

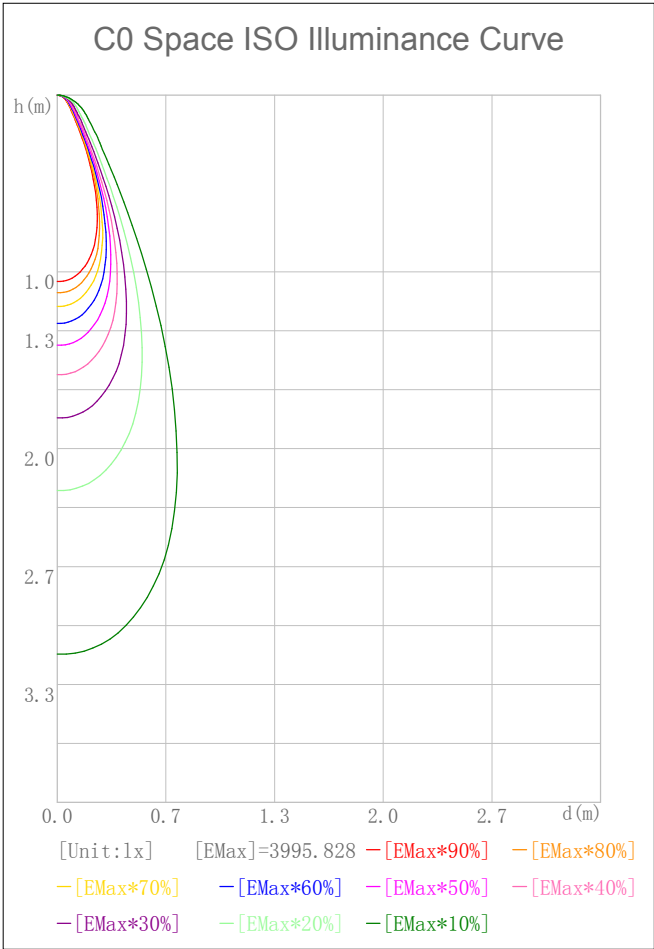
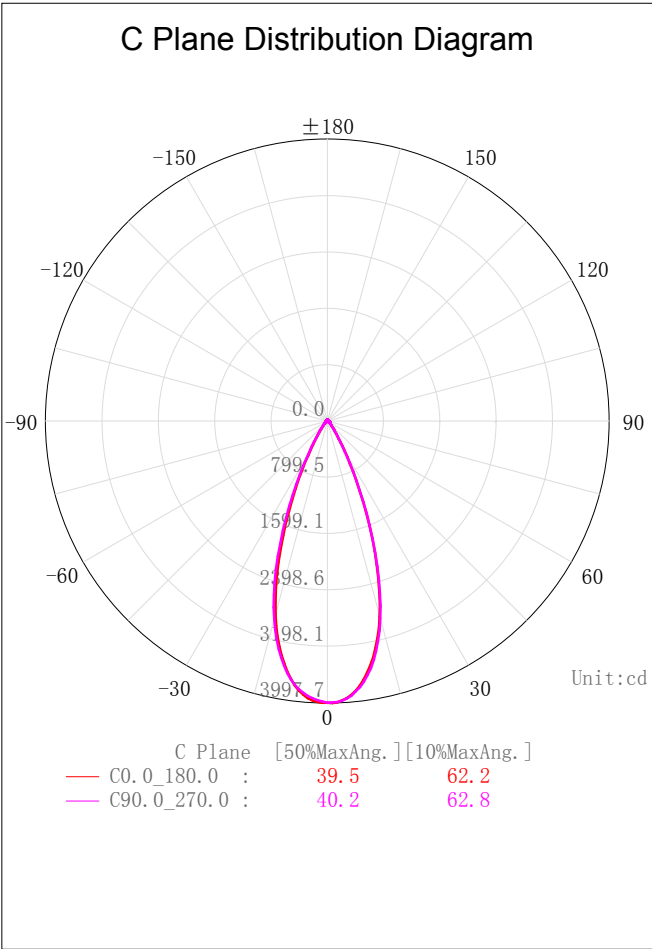
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-25-XX-01 4000K RA90 36D		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

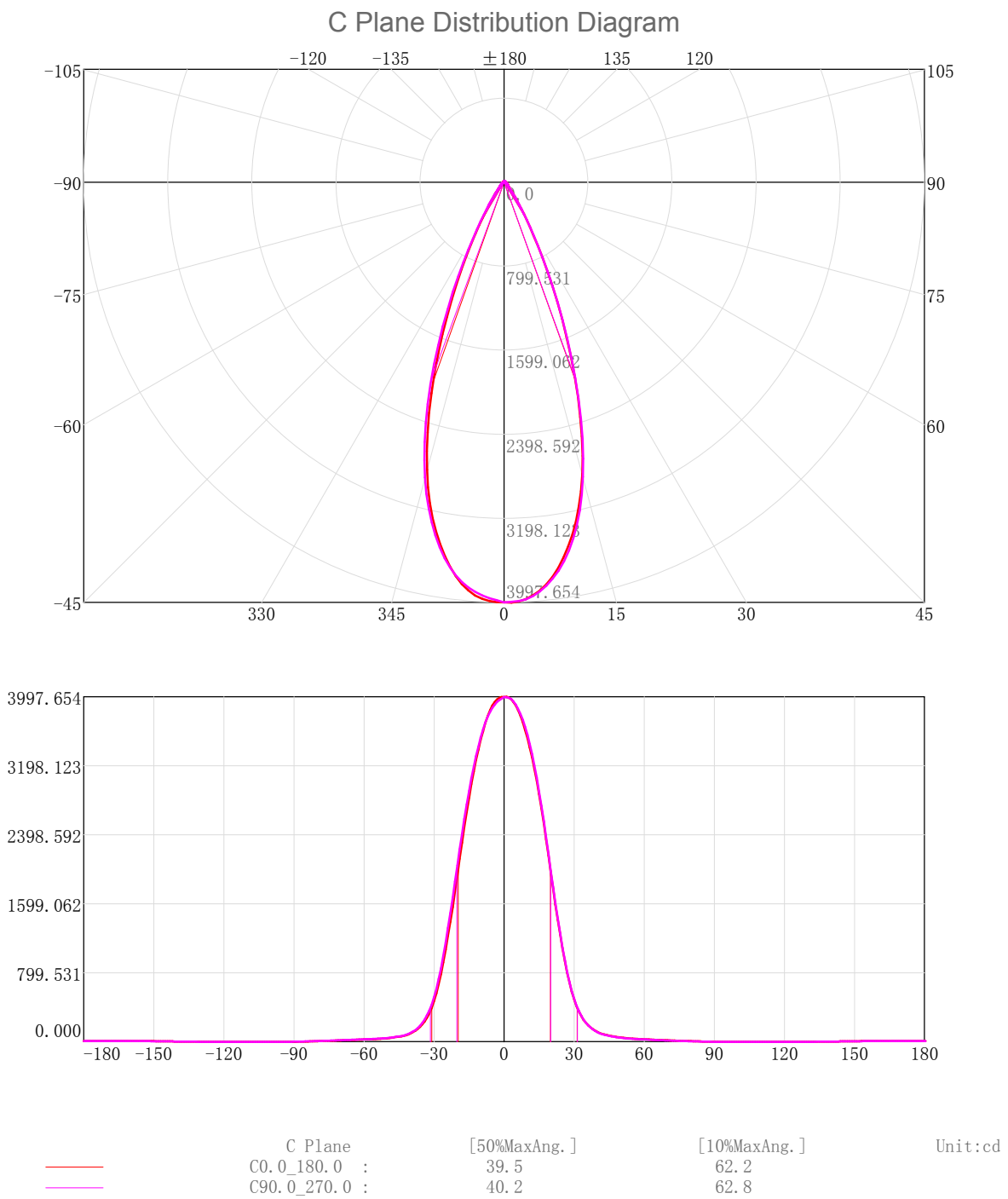
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1936.260	Luminary Flux(lm): 1936.256	Field Angle(10%Imax): 62.2(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1922.106lm 99.27%	
Rated Voltage(V):	Luminary EER(lm/W): 79.128	Up Lumens&Percent: 14.150lm 0.73%	
Tested Power(W): 24.470	Max. Candela(cd): 3997.654	S/MH: C0_a180=0.651 C90_270=0.662	
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):239.8, 0.104, 0.982		ErP Φuse(90°): 1822.559lm	
Lamp Size(W*L*H):0.060m*0.060m*0.250m		IRF(%): 444.702	
		Left=-19.6°, Right=19.8°	



2D Plane Light Intensity Distribution Curve

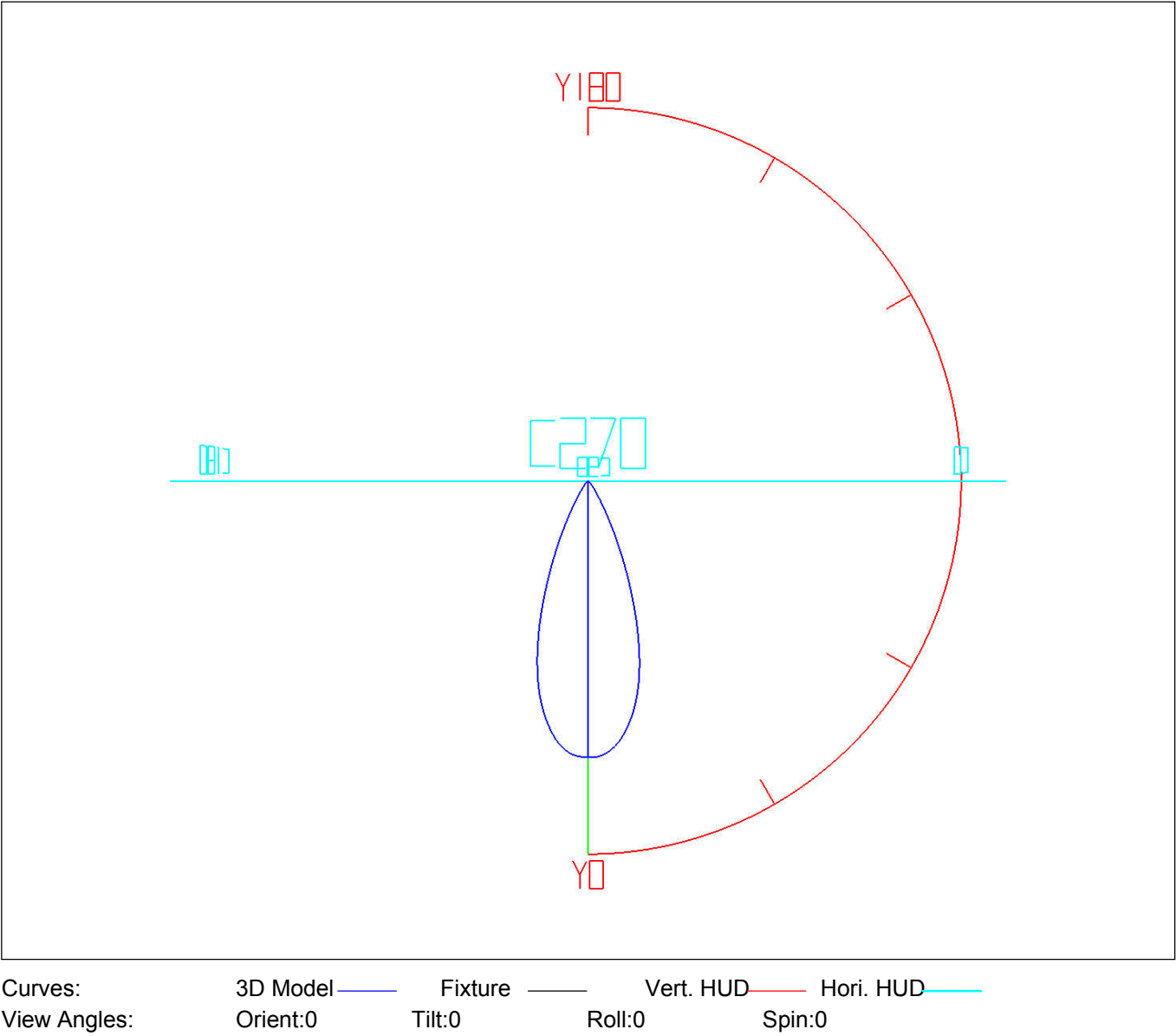
Lum. Name:TR04-25-XX-01 4000K RA90 36D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/23



3D Light Intensity Distribution Modal

Lum. Name:TR04-25-XX-01 4000K RA90 36D	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



Photometric Filename:TR04-25-XX-01 4000K RA90 36D.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	3.82	3.82	0.20	0.20	47.0-48.0	4.47	1841.61	0.23	95.11
1.0-2.0	11.44	15.26	0.59	0.79	48.0-49.0	4.18	1845.80	0.22	95.33
2.0-3.0	18.99	34.25	0.98	1.77	49.0-50.0	3.92	1849.72	0.20	95.53
3.0-4.0	26.42	60.67	1.36	3.13	50.0-51.0	3.72	1853.44	0.19	95.72
4.0-5.0	33.66	94.33	1.74	4.87	51.0-52.0	3.57	1857.02	0.18	95.91
5.0-6.0	40.65	134.97	2.10	6.97	52.0-53.0	3.44	1860.45	0.18	96.08
6.0-7.0	47.31	182.28	2.44	9.41	53.0-54.0	3.30	1863.76	0.17	96.26
7.0-8.0	53.57	235.85	2.77	12.18	54.0-55.0	3.18	1866.94	0.16	96.42
8.0-9.0	59.36	295.21	3.07	15.25	55.0-56.0	3.09	1870.03	0.16	96.58
9.0-10.0	64.64	359.85	3.34	18.58	56.0-57.0	3.01	1873.04	0.16	96.73
10.0-11.0	69.34	429.19	3.58	22.17	57.0-58.0	2.93	1875.97	0.15	96.89
11.0-12.0	73.41	502.60	3.79	25.96	58.0-59.0	2.86	1878.83	0.15	97.03
12.0-13.0	76.78	579.38	3.97	29.92	59.0-60.0	2.78	1881.62	0.14	97.18
13.0-14.0	79.38	658.75	4.10	34.02	60.0-61.0	2.70	1884.32	0.14	97.32
14.0-15.0	81.11	739.86	4.19	38.21	61.0-62.0	2.62	1886.95	0.14	97.45
15.0-16.0	81.90	821.76	4.23	42.44	62.0-63.0	2.54	1889.48	0.13	97.58
16.0-17.0	81.76	903.52	4.22	46.66	63.0-64.0	2.45	1891.93	0.13	97.71
17.0-18.0	80.72	984.24	4.17	50.83	64.0-65.0	2.35	1894.28	0.12	97.83
18.0-19.0	78.80	1063.04	4.07	54.90	65.0-66.0	2.24	1896.52	0.12	97.95
19.0-20.0	76.01	1139.05	3.93	58.83	66.0-67.0	2.13	1898.65	0.11	98.06
20.0-21.0	72.44	1211.49	3.74	62.57	67.0-68.0	2.03	1900.68	0.10	98.16
21.0-22.0	68.30	1279.79	3.53	66.10	68.0-69.0	1.93	1902.61	0.10	98.26
22.0-23.0	63.73	1343.52	3.29	69.39	69.0-70.0	1.82	1904.44	0.09	98.36
23.0-24.0	58.80	1402.32	3.04	72.42	70.0-71.0	1.72	1906.16	0.09	98.45
24.0-25.0	53.63	1455.95	2.77	75.19	71.0-72.0	1.62	1907.78	0.08	98.53
25.0-26.0	48.37	1504.32	2.50	77.69	72.0-73.0	1.53	1909.31	0.08	98.61
26.0-27.0	43.16	1547.48	2.23	79.92	73.0-74.0	1.43	1910.73	0.07	98.68
27.0-28.0	38.14	1585.62	1.97	81.89	74.0-75.0	1.33	1912.06	0.07	98.75
28.0-29.0	33.43	1619.05	1.73	83.62	75.0-76.0	1.24	1913.30	0.06	98.81
29.0-30.0	29.14	1648.19	1.51	85.12	76.0-77.0	1.15	1914.46	0.06	98.87
30.0-31.0	25.34	1673.53	1.31	86.43	77.0-78.0	1.06	1915.52	0.05	98.93
31.0-32.0	22.01	1695.54	1.14	87.57	78.0-79.0	0.97	1916.49	0.05	98.98
32.0-33.0	19.11	1714.64	0.99	88.55	79.0-80.0	0.89	1917.38	0.05	99.03
33.0-34.0	16.63	1731.27	0.86	89.41	80.0-81.0	0.81	1918.19	0.04	99.07
34.0-35.0	14.54	1745.82	0.75	90.16	81.0-82.0	0.73	1918.92	0.04	99.10
35.0-36.0	12.78	1758.59	0.66	90.82	82.0-83.0	0.65	1919		

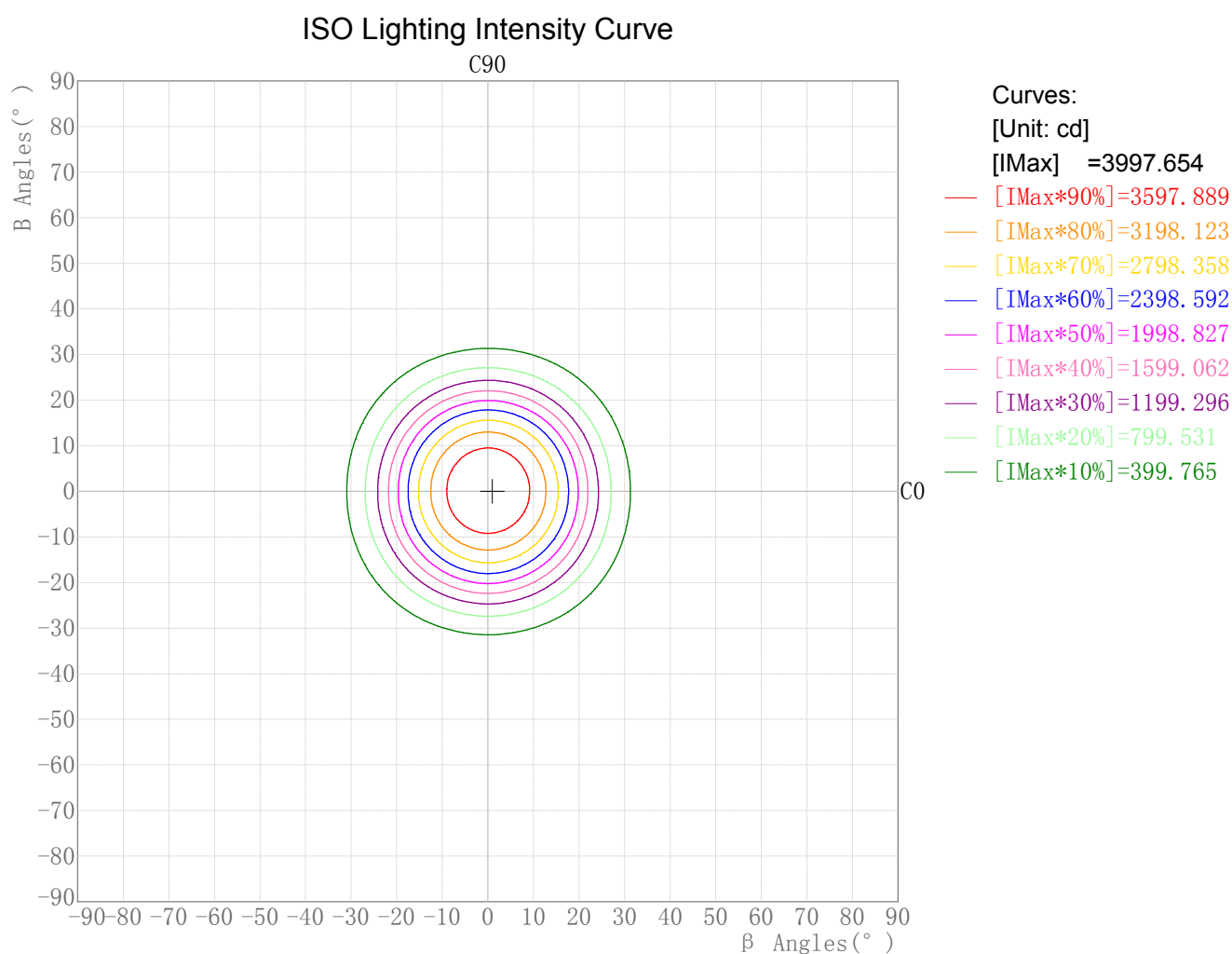
Zonal Flux Tabulation - (Cont.)

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. 08	1922. 69	0. 00	99. 30	141. 0-142. 0	0. 30	1925. 54	0. 02	99. 45
95. 0-96. 0	0. 07	1922. 76	0. 00	99. 30	142. 0-143. 0	0. 32	1925. 85	0. 02	99. 46
96. 0-97. 0	0. 05	1922. 81	0. 00	99. 31	143. 0-144. 0	0. 33	1926. 19	0. 02	99. 48
97. 0-98. 0	0. 04	1922. 85	0. 00	99. 31	144. 0-145. 0	0. 35	1926. 53	0. 02	99. 50
98. 0-99. 0	0. 03	1922. 88	0. 00	99. 31	145. 0-146. 0	0. 36	1926. 89	0. 02	99. 52
99. 0-100. 0	0. 02	1922. 91	0. 00	99. 31	146. 0-147. 0	0. 37	1927. 27	0. 02	99. 54
100. 0-101. 0	0. 02	1922. 92	0. 00	99. 31	147. 0-148. 0	0. 38	1927. 65	0. 02	99. 56
101. 0-102. 0	0. 01	1922. 93	0. 00	99. 31	148. 0-149. 0	0. 39	1928. 04	0. 02	99. 58
102. 0-103. 0	0. 00	1922. 93	0. 00	99. 31	149. 0-150. 0	0. 40	1928. 44	0. 02	99. 60
103. 0-104. 0	0. 00	1922. 93	0. 00	99. 31	150. 0-151. 0	0. 40	1928. 84	0. 02	99. 62
104. 0-105. 0	0. 00	1922. 93	0. 00	99. 31	151. 0-152. 0	0. 41	1929. 25	0. 02	99. 64
105. 0-106. 0	0. 00	1922. 93	0. 00	99. 31	152. 0-153. 0	0. 41	1929. 66	0. 02	99. 66
106. 0-107. 0	0. 00	1922. 93	0. 00	99. 31	153. 0-154. 0	0. 41	1930. 06	0. 02	99. 68
107. 0-108. 0	0. 00	1922. 93	0. 00	99. 31	154. 0-155. 0	0. 40	1930. 47	0. 02	99. 70
108. 0-109. 0	0. 00	1922. 93	0. 00	99. 31	155. 0-156. 0	0. 40	1930. 87	0. 02	99. 72
109. 0-110. 0	0. 00	1922. 93	0. 00	99. 31	156. 0-157. 0	0. 40	1931. 26	0. 02	99. 74
110. 0-111. 0	0. 00	1922. 93	0. 00	99. 31	157. 0-158. 0	0. 39	1931. 65	0. 02	99. 76
111. 0-112. 0	0. 00	1922. 93	0. 00	99. 31	158. 0-159. 0	0. 38	1932. 03	0. 02	99. 78
112. 0-113. 0	0. 00	1922. 93	0. 00	99. 31	159. 0-160. 0	0. 37	1932. 40	0. 02	99. 80
113. 0-114. 0	0. 00	1922. 93	0. 00	99. 31	160. 0-161. 0	0. 36	1932. 76	0. 02	99. 82
114. 0-115. 0	0. 00	1922. 93	0. 00	99. 31	161. 0-162. 0	0. 34	1933. 10	0. 02	99. 84
115. 0-116. 0	0. 00	1922. 93	0. 00	99. 31	162. 0-163. 0	0. 33	1933. 43	0. 02	99. 85
116. 0-117. 0	0. 00	1922. 93	0. 00	99. 31	163. 0-164. 0	0. 31	1933. 74	0. 02	99. 87
117. 0-118. 0	0. 00	1922. 93	0. 00	99. 31	164. 0-165. 0	0. 30	1934. 04	0. 02	99. 89
118. 0-119. 0	0. 00	1922. 93	0. 00	99. 31	165. 0-166. 0	0. 28	1934. 31	0. 01	99. 90
119. 0-120. 0	0. 00	1922. 93	0. 00	99. 31	166. 0-167. 0	0. 26	1934. 58	0. 01	99. 91
120. 0-121. 0	0. 00	1922. 93	0. 00	99. 31	167. 0-168. 0	0. 24	1934. 82	0. 01	99. 93
121. 0-122. 0	0. 00	1922. 93	0. 00	99. 31	168. 0-169. 0	0. 23	1935. 05	0. 01	99. 94
122. 0-123. 0	0. 00	1922. 94	0. 00	99. 31	169. 0-170. 0	0. 21	1935. 25	0. 01	99. 95
123. 0-124. 0	0. 00	1922. 94	0. 00	99. 31	170. 0-171. 0	0. 19	1935. 44	0. 01	99. 96
124. 0-125. 0	0. 01	1922. 95	0. 00	99. 31	171. 0-172. 0	0. 17	1935. 61	0. 01	99. 97
125. 0-126. 0	0. 02	1922. 96	0. 00	99. 31	172. 0-173. 0	0. 15	1935. 76	0. 01	99. 97
126. 0-127. 0	0. 03	1922. 99	0. 00	99. 31	173. 0-174. 0	0. 13	1935. 89	0. 01	99. 98
127. 0-128. 0	0. 04	1923. 03	0. 00	99. 32	174. 0-175. 0	0. 11	1936. 00	0. 01	99. 99
128. 0-129. 0	0. 06	1923. 09	0. 00	99. 32	175. 0-176. 0	0. 09	1936. 09	0. 00	99. 99
129. 0-130. 0	0. 08	1923. 17	0. 00	99. 32	176. 0-177. 0	0. 07	1936. 16	0. 00	100. 00
130. 0-131. 0	0. 09	1923. 26	0. 00	99. 33	177. 0-178. 0	0. 05	1936. 22	0. 00	100. 00
131. 0-132. 0	0. 11	1923. 37	0. 01	99. 33	178. 0-179. 0	0. 03	1936. 25	0. 00	100. 00
132. 0-133. 0	0. 13	1923. 50	0. 01	99. 34	179. 0-180. 0	0. 01	1936. 26	0. 00	100. 00
133. 0-134. 0	0. 15	1923. 65	0. 01	99. 35					
134. 0-135. 0	0. 17	1923. 82	0. 01	99. 36					
135. 0-136. 0	0. 19	1924. 00	0. 01	99. 37					
136. 0-137. 0	0. 21	1924. 21	0. 01	99. 38					
137. 0-138. 0	0. 23	1924. 44	0. 01	99. 39					
138. 0-139. 0	0. 25	1924. 69	0. 01	99. 40					
139. 0-140. 0	0. 26	1924. 95	0. 01	99. 42					
140. 0-141. 0	0. 28	1925. 24	0. 01	99. 43					

Photometric Filename:TR04-25-XX-01 4000K RA90 36D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: TR04-25-XX-01 4000K RA90 36D	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): 3997.65

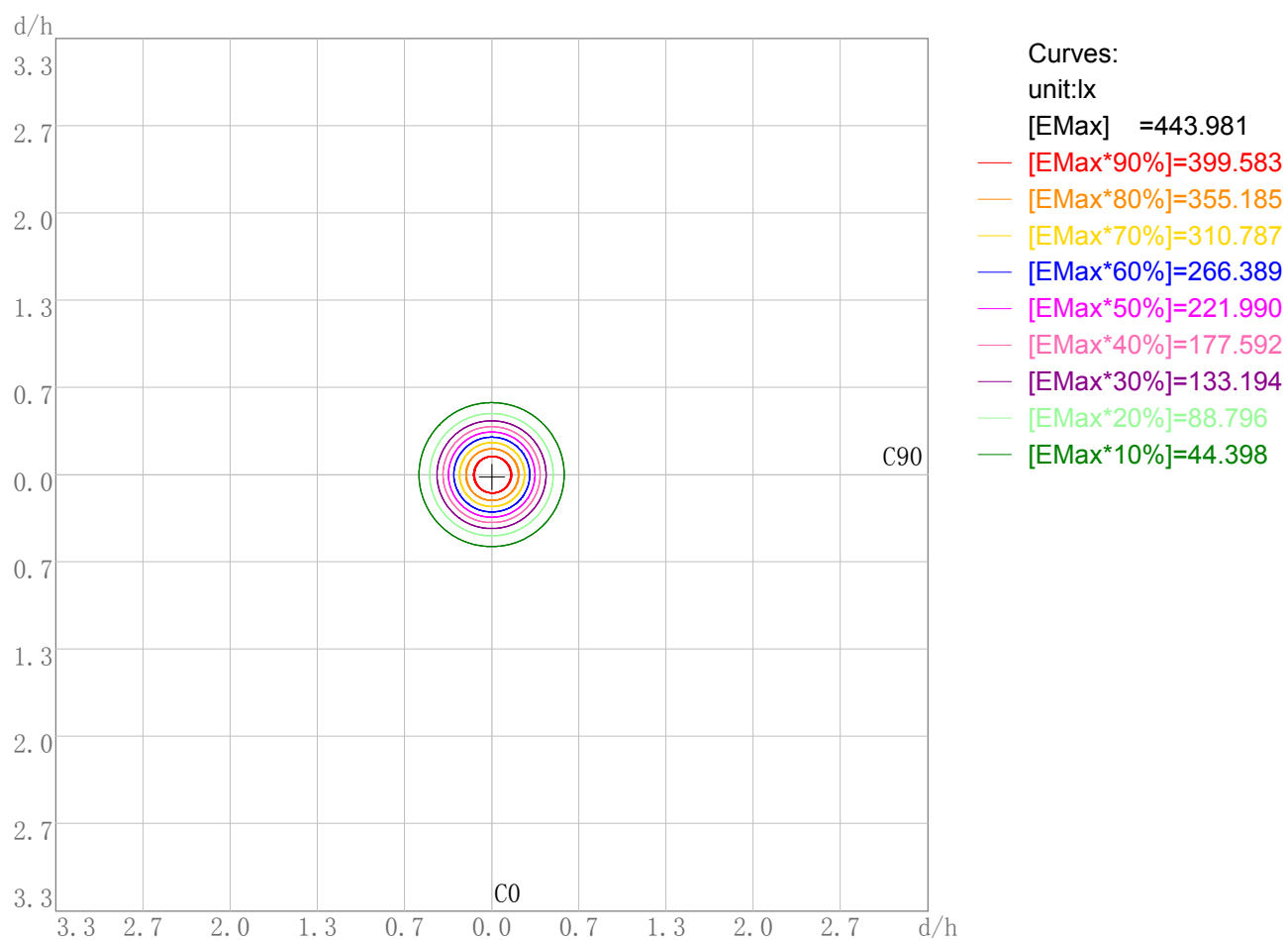
Maximum Cand.@Angle: H=1.0°,V=0.0°

Photometric Filename:TR04-25-XX-01 4000K RA90 36D.IES

Plane ISO-Illuminance Diagram

Lum. Name: TR04-25-XX-01 4000K RA90 36D	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

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

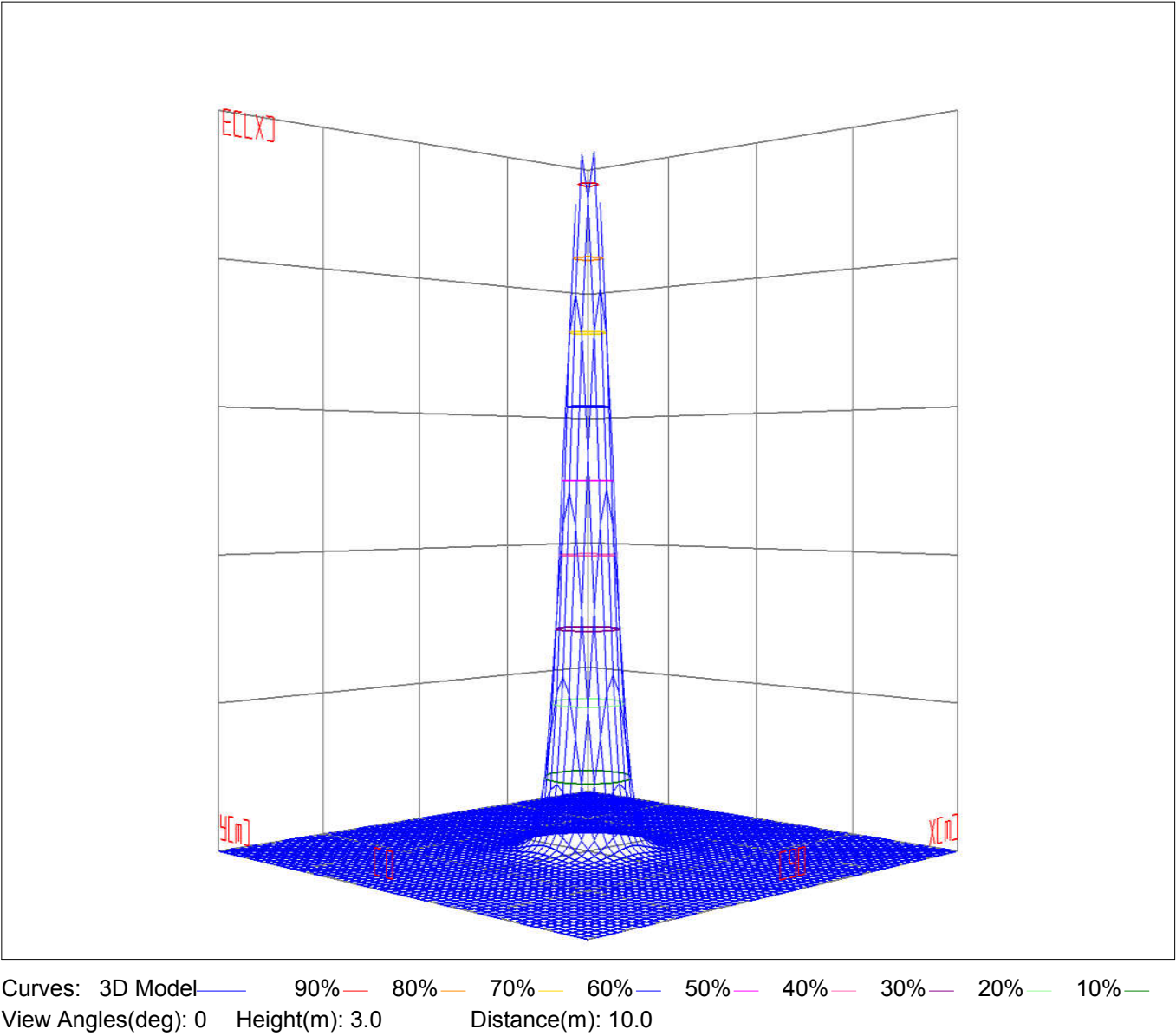
Working Plane Maximum Illuminance(lx): 443.98

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

3D Plane ISO Illuminance Diagram

Lum. Name:TR04-25-XX-01 4000K RA90 36D	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

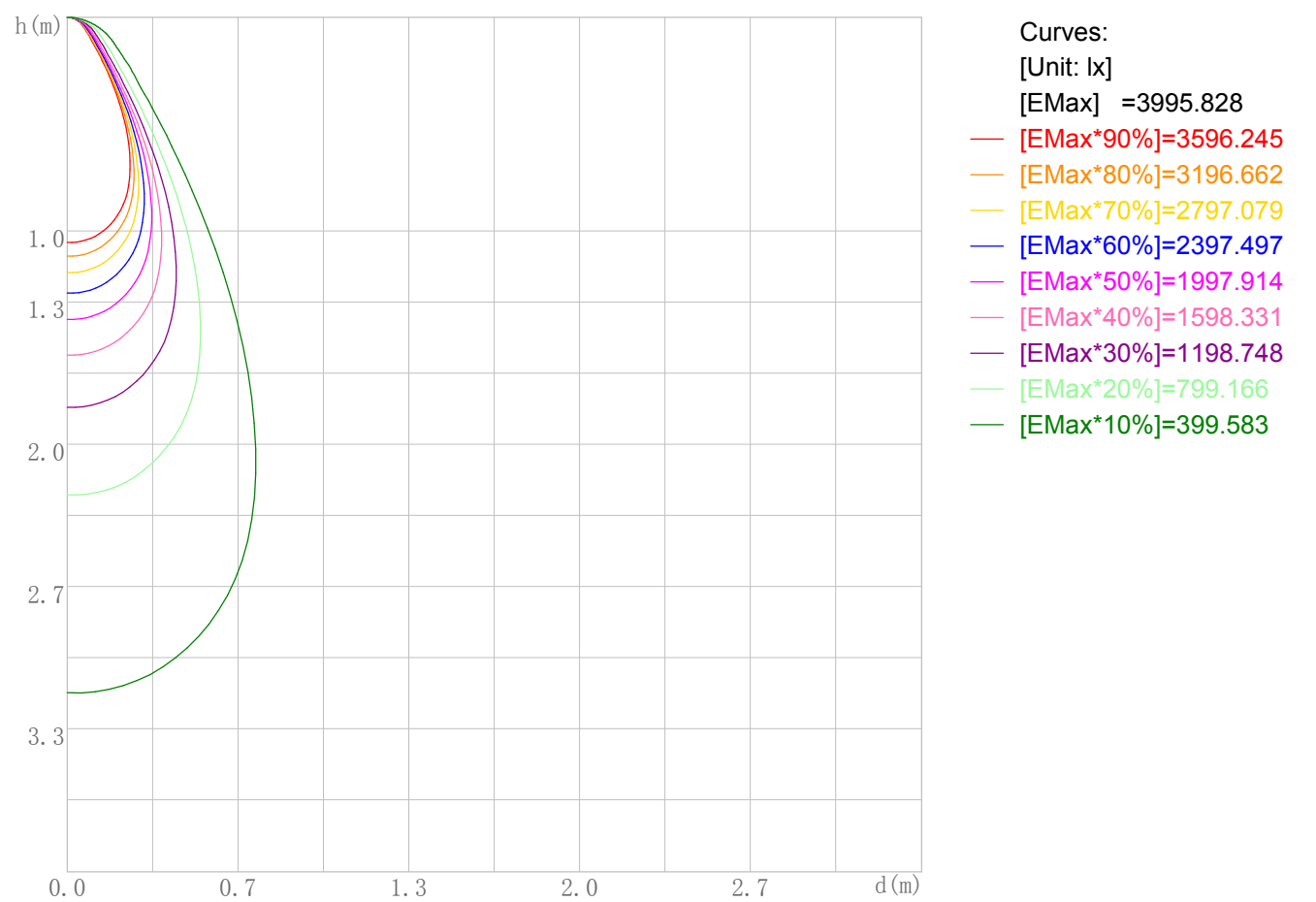
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name:TR04-25-XX-01 4000K RA90 36D	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

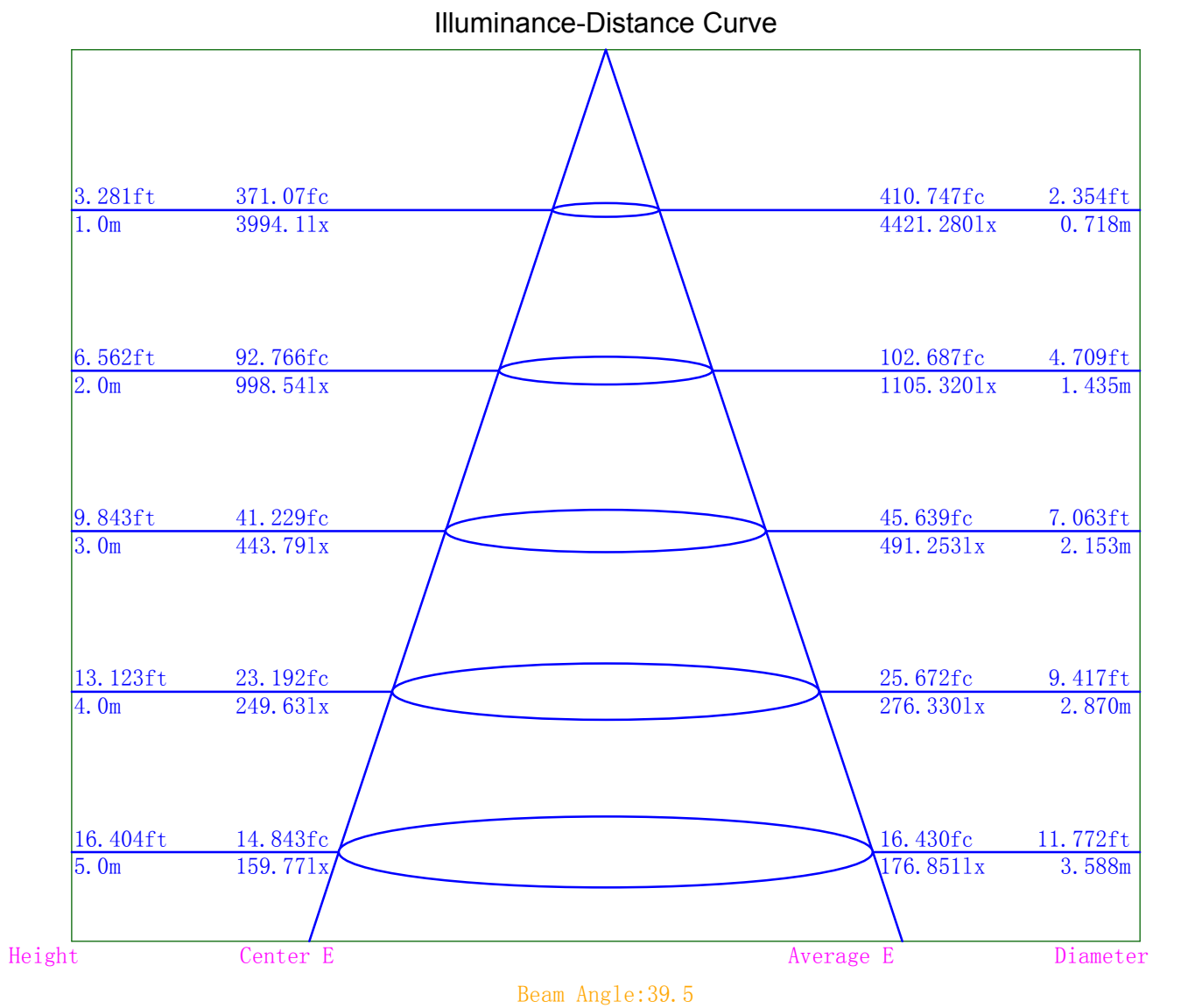
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:3995.83lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:3997.654cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR04-25-XX-01 4000K RA90 36D	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 36D	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

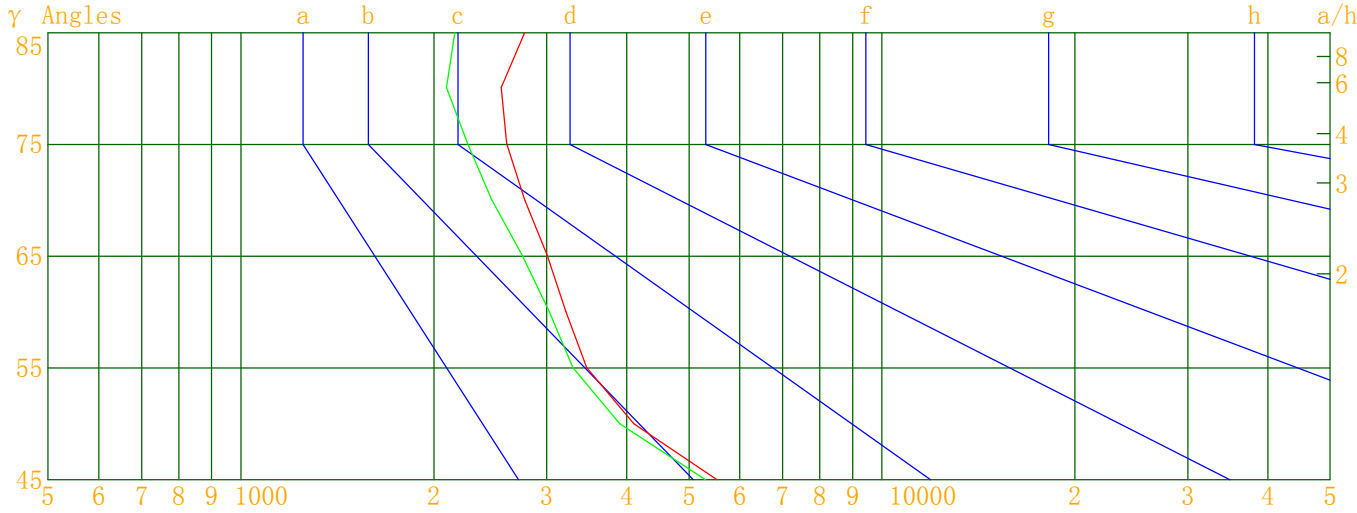
Glare Grade Table

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	5532	4102	3462	3215	3004	2769	2596	2547	2770
C90	5303	3897	3294	3028	2748	2460	2257	2094	2157

Luminance Limiting Curve



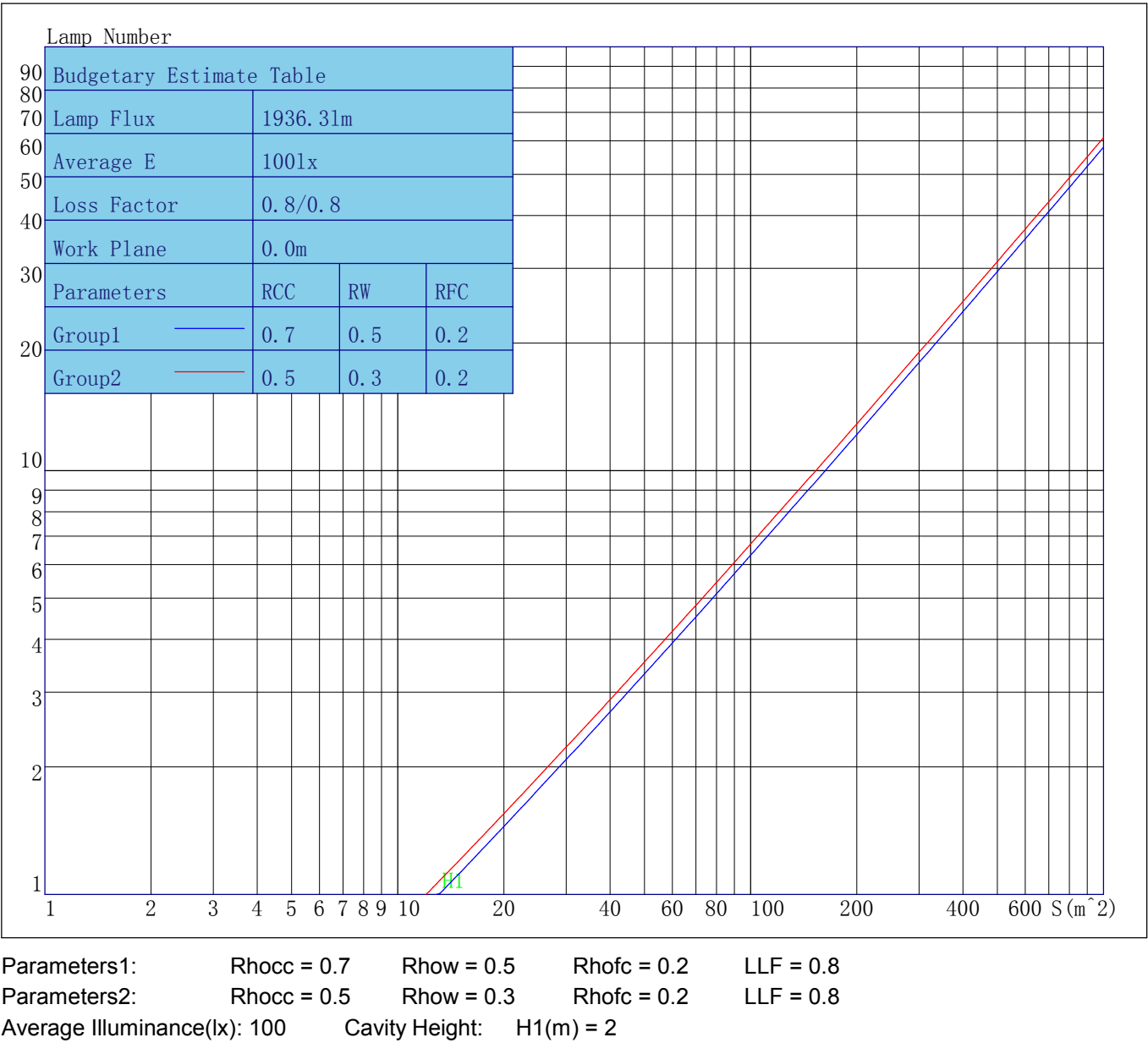
Luminous Size:Length(m)=0.060Width(m)=0.060Height(m)=0.250Area(m^2)=0.018600

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 36D	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 36D	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	111	109	107	111	109	107	105	105	103	102	101	100	98	97	96	95	94
2	109	104	101	97	107	103	99	96	99	96	94	96	94	92	93	92	90	88
3	104	98	94	90	102	97	93	89	94	91	88	92	89	87	89	87	85	84
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	79
5	96	88	83	79	94	87	83	79	86	81	78	84	80	77	82	79	77	75
6	92	84	79	75	90	83	78	75	82	77	74	80	77	74	79	76	73	72
7	88	80	75	71	87	80	75	71	78	74	71	77	73	70	76	72	70	69
8	85	77	71	68	84	76	71	68	75	71	67	74	70	67	73	69	67	66
9	82	73	68	65	81	73	68	65	72	68	64	71	67	64	70	67	64	63
10	79	70	65	62	78	70	65	62	69	65	62	68	64	62	68	64	61	60

Unified Glare Rating Table

Lum. Name: TR04-25-XX-01 4000K RA90 36D	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	12.1	13.1	12.5	13.4	13.8	11.9	12.9	12.3	13.2	13.6
	12.7	13.6	13.1	14.0	14.3	12.5	13.3	12.9	13.7	14.1
	13.0	13.8	13.5	14.2	14.6	12.7	13.5	13.1	13.9	14.3
	13.3	14.0	13.7	14.4	14.8	12.9	13.6	13.3	14.0	14.4
	13.4	14.1	13.9	14.5	14.9	13.0	13.6	13.4	14.0	14.5
	13.5	14.1	13.9	14.5	15.0	13.0	13.7	13.5	14.1	14.5
X=4H Y=2H	12.3	13.0	12.7	13.4	13.8	12.1	12.9	12.5	13.2	13.6
	13.1	13.7	13.5	14.2	14.6	12.8	13.4	13.2	13.9	14.3
	13.5	14.1	13.9	14.5	15.0	13.1	13.7	13.6	14.1	14.6
	13.9	14.4	14.4	14.8	15.3	13.4	13.9	13.9	14.4	14.9
	14.0	14.5	14.5	15.0	15.5	13.5	14.0	14.0	14.5	15.0
	14.2	14.6	14.7	15.1	15.6	13.6	14.0	14.1	14.5	15.0
X=8H Y=4H	13.6	14.1	14.1	14.5	15.0	13.2	13.7	13.7	14.1	14.6
	14.1	14.5	14.6	15.0	15.5	13.6	14.0	14.2	14.5	15.1
	14.3	14.7	14.9	15.2	15.7	13.8	14.1	14.4	14.7	15.2
	14.6	14.9	15.1	15.4	16.0	14.0	14.3	14.5	14.8	15.4
X=12H Y=4H	13.6	14.0	14.1	14.5	15.0	13.2	13.6	13.7	14.1	14.6
	14.1	14.5	14.7	14.9	15.5	13.7	14.0	14.2	14.5	15.0
	14.4	14.7	15.0	15.2	15.8	13.9	14.2	14.4	14.7	15.3
Variations with the objerver position at spacings										
S=1.0H	0.3/-0.4					0.5/-0.5				
S=1.5H	0.7/-0.7					0.8/-0.8				
S=2.0H	0.9/-1.0					1.0/-1.2				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.9					1.7				

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	3994.15	3994.15	3994.15	3994.15
γ 1.0	3997.65	3990.00	3993.83	3976.11
γ 2.0	3989.70	3985.33	3984.10	3958.39
γ 3.0	3968.96	3970.80	3967.55	3936.36
γ 4.0	3938.34	3944.74	3938.65	3906.97
γ 5.0	3897.25	3907.04	3895.79	3868.97
γ 6.0	3844.64	3857.75	3842.82	3822.90
γ 7.0	3779.87	3798.71	3774.31	3766.42
γ 8.0	3700.61	3730.07	3690.70	3698.97
γ 9.0	3612.76	3648.64	3597.54	3618.46
γ 10.0	3517.10	3555.12	3496.82	3523.98
γ 11.0	3409.60	3449.74	3386.07	3420.35
γ 12.0	3291.64	3331.21	3265.20	3307.46
γ 13.0	3164.22	3201.35	3132.07	3185.04
γ 14.0	3025.39	3057.71	2987.87	3051.96
γ 15.0	2871.94	2899.98	2829.59	2907.01
γ 16.0	2706.09	2732.50	2660.94	2749.35
γ 17.0	2526.86	2556.61	2486.29	2582.33
γ 18.0	2345.46	2371.26	2305.72	2408.45
γ 19.0	2157.70	2177.57	2121.37	2229.88
γ 20.0	1966.38	1981.99	1931.71	2045.24
γ 21.0	1773.25	1790.85	1743.61	1857.13
γ 22.0	1588.67	1607.53	1562.57	1671.52
γ 23.0	1411.12	1427.67	1389.48	1490.72
γ 24.0	1241.12	1255.10	1224.69	1316.89
γ 25.0	1083.64	1094.54	1067.12	1151.51
γ 26.0	936.35	947.00	920.90	995.89
γ 27.0	803.91	812.41	786.14	853.49
γ 28.0	684.71	691.42	667.21	725.91
γ 29.0	580.49	587.60	561.19	612.59
γ 30.0	491.93	497.92	470.23	515.50
γ 31.0	417.51	422.02	393.97	432.64
γ 32.0	355.24	359.14	329.99	362.81
γ 33.0	299.54	302.94	278.23	306.09
γ 34.0	257.28	260.02	235.90	258.11
γ 35.0	222.07	222.16	200.91	216.74
γ 36.0	192.62	192.85	172.64	185.36
γ 37.0	168.67	167.04	148.99	158.38
γ 38.0	147.72	144.96	129.35	137.18
γ 39.0	130.36	125.96	112.79	118.67
γ 40.0	115.07	110.35	98.36	103.32
γ 41.0	102.58	98.02	86.57	90.68
γ 42.0	92.76	88.34	77.16	80.76
γ 43.0	84.93	80.89	69.95	72.95
γ 44.0	78.43	74.97	64.28	67.12
γ 45.0	72.76	69.75	59.85	62.38
γ 46.0	67.65	64.77	56.01	58.52

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	62.72	59.78	52.54	54.93
γ 48.0	57.55	54.51	48.91	51.37
γ 49.0	52.78	49.86	45.07	47.42
γ 50.0	49.04	46.59	41.57	44.00
γ 51.0	46.07	43.87	39.37	41.64
γ 52.0	43.37	41.46	37.54	39.68
γ 53.0	40.96	39.20	35.62	38.06
γ 54.0	38.71	36.83	34.06	36.40
γ 55.0	36.93	35.14	32.48	34.83
γ 56.0	35.30	33.63	31.46	33.69
γ 57.0	33.81	32.21	30.53	32.62
γ 58.0	32.43	30.88	29.63	31.72
γ 59.0	31.08	29.50	28.66	30.81
γ 60.0	29.90	28.16	27.77	29.89
γ 61.0	28.56	26.87	26.70	28.85
γ 62.0	27.42	25.62	25.77	27.92
γ 63.0	26.17	24.37	24.76	26.80
γ 64.0	24.94	22.98	23.62	25.81
γ 65.0	23.62	21.60	22.41	24.63
γ 66.0	22.34	20.33	21.22	23.30
γ 67.0	21.11	19.08	20.18	22.08
γ 68.0	19.98	17.99	19.05	21.00
γ 69.0	18.78	16.79	17.95	19.82
γ 70.0	17.62	15.65	16.82	18.66
γ 71.0	16.61	14.64	15.79	17.57
γ 72.0	15.53	13.64	14.73	16.47
γ 73.0	14.45	12.70	13.74	15.42
γ 74.0	13.47	11.71	12.70	14.29
γ 75.0	12.50	10.87	11.83	13.34
γ 76.0	11.63	10.00	10.97	12.30
γ 77.0	10.73	9.20	10.09	11.48
γ 78.0	9.91	8.30	9.17	10.53
γ 79.0	9.02	7.54	8.40	9.69
γ 80.0	8.23	6.76	7.63	8.81
γ 81.0	7.36	6.06	6.88	7.97
γ 82.0	6.69	5.39	6.02	7.17
γ 83.0	5.95	4.77	5.36	6.33
γ 84.0	5.23	4.13	4.67	5.61
γ 85.0	4.49	3.50	3.99	4.76
γ 86.0	3.87	2.91	3.32	4.20
γ 87.0	3.28	2.23	2.77	3.43
γ 88.0	2.64	1.72	2.15	2.86
γ 89.0	2.03	1.27	1.55	2.24
γ 90.0	1.80	1.15	1.22	1.79
γ 91.0	1.65	0.98	1.11	1.43
γ 92.0	1.45	0.82	0.90	1.34
γ 93.0	1.30	0.76	0.79	1.08

Photometric Filename:TR04-25-XX-01 4000K RA90 36D.IES

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.17	0.54	0.64	0.96
γ 95.0	0.99	0.43	0.48	0.83
γ 96.0	0.88	0.24	0.43	0.75
γ 97.0	0.80	0.17	0.22	0.49
γ 98.0	0.65	0.12	0.15	0.42
γ 99.0	0.52	0.00	0.10	0.32
γ 100.0	0.46	0.00	0.01	0.21
γ 101.0	0.31	0.00	0.00	0.15
γ 102.0	0.15	0.00	0.00	0.01
γ 103.0	0.12	0.00	0.00	0.00
γ 104.0	0.02	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	0.03	0.06
γ 124.0	0.00	0.00	0.20	0.04
γ 125.0	0.00	0.00	0.34	0.24
γ 126.0	0.00	0.00	0.51	0.35
γ 127.0	0.07	0.09	0.81	0.63
γ 128.0	0.25	0.21	0.93	0.84
γ 129.0	0.42	0.48	1.14	1.03
γ 130.0	0.66	0.74	1.38	1.25
γ 131.0	0.86	0.79	1.63	1.49
γ 132.0	1.11	1.12	1.92	1.69
γ 133.0	1.37	1.46	2.21	1.93
γ 134.0	1.65	1.73	2.47	2.27
γ 135.0	1.91	2.03	2.66	2.62
γ 136.0	2.28	2.22	3.01	2.87
γ 137.0	2.62	2.56	3.36	3.22
γ 138.0	2.86	2.84	3.69	3.56
γ 139.0	3.17	3.17	4.02	3.83
γ 140.0	3.50	3.57	4.39	4.10

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	3.90	3.87	4.72	4.45
γ 142.0	4.22	4.22	5.02	4.79
γ 143.0	4.60	4.58	5.42	5.16
γ 144.0	4.91	4.93	5.80	5.49
γ 145.0	5.31	5.23	6.12	5.85
γ 146.0	5.61	5.61	6.53	6.19
γ 147.0	5.97	5.95	6.77	6.53
γ 148.0	6.34	6.30	7.19	6.78
γ 149.0	6.72	6.58	7.54	7.13
γ 150.0	7.00	6.92	7.90	7.54
γ 151.0	7.30	7.21	8.17	7.80
γ 152.0	7.68	7.52	8.44	8.05
γ 153.0	7.90	7.84	8.70	8.26
γ 154.0	8.18	8.03	9.00	8.60
γ 155.0	8.48	8.29	9.22	8.79
γ 156.0	8.66	8.57	9.46	9.05
γ 157.0	8.92	8.81	9.67	9.32
γ 158.0	9.11	8.98	9.87	9.48
γ 159.0	9.35	9.15	10.02	9.57
γ 160.0	9.47	9.27	10.24	9.70
γ 161.0	9.61	9.40	10.30	9.77
γ 162.0	9.69	9.57	10.35	9.99
γ 163.0	9.80	9.59	10.48	10.00
γ 164.0	9.95	9.74	10.56	10.06
γ 165.0	10.00	9.89	10.56	10.10
γ 166.0	10.07	9.87	10.59	10.13
γ 167.0	10.19	10.06	10.60	10.24
γ 168.0	10.23	10.05	10.61	10.23
γ 169.0	10.25	10.15	10.62	10.29
γ 170.0	10.39	10.26	10.71	10.34
γ 171.0	10.36	10.26	10.63	10.33
γ 172.0	10.41	10.31	10.68	10.26
γ 173.0	10.50	10.45	10.82	10.38
γ 174.0	10.59	10.48	10.76	10.42
γ 175.0	10.56	10.52	10.77	10.46
γ 176.0	10.65	10.59	10.78	10.52
γ 177.0	10.68	10.61	10.79	10.49
γ 178.0	10.71	10.79	10.84	10.62
γ 179.0	10.76	10.69	10.83	10.61
γ 180.0	10.77	10.77	10.77	10.77