

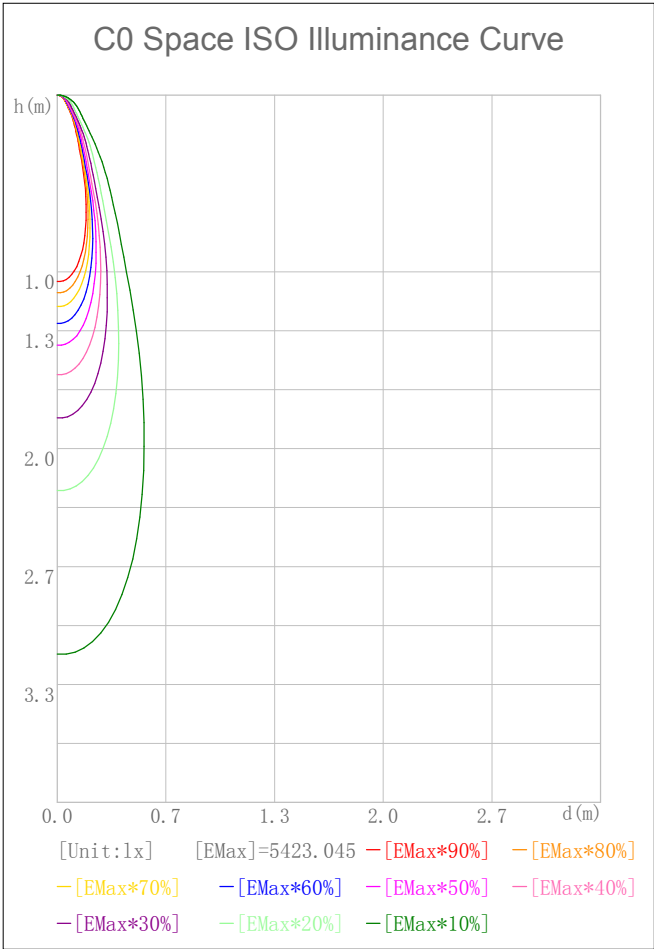
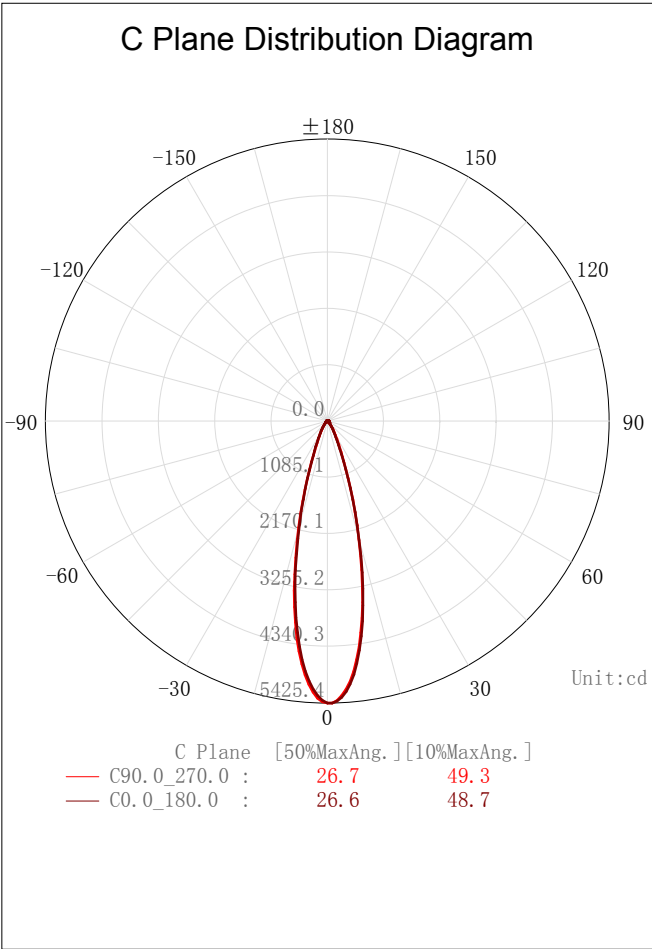
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-20-XX-01 3000K RA90 24D		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

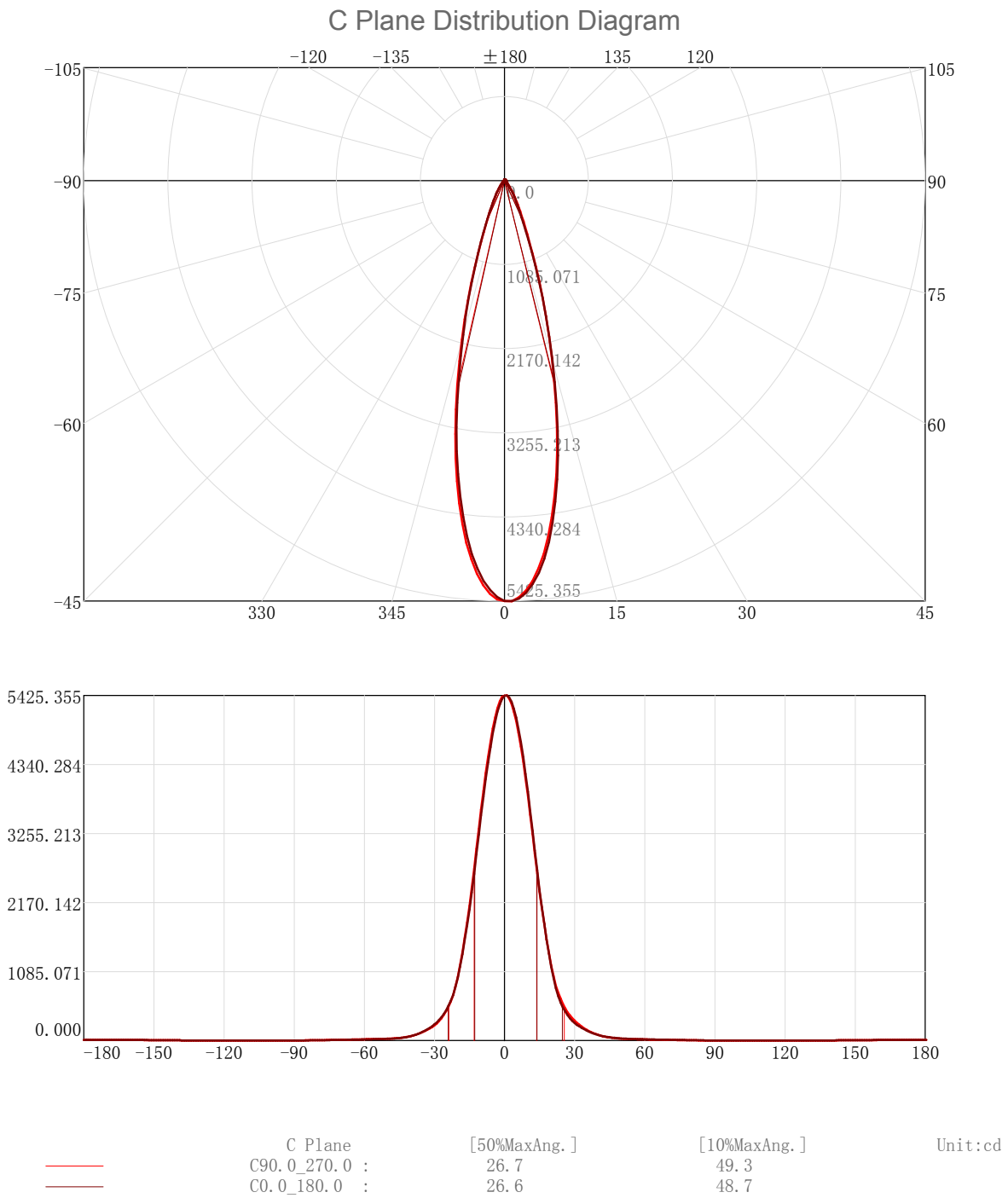
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1521.840	Luminary Flux(lm): 1521.838	Field Angle(10%Imax): 49.3(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1491.317lm 97.99%	
Rated Voltage(V):	Luminary EER(lm/W): 79.469	Up Lumens&Percent: 30.521lm 2.01%	
Tested Power(W): 19.150	Max. Candela(cd): 5425.355	S/MH: C0_a180=0.448 C90_270=0.450	
Lamps' Inside: 1	Max Cand@Ang.(°): C=90.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):239.7, 0.081, 0.977		ErP Φuse(90°): 1415.617lm	
Lamp Size(W*L*H):0.060m*0.060m*0.250m		IRF(%): 762.314	
		Left=-13.0°, Right=13.7°	



2D Plane Light Intensity Distribution Curve

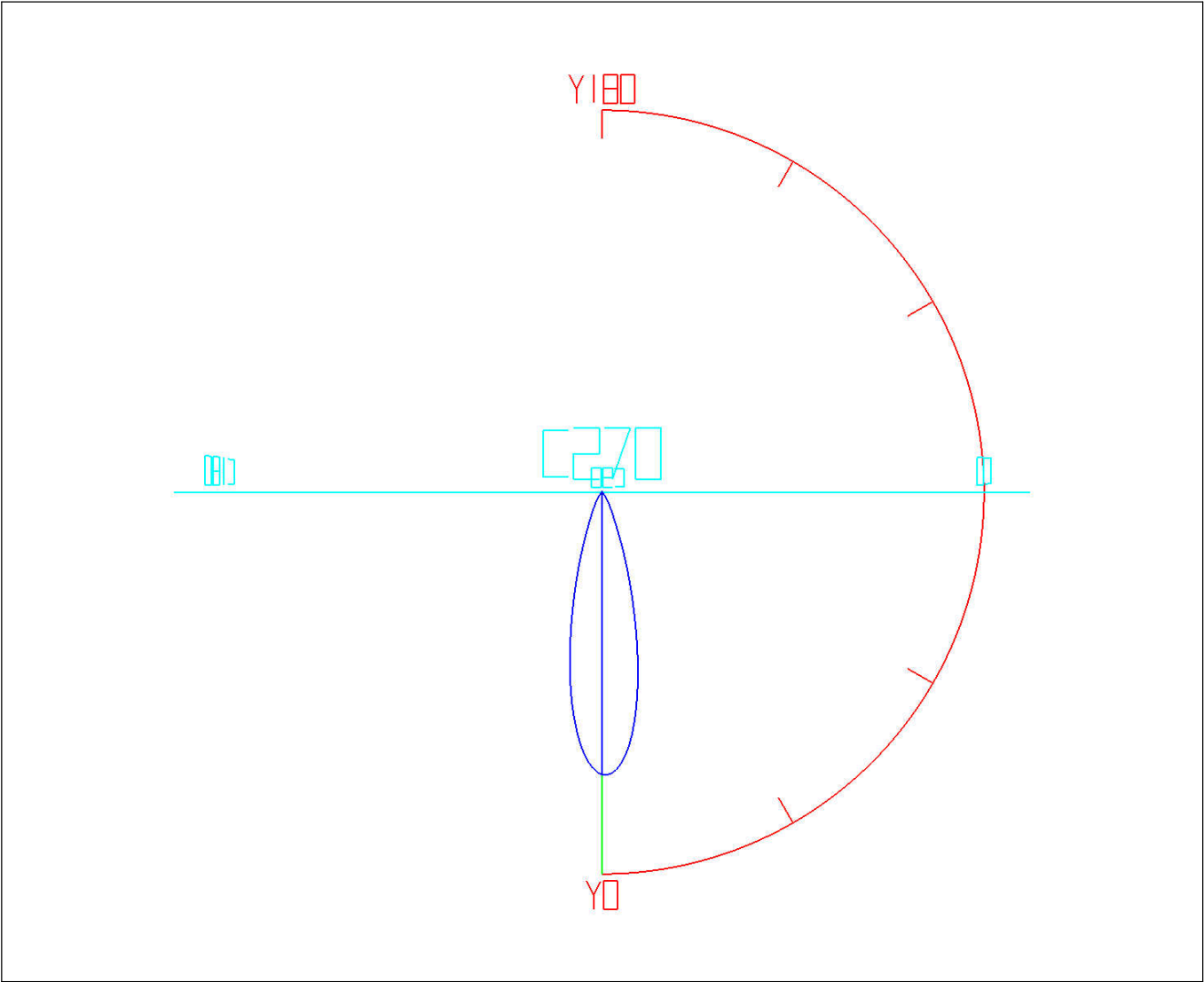
Lum. Name:TR04-20-XX-01 3000K RA90 24D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/05



3D Light Intensity Distribution Modal

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

3D Light Intensity Distribution Modal



Curves:3D Model — Fixture — Vert. HUD — Hori. HUD

View Angles:Orient:0Tilt:0Roll:0Spin:0

Photometric Filename:TR04-20-XX-01 3000K RA90 24D.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	5.18	5.18	0.34	0.34	47.0-48.0	3.12	1425.37	0.21	93.66
1.0-2.0	15.43	20.61	1.01	1.35	48.0-49.0	2.93	1428.30	0.19	93.85
2.0-3.0	25.35	45.97	1.67	3.02	49.0-50.0	2.78	1431.08	0.18	94.04
3.0-4.0	34.73	80.69	2.28	5.30	50.0-51.0	2.68	1433.76	0.18	94.21
4.0-5.0	43.37	124.06	2.85	8.15	51.0-52.0	2.60	1436.36	0.17	94.38
5.0-6.0	51.10	175.16	3.36	11.51	52.0-53.0	2.52	1438.88	0.17	94.55
6.0-7.0	57.73	232.89	3.79	15.30	53.0-54.0	2.45	1441.32	0.16	94.71
7.0-8.0	63.16	296.05	4.15	19.45	54.0-55.0	2.38	1443.71	0.16	94.87
8.0-9.0	67.31	363.36	4.42	23.88	55.0-56.0	2.32	1446.03	0.15	95.02
9.0-10.0	70.14	433.50	4.61	28.48	56.0-57.0	2.27	1448.30	0.15	95.17
10.0-11.0	71.60	505.09	4.70	33.19	57.0-58.0	2.22	1450.52	0.15	95.31
11.0-12.0	71.67	576.77	4.71	37.90	58.0-59.0	2.17	1452.69	0.14	95.46
12.0-13.0	70.45	647.22	4.63	42.53	59.0-60.0	2.12	1454.81	0.14	95.60
13.0-14.0	68.14	715.36	4.48	47.01	60.0-61.0	2.07	1456.88	0.14	95.73
14.0-15.0	65.02	780.38	4.27	51.28	61.0-62.0	2.01	1458.89	0.13	95.86
15.0-16.0	61.37	841.75	4.03	55.31	62.0-63.0	1.95	1460.84	0.13	95.99
16.0-17.0	57.25	899.00	3.76	59.07	63.0-64.0	1.90	1462.74	0.12	96.12
17.0-18.0	52.73	951.73	3.46	62.54	64.0-65.0	1.83	1464.57	0.12	96.24
18.0-19.0	47.96	999.69	3.15	65.69	65.0-66.0	1.76	1466.33	0.12	96.35
19.0-20.0	43.14	1042.82	2.83	68.52	66.0-67.0	1.70	1468.03	0.11	96.46
20.0-21.0	38.51	1081.33	2.53	71.05	67.0-68.0	1.64	1469.67	0.11	96.57
21.0-22.0	34.26	1115.59	2.25	73.31	68.0-69.0	1.57	1471.24	0.10	96.67
22.0-23.0	30.55	1146.14	2.01	75.31	69.0-70.0	1.50	1472.74	0.10	96.77
23.0-24.0	27.43	1173.57	1.80	77.12	70.0-71.0	1.45	1474.19	0.10	96.87
24.0-25.0	24.84	1198.41	1.63	78.75	71.0-72.0	1.38	1475.57	0.09	96.96
25.0-26.0	22.57	1220.98	1.48	80.23	72.0-73.0	1.32	1476.89	0.09	97.05
26.0-27.0	20.50	1241.48	1.35	81.58	73.0-74.0	1.26	1478.15	0.08	97.13
27.0-28.0	18.66	1260.15	1.23	82.80	74.0-75.0	1.21	1479.36	0.08	97.21
28.0-29.0	17.07	1277.21	1.12	83.93	75.0-76.0	1.15	1480.51	0.08	97.28
29.0-30.0	15.66	1292.87	1.03	84.95	76.0-77.0	1.10	1481.60	0.07	97.36
30.0-31.0	14.39	1307.26	0.95	85.90	77.0-78.0	1.04	1482.64	0.07	97.42
31.0-32.0	13.24	1320.51	0.87	86.77	78.0-79.0	0.99	1483.63	0.06	97.49
32.0-33.0	12.18	1332.69	0.80	87.57	79.0-80.0	0.94	1484.57	0.06	97.55
33.0-34.0	11.15	1343.84	0.73	88.30	80.0-81.0	0.89	1485.45	0.06	97.61
34.0-35.0	10.16	1354.00	0.67	88.97	81.0-82.0	0.84	1486.29	0.05	97.66
35.0-36.0	9.23	1363.23	0.61	89.58	82.0-83.0	0.79	148		

IES Indoor Report

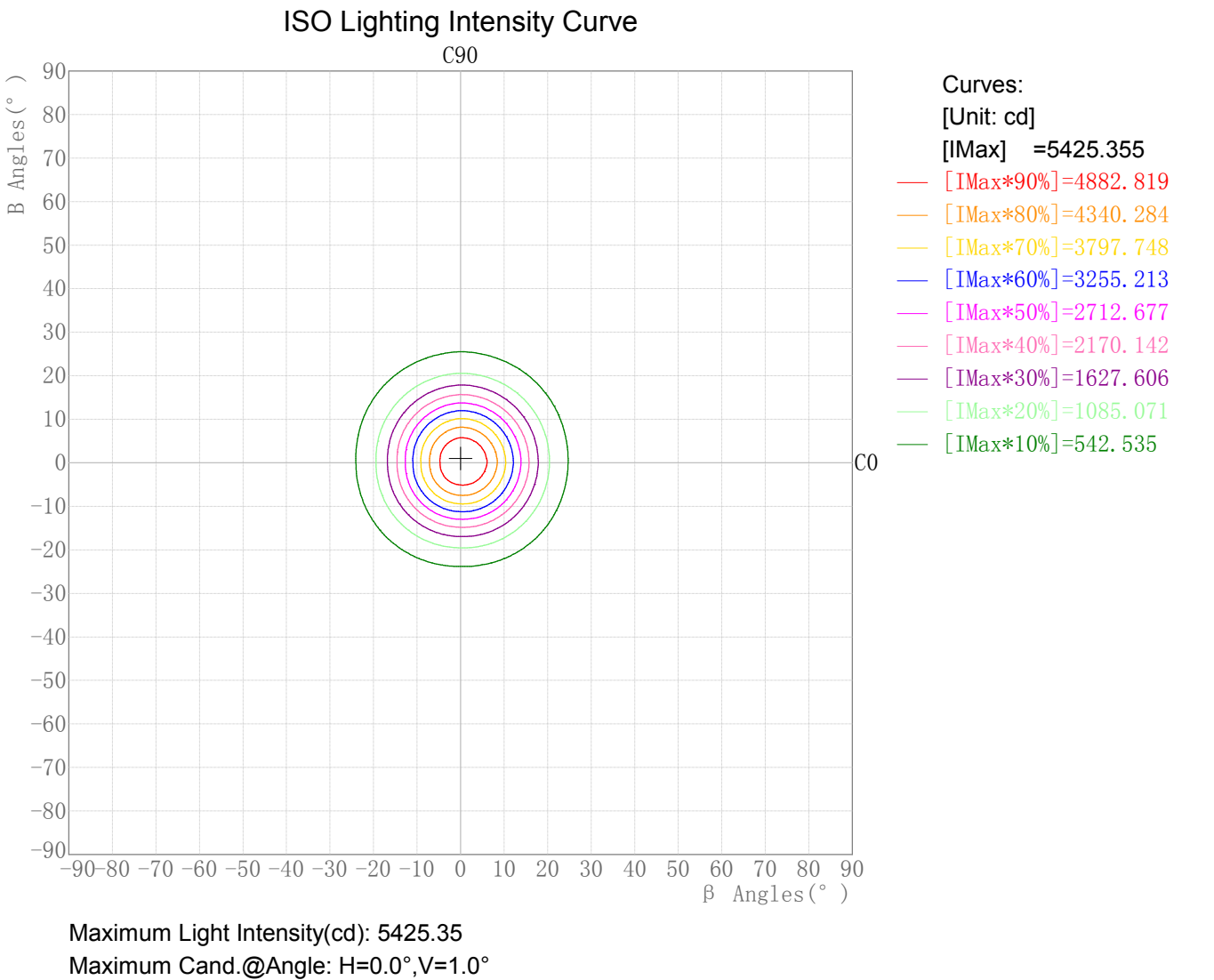
Photometric Filename:TR04-20-XX-01 3000K RA90 24D.IES

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. 41	1493. 51	0. 03	98. 14	141. 0-142. 0	0. 46	1508. 65	0. 03	99. 13
95. 0-96. 0	0. 40	1493. 91	0. 03	98. 16	142. 0-143. 0	0. 48	1509. 13	0. 03	99. 16
96. 0-97. 0	0. 39	1494. 30	0. 03	98. 19	143. 0-144. 0	0. 49	1509. 61	0. 03	99. 20
97. 0-98. 0	0. 38	1494. 68	0. 02	98. 22	144. 0-145. 0	0. 50	1510. 11	0. 03	99. 23
98. 0-99. 0	0. 37	1495. 04	0. 02	98. 24	145. 0-146. 0	0. 50	1510. 61	0. 03	99. 26
99. 0-100. 0	0. 36	1495. 40	0. 02	98. 26	146. 0-147. 0	0. 51	1511. 12	0. 03	99. 30
100. 0-101. 0	0. 35	1495. 75	0. 02	98. 29	147. 0-148. 0	0. 52	1511. 64	0. 03	99. 33
101. 0-102. 0	0. 34	1496. 10	0. 02	98. 31	148. 0-149. 0	0. 52	1512. 16	0. 03	99. 36
102. 0-103. 0	0. 34	1496. 43	0. 02	98. 33	149. 0-150. 0	0. 52	1512. 67	0. 03	99. 40
103. 0-104. 0	0. 33	1496. 76	0. 02	98. 35	150. 0-151. 0	0. 52	1513. 19	0. 03	99. 43
104. 0-105. 0	0. 32	1497. 08	0. 02	98. 37	151. 0-152. 0	0. 52	1513. 71	0. 03	99. 47
105. 0-106. 0	0. 31	1497. 39	0. 02	98. 39	152. 0-153. 0	0. 51	1514. 22	0. 03	99. 50
106. 0-107. 0	0. 31	1497. 70	0. 02	98. 41	153. 0-154. 0	0. 51	1514. 72	0. 03	99. 53
107. 0-108. 0	0. 31	1498. 01	0. 02	98. 43	154. 0-155. 0	0. 50	1515. 22	0. 03	99. 56
108. 0-109. 0	0. 30	1498. 31	0. 02	98. 45	155. 0-156. 0	0. 49	1515. 71	0. 03	99. 60
109. 0-110. 0	0. 30	1498. 60	0. 02	98. 47	156. 0-157. 0	0. 47	1516. 18	0. 03	99. 63
110. 0-111. 0	0. 29	1498. 89	0. 02	98. 49	157. 0-158. 0	0. 46	1516. 64	0. 03	99. 66
111. 0-112. 0	0. 28	1499. 18	0. 02	98. 51	158. 0-159. 0	0. 45	1517. 09	0. 03	99. 69
112. 0-113. 0	0. 28	1499. 46	0. 02	98. 53	159. 0-160. 0	0. 43	1517. 52	0. 03	99. 72
113. 0-114. 0	0. 27	1499. 73	0. 02	98. 55	160. 0-161. 0	0. 41	1517. 93	0. 03	99. 74
114. 0-115. 0	0. 27	1500. 00	0. 02	98. 56	161. 0-162. 0	0. 40	1518. 33	0. 03	99. 77
115. 0-116. 0	0. 27	1500. 26	0. 02	98. 58	162. 0-163. 0	0. 38	1518. 70	0. 02	99. 79
116. 0-117. 0	0. 26	1500. 53	0. 02	98. 60	163. 0-164. 0	0. 36	1519. 06	0. 02	99. 82
117. 0-118. 0	0. 26	1500. 79	0. 02	98. 62	164. 0-165. 0	0. 34	1519. 40	0. 02	99. 84
118. 0-119. 0	0. 26	1501. 05	0. 02	98. 63	165. 0-166. 0	0. 32	1519. 71	0. 02	99. 86
119. 0-120. 0	0. 26	1501. 31	0. 02	98. 65	166. 0-167. 0	0. 29	1520. 00	0. 02	99. 88
120. 0-121. 0	0. 26	1501. 57	0. 02	98. 67	167. 0-168. 0	0. 27	1520. 28	0. 02	99. 90
121. 0-122. 0	0. 26	1501. 83	0. 02	98. 69	168. 0-169. 0	0. 25	1520. 53	0. 02	99. 91
122. 0-123. 0	0. 26	1502. 09	0. 02	98. 70	169. 0-170. 0	0. 23	1520. 76	0. 01	99. 93
123. 0-124. 0	0. 26	1502. 35	0. 02	98. 72	170. 0-171. 0	0. 21	1520. 96	0. 01	99. 94
124. 0-125. 0	0. 26	1502. 61	0. 02	98. 74	171. 0-172. 0	0. 18	1521. 15	0. 01	99. 95
125. 0-126. 0	0. 27	1502. 88	0. 02	98. 75	172. 0-173. 0	0. 16	1521. 31	0. 01	99. 97
126. 0-127. 0	0. 27	1503. 15	0. 02	98. 77	173. 0-174. 0	0. 14	1521. 45	0. 01	99. 97
127. 0-128. 0	0. 28	1503. 44	0. 02	98. 79	174. 0-175. 0	0. 12	1521. 57	0. 01	99. 98
128. 0-129. 0	0. 29	1503. 73	0. 02	98. 81	175. 0-176. 0	0. 10	1521. 66	0. 01	99. 99
129. 0-130. 0	0. 30	1504. 02	0. 02	98. 83	176. 0-177. 0	0. 08	1521. 74	0. 00	99. 99
130. 0-131. 0	0. 31	1504. 33	0. 02	98. 85	177. 0-178. 0	0. 05	1521. 79	0. 00	100. 00
131. 0-132. 0	0. 32	1504. 66	0. 02	98. 87	178. 0-179. 0	0. 03	1521. 83	0. 00	100. 00
132. 0-133. 0	0. 33	1504. 99	0. 02	98. 89	179. 0-180. 0	0. 01	1521. 84	0. 00	100. 00
133. 0-134. 0	0. 35	1505. 34	0. 02	98. 92					
134. 0-135. 0	0. 36	1505. 70	0. 02	98. 94					
135. 0-136. 0	0. 38	1506. 08	0. 02	98. 96					
136. 0-137. 0	0. 39	1506. 47	0. 03	98. 99					
137. 0-138. 0	0. 41	1506. 88	0. 03	99. 02					
138. 0-139. 0	0. 42	1507. 30	0. 03	99. 04					
139. 0-140. 0	0. 44	1507. 74	0. 03	99. 07					
140. 0-141. 0	0. 45	1508. 19	0. 03	99. 10					

Rectangle ISO Lighting Intensity Diagram

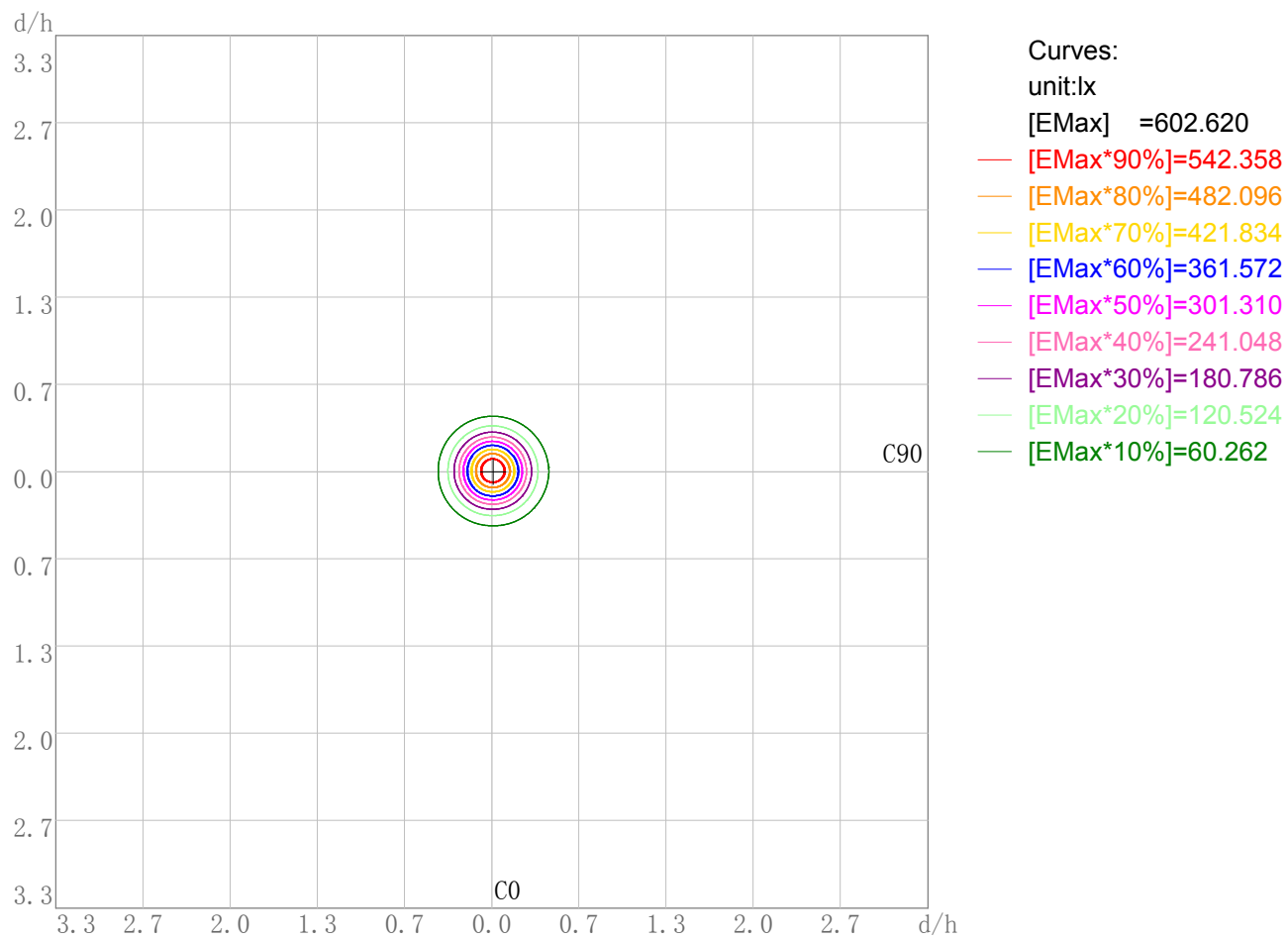
Lum. Name:TR04-20-XX-01 3000K RA90 24D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/05



Plane ISO-Illuminance Diagram

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

Plane ISO-Illuminance Curve

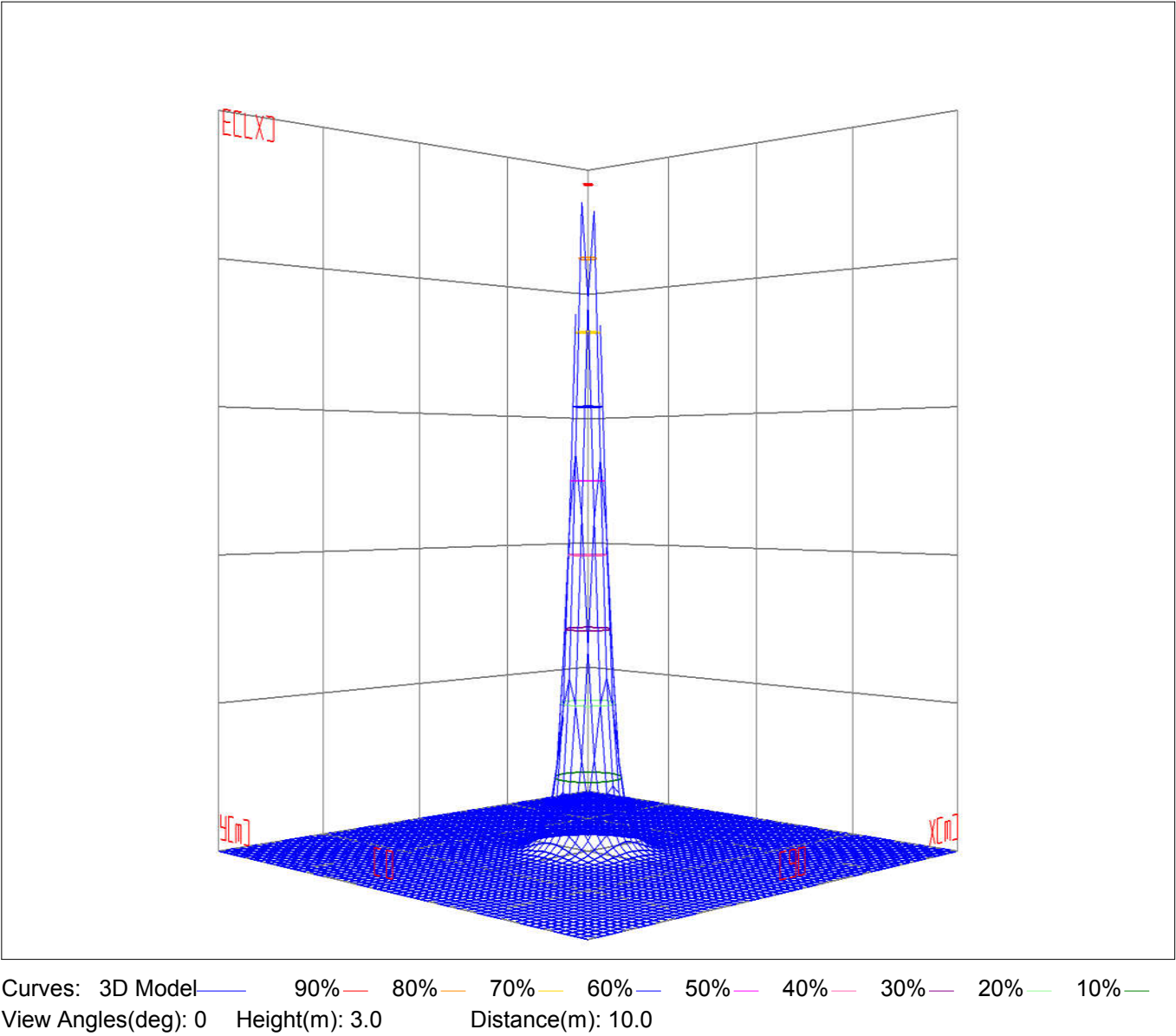


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 602.62
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

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

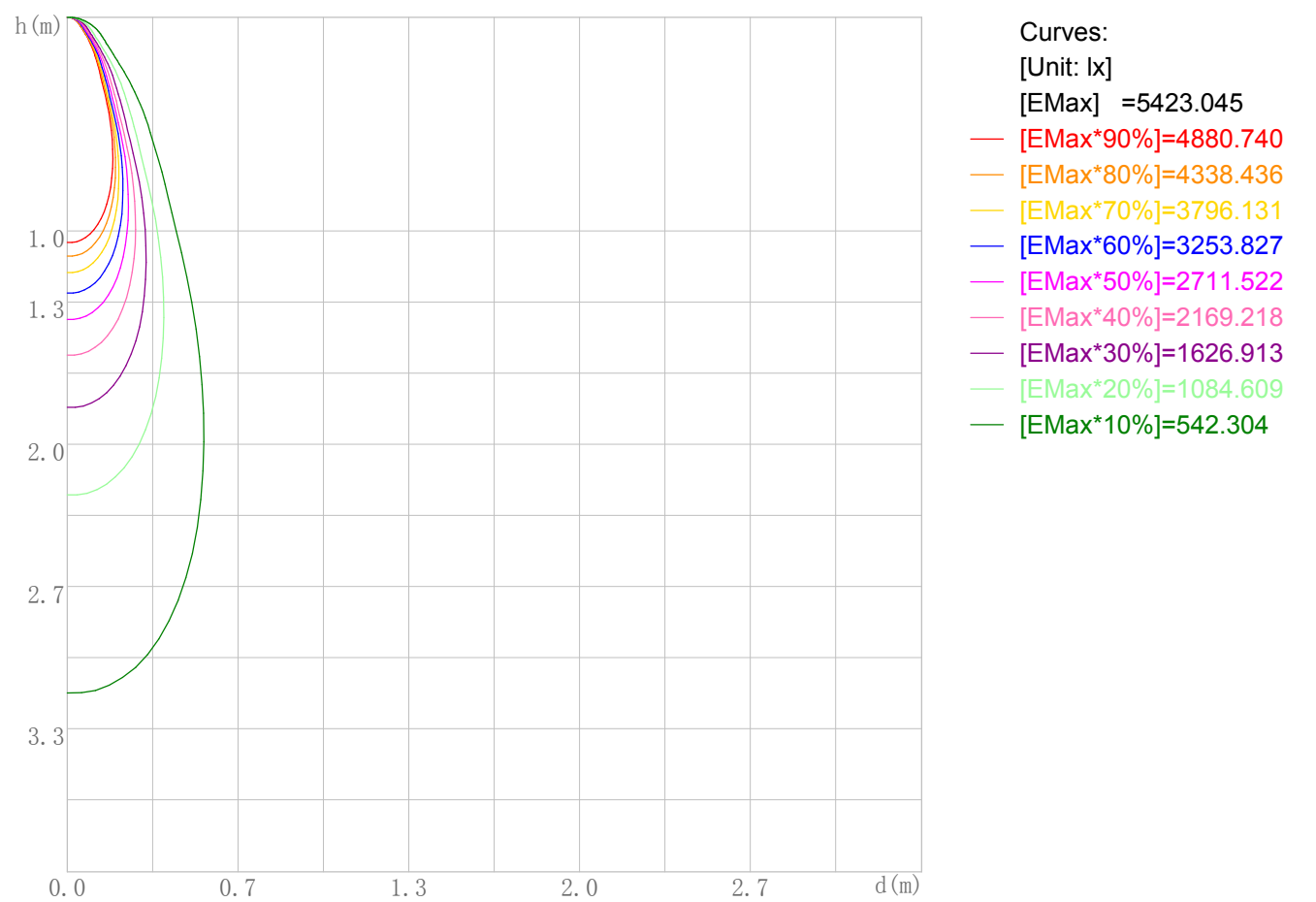
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

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

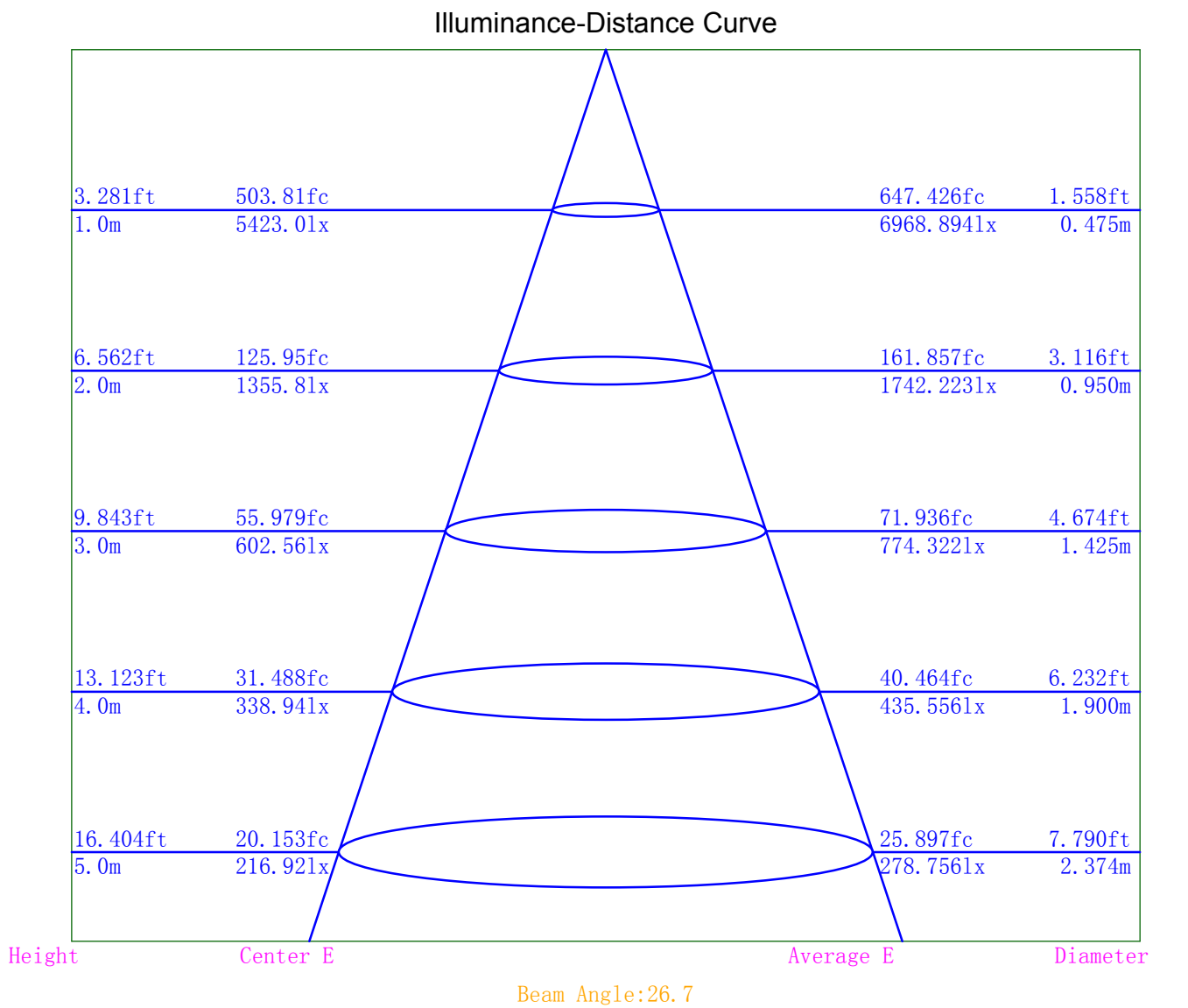
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:5423.04lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:5423.973cd,0eg

Illuminance-Distance Diagram

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



Indoor Luminance Limiting Curves

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

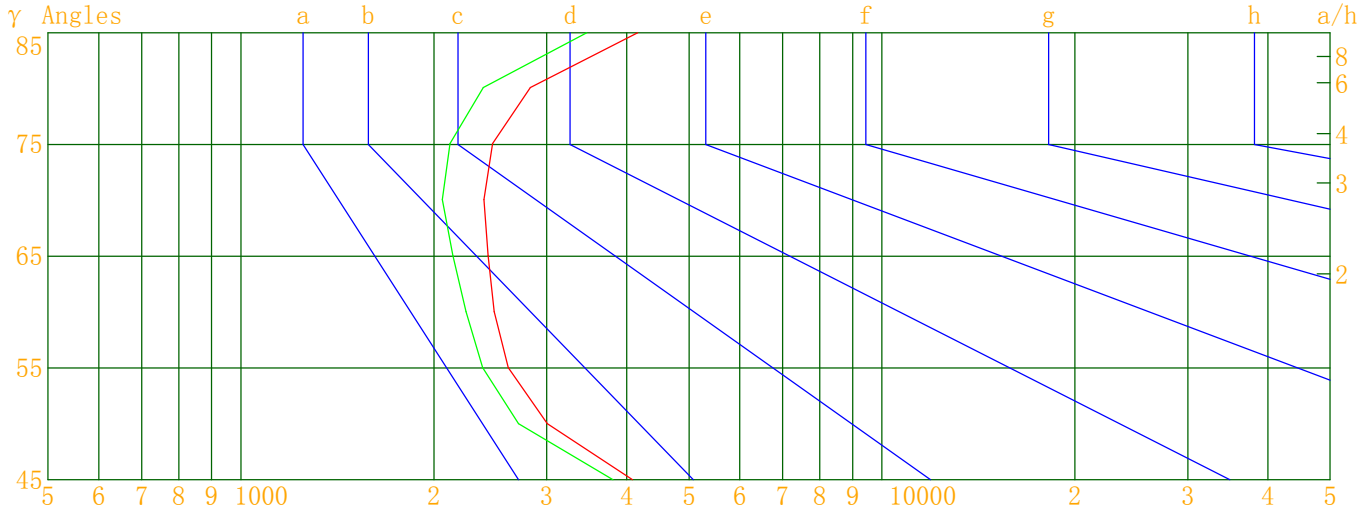
Glare Grade Table

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	4081	3006	2613	2485	2430	2395	2468	2828	4158
C90	3804	2710	2383	2244	2141	2062	2120	2388	3464

Luminance Limiting Curve



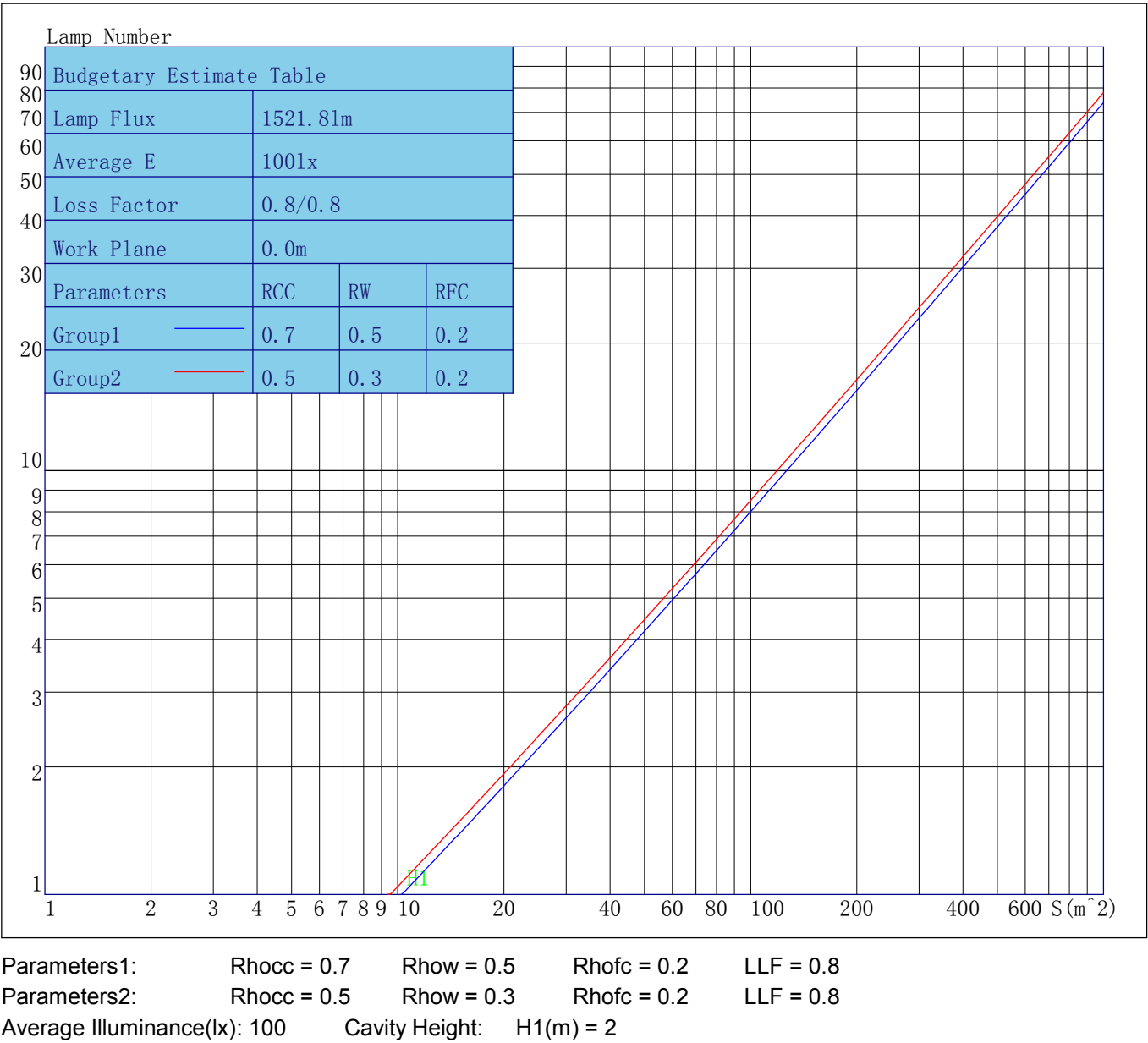
Luminous Size:Length(m)=0.060Width(m)=0.060Height(m)=0.250Area(m^2)=0.018600

Luminous Type:Without Luminous Side

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

Indoor Budgetary Estimate Table

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



Indoor Coefficient of Utilization Table

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

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	105	104	103	101	100	99	98	97	96	95	93
2	109	105	101	98	107	103	100	97	99	97	95	96	94	92	93	92	90	88
3	105	99	95	92	103	98	94	91	95	92	89	92	90	88	90	88	86	84
4	101	95	90	86	99	93	89	86	91	87	85	89	86	83	87	84	82	81
5	97	90	86	82	96	89	85	82	87	84	81	86	82	80	84	81	79	78
6	94	87	82	78	92	86	81	78	84	80	77	83	79	77	81	78	76	75
7	91	83	78	75	89	82	78	75	81	77	74	80	76	74	79	76	73	72
8	88	80	75	72	87	80	75	72	78	74	71	77	74	71	76	73	71	70
9	85	77	73	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: TR04-20-XX-01 3000K 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: 2019/09/05

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	10.7	11.7	11.1	12.0	12.4	10.6	11.6	11.0	11.9	12.3
	11.6	12.4	12.0	12.8	13.2	11.3	12.1	11.7	12.5	12.9
	12.0	12.8	12.5	13.2	13.7	11.7	12.5	12.1	12.8	13.3
	12.6	13.3	13.0	13.7	14.1	12.1	12.8	12.5	13.2	13.7
	12.9	13.5	13.3	14.0	14.4	12.3	13.0	12.8	13.4	13.9
	13.2	13.8	13.7	14.2	14.7	12.6	13.2	13.1	13.7	14.1
X=4H Y=2H	10.9	11.7	11.3	12.1	12.5	10.8	11.5	11.2	11.9	12.4
	12.0	12.6	12.5	13.1	13.6	11.7	12.3	12.1	12.8	13.2
	12.6	13.2	13.1	13.7	14.2	12.2	12.8	12.7	13.3	13.8
	13.4	13.9	13.9	14.4	14.9	12.8	13.3	13.3	13.8	14.3
	13.8	14.2	14.3	14.7	15.2	13.2	13.6	13.7	14.1	14.6
	14.2	14.6	14.7	15.1	15.6	13.5	13.9	14.1	14.5	15.0
X=8H Y=4H	12.9	13.3	13.4	13.8	14.3	12.4	12.9	12.9	13.4	13.9
	13.8	14.2	14.3	14.7	15.3	13.2	13.6	13.8	14.1	14.7
	14.3	14.6	14.9	15.2	15.7	13.7	14.0	14.3	14.6	15.1
	15.0	15.2	15.5	15.8	16.4	14.3	14.5	14.8	15.1	15.7
X=12H Y=4H	12.9	13.3	13.4	13.8	14.3	12.4	12.8	13.0	13.4	13.9
	13.9	14.2	14.4	14.7	15.3	13.3	13.6	13.9	14.2	14.7
	14.5	14.8	15.1	15.3	15.9	13.9	14.2	14.4	14.7	15.3
Variations with the objerver position at spacings										
S=1.0H	0.2/-0.2					0.2/-0.2				
S=1.5H	0.4/-0.4					0.4/-0.4				
S=2.0H	0.4/-0.5					0.5/-0.5				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.8					2.5				

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

IES Indoor Report

Photometric Filename:TR04-20-XX-01 3000K RA90 24D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	5423.04	5423.04	5423.04	5423.04
γ 1.0	5423.97	5425.35	5369.22	5402.05
γ 2.0	5393.51	5376.59	5285.66	5335.11
γ 3.0	5324.86	5290.84	5168.98	5225.79
γ 4.0	5217.76	5174.01	5014.64	5081.54
γ 5.0	5079.14	5023.32	4829.42	4905.47
γ 6.0	4902.78	4840.31	4613.25	4698.76
γ 7.0	4694.90	4623.35	4369.34	4462.01
γ 8.0	4455.58	4382.45	4108.66	4202.19
γ 9.0	4191.98	4121.76	3832.06	3925.43
γ 10.0	3909.49	3846.55	3541.46	3633.12
γ 11.0	3611.49	3552.45	3238.30	3328.75
γ 12.0	3299.50	3248.15	2931.08	3016.35
γ 13.0	2988.03	2939.09	2621.32	2703.39
γ 14.0	2678.33	2634.73	2329.65	2398.38
γ 15.0	2375.32	2347.74	2060.79	2120.88
γ 16.0	2096.66	2081.50	1810.47	1859.04
γ 17.0	1834.41	1831.39	1577.32	1614.45
γ 18.0	1590.44	1595.96	1360.61	1388.31
γ 19.0	1367.37	1378.80	1161.36	1183.19
γ 20.0	1164.38	1181.68	987.35	1003.43
γ 21.0	982.95	1011.28	841.43	848.68
γ 22.0	826.43	868.27	722.48	717.74
γ 23.0	697.81	753.14	625.07	613.08
γ 24.0	596.89	659.21	545.45	528.20
γ 25.0	519.05	579.92	477.54	463.05
γ 26.0	457.22	507.56	417.83	403.10
γ 27.0	401.70	446.23	367.23	350.83
γ 28.0	352.56	397.04	324.65	308.09
γ 29.0	312.22	354.40	288.21	272.31
γ 30.0	278.45	316.39	256.26	241.59
γ 31.0	249.77	282.97	228.04	214.99
γ 32.0	225.24	252.98	202.95	192.30
γ 33.0	203.38	224.74	180.53	171.60
γ 34.0	182.72	198.66	159.69	152.68
γ 35.0	163.54	175.13	141.28	135.39
γ 36.0	145.87	154.46	124.14	119.85
γ 37.0	129.77	135.85	109.27	105.99
γ 38.0	115.46	119.72	96.22	93.96
γ 39.0	102.94	105.49	84.69	83.38
γ 40.0	91.82	92.60	74.46	74.26
γ 41.0	82.06	80.99	65.08	66.15
γ 42.0	73.21	70.76	57.03	59.10
γ 43.0	65.58	62.23	50.57	53.01
γ 44.0	59.05	55.56	45.63	48.44
γ 45.0	53.67	50.03	41.75	44.65
γ 46.0	49.32	45.46	38.55	41.65

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	45.51	41.33	35.30	38.87
γ 48.0	41.94	37.46	32.41	36.09
γ 49.0	38.63	34.43	30.29	33.77
γ 50.0	35.94	32.40	29.07	32.17
γ 51.0	33.97	30.70	28.05	30.97
γ 52.0	32.20	29.26	27.03	29.98
γ 53.0	30.73	27.80	25.95	28.95
γ 54.0	29.18	26.45	25.15	27.89
γ 55.0	27.87	25.43	24.31	27.07
γ 56.0	26.82	24.41	23.64	26.26
γ 57.0	25.81	23.46	22.96	25.51
γ 58.0	24.80	22.52	22.20	24.75
γ 59.0	23.94	21.74	21.55	24.08
γ 60.0	23.11	20.87	20.83	23.29
γ 61.0	22.31	20.06	20.13	22.53
γ 62.0	21.45	19.29	19.30	21.73
γ 63.0	20.70	18.47	18.76	21.03
γ 64.0	19.94	17.62	17.92	20.23
γ 65.0	19.10	16.83	17.07	19.34
γ 66.0	18.24	16.02	16.31	18.52
γ 67.0	17.49	15.21	15.62	17.73
γ 68.0	16.70	14.55	14.88	16.94
γ 69.0	15.88	13.81	14.11	16.14
γ 70.0	15.23	13.12	13.50	15.39
γ 71.0	14.59	12.53	12.86	14.69
γ 72.0	13.76	11.82	12.17	13.91
γ 73.0	13.05	11.30	11.70	13.22
γ 74.0	12.43	10.72	11.02	12.59
γ 75.0	11.88	10.20	10.44	11.94
γ 76.0	11.27	9.74	9.97	11.27
γ 77.0	10.73	9.14	9.37	10.71
γ 78.0	10.19	8.62	8.89	10.16
γ 79.0	9.62	8.15	8.36	9.62
γ 80.0	9.14	7.71	7.83	8.99
γ 81.0	8.62	7.20	7.47	8.52
γ 82.0	8.09	6.89	6.91	7.92
γ 83.0	7.62	6.42	6.51	7.44
γ 84.0	7.09	6.03	6.11	6.97
γ 85.0	6.74	5.62	5.63	6.47
γ 86.0	6.24	5.27	5.27	5.94
γ 87.0	5.84	4.89	4.94	5.58
γ 88.0	5.49	4.53	4.56	5.17
γ 89.0	5.01	4.24	4.21	4.67
γ 90.0	4.80	4.09	4.06	4.44
γ 91.0	4.62	3.92	3.92	4.25
γ 92.0	4.47	3.83	3.80	4.14
γ 93.0	4.36	3.71	3.64	4.03

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	4.19	3.62	3.60	3.91
γ 95.0	4.04	3.51	3.49	3.72
γ 96.0	4.07	3.45	3.37	3.62
γ 97.0	3.98	3.26	3.24	3.57
γ 98.0	3.88	3.25	3.22	3.47
γ 99.0	3.72	3.11	3.10	3.32
γ 100.0	3.70	3.07	3.02	3.33
γ 101.0	3.61	3.06	2.99	3.25
γ 102.0	3.62	3.05	2.93	3.15
γ 103.0	3.44	2.94	2.94	3.01
γ 104.0	3.43	2.90	2.76	3.00
γ 105.0	3.35	2.82	2.80	2.97
γ 106.0	3.32	2.80	2.79	2.90
γ 107.0	3.28	2.84	2.80	2.94
γ 108.0	3.19	2.74	2.77	2.90
γ 109.0	3.16	2.72	2.81	2.84
γ 110.0	3.18	2.61	2.73	2.79
γ 111.0	3.08	2.52	2.72	2.79
γ 112.0	3.08	2.55	2.72	2.80
γ 113.0	2.94	2.51	2.78	2.76
γ 114.0	2.87	2.43	2.68	2.73
γ 115.0	2.83	2.43	2.80	2.77
γ 116.0	2.79	2.40	2.76	2.78
γ 117.0	2.74	2.36	2.88	2.81
γ 118.0	2.72	2.36	2.82	2.85
γ 119.0	2.70	2.44	2.82	2.83
γ 120.0	2.69	2.40	2.95	2.92
γ 121.0	2.73	2.33	3.04	2.99
γ 122.0	2.65	2.43	3.05	3.00
γ 123.0	2.65	2.44	3.12	3.08
γ 124.0	2.72	2.42	3.19	3.25
γ 125.0	2.76	2.52	3.24	3.24
γ 126.0	2.88	2.58	3.37	3.29
γ 127.0	2.96	2.66	3.54	3.50
γ 128.0	3.14	2.78	3.70	3.62
γ 129.0	3.22	2.88	3.93	3.84
γ 130.0	3.34	3.03	4.07	3.94
γ 131.0	3.48	3.26	4.26	4.20
γ 132.0	3.72	3.48	4.54	4.43
γ 133.0	3.87	3.59	4.81	4.68
γ 134.0	4.07	3.96	5.05	4.96
γ 135.0	4.36	4.13	5.41	5.18
γ 136.0	4.55	4.36	5.66	5.55
γ 137.0	4.90	4.71	5.93	5.80
γ 138.0	5.15	4.96	6.30	6.15
γ 139.0	5.50	5.34	6.67	6.47
γ 140.0	5.87	5.61	6.97	6.80

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	6.10	5.98	7.27	7.03
γ 142.0	6.54	6.28	7.66	7.44
γ 143.0	6.82	6.63	8.00	7.76
γ 144.0	7.18	6.93	8.27	8.10
γ 145.0	7.41	7.29	8.69	8.35
γ 146.0	7.83	7.68	8.99	8.76
γ 147.0	8.10	7.96	9.24	8.99
γ 148.0	8.49	8.27	9.57	9.33
γ 149.0	8.72	8.47	9.86	9.54
γ 150.0	9.01	8.75	10.13	9.78
γ 151.0	9.32	9.07	10.38	10.08
γ 152.0	9.64	9.40	10.68	10.28
γ 153.0	9.95	9.61	10.84	10.58
γ 154.0	10.06	9.90	10.99	10.70
γ 155.0	10.40	10.04	11.13	10.80
γ 156.0	10.55	10.25	11.34	10.97
γ 157.0	10.66	10.41	11.43	11.19
γ 158.0	10.88	10.50	11.59	11.17
γ 159.0	11.05	10.60	11.73	11.24
γ 160.0	11.13	10.85	11.76	11.25
γ 161.0	11.23	10.87	11.85	11.39
γ 162.0	11.29	10.97	11.90	11.50
γ 163.0	11.40	11.06	11.87	11.46
γ 164.0	11.38	11.13	11.95	11.41
γ 165.0	11.40	11.19	11.92	11.44
γ 166.0	11.47	11.16	11.90	11.45
γ 167.0	11.44	11.19	11.82	11.40
γ 168.0	11.42	11.23	11.77	11.38
γ 169.0	11.43	11.23	11.77	11.33
γ 170.0	11.35	11.26	11.74	11.23
γ 171.0	11.42	11.18	11.66	11.27
γ 172.0	11.36	11.20	11.67	11.24
γ 173.0	11.34	11.22	11.56	11.16
γ 174.0	11.30	11.20	11.50	11.19
γ 175.0	11.27	11.22	11.52	11.23
γ 176.0	11.26	11.22	11.56	11.30
γ 177.0	11.31	11.21	11.49	11.29
γ 178.0	11.26	11.22	11.53	11.27
γ 179.0	11.29	11.25	11.55	11.40
γ 180.0	11.41	11.41	11.41	11.41