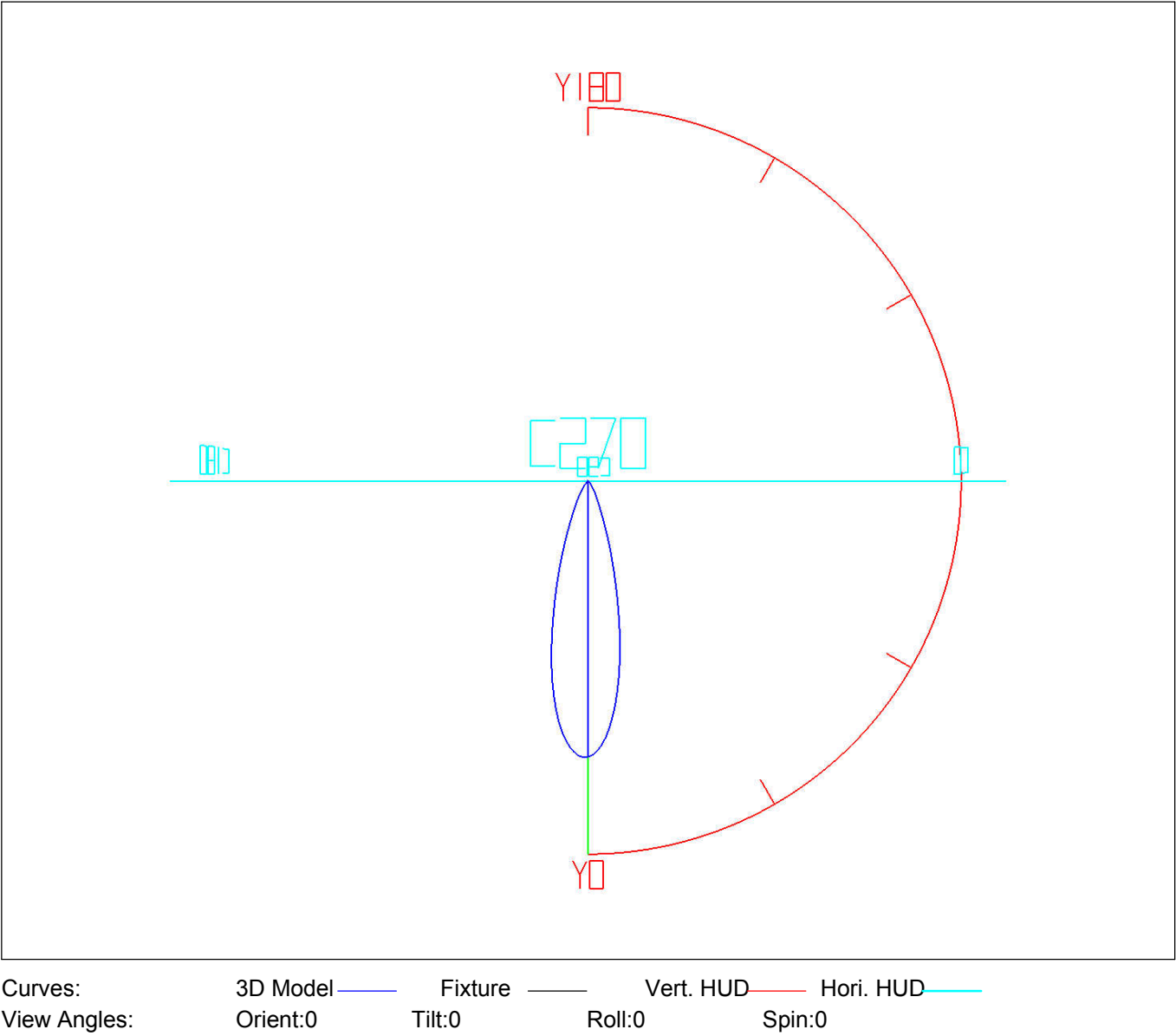
Lum. Name:TR04-25-XX-01 4000K RA90 24D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/23



3D Light Intensity Distribution Modal

Lum. Name:TR04-25-XX-01 4000K RA90 24D	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:2019/09/23

3D Light Intensity Distribution Modal



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	6.37	6.37	0.32	0.32	47.0-48.0	4.26	1890.02	0.22	95.60
1.0-2.0	18.97	25.35	0.96	1.28	48.0-49.0	3.93	1893.94	0.20	95.80
2.0-3.0	31.18	56.53	1.58	2.86	49.0-50.0	3.65	1897.59	0.18	95.99
3.0-4.0	42.76	99.29	2.16	5.02	50.0-51.0	3.44	1901.03	0.17	96.16
4.0-5.0	53.48	152.77	2.71	7.73	51.0-52.0	3.28	1904.31	0.17	96.33
5.0-6.0	63.12	215.89	3.19	10.92	52.0-53.0	3.14	1907.45	0.16	96.48
6.0-7.0	71.49	287.38	3.62	14.54	53.0-54.0	3.01	1910.46	0.15	96.64
7.0-8.0	78.43	365.81	3.97	18.50	54.0-55.0	2.90	1913.36	0.15	96.78
8.0-9.0	83.87	449.68	4.24	22.75	55.0-56.0	2.80	1916.16	0.14	96.93
9.0-10.0	87.75	537.43	4.44	27.18	56.0-57.0	2.72	1918.88	0.14	97.06
10.0-11.0	89.97	627.40	4.55	31.74	57.0-58.0	2.64	1921.53	0.13	97.20
11.0-12.0	90.55	717.95	4.58	36.32	58.0-59.0	2.57	1924.10	0.13	97.33
12.0-13.0	89.58	807.54	4.53	40.85	59.0-60.0	2.50	1926.59	0.13	97.45
13.0-14.0	87.25	894.78	4.41	45.26	60.0-61.0	2.42	1929.01	0.12	97.58
14.0-15.0	83.92	978.71	4.25	49.51	61.0-62.0	2.34	1931.35	0.12	97.69
15.0-16.0	79.97	1058.67	4.04	53.55	62.0-63.0	2.26	1933.61	0.11	97.81
16.0-17.0	75.47	1134.14	3.82	57.37	63.0-64.0	2.18	1935.79	0.11	97.92
17.0-18.0	70.46	1204.59	3.56	60.93	64.0-65.0	2.09	1937.88	0.11	98.02
18.0-19.0	65.05	1269.65	3.29	64.22	65.0-66.0	2.00	1939.88	0.10	98.13
19.0-20.0	59.46	1329.11	3.01	67.23	66.0-67.0	1.91	1941.79	0.10	98.22
20.0-21.0	53.91	1383.02	2.73	69.96	67.0-68.0	1.82	1943.60	0.09	98.31
21.0-22.0	48.68	1431.70	2.46	72.42	68.0-69.0	1.73	1945.33	0.09	98.40
22.0-23.0	44.00	1475.70	2.23	74.65	69.0-70.0	1.63	1946.97	0.08	98.48
23.0-24.0	39.98	1515.68	2.02	76.67	70.0-71.0	1.55	1948.51	0.08	98.56
24.0-25.0	36.53	1552.22	1.85	78.52	71.0-72.0	1.46	1949.97	0.07	98.64
25.0-26.0	33.41	1585.63	1.69	80.21	72.0-73.0	1.37	1951.34	0.07	98.70
26.0-27.0	30.48	1616.11	1.54	81.75	73.0-74.0	1.28	1952.62	0.06	98.77
27.0-28.0	27.81	1643.92	1.41	83.15	74.0-75.0	1.20	1953.82	0.06	98.83
28.0-29.0	25.47	1669.38	1.29	84.44	75.0-76.0	1.12	1954.95	0.06	98.89
29.0-30.0	23.40	1692.79	1.18	85.63	76.0-77.0	1.04	1955.99	0.05	98.94
30.0-31.0	21.56	1714.35	1.09	86.72	77.0-78.0	0.96	1956.95	0.05	98.99
31.0-32.0	19.87	1734.21	1.00	87.72	78.0-79.0	0.88	1957.83	0.04	99.03
32.0-33.0	18.28	1752.49	0.92	88.65	79.0-80.0	0.81	1958.64	0.04	99.07
33.0-34.0	16.75	1769.24	0.85	89.49	80.0-81.0	0.73	1959.37	0.04	99.11
34.0-35.0	15.29	1784.53	0.77	90.27	81.0-82.0	0.66	1960.04	0.03	99.14
35.0-36.0	13.92	1798.45	0.70	90.97	82.0-83.0	0.59	1960.62	0.03	99.17
36.0-37.0	12.63	1811.08	0.64	91.61	83.0-84.0	0.52	1961.14	0.03	99.20
37.0-38.0	11.42	1822.50	0.58	92.19	84.0-85.0	0.45	1961.59	0.02	99.22
38.0-39.0	10.30	1832.80	0.52	92.71	85.0-86.0	0.39	1961.98	0.02	99.24
39.0-40.0	9.28	1842.08	0.47	93.18	86.0-87.0	0.32	1962.30	0.02	99.26
40.0-41.0	8.35	1850.42	0.42	93.60	87.0-88.0	0.26	1962.56	0.01	99.27
41.0-42.0	7.49	1857.91	0.38	93.98	88.0-89.0	0.20	1962.76	0.01	99.28
42.0-43.0	6.71	1864.62	0.34	94.32	89.0-90.0	0.15	1962.91	0.01	99.29
43.0-44.0	6.04	1870.65	0.31	94.62	90.0-91.0	0.13	1963.04	0.01	99.30
44.0-45.0	5.47	1876.13	0.28	94.90	91.0-92.0	0.11	1963.15	0.01	99.30
45.0-46.0	5.01	1881.14	0.25	95.15	92.0-93.0	0.09	1963.24	0.00	99.31
46.0-47.0	4.62	1885.76	0.23	95.39	93.0-94.0	0.07	1963.32	0.00	99.31

IES Indoor Report

Photometric Filename:TR04-25-XX-01 4000K RA90 24D.IES

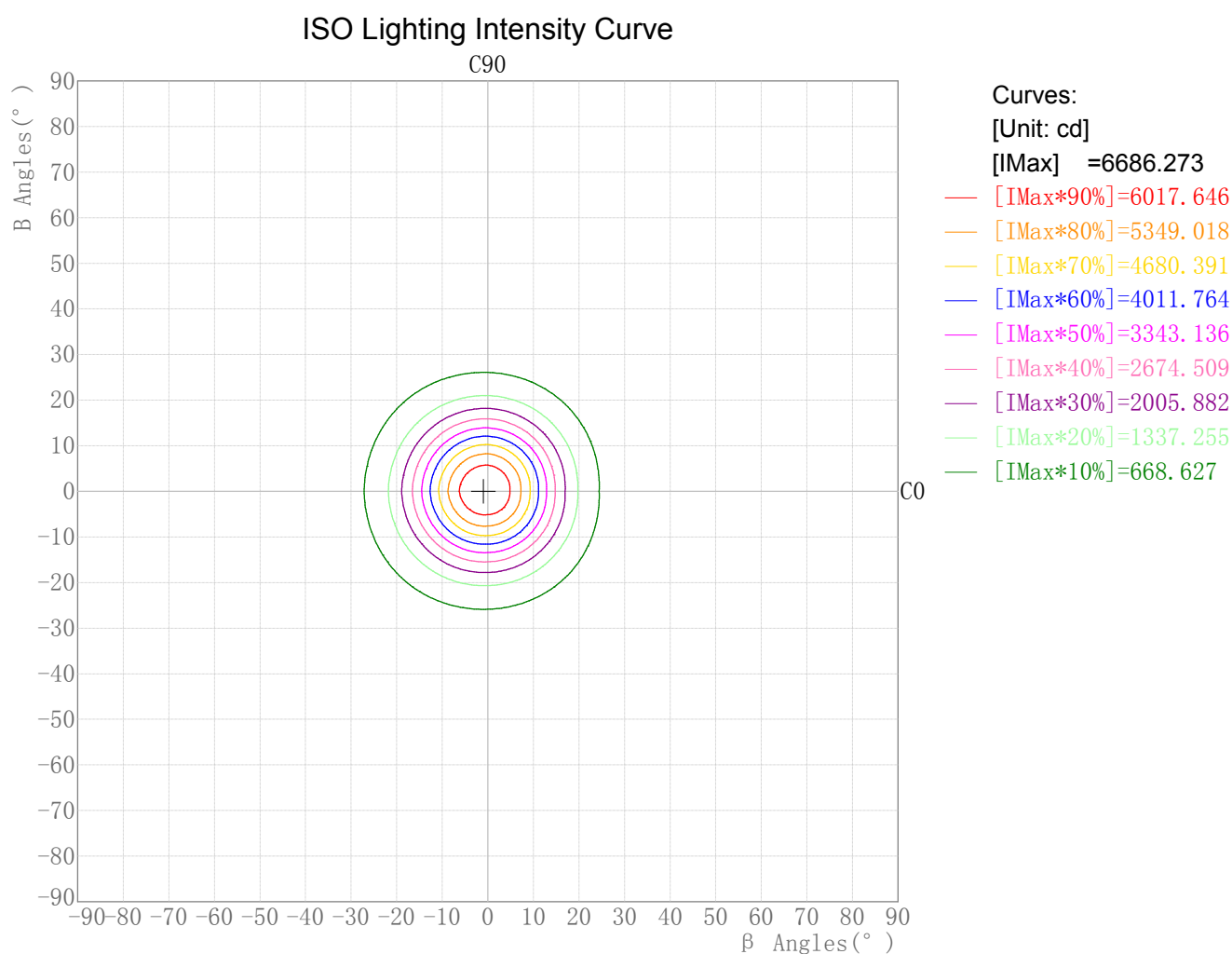
Zonal Flux Tabulation - (Cont.)

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. 06	1963. 38	0. 00	99. 31	141. 0-142. 0	0. 30	1965. 62	0. 02	99. 43
95. 0-96. 0	0. 04	1963. 42	0. 00	99. 32	142. 0-143. 0	0. 33	1965. 95	0. 02	99. 44
96. 0-97. 0	0. 03	1963. 45	0. 00	99. 32	143. 0-144. 0	0. 35	1966. 30	0. 02	99. 46
97. 0-98. 0	0. 02	1963. 47	0. 00	99. 32	144. 0-145. 0	0. 36	1966. 66	0. 02	99. 48
98. 0-99. 0	0. 01	1963. 48	0. 00	99. 32	145. 0-146. 0	0. 38	1967. 04	0. 02	99. 50
99. 0-100. 0	0. 01	1963. 49	0. 00	99. 32	146. 0-147. 0	0. 40	1967. 44	0. 02	99. 52
100. 0-101. 0	0. 00	1963. 49	0. 00	99. 32	147. 0-148. 0	0. 41	1967. 85	0. 02	99. 54
101. 0-102. 0	0. 00	1963. 49	0. 00	99. 32	148. 0-149. 0	0. 42	1968. 27	0. 02	99. 56
102. 0-103. 0	0. 00	1963. 49	0. 00	99. 32	149. 0-150. 0	0. 43	1968. 69	0. 02	99. 58
103. 0-104. 0	0. 00	1963. 49	0. 00	99. 32	150. 0-151. 0	0. 43	1969. 13	0. 02	99. 60
104. 0-105. 0	0. 00	1963. 49	0. 00	99. 32	151. 0-152. 0	0. 44	1969. 57	0. 02	99. 63
105. 0-106. 0	0. 00	1963. 49	0. 00	99. 32	152. 0-153. 0	0. 44	1970. 00	0. 02	99. 65
106. 0-107. 0	0. 00	1963. 49	0. 00	99. 32	153. 0-154. 0	0. 44	1970. 44	0. 02	99. 67
107. 0-108. 0	0. 00	1963. 49	0. 00	99. 32	154. 0-155. 0	0. 43	1970. 88	0. 02	99. 69
108. 0-109. 0	0. 00	1963. 49	0. 00	99. 32	155. 0-156. 0	0. 43	1971. 30	0. 02	99. 71
109. 0-110. 0	0. 00	1963. 49	0. 00	99. 32	156. 0-157. 0	0. 42	1971. 73	0. 02	99. 74
110. 0-111. 0	0. 00	1963. 49	0. 00	99. 32	157. 0-158. 0	0. 41	1972. 14	0. 02	99. 76
111. 0-112. 0	0. 00	1963. 49	0. 00	99. 32	158. 0-159. 0	0. 40	1972. 54	0. 02	99. 78
112. 0-113. 0	0. 00	1963. 49	0. 00	99. 32	159. 0-160. 0	0. 39	1972. 94	0. 02	99. 80
113. 0-114. 0	0. 00	1963. 49	0. 00	99. 32	160. 0-161. 0	0. 38	1973. 31	0. 02	99. 82
114. 0-115. 0	0. 00	1963. 49	0. 00	99. 32	161. 0-162. 0	0. 36	1973. 68	0. 02	99. 83
115. 0-116. 0	0. 00	1963. 49	0. 00	99. 32	162. 0-163. 0	0. 35	1974. 02	0. 02	99. 85
116. 0-117. 0	0. 00	1963. 49	0. 00	99. 32	163. 0-164. 0	0. 33	1974. 35	0. 02	99. 87
117. 0-118. 0	0. 00	1963. 49	0. 00	99. 32	164. 0-165. 0	0. 31	1974. 66	0. 02	99. 88
118. 0-119. 0	0. 00	1963. 49	0. 00	99. 32	165. 0-166. 0	0. 29	1974. 96	0. 01	99. 90
119. 0-120. 0	0. 00	1963. 49	0. 00	99. 32	166. 0-167. 0	0. 27	1975. 23	0. 01	99. 91
120. 0-121. 0	0. 00	1963. 49	0. 00	99. 32	167. 0-168. 0	0. 25	1975. 48	0. 01	99. 93
121. 0-122. 0	0. 00	1963. 49	0. 00	99. 32	168. 0-169. 0	0. 23	1975. 72	0. 01	99. 94
122. 0-123. 0	0. 00	1963. 49	0. 00	99. 32	169. 0-170. 0	0. 21	1975. 93	0. 01	99. 95
123. 0-124. 0	0. 00	1963. 49	0. 00	99. 32	170. 0-171. 0	0. 19	1976. 12	0. 01	99. 96
124. 0-125. 0	0. 00	1963. 49	0. 00	99. 32	171. 0-172. 0	0. 17	1976. 29	0. 01	99. 97
125. 0-126. 0	0. 00	1963. 49	0. 00	99. 32	172. 0-173. 0	0. 15	1976. 44	0. 01	99. 97
126. 0-127. 0	0. 00	1963. 50	0. 00	99. 32	173. 0-174. 0	0. 13	1976. 57	0. 01	99. 98
127. 0-128. 0	0. 01	1963. 50	0. 00	99. 32	174. 0-175. 0	0. 11	1976. 68	0. 01	99. 99
128. 0-129. 0	0. 02	1963. 52	0. 00	99. 32	175. 0-176. 0	0. 09	1976. 78	0. 00	99. 99
129. 0-130. 0	0. 03	1963. 55	0. 00	99. 32	176. 0-177. 0	0. 07	1976. 85	0. 00	100. 00
130. 0-131. 0	0. 05	1963. 60	0. 00	99. 33	177. 0-178. 0	0. 05	1976. 90	0. 00	100. 00
131. 0-132. 0	0. 07	1963. 66	0. 00	99. 33	178. 0-179. 0	0. 03	1976. 93	0. 00	100. 00
132. 0-133. 0	0. 09	1963. 75	0. 00	99. 33	179. 0-180. 0	0. 01	1976. 94	0. 00	100. 00
133. 0-134. 0	0. 11	1963. 86	0. 01	99. 34					
134. 0-135. 0	0. 13	1964. 00	0. 01	99. 35					
135. 0-136. 0	0. 16	1964. 16	0. 01	99. 35					
136. 0-137. 0	0. 18	1964. 34	0. 01	99. 36					
137. 0-138. 0	0. 21	1964. 55	0. 01	99. 37					
138. 0-139. 0	0. 23	1964. 78	0. 01	99. 38					
139. 0-140. 0	0. 26	1965. 04	0. 01	99. 40					
140. 0-141. 0	0. 28	1965. 32	0. 01	99. 41					

Photometric Filename:TR04-25-XX-01 4000K RA90 24D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: TR04-25-XX-01 4000K RA90 24D	Lum. Catelog:	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: 2019/09/23

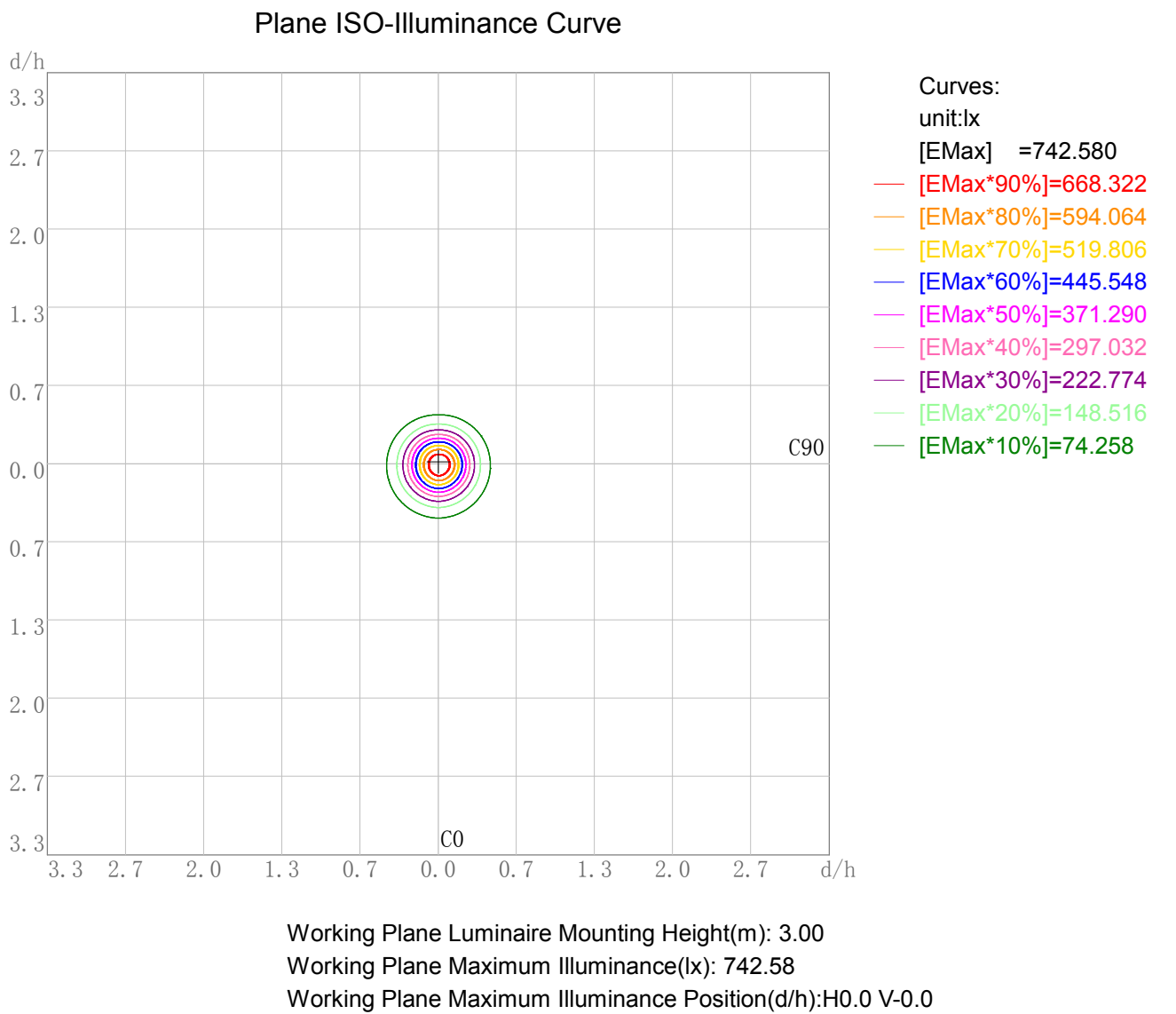


Maximum Light Intensity(cd): 6686.27

Maximum Cand.@Angle: H=-1.0°,V=0.0°

Plane ISO-Illuminance Diagram

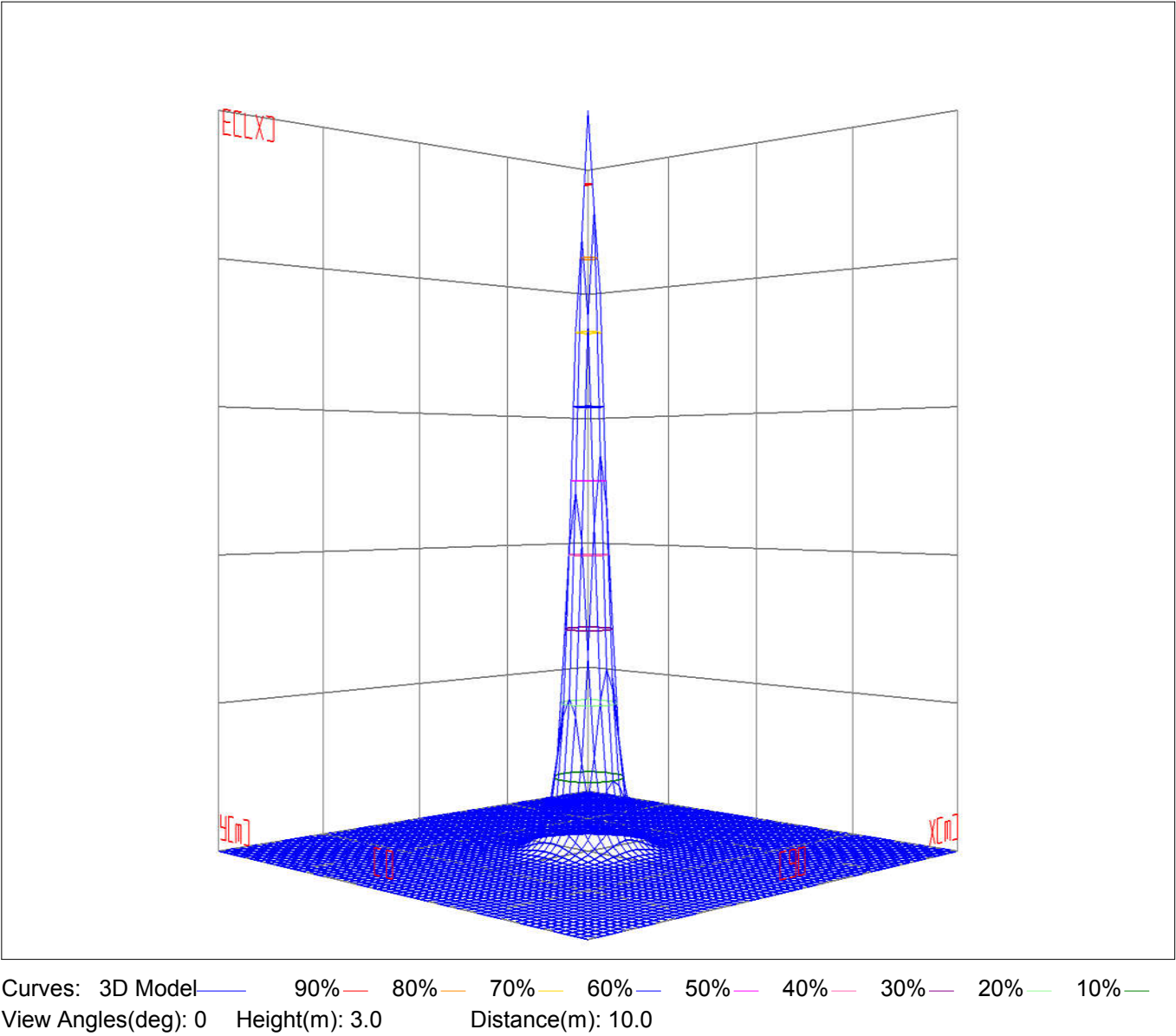
Lum. Name:TR04-25-XX-01 4000K RA90 24D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/23



3D Plane ISO Illuminance Diagram

Lum. Name:TR04-25-XX-01 4000K RA90 24D	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:2019/09/23

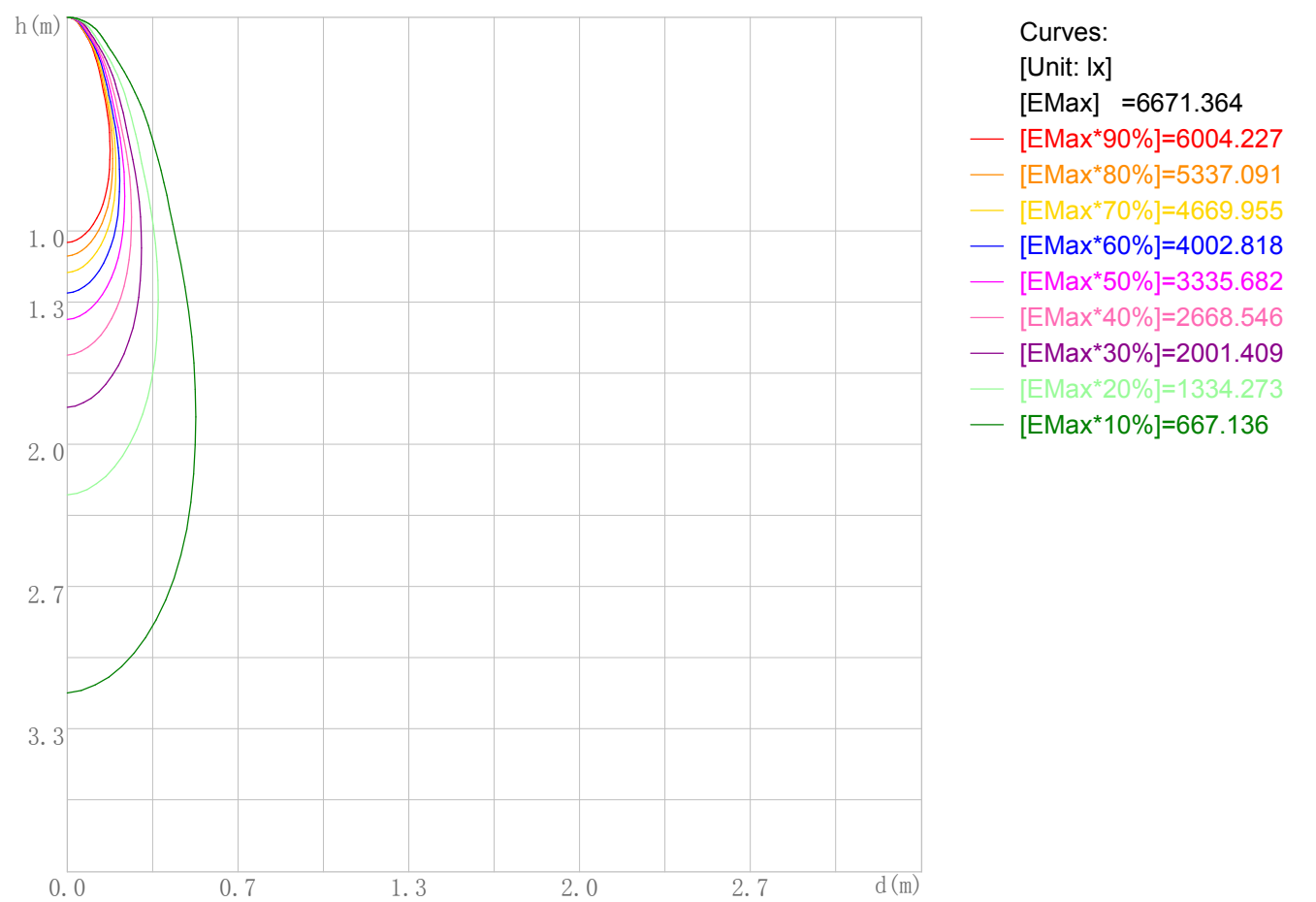
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name:TR04-25-XX-01 4000K RA90 24D	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:2019/09/23

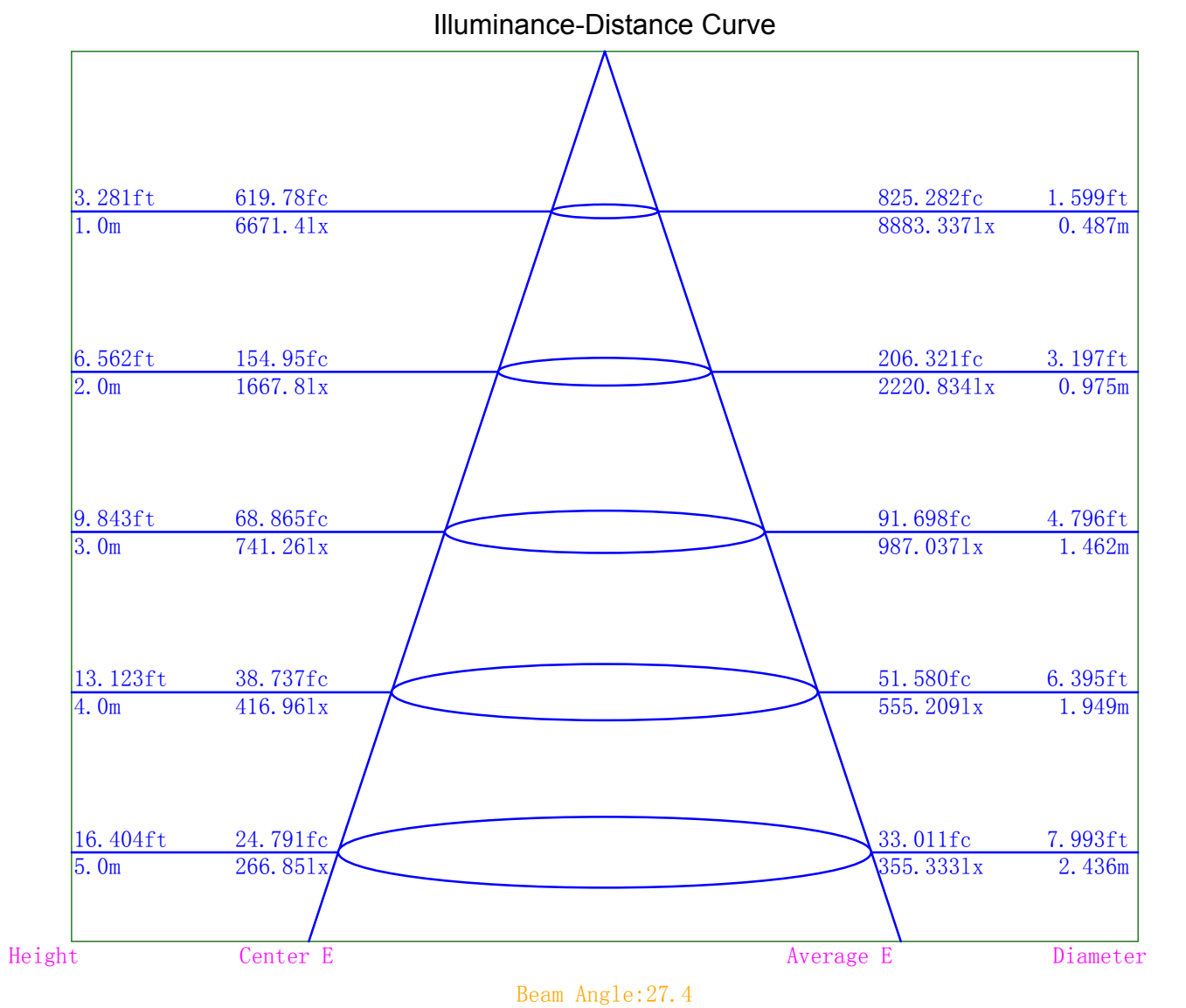
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:6671.36lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:6671.364cd,0eg

Illuminance-Distance Diagram

Lum. Name:TR04-25-XX-01 4000K RA90 24D	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:2019/09/23



Indoor Luminance Limiting Curves

Lum. Name: TR04-25-XX-01 4000K RA90 24D	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: 2019/09/23

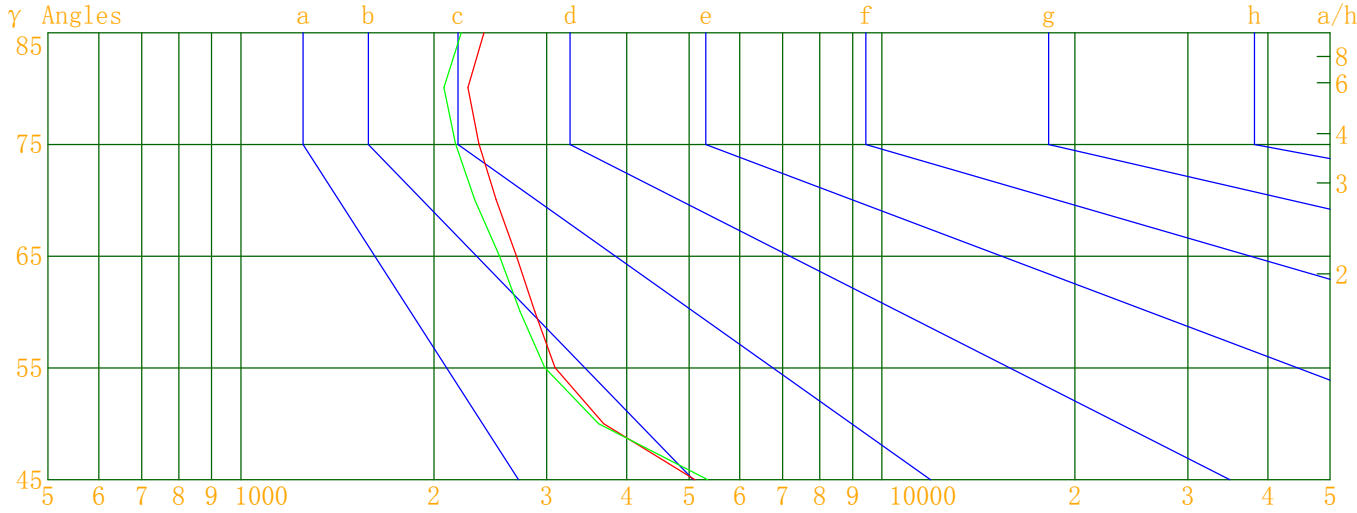
Glare Grade Table

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	5110	3679	3089	2874	2690	2500	2351	2260	2395
C90	5351	3615	2979	2726	2529	2314	2161	2073	2207

Luminance Limiting Curve



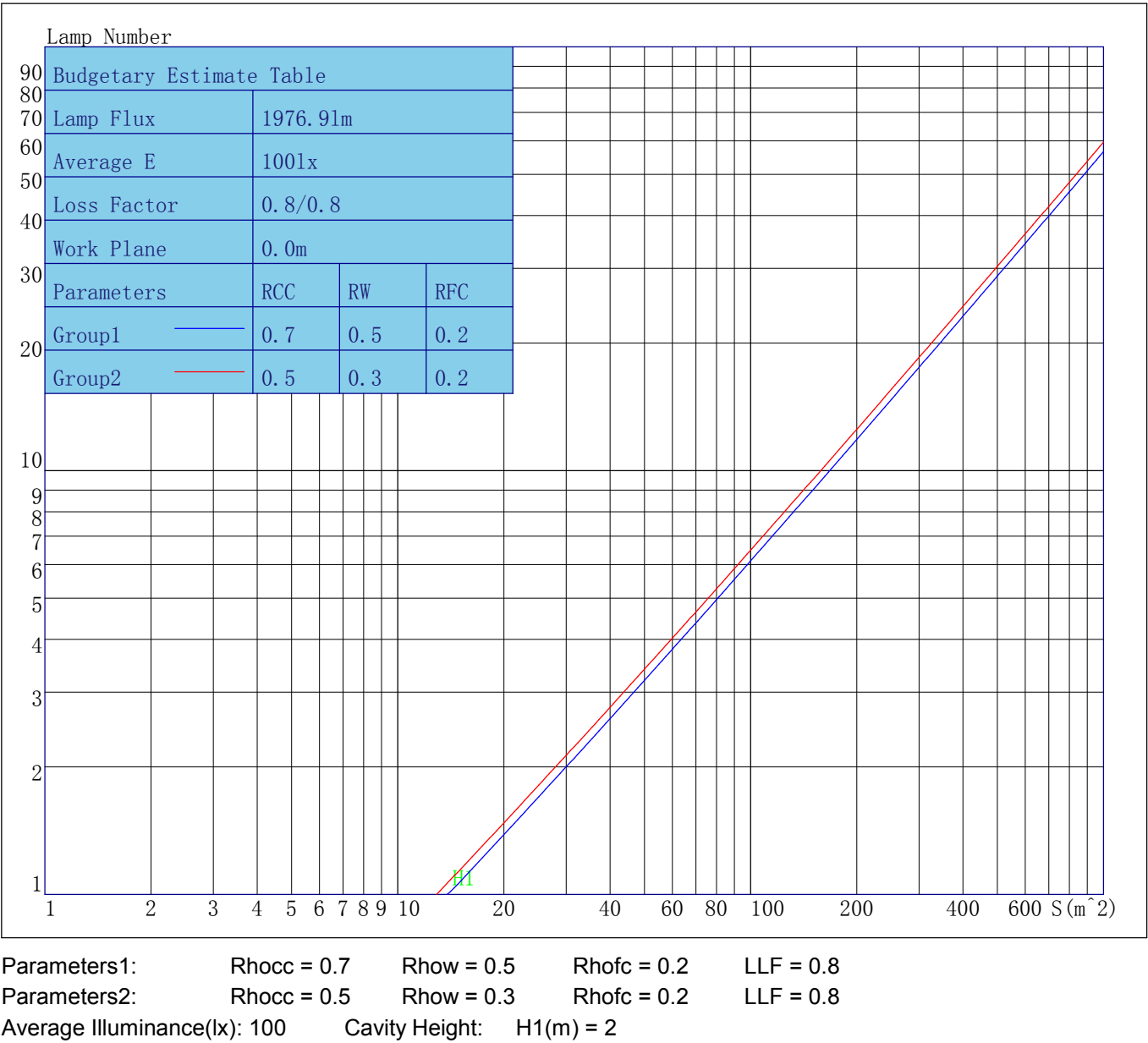
Luminous Size: Length(m)=0.060 Width(m)=0.060 Height(m)=0.250 Area(m^2)=0.018600

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name:TR04-25-XX-01 4000K RA90 24D	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:2019/09/23



Indoor Coefficient of Utilization Table

Lum. Name:TR04-25-XX-01 4000K RA90 24D	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:2019/09/23

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	114	112	109	107	112	109	107	106	105	104	102	101	100	99	98	97	96	94
2	109	105	102	99	107	104	100	98	100	98	95	97	95	93	94	93	91	90
3	105	100	96	92	103	98	95	91	96	93	90	93	91	88	91	89	87	86
4	101	95	90	87	99	94	90	86	92	88	85	90	87	84	88	85	83	82
5	97	91	86	82	96	90	85	82	88	84	81	86	83	80	85	82	80	78
6	94	87	82	78	93	86	81	78	85	81	78	83	80	77	82	79	76	75
7	91	83	78	75	90	83	78	75	81	77	74	80	77	74	79	76	74	72
8	88	80	75	72	87	80	75	72	79	74	72	78	74	71	77	73	71	70
9	85	77	72	69	84	77	72	69	76	72	69	75	71	69	74	71	68	67
10	82	75	70	67	81	74	70	67	73	69	67	73	69	66	72	69	66	65

Unified Glare Rating Table

Lum. Name: TR04-25-XX-01 4000K RA90 24D	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: 2019/09/23

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	11.4	12.3	11.8	12.7	13.0	11.8	12.7	12.2	13.1	13.4
	12.0	12.8	12.4	13.2	13.6	12.3	13.1	12.7	13.4	13.8
	12.3	13.1	12.7	13.4	13.8	12.5	13.2	12.9	13.6	14.0
	12.6	13.2	13.0	13.6	14.1	12.7	13.4	13.1	13.7	14.2
	12.7	13.3	13.1	13.7	14.1	12.7	13.4	13.2	13.8	14.2
	12.7	13.3	13.2	13.7	14.2	12.8	13.4	13.2	13.8	14.2
X=4H Y=2H	11.5	12.3	12.0	12.6	13.1	11.9	12.6	12.3	13.0	13.4
	12.4	13.0	12.8	13.4	13.8	12.5	13.1	12.9	13.5	14.0
	12.8	13.3	13.2	13.7	14.2	12.8	13.4	13.3	13.8	14.3
	13.1	13.6	13.6	14.1	14.6	13.2	13.6	13.6	14.1	14.6
	13.3	13.7	13.8	14.2	14.7	13.3	13.7	13.8	14.1	14.6
	13.4	13.8	13.9	14.3	14.8	13.4	13.7	13.9	14.2	14.7
X=8H Y=4H	12.9	13.3	13.3	13.7	14.2	12.9	13.3	13.4	13.8	14.3
	13.4	13.7	13.9	14.2	14.7	13.3	13.7	13.9	14.2	14.7
	13.6	13.9	14.1	14.4	14.9	13.5	13.8	14.1	14.4	14.9
	13.8	14.0	14.4	14.6	15.2	13.7	14.0	14.3	14.5	15.1
X=12H Y=4H	12.8	13.2	13.3	13.7	14.2	12.9	13.2	13.4	13.7	14.2
	13.4	13.7	13.9	14.1	14.7	13.4	13.6	13.9	14.1	14.7
	13.7	13.9	14.2	14.4	15.0	13.6	13.8	14.1	14.3	14.9
Variations with the objerver position at spacings										
S=1.0H	0.4/-0.4					0.4/-0.4				
S=1.5H	0.7/-0.8					0.7/-0.8				
S=2.0H	0.9/-1.0					1.0/-1.1				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.8					1.6				

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

IES Indoor Report

Photometric Filename:TR04-25-XX-01 4000K RA90 24D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	6671.36	6671.36	6671.36	6671.36
γ 1.0	6627.08	6649.41	6686.27	6614.34
γ 2.0	6528.84	6596.00	6642.45	6535.17
γ 3.0	6388.41	6497.44	6557.85	6409.15
γ 4.0	6207.37	6357.06	6434.90	6244.40
γ 5.0	5978.96	6179.61	6275.30	6045.86
γ 6.0	5719.14	5958.71	6078.96	5806.32
γ 7.0	5430.01	5703.73	5841.59	5532.10
γ 8.0	5113.58	5417.99	5568.19	5229.17
γ 9.0	4778.38	5104.53	5270.51	4912.50
γ 10.0	4426.58	4765.18	4952.06	4575.94
γ 11.0	4054.07	4410.97	4608.47	4225.17
γ 12.0	3674.97	4043.89	4252.67	3863.72
γ 13.0	3296.08	3676.23	3888.16	3499.16
γ 14.0	2927.55	3312.34	3522.02	3143.55
γ 15.0	2592.17	2966.56	3170.44	2817.46
γ 16.0	2279.06	2645.61	2847.57	2510.70
γ 17.0	1995.97	2340.99	2540.62	2223.99
γ 18.0	1734.59	2054.07	2250.43	1951.95
γ 19.0	1495.75	1791.84	1978.22	1699.50
γ 20.0	1280.32	1551.39	1726.27	1471.98
γ 21.0	1091.33	1335.96	1500.04	1273.45
γ 22.0	932.09	1149.24	1303.23	1104.32
γ 23.0	802.99	995.39	1136.16	964.34
γ 24.0	702.26	869.63	995.65	847.97
γ 25.0	621.39	766.17	876.37	747.62
γ 26.0	548.39	674.54	772.05	655.79
γ 27.0	484.56	591.65	680.73	575.07
γ 28.0	430.55	522.33	600.67	508.14
γ 29.0	384.10	464.16	532.12	451.59
γ 30.0	344.52	414.34	473.77	402.78
γ 31.0	310.15	371.39	422.89	359.01
γ 32.0	280.03	333.75	377.21	319.36
γ 33.0	251.59	299.41	336.68	283.63
γ 34.0	226.08	266.72	298.28	251.15
γ 35.0	202.61	237.57	263.51	223.53
γ 36.0	181.12	210.39	232.50	197.83
γ 37.0	161.41	186.41	204.31	174.87
γ 38.0	143.79	164.54	179.15	153.72
γ 39.0	128.30	145.40	156.93	135.04
γ 40.0	114.41	128.40	137.17	118.59
γ 41.0	101.95	113.62	119.47	103.85
γ 42.0	91.14	100.14	103.40	90.65
γ 43.0	81.74	88.51	89.35	79.56
γ 44.0	73.82	78.60	77.47	70.68
γ 45.0	67.21	70.37	68.12	63.51
γ 46.0	61.59	63.60	60.53	57.62

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	56.29	57.81	54.61	52.40
γ 48.0	51.42	52.40	49.16	47.51
γ 49.0	47.13	47.38	44.09	43.35
γ 50.0	43.98	43.22	40.12	40.46
γ 51.0	41.29	40.28	37.50	38.29
γ 52.0	38.84	37.80	35.46	36.37
γ 53.0	36.55	35.52	33.53	34.58
γ 54.0	34.63	33.49	31.84	33.00
γ 55.0	32.95	31.78	30.28	31.75
γ 56.0	31.46	30.22	29.09	30.60
γ 57.0	30.15	28.98	28.05	29.50
γ 58.0	29.01	27.67	26.95	28.41
γ 59.0	27.81	26.56	25.98	27.53
γ 60.0	26.73	25.35	25.01	26.41
γ 61.0	25.56	24.25	24.06	25.38
γ 62.0	24.55	23.09	23.01	24.37
γ 63.0	23.42	22.04	22.13	23.33
γ 64.0	22.21	21.04	21.19	22.23
γ 65.0	21.15	19.88	20.08	21.16
γ 66.0	20.04	18.83	19.14	20.09
γ 67.0	18.95	17.72	18.04	18.94
γ 68.0	17.95	16.75	17.07	17.99
γ 69.0	16.89	15.71	16.08	16.92
γ 70.0	15.90	14.72	15.13	15.93
γ 71.0	14.95	13.79	14.23	14.92
γ 72.0	13.98	12.89	13.32	14.03
γ 73.0	13.09	12.03	12.45	13.04
γ 74.0	12.07	11.20	11.62	12.20
γ 75.0	11.32	10.40	10.86	11.35
γ 76.0	10.38	9.66	10.01	10.61
γ 77.0	9.63	8.88	9.26	9.65
γ 78.0	8.89	8.07	8.57	8.90
γ 79.0	8.09	7.38	7.80	8.12
γ 80.0	7.30	6.70	7.09	7.38
γ 81.0	6.63	6.07	6.41	6.70
γ 82.0	5.88	5.40	5.74	5.96
γ 83.0	5.17	4.78	5.14	5.28
γ 84.0	4.48	4.07	4.51	4.58
γ 85.0	3.88	3.58	3.91	4.01
γ 86.0	3.22	3.04	3.23	3.35
γ 87.0	2.65	2.39	2.78	2.71
γ 88.0	2.13	1.85	2.23	2.23
γ 89.0	1.56	1.33	1.66	1.64
γ 90.0	1.43	0.97	1.27	1.41
γ 91.0	1.28	0.84	1.06	1.26
γ 92.0	1.12	0.64	0.81	1.02
γ 93.0	0.98	0.55	0.66	0.87

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.83	0.34	0.54	0.69
γ 95.0	0.65	0.31	0.36	0.49
γ 96.0	0.67	0.20	0.22	0.34
γ 97.0	0.55	0.08	0.12	0.23
γ 98.0	0.41	0.00	0.00	0.12
γ 99.0	0.27	0.00	0.00	0.00
γ 100.0	0.17	0.00	0.00	0.00
γ 101.0	0.05	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	0.02	0.14
γ 128.0	0.00	0.00	0.22	0.31
γ 129.0	0.13	0.00	0.33	0.53
γ 130.0	0.45	0.00	0.62	0.70
γ 131.0	0.61	0.22	0.89	1.07
γ 132.0	0.91	0.50	1.11	1.30
γ 133.0	1.15	0.77	1.44	1.57
γ 134.0	1.49	1.03	1.67	1.95
γ 135.0	1.90	1.40	2.02	2.24
γ 136.0	2.22	1.74	2.42	2.64
γ 137.0	2.65	2.12	2.81	2.98
γ 138.0	3.02	2.42	3.08	3.40
γ 139.0	3.41	2.82	3.57	3.81
γ 140.0	3.82	3.28	3.94	4.24

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	4.28	3.69	4.37	4.62
γ 142.0	4.70	4.12	4.84	4.98
γ 143.0	5.11	4.54	5.30	5.42
γ 144.0	5.56	4.97	5.68	5.86
γ 145.0	5.91	5.33	6.15	6.33
γ 146.0	6.45	5.76	6.54	6.69
γ 147.0	6.82	6.20	6.86	7.04
γ 148.0	7.20	6.63	7.35	7.41
γ 149.0	7.57	6.92	7.77	7.72
γ 150.0	7.97	7.33	8.08	8.12
γ 151.0	8.24	7.64	8.56	8.43
γ 152.0	8.55	7.95	8.80	8.77
γ 153.0	8.90	8.29	9.09	8.99
γ 154.0	9.10	8.55	9.38	9.20
γ 155.0	9.44	8.78	9.61	9.40
γ 156.0	9.66	9.05	9.89	9.66
γ 157.0	9.84	9.29	10.15	9.79
γ 158.0	10.00	9.47	10.38	9.98
γ 159.0	10.19	9.65	10.50	10.12
γ 160.0	10.33	9.80	10.63	10.23
γ 161.0	10.48	9.98	10.84	10.32
γ 162.0	10.54	10.04	10.93	10.34
γ 163.0	10.61	10.20	10.96	10.43
γ 164.0	10.63	10.23	11.04	10.47
γ 165.0	10.64	10.36	11.09	10.50
γ 166.0	10.66	10.40	11.08	10.49
γ 167.0	10.60	10.42	11.10	10.45
γ 168.0	10.79	10.49	11.08	10.46
γ 169.0	10.65	10.44	10.99	10.41
γ 170.0	10.63	10.33	10.99	10.43
γ 171.0	10.65	10.53	10.89	10.40
γ 172.0	10.64	10.44	10.89	10.36
γ 173.0	10.68	10.49	10.82	10.28
γ 174.0	10.64	10.45	10.80	10.31
γ 175.0	10.69	10.50	10.72	10.28
γ 176.0	10.66	10.55	10.68	10.39
γ 177.0	10.66	10.55	10.78	10.41
γ 178.0	10.66	10.64	10.77	10.47
γ 179.0	10.72	10.68	10.82	10.51
γ 180.0	10.71	10.71	10.71	10.71