

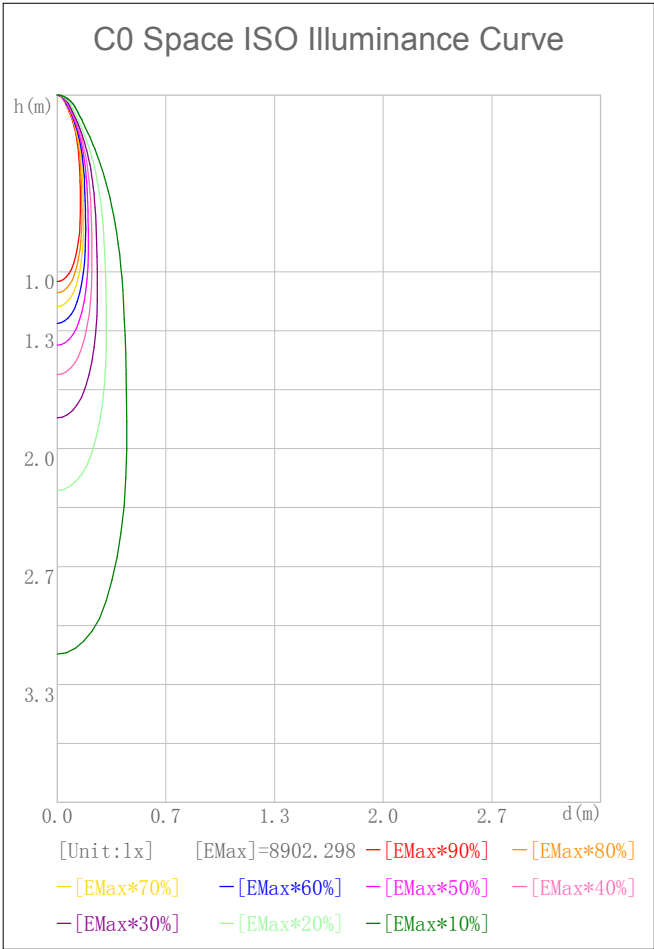
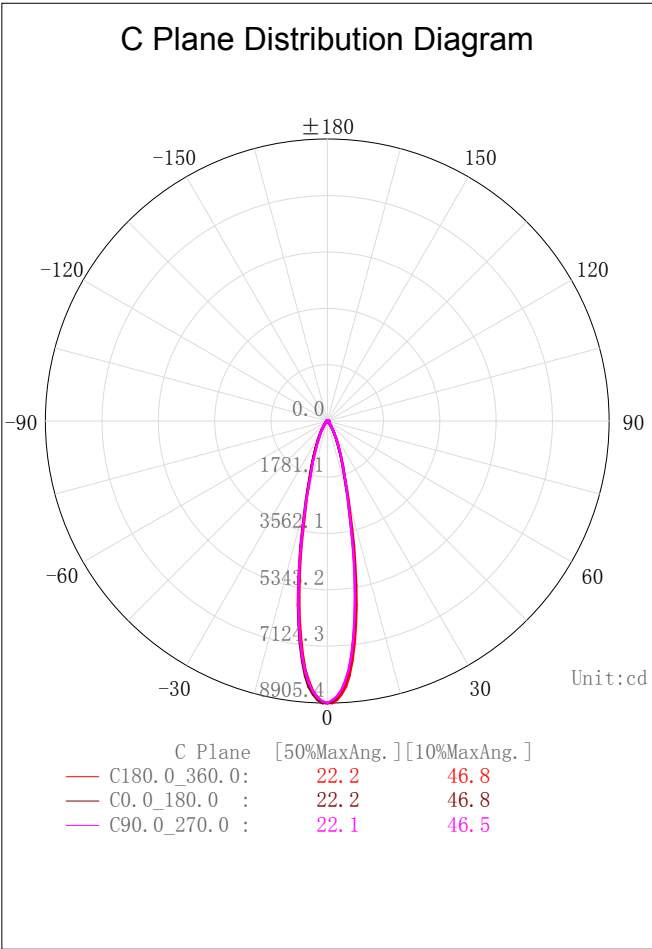
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-25-XX-01 4000K RA90 18D		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

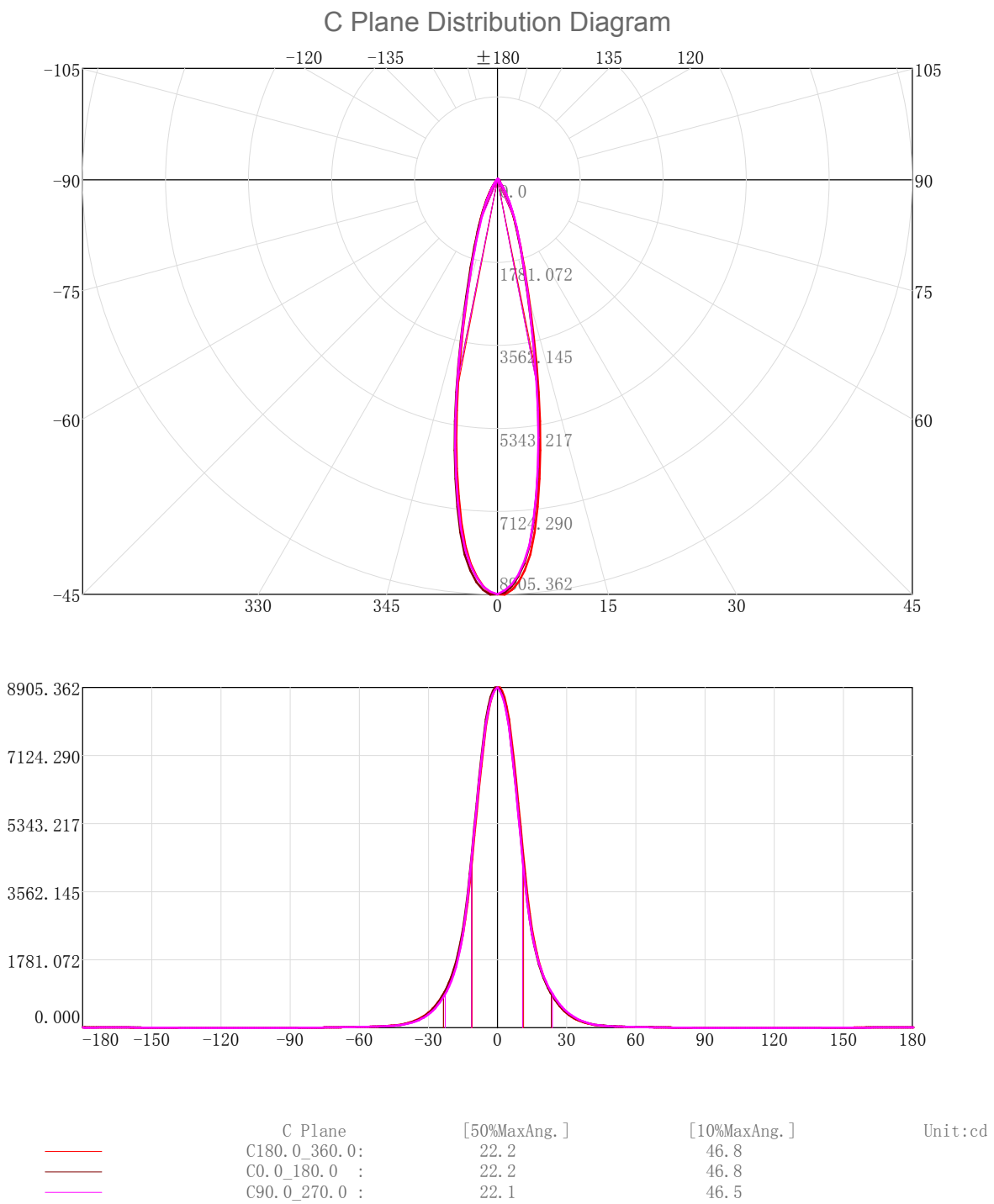
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1993.490	Luminary Flux(lm): 1993.494	Field Angle(10%Imax): 46.8(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1978.506lm 99.25%	
Rated Voltage(V):	Luminary EER(lm/W): 77.267	Up Lumens&Percent: 14.988lm 0.75%	
Tested Power(W): 25.800	Max. Candela(cd): 8905.362	S/MH: C0_a180=0.379 C90_270=0.376	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):239.7, 0.109, 0.984		ErP Φuse(90°): 1903.447lm	
Lamp Size(W*L*H):0.060m*0.060m*0.250m		IRF(%): 955.862	
		Left=-10.9°, Right=11.3°	



2D Plane Light Intensity Distribution Curve

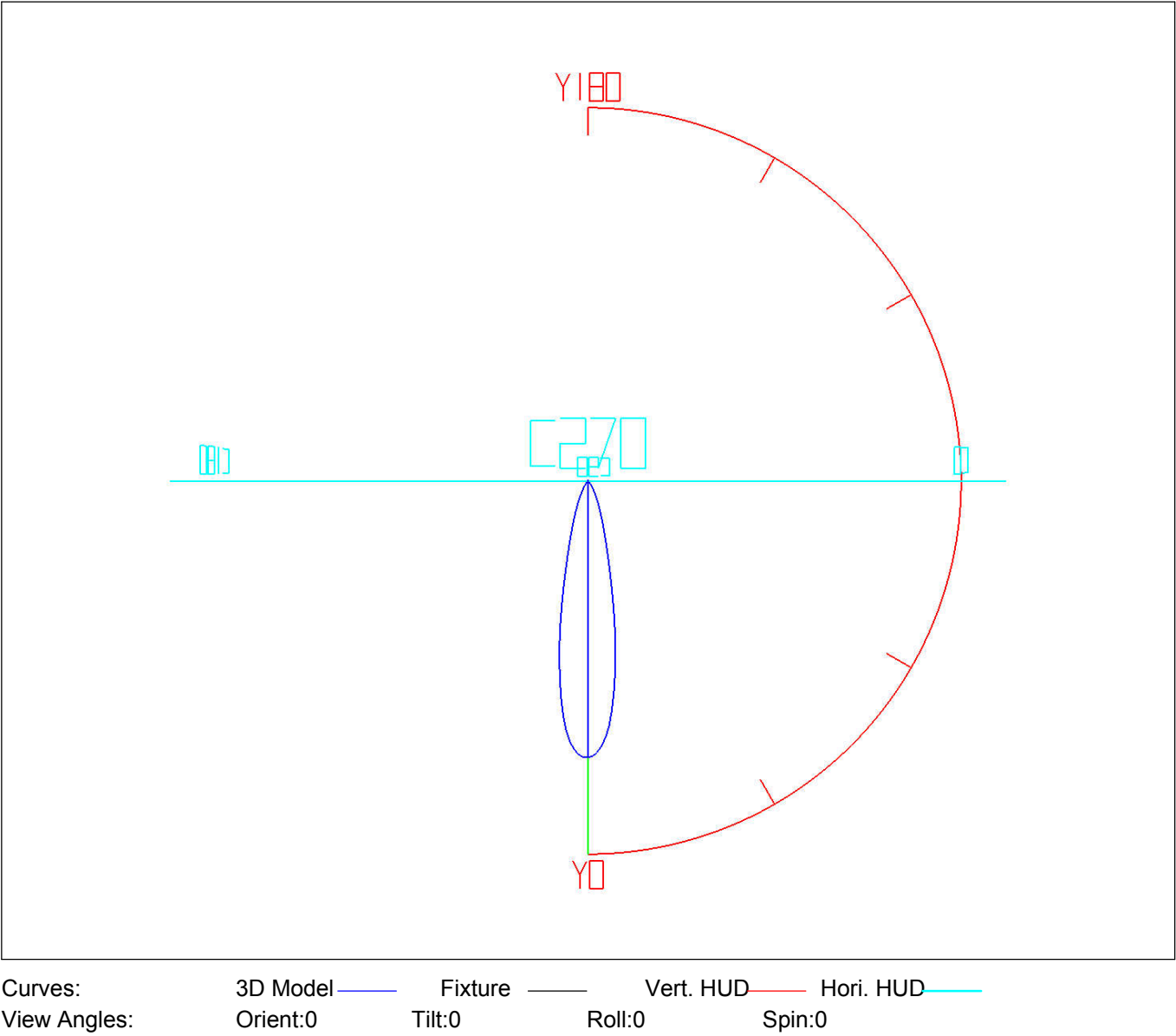
Lum. Name:TR04-25-XX-01 4000K RA90 18D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/23



3D Light Intensity Distribution Modal

Lum. Name:TR04-25-XX-01 4000K RA90 18D	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



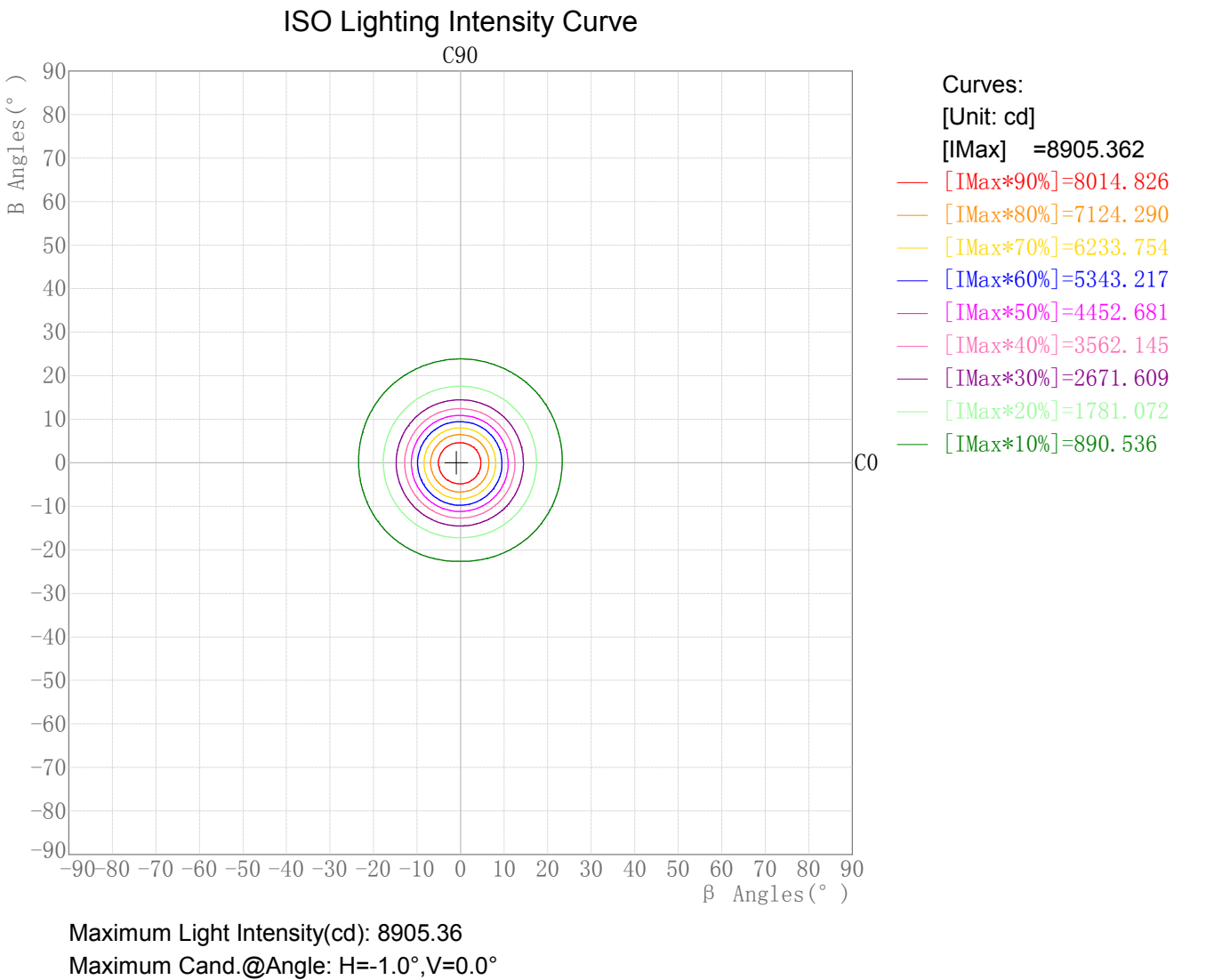
Zonal Flux Tabulation									
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0. 0-1. 0	8. 50	8. 50	0. 43	0. 43	47. 0-48. 0	4. 05	1907. 25	0. 20	95. 67
1. 0-2. 0	25. 26	33. 76	1. 27	1. 69	48. 0-49. 0	3. 80	1911. 04	0. 19	95. 86
2. 0-3. 0	41. 38	75. 13	2. 08	3. 77	49. 0-50. 0	3. 57	1914. 61	0. 18	96. 04
3. 0-4. 0	56. 41	131. 54	2. 83	6. 60	50. 0-51. 0	3. 38	1917. 99	0. 17	96. 21
4. 0-5. 0	69. 88	201. 42	3. 51	10. 10	51. 0-52. 0	3. 23	1921. 23	0. 16	96. 38
5. 0-6. 0	81. 07	282. 49	4. 07	14. 17	52. 0-53. 0	3. 10	1924. 33	0. 16	96. 53
6. 0-7. 0	89. 41	371. 90	4. 48	18. 66	53. 0-54. 0	2. 98	1927. 32	0. 15	96. 68
7. 0-8. 0	94. 98	466. 88	4. 76	23. 42	54. 0-55. 0	2. 88	1930. 19	0. 14	96. 82
8. 0-9. 0	97. 92	564. 80	4. 91	28. 33	55. 0-56. 0	2. 79	1932. 98	0. 14	96. 96
9. 0-10. 0	98. 25	663. 06	4. 93	33. 26	56. 0-57. 0	2. 70	1935. 68	0. 14	97. 10
10. 0-11. 0	96. 09	759. 14	4. 82	38. 08	57. 0-58. 0	2. 62	1938. 30	0. 13	97. 23
11. 0-12. 0	91. 76	850. 91	4. 60	42. 68	58. 0-59. 0	2. 54	1940. 84	0. 13	97. 36
12. 0-13. 0	86. 04	936. 94	4. 32	47. 00	59. 0-60. 0	2. 46	1943. 31	0. 12	97. 48
13. 0-14. 0	79. 85	1016. 79	4. 01	51. 01	60. 0-61. 0	2. 38	1945. 69	0. 12	97. 60
14. 0-15. 0	73. 88	1090. 68	3. 71	54. 71	61. 0-62. 0	2. 30	1947. 99	0. 12	97. 72
15. 0-16. 0	68. 38	1159. 06	3. 43	58. 14	62. 0-63. 0	2. 22	1950. 21	0. 11	97. 83
16. 0-17. 0	63. 33	1222. 39	3. 18	61. 32	63. 0-64. 0	2. 14	1952. 35	0. 11	97. 94
17. 0-18. 0	58. 74	1281. 13	2. 95	64. 27	64. 0-65. 0	2. 04	1954. 39	0. 10	98. 04
18. 0-19. 0	54. 65	1335. 78	2. 74	67. 01	65. 0-66. 0	1. 94	1956. 33	0. 10	98. 14
19. 0-20. 0	50. 94	1386. 72	2. 56	69. 56	66. 0-67. 0	1. 85	1958. 18	0. 09	98. 23
20. 0-21. 0	47. 51	1434. 23	2. 38	71. 95	67. 0-68. 0	1. 76	1959. 93	0. 09	98. 32
21. 0-22. 0	44. 27	1478. 50	2. 22	74. 17	68. 0-69. 0	1. 66	1961. 60	0. 08	98. 40
22. 0-23. 0	41. 15	1519. 65	2. 06	76. 23	69. 0-70. 0	1. 57	1963. 17	0. 08	98. 48
23. 0-24. 0	38. 15	1557. 80	1. 91	78. 14	70. 0-71. 0	1. 48	1964. 65	0. 07	98. 55
24. 0-25. 0	35. 28	1593. 09	1. 77	79. 91	71. 0-72. 0	1. 39	1966. 04	0. 07	98. 62
25. 0-26. 0	32. 49	1625. 58	1. 63	81. 54	72. 0-73. 0	1. 31	1967. 34	0. 07	98. 69
26. 0-27. 0	29. 79	1655. 36	1. 49	83. 04	73. 0-74. 0	1. 23	1968. 57	0. 06	98. 75
27. 0-28. 0	27. 23	1682. 59	1. 37	84. 40	74. 0-75. 0	1. 15	1969. 71	0. 06	98. 81
28. 0-29. 0	24. 84	1707. 44	1. 25	85. 65	75. 0-76. 0	1. 07	1970. 78	0. 05	98. 86
29. 0-30. 0	22. 61	1730. 05	1. 13	86. 78	76. 0-77. 0	0. 99	1971. 77	0. 05	98. 91
30. 0-31. 0	20. 51	1750. 55	1. 03	87. 81	77. 0-78. 0	0. 92	1972. 69	0. 05	98. 96
31. 0-32. 0	18. 55	1769. 10	0. 93	88. 74	78. 0-79. 0	0. 84	1973. 53	0. 04	99. 00
32. 0-33. 0	16. 74	1785. 84	0. 84	89. 58	79. 0-80. 0	0. 77	1974. 30	0. 04	99. 04
33. 0-34. 0	15. 08	1800. 92	0. 76	90. 34	80. 0-81. 0	0. 70	1975. 00	0. 04	99. 07
34. 0-35. 0	13. 57	1814. 49	0. 68	91. 02	81. 0-82. 0	0. 63	1975. 64	0. 03	99. 10
35. 0-36. 0	12. 22	1826. 71	0. 61	91. 63	82. 0-83. 0	0. 57	1976. 21	0. 03	99. 13
36. 0-37. 0	10. 99	1837. 70	0. 55	92. 19	83. 0-84. 0	0. 50	1976. 71	0. 03	99. 16
37. 0-38. 0	9. 89	1847. 59	0. 50	92. 68	84. 0-85. 0	0. 44	1977. 15	0. 02	99. 18
38. 0-39. 0	8. 90	1856. 50	0. 45	93. 13	85. 0-86. 0	0. 38	1977. 53	0. 02	99. 20
39. 0-40. 0	8. 01	1864. 50	0. 40	93. 53	86. 0-87. 0	0. 32	1977. 85	0. 02	99. 22
40. 0-41. 0	7. 20	1871. 70	0. 36	93. 89	87. 0-88. 0	0. 27	1978. 12	0. 01	99. 23
41. 0-42. 0	6. 47	1878. 17	0. 32	94. 22	88. 0-89. 0	0. 21	1978. 34	0. 01	99. 24
42. 0-43. 0	5. 83	1884. 01	0. 29	94. 51	89. 0-90. 0	0. 17	1978. 51	0. 01	99. 25
43. 0-44. 0	5. 33	1889. 34	0. 27	94. 78	90. 0-91. 0	0. 14	1978. 65	0. 01	99. 26
44. 0-45. 0	4. 93	1894. 27	0. 25	95. 02	91. 0-92. 0	0. 12	1978. 77	0. 01	99. 26
45. 0-46. 0	4. 60	1898. 87	0. 23	95. 25	92. 0-93. 0	0. 10	1978. 87	0. 01	99. 27
46. 0-47. 0	4. 32	1903. 19	0. 22	95. 47	93. 0-94. 0	0. 09	1978. 96	0. 00	99. 27

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. 07	1979. 03	0. 00	99. 27	141. 0-142. 0	0. 33	1981. 44	0. 02	99. 40
95. 0-96. 0	0. 06	1979. 09	0. 00	99. 28	142. 0-143. 0	0. 35	1981. 79	0. 02	99. 41
96. 0-97. 0	0. 04	1979. 13	0. 00	99. 28	143. 0-144. 0	0. 38	1982. 17	0. 02	99. 43
97. 0-98. 0	0. 03	1979. 15	0. 00	99. 28	144. 0-145. 0	0. 40	1982. 56	0. 02	99. 45
98. 0-99. 0	0. 02	1979. 17	0. 00	99. 28	145. 0-146. 0	0. 42	1982. 98	0. 02	99. 47
99. 0-100. 0	0. 01	1979. 19	0. 00	99. 28	146. 0-147. 0	0. 43	1983. 41	0. 02	99. 49
100. 0-101. 0	0. 01	1979. 19	0. 00	99. 28	147. 0-148. 0	0. 45	1983. 86	0. 02	99. 52
101. 0-102. 0	0. 01	1979. 20	0. 00	99. 28	148. 0-149. 0	0. 46	1984. 32	0. 02	99. 54
102. 0-103. 0	0. 01	1979. 21	0. 00	99. 28	149. 0-150. 0	0. 47	1984. 78	0. 02	99. 56
103. 0-104. 0	0. 00	1979. 21	0. 00	99. 28	150. 0-151. 0	0. 47	1985. 25	0. 02	99. 59
104. 0-105. 0	0. 00	1979. 21	0. 00	99. 28	151. 0-152. 0	0. 47	1985. 73	0. 02	99. 61
105. 0-106. 0	0. 00	1979. 21	0. 00	99. 28	152. 0-153. 0	0. 47	1986. 20	0. 02	99. 63
106. 0-107. 0	0. 00	1979. 21	0. 00	99. 28	153. 0-154. 0	0. 47	1986. 67	0. 02	99. 66
107. 0-108. 0	0. 00	1979. 21	0. 00	99. 28	154. 0-155. 0	0. 47	1987. 14	0. 02	99. 68
108. 0-109. 0	0. 00	1979. 21	0. 00	99. 28	155. 0-156. 0	0. 46	1987. 60	0. 02	99. 70
109. 0-110. 0	0. 00	1979. 21	0. 00	99. 28	156. 0-157. 0	0. 45	1988. 05	0. 02	99. 73
110. 0-111. 0	0. 00	1979. 21	0. 00	99. 28	157. 0-158. 0	0. 44	1988. 48	0. 02	99. 75
111. 0-112. 0	0. 00	1979. 21	0. 00	99. 28	158. 0-159. 0	0. 42	1988. 91	0. 02	99. 77
112. 0-113. 0	0. 00	1979. 21	0. 00	99. 28	159. 0-160. 0	0. 41	1989. 32	0. 02	99. 79
113. 0-114. 0	0. 00	1979. 21	0. 00	99. 28	160. 0-161. 0	0. 40	1989. 71	0. 02	99. 81
114. 0-115. 0	0. 00	1979. 21	0. 00	99. 28	161. 0-162. 0	0. 38	1990. 09	0. 02	99. 83
115. 0-116. 0	0. 00	1979. 21	0. 00	99. 28	162. 0-163. 0	0. 36	1990. 46	0. 02	99. 85
116. 0-117. 0	0. 00	1979. 21	0. 00	99. 28	163. 0-164. 0	0. 34	1990. 80	0. 02	99. 87
117. 0-118. 0	0. 00	1979. 21	0. 00	99. 28	164. 0-165. 0	0. 33	1991. 13	0. 02	99. 88
118. 0-119. 0	0. 00	1979. 21	0. 00	99. 28	165. 0-166. 0	0. 31	1991. 43	0. 02	99. 90
119. 0-120. 0	0. 00	1979. 21	0. 00	99. 28	166. 0-167. 0	0. 29	1991. 72	0. 01	99. 91
120. 0-121. 0	0. 00	1979. 21	0. 00	99. 28	167. 0-168. 0	0. 27	1991. 99	0. 01	99. 92
121. 0-122. 0	0. 00	1979. 21	0. 00	99. 28	168. 0-169. 0	0. 24	1992. 23	0. 01	99. 94
122. 0-123. 0	0. 00	1979. 21	0. 00	99. 28	169. 0-170. 0	0. 22	1992. 45	0. 01	99. 95
123. 0-124. 0	0. 00	1979. 21	0. 00	99. 28	170. 0-171. 0	0. 20	1992. 65	0. 01	99. 96
124. 0-125. 0	0. 00	1979. 21	0. 00	99. 28	171. 0-172. 0	0. 18	1992. 83	0. 01	99. 97
125. 0-126. 0	0. 00	1979. 22	0. 00	99. 28	172. 0-173. 0	0. 16	1992. 99	0. 01	99. 97
126. 0-127. 0	0. 01	1979. 22	0. 00	99. 28	173. 0-174. 0	0. 13	1993. 12	0. 01	99. 98
127. 0-128. 0	0. 02	1979. 24	0. 00	99. 29	174. 0-175. 0	0. 11	1993. 24	0. 01	99. 99
128. 0-129. 0	0. 02	1979. 26	0. 00	99. 29	175. 0-176. 0	0. 09	1993. 33	0. 00	99. 99
129. 0-130. 0	0. 03	1979. 30	0. 00	99. 29	176. 0-177. 0	0. 07	1993. 40	0. 00	100. 00
130. 0-131. 0	0. 05	1979. 34	0. 00	99. 29	177. 0-178. 0	0. 05	1993. 45	0. 00	100. 00
131. 0-132. 0	0. 07	1979. 41	0. 00	99. 29	178. 0-179. 0	0. 03	1993. 48	0. 00	100. 00
132. 0-133. 0	0. 09	1979. 50	0. 00	99. 30	179. 0-180. 0	0. 01	1993. 49	0. 00	100. 00
133. 0-134. 0	0. 11	1979. 61	0. 01	99. 30					
134. 0-135. 0	0. 13	1979. 74	0. 01	99. 31					
135. 0-136. 0	0. 16	1979. 90	0. 01	99. 32					
136. 0-137. 0	0. 19	1980. 09	0. 01	99. 33					
137. 0-138. 0	0. 21	1980. 30	0. 01	99. 34					
138. 0-139. 0	0. 24	1980. 55	0. 01	99. 35					
139. 0-140. 0	0. 27	1980. 82	0. 01	99. 36					
140. 0-141. 0	0. 30	1981. 12	0. 02	99. 38					

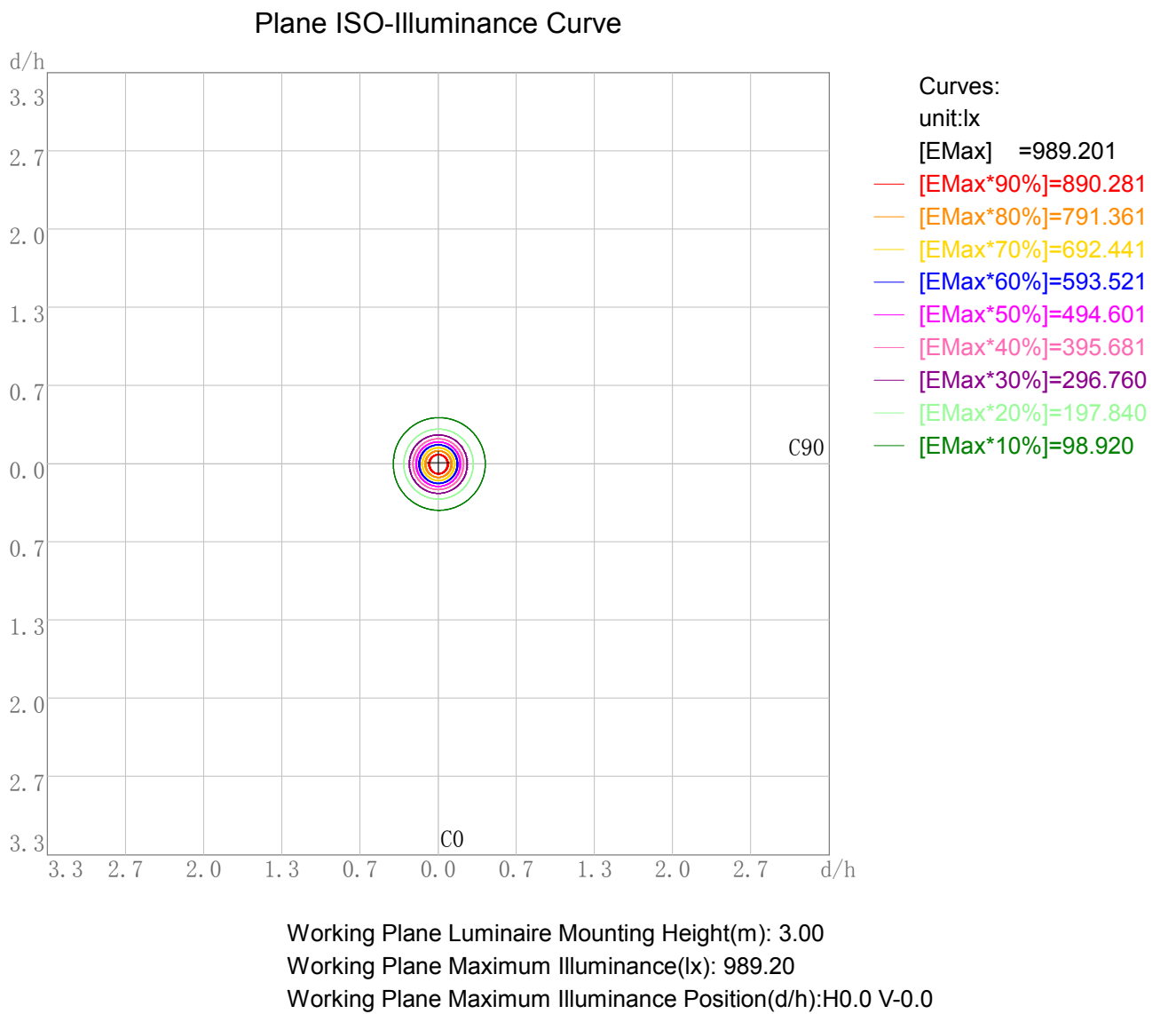
Rectangle ISO Lighting Intensity Diagram

Lum. Name:TR04-25-XX-01 4000K RA90 18D	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



Plane ISO-Illuminance Diagram

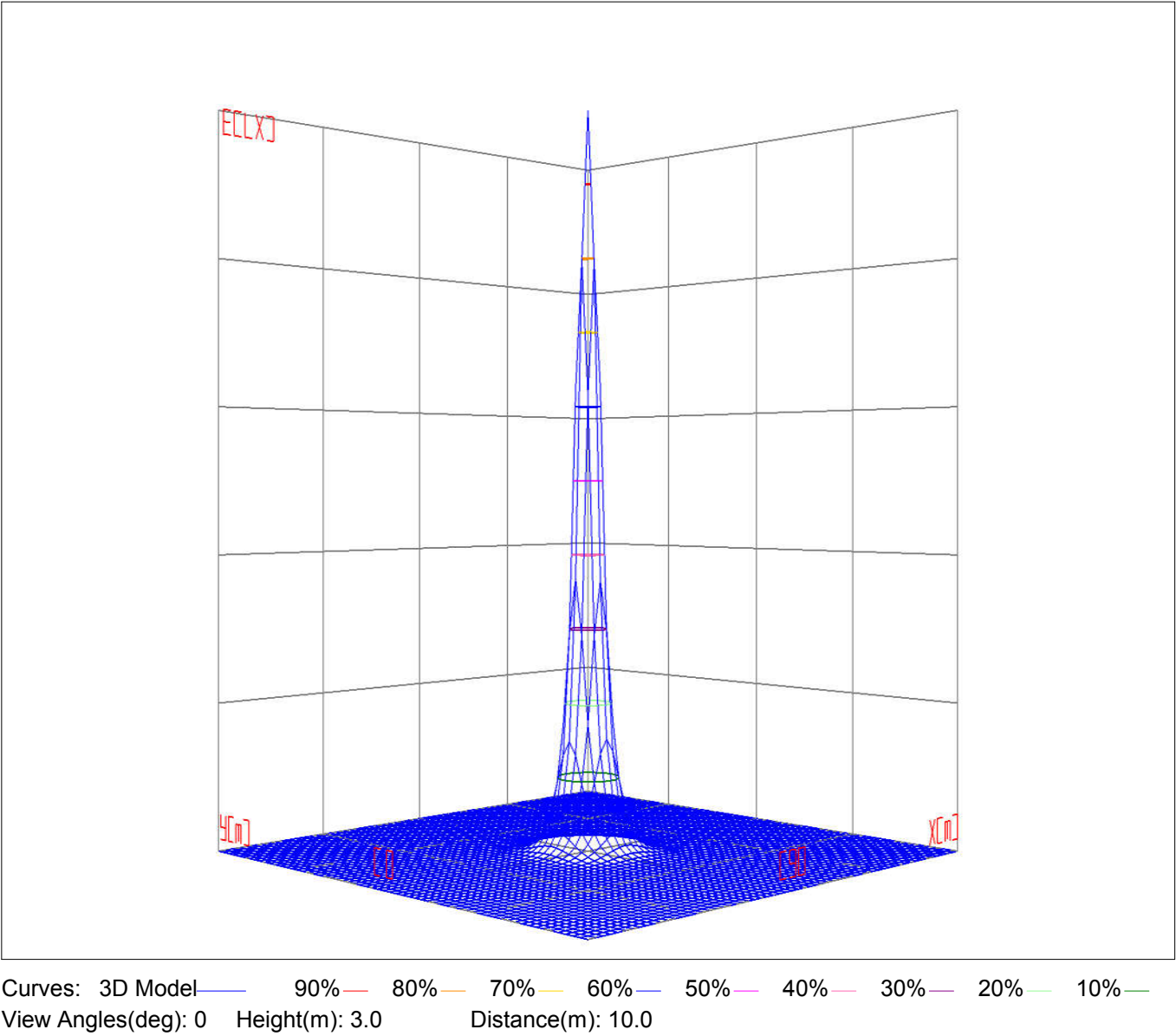
Lum. Name:TR04-25-XX-01 4000K RA90 18D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/23



3D Plane ISO Illuminance Diagram

Lum. Name: TR04-25-XX-01 4000K RA90 18D	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

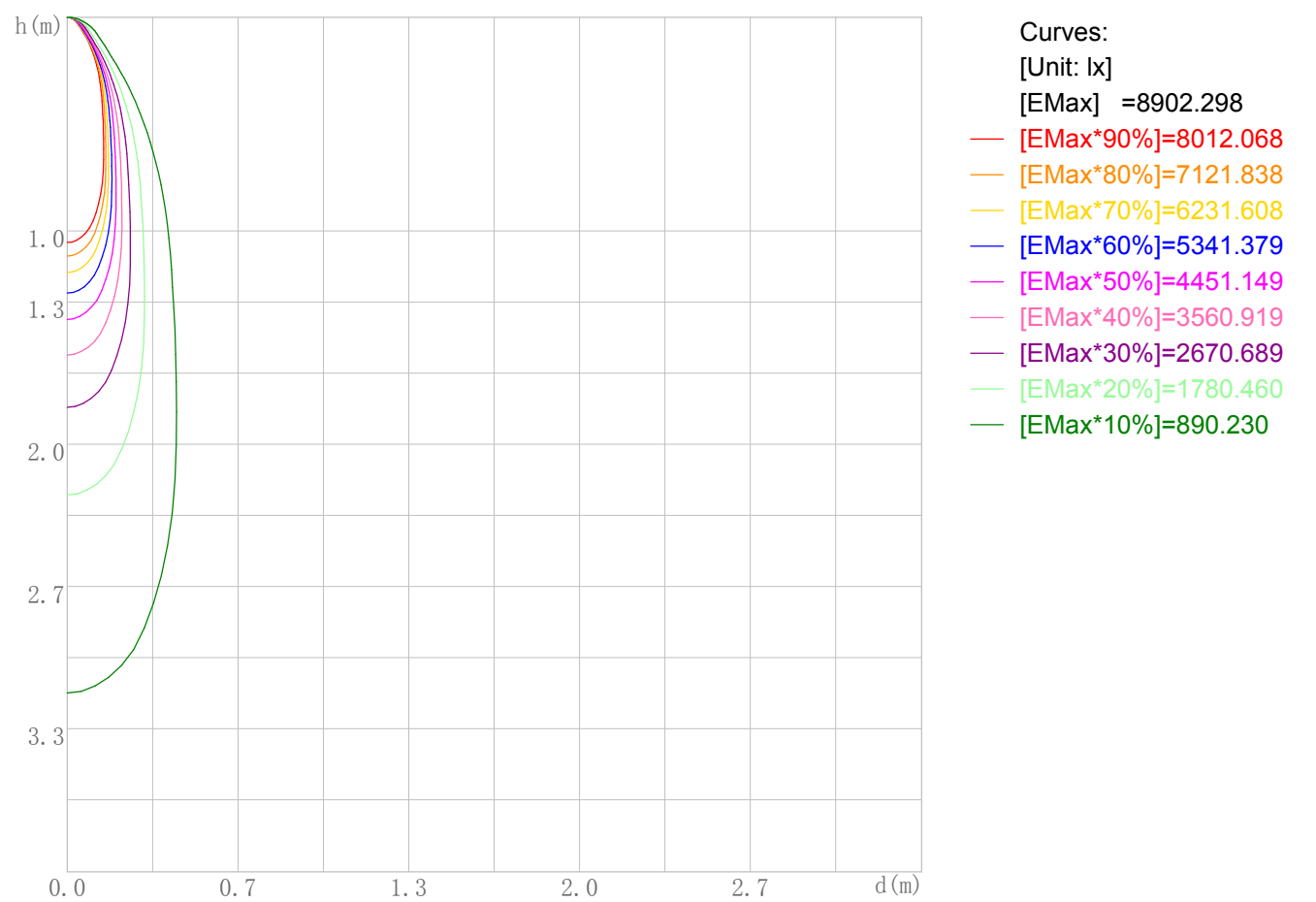
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name:TR04-25-XX-01 4000K RA90 18D	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

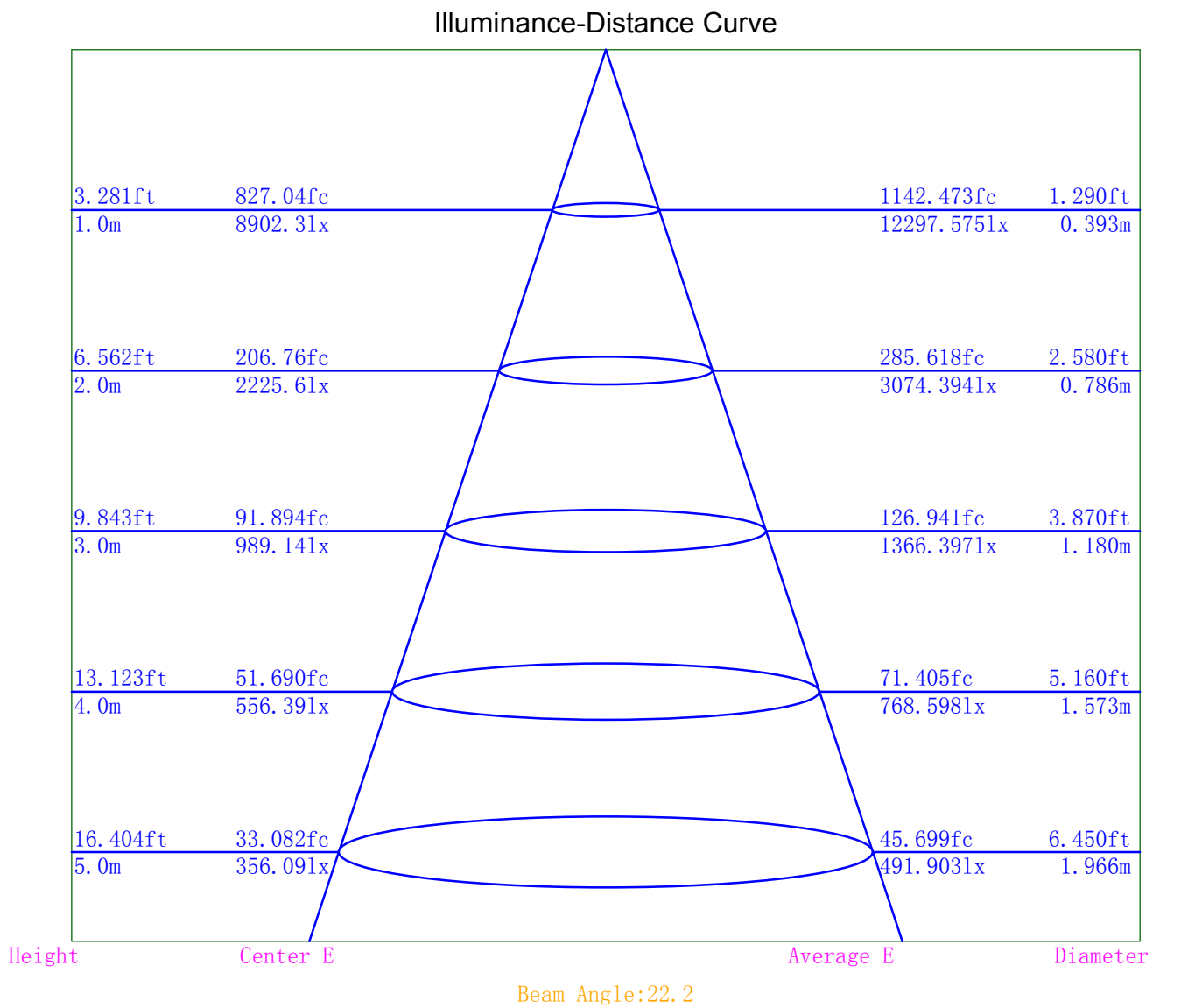
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:8902.30lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:8902.298cd,0eg

Illuminance-Distance Diagram

Lum. Name:TR04-25-XX-01 4000K RA90 18D	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 18D	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

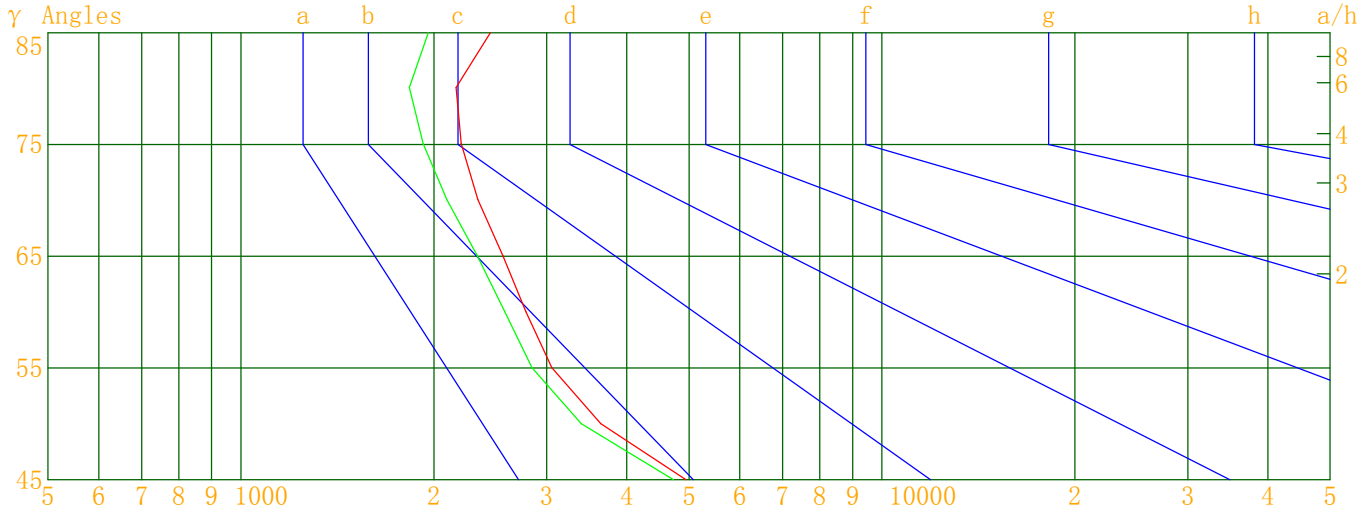
Glare Grade Table

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	4946	3643	3055	2783	2563	2342	2205	2166	2451
C90	4731	3395	2844	2580	2337	2095	1925	1830	1960

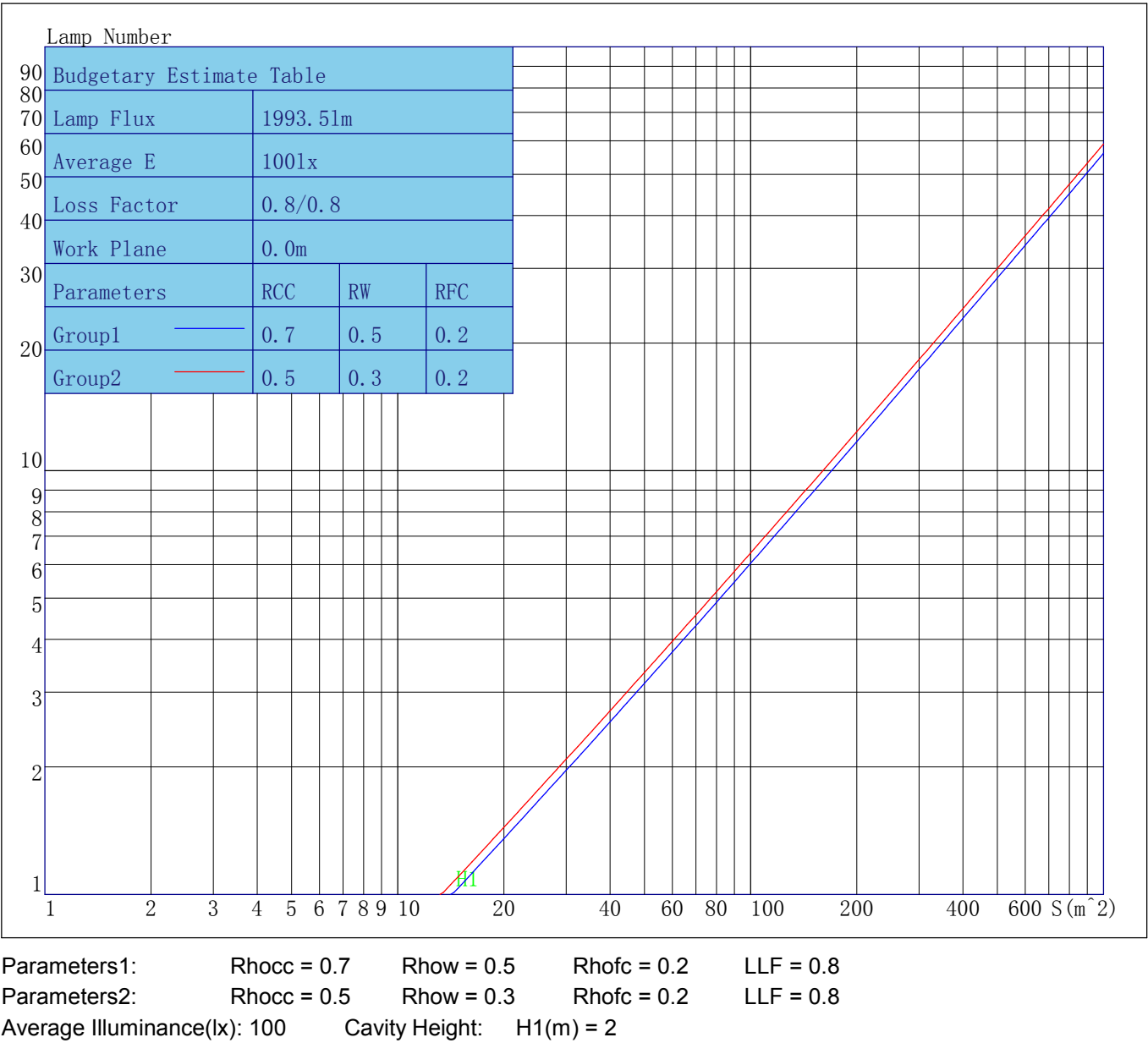
Luminance Limiting Curve



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 18D	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 18D	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	110	108	112	110	108	106	105	104	103	102	101	99	98	97	96	95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	93	92	90
3	106	101	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	85	89	86	84	83
5	98	92	87	84	97	91	87	83	89	86	83	88	84	82	86	83	81	80
6	95	88	84	80	94	88	83	80	86	82	79	85	81	79	83	81	78	77
7	92	85	80	77	91	84	80	77	83	79	76	82	79	76	81	78	76	75
8	89	82	77	74	88	82	77	74	80	77	74	80	76	74	79	76	73	72
9	87	79	75	72	86	79	75	72	78	74	71	77	74	71	76	73	71	70
10	84	77	72	70	83	76	72	69	76	72	69	75	72	69	74	71	69	68

Unified Glare Rating Table

Lum. Name: TR04-25-XX-01 4000K RA90 18D	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	11.3	12.3	11.7	12.6	12.9	11.4	12.3	11.7	12.6	13.0
	Y=3H	11.9	12.7	12.3	13.0	13.4	11.8	12.6	12.2	13.0	13.4
	Y=4H	12.1	12.9	12.5	13.3	13.7	12.0	12.7	12.4	13.1	13.5
	Y=6H	12.3	13.1	12.8	13.4	13.9	12.1	12.8	12.6	13.2	13.6
	Y=8H	12.4	13.1	12.9	13.5	13.9	12.2	12.8	12.6	13.3	13.7
	Y=12H	12.5	13.1	13.0	13.5	14.0	12.2	12.9	12.7	13.3	13.7
X=4H	Y=2H	11.4	12.2	11.8	12.6	13.0	11.4	12.2	11.8	12.6	13.0
	Y=3H	12.1	12.8	12.6	13.2	13.6	12.0	12.7	12.5	13.1	13.5
	Y=4H	12.5	13.1	13.0	13.5	14.0	12.3	12.9	12.8	13.3	13.8
	Y=6H	12.9	13.4	13.4	13.8	14.3	12.6	13.1	13.1	13.5	14.0
	Y=8H	13.0	13.5	13.5	13.9	14.4	12.7	13.1	13.2	13.6	14.1
	Y=12H	13.2	13.5	13.7	14.0	14.5	12.8	13.2	13.3	13.7	14.2
X=8H	Y=4H	12.6	13.0	13.1	13.5	14.0	12.4	12.8	12.9	13.3	13.8
	Y=6H	13.1	13.4	13.6	13.9	14.5	12.8	13.1	13.3	13.6	14.2
	Y=8H	13.3	13.6	13.9	14.2	14.7	13.0	13.3	13.5	13.8	14.3
	Y=12H	13.6	13.8	14.1	14.3	14.9	13.1	13.4	13.7	13.9	14.5
X=12H	Y=4H	12.6	13.0	13.1	13.5	14.0	12.4	12.7	12.9	13.2	13.7
	Y=6H	13.1	13.4	13.6	13.9	14.5	12.8	13.1	13.3	13.6	14.2
	Y=8H	13.4	13.6	13.9	14.2	14.8	13.0	13.3	13.6	13.8	14.4
Variations with the objerver position at spacings											
S=1.0H		0.3/-0.3					0.4/-0.4				
S=1.5H		0.7/-0.7					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					1.5				

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 18D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	8902.30	8902.30	8902.30	8902.30
γ 1.0	8865.39	8813.83	8905.36	8842.54
γ 2.0	8730.59	8693.67	8811.95	8734.92
γ 3.0	8530.28	8493.56	8649.46	8555.04
γ 4.0	8252.73	8219.61	8405.78	8302.26
γ 5.0	7889.68	7864.85	8072.22	7968.92
γ 6.0	7399.36	7377.24	7613.48	7517.15
γ 7.0	6843.73	6813.22	7071.87	6979.89
γ 8.0	6258.85	6222.15	6486.27	6410.78
γ 9.0	5650.55	5608.09	5880.39	5813.87
γ 10.0	5030.98	4983.61	5264.79	5196.60
γ 11.0	4407.75	4357.46	4644.71	4580.04
γ 12.0	3810.12	3772.45	4037.01	3967.14
γ 13.0	3278.13	3263.50	3478.15	3392.28
γ 14.0	2830.48	2832.68	2990.22	2888.03
γ 15.0	2460.16	2470.44	2589.47	2466.05
γ 16.0	2147.82	2162.72	2251.15	2119.83
γ 17.0	1880.41	1906.09	1967.47	1830.77
γ 18.0	1657.37	1690.72	1725.11	1593.47
γ 19.0	1470.08	1510.35	1520.56	1396.54
γ 20.0	1308.38	1353.84	1343.17	1230.79
γ 21.0	1166.17	1215.47	1191.29	1087.36
γ 22.0	1039.43	1091.40	1057.16	962.79
γ 23.0	925.45	979.47	936.54	852.59
γ 24.0	824.22	877.48	829.63	755.15
γ 25.0	733.53	784.85	733.56	668.44
γ 26.0	651.99	698.25	646.30	588.66
γ 27.0	578.83	620.08	569.35	516.57
γ 28.0	512.63	550.45	500.66	453.92
γ 29.0	453.75	488.13	438.87	399.85
γ 30.0	401.58	431.64	384.41	351.12
γ 31.0	354.69	380.67	335.99	307.57
γ 32.0	311.68	335.88	293.42	269.74
γ 33.0	273.88	295.26	256.81	236.28
γ 34.0	241.13	257.95	225.18	206.73
γ 35.0	211.68	225.93	197.89	181.54
γ 36.0	186.64	197.49	174.15	159.45
γ 37.0	164.50	172.90	152.63	140.45
γ 38.0	144.95	151.66	134.03	124.24
γ 39.0	127.71	132.58	117.72	110.54
γ 40.0	112.24	115.41	103.70	98.27
γ 41.0	98.76	101.75	91.30	87.39
γ 42.0	87.50	87.16	80.46	77.85
γ 43.0	78.48	76.82	71.68	70.04
γ 44.0	71.10	68.72	64.58	63.76
γ 45.0	65.06	62.22	59.11	58.74
γ 46.0	59.90	56.99	54.35	54.41

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	55.18	52.34	50.24	50.87
γ 48.0	50.65	47.96	46.38	47.55
γ 49.0	46.63	43.76	42.78	44.17
γ 50.0	43.55	40.59	39.56	41.18
γ 51.0	40.86	37.99	37.23	38.92
γ 52.0	38.44	35.75	35.34	36.99
γ 53.0	36.21	33.69	33.72	35.31
γ 54.0	34.24	31.95	32.18	33.48
γ 55.0	32.59	30.35	30.90	32.07
γ 56.0	31.05	29.03	29.78	30.81
γ 57.0	29.63	27.73	28.61	29.75
γ 58.0	28.33	26.43	27.68	28.55
γ 59.0	27.10	25.23	26.69	27.54
γ 60.0	25.88	23.99	25.55	26.48
γ 61.0	24.74	22.82	24.58	25.56
γ 62.0	23.63	21.86	23.53	24.46
γ 63.0	22.44	20.72	22.59	23.50
γ 64.0	21.31	19.52	21.53	22.42
γ 65.0	20.15	18.37	20.40	21.24
γ 66.0	18.95	17.25	19.26	20.13
γ 67.0	18.01	16.19	18.16	18.97
γ 68.0	16.94	15.21	17.12	18.00
γ 69.0	15.91	14.25	16.08	16.90
γ 70.0	14.90	13.33	15.03	15.89
γ 71.0	14.02	12.44	14.01	14.91
γ 72.0	13.03	11.60	13.11	13.86
γ 73.0	12.24	10.87	12.27	12.99
γ 74.0	11.40	10.03	11.34	12.16
γ 75.0	10.62	9.27	10.65	11.23
γ 76.0	9.88	8.60	9.79	10.48
γ 77.0	9.10	7.92	9.00	9.65
γ 78.0	8.33	7.21	8.31	8.86
γ 79.0	7.67	6.58	7.57	8.13
γ 80.0	6.99	5.91	6.84	7.44
γ 81.0	6.44	5.30	6.13	6.79
γ 82.0	5.67	4.78	5.61	6.07
γ 83.0	5.14	4.29	4.95	5.40
γ 84.0	4.54	3.61	4.30	4.80
γ 85.0	3.97	3.18	3.65	4.14
γ 86.0	3.45	2.66	3.18	3.58
γ 87.0	2.94	2.23	2.62	2.97
γ 88.0	2.48	1.73	2.12	2.48
γ 89.0	1.96	1.28	1.62	1.96
γ 90.0	1.76	1.10	1.24	1.55
γ 91.0	1.57	0.92	1.00	1.35
γ 92.0	1.39	0.77	0.83	1.10
γ 93.0	1.29	0.60	0.63	0.93

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.13	0.49	0.54	0.78
γ 95.0	0.98	0.47	0.28	0.57
γ 96.0	0.80	0.30	0.20	0.44
γ 97.0	0.73	0.16	0.00	0.22
γ 98.0	0.58	0.16	0.00	0.16
γ 99.0	0.44	0.01	0.00	0.05
γ 100.0	0.37	0.00	0.00	0.00
γ 101.0	0.31	0.00	0.00	0.00
γ 102.0	0.27	0.00	0.00	0.00
γ 103.0	0.12	0.00	0.00	0.00
γ 104.0	0.09	0.00	0.00	0.00
γ 105.0	0.03	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	0.01	0.03
γ 126.0	0.00	0.00	0.14	0.08
γ 127.0	0.00	0.00	0.21	0.26
γ 128.0	0.00	0.00	0.50	0.47
γ 129.0	0.00	0.00	0.65	0.63
γ 130.0	0.13	0.00	0.92	0.82
γ 131.0	0.39	0.18	1.10	1.07
γ 132.0	0.63	0.40	1.42	1.28
γ 133.0	0.86	0.69	1.73	1.59
γ 134.0	1.14	1.03	2.04	1.86
γ 135.0	1.57	1.36	2.48	2.23
γ 136.0	1.90	1.72	2.84	2.68
γ 137.0	2.26	2.06	3.32	3.03
γ 138.0	2.68	2.54	3.73	3.52
γ 139.0	3.17	2.88	4.19	3.99
γ 140.0	3.61	3.42	4.73	4.45

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	4.04	3.94	5.17	4.97
γ 142.0	4.55	4.35	5.71	5.39
γ 143.0	5.04	4.87	6.18	5.97
γ 144.0	5.52	5.37	6.72	6.43
γ 145.0	5.97	5.78	7.14	6.91
γ 146.0	6.52	6.34	7.66	7.26
γ 147.0	6.96	6.76	8.09	7.69
γ 148.0	7.40	7.18	8.42	8.08
γ 149.0	7.75	7.61	8.90	8.61
γ 150.0	8.22	7.84	9.23	8.88
γ 151.0	8.59	8.27	9.57	9.19
γ 152.0	8.89	8.59	9.88	9.50
γ 153.0	9.28	8.89	10.17	9.66
γ 154.0	9.52	9.10	10.35	10.02
γ 155.0	9.78	9.35	10.59	10.16
γ 156.0	9.97	9.57	10.79	10.36
γ 157.0	10.19	9.73	10.99	10.46
γ 158.0	10.29	9.88	11.05	10.63
γ 159.0	10.51	10.02	11.24	10.74
γ 160.0	10.68	10.25	11.37	10.80
γ 161.0	10.79	10.31	11.53	10.87
γ 162.0	10.86	10.45	11.52	10.98
γ 163.0	10.97	10.59	11.56	10.99
γ 164.0	11.02	10.73	11.57	11.03
γ 165.0	11.08	10.72	11.70	11.07
γ 166.0	11.18	10.85	11.77	11.05
γ 167.0	11.18	10.91	11.75	11.01
γ 168.0	11.18	10.87	11.65	10.98
γ 169.0	11.13	10.90	11.61	10.96
γ 170.0	11.17	10.98	11.60	10.86
γ 171.0	11.10	10.88	11.45	10.87
γ 172.0	10.96	10.93	11.36	10.65
γ 173.0	10.95	10.81	11.25	10.64
γ 174.0	10.86	10.74	11.19	10.55
γ 175.0	10.70	10.69	11.14	10.49
γ 176.0	10.76	10.75	11.04	10.43
γ 177.0	10.69	10.62	11.02	10.48
γ 178.0	10.72	10.65	10.93	10.49
γ 179.0	10.78	10.66	10.89	10.45
γ 180.0	10.72	10.72	10.72	10.72