

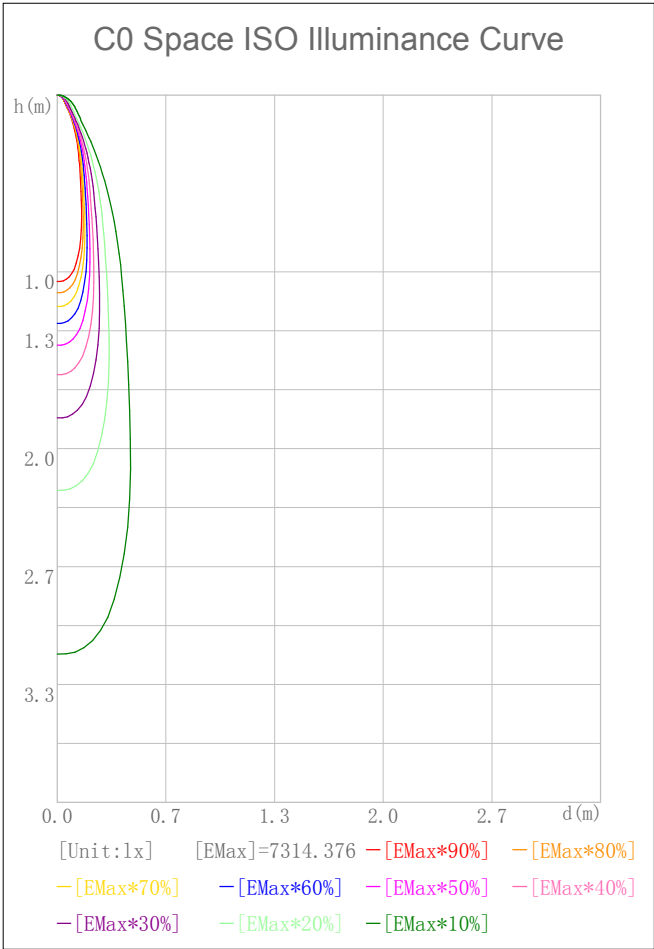
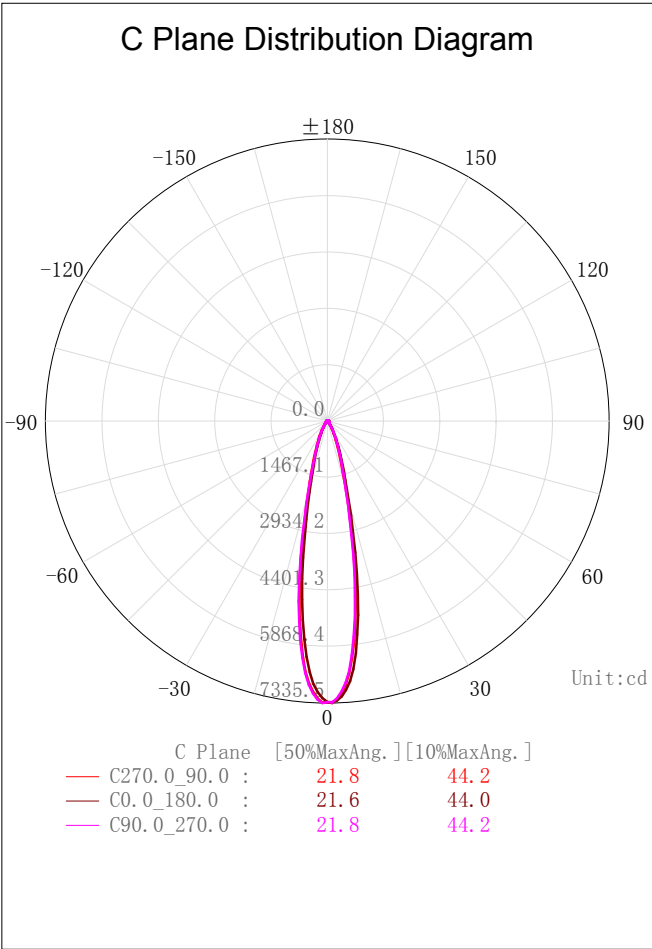
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-20-XX-01 3000K RA90 18D		Lum. Catalog:	Test ID: QIU MEI
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/09/05
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

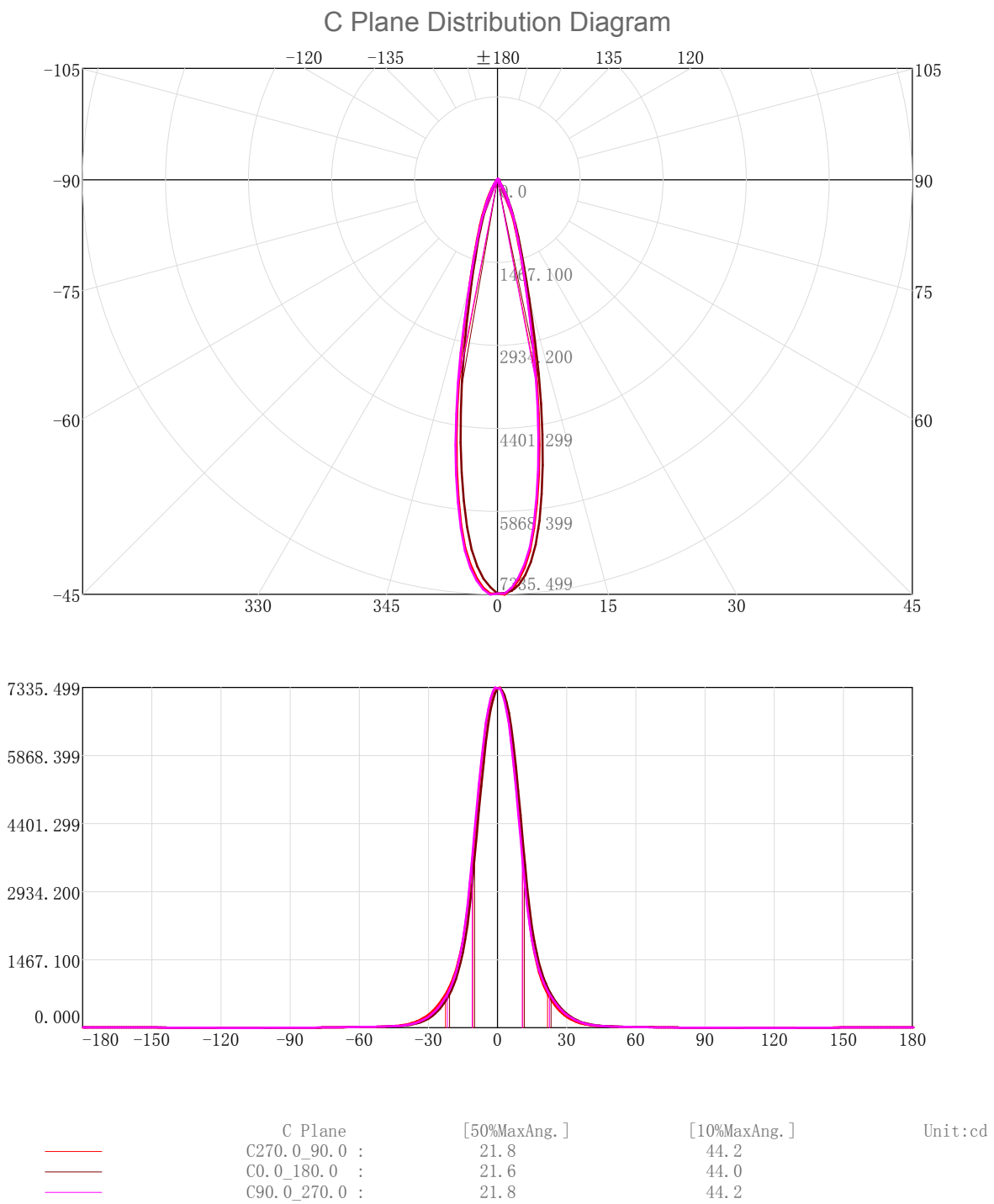
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1539.150	Luminary Flux(lm): 1539.149	Field Angle(10%Imax): 44.2(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1508.858lm 98.03%	
Rated Voltage(V):	Luminary EER(lm/W): 80.499	Up Lumens&Percent: 30.290lm 1.97%	
Tested Power(W): 19.120	Max. Candela(cd): 7335.499	S/MH: C0_a180=0.369 C90_270=0.372	
Lamps' Inside: 1	Max Cand@Ang. (°): C=270.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):240.0, 0.081, 0.976		ErP Φuse(90°): 1414.636lm	
Lamp Size(W*L*H):0.060m*0.060m*0.250m		IRF(%): 980.868	
		Left=-10.8°, Right=11.0°	



2D Plane Light Intensity Distribution Curve

Lum. Name:TR04-20-XX-01 3000K 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:2019/09/05

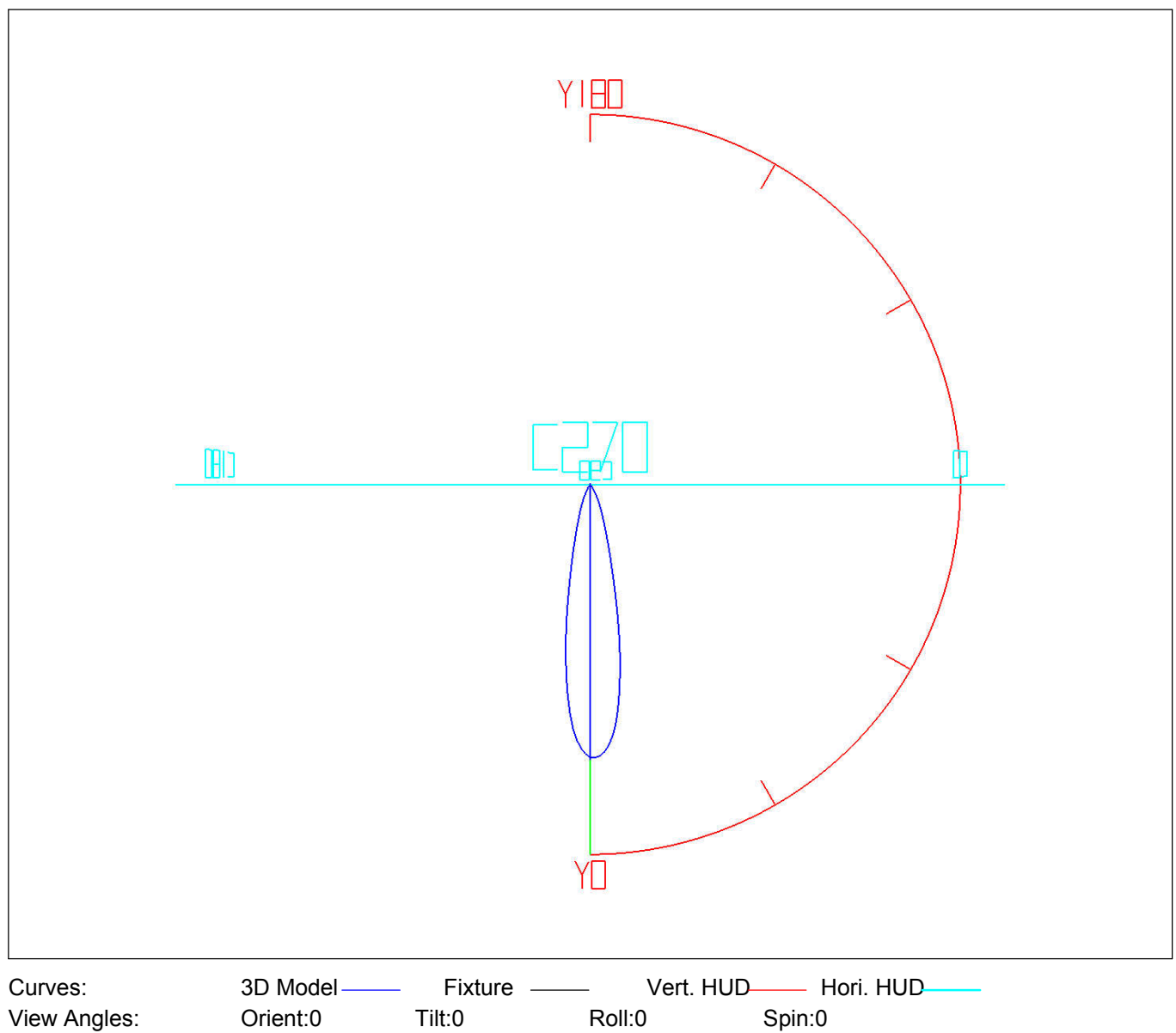


Photometric Filename:TR04-20-XX-01 3000K RA90 18D.IES

3D Light Intensity Distribution Modal

Lum. Name: TR04-20-XX-01 3000K 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: 2019/09/05

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	6.99	6.99	0.45	0.45	47.0-48.0	2.76	1449.59	0.18	94.18
1.0-2.0	20.80	27.79	1.35	1.81	48.0-49.0	2.63	1452.22	0.17	94.35
2.0-3.0	34.05	61.84	2.21	4.02	49.0-50.0	2.51	1454.73	0.16	94.52
3.0-4.0	46.37	108.21	3.01	7.03	50.0-51.0	2.42	1457.15	0.16	94.67
4.0-5.0	57.35	165.56	3.73	10.76	51.0-52.0	2.35	1459.50	0.15	94.82
5.0-6.0	66.46	232.02	4.32	15.07	52.0-53.0	2.28	1461.78	0.15	94.97
6.0-7.0	73.26	305.27	4.76	19.83	53.0-54.0	2.22	1463.99	0.14	95.12
7.0-8.0	77.65	382.92	5.04	24.88	54.0-55.0	2.16	1466.15	0.14	95.26
8.0-9.0	79.70	462.63	5.18	30.06	55.0-56.0	2.10	1468.25	0.14	95.39
9.0-10.0	79.42	542.05	5.16	35.22	56.0-57.0	2.05	1470.31	0.13	95.53
10.0-11.0	76.95	619.00	5.00	40.22	57.0-58.0	2.01	1472.31	0.13	95.66
11.0-12.0	72.72	691.72	4.72	44.94	58.0-59.0	1.96	1474.27	0.13	95.78
12.0-13.0	67.45	759.17	4.38	49.32	59.0-60.0	1.91	1476.18	0.12	95.91
13.0-14.0	61.91	821.08	4.02	53.35	60.0-61.0	1.86	1478.03	0.12	96.03
14.0-15.0	56.64	877.72	3.68	57.03	61.0-62.0	1.80	1479.83	0.12	96.15
15.0-16.0	51.83	929.55	3.37	60.39	62.0-63.0	1.74	1481.58	0.11	96.26
16.0-17.0	47.49	977.04	3.09	63.48	63.0-64.0	1.69	1483.27	0.11	96.37
17.0-18.0	43.58	1020.62	2.83	66.31	64.0-65.0	1.63	1484.89	0.11	96.47
18.0-19.0	40.09	1060.71	2.60	68.92	65.0-66.0	1.56	1486.46	0.10	96.58
19.0-20.0	37.00	1097.71	2.40	71.32	66.0-67.0	1.50	1487.96	0.10	96.67
20.0-21.0	34.21	1131.92	2.22	73.54	67.0-68.0	1.44	1489.40	0.09	96.77
21.0-22.0	31.63	1163.55	2.05	75.60	68.0-69.0	1.38	1490.78	0.09	96.86
22.0-23.0	29.18	1192.73	1.90	77.49	69.0-70.0	1.32	1492.11	0.09	96.94
23.0-24.0	26.83	1219.56	1.74	79.24	70.0-71.0	1.27	1493.38	0.08	97.03
24.0-25.0	24.58	1244.14	1.60	80.83	71.0-72.0	1.22	1494.59	0.08	97.11
25.0-26.0	22.41	1266.55	1.46	82.29	72.0-73.0	1.17	1495.76	0.08	97.18
26.0-27.0	20.36	1286.91	1.32	83.61	73.0-74.0	1.11	1496.87	0.07	97.25
27.0-28.0	18.46	1305.37	1.20	84.81	74.0-75.0	1.06	1497.94	0.07	97.32
28.0-29.0	16.69	1322.06	1.08	85.90	75.0-76.0	1.02	1498.95	0.07	97.39
29.0-30.0	15.03	1337.09	0.98	86.87	76.0-77.0	0.97	1499.92	0.06	97.45
30.0-31.0	13.48	1350.57	0.88	87.75	77.0-78.0	0.93	1500.85	0.06	97.51
31.0-32.0	12.06	1362.63	0.78	88.53	78.0-79.0	0.88	1501.73	0.06	97.57
32.0-33.0	10.77	1373.40	0.70	89.23	79.0-80.0	0.84	1502.57	0.05	97.62
33.0-34.0	9.59	1382.99	0.62	89.85	80.0-81.0	0.80	1503.37	0.05	97.68
34.0-35.0	8.54	1391.53	0.55	90.41	81.0-82.0	0.76	1504.13	0.05	97.72
35.0-36.0	7.60	1399.13	0.49	90.90	82.0-83.0	0.72	1504.85	0.05	97.77
36.0-37.0	6.79	1405.92	0.44	91.34	83.0-84.0	0.68	1505.53	0.04	97.82
37.0-38.0	6.08	1412.00	0.39	91.74	84.0-85.0	0.64	1506.17	0.04	97.86
38.0-39.0	5.46	1417.46	0.35	92.09	85.0-86.0	0.61	1506.78	0.04	97.90
39.0-40.0	4.91	1422.37	0.32	92.41	86.0-87.0	0.57	1507.35	0.04	97.93
40.0-41.0	4.41	1426.78	0.29	92.70	87.0-88.0	0.54	1507.88	0.03	97.97
41.0-42.0	3.98	1430.76	0.26	92.96	88.0-89.0	0.50	1508.38	0.03	98.00
42.0-43.0	3.63	1434.39	0.24	93.19	89.0-90.0	0.47	1508.86	0.03	98.03
43.0-44.0	3.37	1437.76	0.22	93.41	90.0-91.0	0.46	1509.31	0.03	98.06
44.0-45.0	3.17	1440.93	0.21	93.62	91.0-92.0	0.44	1509.75	0.03	98.09
45.0-46.0	3.02	1443.95	0.20	93.81	92.0-93.0	0.42	1510.18	0.03	98.12
46.0-47.0	2.89	1446.83	0.19	94.00	93.0-94.0	0.41	1510.59	0.03	98.14

IES Indoor Report

Photometric Filename:TR04-20-XX-01 3000K RA90 18D.IES

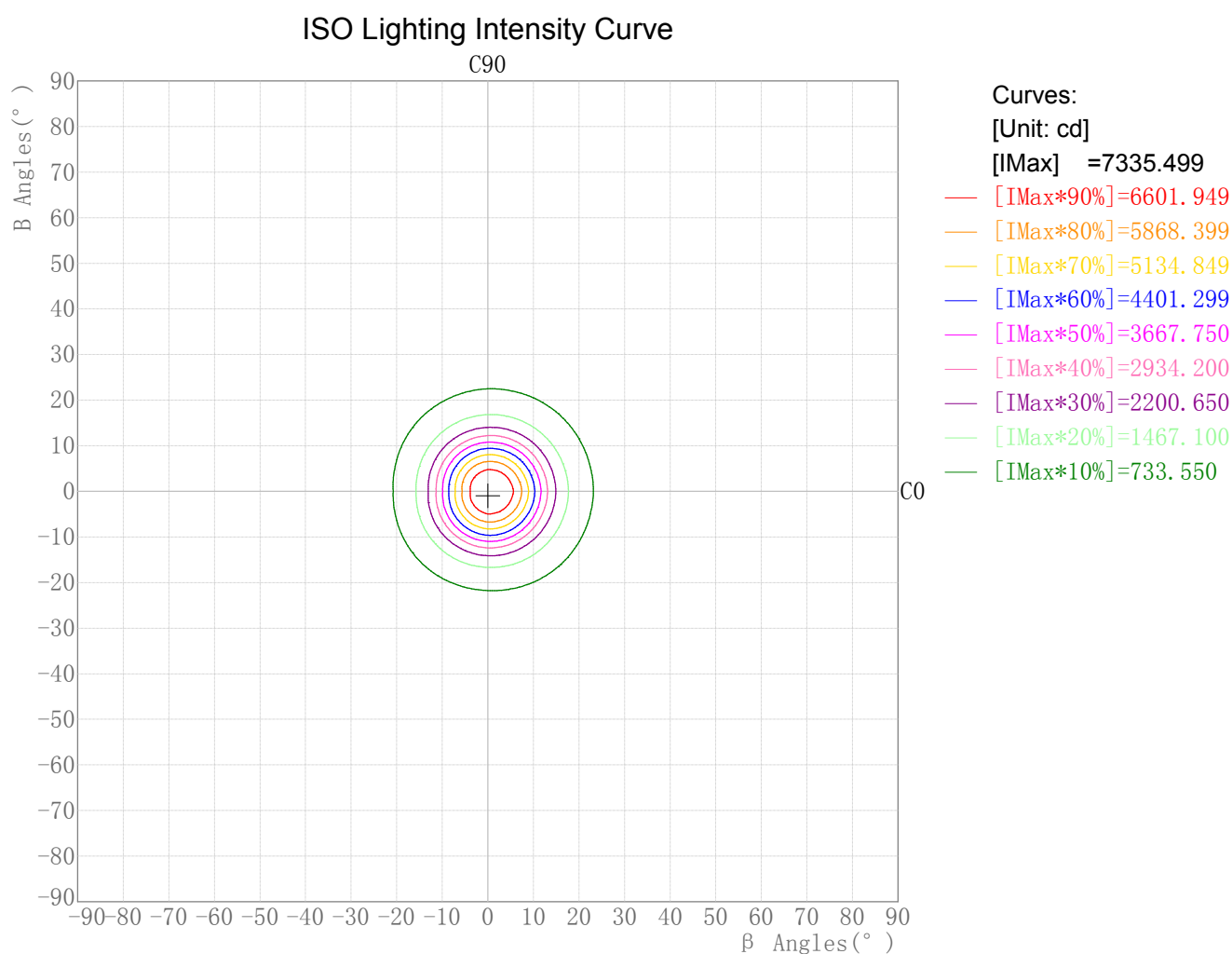
Zonal Flux Tabulation - (Cont.)

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	1510. 99	0. 03	98. 17	141. 0-142. 0	0. 47	1525. 55	0. 03	99. 12
95. 0-96. 0	0. 39	1511. 38	0. 03	98. 20	142. 0-143. 0	0. 49	1526. 04	0. 03	99. 15
96. 0-97. 0	0. 38	1511. 75	0. 02	98. 22	143. 0-144. 0	0. 50	1526. 54	0. 03	99. 18
97. 0-98. 0	0. 37	1512. 12	0. 02	98. 24	144. 0-145. 0	0. 51	1527. 05	0. 03	99. 21
98. 0-99. 0	0. 35	1512. 47	0. 02	98. 27	145. 0-146. 0	0. 52	1527. 57	0. 03	99. 25
99. 0-100. 0	0. 34	1512. 82	0. 02	98. 29	146. 0-147. 0	0. 53	1528. 10	0. 03	99. 28
100. 0-101. 0	0. 34	1513. 15	0. 02	98. 31	147. 0-148. 0	0. 54	1528. 64	0. 03	99. 32
101. 0-102. 0	0. 33	1513. 48	0. 02	98. 33	148. 0-149. 0	0. 54	1529. 18	0. 04	99. 35
102. 0-103. 0	0. 32	1513. 80	0. 02	98. 35	149. 0-150. 0	0. 54	1529. 72	0. 04	99. 39
103. 0-104. 0	0. 31	1514. 11	0. 02	98. 37	150. 0-151. 0	0. 54	1530. 26	0. 04	99. 42
104. 0-105. 0	0. 31	1514. 42	0. 02	98. 39	151. 0-152. 0	0. 54	1530. 80	0. 03	99. 46
105. 0-106. 0	0. 30	1514. 72	0. 02	98. 41	152. 0-153. 0	0. 53	1531. 33	0. 03	99. 49
106. 0-107. 0	0. 30	1515. 02	0. 02	98. 43	153. 0-154. 0	0. 52	1531. 85	0. 03	99. 53
107. 0-108. 0	0. 29	1515. 31	0. 02	98. 45	154. 0-155. 0	0. 51	1532. 37	0. 03	99. 56
108. 0-109. 0	0. 29	1515. 59	0. 02	98. 47	155. 0-156. 0	0. 50	1532. 87	0. 03	99. 59
109. 0-110. 0	0. 28	1515. 88	0. 02	98. 49	156. 0-157. 0	0. 49	1533. 36	0. 03	99. 62
110. 0-111. 0	0. 28	1516. 16	0. 02	98. 51	157. 0-158. 0	0. 48	1533. 83	0. 03	99. 65
111. 0-112. 0	0. 28	1516. 43	0. 02	98. 52	158. 0-159. 0	0. 46	1534. 29	0. 03	99. 68
112. 0-113. 0	0. 27	1516. 70	0. 02	98. 54	159. 0-160. 0	0. 44	1534. 73	0. 03	99. 71
113. 0-114. 0	0. 26	1516. 97	0. 02	98. 56	160. 0-161. 0	0. 42	1535. 15	0. 03	99. 74
114. 0-115. 0	0. 26	1517. 23	0. 02	98. 58	161. 0-162. 0	0. 40	1535. 56	0. 03	99. 77
115. 0-116. 0	0. 26	1517. 48	0. 02	98. 59	162. 0-163. 0	0. 39	1535. 94	0. 03	99. 79
116. 0-117. 0	0. 25	1517. 74	0. 02	98. 61	163. 0-164. 0	0. 37	1536. 31	0. 02	99. 82
117. 0-118. 0	0. 25	1517. 98	0. 02	98. 62	164. 0-165. 0	0. 34	1536. 65	0. 02	99. 84
118. 0-119. 0	0. 24	1518. 23	0. 02	98. 64	165. 0-166. 0	0. 32	1536. 98	0. 02	99. 86
119. 0-120. 0	0. 24	1518. 47	0. 02	98. 66	166. 0-167. 0	0. 30	1537. 28	0. 02	99. 88
120. 0-121. 0	0. 24	1518. 72	0. 02	98. 67	167. 0-168. 0	0. 28	1537. 56	0. 02	99. 90
121. 0-122. 0	0. 24	1518. 96	0. 02	98. 69	168. 0-169. 0	0. 26	1537. 82	0. 02	99. 91
122. 0-123. 0	0. 24	1519. 20	0. 02	98. 70	169. 0-170. 0	0. 23	1538. 05	0. 02	99. 93
123. 0-124. 0	0. 25	1519. 45	0. 02	98. 72	170. 0-171. 0	0. 21	1538. 26	0. 01	99. 94
124. 0-125. 0	0. 25	1519. 70	0. 02	98. 74	171. 0-172. 0	0. 19	1538. 45	0. 01	99. 95
125. 0-126. 0	0. 25	1519. 95	0. 02	98. 75	172. 0-173. 0	0. 17	1538. 61	0. 01	99. 97
126. 0-127. 0	0. 26	1520. 21	0. 02	98. 77	173. 0-174. 0	0. 14	1538. 76	0. 01	99. 97
127. 0-128. 0	0. 26	1520. 48	0. 02	98. 79	174. 0-175. 0	0. 12	1538. 88	0. 01	99. 98
128. 0-129. 0	0. 27	1520. 75	0. 02	98. 80	175. 0-176. 0	0. 10	1538. 98	0. 01	99. 99
129. 0-130. 0	0. 28	1521. 03	0. 02	98. 82	176. 0-177. 0	0. 08	1539. 05	0. 00	99. 99
130. 0-131. 0	0. 29	1521. 32	0. 02	98. 84	177. 0-178. 0	0. 05	1539. 11	0. 00	100. 00
131. 0-132. 0	0. 30	1521. 62	0. 02	98. 86	178. 0-179. 0	0. 03	1539. 14	0. 00	100. 00
132. 0-133. 0	0. 32	1521. 94	0. 02	98. 88	179. 0-180. 0	0. 01	1539. 15	0. 00	100. 00
133. 0-134. 0	0. 33	1522. 28	0. 02	98. 90					
134. 0-135. 0	0. 35	1522. 62	0. 02	98. 93					
135. 0-136. 0	0. 37	1522. 99	0. 02	98. 95					
136. 0-137. 0	0. 38	1523. 37	0. 02	98. 97					
137. 0-138. 0	0. 40	1523. 77	0. 03	99. 00					
138. 0-139. 0	0. 42	1524. 19	0. 03	99. 03					
139. 0-140. 0	0. 44	1524. 62	0. 03	99. 06					
140. 0-141. 0	0. 45	1525. 08	0. 03	99. 09					

Photometric Filename:TR04-20-XX-01 3000K RA90 18D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: TR04-20-XX-01 3000K 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: 2019/09/05



Maximum Light Intensity(cd): 7335.50

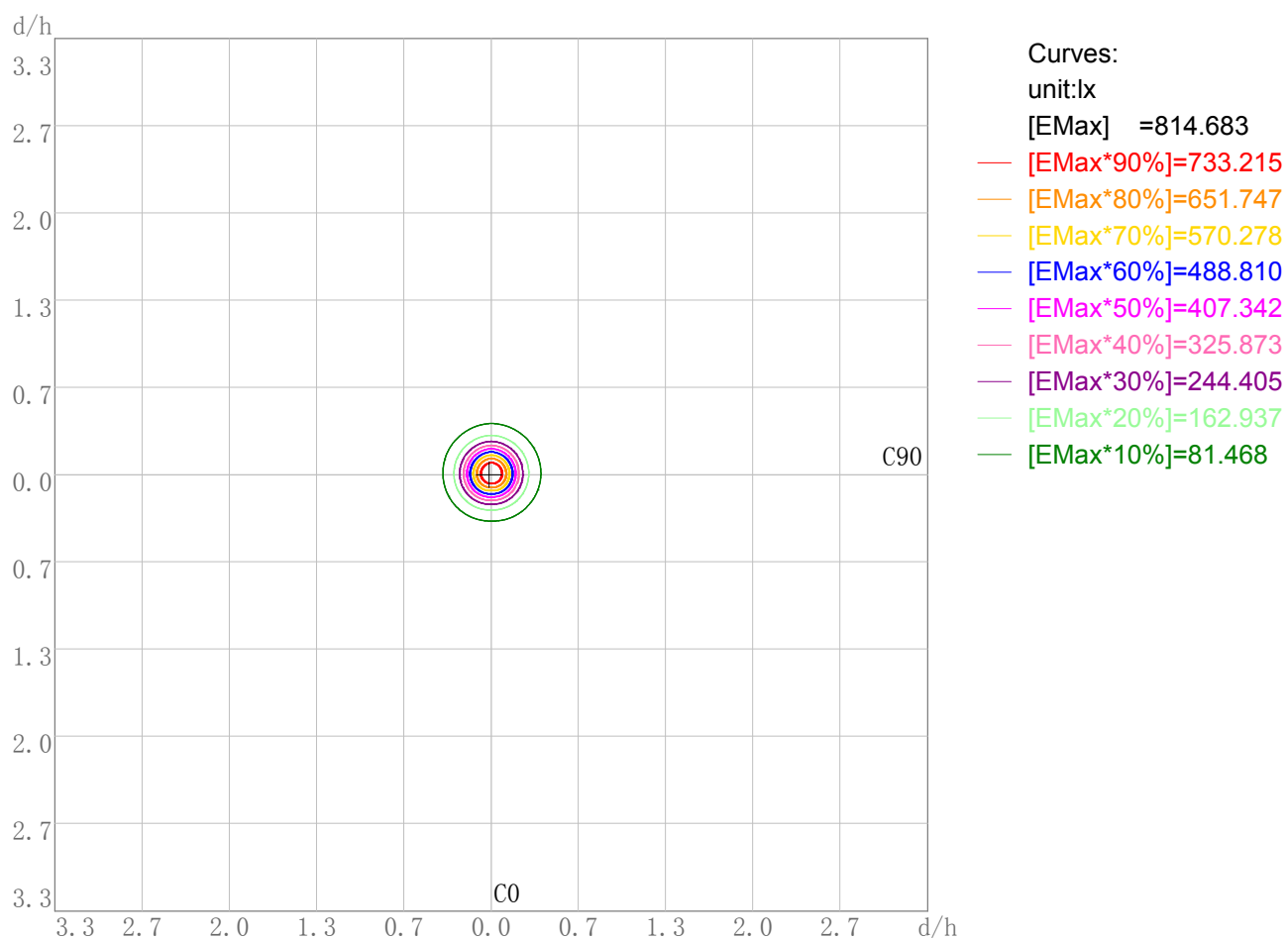
Maximum Cand.@Angle: H=-0.0°,V=-1.0°

Photometric Filename:TR04-20-XX-01 3000K RA90 18D.IES

Plane ISO-Illuminance Diagram

Lum. Name: TR04-20-XX-01 3000K RA90 18D	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: 2019/09/05

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

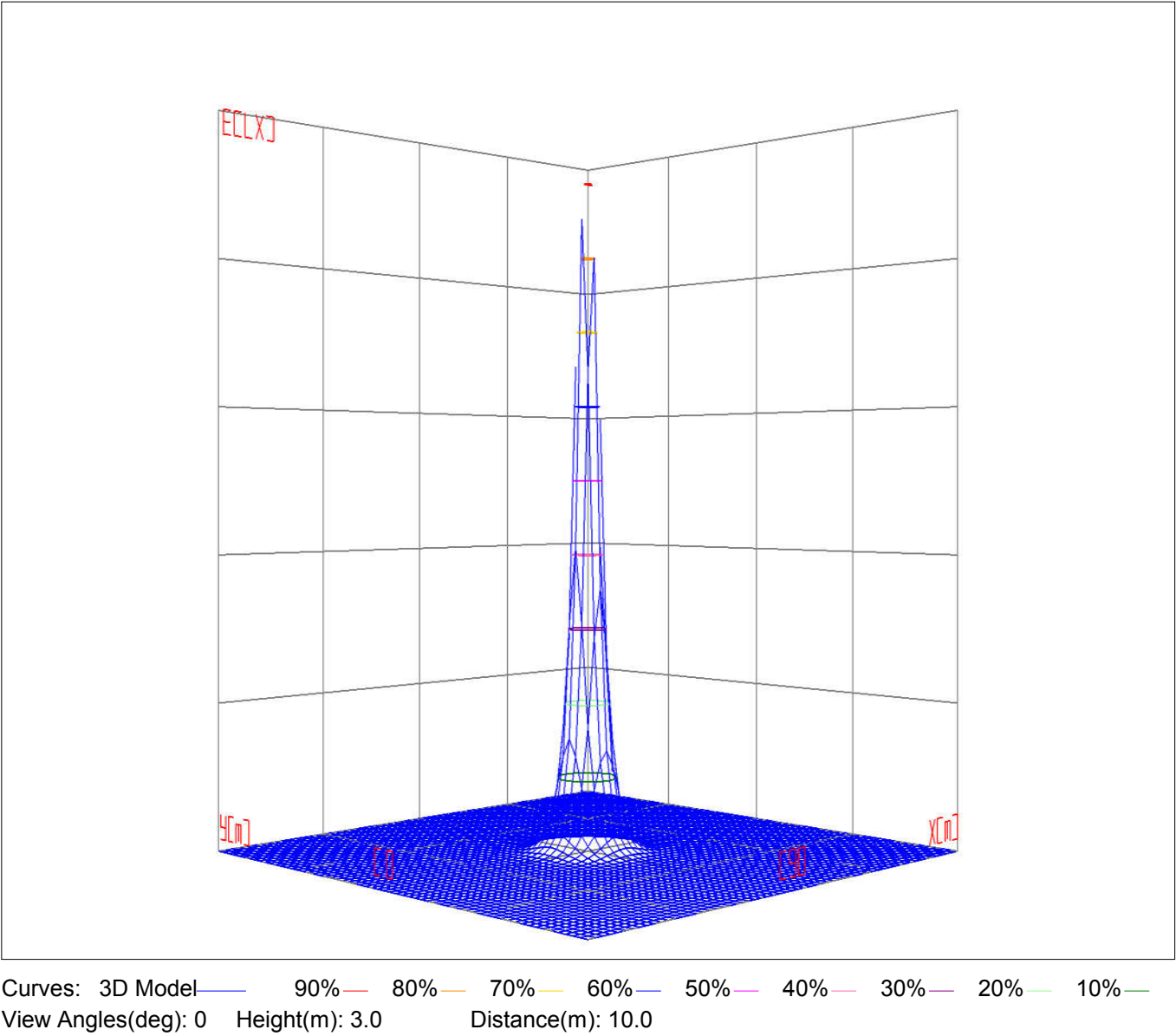
Working Plane Maximum Illuminance(lx): 814.68

Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name:TR04-20-XX-01 3000K 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:2019/09/05

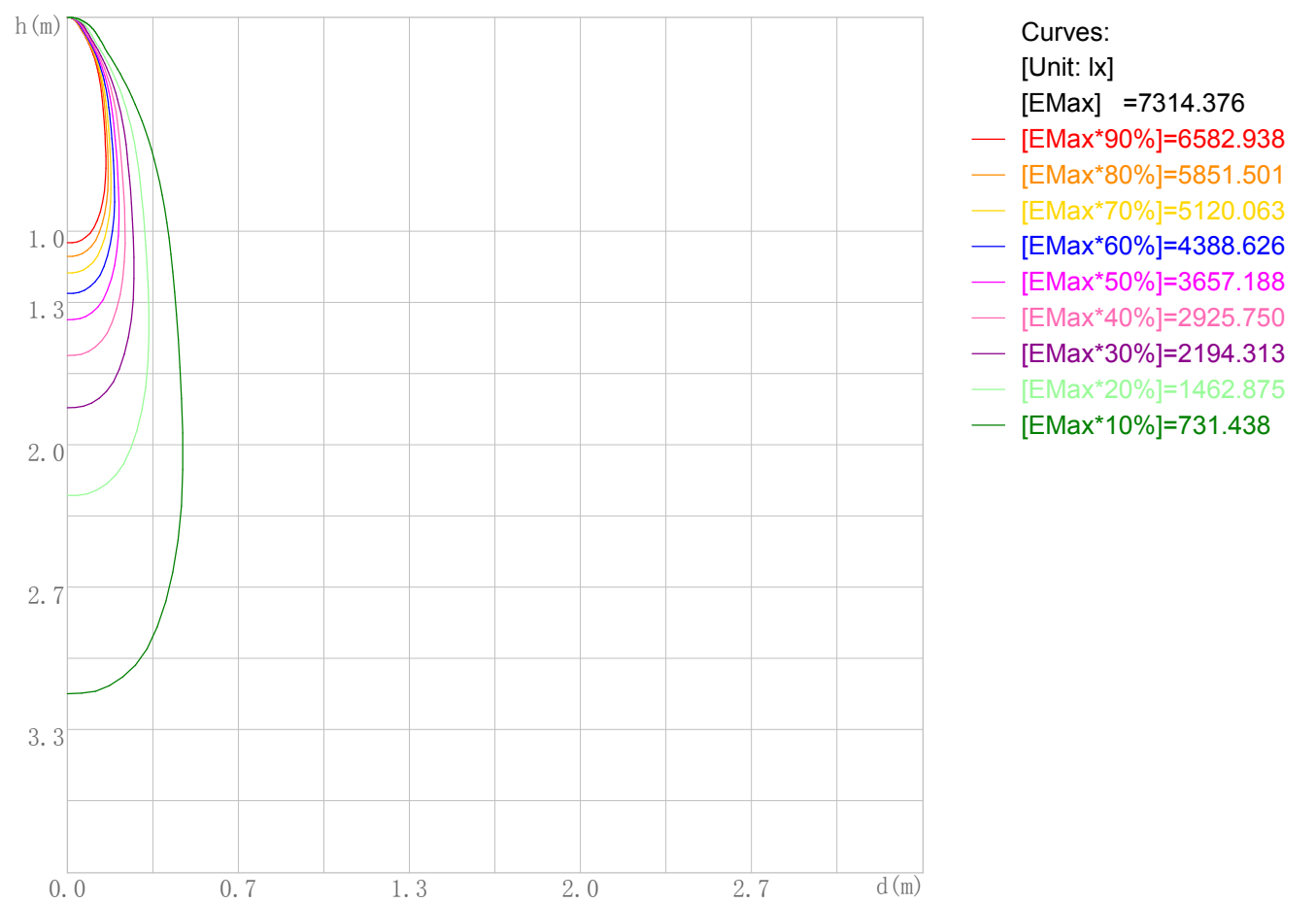
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name:TR04-20-XX-01 3000K 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:2019/09/05

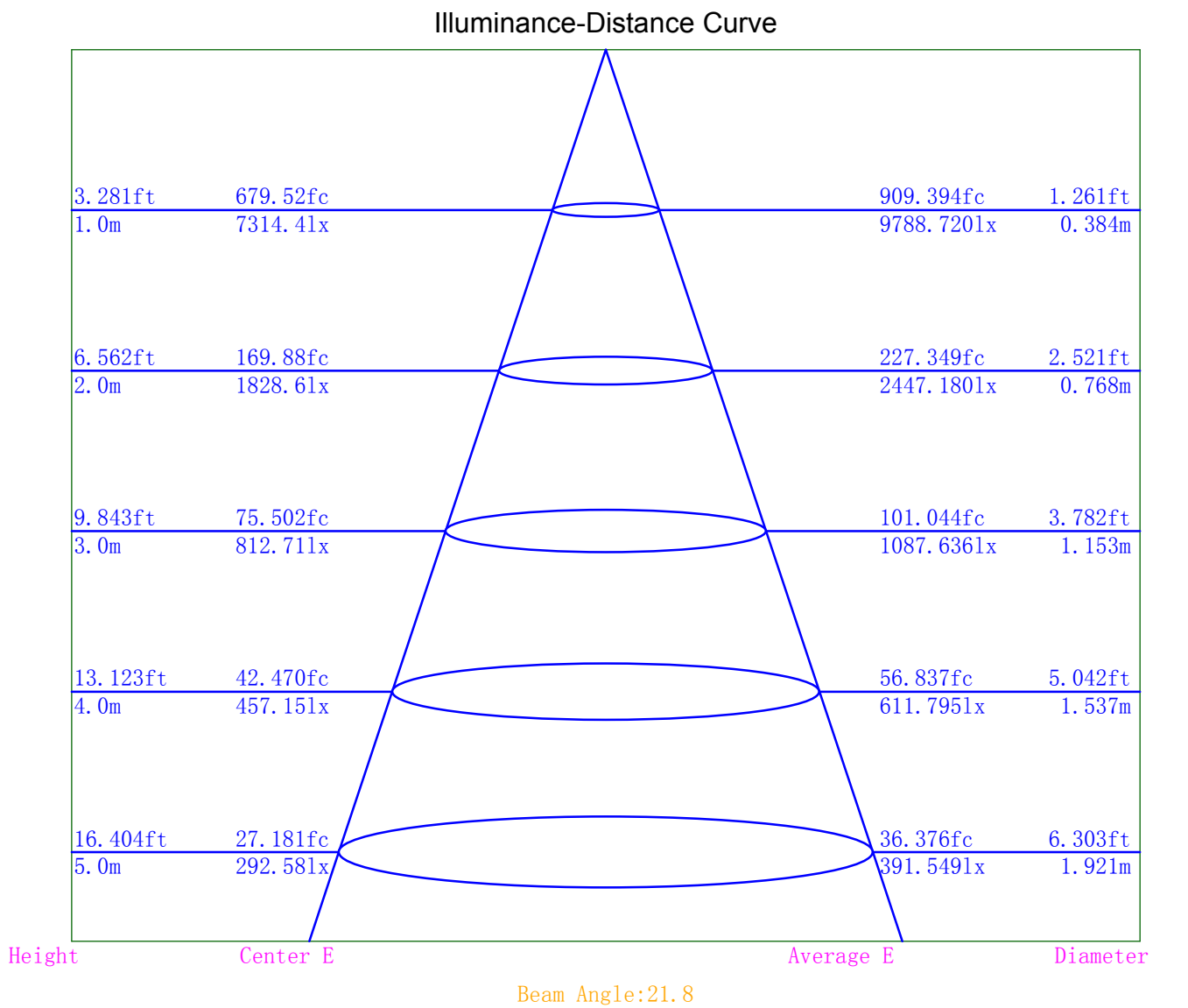
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:7314.38lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:7314.376cd,0eg

Illuminance-Distance Diagram

Lum. Name:TR04-20-XX-01 3000K 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:2019/09/05



Indoor Luminance Limiting Curves

Lum. Name:TR04-20-XX-01 3000K 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:2019/09/05

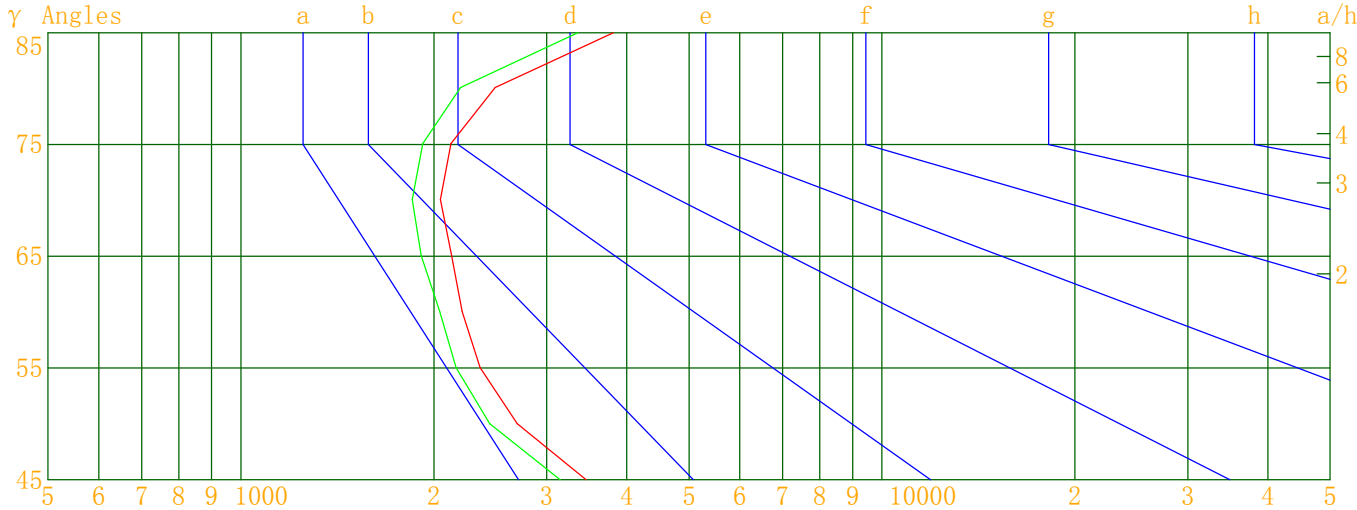
Glare Grade Table

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	3457	2698	2361	2213	2132	2048	2127	2491	3809
C90	3146	2445	2165	2042	1911	1849	1922	2201	3354

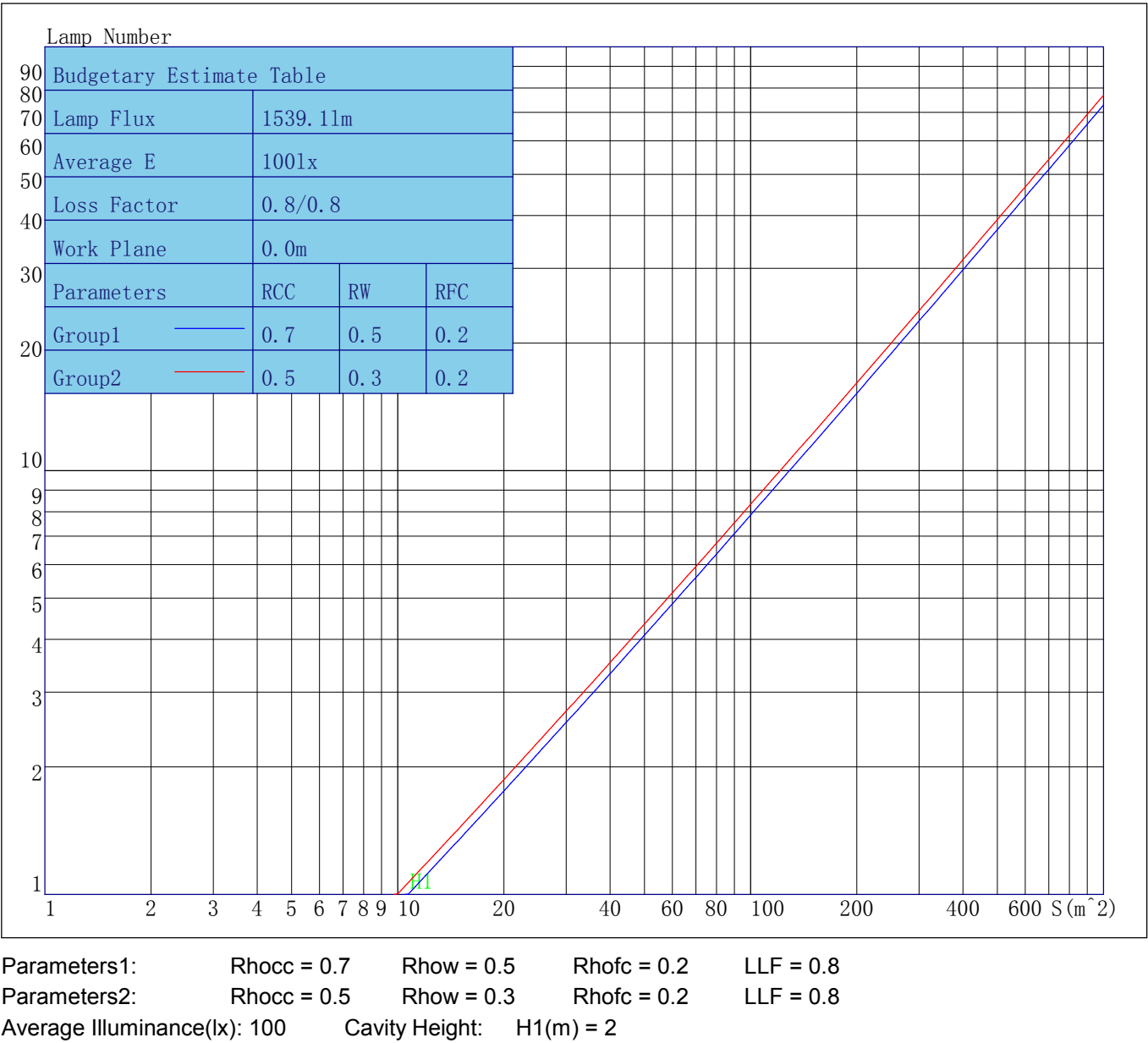
Luminance Limiting Curve



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:TR04-20-XX-01 3000K 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:2019/09/05



Indoor Coefficient of Utilization Table

Lum. Name:TR04-20-XX-01 3000K 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:2019/09/05

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	106	105	103	102	101	100	99	97	96	95	94
2	110	105	102	99	107	104	101	98	100	98	96	97	95	93	94	93	91	90
3	106	100	96	93	104	99	95	92	96	93	91	94	91	89	91	89	87	86
4	102	96	92	88	100	95	91	88	92	89	86	90	87	85	88	86	84	83
5	98	92	87	84	97	91	87	84	89	86	83	87	84	82	86	83	81	80
6	95	89	84	81	94	88	83	80	86	82	80	85	81	79	83	81	78	77
7	92	85	81	78	91	85	80	77	83	80	77	82	79	76	81	78	76	75
8	90	83	78	75	89	82	78	75	81	77	74	80	76	74	79	76	74	72
9	87	80	76	73	86	79	75	72	78	75	72	78	74	72	77	74	71	70
10	85	78	73	70	84	77	73	70	76	73	70	76	72	70	75	72	70	69

Unified Glare Rating Table

Lum. Name: TR04-20-XX-01 3000K 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: 2019/09/05

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	10.0	11.0	10.4	11.3	11.7	9.5	10.5	9.9	10.8	11.2
	10.8	11.6	11.2	12.0	12.4	10.2	11.1	10.7	11.5	11.9
	11.2	12.0	11.7	12.4	12.9	10.7	11.5	11.1	11.9	12.3
	11.7	12.5	12.2	12.9	13.3	11.1	11.9	11.6	12.3	12.7
	12.0	12.7	12.5	13.1	13.6	11.4	12.1	11.9	12.5	13.0
	12.3	13.0	12.8	13.4	13.9	11.7	12.4	12.2	12.8	13.3
X=4H Y=2H	10.2	11.0	10.6	11.4	11.8	9.7	10.5	10.1	10.9	11.3
	11.2	11.8	11.6	12.3	12.8	10.7	11.3	11.1	11.8	12.2
	11.8	12.4	12.2	12.8	13.3	11.2	11.8	11.7	12.3	12.8
	12.5	13.0	13.0	13.5	14.0	11.9	12.4	12.4	12.9	13.4
	12.9	13.4	13.4	13.8	14.4	12.3	12.8	12.8	13.2	13.8
	13.3	13.8	13.9	14.3	14.8	12.7	13.1	13.2	13.7	14.2
X=8H Y=4H	12.0	12.5	12.5	12.9	13.5	11.4	11.9	12.0	12.4	12.9
	12.9	13.3	13.4	13.8	14.4	12.3	12.7	12.9	13.3	13.8
	13.4	13.8	14.0	14.3	14.9	12.8	13.2	13.4	13.7	14.3
	14.1	14.4	14.7	14.9	15.6	13.5	13.8	14.0	14.3	14.9
X=12H Y=4H	12.0	12.4	12.5	12.9	13.5	11.5	11.9	12.0	12.4	12.9
	13.0	13.3	13.5	13.8	14.4	12.4	12.8	13.0	13.3	13.9
	13.6	13.9	14.2	14.5	15.1	13.0	13.3	13.6	13.9	14.5
Variations with the objerver position at spacings										
S=1.0H	0.2/-0.2					0.2/-0.2				
S=1.5H	0.3/-0.4					0.4/-0.4				
S=2.0H	0.4/-0.4					0.4/-0.5				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.8					2.7				

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	7314.38	7314.38	7314.38	7314.38
γ 1.0	7309.45	7317.31	7206.09	7335.50
γ 2.0	7273.14	7216.31	7058.34	7247.55
γ 3.0	7172.45	7048.11	6844.01	7091.86
γ 4.0	7011.48	6820.25	6554.15	6874.45
γ 5.0	6785.36	6527.07	6163.32	6584.74
γ 6.0	6485.98	6129.84	5709.59	6196.35
γ 7.0	6078.66	5653.32	5211.44	5744.70
γ 8.0	5610.61	5148.25	4690.36	5261.62
γ 9.0	5109.13	4617.73	4153.16	4746.88
γ 10.0	4579.67	4079.02	3612.65	4206.11
γ 11.0	4035.01	3539.86	3090.98	3660.81
γ 12.0	3495.27	3030.83	2624.39	3132.51
γ 13.0	2987.87	2584.04	2228.98	2651.72
γ 14.0	2545.47	2205.23	1904.65	2240.12
γ 15.0	2175.46	1894.96	1632.79	1903.45
γ 16.0	1869.60	1640.54	1407.29	1624.38
γ 17.0	1616.54	1429.52	1216.87	1392.86
γ 18.0	1403.70	1253.07	1057.95	1202.10
γ 19.0	1227.34	1105.33	923.23	1045.43
γ 20.0	1080.58	979.81	808.72	915.83
γ 21.0	955.23	870.89	709.91	806.06
γ 22.0	846.09	775.23	622.58	709.36
γ 23.0	749.19	690.12	544.40	624.90
γ 24.0	662.66	613.18	475.04	549.61
γ 25.0	585.46	542.98	413.08	481.80
γ 26.0	516.61	478.57	359.23	420.05
γ 27.0	455.25	421.69	311.72	366.17
γ 28.0	401.25	371.54	269.52	319.24
γ 29.0	353.26	326.63	232.32	277.77
γ 30.0	310.09	286.13	199.70	240.62
γ 31.0	271.45	250.01	171.62	207.88
γ 32.0	237.22	218.33	147.89	179.98
γ 33.0	205.72	189.58	128.19	155.35
γ 34.0	178.86	164.44	111.64	134.07
γ 35.0	155.45	142.54	97.43	115.22
γ 36.0	135.42	123.89	85.09	99.86
γ 37.0	118.11	108.49	74.45	86.91
γ 38.0	103.30	94.81	65.65	76.53
γ 39.0	90.74	83.07	58.22	67.69
γ 40.0	79.61	72.47	51.69	60.01
γ 41.0	69.63	63.08	46.18	53.16
γ 42.0	61.13	55.34	41.98	47.49
γ 43.0	54.47	49.27	38.80	43.30
γ 44.0	49.43	44.82	36.34	40.27
γ 45.0	45.46	41.38	34.40	37.89
γ 46.0	42.40	38.52	32.76	35.94

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	39.68	36.01	31.15	34.04
γ 48.0	37.12	33.36	29.44	32.28
γ 49.0	34.51	30.95	27.71	30.46
γ 50.0	32.25	29.23	26.51	29.03
γ 51.0	30.63	27.69	25.48	27.96
γ 52.0	29.11	26.44	24.54	26.91
γ 53.0	27.72	25.14	23.70	26.02
γ 54.0	26.38	24.13	22.92	25.13
γ 55.0	25.18	23.10	22.18	24.27
γ 56.0	24.13	22.18	21.55	23.57
γ 57.0	23.23	21.32	20.90	22.89
γ 58.0	22.31	20.48	20.19	22.22
γ 59.0	21.45	19.68	19.65	21.46
γ 60.0	20.58	18.99	18.93	20.75
γ 61.0	19.80	18.18	18.27	20.13
γ 62.0	18.95	17.35	17.47	19.33
γ 63.0	18.13	16.62	16.90	18.61
γ 64.0	17.45	15.83	16.10	17.88
γ 65.0	16.76	15.02	15.42	17.06
γ 66.0	15.81	14.32	14.65	16.35
γ 67.0	15.14	13.57	13.97	15.64
γ 68.0	14.42	12.96	13.25	14.94
γ 69.0	13.69	12.36	12.65	14.15
γ 70.0	13.03	11.77	12.01	13.48
γ 71.0	12.45	11.23	11.39	12.86
γ 72.0	11.87	10.72	10.84	12.24
γ 73.0	11.32	10.20	10.25	11.69
γ 74.0	10.78	9.67	9.71	11.12
γ 75.0	10.24	9.25	9.27	10.50
γ 76.0	9.72	8.78	8.78	9.98
γ 77.0	9.32	8.34	8.35	9.54
γ 78.0	8.88	7.85	7.96	9.09
γ 79.0	8.37	7.54	7.45	8.50
γ 80.0	8.05	7.11	7.04	8.12
γ 81.0	7.61	6.70	6.70	7.77
γ 82.0	7.22	6.37	6.31	7.38
γ 83.0	6.81	6.03	5.93	6.83
γ 84.0	6.46	5.73	5.55	6.48
γ 85.0	6.17	5.44	5.24	6.12
γ 86.0	5.73	5.10	4.86	5.74
γ 87.0	5.44	4.84	4.61	5.36
γ 88.0	5.14	4.53	4.16	5.03
γ 89.0	4.82	4.20	3.99	4.69
γ 90.0	4.57	4.08	3.85	4.42
γ 91.0	4.45	3.97	3.73	4.23
γ 92.0	4.28	3.79	3.61	4.02
γ 93.0	4.15	3.77	3.43	3.94

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	4.07	3.65	3.30	3.81
γ 95.0	3.94	3.60	3.27	3.59
γ 96.0	3.76	3.53	3.04	3.54
γ 97.0	3.75	3.42	2.97	3.54
γ 98.0	3.66	3.33	2.91	3.33
γ 99.0	3.54	3.27	2.83	3.24
γ 100.0	3.49	3.20	2.71	3.19
γ 101.0	3.35	3.14	2.70	3.09
γ 102.0	3.35	3.12	2.68	2.89
γ 103.0	3.29	3.08	2.59	2.90
γ 104.0	3.22	3.04	2.62	2.82
γ 105.0	3.13	3.02	2.56	2.82
γ 106.0	3.06	2.94	2.52	2.79
γ 107.0	3.05	2.89	2.50	2.74
γ 108.0	3.04	2.81	2.45	2.74
γ 109.0	2.96	2.76	2.55	2.73
γ 110.0	2.89	2.73	2.58	2.67
γ 111.0	2.90	2.73	2.56	2.70
γ 112.0	2.88	2.66	2.44	2.70
γ 113.0	2.74	2.64	2.51	2.69
γ 114.0	2.64	2.54	2.53	2.77
γ 115.0	2.60	2.55	2.55	2.75
γ 116.0	2.52	2.48	2.56	2.78
γ 117.0	2.49	2.43	2.60	2.72
γ 118.0	2.50	2.35	2.61	2.68
γ 119.0	2.39	2.37	2.65	2.73
γ 120.0	2.38	2.39	2.76	2.85
γ 121.0	2.36	2.35	2.76	2.83
γ 122.0	2.33	2.38	2.85	2.93
γ 123.0	2.29	2.39	2.95	2.94
γ 124.0	2.37	2.53	3.01	3.01
γ 125.0	2.42	2.46	3.13	3.09
γ 126.0	2.42	2.65	3.26	3.25
γ 127.0	2.55	2.65	3.42	3.31
γ 128.0	2.64	2.77	3.59	3.43
γ 129.0	2.72	2.86	3.70	3.65
γ 130.0	2.78	3.16	3.95	3.80
γ 131.0	3.01	3.27	4.12	3.97
γ 132.0	3.16	3.45	4.43	4.10
γ 133.0	3.37	3.75	4.76	4.42
γ 134.0	3.60	3.92	5.02	4.68
γ 135.0	3.95	4.22	5.33	4.96
γ 136.0	4.23	4.52	5.64	5.28
γ 137.0	4.42	4.78	6.00	5.61
γ 138.0	4.78	5.15	6.39	5.98
γ 139.0	5.09	5.49	6.71	6.34
γ 140.0	5.50	5.88	7.23	6.66

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	5.86	6.31	7.61	7.09
γ 142.0	6.29	6.69	7.96	7.50
γ 143.0	6.61	7.01	8.39	7.88
γ 144.0	7.06	7.39	8.73	8.24
γ 145.0	7.35	7.76	9.11	8.65
γ 146.0	7.83	8.21	9.40	8.97
γ 147.0	8.19	8.55	9.77	9.33
γ 148.0	8.53	8.85	10.07	9.70
γ 149.0	8.85	9.16	10.36	9.99
γ 150.0	9.30	9.44	10.64	10.13
γ 151.0	9.52	9.73	10.88	10.44
γ 152.0	9.83	9.92	11.00	10.66
γ 153.0	10.13	10.17	11.26	10.81
γ 154.0	10.35	10.38	11.38	10.97
γ 155.0	10.58	10.55	11.52	11.20
γ 156.0	10.81	10.73	11.61	11.27
γ 157.0	10.97	10.91	11.74	11.41
γ 158.0	11.12	11.05	11.92	11.43
γ 159.0	11.19	11.09	11.89	11.59
γ 160.0	11.27	11.10	12.02	11.63
γ 161.0	11.47	11.29	11.99	11.61
γ 162.0	11.47	11.36	12.10	11.69
γ 163.0	11.65	11.40	12.10	11.73
γ 164.0	11.68	11.57	12.12	11.72
γ 165.0	11.75	11.55	12.07	11.70
γ 166.0	11.73	11.59	12.09	11.70
γ 167.0	11.80	11.66	12.06	11.73
γ 168.0	11.77	11.65	12.01	11.69
γ 169.0	11.80	11.67	11.96	11.65
γ 170.0	11.71	11.68	11.80	11.60
γ 171.0	11.64	11.65	11.74	11.48
γ 172.0	11.60	11.61	11.61	11.41
γ 173.0	11.54	11.56	11.60	11.40
γ 174.0	11.48	11.53	11.46	11.30
γ 175.0	11.43	11.42	11.39	11.32
γ 176.0	11.39	11.37	11.33	11.28
γ 177.0	11.37	11.36	11.36	11.26
γ 178.0	11.39	11.43	11.33	11.28
γ 179.0	11.34	11.41	11.37	11.34
γ 180.0	11.35	11.35	11.35	11.35