

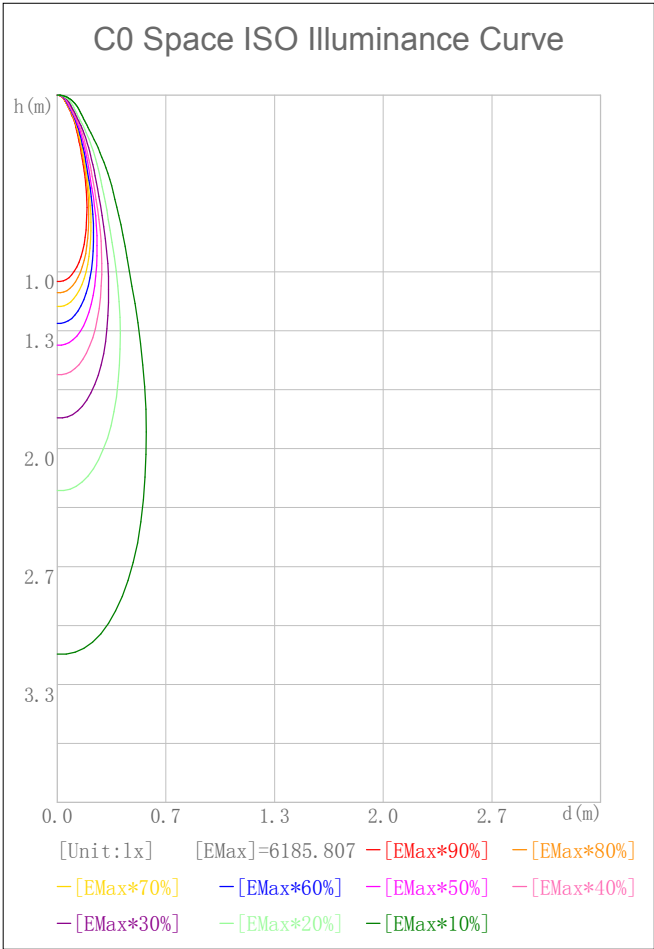
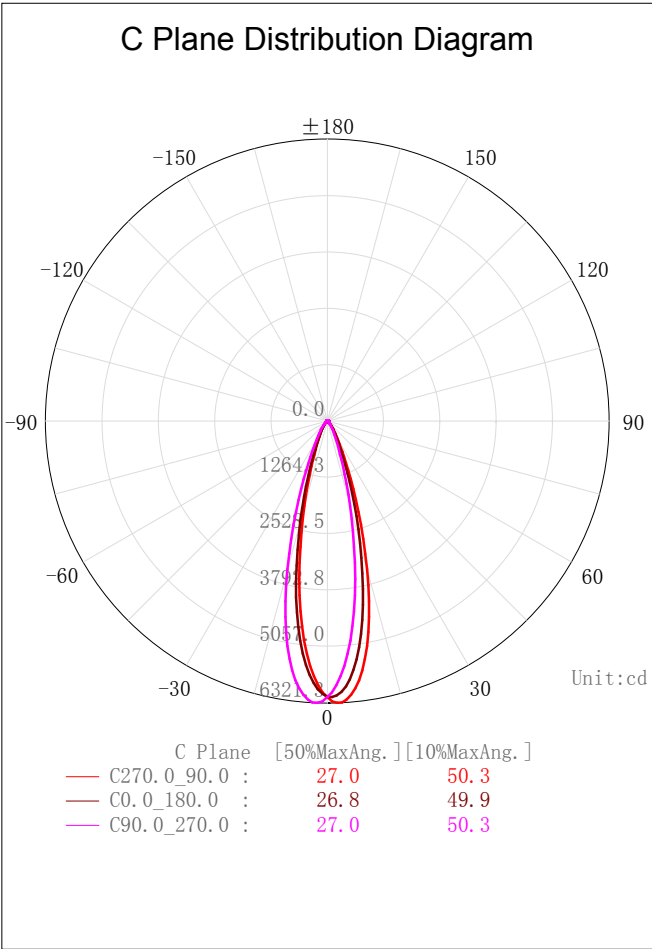
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-25-XX-01 3000K RA90 24D		Lum. Catalog:	Test ID: QIU MEI
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/09/17
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

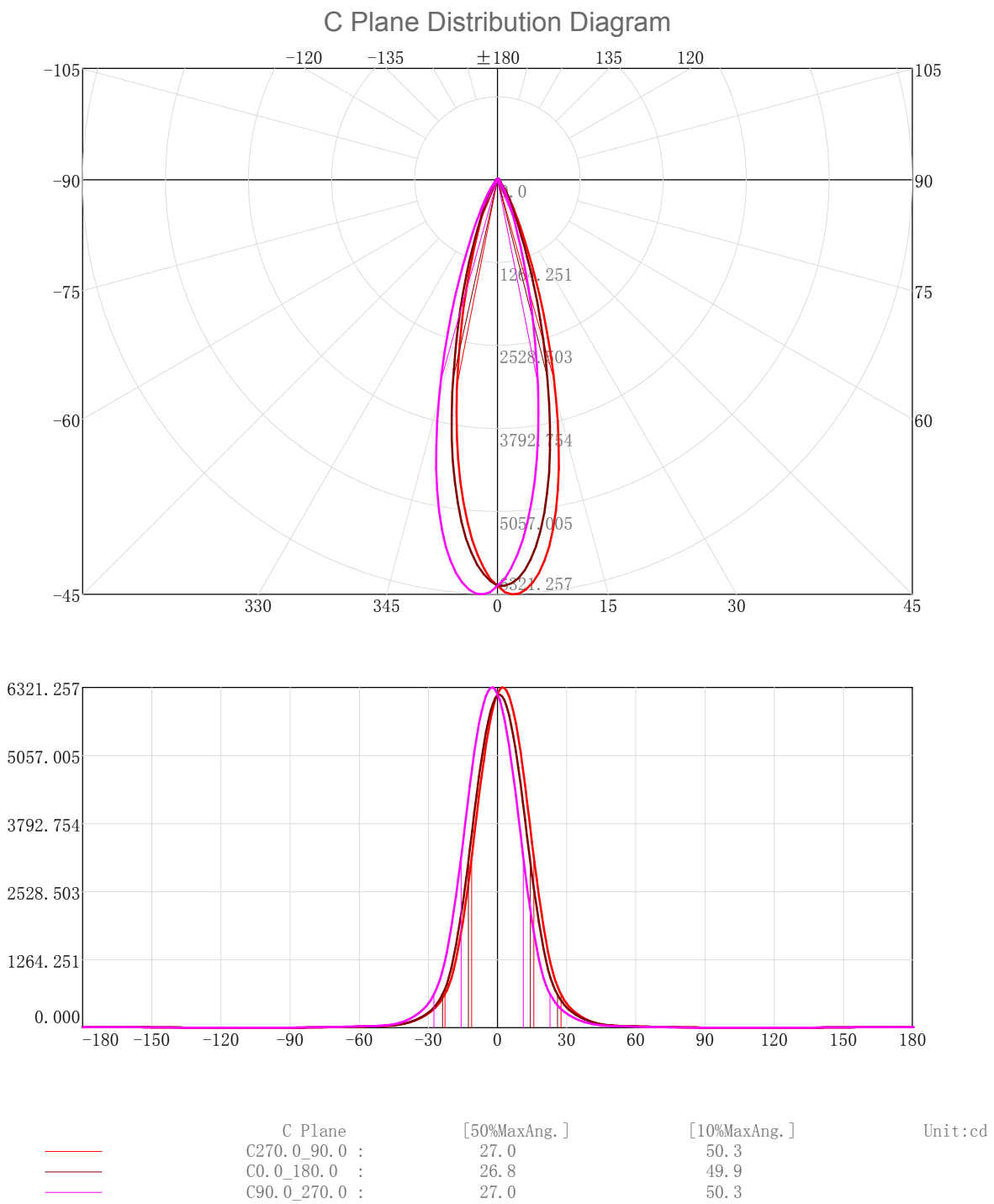
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1823.450	Luminary Flux(lm): 1823.451	Field Angle(10%Imax): 50.3(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1785.442lm 97.92%	
Rated Voltage(V):	Luminary EER(lm/W): 75.225	Up Lumens&Percent: 38.010lm 2.08%	
Tested Power(W): 24.240	Max. Candela(cd): 6321.257	S/MH: C0_a180=0.451 C90_270=0.461	
Lamps' Inside: 1	Max Cand@Ang.(°): C=270.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):239.8, 0.103, 0.982		ErP Φuse(90°): 1603.283lm	
Lamp Size(W*L*H):0.060m*0.060m*0.250m	Left=-11.2°, Right=15.8°	IRF(%): 733.235	



2D Plane Light Intensity Distribution Curve

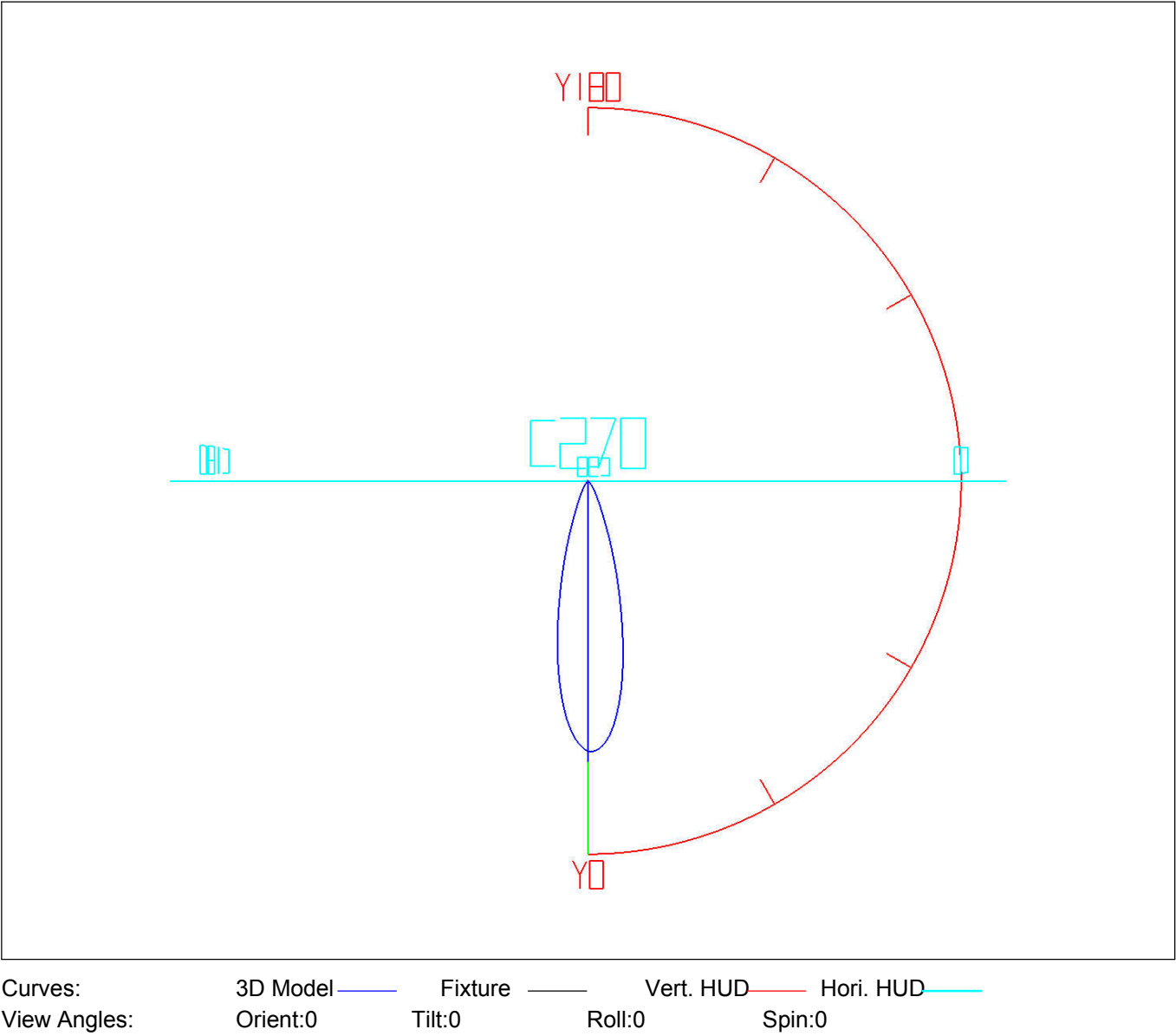
Lum. Name:TR04-25-XX-01 3000K RA90 24D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/17



3D Light Intensity Distribution Modal

Lum. Name:TR04-25-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:2019/09/17

3D Light Intensity Distribution Modal



Photometric Filename:TR04-25-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	5.91	5.91	0.32	0.32	47.0-48.0	3.85	1705.74	0.21	93.54
1.0-2.0	17.62	23.53	0.97	1.29	48.0-49.0	3.62	1709.36	0.20	93.74
2.0-3.0	28.95	52.48	1.59	2.88	49.0-50.0	3.42	1712.78	0.19	93.93
3.0-4.0	39.68	92.16	2.18	5.05	50.0-51.0	3.26	1716.05	0.18	94.11
4.0-5.0	49.60	141.76	2.72	7.77	51.0-52.0	3.13	1719.18	0.17	94.28
5.0-6.0	58.51	200.27	3.21	10.98	52.0-53.0	3.03	1722.21	0.17	94.45
6.0-7.0	66.21	266.49	3.63	14.61	53.0-54.0	2.94	1725.15	0.16	94.61
7.0-8.0	72.59	339.08	3.98	18.60	54.0-55.0	2.86	1728.01	0.16	94.77
8.0-9.0	77.54	416.61	4.25	22.85	55.0-56.0	2.79	1730.79	0.15	94.92
9.0-10.0	80.99	497.60	4.44	27.29	56.0-57.0	2.72	1733.51	0.15	95.07
10.0-11.0	82.87	580.47	4.54	31.83	57.0-58.0	2.66	1736.17	0.15	95.21
11.0-12.0	83.23	663.70	4.56	36.40	58.0-59.0	2.59	1738.76	0.14	95.36
12.0-13.0	82.23	745.93	4.51	40.91	59.0-60.0	2.53	1741.29	0.14	95.49
13.0-14.0	80.09	826.03	4.39	45.30	60.0-61.0	2.47	1743.76	0.14	95.63
14.0-15.0	77.00	903.03	4.22	49.52	61.0-62.0	2.40	1746.16	0.13	95.76
15.0-16.0	73.13	976.15	4.01	53.53	62.0-63.0	2.34	1748.50	0.13	95.89
16.0-17.0	68.66	1044.81	3.77	57.30	63.0-64.0	2.27	1750.76	0.12	96.01
17.0-18.0	63.76	1108.57	3.50	60.80	64.0-65.0	2.19	1752.96	0.12	96.13
18.0-19.0	58.60	1167.18	3.21	64.01	65.0-66.0	2.12	1755.07	0.12	96.25
19.0-20.0	53.35	1220.53	2.93	66.94	66.0-67.0	2.04	1757.12	0.11	96.36
20.0-21.0	48.19	1268.72	2.64	69.58	67.0-68.0	1.96	1759.08	0.11	96.47
21.0-22.0	43.34	1312.06	2.38	71.95	68.0-69.0	1.89	1760.97	0.10	96.57
22.0-23.0	38.95	1351.01	2.14	74.09	69.0-70.0	1.82	1762.78	0.10	96.67
23.0-24.0	35.08	1386.09	1.92	76.01	70.0-71.0	1.75	1764.53	0.10	96.77
24.0-25.0	31.70	1417.79	1.74	77.75	71.0-72.0	1.67	1766.20	0.09	96.86
25.0-26.0	28.77	1446.57	1.58	79.33	72.0-73.0	1.60	1767.80	0.09	96.95
26.0-27.0	26.20	1472.76	1.44	80.77	73.0-74.0	1.53	1769.33	0.08	97.03
27.0-28.0	23.87	1496.64	1.31	82.08	74.0-75.0	1.46	1770.80	0.08	97.11
28.0-29.0	21.76	1518.40	1.19	83.27	75.0-76.0	1.40	1772.19	0.08	97.19
29.0-30.0	19.89	1538.29	1.09	84.36	76.0-77.0	1.33	1773.52	0.07	97.26
30.0-31.0	18.24	1556.54	1.00	85.36	77.0-78.0	1.26	1774.79	0.07	97.33
31.0-32.0	16.74	1573.28	0.92	86.28	78.0-79.0	1.20	1775.99	0.07	97.40
32.0-33.0	15.37	1588.65	0.84	87.12	79.0-80.0	1.14	1777.13	0.06	97.46
33.0-34.0	14.09	1602.74	0.77	87.90	80.0-81.0	1.08	1778.21	0.06	97.52
34.0-35.0	12.87	1615.61	0.71	88.60	81.0-82.0	1.02	1779.23	0.06	97.57
35.0-36.0	11.71	1627.33	0.64	89.24	82.0-83.0	0.96			

IES Indoor Report

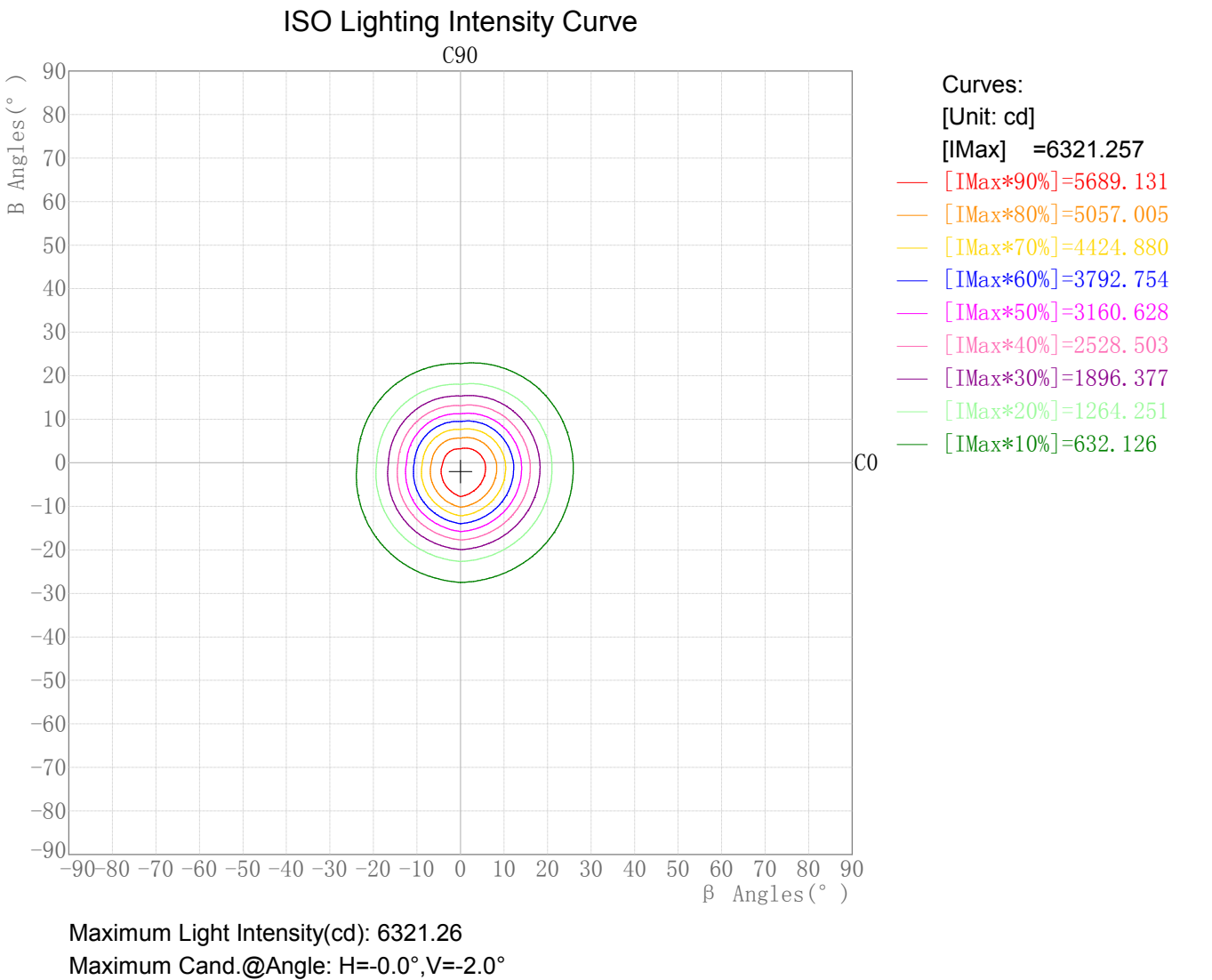
Photometric Filename:TR04-25-XX-01 3000K RA90 24D.IES

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. 52	1788. 18	0. 03	98. 07	141. 0-142. 0	0. 57	1807. 37	0. 03	99. 12
95. 0-96. 0	0. 50	1788. 68	0. 03	98. 09	142. 0-143. 0	0. 59	1807. 96	0. 03	99. 15
96. 0-97. 0	0. 49	1789. 17	0. 03	98. 12	143. 0-144. 0	0. 60	1808. 56	0. 03	99. 18
97. 0-98. 0	0. 48	1789. 65	0. 03	98. 15	144. 0-145. 0	0. 61	1809. 17	0. 03	99. 22
98. 0-99. 0	0. 47	1790. 12	0. 03	98. 17	145. 0-146. 0	0. 62	1809. 78	0. 03	99. 25
99. 0-100. 0	0. 45	1790. 57	0. 02	98. 20	146. 0-147. 0	0. 63	1810. 41	0. 03	99. 28
100. 0-101. 0	0. 44	1791. 01	0. 02	98. 22	147. 0-148. 0	0. 63	1811. 04	0. 03	99. 32
101. 0-102. 0	0. 43	1791. 44	0. 02	98. 24	148. 0-149. 0	0. 63	1811. 67	0. 03	99. 35
102. 0-103. 0	0. 43	1791. 87	0. 02	98. 27	149. 0-150. 0	0. 63	1812. 31	0. 03	99. 39
103. 0-104. 0	0. 42	1792. 29	0. 02	98. 29	150. 0-151. 0	0. 63	1812. 94	0. 03	99. 42
104. 0-105. 0	0. 41	1792. 69	0. 02	98. 31	151. 0-152. 0	0. 63	1813. 57	0. 03	99. 46
105. 0-106. 0	0. 40	1793. 09	0. 02	98. 34	152. 0-153. 0	0. 62	1814. 19	0. 03	99. 49
106. 0-107. 0	0. 39	1793. 48	0. 02	98. 36	153. 0-154. 0	0. 61	1814. 80	0. 03	99. 53
107. 0-108. 0	0. 39	1793. 87	0. 02	98. 38	154. 0-155. 0	0. 60	1815. 40	0. 03	99. 56
108. 0-109. 0	0. 38	1794. 24	0. 02	98. 40	155. 0-156. 0	0. 59	1815. 99	0. 03	99. 59
109. 0-110. 0	0. 37	1794. 62	0. 02	98. 42	156. 0-157. 0	0. 58	1816. 56	0. 03	99. 62
110. 0-111. 0	0. 37	1794. 98	0. 02	98. 44	157. 0-158. 0	0. 56	1817. 12	0. 03	99. 65
111. 0-112. 0	0. 36	1795. 34	0. 02	98. 46	158. 0-159. 0	0. 54	1817. 67	0. 03	99. 68
112. 0-113. 0	0. 36	1795. 70	0. 02	98. 48	159. 0-160. 0	0. 52	1818. 19	0. 03	99. 71
113. 0-114. 0	0. 35	1796. 05	0. 02	98. 50	160. 0-161. 0	0. 50	1818. 69	0. 03	99. 74
114. 0-115. 0	0. 34	1796. 39	0. 02	98. 52	161. 0-162. 0	0. 48	1819. 17	0. 03	99. 77
115. 0-116. 0	0. 34	1796. 73	0. 02	98. 53	162. 0-163. 0	0. 46	1819. 63	0. 03	99. 79
116. 0-117. 0	0. 34	1797. 08	0. 02	98. 55	163. 0-164. 0	0. 43	1820. 06	0. 02	99. 81
117. 0-118. 0	0. 34	1797. 41	0. 02	98. 57	164. 0-165. 0	0. 41	1820. 47	0. 02	99. 84
118. 0-119. 0	0. 33	1797. 75	0. 02	98. 59	165. 0-166. 0	0. 38	1820. 86	0. 02	99. 86
119. 0-120. 0	0. 33	1798. 08	0. 02	98. 61	166. 0-167. 0	0. 36	1821. 22	0. 02	99. 88
120. 0-121. 0	0. 33	1798. 41	0. 02	98. 63	167. 0-168. 0	0. 33	1821. 55	0. 02	99. 90
121. 0-122. 0	0. 33	1798. 75	0. 02	98. 65	168. 0-169. 0	0. 30	1821. 85	0. 02	99. 91
122. 0-123. 0	0. 33	1799. 08	0. 02	98. 66	169. 0-170. 0	0. 28	1822. 13	0. 02	99. 93
123. 0-124. 0	0. 34	1799. 42	0. 02	98. 68	170. 0-171. 0	0. 25	1822. 38	0. 01	99. 94
124. 0-125. 0	0. 34	1799. 76	0. 02	98. 70	171. 0-172. 0	0. 22	1822. 61	0. 01	99. 95
125. 0-126. 0	0. 35	1800. 11	0. 02	98. 72	172. 0-173. 0	0. 20	1822. 80	0. 01	99. 96
126. 0-127. 0	0. 35	1800. 46	0. 02	98. 74	173. 0-174. 0	0. 17	1822. 98	0. 01	99. 97
127. 0-128. 0	0. 36	1800. 82	0. 02	98. 76	174. 0-175. 0	0. 15	1823. 12	0. 01	99. 98
128. 0-129. 0	0. 37	1801. 19	0. 02	98. 78	175. 0-176. 0	0. 12	1823. 24	0. 01	99. 99
129. 0-130. 0	0. 38	1801. 57	0. 02	98. 80	176. 0-177. 0	0. 09	1823. 33	0. 01	99. 99
130. 0-131. 0	0. 40	1801. 97	0. 02	98. 82	177. 0-178. 0	0. 07	1823. 40	0. 00	100. 00
131. 0-132. 0	0. 41	1802. 38	0. 02	98. 84	178. 0-179. 0	0. 04	1823. 44	0. 00	100. 00
132. 0-133. 0	0. 42	1802. 80	0. 02	98. 87	179. 0-180. 0	0. 01	1823. 45	0. 00	100. 00
133. 0-134. 0	0. 44	1803. 24	0. 02	98. 89					
134. 0-135. 0	0. 46	1803. 70	0. 03	98. 92					
135. 0-136. 0	0. 47	1804. 17	0. 03	98. 94					
136. 0-137. 0	0. 49	1804. 66	0. 03	98. 97					
137. 0-138. 0	0. 51	1805. 17	0. 03	99. 00					
138. 0-139. 0	0. 53	1805. 69	0. 03	99. 03					
139. 0-140. 0	0. 54	1806. 24	0. 03	99. 06					
140. 0-141. 0	0. 56	1806. 80	0. 03	99. 09					

Rectangle ISO Lighting Intensity Diagram

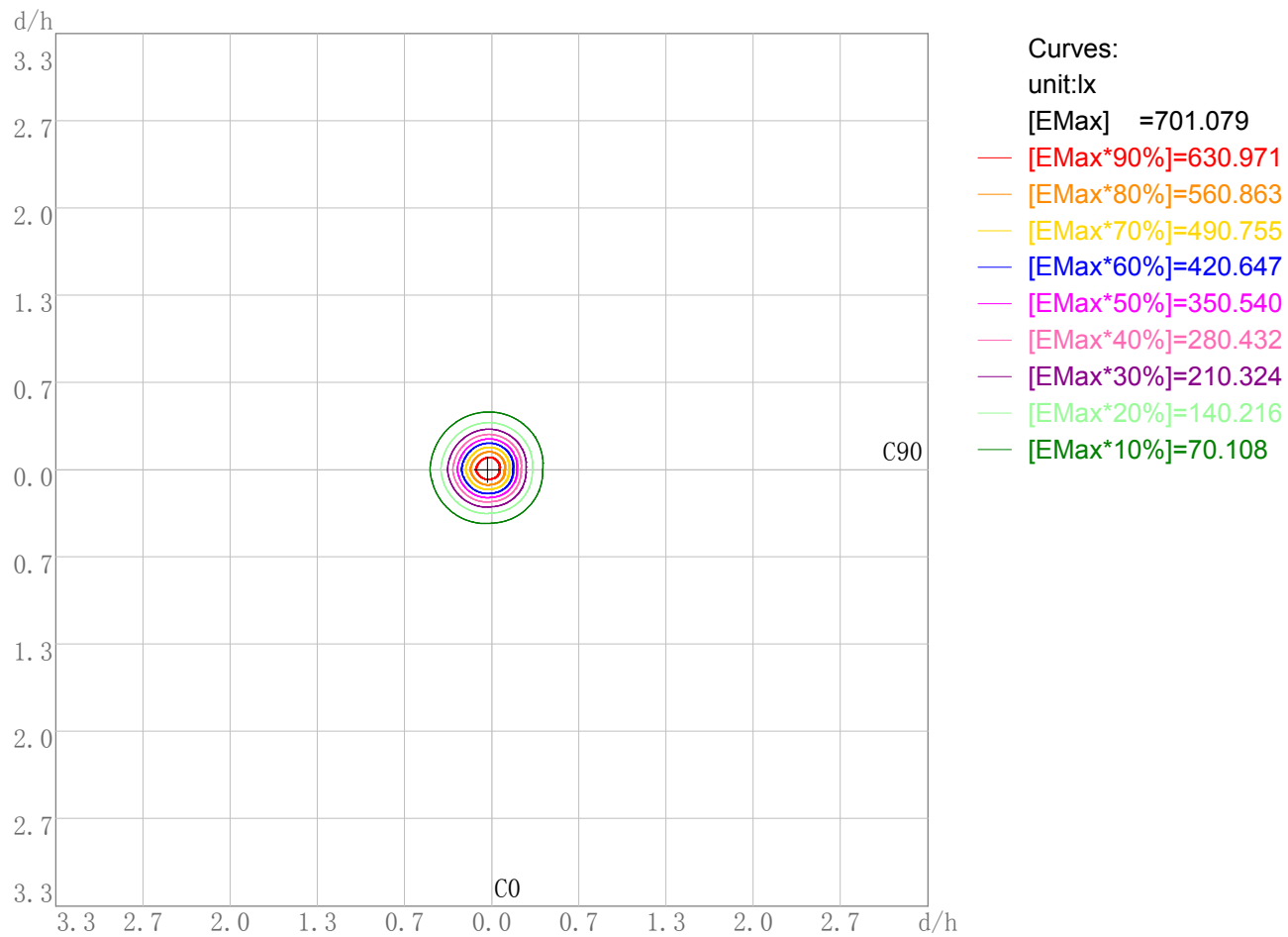
Lum. Name:TR04-25-XX-01 3000K RA90 24D	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/17



Plane ISO-Illuminance Diagram

Lum. Name:TR04-25-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:2019/09/17

Plane ISO-Illuminance Curve



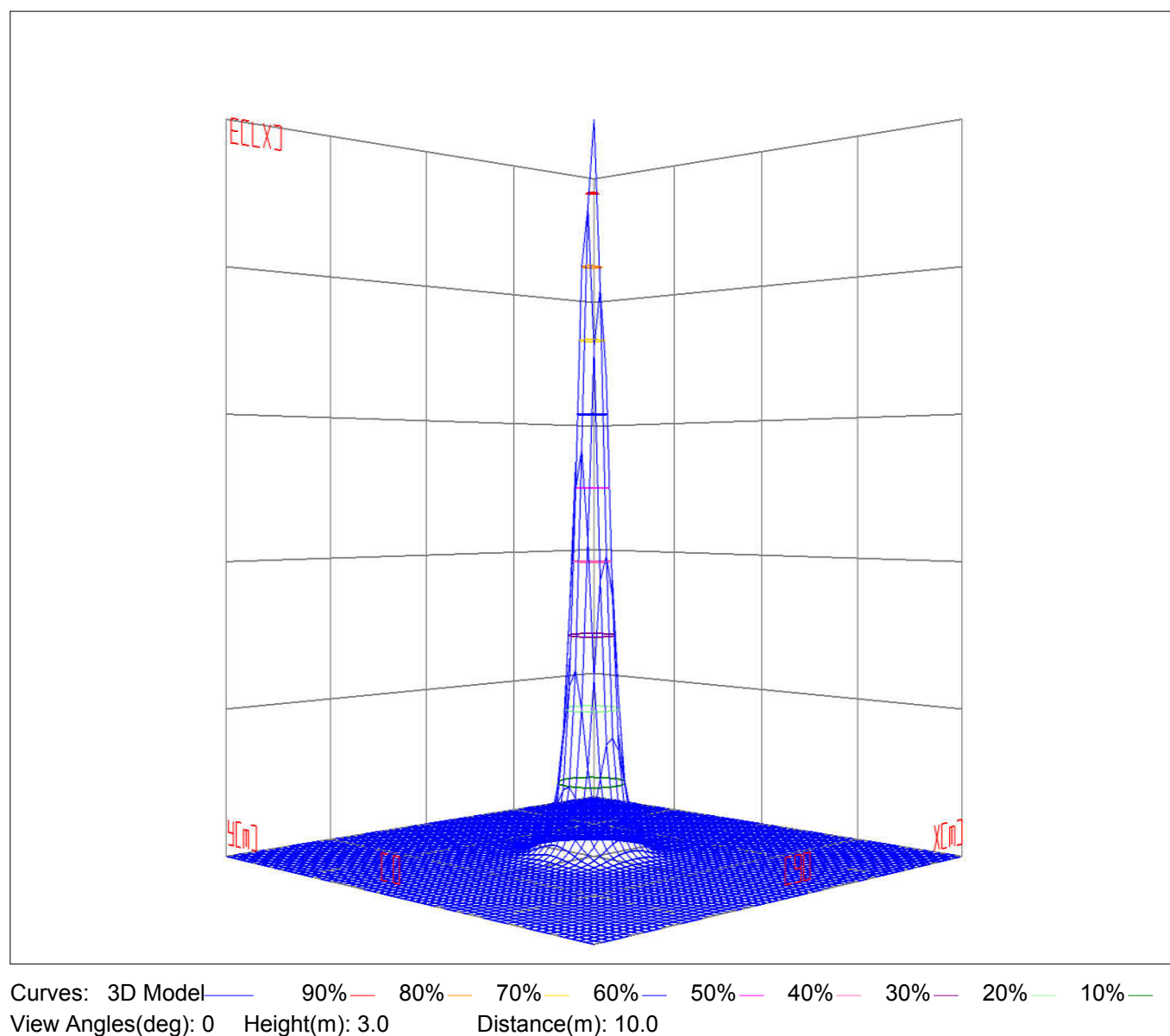
Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 701.08
Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0

Photometric Filename:TR04-25-XX-01 3000K RA90 24D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: TR04-25-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: 2019/09/17

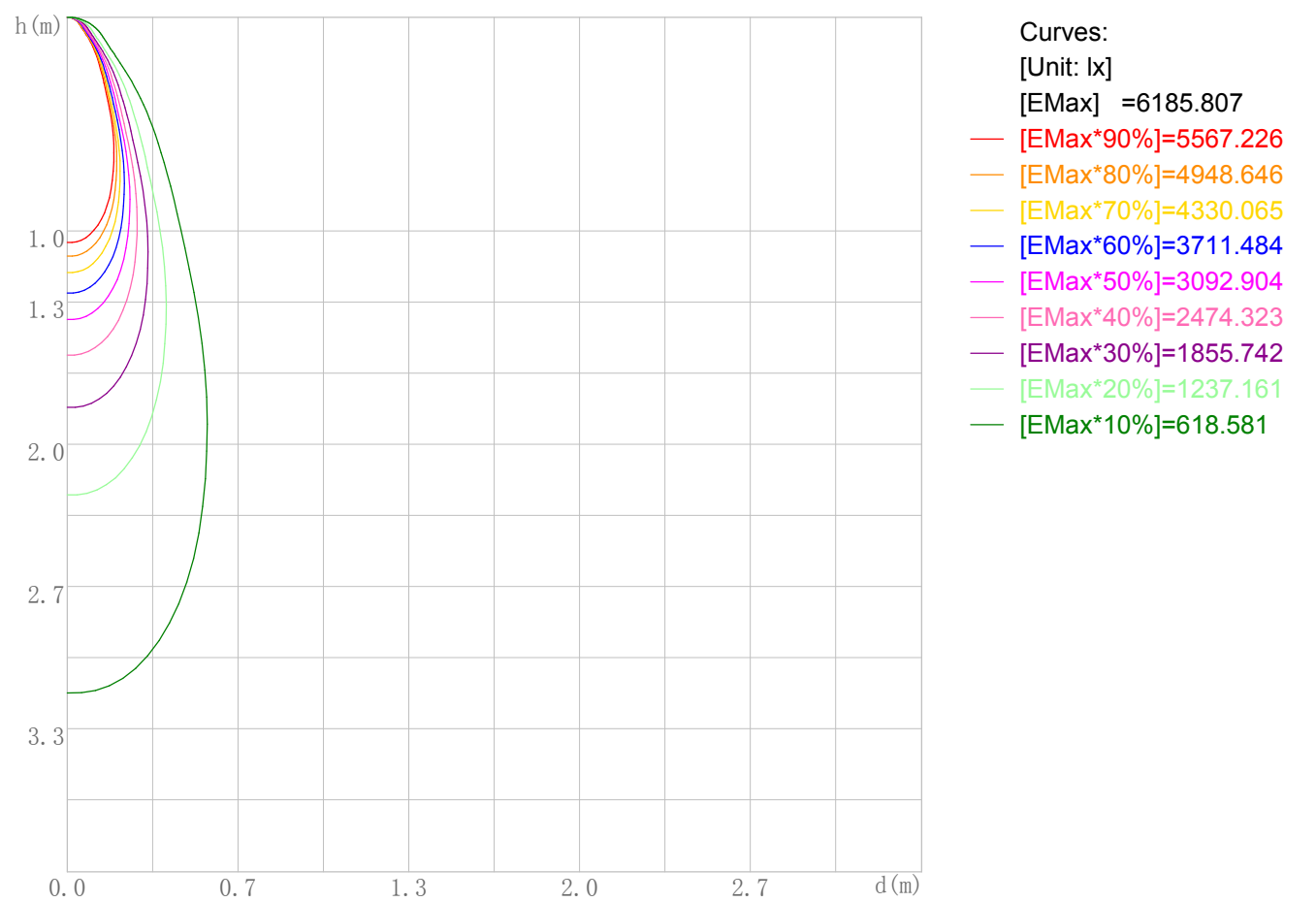
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name:TR04-25-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:2019/09/17

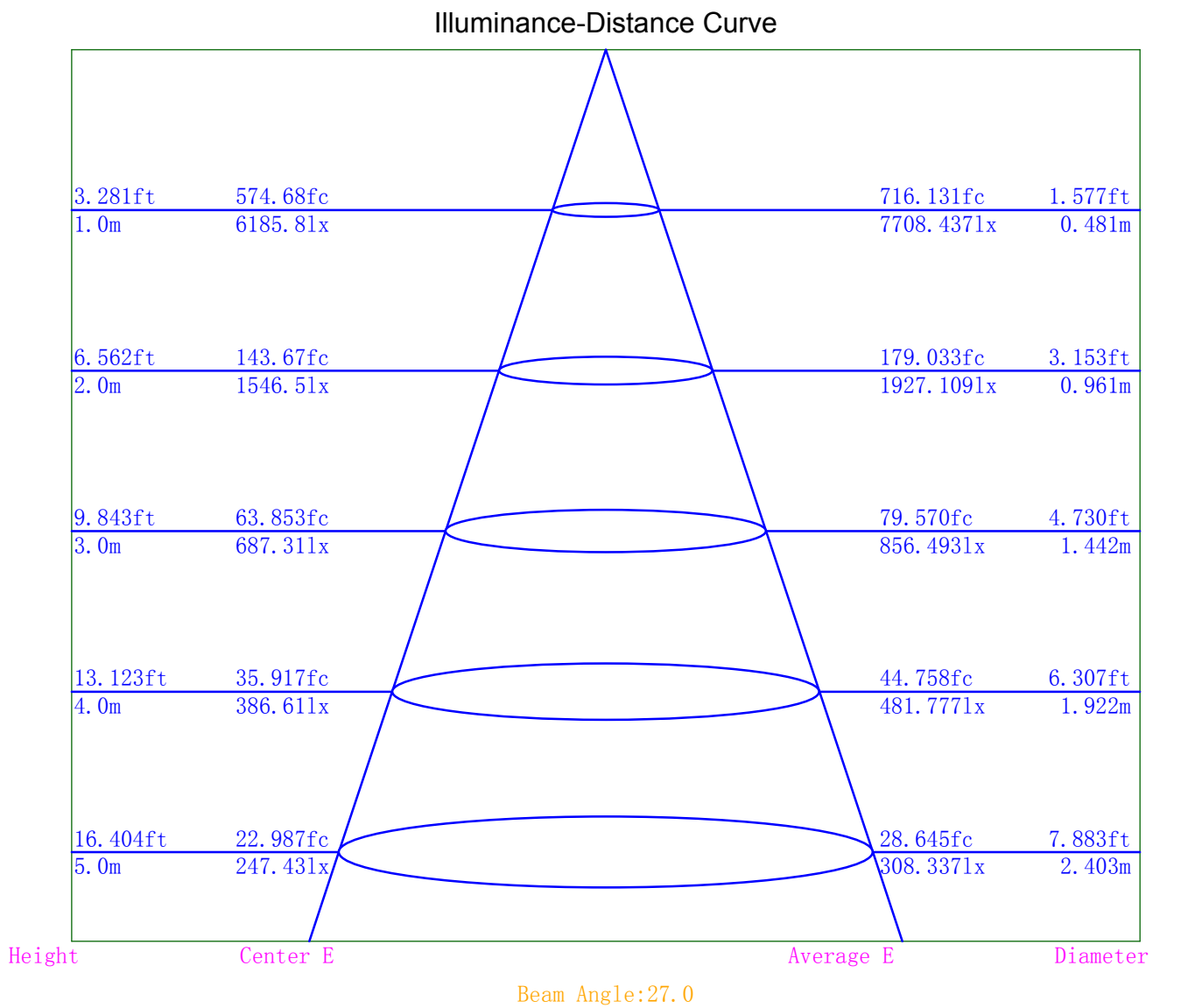
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:6185.81lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:6186.571cd,0eg

Illuminance-Distance Diagram

Lum. Name:TR04-25-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:2019/09/17



Indoor Luminance Limiting Curves

Lum. Name: TR04-25-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: 2019/09/17

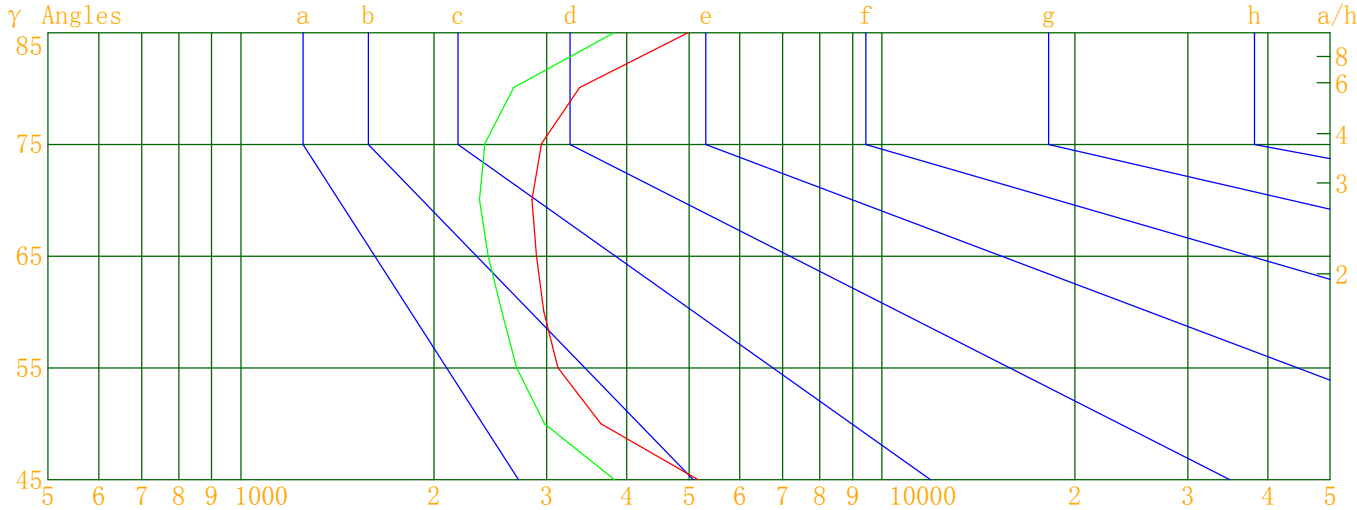
Glare Grade Table

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	5168	3641	3123	2968	2891	2845	2945	3376	4980
C90	3825	2975	2692	2553	2429	2356	2402	2664	3818

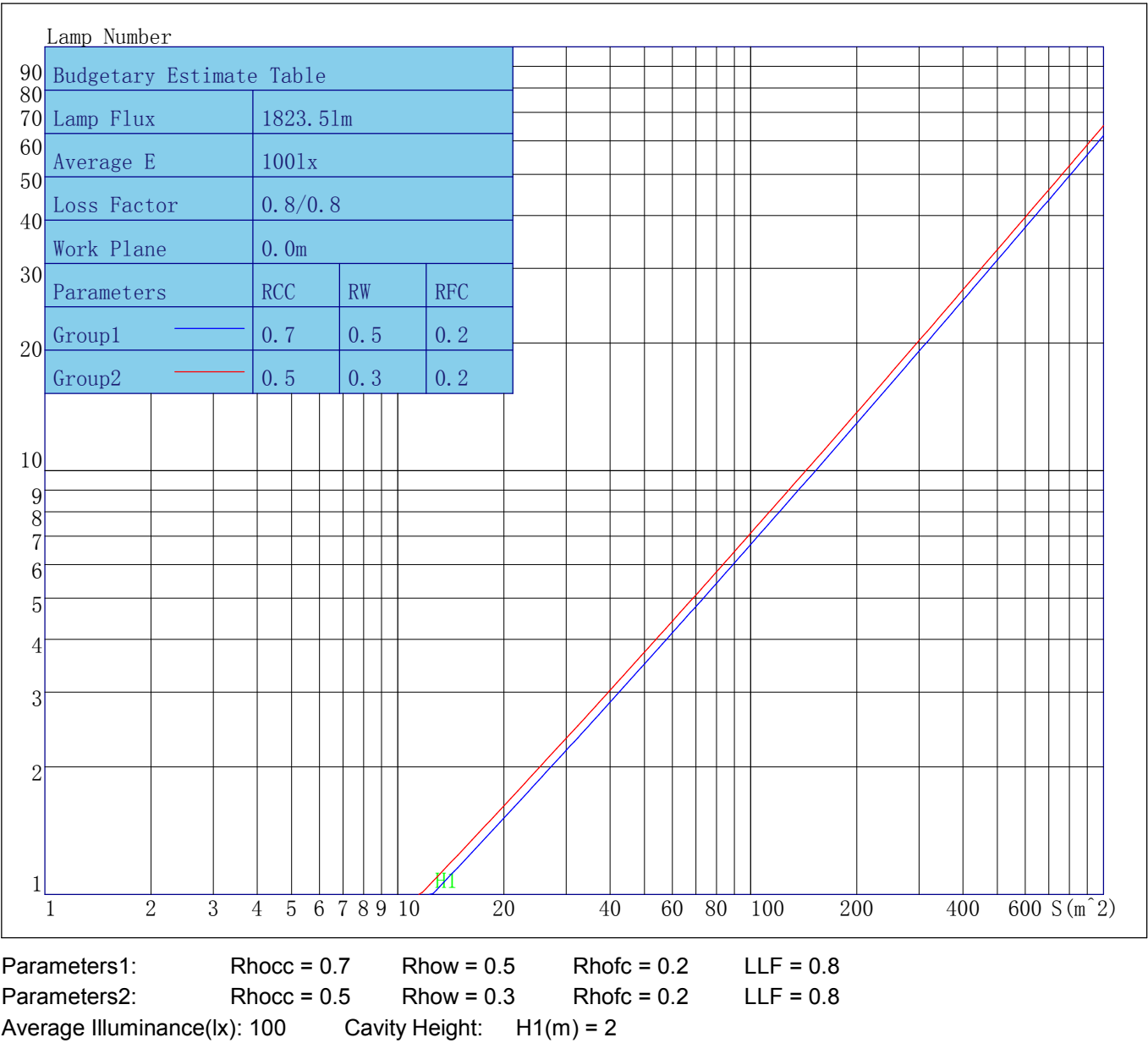
Luminance Limiting Curve



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 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: 2019/09/17



Indoor Coefficient of Utilization Table

Lum. Name:TR04-25-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:2019/09/17

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

Unified Glare Rating Table

Lum. Name: TR04-25-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: 2019/09/17

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	11.6	12.7	12.0	13.0	13.4	10.1	11.1	10.5	11.5	11.9
	12.4	13.3	12.8	13.7	14.1	10.9	11.9	11.3	12.2	12.7
	12.8	13.7	13.2	14.1	14.5	11.4	12.3	11.8	12.7	13.1
	13.3	14.1	13.7	14.5	15.0	11.9	12.7	12.3	13.1	13.5
	13.5	14.3	14.0	14.8	15.2	12.1	12.9	12.6	13.3	13.8
	13.9	14.6	14.3	15.0	15.5	12.4	13.1	12.9	13.6	14.1
X=4H Y=2H	11.8	12.6	12.2	13.0	13.5	10.4	11.2	10.8	11.6	12.1
	12.7	13.5	13.2	13.9	14.4	11.5	12.2	11.9	12.6	13.1
	13.3	14.0	13.8	14.5	15.0	12.1	12.7	12.5	13.2	13.7
	14.0	14.6	14.5	15.1	15.6	12.7	13.3	13.2	13.8	14.3
	14.4	15.0	14.9	15.4	16.0	13.1	13.6	13.6	14.1	14.7
	14.8	15.3	15.4	15.9	16.4	13.5	14.0	14.0	14.5	15.0
X=8H Y=4H	13.5	14.1	14.0	14.6	15.1	12.3	12.9	12.8	13.4	13.9
	14.4	14.9	15.0	15.4	16.0	13.2	13.7	13.7	14.2	14.8
	14.9	15.4	15.5	15.9	16.5	13.7	14.1	14.2	14.7	15.2
	15.6	15.9	16.1	16.5	17.1	14.2	14.6	14.8	15.2	15.8
X=12H Y=4H	13.6	14.1	14.1	14.6	15.1	12.4	12.9	12.9	13.4	13.9
	14.5	14.9	15.1	15.4	16.0	13.3	13.7	13.9	14.2	14.8
	15.1	15.5	15.7	16.0	16.6	13.9	14.3	14.4	14.8	15.4
Variations with the objerver position at spacings										
S=1.0H	0.2/-0.2					0.3/-0.3				
S=1.5H	0.4/-0.4					0.4/-0.5				
S=2.0H	0.4/-0.5					0.5/-0.6				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.7					2.8				

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 3000K RA90 24D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	6185.81	6185.81	6185.81	6185.81
γ 1.0	6186.57	6088.42	6115.05	6286.67
γ 2.0	6154.31	5925.09	6014.42	6321.26
γ 3.0	6080.02	5729.78	5877.20	6312.80
γ 4.0	5964.92	5503.61	5696.47	6256.73
γ 5.0	5811.69	5240.10	5487.67	6161.32
γ 6.0	5616.33	4949.44	5239.65	6027.55
γ 7.0	5384.82	4638.29	4962.66	5852.41
γ 8.0	5122.68	4303.83	4661.62	5644.64
γ 9.0	4837.58	3954.80	4343.01	5400.21
γ 10.0	4528.81	3599.06	4007.39	5125.25
γ 11.0	4196.08	3239.50	3657.87	4821.30
γ 12.0	3851.42	2885.64	3310.35	4492.96
γ 13.0	3504.93	2561.26	2961.87	4148.33
γ 14.0	3158.33	2261.70	2635.15	3797.75
γ 15.0	2830.88	1980.16	2330.58	3441.35
γ 16.0	2524.87	1718.40	2046.34	3090.12
γ 17.0	2234.15	1479.74	1781.35	2760.18
γ 18.0	1958.81	1266.77	1539.83	2447.61
γ 19.0	1703.86	1081.74	1318.16	2157.15
γ 20.0	1469.46	926.46	1119.66	1883.38
γ 21.0	1261.10	799.09	949.97	1629.87
γ 22.0	1078.71	696.72	809.64	1401.95
γ 23.0	925.46	614.78	697.36	1200.65
γ 24.0	802.21	539.64	607.35	1030.33
γ 25.0	703.90	473.09	531.61	888.85
γ 26.0	621.31	418.88	464.54	773.46
γ 27.0	547.23	373.38	408.31	676.21
γ 28.0	483.48	333.85	360.35	589.03
γ 29.0	428.58	299.03	319.31	513.38
γ 30.0	382.10	268.28	284.23	452.32
γ 31.0	341.76	240.04	253.28	400.29
γ 32.0	306.67	214.12	225.96	355.68
γ 33.0	275.93	190.90	201.44	316.54
γ 34.0	246.61	170.27	179.05	281.72
γ 35.0	220.23	151.47	158.11	250.17
γ 36.0	196.75	134.28	139.41	220.95
γ 37.0	175.18	119.02	122.87	193.38
γ 38.0	155.48	105.49	108.69	170.27
γ 39.0	138.09	93.39	96.30	148.87
γ 40.0	122.66	82.77	85.48	130.76
γ 41.0	108.56	73.58	76.02	114.73
γ 42.0	95.68	66.22	67.69	100.71
γ 43.0	84.81	60.12	60.77	88.34
γ 44.0	75.53	54.92	55.09	77.29
γ 45.0	67.97	50.31	50.62	68.17
γ 46.0	61.78	46.05	46.92	61.05

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	56.61	42.32	43.69	55.47
γ 48.0	51.71	39.61	40.46	51.17
γ 49.0	47.14	37.46	37.63	47.49
γ 50.0	43.54	35.57	35.71	43.89
γ 51.0	41.00	33.81	34.21	40.71
γ 52.0	38.74	32.21	32.83	38.39
γ 53.0	36.91	31.01	31.58	36.85
γ 54.0	34.96	29.80	30.45	35.42
γ 55.0	33.32	28.72	29.43	34.08
γ 56.0	32.01	27.66	28.54	32.81
γ 57.0	30.81	26.70	27.69	31.62
γ 58.0	29.72	25.75	26.77	30.66
γ 59.0	28.65	24.72	25.96	29.69
γ 60.0	27.61	23.74	25.07	28.81
γ 61.0	26.61	22.80	24.21	27.90
γ 62.0	25.60	21.86	23.34	27.06
γ 63.0	24.66	20.91	22.47	26.15
γ 64.0	23.70	19.96	21.65	25.20
γ 65.0	22.72	19.09	20.66	24.34
γ 66.0	21.70	18.18	19.81	23.37
γ 67.0	20.71	17.41	18.84	22.37
γ 68.0	19.86	16.43	18.03	21.42
γ 69.0	18.88	15.75	17.15	20.53
γ 70.0	18.10	14.99	16.38	19.65
γ 71.0	17.35	14.10	15.70	18.84
γ 72.0	16.42	13.54	14.90	17.89
γ 73.0	15.65	12.81	14.08	17.12
γ 74.0	14.82	12.18	13.39	16.35
γ 75.0	14.18	11.56	12.69	15.50
γ 76.0	13.45	11.01	12.03	14.83
γ 77.0	12.78	10.34	11.39	14.08
γ 78.0	12.05	9.71	10.76	13.33
γ 79.0	11.47	9.16	10.18	12.69
γ 80.0	10.90	8.60	9.54	11.98
γ 81.0	10.35	8.13	9.02	11.30
γ 82.0	9.65	7.67	8.38	10.72
γ 83.0	9.20	7.13	7.91	10.12
γ 84.0	8.57	6.61	7.35	9.56
γ 85.0	8.07	6.19	6.87	8.96
γ 86.0	7.57	5.75	6.40	8.45
γ 87.0	7.07	5.27	5.94	7.92
γ 88.0	6.61	5.03	5.49	7.39
γ 89.0	6.16	4.90	5.14	6.87
γ 90.0	5.69	4.67	4.89	6.47
γ 91.0	5.61	4.65	4.71	5.92
γ 92.0	5.45	4.57	4.60	5.73
γ 93.0	5.32	4.45	4.40	5.45

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	5.13	4.27	4.38	5.29
γ 95.0	5.05	4.28	4.21	5.09
γ 96.0	4.93	4.20	4.02	4.99
γ 97.0	4.81	4.14	4.05	4.77
γ 98.0	4.67	4.01	3.95	4.69
γ 99.0	4.65	4.01	3.86	4.50
γ 100.0	4.51	3.89	3.68	4.44
γ 101.0	4.37	3.81	3.70	4.30
γ 102.0	4.35	3.69	3.71	4.24
γ 103.0	4.31	3.69	3.67	4.16
γ 104.0	4.20	3.67	3.63	4.05
γ 105.0	4.17	3.57	3.55	3.97
γ 106.0	4.05	3.45	3.52	3.89
γ 107.0	4.02	3.46	3.46	3.90
γ 108.0	3.92	3.44	3.43	3.82
γ 109.0	3.83	3.36	3.42	3.72
γ 110.0	3.84	3.35	3.44	3.69
γ 111.0	3.71	3.34	3.54	3.67
γ 112.0	3.72	3.23	3.58	3.64
γ 113.0	3.65	3.20	3.44	3.57
γ 114.0	3.60	3.14	3.56	3.54
γ 115.0	3.54	3.17	3.51	3.58
γ 116.0	3.56	3.13	3.52	3.57
γ 117.0	3.50	3.28	3.60	3.66
γ 118.0	3.40	3.21	3.57	3.62
γ 119.0	3.41	3.21	3.60	3.60
γ 120.0	3.44	3.22	3.72	3.60
γ 121.0	3.42	3.40	3.82	3.69
γ 122.0	3.42	3.35	3.88	3.64
γ 123.0	3.36	3.40	3.98	3.79
γ 124.0	3.41	3.57	4.09	3.83
γ 125.0	3.45	3.72	4.22	3.88
γ 126.0	3.60	3.90	4.37	4.02
γ 127.0	3.66	3.97	4.54	4.08
γ 128.0	3.73	4.23	4.74	4.18
γ 129.0	3.89	4.44	4.92	4.30
γ 130.0	4.13	4.75	5.20	4.52
γ 131.0	4.30	4.97	5.46	4.64
γ 132.0	4.46	5.27	5.70	4.94
γ 133.0	4.66	5.63	6.09	5.12
γ 134.0	5.00	5.97	6.37	5.38
γ 135.0	5.24	6.30	6.79	5.60
γ 136.0	5.63	6.63	7.11	5.95
γ 137.0	5.87	7.05	7.53	6.29
γ 138.0	6.25	7.41	7.96	6.57
γ 139.0	6.63	7.86	8.31	6.89
γ 140.0	7.05	8.28	8.70	7.32

Photometric Filename:TR04-25-XX-01 3000K RA90 24D.IES

V/H	C0. 0	C90. 0	C180. 0	C270. 0
γ 141. 0	7. 43	8. 63	9. 12	7. 66
γ 142. 0	7. 76	9. 08	9. 50	8. 06
γ 143. 0	8. 19	9. 42	9. 87	8. 38
γ 144. 0	8. 60	9. 81	10. 32	8. 80
γ 145. 0	8. 97	10. 17	10. 69	9. 18
γ 146. 0	9. 47	10. 56	10. 99	9. 60
γ 147. 0	9. 81	10. 86	11. 40	9. 98
γ 148. 0	10. 19	11. 16	11. 78	10. 42
γ 149. 0	10. 51	11. 46	12. 13	10. 77
γ 150. 0	10. 94	11. 78	12. 40	11. 14
γ 151. 0	11. 31	12. 04	12. 71	11. 40
γ 152. 0	11. 61	12. 28	12. 93	11. 66
γ 153. 0	11. 89	12. 44	13. 13	12. 00
γ 154. 0	12. 11	12. 77	13. 37	12. 26
γ 155. 0	12. 35	12. 83	13. 61	12. 52
γ 156. 0	12. 69	13. 13	13. 74	12. 80
γ 157. 0	12. 85	13. 18	13. 96	13. 01
γ 158. 0	13. 08	13. 30	14. 07	13. 16
γ 159. 0	13. 25	13. 42	14. 23	13. 34
γ 160. 0	13. 47	13. 56	14. 29	13. 45
γ 161. 0	13. 51	13. 56	14. 40	13. 60
γ 162. 0	13. 74	13. 70	14. 32	13. 70
γ 163. 0	13. 74	13. 75	14. 42	13. 79
γ 164. 0	13. 86	13. 74	14. 42	13. 87
γ 165. 0	13. 91	13. 77	14. 42	13. 94
γ 166. 0	13. 91	13. 77	14. 32	13. 97
γ 167. 0	13. 91	13. 69	14. 27	13. 95
γ 168. 0	13. 95	13. 72	14. 25	13. 89
γ 169. 0	13. 92	13. 65	14. 20	13. 92
γ 170. 0	13. 94	13. 64	14. 09	13. 91
γ 171. 0	13. 89	13. 62	14. 06	13. 91
γ 172. 0	13. 86	13. 55	13. 95	13. 85
γ 173. 0	13. 81	13. 67	13. 97	13. 83
γ 174. 0	13. 88	13. 64	13. 92	13. 76
γ 175. 0	13. 85	13. 69	13. 90	13. 82
γ 176. 0	13. 89	13. 73	13. 86	13. 82
γ 177. 0	13. 78	13. 85	13. 86	13. 90
γ 178. 0	13. 93	13. 85	13. 91	13. 84
γ 179. 0	13. 89	13. 90	13. 95	13. 81
γ 180. 0	13. 92	13. 92	13. 92	13. 92