

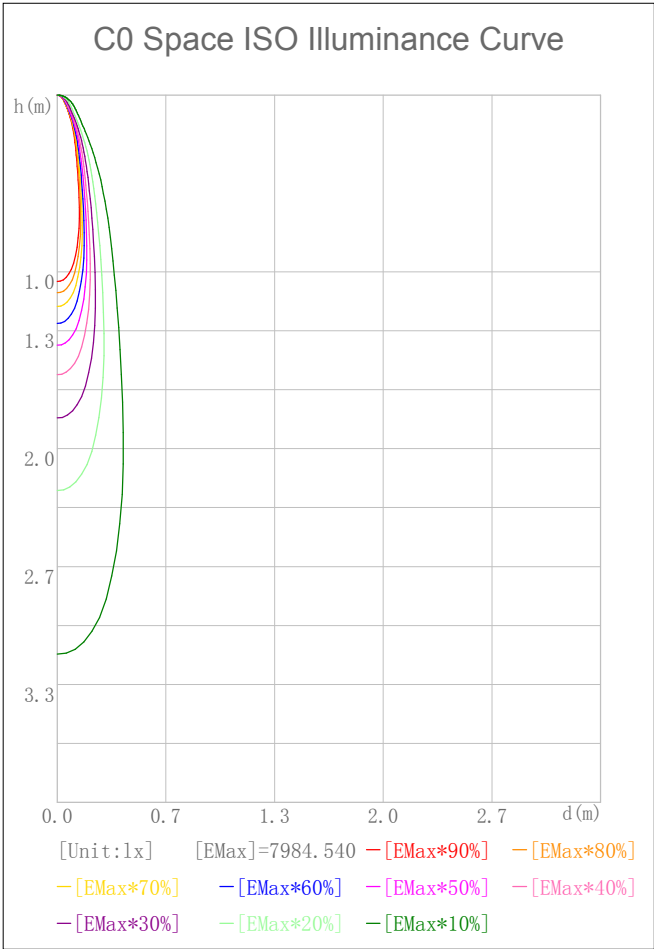
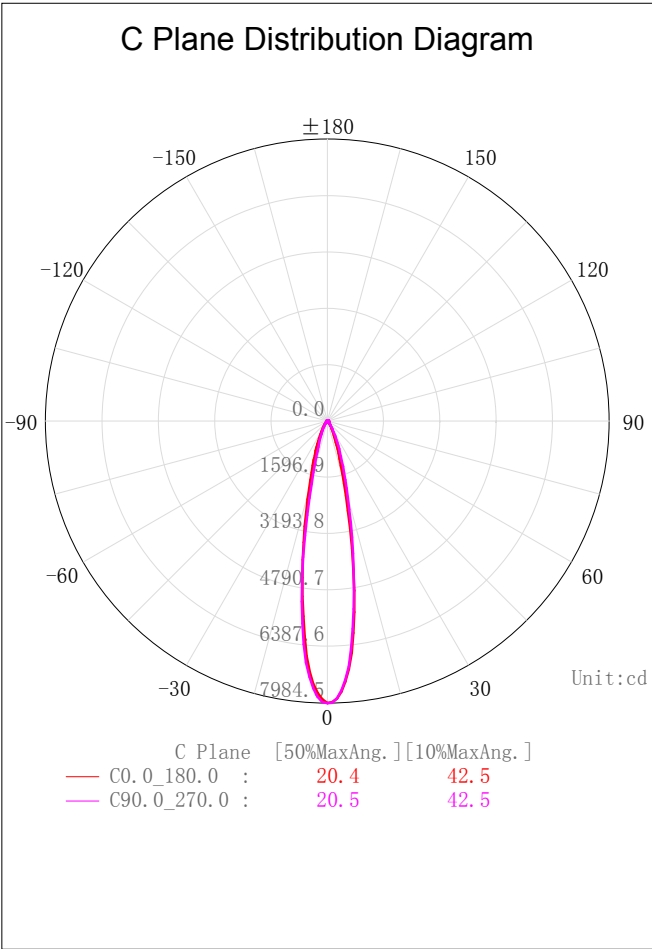
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR04-20-XX-01 4000K RA90 18D IES		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

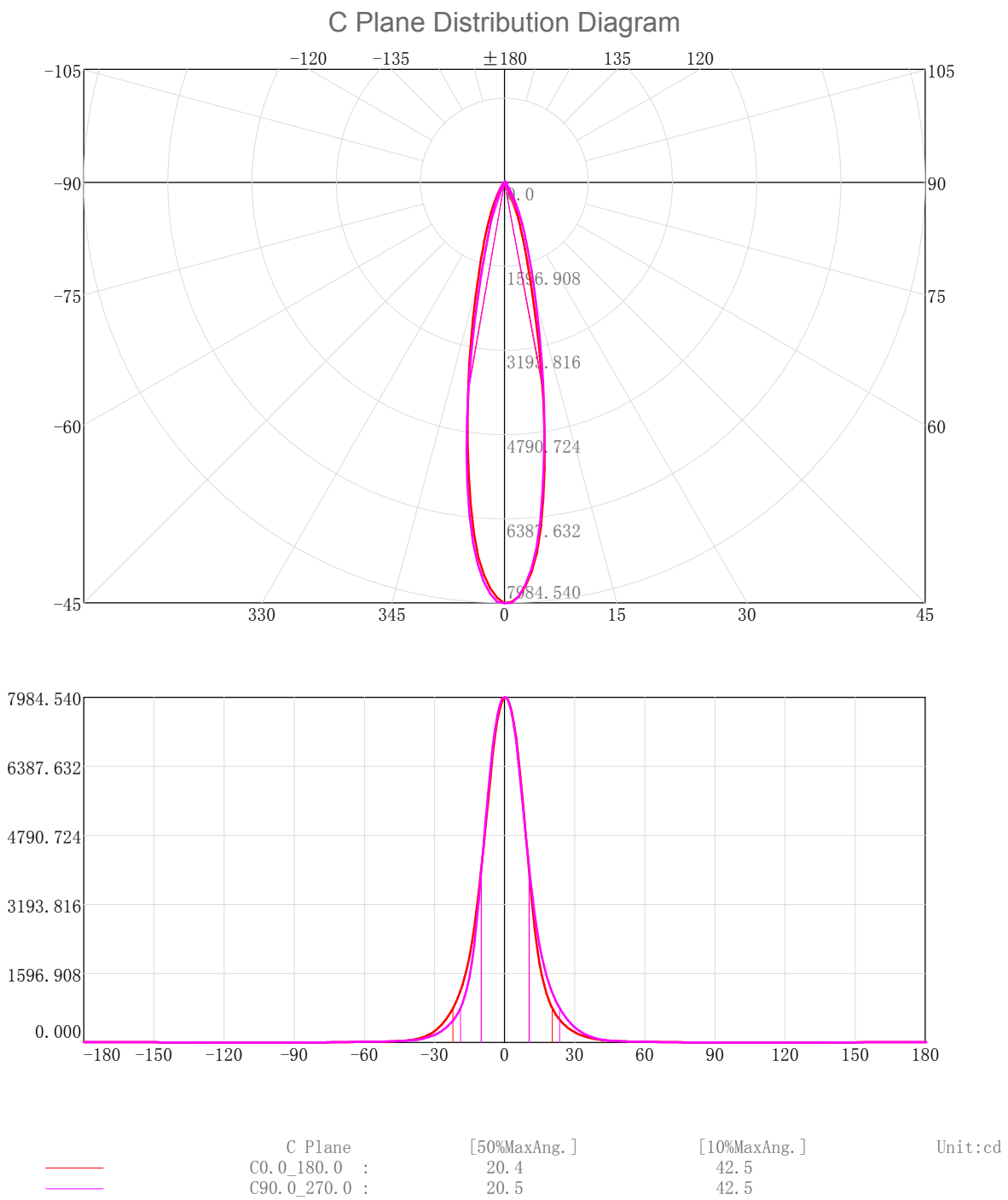
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1559.910	Luminary Flux(lm): 1559.911	Field Angle(10%Imax): 42.5(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1533.202lm 98.29%	
Rated Voltage(V):	Luminary EER(lm/W): 79.385	Up Lumens&Percent: 26.709lm 1.71%	
Tested Power(W): 19.650	Max. Candela(cd): 7984.540	S/MH: C0_a180=0.349 C90_270=0.350	
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=0.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):239.5, 0.084, 0.977		ErP Φuse(90°): 1502.489lm	
Lamp Size(W*L*H):0.060m*0.060m*0.250m		IRF(%): 1113.605	
		Left=-10.0°, Right=10.5°	



2D Plane Light Intensity Distribution Curve

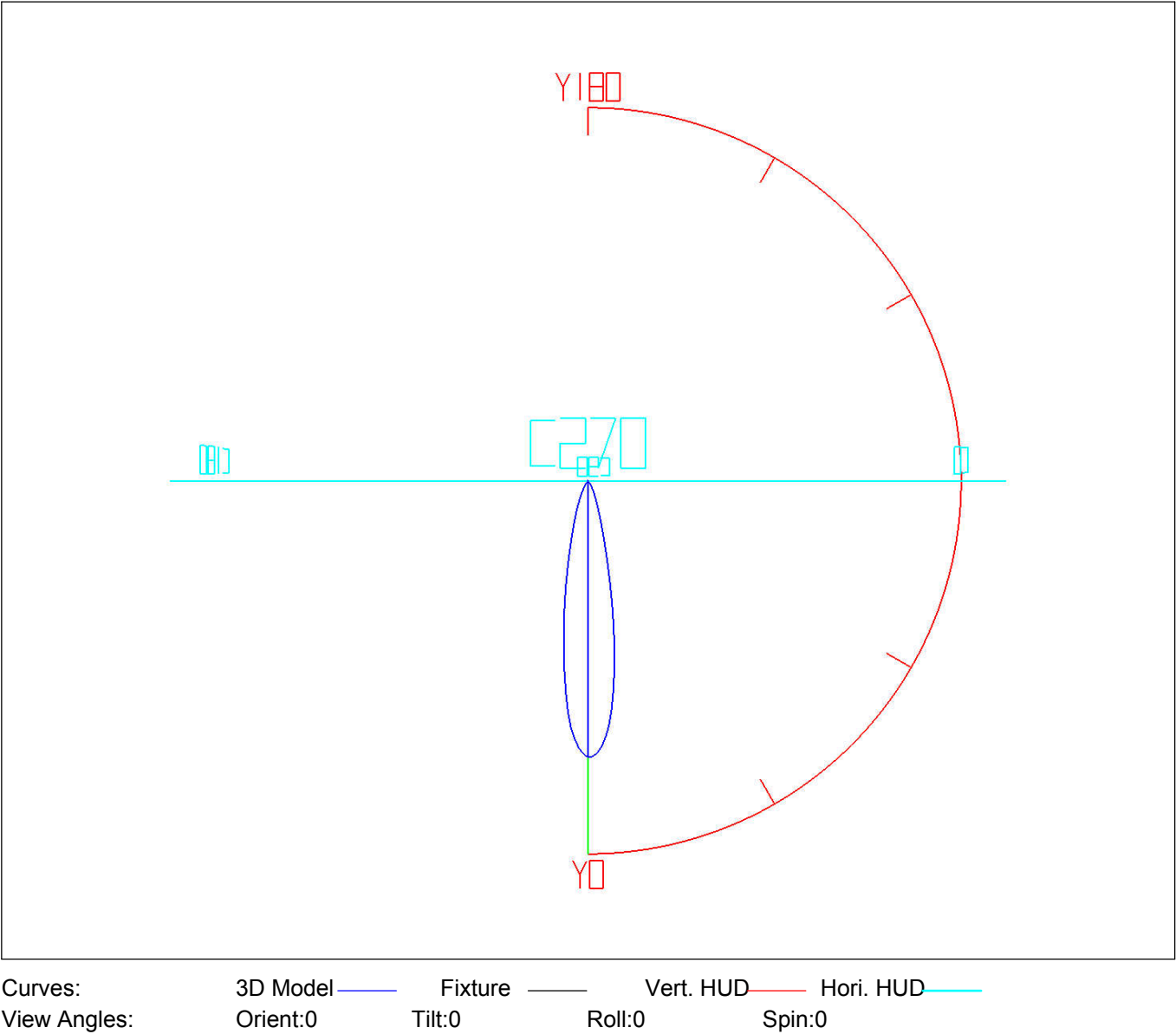
Lum. Name:TR04-20-XX-01 4000K RA90 18D IES	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/05



3D Light Intensity Distribution Modal

Lum. Name:TR04-20-XX-01 4000K RA90 18D IES	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



Photometric Filename:TR04-20-XX-01 4000K RA90 18D IES.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	7.62	7.62	0.49	0.49	47.0–48.0	2.89	1473.86	0.19	94.48
1.0–2.0	22.61	30.23	1.45	1.94	48.0–49.0	2.74	1476.60	0.18	94.66
2.0–3.0	36.81	67.04	2.36	4.30	49.0–50.0	2.61	1479.20	0.17	94.83
3.0–4.0	49.76	116.80	3.19	7.49	50.0–51.0	2.51	1481.71	0.16	94.99
4.0–5.0	60.97	177.77	3.91	11.40	51.0–52.0	2.43	1484.14	0.16	95.14
5.0–6.0	69.80	247.57	4.47	15.87	52.0–53.0	2.35	1486.49	0.15	95.29
6.0–7.0	75.83	323.40	4.86	20.73	53.0–54.0	2.27	1488.76	0.15	95.44
7.0–8.0	79.32	402.73	5.09	25.82	54.0–55.0	2.21	1490.97	0.14	95.58
8.0–9.0	80.55	483.27	5.16	30.98	55.0–56.0	2.15	1493.13	0.14	95.72
9.0–10.0	79.66	562.93	5.11	36.09	56.0–57.0	2.10	1495.22	0.13	95.85
10.0–11.0	76.89	639.82	4.93	41.02	57.0–58.0	2.04	1497.27	0.13	95.98
11.0–12.0	72.58	712.39	4.65	45.67	58.0–59.0	1.99	1499.25	0.13	96.11
12.0–13.0	67.31	779.71	4.32	49.98	59.0–60.0	1.93	1501.19	0.12	96.24
13.0–14.0	61.81	841.51	3.96	53.95	60.0–61.0	1.88	1503.06	0.12	96.36
14.0–15.0	56.58	898.09	3.63	57.57	61.0–62.0	1.82	1504.88	0.12	96.47
15.0–16.0	51.82	949.92	3.32	60.90	62.0–63.0	1.76	1506.64	0.11	96.59
16.0–17.0	47.50	997.42	3.05	63.94	63.0–64.0	1.70	1508.34	0.11	96.69
17.0–18.0	43.60	1041.01	2.79	66.74	64.0–65.0	1.64	1509.98	0.10	96.80
18.0–19.0	40.08	1081.10	2.57	69.31	65.0–66.0	1.57	1511.55	0.10	96.90
19.0–20.0	36.92	1118.02	2.37	71.67	66.0–67.0	1.51	1513.06	0.10	97.00
20.0–21.0	34.07	1152.09	2.18	73.86	67.0–68.0	1.44	1514.50	0.09	97.09
21.0–22.0	31.45	1183.53	2.02	75.87	68.0–69.0	1.38	1515.88	0.09	97.18
22.0–23.0	28.99	1212.53	1.86	77.73	69.0–70.0	1.32	1517.20	0.08	97.26
23.0–24.0	26.67	1239.20	1.71	79.44	70.0–71.0	1.26	1518.47	0.08	97.34
24.0–25.0	24.45	1263.65	1.57	81.01	71.0–72.0	1.21	1519.67	0.08	97.42
25.0–26.0	22.33	1285.98	1.43	82.44	72.0–73.0	1.15	1520.82	0.07	97.49
26.0–27.0	20.33	1306.31	1.30	83.74	73.0–74.0	1.10	1521.92	0.07	97.56
27.0–28.0	18.48	1324.79	1.18	84.93	74.0–75.0	1.04	1522.96	0.07	97.63
28.0–29.0	16.77	1341.56	1.08	86.00	75.0–76.0	0.99	1523.96	0.06	97.70
29.0–30.0	15.17	1356.73	0.97	86.97	76.0–77.0	0.94	1524.90	0.06	97.76
30.0–31.0	13.67	1370.40	0.88	87.85	77.0–78.0	0.90	1525.80	0.06	97.81
31.0–32.0	12.29	1382.69	0.79	88.64	78.0–79.0	0.85	1526.64	0.05	97.87
32.0–33.0	11.04	1393.73	0.71	89.35	79.0–80.0	0.80	1527.45	0.05	97.92
33.0–34.0	9.89	1403.62	0.63	89.98	80.0–81.0	0.76	1528.21	0.05	97.97
34.0–35.0	8.86	1412.47	0.57	90.55	81.0–82.0	0.71	1528.92	0.05	98.01
35.0–36.0	7.93	1420.41	0.51	91.06	82.0–83.0	0.67	1		

IES Indoor Report

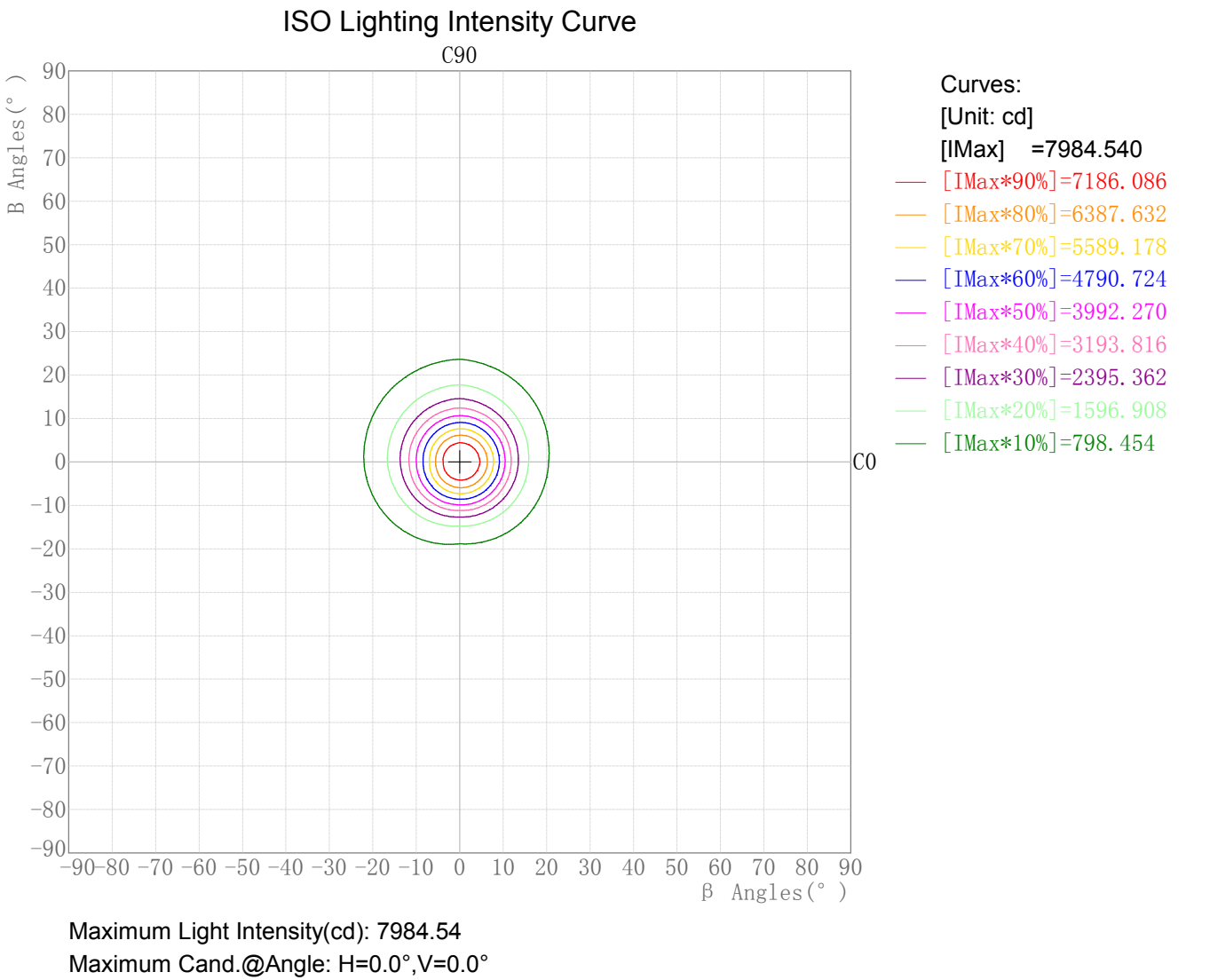
Photometric Filename:TR04-20-XX-01 4000K RA90 18D IES.IES

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. 33	1535. 01	0. 02	98. 40	141. 0-142. 0	0. 43	1546. 90	0. 03	99. 17
95. 0-96. 0	0. 32	1535. 33	0. 02	98. 42	142. 0-143. 0	0. 45	1547. 35	0. 03	99. 19
96. 0-97. 0	0. 31	1535. 64	0. 02	98. 44	143. 0-144. 0	0. 47	1547. 82	0. 03	99. 22
97. 0-98. 0	0. 30	1535. 94	0. 02	98. 46	144. 0-145. 0	0. 48	1548. 30	0. 03	99. 26
98. 0-99. 0	0. 29	1536. 23	0. 02	98. 48	145. 0-146. 0	0. 49	1548. 79	0. 03	99. 29
99. 0-100. 0	0. 28	1536. 50	0. 02	98. 50	146. 0-147. 0	0. 50	1549. 29	0. 03	99. 32
100. 0-101. 0	0. 27	1536. 77	0. 02	98. 52	147. 0-148. 0	0. 51	1549. 80	0. 03	99. 35
101. 0-102. 0	0. 26	1537. 03	0. 02	98. 53	148. 0-149. 0	0. 52	1550. 32	0. 03	99. 39
102. 0-103. 0	0. 25	1537. 28	0. 02	98. 55	149. 0-150. 0	0. 52	1550. 84	0. 03	99. 42
103. 0-104. 0	0. 25	1537. 53	0. 02	98. 57	150. 0-151. 0	0. 52	1551. 35	0. 03	99. 45
104. 0-105. 0	0. 24	1537. 77	0. 02	98. 58	151. 0-152. 0	0. 51	1551. 87	0. 03	99. 48
105. 0-106. 0	0. 23	1538. 00	0. 02	98. 60	152. 0-153. 0	0. 51	1552. 38	0. 03	99. 52
106. 0-107. 0	0. 23	1538. 24	0. 01	98. 61	153. 0-154. 0	0. 50	1552. 88	0. 03	99. 55
107. 0-108. 0	0. 23	1538. 47	0. 01	98. 63	154. 0-155. 0	0. 49	1553. 37	0. 03	99. 58
108. 0-109. 0	0. 22	1538. 69	0. 01	98. 64	155. 0-156. 0	0. 48	1553. 85	0. 03	99. 61
109. 0-110. 0	0. 22	1538. 91	0. 01	98. 65	156. 0-157. 0	0. 47	1554. 32	0. 03	99. 64
110. 0-111. 0	0. 22	1539. 13	0. 01	98. 67	157. 0-158. 0	0. 46	1554. 78	0. 03	99. 67
111. 0-112. 0	0. 21	1539. 34	0. 01	98. 68	158. 0-159. 0	0. 44	1555. 22	0. 03	99. 70
112. 0-113. 0	0. 21	1539. 55	0. 01	98. 69	159. 0-160. 0	0. 42	1555. 64	0. 03	99. 73
113. 0-114. 0	0. 20	1539. 76	0. 01	98. 71	160. 0-161. 0	0. 41	1556. 05	0. 03	99. 75
114. 0-115. 0	0. 20	1539. 96	0. 01	98. 72	161. 0-162. 0	0. 39	1556. 44	0. 03	99. 78
115. 0-116. 0	0. 20	1540. 15	0. 01	98. 73	162. 0-163. 0	0. 37	1556. 81	0. 02	99. 80
116. 0-117. 0	0. 19	1540. 34	0. 01	98. 75	163. 0-164. 0	0. 35	1557. 16	0. 02	99. 82
117. 0-118. 0	0. 19	1540. 53	0. 01	98. 76	164. 0-165. 0	0. 33	1557. 50	0. 02	99. 85
118. 0-119. 0	0. 19	1540. 72	0. 01	98. 77	165. 0-166. 0	0. 31	1557. 81	0. 02	99. 87
119. 0-120. 0	0. 19	1540. 91	0. 01	98. 78	166. 0-167. 0	0. 29	1558. 10	0. 02	99. 88
120. 0-121. 0	0. 19	1541. 10	0. 01	98. 79	167. 0-168. 0	0. 27	1558. 37	0. 02	99. 90
121. 0-122. 0	0. 19	1541. 29	0. 01	98. 81	168. 0-169. 0	0. 25	1558. 62	0. 02	99. 92
122. 0-123. 0	0. 19	1541. 48	0. 01	98. 82	169. 0-170. 0	0. 23	1558. 85	0. 01	99. 93
123. 0-124. 0	0. 19	1541. 67	0. 01	98. 83	170. 0-171. 0	0. 20	1559. 05	0. 01	99. 95
124. 0-125. 0	0. 20	1541. 87	0. 01	98. 84	171. 0-172. 0	0. 18	1559. 24	0. 01	99. 96
125. 0-126. 0	0. 20	1542. 07	0. 01	98. 86	172. 0-173. 0	0. 16	1559. 40	0. 01	99. 97
126. 0-127. 0	0. 21	1542. 27	0. 01	98. 87	173. 0-174. 0	0. 14	1559. 53	0. 01	99. 98
127. 0-128. 0	0. 21	1542. 49	0. 01	98. 88	174. 0-175. 0	0. 12	1559. 65	0. 01	99. 98
128. 0-129. 0	0. 22	1542. 71	0. 01	98. 90	175. 0-176. 0	0. 09	1559. 74	0. 01	99. 99
129. 0-130. 0	0. 23	1542. 94	0. 01	98. 91	176. 0-177. 0	0. 07	1559. 82	0. 00	99. 99
130. 0-131. 0	0. 24	1543. 18	0. 02	98. 93	177. 0-178. 0	0. 05	1559. 87	0. 00	100. 00
131. 0-132. 0	0. 25	1543. 44	0. 02	98. 94	178. 0-179. 0	0. 03	1559. 90	0. 00	100. 00
132. 0-133. 0	0. 27	1543. 70	0. 02	98. 96	179. 0-180. 0	0. 01	1559. 91	0. 00	100. 00
133. 0-134. 0	0. 28	1543. 99	0. 02	98. 98					
134. 0-135. 0	0. 30	1544. 28	0. 02	99. 00					
135. 0-136. 0	0. 32	1544. 60	0. 02	99. 02					
136. 0-137. 0	0. 34	1544. 94	0. 02	99. 04					
137. 0-138. 0	0. 35	1545. 29	0. 02	99. 06					
138. 0-139. 0	0. 37	1545. 66	0. 02	99. 09					
139. 0-140. 0	0. 39	1546. 06	0. 03	99. 11					
140. 0-141. 0	0. 41	1546. 47	0. 03	99. 14					

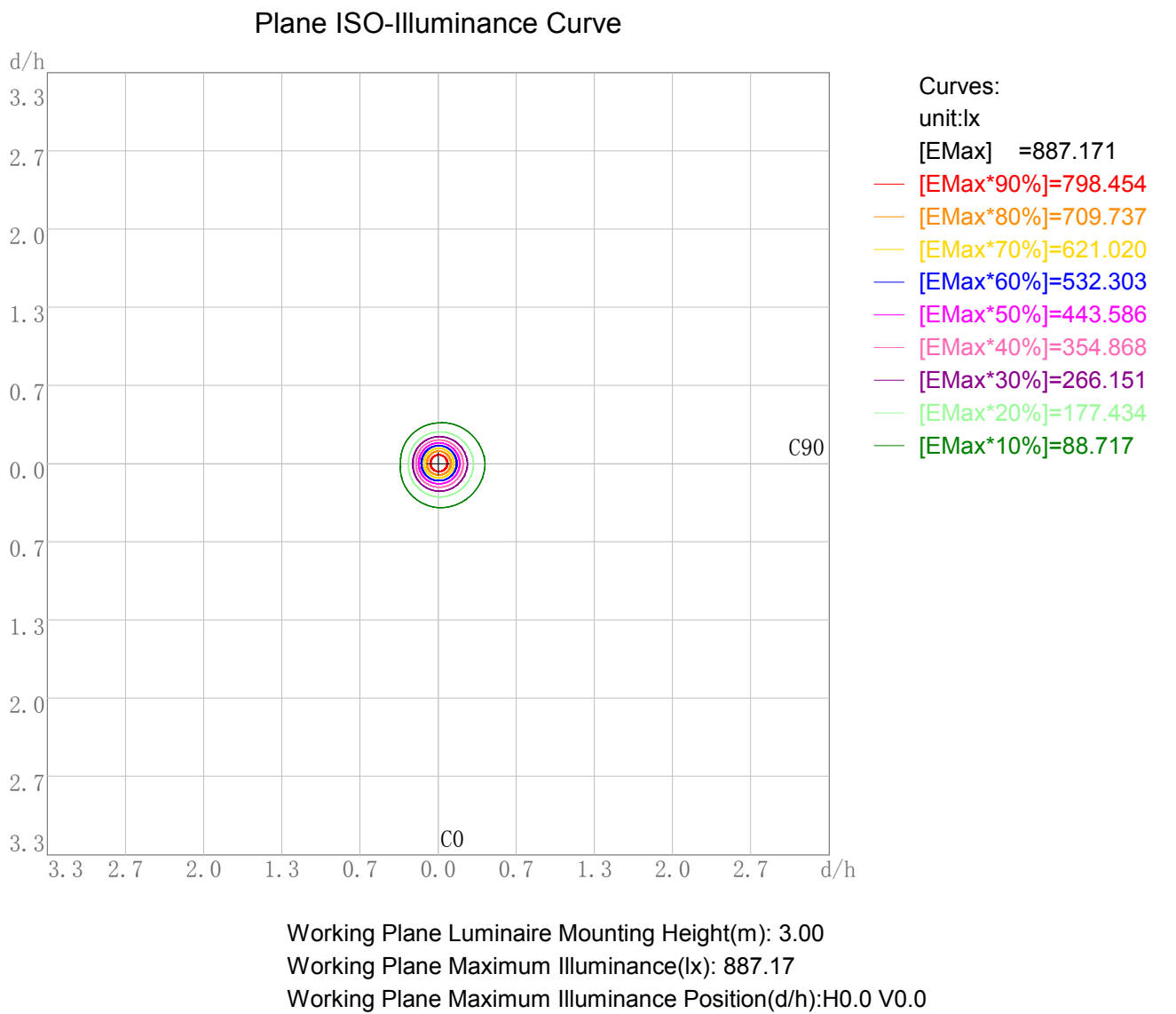
Rectangle ISO Lighting Intensity Diagram

Lum. Name:TR04-20-XX-01 4000K RA90 18D IES	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

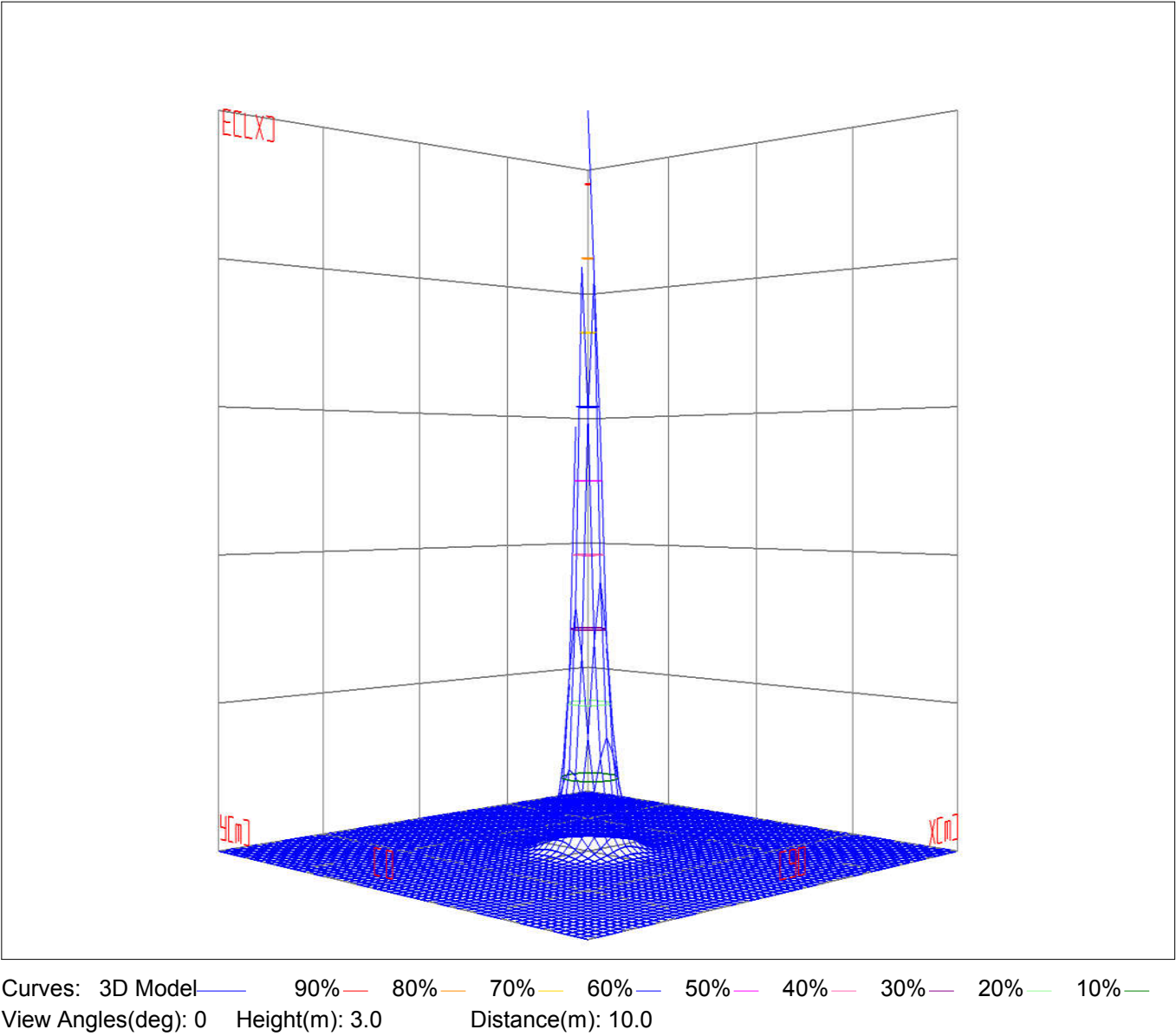
Lum. Name:TR04-20-XX-01 4000K RA90 18D IES	Lum. Catelog:	Test ID:QIU MEI
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/09/05



3D Plane ISO Illuminance Diagram

Lum. Name:TR04-20-XX-01 4000K RA90 18D IES	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

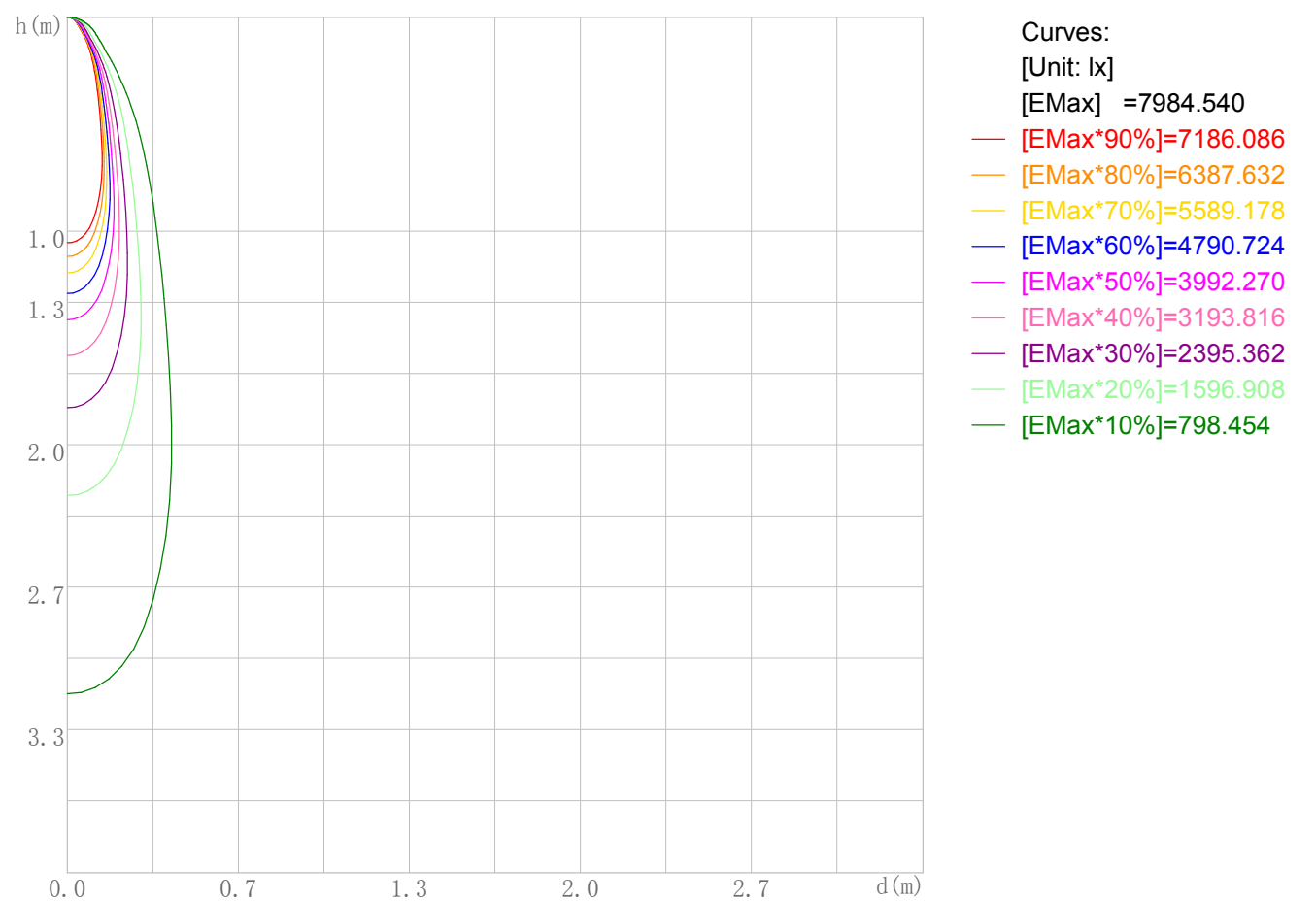
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name:TR04-20-XX-01 4000K RA90 18D IES	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

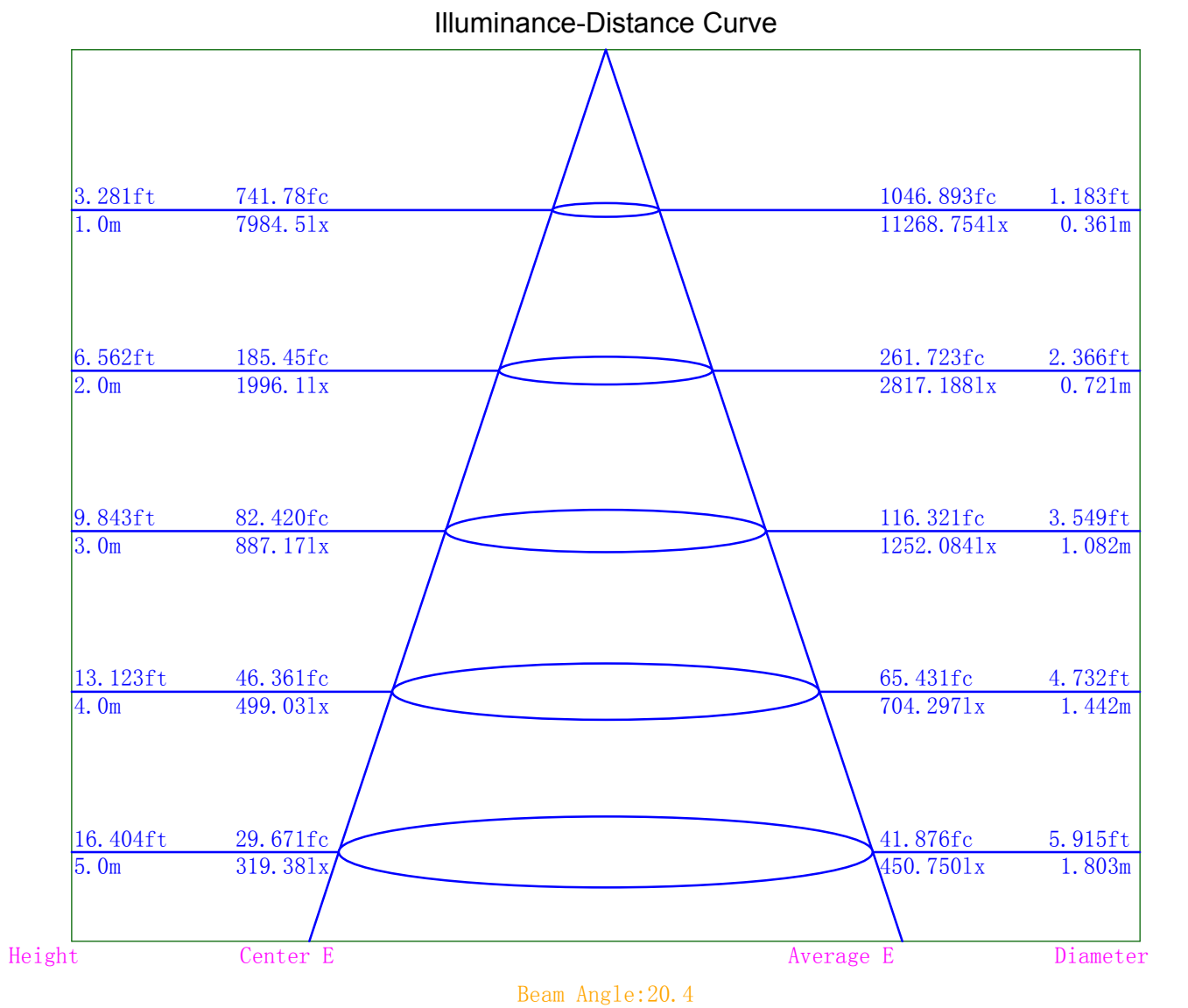
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:7984.54lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:7984.540cd,0eg

Illuminance-Distance Diagram

Lum. Name:TR04-20-XX-01 4000K RA90 18D IES	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 4000K RA90 18D IES	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

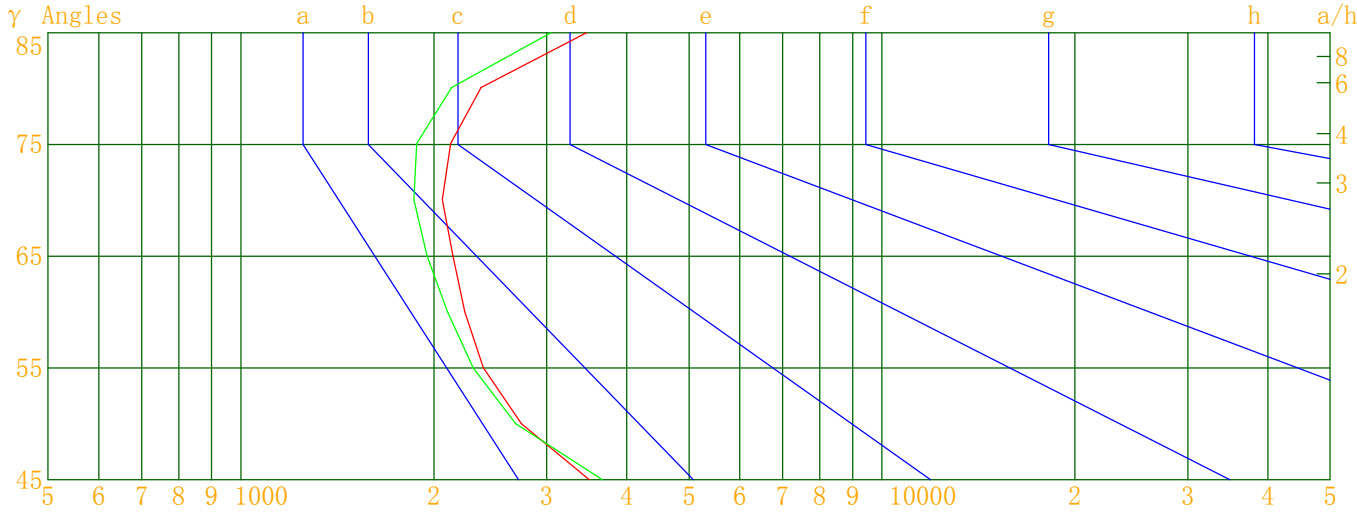
Glare Grade Table

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	3497	2737	2388	2235	2141	2063	2124	2368	3457
C90	3663	2684	2303	2100	1951	1861	1881	2132	3045

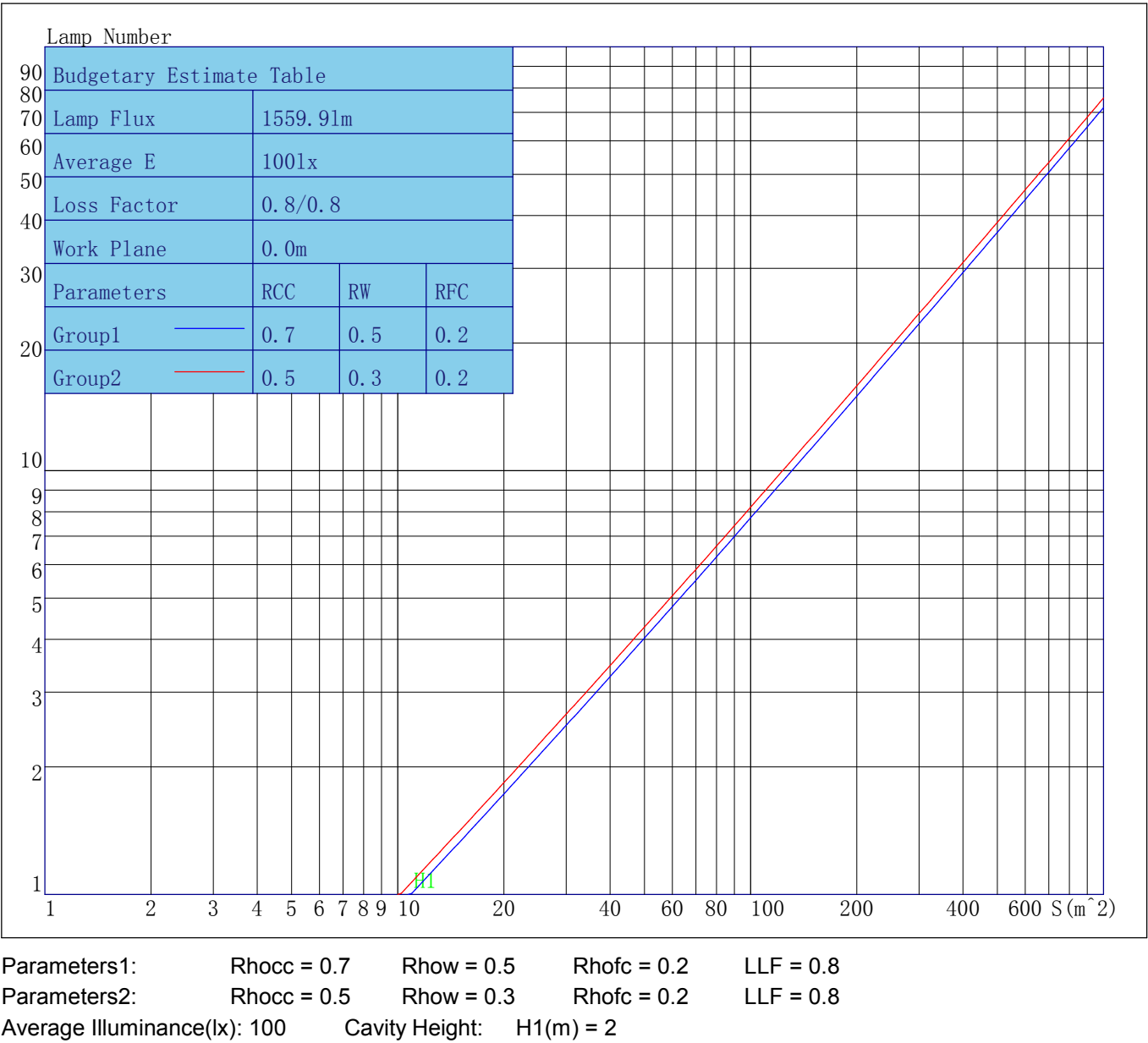
Luminance Limiting Curve



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 4000K RA90 18D IES	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 4000K RA90 18D IES	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	112	109	108	111	109	107	106	105	104	102	101	100	99	97	96	96	94
2	110	106	102	100	107	104	101	98	100	98	96	97	95	94	94	93	91	90
3	106	101	97	93	104	99	95	93	96	93	91	94	91	89	91	89	88	86
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	86	84	83
5	99	92	88	84	97	91	87	84	89	86	83	88	85	82	86	84	81	80
6	96	89	84	81	94	88	84	81	86	83	80	85	82	79	84	81	79	78
7	93	86	81	78	91	85	81	78	84	80	77	83	79	77	81	78	76	75
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73
9	87	80	76	73	86	80	76	73	79	75	72	78	75	72	77	74	72	71
10	85	78	74	71	84	78	73	71	77	73	70	76	73	70	75	72	70	69

Unified Glare Rating Table

Lum. Name: TR04-20-XX-01 4000K RA90 18D IES	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	9.7	10.6	10.1	11.0	11.4	10.5	11.4	10.9	11.7	12.1
	Y=3H	10.6	11.4	11.0	11.8	12.2	11.0	11.8	11.4	12.2	12.6
	Y=4H	11.1	11.8	11.5	12.2	12.6	11.3	12.1	11.8	12.5	12.9
	Y=6H	11.6	12.2	12.0	12.6	13.1	11.7	12.3	12.1	12.8	13.2
	Y=8H	11.8	12.4	12.3	12.9	13.3	11.9	12.5	12.4	12.9	13.4
	Y=12H	12.1	12.7	12.6	13.1	13.6	12.1	12.7	12.6	13.1	13.6
X=4H	Y=2H	10.0	10.7	10.4	11.1	11.5	10.6	11.3	11.0	11.7	12.1
	Y=3H	11.1	11.6	11.5	12.1	12.5	11.3	11.9	11.8	12.4	12.8
	Y=4H	11.7	12.2	12.2	12.7	13.1	11.8	12.3	12.3	12.8	13.3
	Y=6H	12.4	12.8	12.9	13.3	13.8	12.3	12.8	12.8	13.2	13.8
	Y=8H	12.7	13.1	13.2	13.6	14.1	12.6	13.0	13.1	13.5	14.0
	Y=12H	13.1	13.5	13.7	14.0	14.5	13.0	13.3	13.5	13.8	14.3
X=8H	Y=4H	11.9	12.3	12.4	12.8	13.3	11.9	12.3	12.5	12.8	13.3
	Y=6H	12.8	13.1	13.3	13.6	14.1	12.7	13.0	13.2	13.5	14.1
	Y=8H	13.3	13.5	13.8	14.1	14.6	13.1	13.4	13.7	13.9	14.4
	Y=12H	13.9	14.1	14.4	14.6	15.3	13.6	13.8	14.2	14.4	15.0
X=12H	Y=4H	11.9	12.2	12.4	12.7	13.3	11.9	12.3	12.5	12.8	13.3
	Y=6H	12.8	13.1	13.4	13.6	14.2	12.7	13.0	13.3	13.5	14.1
	Y=8H	13.4	13.7	14.0	14.2	14.8	13.2	13.5	13.8	14.0	14.6
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		0.5/-0.5					0.5/-0.6				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		2.8					2.3				

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

Photometric Filename:TR04-20-XX-01 4000K RA90 18D IES.IES

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	7984.54	7984.54	7984.54	7984.54
γ 1.0	7961.88	7979.27	7881.09	7957.89
γ 2.0	7858.88	7852.64	7710.06	7809.71
γ 3.0	7668.41	7636.13	7458.59	7574.30
γ 4.0	7400.06	7342.07	7123.91	7259.03
γ 5.0	7050.26	6969.63	6679.88	6864.13
γ 6.0	6594.06	6476.73	6133.66	6355.95
γ 7.0	6042.77	5929.39	5569.61	5767.88
γ 8.0	5468.42	5377.16	5020.02	5159.04
γ 9.0	4868.33	4837.89	4487.01	4536.41
γ 10.0	4263.73	4316.29	3983.33	3915.08
γ 11.0	3670.59	3824.41	3502.88	3304.22
γ 12.0	3106.09	3366.77	3051.30	2730.66
γ 13.0	2603.68	2949.34	2643.18	2236.99
γ 14.0	2180.78	2579.99	2289.21	1831.91
γ 15.0	1834.82	2261.52	1989.13	1518.39
γ 16.0	1553.78	1985.34	1735.56	1268.04
γ 17.0	1323.24	1749.95	1517.31	1067.68
γ 18.0	1133.03	1546.15	1332.51	906.70
γ 19.0	976.81	1369.91	1171.86	778.71
γ 20.0	848.17	1216.76	1032.83	674.43
γ 21.0	741.73	1083.08	911.43	588.18
γ 22.0	651.41	965.12	803.79	514.56
γ 23.0	573.49	858.90	707.59	452.33
γ 24.0	505.67	763.51	621.00	397.54
γ 25.0	446.54	676.80	542.53	348.37
γ 26.0	394.98	597.47	472.76	304.04
γ 27.0	350.00	527.16	411.56	265.44
γ 28.0	310.35	464.97	357.64	232.48
γ 29.0	275.56	409.87	309.92	203.32
γ 30.0	243.74	359.96	267.19	177.79
γ 31.0	215.30	315.36	229.85	155.39
γ 32.0	190.31	276.20	197.85	135.93
γ 33.0	168.16	240.79	170.21	119.03
γ 34.0	149.32	209.12	146.62	104.21
γ 35.0	132.29	181.28	126.52	91.38
γ 36.0	117.56	157.08	109.56	80.80
γ 37.0	104.54	136.73	94.85	72.45
γ 38.0	93.12	119.06	82.61	65.26
γ 39.0	83.18	103.48	72.11	59.29
γ 40.0	74.29	89.41	62.74	53.84
γ 41.0	66.43	76.99	54.62	49.27
γ 42.0	59.67	66.70	48.32	45.35
γ 43.0	54.12	58.79	43.67	42.17
γ 44.0	49.74	52.81	40.21	39.62
γ 45.0	45.99	48.17	37.53	37.45
γ 46.0	42.77	44.33	35.27	35.45

IES Indoor Report
Photometric Filename:TR04-20-XX-01 4000K RA90 18D IES.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	39.99	40.97	33.11	33.65
γ 48.0	37.35	37.60	30.97	32.01
γ 49.0	34.80	34.43	28.91	30.42
γ 50.0	32.72	32.09	27.61	29.14
γ 51.0	31.00	30.22	26.52	28.11
γ 52.0	29.34	28.60	25.41	26.98
γ 53.0	27.94	27.10	24.39	25.98
γ 54.0	26.54	25.79	23.49	25.14
γ 55.0	25.48	24.57	22.77	24.41
γ 56.0	24.43	23.46	22.05	23.53
γ 57.0	23.42	22.45	21.32	22.79
γ 58.0	22.49	21.42	20.67	22.12
γ 59.0	21.62	20.41	19.94	21.40
γ 60.0	20.78	19.53	19.22	20.67
γ 61.0	19.98	18.68	18.50	19.91
γ 62.0	19.11	17.78	17.76	19.18
γ 63.0	18.38	17.02	17.10	18.48
γ 64.0	17.65	16.24	16.29	17.67
γ 65.0	16.83	15.33	15.55	16.83
γ 66.0	15.98	14.54	14.80	15.98
γ 67.0	15.35	13.79	14.06	15.23
γ 68.0	14.50	13.06	13.43	14.57
γ 69.0	13.80	12.42	12.68	13.80
γ 70.0	13.12	11.84	12.06	13.10
γ 71.0	12.52	11.23	11.46	12.47
γ 72.0	11.82	10.67	10.89	11.84
γ 73.0	11.27	10.11	10.24	11.21
γ 74.0	10.75	9.53	9.73	10.59
γ 75.0	10.23	9.05	9.18	10.02
γ 76.0	9.60	8.53	8.70	9.47
γ 77.0	9.13	8.12	8.24	8.92
γ 78.0	8.60	7.67	7.74	8.50
γ 79.0	8.14	7.26	7.36	7.96
γ 80.0	7.65	6.89	6.90	7.51
γ 81.0	7.20	6.45	6.50	7.01
γ 82.0	6.81	6.02	6.13	6.58
γ 83.0	6.45	5.68	5.72	6.19
γ 84.0	6.05	5.32	5.32	5.76
γ 85.0	5.60	4.94	4.97	5.29
γ 86.0	5.22	4.63	4.62	4.91
γ 87.0	4.88	4.36	4.25	4.55
γ 88.0	4.51	3.99	3.90	4.11
γ 89.0	4.20	3.76	3.61	3.84
γ 90.0	3.91	3.54	3.52	3.57
γ 91.0	3.81	3.45	3.37	3.46
γ 92.0	3.71	3.40	3.05	3.33
γ 93.0	3.55	3.18	3.06	3.16

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	3.39	3.10	2.86	3.09
γ 95.0	3.28	3.03	2.75	2.86
γ 96.0	3.27	2.89	2.51	2.76
γ 97.0	3.13	2.85	2.55	2.65
γ 98.0	3.02	2.78	2.38	2.58
γ 99.0	2.99	2.70	2.33	2.45
γ 100.0	2.94	2.62	2.21	2.27
γ 101.0	2.82	2.53	2.18	2.29
γ 102.0	2.80	2.47	2.08	2.27
γ 103.0	2.71	2.43	2.05	2.09
γ 104.0	2.64	2.40	2.04	2.07
γ 105.0	2.61	2.28	1.96	2.08
γ 106.0	2.60	2.25	1.99	2.01
γ 107.0	2.51	2.35	1.96	2.06
γ 108.0	2.49	2.21	1.97	2.06
γ 109.0	2.43	2.19	1.91	1.95
γ 110.0	2.39	2.18	1.92	2.04
γ 111.0	2.36	2.12	1.96	1.97
γ 112.0	2.25	2.11	1.90	2.05
γ 113.0	2.15	2.05	1.93	2.03
γ 114.0	2.22	1.94	1.96	1.98
γ 115.0	2.13	1.84	1.93	2.06
γ 116.0	2.07	1.88	1.91	2.05
γ 117.0	2.03	1.71	1.99	1.99
γ 118.0	2.06	1.78	1.99	2.06
γ 119.0	1.89	1.68	2.06	2.16
γ 120.0	1.89	1.69	2.12	2.18
γ 121.0	1.95	1.63	2.16	2.26
γ 122.0	1.91	1.62	2.24	2.31
γ 123.0	1.90	1.74	2.28	2.40
γ 124.0	1.96	1.78	2.32	2.56
γ 125.0	1.99	1.74	2.43	2.65
γ 126.0	2.13	1.81	2.59	2.72
γ 127.0	2.14	1.83	2.71	2.83
γ 128.0	2.31	1.91	2.84	3.09
γ 129.0	2.35	2.10	2.93	3.22
γ 130.0	2.53	2.18	3.12	3.40
γ 131.0	2.69	2.37	3.31	3.57
γ 132.0	2.97	2.50	3.51	3.79
γ 133.0	3.12	2.72	3.71	4.11
γ 134.0	3.39	2.91	4.04	4.37
γ 135.0	3.69	3.15	4.37	4.67
γ 136.0	3.98	3.40	4.71	4.96
γ 137.0	4.30	3.73	5.13	5.36
γ 138.0	4.59	4.06	5.44	5.68
γ 139.0	4.90	4.34	5.87	6.10
γ 140.0	5.34	4.77	6.26	6.54

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	5.74	5.20	6.63	6.93
γ 142.0	6.15	5.60	7.13	7.30
γ 143.0	6.54	6.02	7.50	7.76
γ 144.0	6.97	6.34	7.90	8.10
γ 145.0	7.39	6.78	8.35	8.49
γ 146.0	7.75	7.17	8.67	8.77
γ 147.0	8.14	7.56	9.00	9.22
γ 148.0	8.50	7.96	9.34	9.51
γ 149.0	8.87	8.27	9.71	9.82
γ 150.0	9.30	8.64	9.92	10.03
γ 151.0	9.51	8.90	10.19	10.27
γ 152.0	9.79	9.11	10.43	10.46
γ 153.0	10.05	9.43	10.55	10.62
γ 154.0	10.29	9.60	10.76	10.74
γ 155.0	10.50	9.77	10.94	10.83
γ 156.0	10.60	9.95	11.13	11.02
γ 157.0	10.77	10.13	11.25	11.00
γ 158.0	10.90	10.37	11.34	11.11
γ 159.0	11.01	10.37	11.45	11.08
γ 160.0	11.11	10.57	11.46	11.21
γ 161.0	11.17	10.67	11.61	11.30
γ 162.0	11.25	10.76	11.71	11.20
γ 163.0	11.36	10.89	11.74	11.25
γ 164.0	11.35	11.01	11.78	11.24
γ 165.0	11.35	11.09	11.85	11.38
γ 166.0	11.41	11.20	11.75	11.26
γ 167.0	11.34	11.23	11.78	11.21
γ 168.0	11.41	11.30	11.75	11.13
γ 169.0	11.40	11.21	11.77	11.15
γ 170.0	11.27	11.21	11.68	11.06
γ 171.0	11.31	11.22	11.57	11.00
γ 172.0	11.20	11.18	11.48	10.98
γ 173.0	11.15	11.12	11.38	10.90
γ 174.0	11.08	10.99	11.32	10.86
γ 175.0	11.02	10.98	11.17	10.85
γ 176.0	10.92	10.91	11.02	10.73
γ 177.0	10.88	10.89	10.93	10.88
γ 178.0	10.89	10.92	10.85	10.84
γ 179.0	10.82	10.86	10.90	10.79
γ 180.0	10.87	10.87	10.87	10.87