

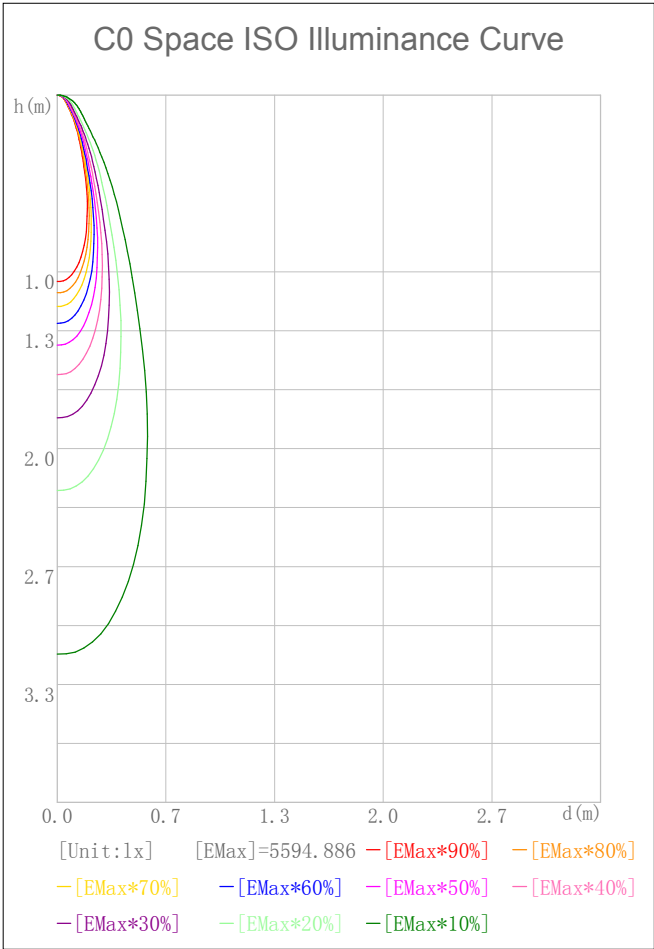
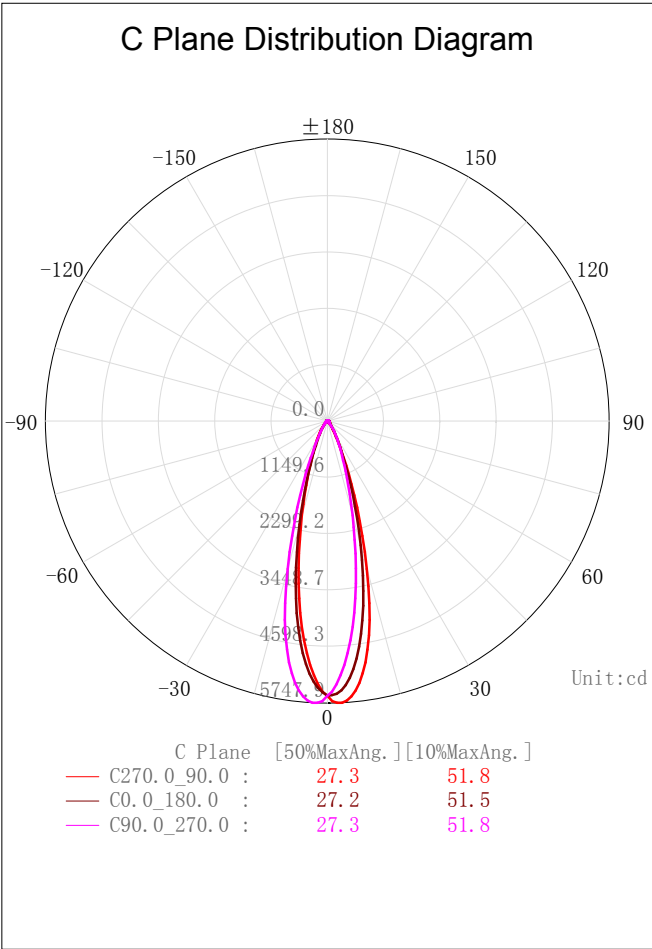
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-25-XX-01 2700K RA90 24D		Lum. Catalog:	Test ID: QIU MEI
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/09/12
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

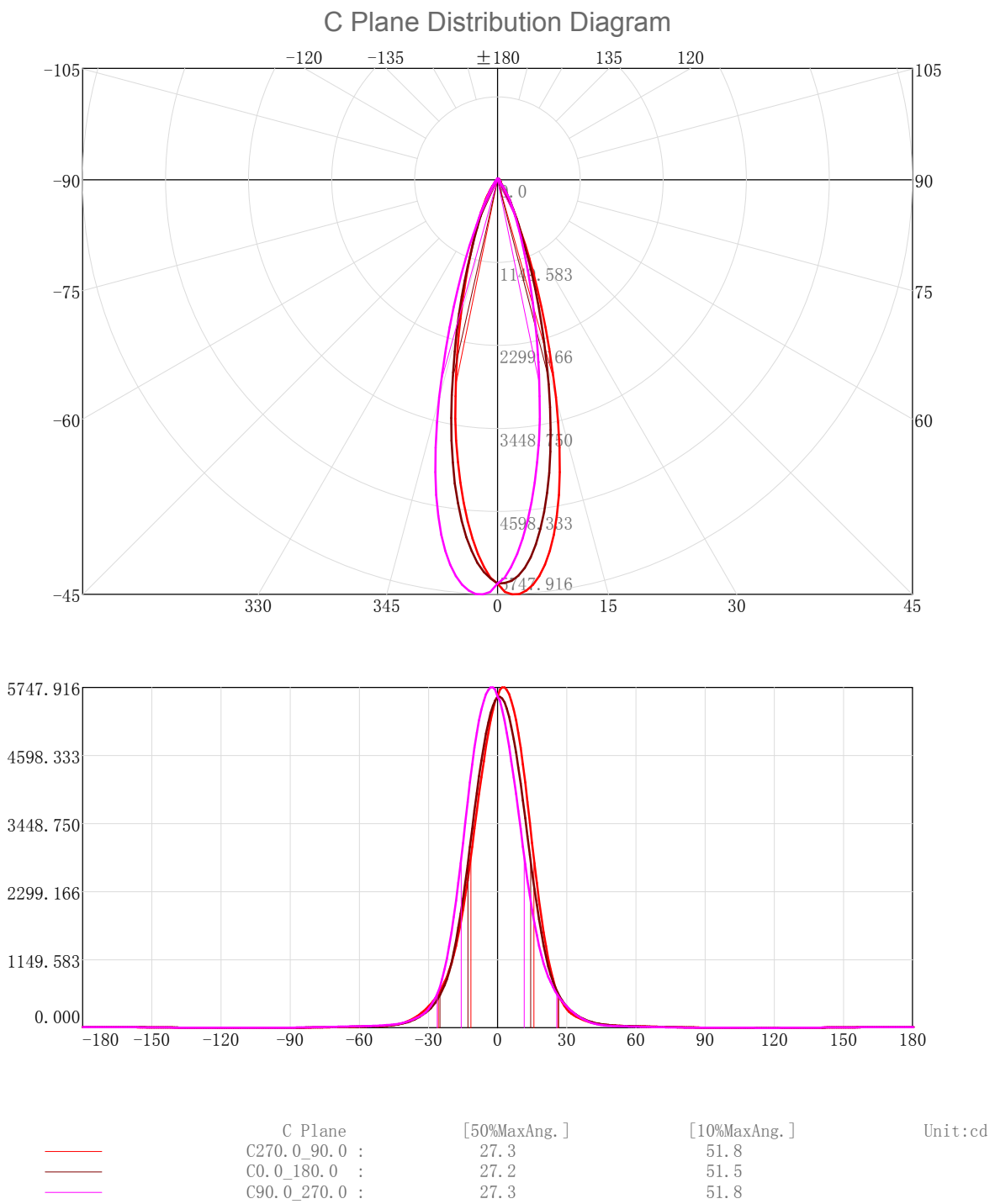
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1704.350	Luminary Flux(lm): 1704.347	Field Angle(10%Imax): 51.8(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1673.667lm 98.20%	
Rated Voltage(V):	Luminary EER(lm/W): 71.581	Up Lumens&Percent: 30.680lm 1.80%	
Tested Power(W): 23.810	Max.Candela(cd): 5747.916	S/MH: C0_a180=0.458 C90_270=0.469	
Lamps' Inside: 1	Max Cand@Ang.(°): C=270.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):239.8, 0.101, 0.983Beam Angle(50%Imax): 27.3(°)		ErP Φuse(90°): 1530.103lm	
Lamp Size(W*L*H):0.060m*0.060m*0.250m		IRF(%): 715.274	



2D Plane Light Intensity Distribution Curve

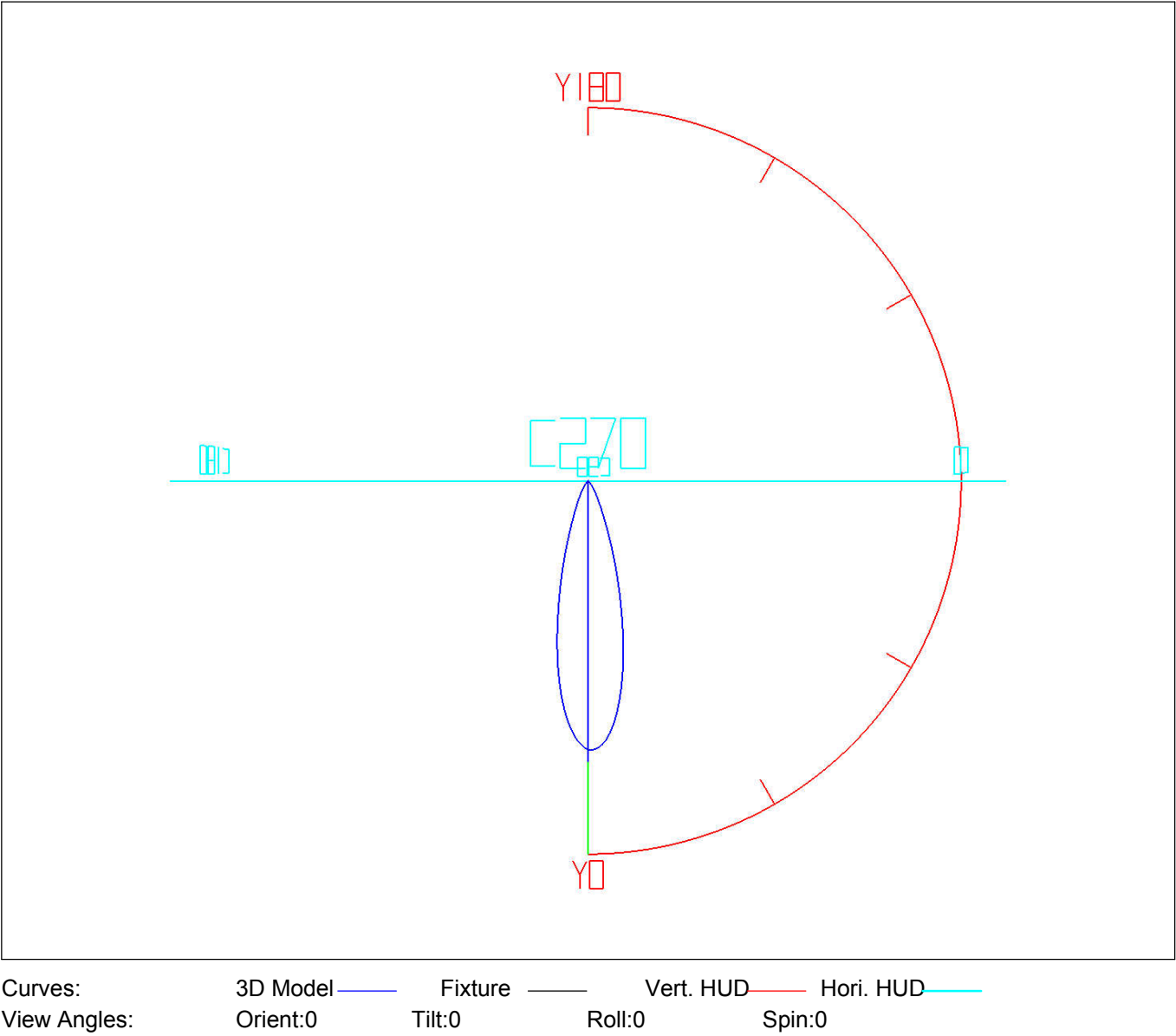
Lum. Name:TR04-25-XX-01 2700K RA90 24D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/12



3D Light Intensity Distribution Modal

Lum. Name:TR04-25-XX-01 2700K 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:2019/09/12

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:TR04-25-XX-01 2700K RA90 24D.IES

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	5.35	5.35	0.31	0.31	47.0-48.0	3.64	1598.55	0.21	93.79
1.0-2.0	15.95	21.30	0.94	1.25	48.0-49.0	3.44	1601.99	0.20	93.99
2.0-3.0	26.23	47.53	1.54	2.79	49.0-50.0	3.27	1605.27	0.19	94.19
3.0-4.0	35.98	83.51	2.11	4.90	50.0-51.0	3.14	1608.41	0.18	94.37
4.0-5.0	45.01	128.52	2.64	7.54	51.0-52.0	3.02	1611.43	0.18	94.55
5.0-6.0	53.16	181.68	3.12	10.66	52.0-53.0	2.93	1614.36	0.17	94.72
6.0-7.0	60.28	241.96	3.54	14.20	53.0-54.0	2.84	1617.20	0.17	94.89
7.0-8.0	66.26	308.22	3.89	18.08	54.0-55.0	2.76	1619.96	0.16	95.05
8.0-9.0	70.99	379.21	4.17	22.25	55.0-56.0	2.68	1622.64	0.16	95.21
9.0-10.0	74.41	453.62	4.37	26.62	56.0-57.0	2.61	1625.25	0.15	95.36
10.0-11.0	76.43	530.04	4.48	31.10	57.0-58.0	2.54	1627.80	0.15	95.51
11.0-12.0	77.08	607.12	4.52	35.62	58.0-59.0	2.48	1630.28	0.15	95.65
12.0-13.0	76.46	683.58	4.49	40.11	59.0-60.0	2.42	1632.69	0.14	95.80
13.0-14.0	74.73	758.31	4.38	44.49	60.0-61.0	2.36	1635.05	0.14	95.93
14.0-15.0	72.08	830.39	4.23	48.72	61.0-62.0	2.29	1637.34	0.13	96.07
15.0-16.0	68.68	899.07	4.03	52.75	62.0-63.0	2.22	1639.56	0.13	96.20
16.0-17.0	64.69	963.76	3.80	56.55	63.0-64.0	2.15	1641.72	0.13	96.33
17.0-18.0	60.31	1024.07	3.54	60.09	64.0-65.0	2.08	1643.80	0.12	96.45
18.0-19.0	55.70	1079.77	3.27	63.35	65.0-66.0	2.01	1645.81	0.12	96.57
19.0-20.0	51.04	1130.80	2.99	66.35	66.0-67.0	1.94	1647.75	0.11	96.68
20.0-21.0	46.51	1177.31	2.73	69.08	67.0-68.0	1.86	1649.61	0.11	96.79
21.0-22.0	42.20	1219.50	2.48	71.55	68.0-69.0	1.79	1651.39	0.10	96.89
22.0-23.0	38.19	1257.69	2.24	73.79	69.0-70.0	1.71	1653.11	0.10	96.99
23.0-24.0	34.50	1292.19	2.02	75.82	70.0-71.0	1.64	1654.75	0.10	97.09
24.0-25.0	31.15	1323.35	1.83	77.65	71.0-72.0	1.57	1656.32	0.09	97.18
25.0-26.0	28.19	1351.53	1.65	79.30	72.0-73.0	1.50	1657.81	0.09	97.27
26.0-27.0	25.60	1377.14	1.50	80.80	73.0-74.0	1.43	1659.24	0.08	97.35
27.0-28.0	23.31	1400.44	1.37	82.17	74.0-75.0	1.36	1660.61	0.08	97.43
28.0-29.0	21.21	1421.65	1.24	83.41	75.0-76.0	1.30	1661.90	0.08	97.51
29.0-30.0	19.28	1440.93	1.13	84.54	76.0-77.0	1.23	1663.13	0.07	97.58
30.0-31.0	17.54	1458.47	1.03	85.57	77.0-78.0	1.16	1664.29	0.07	97.65
31.0-32.0	15.99	1474.46	0.94	86.51	78.0-79.0	1.10	1665.39	0.06	97.71
32.0-33.0	14.59	1489.06	0.86	87.37	79.0-80.0	1.04	1666.43	0.06	97.77
33.0-34.0	13.31	1502.37	0.78	88.15	80.0-81.0	0.98	1667.40	0.06	97.83
34.0-35.0	12.11	1514.48	0.71	88.86	81.0-82.0	0.92	1668.32	0.05	97.89
35.0-36.0	11.00	1525.47	0.65	89.50	82.0-83.0	0.86	1669.18	0.05	97.94
36.0-37.0	9.96	1535.43	0.58	90.09	83.0-84.0	0.80	1669.98	0.05	97.98
37.0-38.0	8.98	1544.41	0.53	90.62	84.0-85.0	0.74	1670.72	0.04	98.03
38.0-39.0	8.08	1552.49	0.47	91.09	85.0-86.0	0.69	1671.40	0.04	98.07
39.0-40.0	7.26	1559.75	0.43	91.52	86.0-87.0	0.63	1672.04	0.04	98.10
40.0-41.0	6.53	1566.28	0.38	91.90	87.0-88.0	0.59	1672.63	0.03	98.14
41.0-42.0	5.89	1572.17	0.35	92.24	88.0-89.0	0.54	1673.17	0.03	98.17
42.0-43.0	5.34	1577.51	0.31	92.56	89.0-90.0	0.50	1673.67	0.03	98.20
43.0-44.0	4.88	1582.39	0.29	92.84	90.0-91.0	0.47	1674.14	0.03	98.23
44.0-45.0	4.49	1586.88	0.26	93.11	91.0-92.0	0.45	1674.59	0.03	98.25
45.0-46.0	4.16	1591.04	0.24	93.35	92.0-93.0	0.43	1675.02	0.03	98.28
46.0-47.0	3.88	1594.91	0.23	93.58	93.0-94.0	0.42	1675.43	0.02	98.30

IES Indoor Report

Photometric Filename:TR04-25-XX-01 2700K RA90 24D.IES

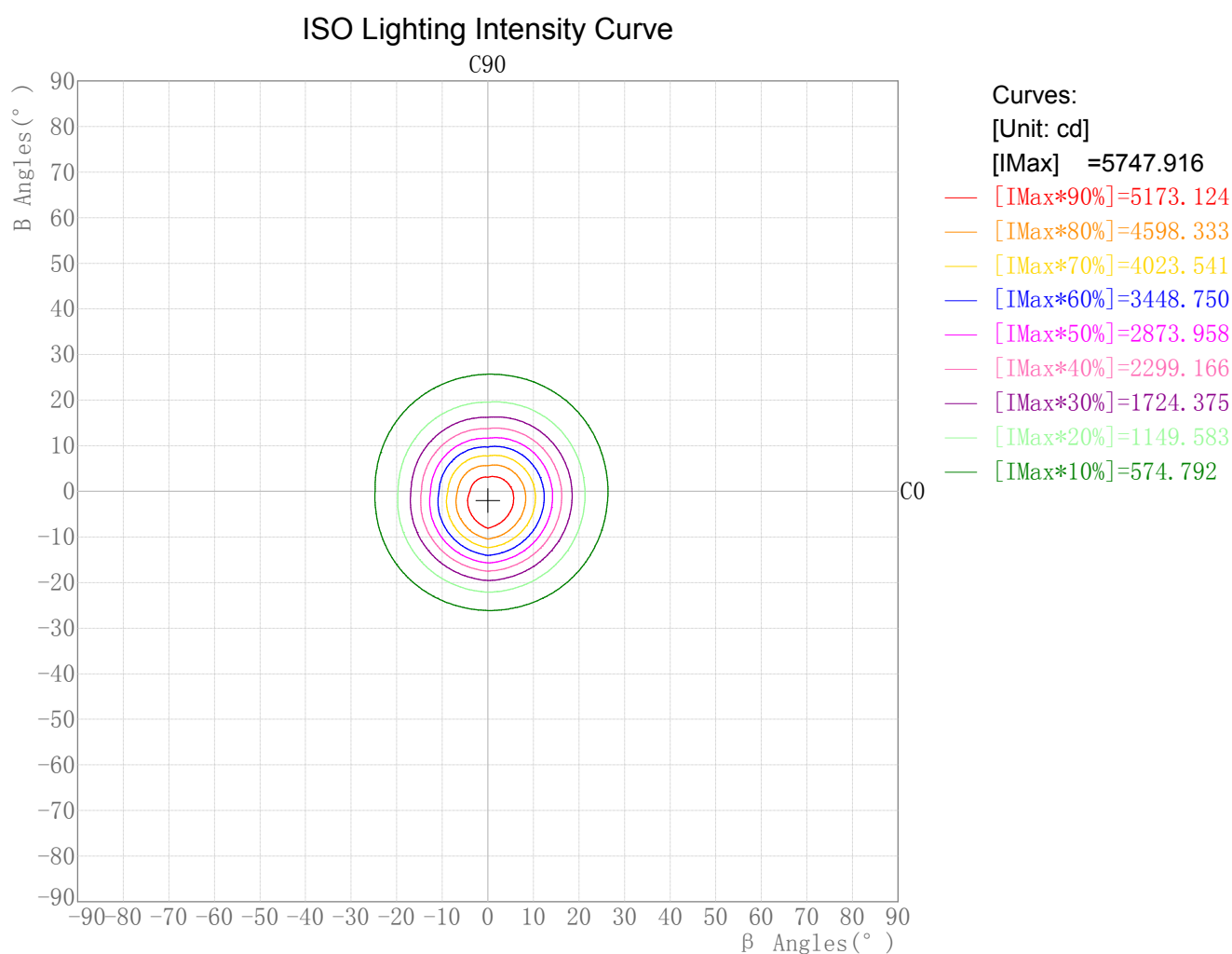
Zonal Flux Tabulation - (Cont.)

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. 40	1675. 83	0. 02	98. 33	141. 0-142. 0	0. 48	1690. 40	0. 03	99. 18
95. 0-96. 0	0. 39	1676. 22	0. 02	98. 35	142. 0-143. 0	0. 49	1690. 90	0. 03	99. 21
96. 0-97. 0	0. 38	1676. 59	0. 02	98. 37	143. 0-144. 0	0. 51	1691. 40	0. 03	99. 24
97. 0-98. 0	0. 36	1676. 96	0. 02	98. 39	144. 0-145. 0	0. 52	1691. 92	0. 03	99. 27
98. 0-99. 0	0. 35	1677. 31	0. 02	98. 41	145. 0-146. 0	0. 53	1692. 45	0. 03	99. 30
99. 0-100. 0	0. 34	1677. 65	0. 02	98. 43	146. 0-147. 0	0. 53	1692. 98	0. 03	99. 33
100. 0-101. 0	0. 33	1677. 99	0. 02	98. 45	147. 0-148. 0	0. 54	1693. 52	0. 03	99. 36
101. 0-102. 0	0. 32	1678. 31	0. 02	98. 47	148. 0-149. 0	0. 55	1694. 07	0. 03	99. 40
102. 0-103. 0	0. 32	1678. 63	0. 02	98. 49	149. 0-150. 0	0. 55	1694. 62	0. 03	99. 43
103. 0-104. 0	0. 31	1678. 93	0. 02	98. 51	150. 0-151. 0	0. 55	1695. 16	0. 03	99. 46
104. 0-105. 0	0. 30	1679. 23	0. 02	98. 53	151. 0-152. 0	0. 54	1695. 70	0. 03	99. 49
105. 0-106. 0	0. 29	1679. 53	0. 02	98. 54	152. 0-153. 0	0. 54	1696. 24	0. 03	99. 52
106. 0-107. 0	0. 29	1679. 82	0. 02	98. 56	153. 0-154. 0	0. 53	1696. 78	0. 03	99. 56
107. 0-108. 0	0. 28	1680. 10	0. 02	98. 58	154. 0-155. 0	0. 52	1697. 30	0. 03	99. 59
108. 0-109. 0	0. 27	1680. 37	0. 02	98. 59	155. 0-156. 0	0. 51	1697. 81	0. 03	99. 62
109. 0-110. 0	0. 27	1680. 64	0. 02	98. 61	156. 0-157. 0	0. 50	1698. 32	0. 03	99. 65
110. 0-111. 0	0. 26	1680. 90	0. 02	98. 62	157. 0-158. 0	0. 49	1698. 80	0. 03	99. 67
111. 0-112. 0	0. 26	1681. 16	0. 02	98. 64	158. 0-159. 0	0. 47	1699. 28	0. 03	99. 70
112. 0-113. 0	0. 26	1681. 42	0. 02	98. 65	159. 0-160. 0	0. 46	1699. 73	0. 03	99. 73
113. 0-114. 0	0. 25	1681. 67	0. 01	98. 67	160. 0-161. 0	0. 44	1700. 17	0. 03	99. 75
114. 0-115. 0	0. 25	1681. 91	0. 01	98. 68	161. 0-162. 0	0. 42	1700. 59	0. 02	99. 78
115. 0-116. 0	0. 24	1682. 16	0. 01	98. 70	162. 0-163. 0	0. 40	1700. 99	0. 02	99. 80
116. 0-117. 0	0. 24	1682. 40	0. 01	98. 71	163. 0-164. 0	0. 38	1701. 37	0. 02	99. 83
117. 0-118. 0	0. 24	1682. 64	0. 01	98. 73	164. 0-165. 0	0. 36	1701. 73	0. 02	99. 85
118. 0-119. 0	0. 24	1682. 87	0. 01	98. 74	165. 0-166. 0	0. 34	1702. 07	0. 02	99. 87
119. 0-120. 0	0. 24	1683. 11	0. 01	98. 75	166. 0-167. 0	0. 31	1702. 39	0. 02	99. 88
120. 0-121. 0	0. 24	1683. 35	0. 01	98. 77	167. 0-168. 0	0. 29	1702. 68	0. 02	99. 90
121. 0-122. 0	0. 24	1683. 59	0. 01	98. 78	168. 0-169. 0	0. 27	1702. 94	0. 02	99. 92
122. 0-123. 0	0. 24	1683. 83	0. 01	98. 80	169. 0-170. 0	0. 24	1703. 19	0. 01	99. 93
123. 0-124. 0	0. 24	1684. 07	0. 01	98. 81	170. 0-171. 0	0. 22	1703. 41	0. 01	99. 94
124. 0-125. 0	0. 25	1684. 32	0. 01	98. 82	171. 0-172. 0	0. 20	1703. 60	0. 01	99. 96
125. 0-126. 0	0. 26	1684. 58	0. 01	98. 84	172. 0-173. 0	0. 17	1703. 78	0. 01	99. 97
126. 0-127. 0	0. 26	1684. 84	0. 02	98. 86	173. 0-174. 0	0. 15	1703. 93	0. 01	99. 98
127. 0-128. 0	0. 27	1685. 11	0. 02	98. 87	174. 0-175. 0	0. 13	1704. 06	0. 01	99. 98
128. 0-129. 0	0. 28	1685. 39	0. 02	98. 89	175. 0-176. 0	0. 10	1704. 16	0. 01	99. 99
129. 0-130. 0	0. 29	1685. 69	0. 02	98. 90	176. 0-177. 0	0. 08	1704. 24	0. 00	99. 99
130. 0-131. 0	0. 31	1685. 99	0. 02	98. 92	177. 0-178. 0	0. 06	1704. 30	0. 00	100. 00
131. 0-132. 0	0. 32	1686. 31	0. 02	98. 94	178. 0-179. 0	0. 04	1704. 34	0. 00	100. 00
132. 0-133. 0	0. 34	1686. 65	0. 02	98. 96	179. 0-180. 0	0. 01	1704. 35	0. 00	100. 00
133. 0-134. 0	0. 35	1687. 00	0. 02	98. 98					
134. 0-135. 0	0. 37	1687. 37	0. 02	99. 00					
135. 0-136. 0	0. 38	1687. 75	0. 02	99. 03					
136. 0-137. 0	0. 40	1688. 15	0. 02	99. 05					
137. 0-138. 0	0. 42	1688. 57	0. 02	99. 07					
138. 0-139. 0	0. 44	1689. 00	0. 03	99. 10					
139. 0-140. 0	0. 45	1689. 45	0. 03	99. 13					
140. 0-141. 0	0. 47	1689. 92	0. 03	99. 15					

**Photometric Filename:TR04-25-XX-01 2700K RA90 24D.IES**

## Rectangle ISO Lighting Intensity Diagram

Lum. Name: TR04-25-XX-01 2700K RA90 24D	Lum. Catelog:	Test ID: QIU MBI
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/09/12



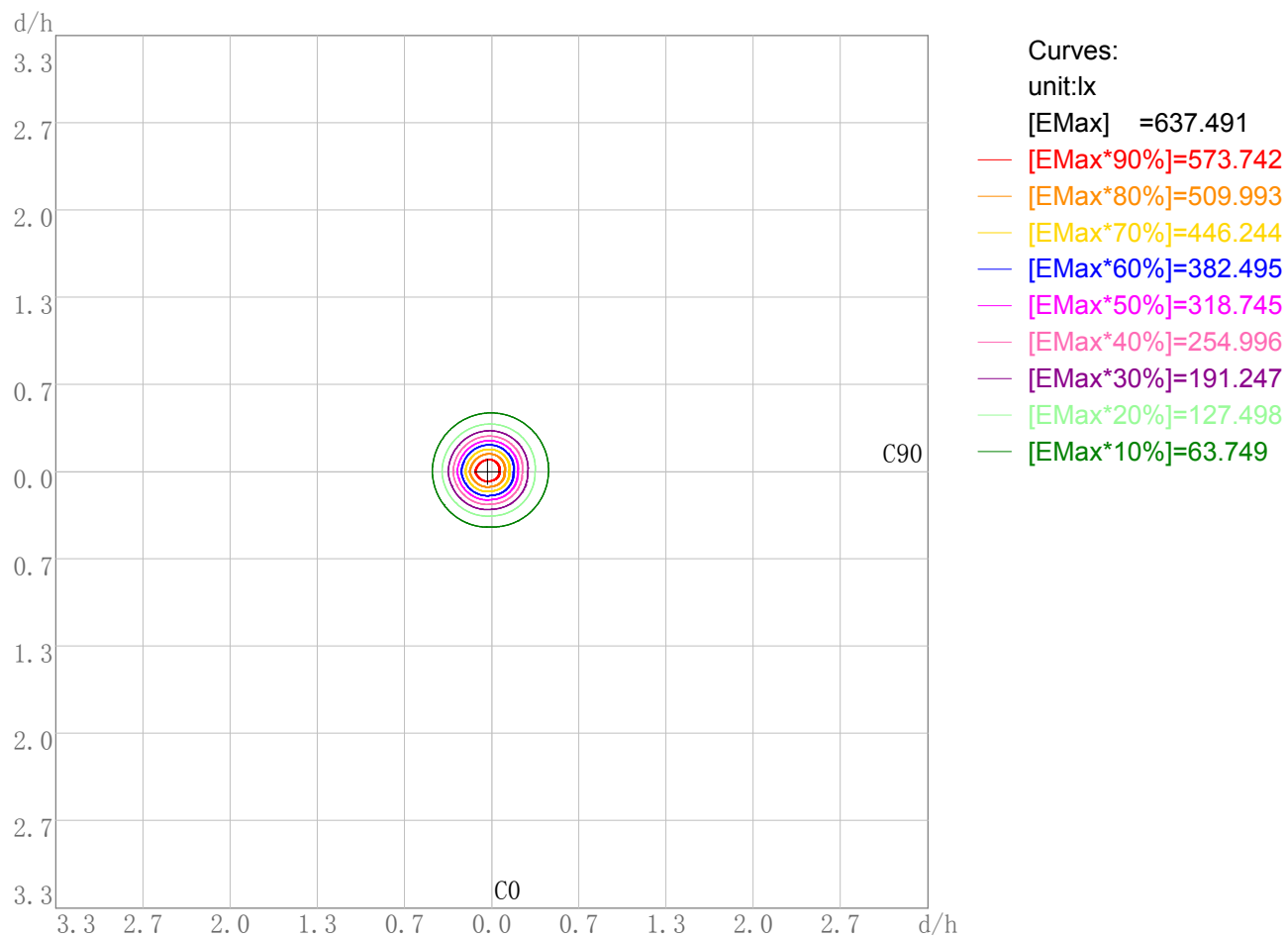
Maximum Light Intensity(cd): 5747.92

Maximum Cand.@Angle: H=-0.0°,V=-2.0°

Plane ISO-Illuminance Diagram

Lum. Name:TR04-25-XX-01 2700K 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:2019/09/12

Plane ISO-Illuminance Curve



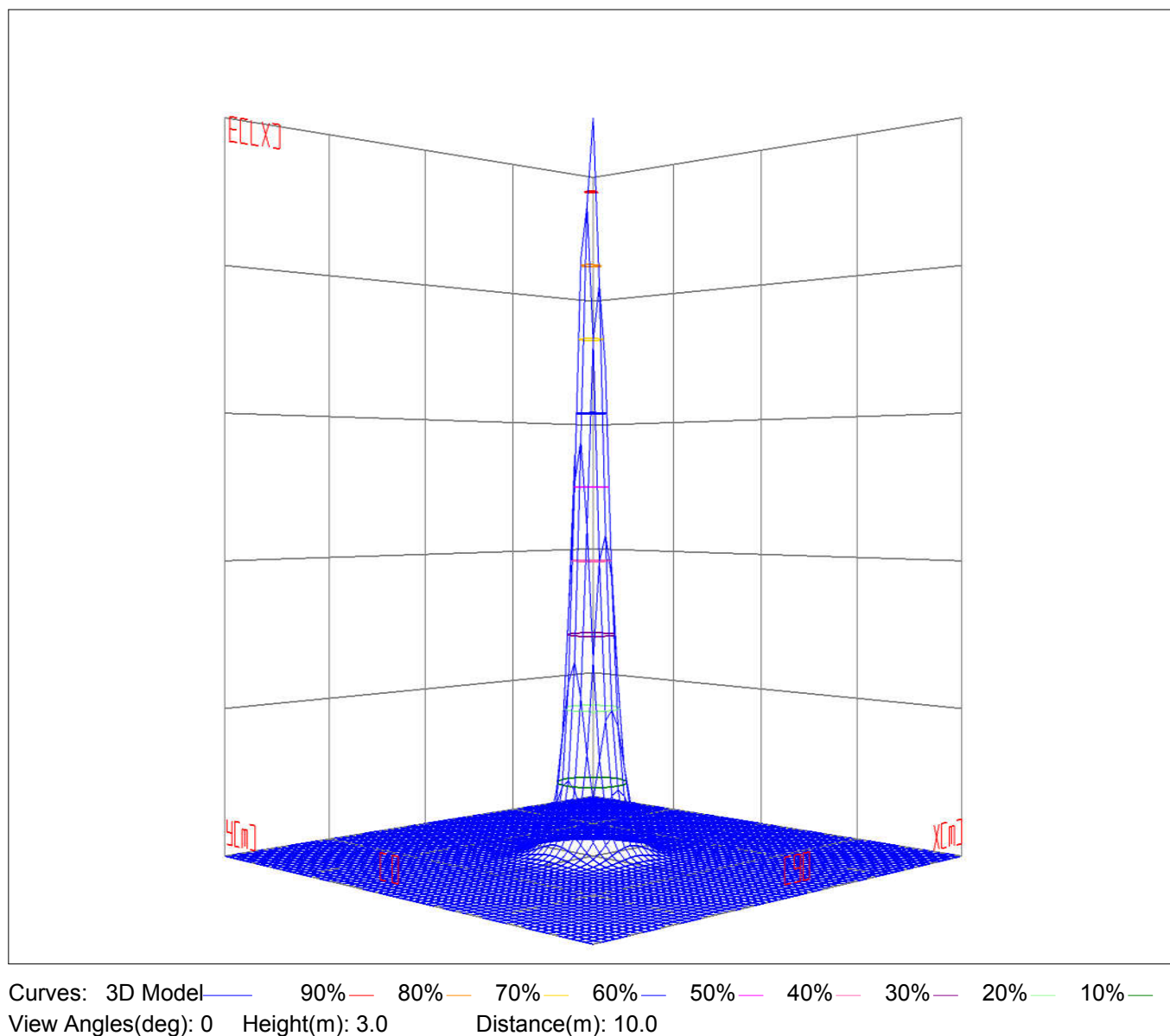
Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 637.49  
Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

**Photometric Filename:TR04-25-XX-01 2700K RA90 24D.IES**

### 3D Plane ISO Illuminance Diagram

Lum. Name: TR04-25-XX-01 2700K 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: 2019/09/12

### 3D Plane Illuminance Modal

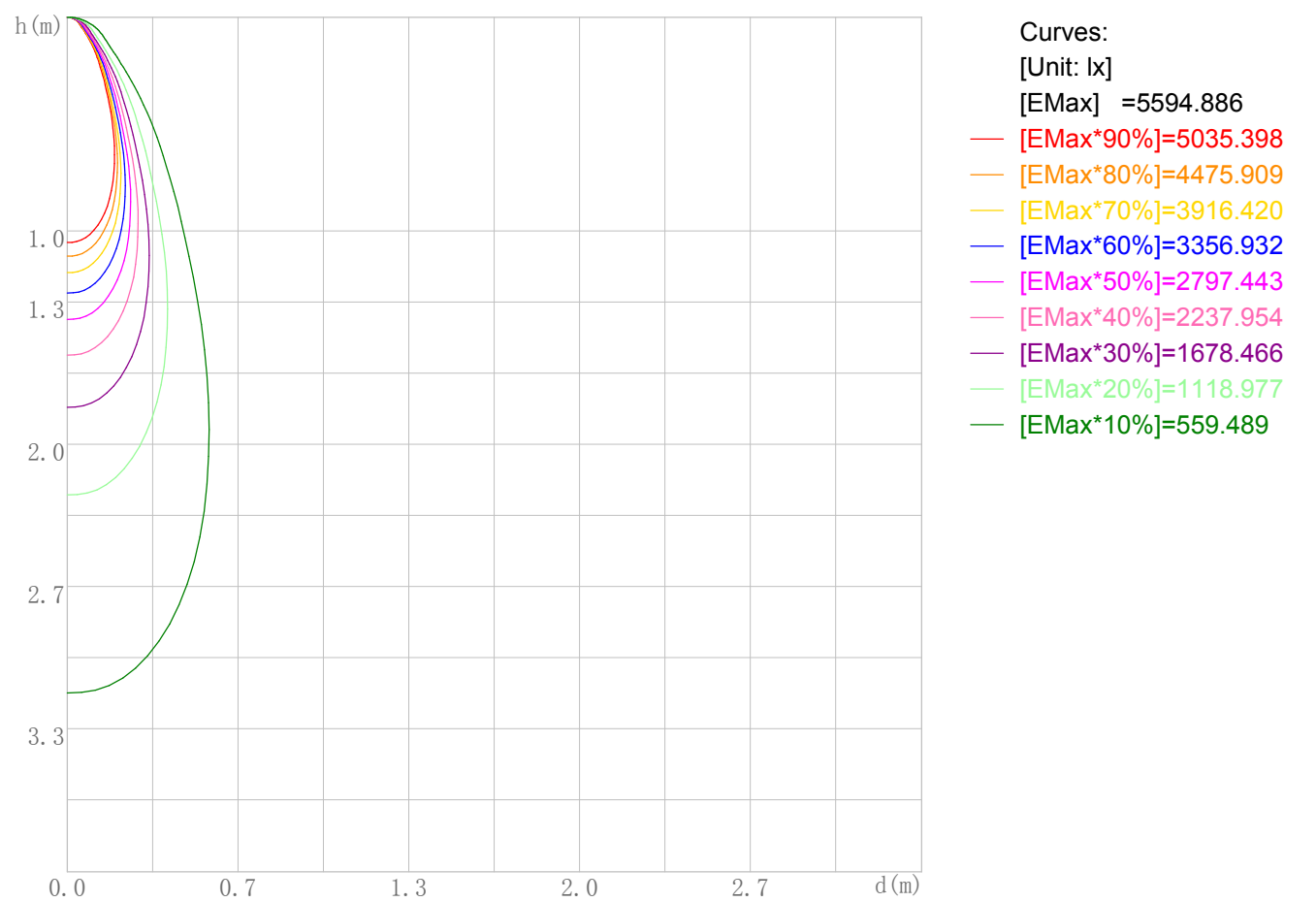




Space ISO Illuminance Diagram

Lum. Name:TR04-25-XX-01 2700K 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:2019/09/12

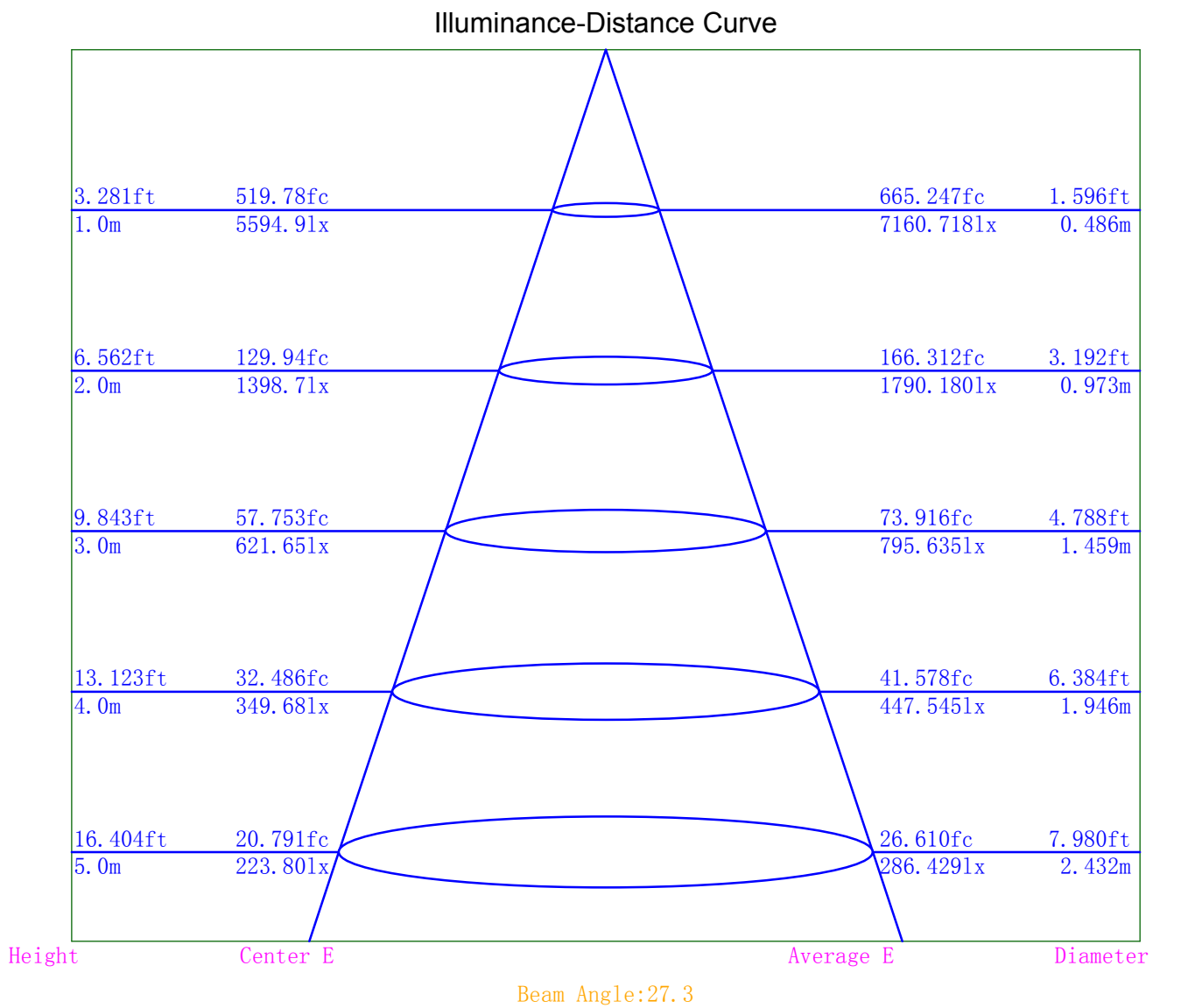
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:5594.89lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:5594.886cd,0eg

Illuminance-Distance Diagram

Lum. Name:TR04-25-XX-01 2700K 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:2019/09/12



Indoor Luminance Limiting Curves

Lum. Name:TR04-25-XX-01 2700K 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:2019/09/12

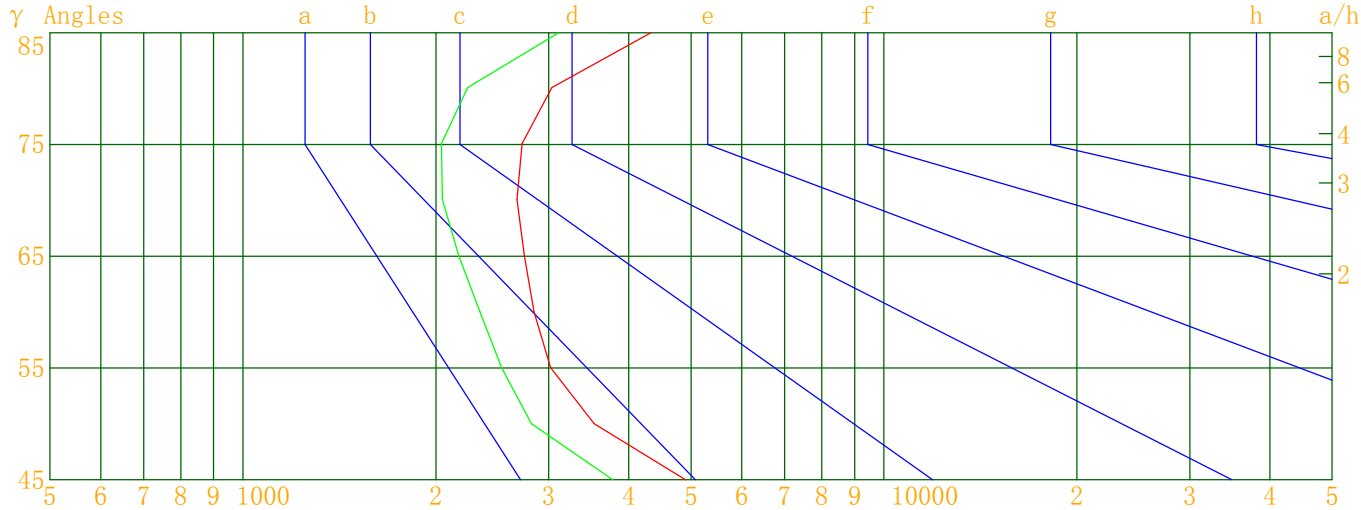
Glare Grade Table

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	4903	3532	3019	2846	2749	2678	2727	3035	4328
C90	3773	2820	2534	2342	2171	2048	2041	2243	3110

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

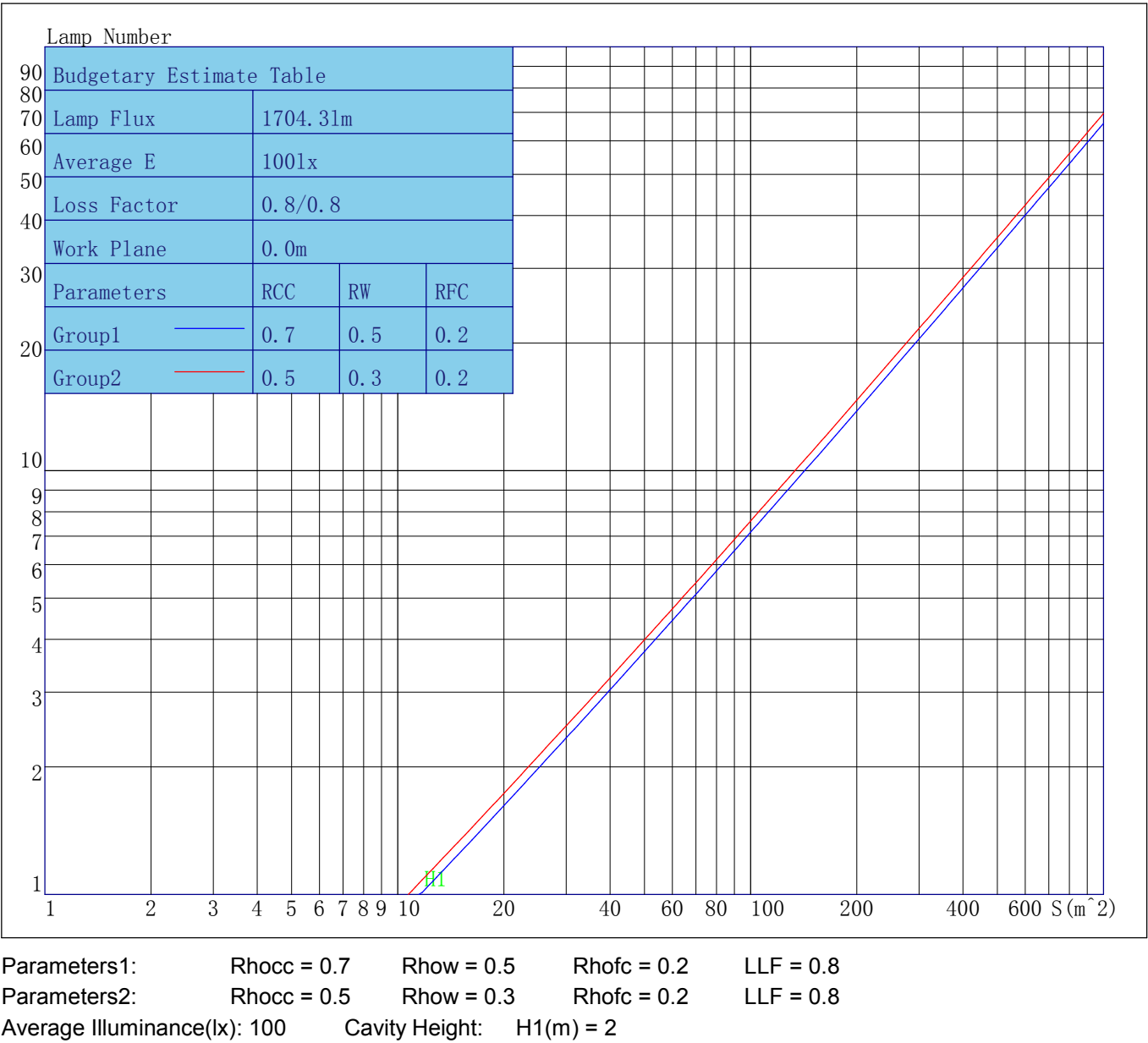
Luminous Curves:

C0-C180 Color: —

C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name:TR04-25-XX-01 2700K 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:2019/09/12



Indoor Coefficient of Utilization Table

Lum. Name:TR04-25-XX-01 2700K 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:2019/09/12

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	110	110	110	105	105	105	100	100	100	98
1	114	111	109	107	111	109	107	105	104	103	101	100	99	98	97	96	95	93
2	109	105	101	98	107	103	100	97	99	97	94	96	94	92	93	91	90	88
3	105	99	95	91	103	98	94	90	95	91	89	92	89	87	90	88	86	84
4	101	94	89	86	99	93	89	85	91	87	84	89	85	83	87	84	82	80
5	97	90	85	81	95	89	84	81	87	83	80	85	82	79	84	81	78	77
6	93	86	81	77	92	85	80	77	84	80	76	82	79	76	81	78	75	74
7	90	82	78	74	89	82	77	74	80	76	73	79	76	73	78	75	72	71
8	87	79	74	71	86	79	74	71	78	73	71	77	73	70	75	72	70	69
9	84	76	72	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66
10	82	74	69	66	81	73	69	66	72	68	66	72	68	65	71	68	65	64

Unified Glare Rating Table

Lum. Name: TR04-25-XX-01 2700K 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: 2019/09/12

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	11.5	12.5	11.9	12.8	13.2	10.8	11.8	11.2	12.1	12.5
	12.2	13.1	12.6	13.5	13.9	11.3	12.2	11.8	12.6	13.0
	12.6	13.5	13.1	13.9	14.3	11.6	12.5	12.1	12.9	13.3
	13.1	13.9	13.5	14.3	14.7	12.0	12.8	12.4	13.2	13.6
	13.3	14.1	13.8	14.5	15.0	12.1	12.9	12.6	13.3	13.8
	13.6	14.3	14.1	14.7	15.2	12.3	13.0	12.8	13.5	13.9
X=4H    Y=2H	11.6	12.5	12.1	12.9	13.3	10.9	11.8	11.4	12.2	12.6
	12.6	13.3	13.1	13.8	14.2	11.7	12.4	12.2	12.9	13.3
	13.2	13.8	13.7	14.3	14.8	12.2	12.8	12.6	13.3	13.8
	13.8	14.4	14.3	14.9	15.4	12.7	13.2	13.2	13.7	14.2
	14.2	14.7	14.7	15.2	15.7	12.9	13.4	13.4	13.9	14.4
	14.6	15.0	15.1	15.5	16.1	13.2	13.7	13.7	14.2	14.7
X=8H    Y=4H	13.4	13.9	13.9	14.4	14.9	12.3	12.9	12.9	13.4	13.9
	14.2	14.7	14.8	15.2	15.8	13.0	13.5	13.6	14.0	14.6
	14.7	15.1	15.2	15.6	16.2	13.4	13.8	14.0	14.3	14.9
	15.3	15.6	15.8	16.1	16.8	13.9	14.2	14.4	14.7	15.3
X=12H    Y=4H	13.4	13.9	13.9	14.4	14.9	12.4	12.8	12.9	13.4	13.9
	14.3	14.7	14.9	15.2	15.8	13.1	13.5	13.7	14.0	14.6
	14.9	15.2	15.4	15.7	16.4	13.6	13.9	14.1	14.4	15.1
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/-0.5					0.6/-0.7				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.6					2.3				

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	5594.89	5594.89	5594.89	5594.89
γ 1.0	5588.15	5518.95	5526.45	5709.99
γ 2.0	5561.38	5370.02	5438.75	5747.92
γ 3.0	5495.93	5190.01	5316.30	5747.25
γ 4.0	5393.49	4982.85	5157.80	5706.76
γ 5.0	5254.19	4751.43	4971.38	5632.15
γ 6.0	5081.49	4497.52	4755.29	5521.12
γ 7.0	4875.96	4229.08	4513.27	5374.25
γ 8.0	4646.35	3950.21	4248.12	5194.28
γ 9.0	4392.85	3661.07	3966.12	4979.82
γ 10.0	4125.15	3362.85	3669.39	4730.30
γ 11.0	3839.35	3056.04	3362.78	4449.21
γ 12.0	3541.23	2761.32	3051.72	4142.50
γ 13.0	3233.93	2487.06	2742.63	3810.04
γ 14.0	2921.86	2234.77	2454.15	3467.83
γ 15.0	2624.05	1993.77	2184.16	3122.03
γ 16.0	2345.59	1769.47	1930.13	2779.36
γ 17.0	2082.18	1566.76	1692.69	2450.32
γ 18.0	1834.27	1384.26	1472.26	2148.42
γ 19.0	1603.28	1224.81	1270.59	1867.45
γ 20.0	1392.27	1087.96	1094.07	1613.58
γ 21.0	1202.88	968.77	946.10	1381.93
γ 22.0	1038.34	865.45	822.07	1173.44
γ 23.0	897.47	774.90	718.09	989.81
γ 24.0	780.64	691.56	632.10	827.77
γ 25.0	684.45	617.41	554.57	692.13
γ 26.0	601.73	554.13	485.78	586.34
γ 27.0	526.75	498.19	427.13	505.80
γ 28.0	462.42	448.34	375.16	438.47
γ 29.0	407.30	403.59	332.33	374.41
γ 30.0	362.22	361.26	295.59	319.14
γ 31.0	323.46	322.62	264.01	273.40
γ 32.0	288.17	285.54	235.41	240.55
γ 33.0	255.73	253.10	208.39	214.74
γ 34.0	227.09	223.07	183.88	193.00
γ 35.0	200.90	196.94	161.56	173.18
γ 36.0	178.25	173.02	142.31	155.30
γ 37.0	158.14	150.79	125.12	138.29
γ 38.0	140.08	130.38	110.39	122.93
γ 39.0	124.67	111.55	97.45	109.34
γ 40.0	111.14	95.29	86.14	97.16
γ 41.0	98.90	81.99	75.99	86.72
γ 42.0	88.14	71.26	67.32	77.85
γ 43.0	78.73	62.82	60.13	70.37
γ 44.0	70.99	55.90	54.20	64.23
γ 45.0	64.48	49.62	49.33	58.93
γ 46.0	58.96	44.18	45.20	54.57

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	54.06	40.39	41.51	50.97
γ 48.0	49.54	37.82	38.05	47.90
γ 49.0	45.49	35.62	35.40	45.25
γ 50.0	42.23	33.71	33.59	42.83
γ 51.0	39.72	32.05	32.08	40.48
γ 52.0	37.68	30.58	30.93	38.40
γ 53.0	35.62	29.38	29.76	36.84
γ 54.0	33.79	28.12	28.75	35.42
γ 55.0	32.20	27.03	27.87	33.92
γ 56.0	30.88	25.93	27.03	32.66
γ 57.0	29.71	24.91	26.12	31.31
γ 58.0	28.60	23.81	25.35	30.26
γ 59.0	27.51	22.71	24.59	29.34
γ 60.0	26.47	21.78	23.75	28.48
γ 61.0	25.46	20.91	22.90	27.66
γ 62.0	24.47	19.92	22.12	26.81
γ 63.0	23.50	18.84	21.24	26.00
γ 64.0	22.63	17.94	20.33	25.13
γ 65.0	21.61	17.07	19.40	24.22
γ 66.0	20.63	16.18	18.53	23.47
γ 67.0	19.63	15.40	17.76	22.46
γ 68.0	18.67	14.61	16.86	21.54
γ 69.0	17.89	13.75	16.02	20.65
γ 70.0	17.03	13.03	15.28	19.78
γ 71.0	16.20	12.35	14.41	18.92
γ 72.0	15.43	11.70	13.67	17.94
γ 73.0	14.58	11.10	12.95	17.26
γ 74.0	13.83	10.51	12.27	16.33
γ 75.0	13.13	9.83	11.61	15.59
γ 76.0	12.45	9.34	10.94	14.73
γ 77.0	11.76	8.78	10.32	13.91
γ 78.0	11.08	8.17	9.68	13.15
γ 79.0	10.39	7.72	9.06	12.47
γ 80.0	9.80	7.24	8.48	11.72
γ 81.0	9.25	6.74	7.90	11.00
γ 82.0	8.70	6.26	7.39	10.30
γ 83.0	8.04	5.87	6.89	9.68
γ 84.0	7.57	5.38	6.29	9.00
γ 85.0	7.02	5.04	5.75	8.31
γ 86.0	6.56	4.56	5.34	7.74
γ 87.0	6.06	4.23	4.84	7.09
γ 88.0	5.64	4.05	4.36	6.54
γ 89.0	5.03	3.87	4.03	5.90
γ 90.0	4.68	3.76	3.87	5.40
γ 91.0	4.52	3.67	3.74	4.85
γ 92.0	4.27	3.58	3.56	4.46
γ 93.0	4.19	3.53	3.44	4.26



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	4.02	3.43	3.36	4.13
γ 95.0	3.91	3.25	3.22	4.00
γ 96.0	3.73	3.26	3.12	3.82
γ 97.0	3.70	3.18	3.01	3.75
γ 98.0	3.64	3.05	2.98	3.46
γ 99.0	3.50	2.97	2.95	3.50
γ 100.0	3.43	2.90	2.82	3.33
γ 101.0	3.42	2.80	2.75	3.23
γ 102.0	3.27	2.84	2.73	3.13
γ 103.0	3.18	2.76	2.63	3.08
γ 104.0	3.15	2.70	2.61	2.94
γ 105.0	3.11	2.65	2.54	2.92
γ 106.0	3.04	2.55	2.52	2.89
γ 107.0	2.98	2.50	2.57	2.84
γ 108.0	2.88	2.46	2.49	2.79
γ 109.0	2.81	2.38	2.53	2.73
γ 110.0	2.74	2.30	2.48	2.79
γ 111.0	2.80	2.30	2.42	2.71
γ 112.0	2.70	2.25	2.48	2.73
γ 113.0	2.60	2.23	2.52	2.67
γ 114.0	2.54	2.14	2.51	2.66
γ 115.0	2.54	2.17	2.49	2.62
γ 116.0	2.46	2.13	2.50	2.67
γ 117.0	2.42	2.13	2.61	2.66
γ 118.0	2.44	2.13	2.61	2.71
γ 119.0	2.40	2.10	2.57	2.78
γ 120.0	2.39	2.16	2.63	2.85
γ 121.0	2.36	2.17	2.80	2.89
γ 122.0	2.32	2.18	2.82	2.87
γ 123.0	2.40	2.29	2.89	2.89
γ 124.0	2.46	2.39	2.97	3.08
γ 125.0	2.46	2.45	3.18	3.12
γ 126.0	2.51	2.65	3.29	3.21
γ 127.0	2.56	2.79	3.44	3.32
γ 128.0	2.70	3.03	3.63	3.47
γ 129.0	2.91	3.22	3.85	3.56
γ 130.0	3.02	3.39	4.07	3.74
γ 131.0	3.22	3.66	4.31	3.92
γ 132.0	3.45	3.93	4.59	4.19
γ 133.0	3.63	4.11	4.95	4.36
γ 134.0	3.94	4.50	5.18	4.57
γ 135.0	4.15	4.80	5.47	4.81
γ 136.0	4.42	5.15	5.88	5.14
γ 137.0	4.78	5.55	6.14	5.39
γ 138.0	5.07	5.89	6.65	5.73
γ 139.0	5.41	6.25	6.94	6.01
γ 140.0	5.71	6.59	7.32	6.31

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	6.14	7.04	7.73	6.73
γ 142.0	6.48	7.27	7.97	7.14
γ 143.0	6.85	7.71	8.39	7.41
γ 144.0	7.26	8.03	8.78	7.74
γ 145.0	7.60	8.33	9.10	8.16
γ 146.0	7.99	8.77	9.47	8.45
γ 147.0	8.36	9.02	9.78	8.84
γ 148.0	8.79	9.41	10.10	9.17
γ 149.0	9.10	9.68	10.40	9.47
γ 150.0	9.46	9.92	10.73	9.84
γ 151.0	9.71	10.16	10.91	10.17
γ 152.0	10.00	10.42	11.26	10.45
γ 153.0	10.34	10.57	11.39	10.65
γ 154.0	10.55	10.85	11.61	10.99
γ 155.0	10.82	10.95	11.81	11.14
γ 156.0	11.08	11.15	11.95	11.47
γ 157.0	11.19	11.41	12.12	11.63
γ 158.0	11.36	11.45	12.25	11.69
γ 159.0	11.57	11.57	12.34	11.86
γ 160.0	11.76	11.64	12.34	12.01
γ 161.0	11.91	11.78	12.41	12.11
γ 162.0	12.01	11.81	12.49	12.22
γ 163.0	12.09	11.88	12.60	12.22
γ 164.0	12.12	11.91	12.52	12.31
γ 165.0	12.18	12.01	12.56	12.37
γ 166.0	12.18	11.94	12.61	12.48
γ 167.0	12.25	11.92	12.50	12.35
γ 168.0	12.19	11.90	12.45	12.34
γ 169.0	12.26	11.88	12.38	12.34
γ 170.0	12.20	11.90	12.37	12.30
γ 171.0	12.13	11.92	12.37	12.31
γ 172.0	12.19	11.86	12.36	12.32
γ 173.0	12.14	11.86	12.25	12.17
γ 174.0	12.13	11.90	12.28	12.14
γ 175.0	12.16	11.93	12.26	12.18
γ 176.0	12.10	12.04	12.22	12.24
γ 177.0	12.13	12.05	12.14	12.22
γ 178.0	12.26	12.16	12.20	12.26
γ 179.0	12.25	12.14	12.26	12.25
γ 180.0	12.23	12.23	12.23	12.23