

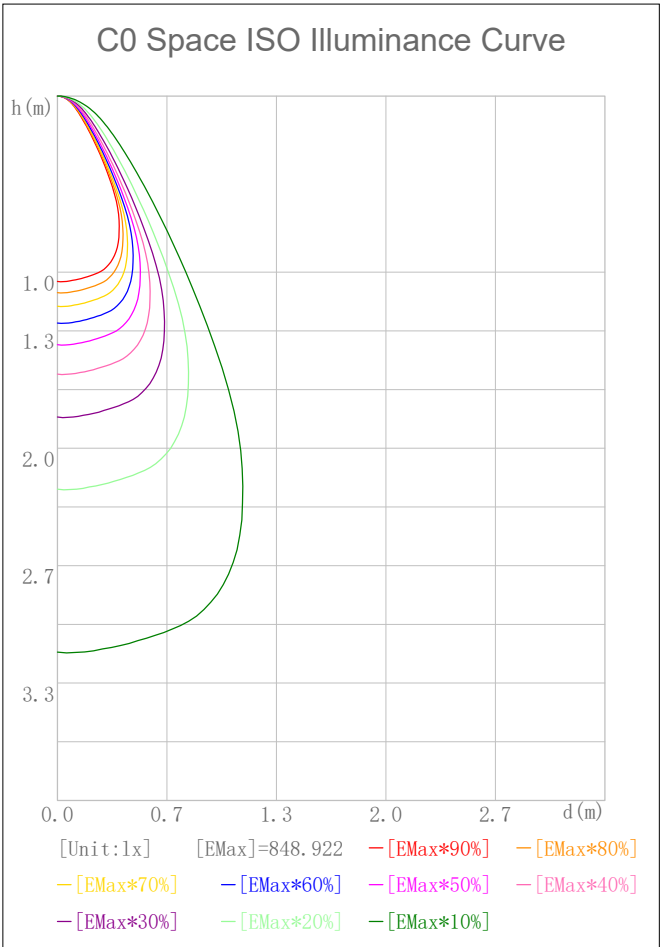
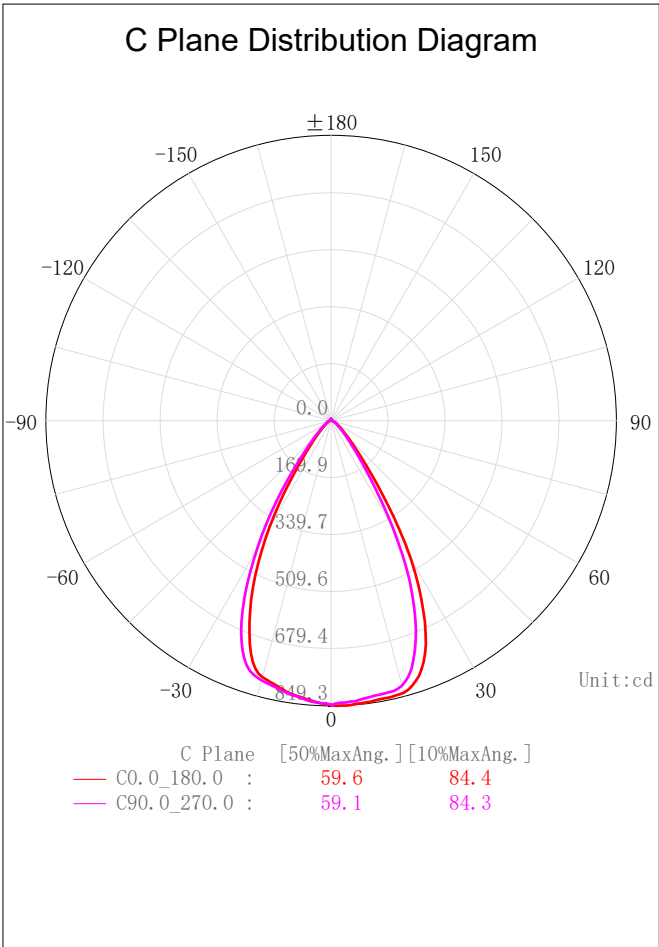
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR08-09-XX-01 4000K RA90 60D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2021/10/28
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):0.076m*0.076m*0.000m		Lum. Area (m2):0.005	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

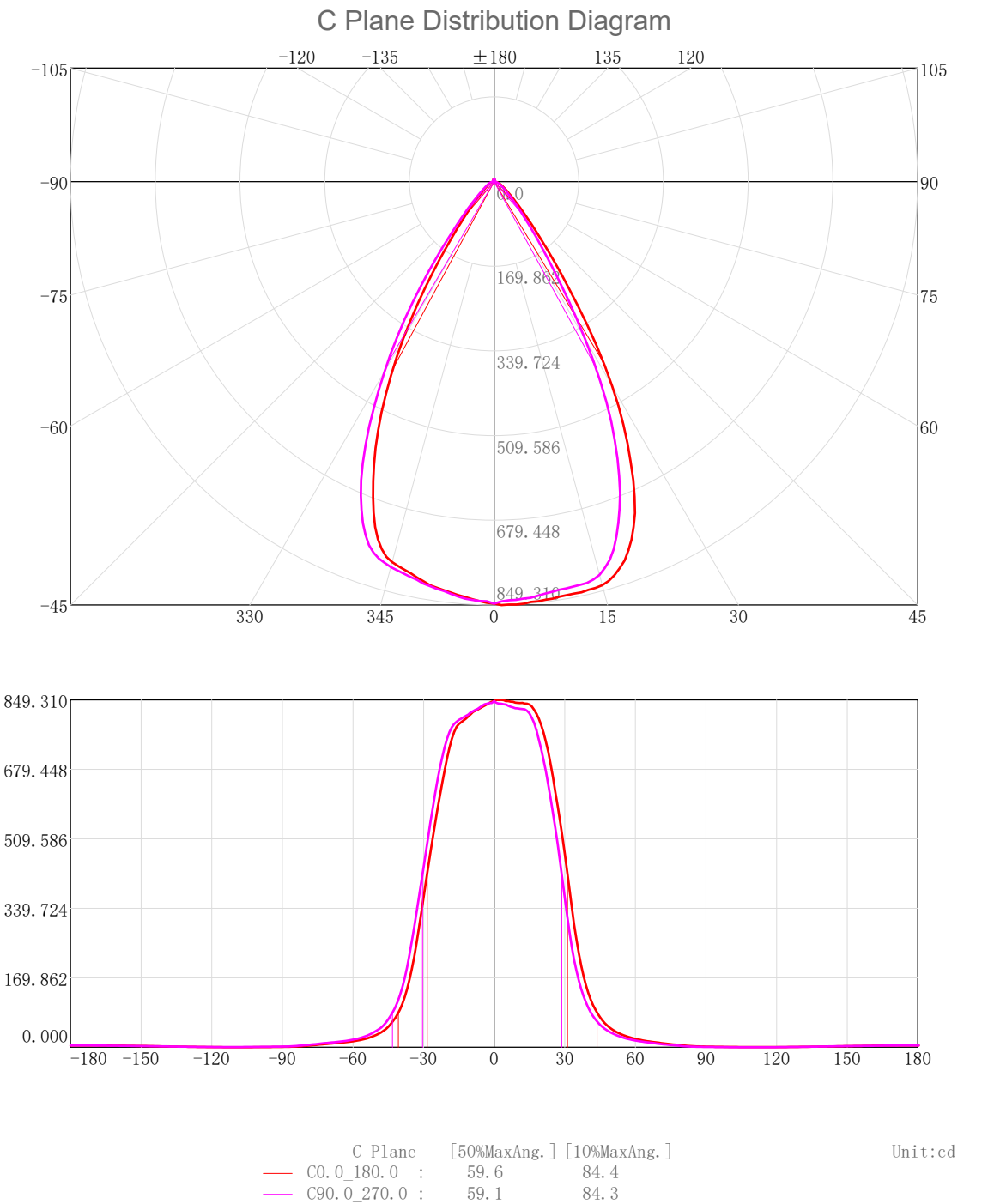
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 827.660	Luminary Flux(lm): 827.657	Field Angle(10%Imax): 84.4(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 818.132lm 98.85%	
Rated Voltage(V):	Luminary EER(lm/W): 93.764	Up Lumens&Percent: 9.525lm 1.15%	
Tested Power(W): 8.827	Max. Candela(cd): 849.310	S/MH: C0_a180=0.964 C90_270=0.958	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):241.0, 0.040, 0.898	Beam Angle(50%Imax): 59.6(°)	ErP Φ use(90°): 736.039lm	
Lamp Size (W*L*H):0.076m*0.076m*0.000m	Left=-28.4°, Right=31.1°	IRF(%): 218.613	



2D Plane Light Intensity Distribution Curve

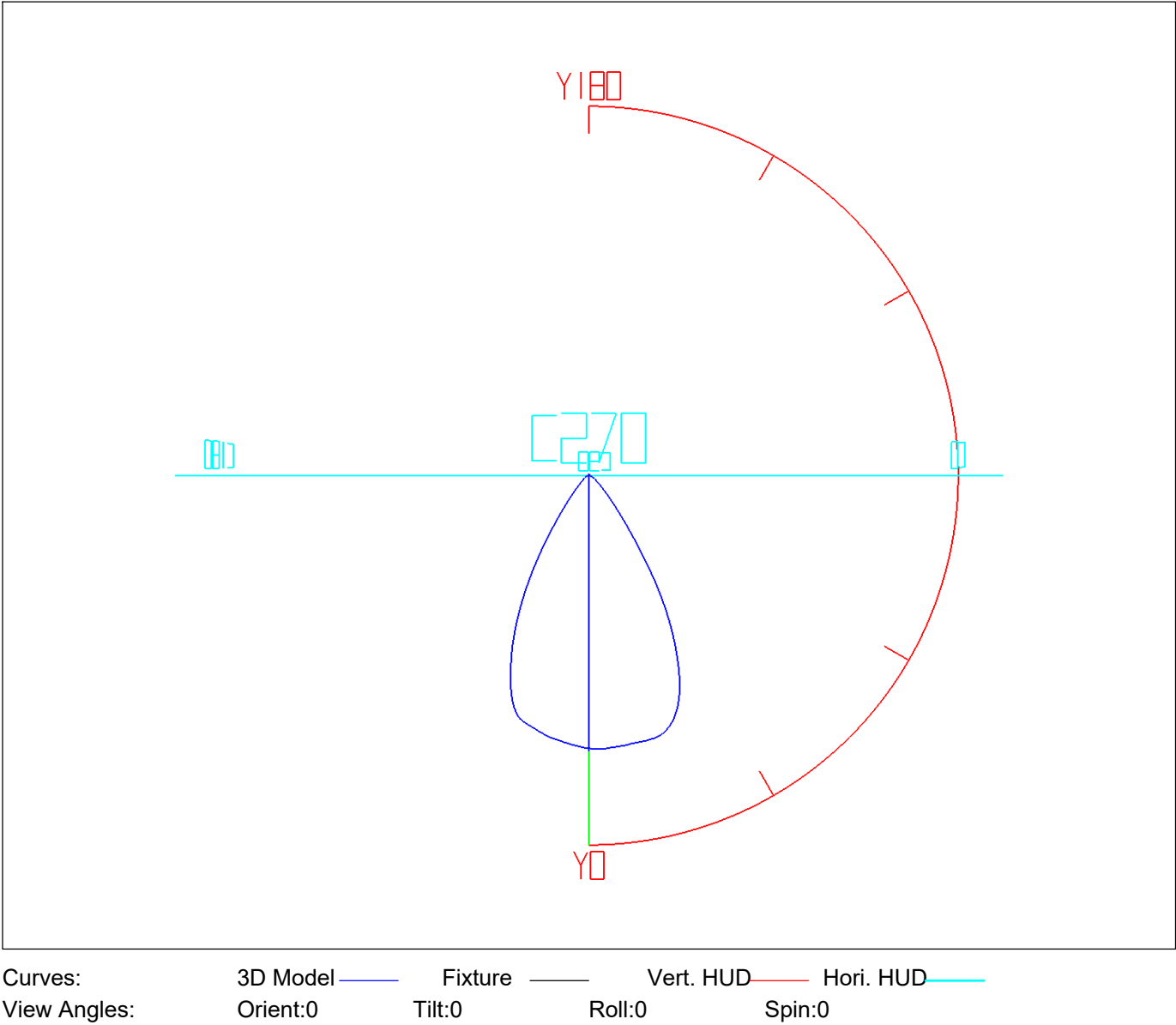
Lum. Name:TR08-09-XX-01 4000K RA90 60D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/28



3D Light Intensity Distribution Modal

Lum. Name:TR08-09-XX-01 4000K RA90 60D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/28

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:TR08-09-XX-01 4000K RA90 60D.IES

Zonal Flux Tabulation

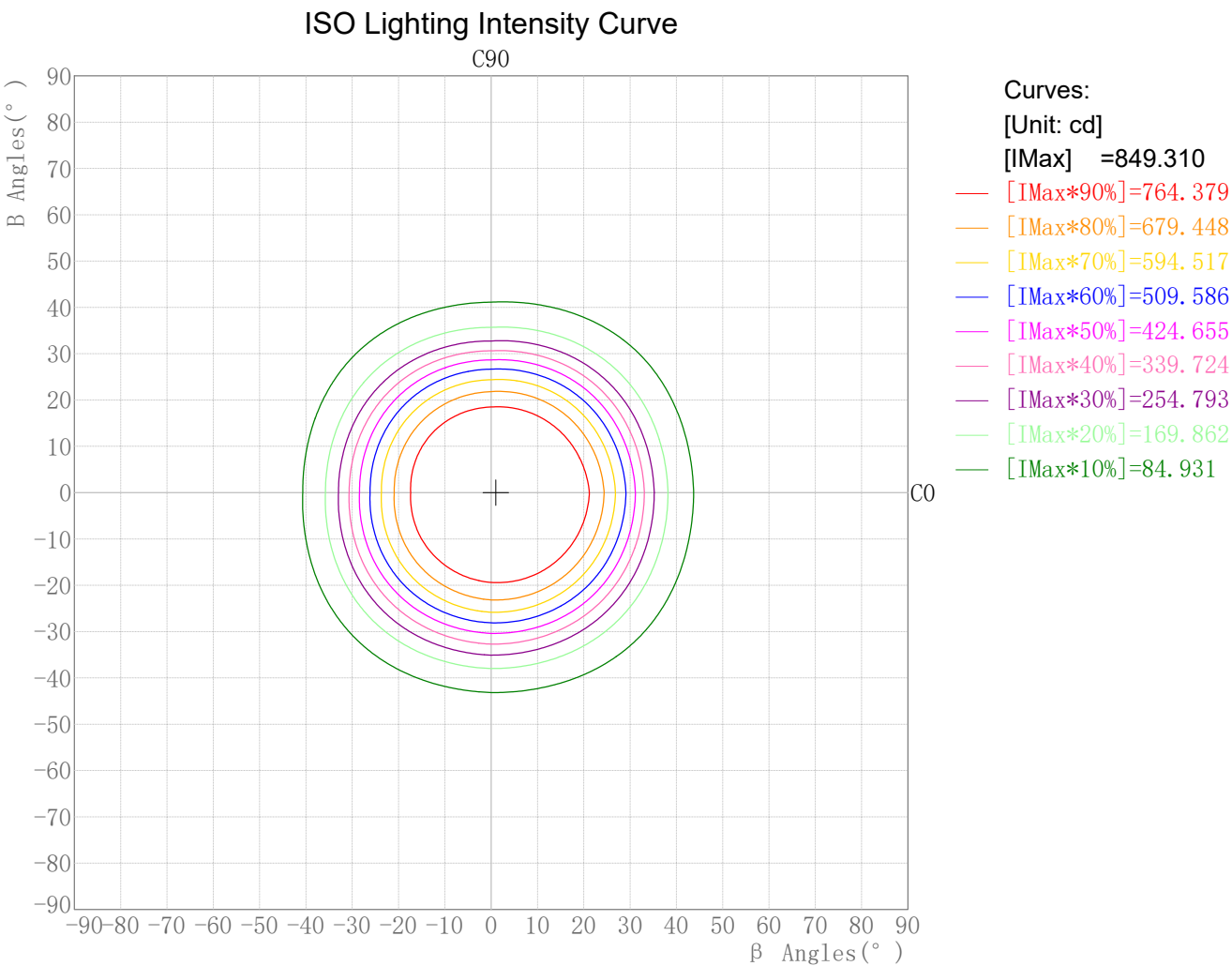
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.81	0.81	0.10	0.10	47.0-48.0	3.83	764.55	0.46	92.38
1.0-2.0	2.42	3.23	0.29	0.39	48.0-49.0	3.54	768.09	0.43	92.80
2.0-3.0	4.03	7.26	0.49	0.88	49.0-50.0	3.28	771.38	0.40	93.20
3.0-4.0	5.63	12.89	0.68	1.56	50.0-51.0	3.05	774.43	0.37	93.57
4.0-5.0	7.22	20.11	0.87	2.43	51.0-52.0	2.84	777.27	0.34	93.91
5.0-6.0	8.79	28.90	1.06	3.49	52.0-53.0	2.65	779.92	0.32	94.23
6.0-7.0	10.35	39.26	1.25	4.74	53.0-54.0	2.47	782.40	0.30	94.53
7.0-8.0	11.90	51.16	1.44	6.18	54.0-55.0	2.32	784.71	0.28	94.81
8.0-9.0	13.44	64.61	1.62	7.81	55.0-56.0	2.18	786.89	0.26	95.07
9.0-10.0	14.97	79.57	1.81	9.61	56.0-57.0	2.05	788.94	0.25	95.32
10.0-11.0	16.47	96.05	1.99	11.60	57.0-58.0	1.93	790.87	0.23	95.56
11.0-12.0	17.97	114.01	2.17	13.78	58.0-59.0	1.83	792.71	0.22	95.78
12.0-13.0	19.45	133.46	2.35	16.12	59.0-60.0	1.74	794.44	0.21	95.99
13.0-14.0	20.90	154.36	2.53	18.65	60.0-61.0	1.65	796.09	0.20	96.19
14.0-15.0	22.33	176.69	2.70	21.35	61.0-62.0	1.57	797.66	0.19	96.38
15.0-16.0	23.67	200.36	2.86	24.21	62.0-63.0	1.50	799.16	0.18	96.56
16.0-17.0	24.91	225.27	3.01	27.22	63.0-64.0	1.43	800.59	0.17	96.73
17.0-18.0	26.00	251.26	3.14	30.36	64.0-65.0	1.36	801.95	0.16	96.89
18.0-19.0	26.91	278.17	3.25	33.61	65.0-66.0	1.30	803.25	0.16	97.05
19.0-20.0	27.62	305.79	3.34	36.95	66.0-67.0	1.24	804.49	0.15	97.20
20.0-21.0	28.12	333.91	3.40	40.34	67.0-68.0	1.19	805.68	0.14	97.34
21.0-22.0	28.44	362.35	3.44	43.78	68.0-69.0	1.13	806.81	0.14	97.48
22.0-23.0	28.55	390.90	3.45	47.23	69.0-70.0	1.07	807.88	0.13	97.61
23.0-24.0	28.45	419.35	3.44	50.67	70.0-71.0	1.01	808.89	0.12	97.73
24.0-25.0	28.12	447.47	3.40	54.06	71.0-72.0	0.96	809.85	0.12	97.85
25.0-26.0	27.56	475.03	3.33	57.39	72.0-73.0	0.90	810.75	0.11	97.96
26.0-27.0	26.78	501.81	3.24	60.63	73.0-74.0	0.84	811.58	0.10	98.06
27.0-28.0	25.79	527.60	3.12	63.75	74.0-75.0	0.78	812.36	0.09	98.15
28.0-29.0	24.62	552.22	2.97	66.72	75.0-76.0	0.72	813.09	0.09	98.24
29.0-30.0	23.27	575.49	2.81	69.53	76.0-77.0	0.67	813.75	0.08	98.32
30.0-31.0	21.76	597.24	2.63	72.16	77.0-78.0	0.61	814.36	0.07	98.39
31.0-32.0	20.12	617.37	2.43	74.59	78.0-79.0	0.56	814.92	0.07	98.46
32.0-33.0	18.39	635.76	2.22	76.81	79.0-80.0	0.50	815.42	0.06	98.52
33.0-34.0	16.63	652.39	2.01	78.82	80.0-81.0	0.44	815.86	0.05	98.57
34.0-35.0	14.92	667.31	1.80	80.63	81.0-82.0	0.39	816.25	0.05	98.62
35.0-36.0	13.34	680.65	1.61	82.24	82.0-83.0	0.34	816.59	0.04	98.66
36.0-37.0	11.88	692.53	1.44	83.67	83.0-84.0	0.30	816.88	0.04	98.70
37.0-38.0	10.58	703.11	1.28	84.95	84.0-85.0	0.26	817.14	0.03	98.73
38.0-39.0	9.43	712.54	1.14	86.09	85.0-86.0	0.23	817.38	0.03	98.76
39.0-40.0	8.42	720.96	1.02	87.11	86.0-87.0	0.21	817.59	0.03	98.78
40.0-41.0	7.54	728.51	0.91	88.02	87.0-88.0	0.19	817.78	0.02	98.81
41.0-42.0	6.78	735.29	0.82	88.84	88.0-89.0	0.18	817.96	0.02	98.83
42.0-43.0	6.12	741.40	0.74	89.58	89.0-90.0	0.17	818.13	0.02	98.85
43.0-44.0	5.54	746.95	0.67	90.25	90.0-91.0	0.16	818.29	0.02	98.87
44.0-45.0	5.03	751.97	0.61	90.86	91.0-92.0	0.15	818.44	0.02	98.89
45.0-46.0	4.57	756.55	0.55	91.41	92.0-93.0	0.14	818.58	0.02	98.90
46.0-47.0	4.17	760.72	0.50	91.91	93.0-94.0	0.13	818.71	0.02	98.92

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. 12	818. 84	0. 02	98. 93	141. 0-142. 0	0. 16	823. 05	0. 02	99. 44
95. 0-96. 0	0. 12	818. 95	0. 01	98. 95	142. 0-143. 0	0. 16	823. 22	0. 02	99. 46
96. 0-97. 0	0. 11	819. 06	0. 01	98. 96	143. 0-144. 0	0. 17	823. 38	0. 02	99. 48
97. 0-98. 0	0. 10	819. 17	0. 01	98. 97	144. 0-145. 0	0. 17	823. 55	0. 02	99. 50
98. 0-99. 0	0. 10	819. 26	0. 01	98. 99	145. 0-146. 0	0. 17	823. 72	0. 02	99. 52
99. 0-100. 0	0. 09	819. 35	0. 01	99. 00	146. 0-147. 0	0. 17	823. 89	0. 02	99. 54
100. 0-101. 0	0. 08	819. 44	0. 01	99. 01	147. 0-148. 0	0. 17	824. 06	0. 02	99. 57
101. 0-102. 0	0. 08	819. 52	0. 01	99. 02	148. 0-149. 0	0. 17	824. 23	0. 02	99. 59
102. 0-103. 0	0. 07	819. 59	0. 01	99. 03	149. 0-150. 0	0. 17	824. 41	0. 02	99. 61
103. 0-104. 0	0. 07	819. 66	0. 01	99. 03	150. 0-151. 0	0. 17	824. 58	0. 02	99. 63
104. 0-105. 0	0. 07	819. 73	0. 01	99. 04	151. 0-152. 0	0. 17	824. 75	0. 02	99. 65
105. 0-106. 0	0. 06	819. 79	0. 01	99. 05	152. 0-153. 0	0. 17	824. 92	0. 02	99. 67
106. 0-107. 0	0. 06	819. 85	0. 01	99. 06	153. 0-154. 0	0. 17	825. 09	0. 02	99. 69
107. 0-108. 0	0. 06	819. 90	0. 01	99. 06	154. 0-155. 0	0. 17	825. 25	0. 02	99. 71
108. 0-109. 0	0. 05	819. 96	0. 01	99. 07	155. 0-156. 0	0. 16	825. 41	0. 02	99. 73
109. 0-110. 0	0. 05	820. 01	0. 01	99. 08	156. 0-157. 0	0. 16	825. 57	0. 02	99. 75
110. 0-111. 0	0. 05	820. 06	0. 01	99. 08	157. 0-158. 0	0. 16	825. 73	0. 02	99. 77
111. 0-112. 0	0. 05	820. 11	0. 01	99. 09	158. 0-159. 0	0. 15	825. 88	0. 02	99. 78
112. 0-113. 0	0. 05	820. 16	0. 01	99. 09	159. 0-160. 0	0. 15	826. 03	0. 02	99. 80
113. 0-114. 0	0. 05	820. 21	0. 01	99. 10	160. 0-161. 0	0. 14	826. 17	0. 02	99. 82
114. 0-115. 0	0. 05	820. 26	0. 01	99. 11	161. 0-162. 0	0. 14	826. 31	0. 02	99. 84
115. 0-116. 0	0. 05	820. 31	0. 01	99. 11	162. 0-163. 0	0. 13	826. 44	0. 02	99. 85
116. 0-117. 0	0. 05	820. 36	0. 01	99. 12	163. 0-164. 0	0. 13	826. 57	0. 02	99. 87
117. 0-118. 0	0. 06	820. 42	0. 01	99. 13	164. 0-165. 0	0. 12	826. 69	0. 01	99. 88
118. 0-119. 0	0. 06	820. 48	0. 01	99. 13	165. 0-166. 0	0. 12	826. 81	0. 01	99. 90
119. 0-120. 0	0. 06	820. 54	0. 01	99. 14	166. 0-167. 0	0. 11	826. 92	0. 01	99. 91
120. 0-121. 0	0. 06	820. 60	0. 01	99. 15	167. 0-168. 0	0. 10	827. 03	0. 01	99. 92
121. 0-122. 0	0. 07	820. 67	0. 01	99. 16	168. 0-169. 0	0. 10	827. 12	0. 01	99. 94
122. 0-123. 0	0. 07	820. 75	0. 01	99. 16	169. 0-170. 0	0. 09	827. 21	0. 01	99. 95
123. 0-124. 0	0. 08	820. 82	0. 01	99. 17	170. 0-171. 0	0. 08	827. 29	0. 01	99. 96
124. 0-125. 0	0. 08	820. 91	0. 01	99. 18	171. 0-172. 0	0. 07	827. 37	0. 01	99. 96
125. 0-126. 0	0. 09	820. 99	0. 01	99. 19	172. 0-173. 0	0. 07	827. 44	0. 01	99. 97
126. 0-127. 0	0. 09	821. 08	0. 01	99. 21	173. 0-174. 0	0. 06	827. 49	0. 01	99. 98
127. 0-128. 0	0. 10	821. 18	0. 01	99. 22	174. 0-175. 0	0. 05	827. 54	0. 01	99. 99
128. 0-129. 0	0. 10	821. 28	0. 01	99. 23	175. 0-176. 0	0. 04	827. 58	0. 00	99. 99
129. 0-130. 0	0. 11	821. 39	0. 01	99. 24	176. 0-177. 0	0. 03	827. 62	0. 00	99. 99
130. 0-131. 0	0. 11	821. 50	0. 01	99. 26	177. 0-178. 0	0. 02	827. 64	0. 00	100. 00
131. 0-132. 0	0. 12	821. 62	0. 01	99. 27	178. 0-179. 0	0. 01	827. 65	0. 00	100. 00
132. 0-133. 0	0. 12	821. 75	0. 01	99. 29	179. 0-180. 0	0. 00	827. 66	0. 00	100. 00
133. 0-134. 0	0. 13	821. 87	0. 02	99. 30					
134. 0-135. 0	0. 13	822. 01	0. 02	99. 32					
135. 0-136. 0	0. 14	822. 14	0. 02	99. 33					
136. 0-137. 0	0. 14	822. 28	0. 02	99. 35					
137. 0-138. 0	0. 15	822. 43	0. 02	99. 37					
138. 0-139. 0	0. 15	822. 58	0. 02	99. 39					
139. 0-140. 0	0. 15	822. 74	0. 02	99. 40					
140. 0-141. 0	0. 16	822. 89	0. 02	99. 42					

Rectangle ISO Lighting Intensity Diagram

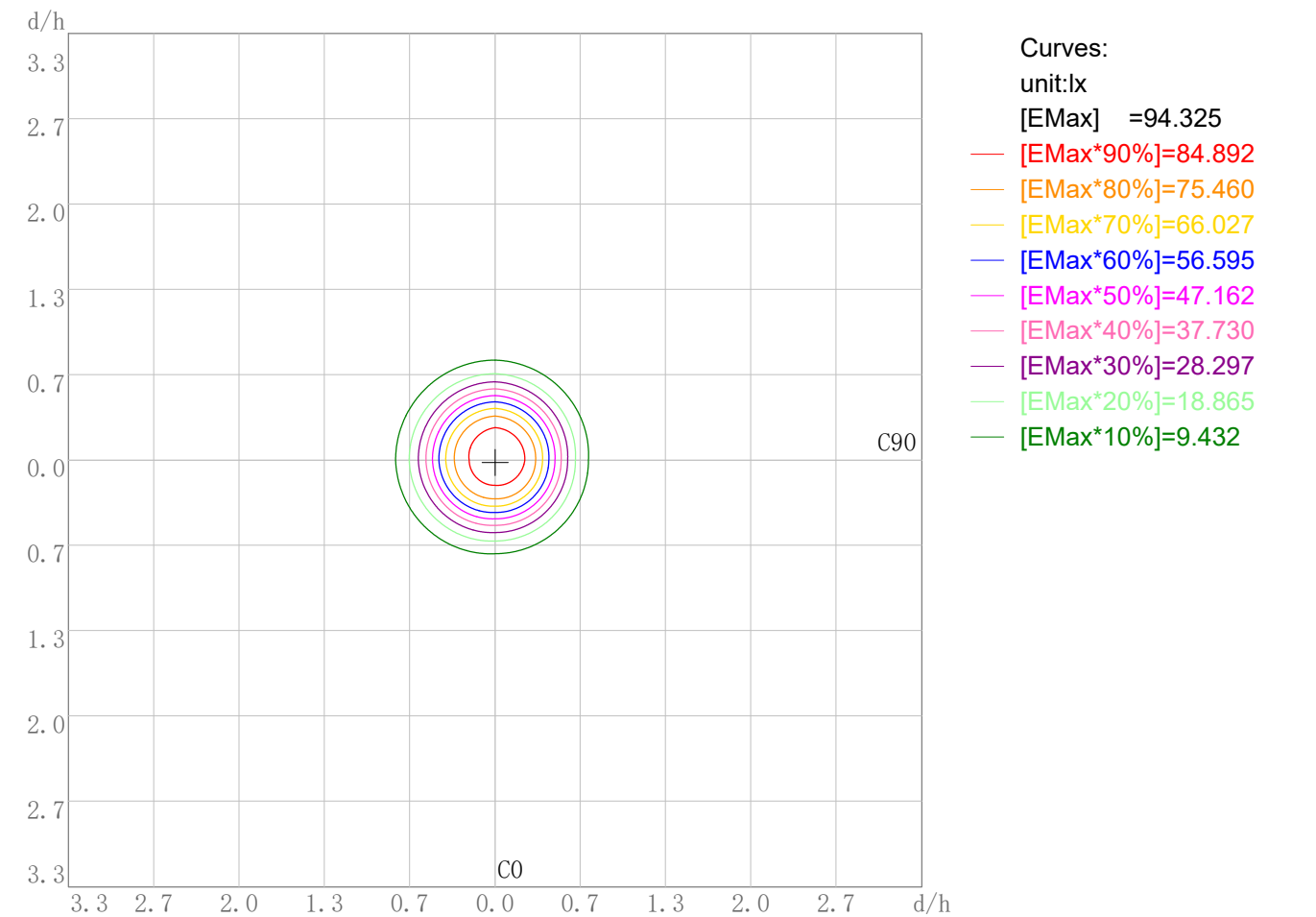
Lum. Name:TR08-09-XX-01 4000K RA90 60D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/28



Plane ISO-Illuminance Diagram

Lum. Name:TR08-09-XX-01 4000K RA90 60D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 94.32
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

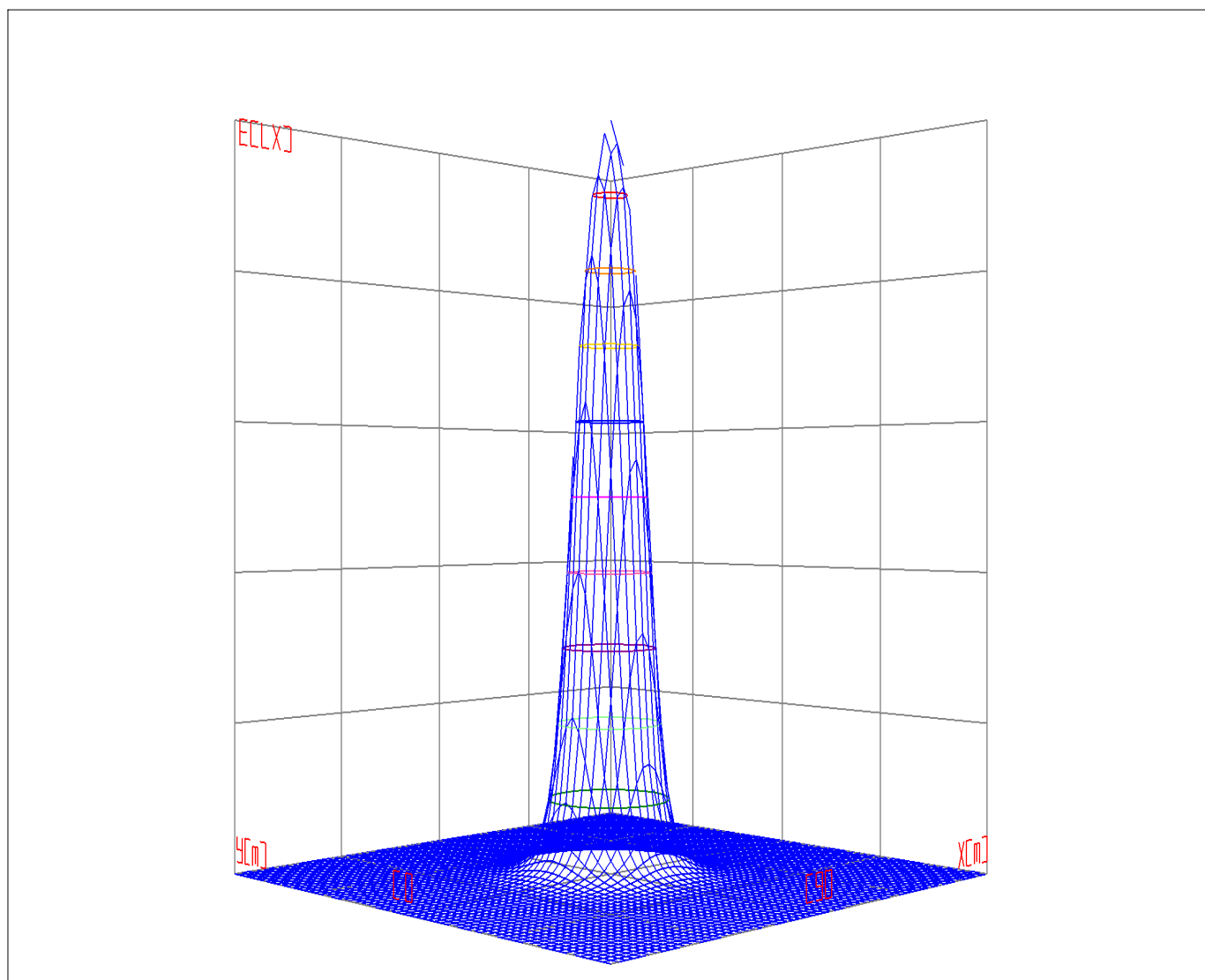
IES Indoor Report

Photometric Filename:TR08-09-XX-01 4000K RA90 60D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: TR08-09-XX-01 4000K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28

3D Plane Illuminance Modal

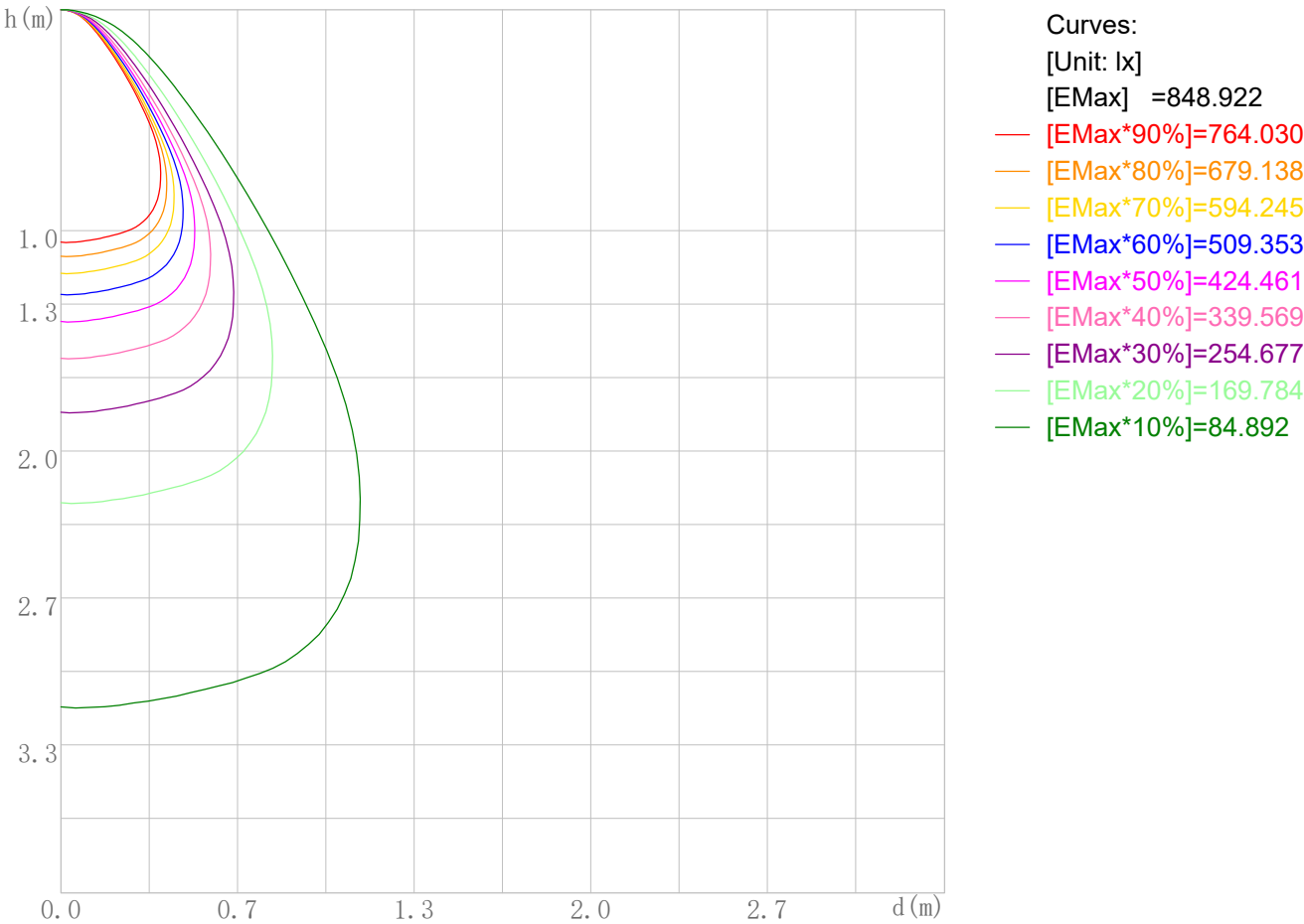


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name:TR08-09-XX-01 4000K RA90 60D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/28

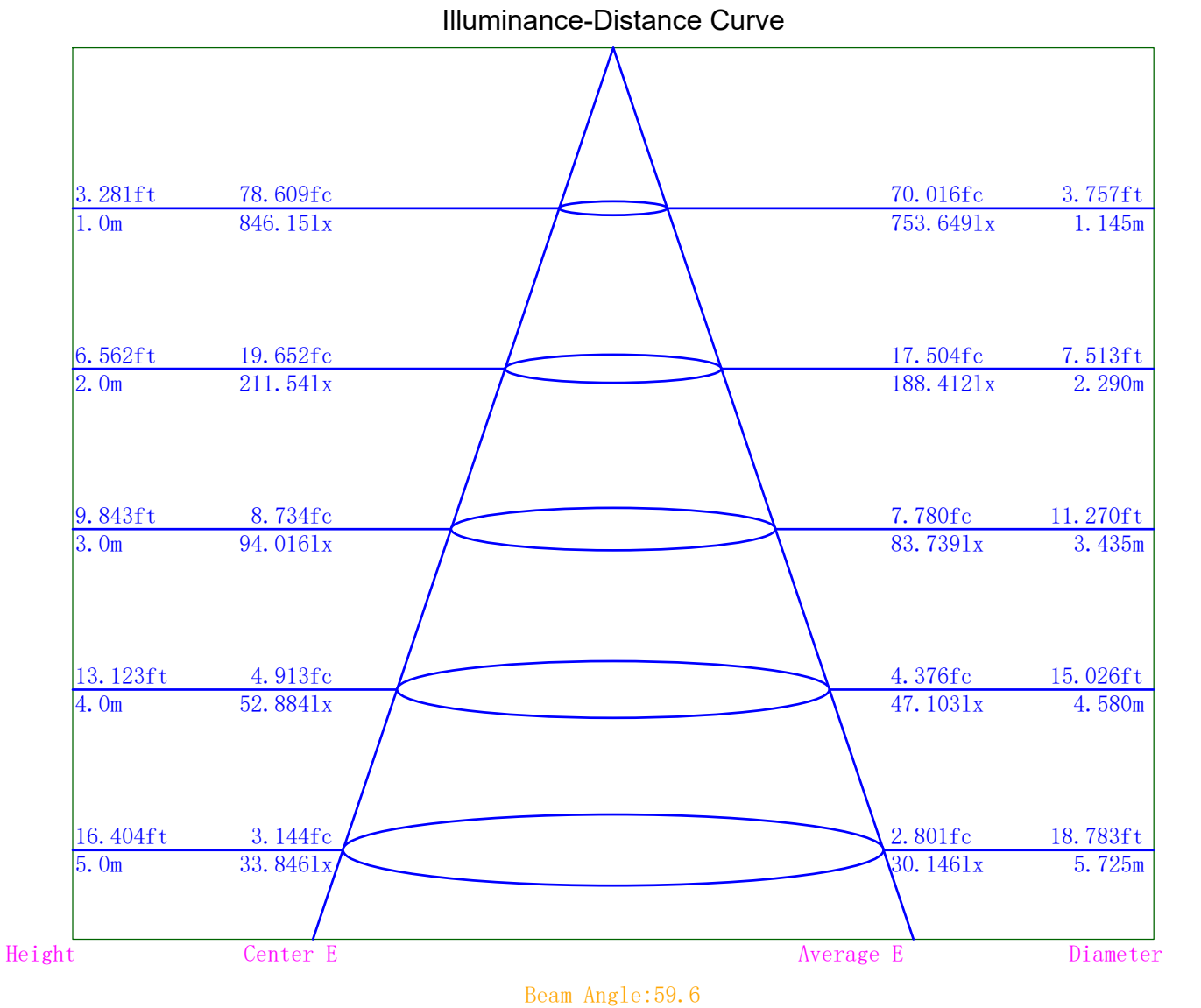
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:848.92lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:849.310cd,0eg

Illuminance-Distance Diagram

Lum. Name:TR08-09-XX-01 4000K RA90 60D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/28



Indoor Luminance Limiting Curves

Lum. Name:TR08-09-XX-01 4000K RA90 60D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/28

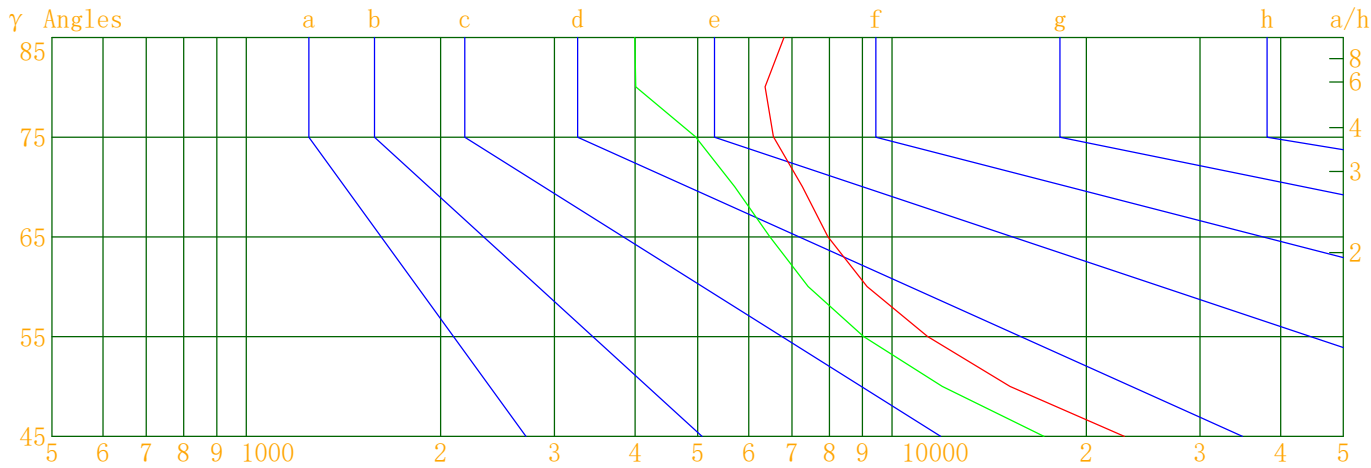
Glare Grade Table

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	22895	15237	11350	9150	7953	7265	6551	6361	6804
C90	17194	11964	9033	7415	6465	5707	4962	4010	3996

Luminance Limiting Curve



Luminous Size:

Length(m)=-0.076

Width(m)=-0.076

Height(m)=0.000

Area(m^2)=0.004536

Luminous Type:

Without Luminous Side

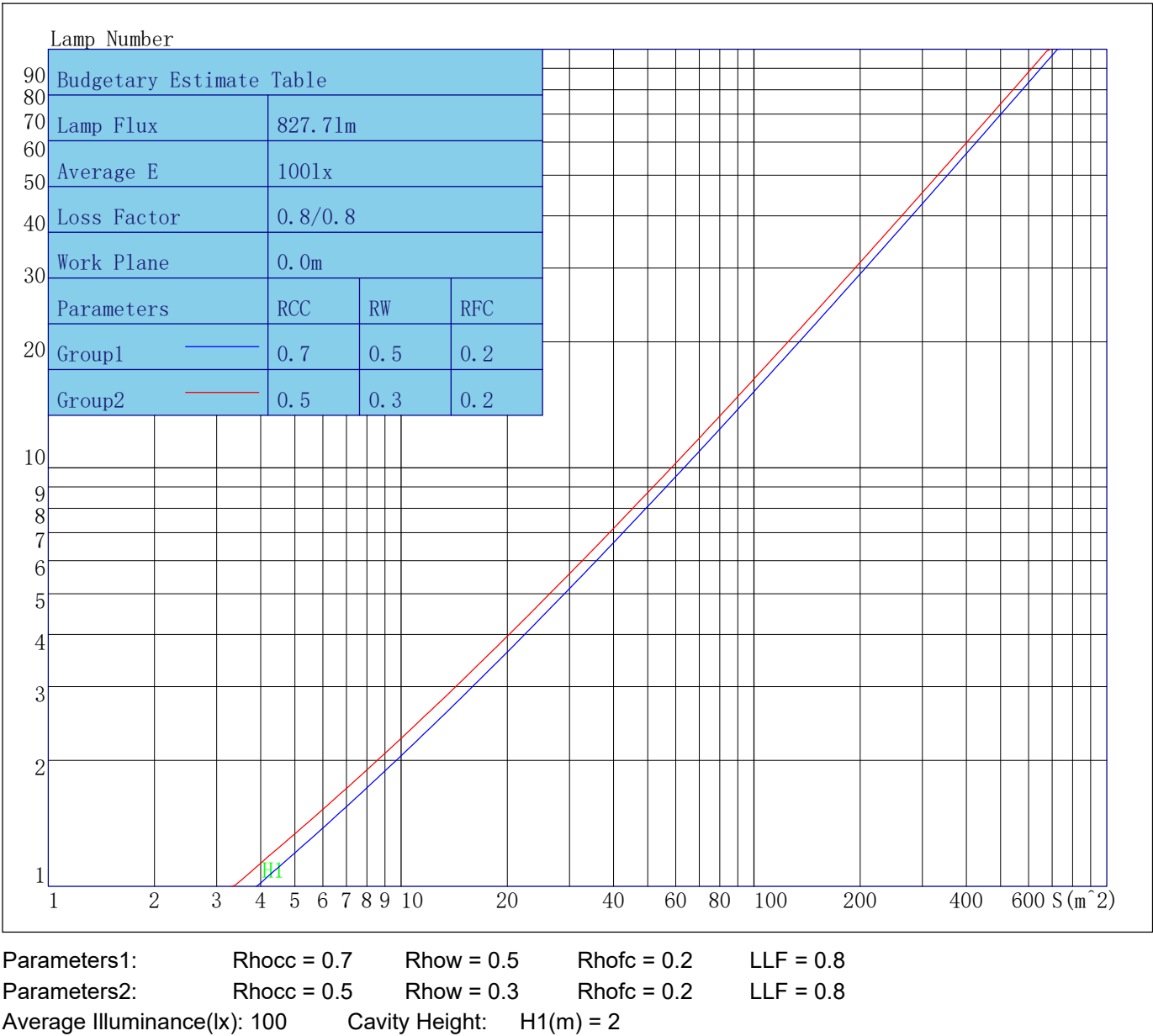
Luminous Curves:

C0-C180 Color: —

C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name:TR08-09-XX-01 4000K RA90 60D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28



Indoor Coefficient of Utilization Table

Lum. Name:TR08-09-XX-01 4000K RA90 60D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/28

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	106	106	106	101	101	101	99
1	113	110	107	105	110	107	105	103	103	101	100	99	98	96	96	94	93	91
2	107	102	97	94	104	100	96	92	96	93	90	93	90	88	90	88	86	84
3	101	94	89	85	99	93	88	84	90	86	83	87	84	81	85	82	80	78
4	96	88	82	78	94	87	81	77	84	80	76	82	78	75	80	77	74	72
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67
6	86	77	71	66	84	76	70	66	74	69	65	73	68	65	71	67	64	63
7	82	72	66	62	80	71	65	61	70	65	61	69	64	60	67	63	60	59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55
9	74	64	58	54	73	63	58	54	62	57	53	61	57	53	61	56	53	52
10	70	61	55	51	69	60	54	51	59	54	50	58	54	50	57	53	50	49

Unified Glare Rating Table

Lum. Name:TR08-09-XX-01 4000K RA90 60D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/28

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	19.6	20.7	20.0	21.0	21.3	18.0	19.0	18.4	19.4	19.7
	19.8	20.7	20.2	21.1	21.5	18.2	19.1	18.6	19.5	19.9
	19.9	20.7	20.3	21.1	21.5	18.3	19.2	18.7	19.5	20.0
	19.9	20.8	20.4	21.1	21.6	18.3	19.1	18.8	19.5	20.0
	20.0	20.7	20.4	21.1	21.6	18.3	19.1	18.8	19.5	19.9
	20.0	20.7	20.4	21.1	21.6	18.3	19.0	18.7	19.4	19.9
X=4H Y=2H	19.5	20.4	19.9	20.8	21.2	17.9	18.8	18.4	19.2	19.6
	19.8	20.5	20.2	21.0	21.4	18.3	19.0	18.7	19.5	19.9
	20.0	20.6	20.4	21.1	21.5	18.4	19.1	18.9	19.5	20.0
	20.1	20.7	20.6	21.2	21.7	18.6	19.1	19.0	19.6	20.1
	20.2	20.7	20.7	21.2	21.7	18.6	19.1	19.1	19.6	20.1
	20.2	20.7	20.7	21.2	21.7	18.6	19.0	19.1	19.5	20.1
X=8H Y=4H	19.9	20.5	20.4	20.9	21.4	18.4	19.0	18.9	19.4	19.9
	20.2	20.6	20.7	21.1	21.7	18.6	19.1	19.1	19.6	20.1
	20.3	20.7	20.8	21.2	21.7	18.7	19.1	19.2	19.6	20.1
	20.4	20.7	20.9	21.3	21.9	18.7	19.1	19.3	19.6	20.2
X=12H Y=4H	19.9	20.4	20.4	20.9	21.4	18.4	18.9	18.9	19.4	19.9
	20.2	20.6	20.7	21.0	21.6	18.6	19.0	19.1	19.5	20.1
	20.3	20.6	20.8	21.2	21.8	18.7	19.0	19.2	19.5	20.1
Variations with the objverver position at spacings										
S=1.0H	0.4/-0.4					0.6/-0.6				
S=1.5H	0.8/-0.8					1.0/-1.1				
S=2.0H	1.0/-1.1					1.3/-1.5				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.0					0.9				

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

IES Indoor Report

Photometric Filename:TR08-09-XX-01 4000K RA90 60D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	846.15	846.15	846.15	846.15
γ 1.0	849.31	842.07	844.86	841.73
γ 2.0	848.85	840.11	841.76	841.50
γ 3.0	849.24	840.05	838.62	840.01
γ 4.0	848.74	838.44	835.20	838.49
γ 5.0	846.17	837.96	832.32	835.22
γ 6.0	846.31	835.02	828.70	831.24
γ 7.0	845.00	832.56	825.60	827.18
γ 8.0	844.70	830.90	822.70	824.96
γ 9.0	842.59	828.88	819.65	821.31
γ 10.0	842.09	828.53	813.95	818.61
γ 11.0	841.53	827.51	809.14	813.41
γ 12.0	842.07	826.82	803.34	810.16
γ 13.0	840.38	826.24	799.00	806.51
γ 14.0	839.83	822.62	794.57	803.34
γ 15.0	837.91	816.53	790.13	800.14
γ 16.0	833.22	805.75	783.08	795.59
γ 17.0	825.27	793.10	770.72	790.48
γ 18.0	815.24	775.55	753.91	782.40
γ 19.0	803.68	752.79	732.37	770.91
γ 20.0	787.11	728.44	706.13	754.02
γ 21.0	769.04	702.01	677.40	734.01
γ 22.0	746.58	674.08	647.49	710.01
γ 23.0	722.41	641.62	616.41	684.10
γ 24.0	692.08	608.21	584.84	655.35
γ 25.0	660.62	572.54	550.09	623.00
γ 26.0	624.28	536.28	515.21	588.27
γ 27.0	589.23	495.73	477.83	551.97
γ 28.0	552.25	453.10	440.93	513.66
γ 29.0	514.30	409.70	403.39	476.28
γ 30.0	473.53	366.04	365.18	438.61
γ 31.0	431.17	323.33	326.83	402.55
γ 32.0	387.24	282.68	290.11	365.58
γ 33.0	343.02	245.29	253.87	329.11
γ 34.0	299.92	213.91	220.27	292.61
γ 35.0	261.90	186.02	190.11	257.54
γ 36.0	228.53	162.38	164.20	224.75
γ 37.0	199.17	142.14	141.57	194.85
γ 38.0	174.03	124.81	122.39	169.02
γ 39.0	152.06	109.98	106.15	146.70
γ 40.0	133.32	97.04	92.52	127.85
γ 41.0	117.41	86.07	81.42	111.65
γ 42.0	103.79	76.53	71.78	97.93
γ 43.0	92.16	68.28	63.70	86.50
γ 44.0	82.19	61.26	56.37	76.76
γ 45.0	73.44	55.15	50.04	68.18
γ 46.0	65.79	49.94	44.72	60.40

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	59.20	45.45	40.46	53.83
γ 48.0	53.64	41.50	36.75	48.50
γ 49.0	48.69	38.07	33.45	44.26
γ 50.0	44.43	34.89	30.70	40.53
γ 51.0	40.74	32.11	28.17	37.10
γ 52.0	37.40	29.61	25.87	33.97
γ 53.0	34.54	27.37	23.79	31.06
γ 54.0	31.94	25.35	21.96	28.57
γ 55.0	29.53	23.50	20.37	26.42
γ 56.0	27.41	21.89	18.99	24.52
γ 57.0	25.50	20.43	17.77	22.79
γ 58.0	23.76	19.11	16.69	21.31
γ 59.0	22.19	17.92	15.72	19.98
γ 60.0	20.75	16.82	14.89	18.77
γ 61.0	19.47	15.80	14.11	17.68
γ 62.0	18.32	14.88	13.45	16.71
γ 63.0	17.24	13.99	12.77	15.84
γ 64.0	16.18	13.17	12.17	15.06
γ 65.0	15.25	12.39	11.56	14.33
γ 66.0	14.37	11.65	11.03	13.65
γ 67.0	13.53	10.94	10.52	13.07
γ 68.0	12.73	10.26	10.03	12.53
γ 69.0	11.98	9.56	9.49	11.94
γ 70.0	11.27	8.85	8.97	11.38
γ 71.0	10.55	8.12	8.50	10.83
γ 72.0	9.75	7.50	8.02	10.29
γ 73.0	8.98	6.92	7.45	9.71
γ 74.0	8.31	6.36	6.90	9.08
γ 75.0	7.69	5.83	6.35	8.46
γ 76.0	7.15	5.28	5.84	7.83
γ 77.0	6.60	4.77	5.32	7.24
γ 78.0	6.05	4.26	4.76	6.61
γ 79.0	5.52	3.79	4.38	5.99
γ 80.0	5.01	3.16	3.85	5.44
γ 81.0	4.45	2.68	3.25	4.94
γ 82.0	3.74	2.35	2.63	4.51
γ 83.0	3.34	2.05	2.29	3.92
γ 84.0	3.02	1.78	1.99	3.31
γ 85.0	2.69	1.58	1.73	3.01
γ 86.0	2.42	1.44	1.53	2.72
γ 87.0	2.23	1.33	1.41	2.40
γ 88.0	2.07	1.22	1.32	2.18
γ 89.0	1.93	1.13	1.23	2.07
γ 90.0	1.82	1.06	1.13	1.95
γ 91.0	1.73	0.99	1.07	1.84
γ 92.0	1.64	0.91	1.00	1.75
γ 93.0	1.55	0.86	0.93	1.66

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.46	0.79	0.88	1.57
γ 95.0	1.37	0.73	0.82	1.48
γ 96.0	1.31	0.68	0.78	1.41
γ 97.0	1.22	0.61	0.72	1.34
γ 98.0	1.17	0.56	0.67	1.27
γ 99.0	1.08	0.51	0.62	1.20
γ 100.0	1.03	0.47	0.60	1.14
γ 101.0	0.96	0.42	0.55	1.09
γ 102.0	0.92	0.38	0.53	1.03
γ 103.0	0.86	0.35	0.49	0.99
γ 104.0	0.81	0.32	0.47	0.94
γ 105.0	0.76	0.29	0.45	0.90
γ 106.0	0.71	0.27	0.43	0.87
γ 107.0	0.68	0.26	0.42	0.84
γ 108.0	0.64	0.23	0.41	0.80
γ 109.0	0.62	0.22	0.41	0.78
γ 110.0	0.58	0.22	0.41	0.77
γ 111.0	0.57	0.22	0.41	0.74
γ 112.0	0.55	0.23	0.43	0.74
γ 113.0	0.55	0.24	0.44	0.73
γ 114.0	0.54	0.26	0.46	0.73
γ 115.0	0.54	0.28	0.49	0.74
γ 116.0	0.55	0.30	0.52	0.75
γ 117.0	0.57	0.33	0.56	0.77
γ 118.0	0.57	0.38	0.60	0.79
γ 119.0	0.61	0.42	0.65	0.82
γ 120.0	0.63	0.46	0.70	0.85
γ 121.0	0.67	0.51	0.76	0.90
γ 122.0	0.70	0.57	0.82	0.94
γ 123.0	0.75	0.64	0.89	0.98
γ 124.0	0.80	0.70	0.97	1.04
γ 125.0	0.86	0.77	1.03	1.10
γ 126.0	0.91	0.85	1.11	1.16
γ 127.0	0.98	0.93	1.20	1.22
γ 128.0	1.04	1.01	1.28	1.30
γ 129.0	1.11	1.08	1.37	1.36
γ 130.0	1.18	1.16	1.45	1.45
γ 131.0	1.26	1.25	1.55	1.52
γ 132.0	1.34	1.33	1.63	1.61
γ 133.0	1.41	1.42	1.73	1.69
γ 134.0	1.50	1.51	1.83	1.77
γ 135.0	1.58	1.60	1.93	1.86
γ 136.0	1.67	1.69	2.02	1.94
γ 137.0	1.77	1.79	2.12	2.03
γ 138.0	1.85	1.89	2.22	2.12
γ 139.0	1.95	1.98	2.31	2.21
γ 140.0	2.04	2.07	2.42	2.30

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.13	2.17	2.50	2.38
γ 142.0	2.23	2.26	2.61	2.48
γ 143.0	2.32	2.36	2.72	2.56
γ 144.0	2.42	2.46	2.81	2.65
γ 145.0	2.51	2.57	2.91	2.74
γ 146.0	2.61	2.65	3.00	2.84
γ 147.0	2.71	2.75	3.10	2.93
γ 148.0	2.81	2.84	3.19	3.01
γ 149.0	2.91	2.93	3.28	3.12
γ 150.0	3.00	3.02	3.36	3.18
γ 151.0	3.08	3.10	3.44	3.28
γ 152.0	3.18	3.19	3.51	3.35
γ 153.0	3.26	3.27	3.59	3.42
γ 154.0	3.35	3.34	3.67	3.49
γ 155.0	3.42	3.42	3.74	3.57
γ 156.0	3.50	3.47	3.81	3.64
γ 157.0	3.58	3.56	3.87	3.70
γ 158.0	3.65	3.62	3.94	3.76
γ 159.0	3.72	3.71	4.02	3.82
γ 160.0	3.81	3.77	4.07	3.90
γ 161.0	3.88	3.84	4.13	3.95
γ 162.0	3.95	3.91	4.20	4.01
γ 163.0	4.04	4.00	4.26	4.07
γ 164.0	4.10	4.06	4.30	4.14
γ 165.0	4.17	4.13	4.37	4.20
γ 166.0	4.25	4.21	4.42	4.27
γ 167.0	4.32	4.27	4.47	4.32
γ 168.0	4.40	4.35	4.53	4.38
γ 169.0	4.45	4.40	4.57	4.43
γ 170.0	4.51	4.45	4.60	4.48
γ 171.0	4.57	4.51	4.65	4.55
γ 172.0	4.62	4.56	4.70	4.58
γ 173.0	4.67	4.59	4.72	4.63
γ 174.0	4.71	4.65	4.75	4.66
γ 175.0	4.76	4.67	4.78	4.70
γ 176.0	4.79	4.70	4.80	4.72
γ 177.0	4.81	4.72	4.81	4.76
γ 178.0	4.82	4.74	4.83	4.78
γ 179.0	4.84	4.75	4.83	4.80
γ 180.0	4.81	4.81	4.81	4.81