

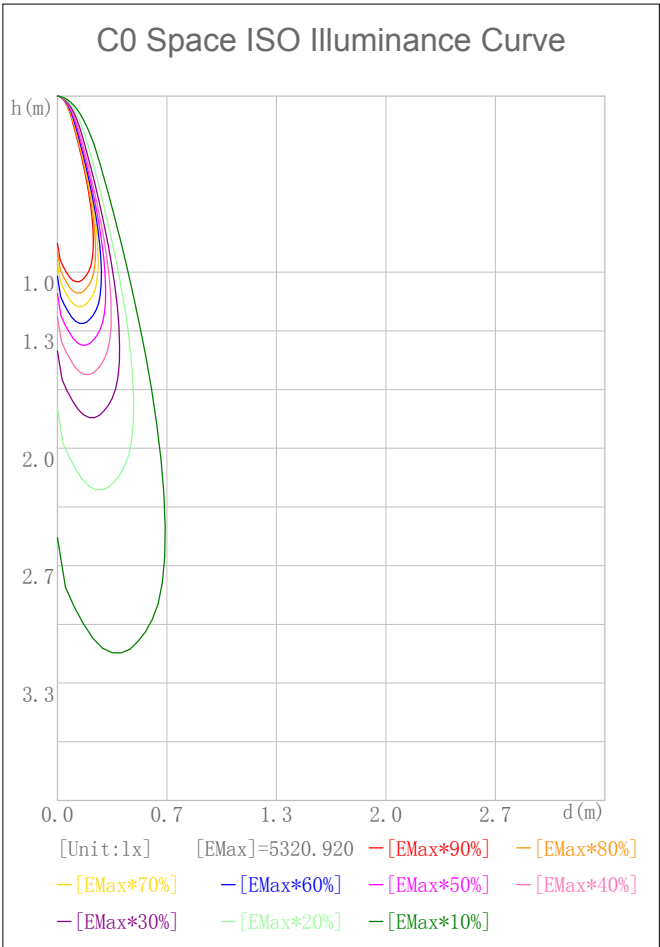
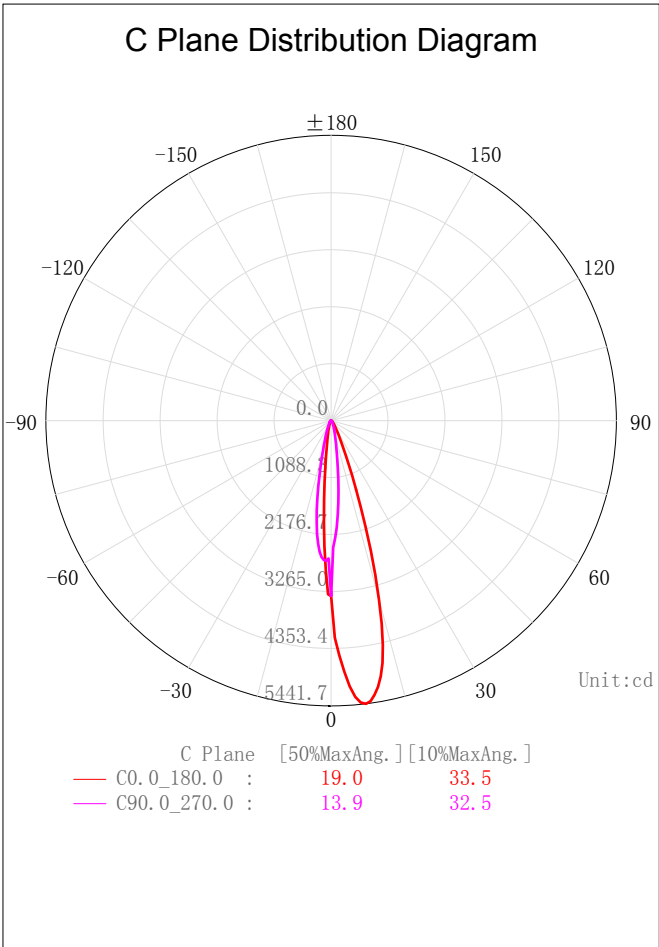
Indoor Luminaire Photometric Data

Description Information

Luminary Name: WL02-09-XX-01 4000K RA90 24D		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

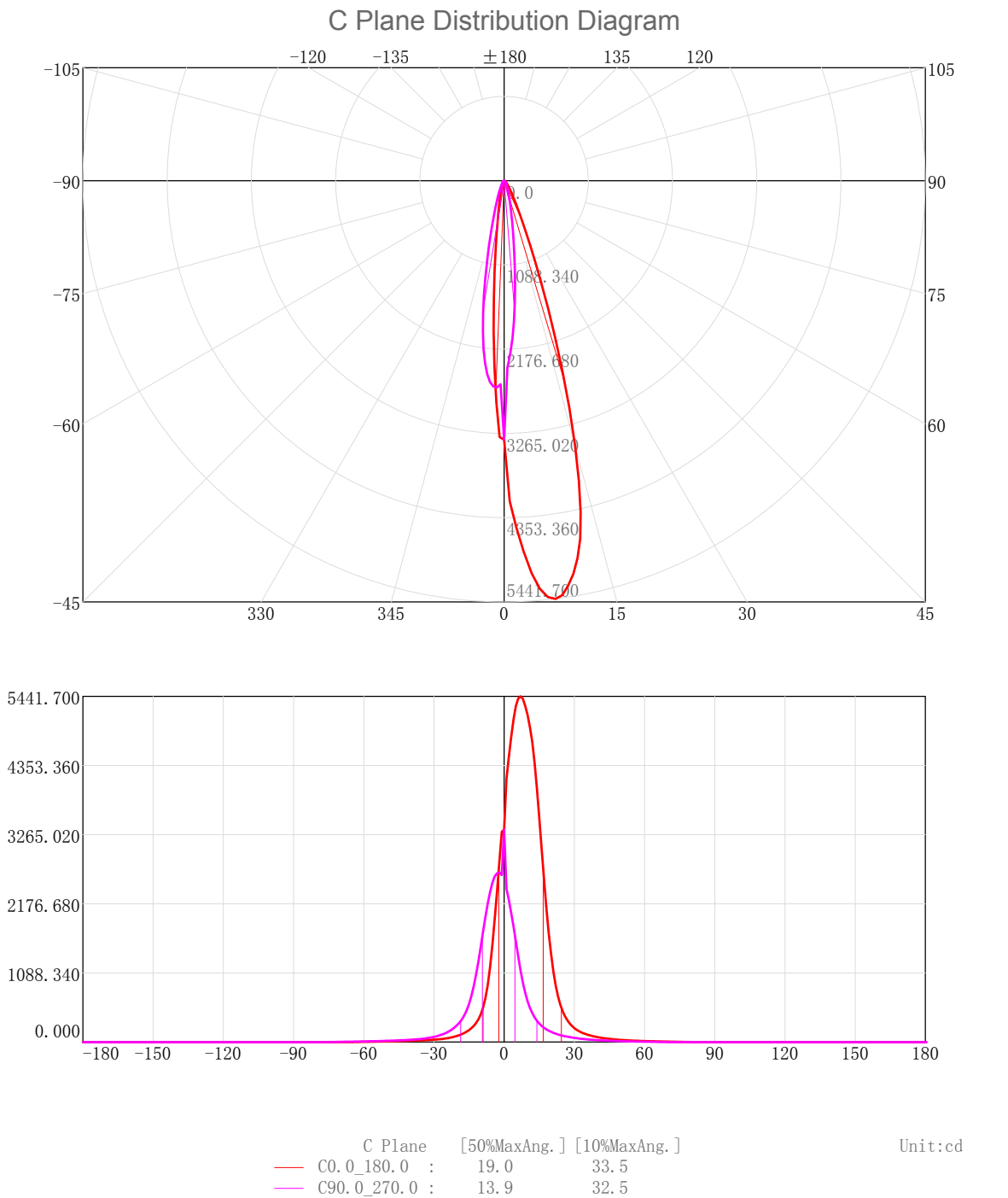
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 726.930	Luminary Flux(lm): 726.926	Field Angle(10%Imax): 33.5(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 726.926lm 100.00%	
Rated Voltage(V):	Luminary EER(lm/W): 82.521	Up Lumens&Percent: 0.000lm 0.00%	
Tested Power(W): 8.809	Max. Candela(cd): 5441.700	S/MH: C0_a180=0.414 C90_270=0.238	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=7.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):241.2, 0.040, 0.898	Beam Angle(50%Imax): 19.0(°)	ErP ϕ use(90°): 549.734lm	
Lamp Size (W*L*H):0.076m*0.076m*0.000m	Left=-2.3°, Right=16.7°	IRF(%): 1002.545	



2D Plane Light Intensity Distribution Curve

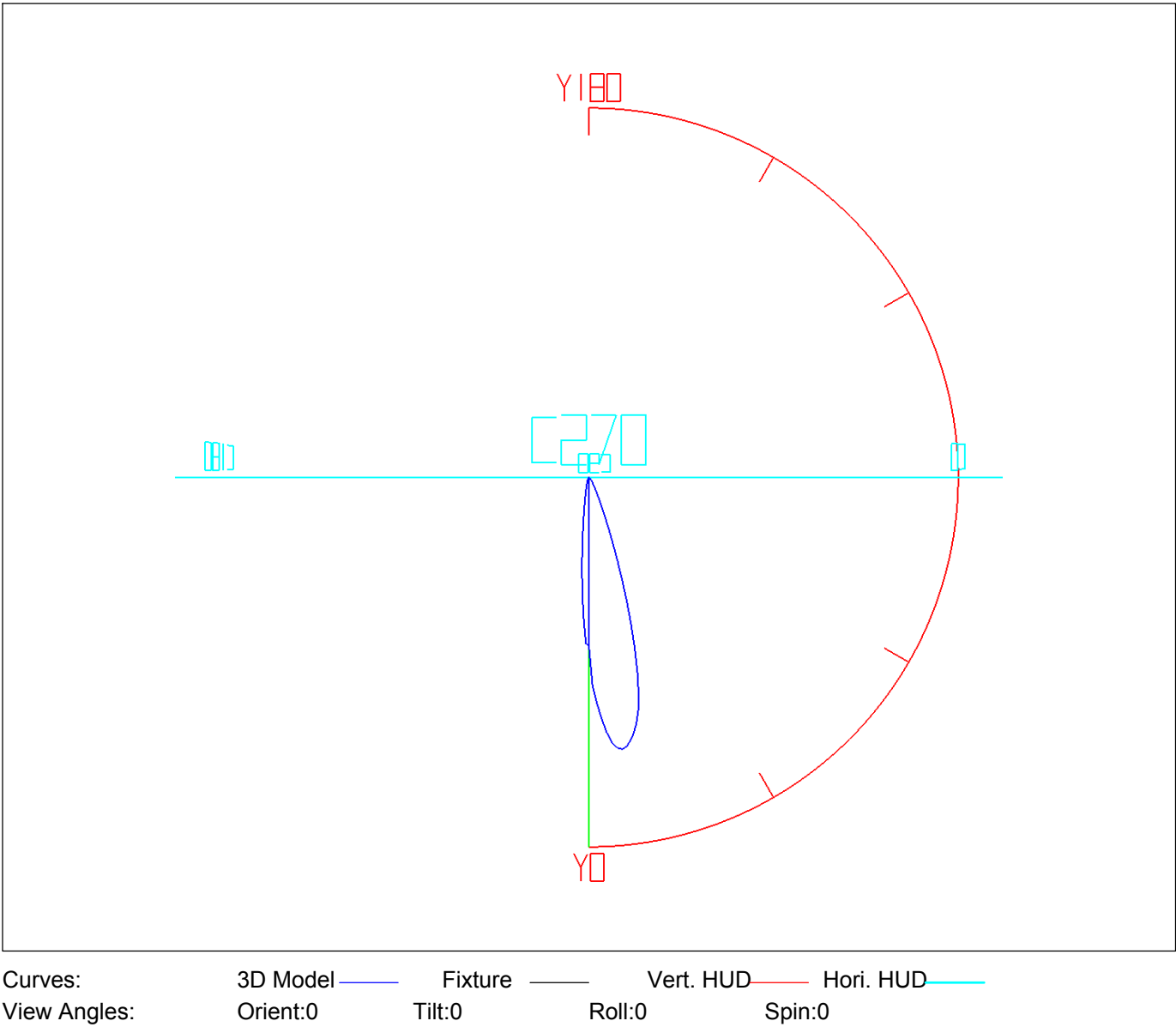
Lum. Name:    WL02-09-XX-01 4000K RA90 24D	Lum. Catalog:	Test ID:    01
Lamp Name:	Lamp Catalog: LED	Test Lab:   Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28



3D Light Intensity Distribution Modal

Lum. Name:    WL02-09-XX-01 4000K RA90 24D	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:WL02-09-XX-01 4000K RA90 24D.IES

Zonal Flux Tabulation

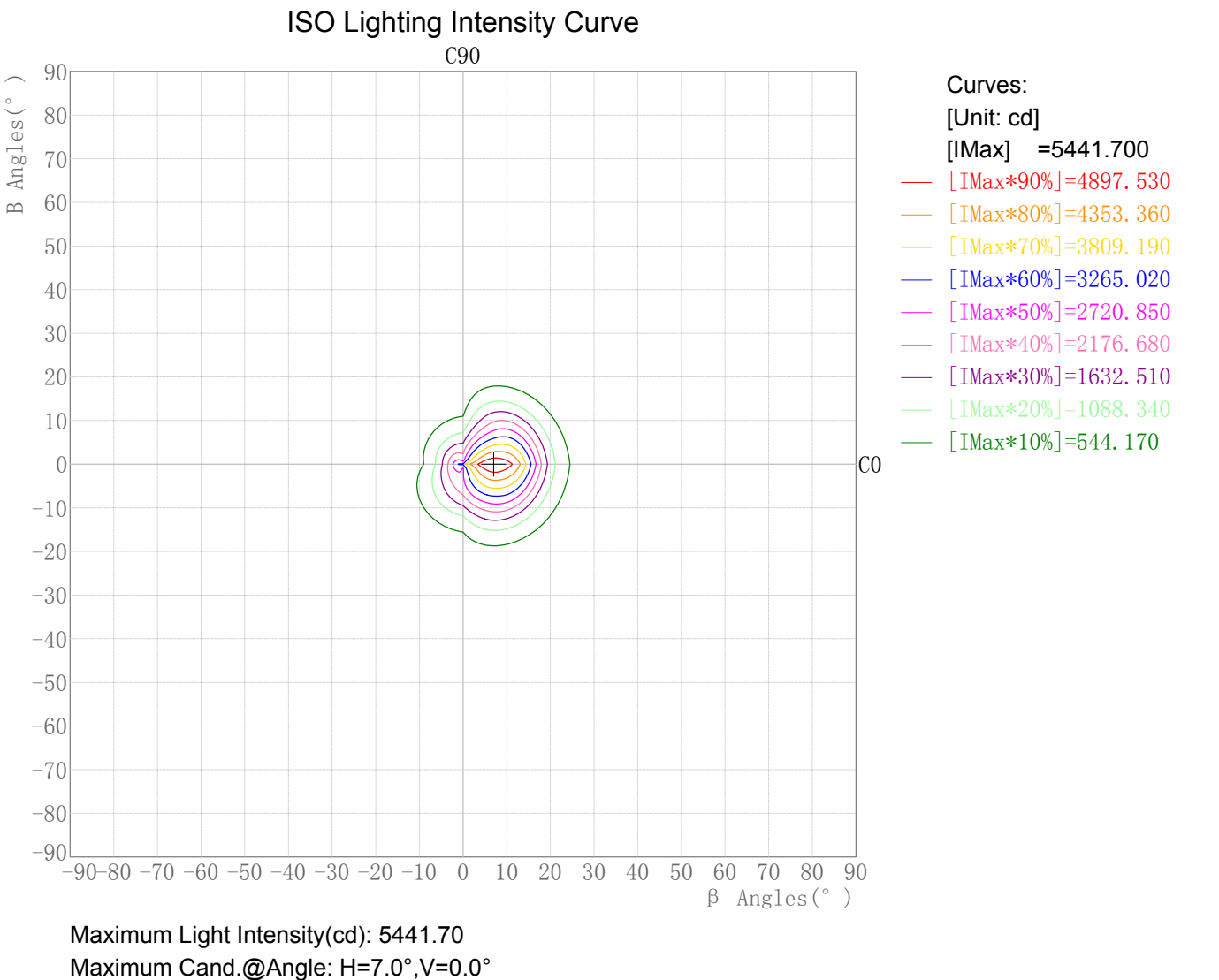
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	3.10	3.10	0.43	0.43	47.0-48.0	1.95	702.99	0.27	96.71
1.0-2.0	8.88	11.98	1.22	1.65	48.0-49.0	1.85	704.84	0.25	96.96
2.0-3.0	14.44	26.41	1.99	3.63	49.0-50.0	1.75	706.58	0.24	97.20
3.0-4.0	19.52	45.93	2.69	6.32	50.0-51.0	1.65	708.23	0.23	97.43
4.0-5.0	24.04	69.97	3.31	9.63	51.0-52.0	1.56	709.79	0.21	97.64
5.0-6.0	27.85	97.82	3.83	13.46	52.0-53.0	1.47	711.26	0.20	97.84
6.0-7.0	30.95	128.77	4.26	17.71	53.0-54.0	1.38	712.64	0.19	98.03
7.0-8.0	33.37	162.14	4.59	22.31	54.0-55.0	1.30	713.94	0.18	98.21
8.0-9.0	35.17	197.31	4.84	27.14	55.0-56.0	1.22	715.17	0.17	98.38
9.0-10.0	36.42	233.73	5.01	32.15	56.0-57.0	1.15	716.31	0.16	98.54
10.0-11.0	37.17	270.90	5.11	37.27	57.0-58.0	1.07	717.39	0.15	98.69
11.0-12.0	37.38	308.28	5.14	42.41	58.0-59.0	1.00	718.39	0.14	98.82
12.0-13.0	36.94	345.22	5.08	47.49	59.0-60.0	0.93	719.32	0.13	98.95
13.0-14.0	35.78	381.00	4.92	52.41	60.0-61.0	0.87	720.19	0.12	99.07
14.0-15.0	33.93	414.93	4.67	57.08	61.0-62.0	0.80	720.99	0.11	99.18
15.0-16.0	31.50	446.43	4.33	61.41	62.0-63.0	0.74	721.73	0.10	99.28
16.0-17.0	28.68	475.11	3.95	65.36	63.0-64.0	0.68	722.40	0.09	99.38
17.0-18.0	25.63	500.74	3.53	68.88	64.0-65.0	0.62	723.02	0.08	99.46
18.0-19.0	22.52	523.26	3.10	71.98	65.0-66.0	0.55	723.57	0.08	99.54
19.0-20.0	19.58	542.84	2.69	74.68	66.0-67.0	0.49	724.07	0.07	99.61
20.0-21.0	16.90	559.74	2.32	77.00	67.0-68.0	0.44	724.51	0.06	99.67
21.0-22.0	14.57	574.31	2.00	79.01	68.0-69.0	0.40	724.91	0.05	99.72
22.0-23.0	12.65	586.96	1.74	80.74	69.0-70.0	0.35	725.26	0.05	99.77
23.0-24.0	11.07	598.03	1.52	82.27	70.0-71.0	0.31	725.57	0.04	99.81
24.0-25.0	9.76	607.79	1.34	83.61	71.0-72.0	0.26	725.83	0.04	99.85
25.0-26.0	8.68	616.47	1.19	84.80	72.0-73.0	0.23	726.06	0.03	99.88
26.0-27.0	7.77	624.24	1.07	85.87	73.0-74.0	0.20	726.26	0.03	99.91
27.0-28.0	7.02	631.25	0.97	86.84	74.0-75.0	0.17	726.43	0.02	99.93
28.0-29.0	6.38	637.64	0.88	87.72	75.0-76.0	0.14	726.56	0.02	99.95
29.0-30.0	5.85	643.48	0.80	88.52	76.0-77.0	0.11	726.67	0.01	99.96
30.0-31.0	5.39	648.87	0.74	89.26	77.0-78.0	0.08	726.75	0.01	99.98
31.0-32.0	4.99	653.87	0.69	89.95	78.0-79.0	0.06	726.82	0.01	99.98
32.0-33.0	4.65	658.51	0.64	90.59	79.0-80.0	0.05	726.87	0.01	99.99
33.0-34.0	4.34	662.85	0.60	91.19	80.0-81.0	0.03	726.90	0.00	100.00
34.0-35.0	4.07	666.92	0.56	91.75	81.0-82.0	0.02	726.92	0.00	100.00
35.0-36.0	3.82	670.75	0.53	92.27	82.0-83.0	0.01	726.93	0.00	100.00
36.0-37.0	3.60	674.35	0.49	92.77	83.0-84.0	0.00	726.93	0.00	100.00
37.0-38.0	3.39	677.74	0.47	93.23	84.0-85.0	0.00	726.93	0.00	100.00
38.0-39.0	3.21	680.94	0.44	93.67	85.0-86.0	0.00	726.93	0.00	100.00
39.0-40.0	3.03	683.97	0.42	94.09	86.0-87.0	0.00	726.93	0.00	100.00
40.0-41.0	2.86	686.83	0.39	94.48	87.0-88.0	0.00	726.93	0.00	100.00
41.0-42.0	2.71	689.54	0.37	94.86	88.0-89.0	0.00	726.93	0.00	100.00
42.0-43.0	2.56	692.10	0.35	95.21	89.0-90.0	0.00	726.93	0.00	100.00
43.0-44.0	2.42	694.52	0.33	95.54	90.0-91.0	0.00	726.93	0.00	100.00
44.0-45.0	2.29	696.81	0.32	95.86	91.0-92.0	0.00	726.93	0.00	100.00
45.0-46.0	2.17	698.98	0.30	96.16	92.0-93.0	0.00	726.93	0.00	100.00
46.0-47.0	2.06	701.04	0.28	96.44	93.0-94.0	0.00	726.93	0.00	100.00

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. 00	726. 93	0. 00	100. 00	141. 0-142. 0	0. 00	726. 93	0. 00	100. 00
95. 0-96. 0	0. 00	726. 93	0. 00	100. 00	142. 0-143. 0	0. 00	726. 93	0. 00	100. 00
96. 0-97. 0	0. 00	726. 93	0. 00	100. 00	143. 0-144. 0	0. 00	726. 93	0. 00	100. 00
97. 0-98. 0	0. 00	726. 93	0. 00	100. 00	144. 0-145. 0	0. 00	726. 93	0. 00	100. 00
98. 0-99. 0	0. 00	726. 93	0. 00	100. 00	145. 0-146. 0	0. 00	726. 93	0. 00	100. 00
99. 0-100. 0	0. 00	726. 93	0. 00	100. 00	146. 0-147. 0	0. 00	726. 93	0. 00	100. 00
100. 0-101. 0	0. 00	726. 93	0. 00	100. 00	147. 0-148. 0	0. 00	726. 93	0. 00	100. 00
101. 0-102. 0	0. 00	726. 93	0. 00	100. 00	148. 0-149. 0	0. 00	726. 93	0. 00	100. 00
102. 0-103. 0	0. 00	726. 93	0. 00	100. 00	149. 0-150. 0	0. 00	726. 93	0. 00	100. 00
103. 0-104. 0	0. 00	726. 93	0. 00	100. 00	150. 0-151. 0	0. 00	726. 93	0. 00	100. 00
104. 0-105. 0	0. 00	726. 93	0. 00	100. 00	151. 0-152. 0	0. 00	726. 93	0. 00	100. 00
105. 0-106. 0	0. 00	726. 93	0. 00	100. 00	152. 0-153. 0	0. 00	726. 93	0. 00	100. 00
106. 0-107. 0	0. 00	726. 93	0. 00	100. 00	153. 0-154. 0	0. 00	726. 93	0. 00	100. 00
107. 0-108. 0	0. 00	726. 93	0. 00	100. 00	154. 0-155. 0	0. 00	726. 93	0. 00	100. 00
108. 0-109. 0	0. 00	726. 93	0. 00	100. 00	155. 0-156. 0	0. 00	726. 93	0. 00	100. 00
109. 0-110. 0	0. 00	726. 93	0. 00	100. 00	156. 0-157. 0	0. 00	726. 93	0. 00	100. 00
110. 0-111. 0	0. 00	726. 93	0. 00	100. 00	157. 0-158. 0	0. 00	726. 93	0. 00	100. 00
111. 0-112. 0	0. 00	726. 93	0. 00	100. 00	158. 0-159. 0	0. 00	726. 93	0. 00	100. 00
112. 0-113. 0	0. 00	726. 93	0. 00	100. 00	159. 0-160. 0	0. 00	726. 93	0. 00	100. 00
113. 0-114. 0	0. 00	726. 93	0. 00	100. 00	160. 0-161. 0	0. 00	726. 93	0. 00	100. 00
114. 0-115. 0	0. 00	726. 93	0. 00	100. 00	161. 0-162. 0	0. 00	726. 93	0. 00	100. 00
115. 0-116. 0	0. 00	726. 93	0. 00	100. 00	162. 0-163. 0	0. 00	726. 93	0. 00	100. 00
116. 0-117. 0	0. 00	726. 93	0. 00	100. 00	163. 0-164. 0	0. 00	726. 93	0. 00	100. 00
117. 0-118. 0	0. 00	726. 93	0. 00	100. 00	164. 0-165. 0	0. 00	726. 93	0. 00	100. 00
118. 0-119. 0	0. 00	726. 93	0. 00	100. 00	165. 0-166. 0	0. 00	726. 93	0. 00	100. 00
119. 0-120. 0	0. 00	726. 93	0. 00	100. 00	166. 0-167. 0	0. 00	726. 93	0. 00	100. 00
120. 0-121. 0	0. 00	726. 93	0. 00	100. 00	167. 0-168. 0	0. 00	726. 93	0. 00	100. 00
121. 0-122. 0	0. 00	726. 93	0. 00	100. 00	168. 0-169. 0	0. 00	726. 93	0. 00	100. 00
122. 0-123. 0	0. 00	726. 93	0. 00	100. 00	169. 0-170. 0	0. 00	726. 93	0. 00	100. 00
123. 0-124. 0	0. 00	726. 93	0. 00	100. 00	170. 0-171. 0	0. 00	726. 93	0. 00	100. 00
124. 0-125. 0	0. 00	726. 93	0. 00	100. 00	171. 0-172. 0	0. 00	726. 93	0. 00	100. 00
125. 0-126. 0	0. 00	726. 93	0. 00	100. 00	172. 0-173. 0	0. 00	726. 93	0. 00	100. 00
126. 0-127. 0	0. 00	726. 93	0. 00	100. 00	173. 0-174. 0	0. 00	726. 93	0. 00	100. 00
127. 0-128. 0	0. 00	726. 93	0. 00	100. 00	174. 0-175. 0	0. 00	726. 93	0. 00	100. 00
128. 0-129. 0	0. 00	726. 93	0. 00	100. 00	175. 0-176. 0	0. 00	726. 93	0. 00	100. 00
129. 0-130. 0	0. 00	726. 93	0. 00	100. 00	176. 0-177. 0	0. 00	726. 93	0. 00	100. 00
130. 0-131. 0	0. 00	726. 93	0. 00	100. 00	177. 0-178. 0	0. 00	726. 93	0. 00	100. 00
131. 0-132. 0	0. 00	726. 93	0. 00	100. 00	178. 0-179. 0	0. 00	726. 93	0. 00	100. 00
132. 0-133. 0	0. 00	726. 93	0. 00	100. 00	179. 0-180. 0	0. 00	726. 93	0. 00	100. 00
133. 0-134. 0	0. 00	726. 93	0. 00	100. 00					
134. 0-135. 0	0. 00	726. 93	0. 00	100. 00					
135. 0-136. 0	0. 00	726. 93	0. 00	100. 00					
136. 0-137. 0	0. 00	726. 93	0. 00	100. 00					
137. 0-138. 0	0. 00	726. 93	0. 00	100. 00					
138. 0-139. 0	0. 00	726. 93	0. 00	100. 00					
139. 0-140. 0	0. 00	726. 93	0. 00	100. 00					
140. 0-141. 0	0. 00	726. 93	0. 00	100. 00					

Rectangle ISO Lighting Intensity Diagram

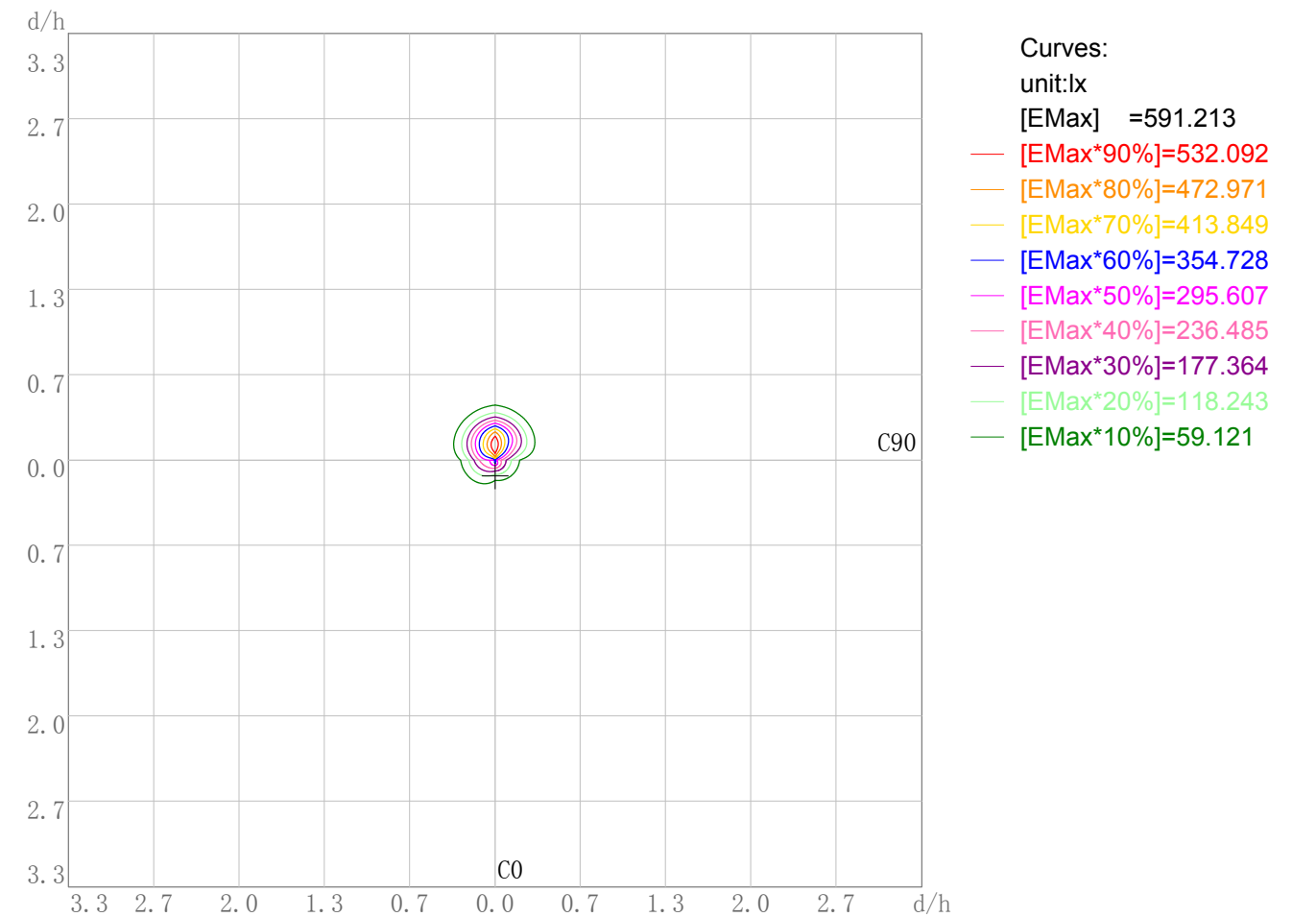
Lum. Name:    WL02-09-XX-01 4000K RA90 24D	Lum. Catalog:	Test ID:    01
Lamp Name:	Lamp Catalog: LED	Test Lab:   Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/28



Plane ISO-Illuminance Diagram

Lum. Name:    WL02-09-XX-01 4000K RA90 24D	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): 591.21  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.1

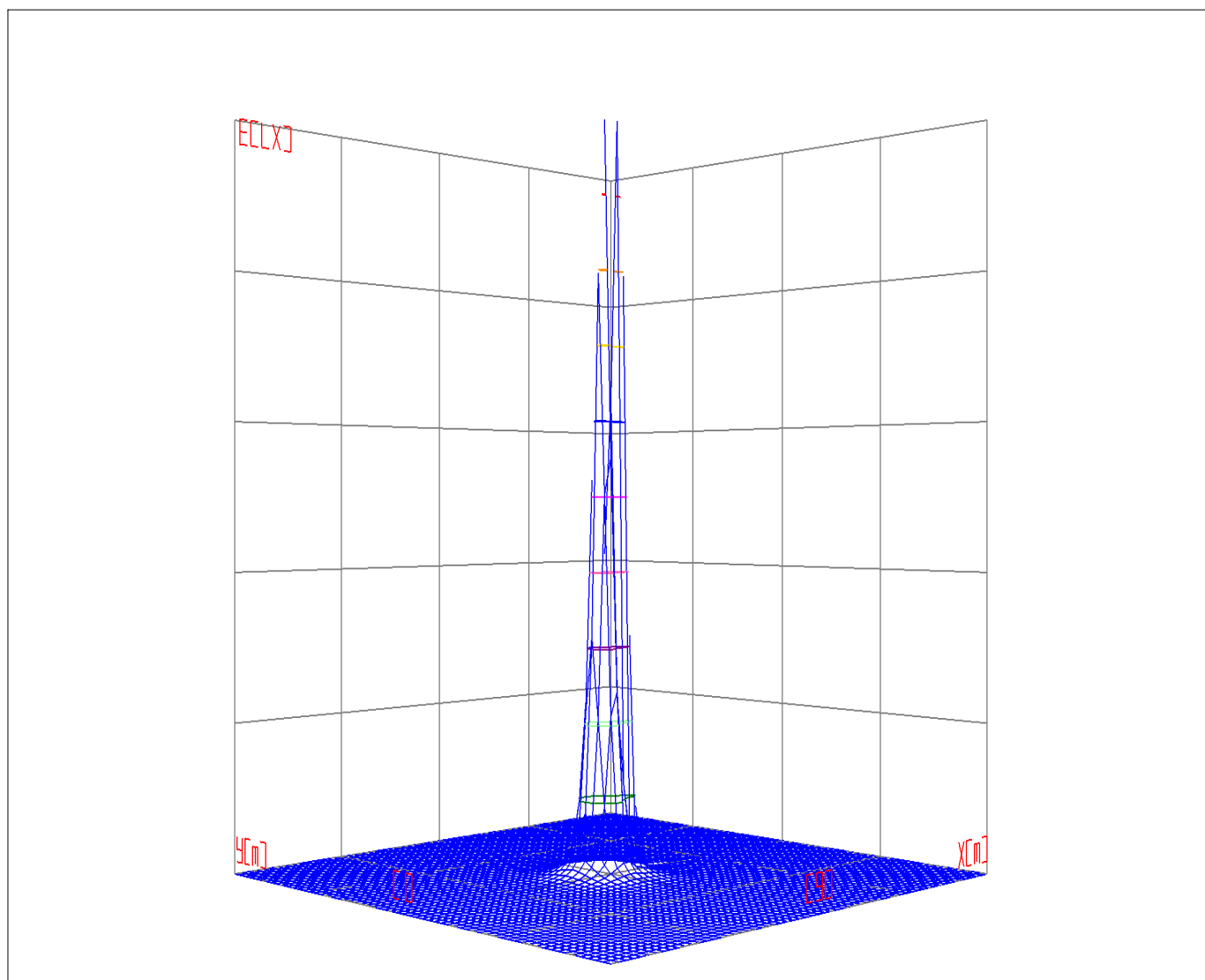
# IES Indoor Report

Photometric Filename:WL02-09-XX-01 4000K RA90 24D.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: WL02-09-XX-01 4000K RA90 24D	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



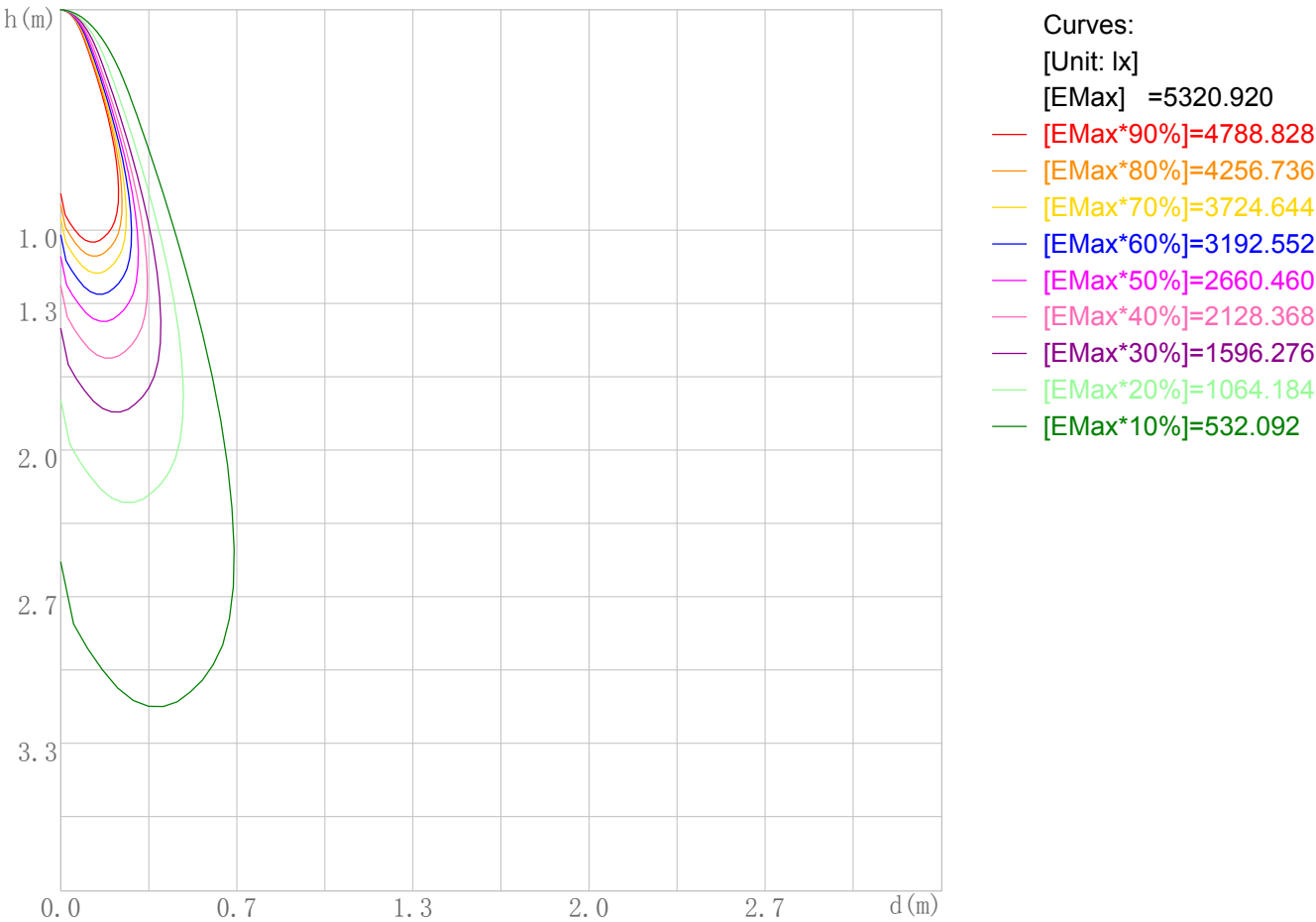
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name: WL02-09-XX-01 4000K RA90 24D	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

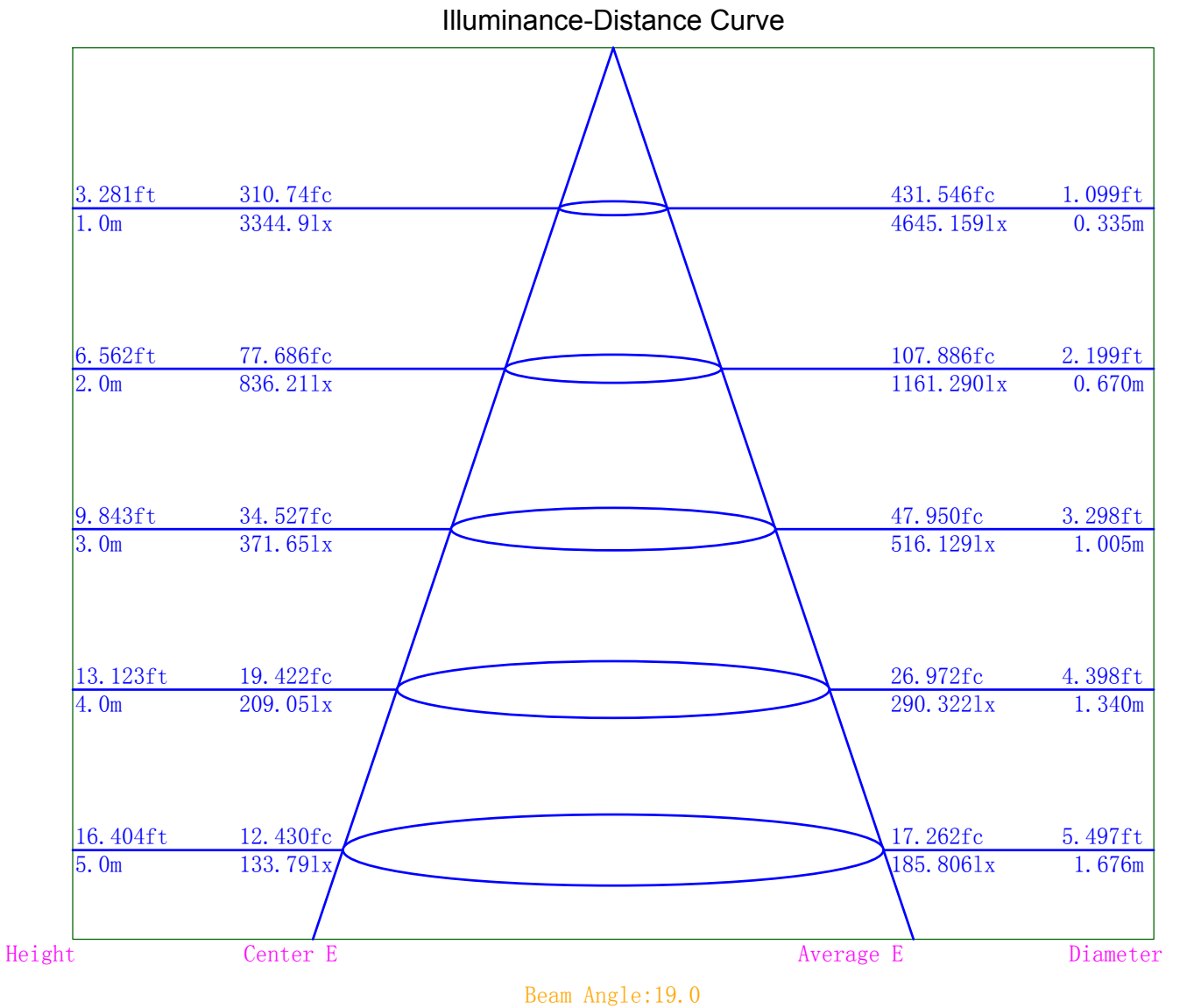
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:5320.92lx,7.0deg  
Plane Maximum Lighting Intensity and @Angle:5441.700cd,0deg

Illuminance-Distance Diagram

Lum. Name:    WL02-09-XX-01 4000K RA90 24D	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 Luminance Limiting Curves

Lum. Name: WL02-09-XX-01 4000K RA90 24D	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

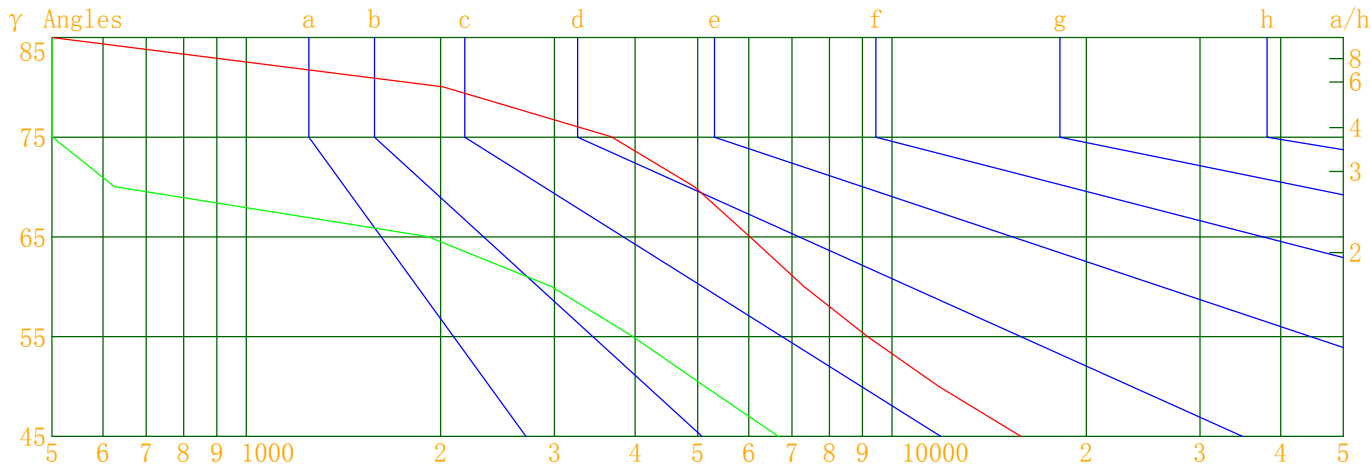
Glare Grade Table

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	15832	11815	9163	7305	6021	4941	3675	2016	0
C90	6670	5132	3967	2968	1910	625	0	0	0

Luminance Limiting Curve



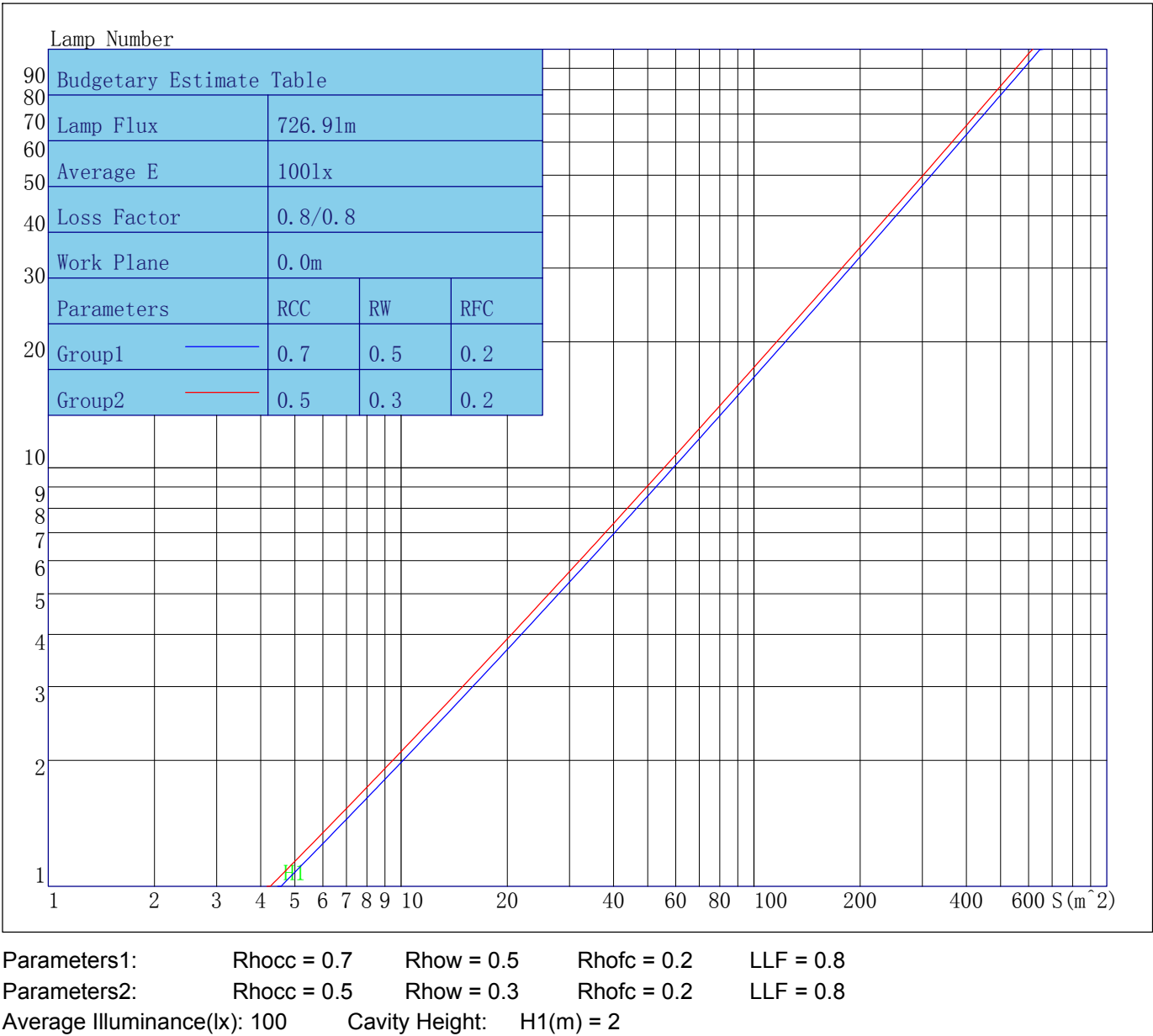
Luminous Size: Length(m)=-0.076 Width(m)=-0.076 Height(m)=0.000 Area(m^2)=0.004536

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: WL02-09-XX-01 4000K RA90 24D	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:    WL02-09-XX-01 4000K RA90 24D	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	111	111	111	106	106	106	102	102	102	100
1	115	112	110	108	112	110	108	107	106	105	103	103	101	100	99	98	98	96
2	110	106	103	100	108	105	102	99	102	99	97	99	97	95	96	95	93	92
3	106	101	97	94	105	100	96	93	97	94	92	95	93	91	93	91	89	88
4	103	97	92	89	101	96	92	89	94	90	88	92	89	87	90	88	86	84
5	99	93	88	85	98	92	88	85	90	87	84	89	86	83	87	85	83	81
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	78
7	93	86	81	78	92	85	81	78	84	80	78	83	80	77	82	79	77	76
8	90	83	79	76	89	83	78	75	82	78	75	81	77	75	80	77	75	73
9	88	80	76	73	87	80	76	73	79	75	73	78	75	72	78	75	72	71
10	85	78	74	71	84	78	73	71	77	73	71	76	73	70	76	72	70	69

Unified Glare Rating Table

Lum. Name: WL02-09-XX-01 4000K RA90 24D	Lum. Catelog:	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

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 Y=3H Y=4H Y=6H Y=8H Y=12H	15.6	17.0	16.0	17.3	17.6	11.0	12.4	11.4	12.7	13.0
	16.0	17.2	16.4	17.5	17.9	11.0	12.2	11.4	12.6	12.9
	16.1	17.2	16.5	17.6	18.0	10.9	12.1	11.3	12.4	12.8
	16.0	17.2	16.5	17.5	17.9	10.8	11.9	11.2	12.3	12.7
	16.0	17.1	16.4	17.5	17.9	10.7	11.8	11.2	12.2	12.6
	15.9	17.0	16.4	17.4	17.8	10.7	11.7	11.1	12.1	12.5
X=4H    Y=2H Y=3H Y=4H Y=6H Y=8H Y=12H	15.6	16.8	16.0	17.1	17.5	11.2	12.3	11.6	12.7	13.1
	16.0	17.0	16.4	17.4	17.8	11.2	12.2	11.6	12.6	13.0
	16.1	17.1	16.5	17.5	17.9	11.1	12.1	11.5	12.5	12.9
	16.1	17.0	16.6	17.5	17.9	11.0	11.9	11.4	12.3	12.8
	16.0	16.9	16.5	17.4	17.8	10.9	11.8	11.3	12.2	12.7
	16.0	16.8	16.5	17.3	17.8	10.8	11.6	11.3	12.1	12.6
X=8H    Y=4H Y=6H Y=8H Y=12H	16.0	16.9	16.4	17.3	17.8	11.0	11.9	11.4	12.3	12.8
	16.0	16.8	16.5	17.2	17.9	10.9	11.6	11.3	12.1	12.7
	15.9	16.6	16.4	17.1	17.6	10.8	11.5	11.3	12.0	12.5
	15.9	16.5	16.4	17.0	17.6	10.7	11.4	11.2	11.9	12.5
X=12H   Y=4H Y=6H Y=8H	15.9	16.7	16.4	17.2	17.7	10.9	11.8	11.4	12.2	12.7
	15.9	16.7	16.4	17.1	17.6	10.8	11.6	11.3	12.0	12.5
	15.9	16.5	16.4	17.0	17.6	10.7	11.4	11.2	11.9	12.5
Variations with the objerver position at spacings										
S=1.0H	1.2/-1.5					1.6/-2.1				
S=1.5H	1.8/-2.4					2.3/-3.1				
S=2.0H	2.4/-3.3					4.7/-6.5				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.7					0.4				

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	3344.85	3344.85	3344.85	3344.85
γ 1.0	4139.78	2414.63	3312.22	2628.27
γ 2.0	4478.45	2243.57	2861.49	2672.25
γ 3.0	4790.95	2042.14	2394.15	2659.30
γ 4.0	5080.51	1817.49	1936.96	2607.98
γ 5.0	5289.42	1582.48	1527.95	2506.15
γ 6.0	5406.46	1352.50	1176.15	2359.98
γ 7.0	5441.70	1129.51	896.62	2180.93
γ 8.0	5404.80	937.53	692.00	1969.19
γ 9.0	5293.99	777.87	543.40	1739.12
γ 10.0	5155.19	647.49	435.89	1503.44
γ 11.0	4966.80	542.33	358.55	1270.62
γ 12.0	4725.26	457.14	299.46	1056.42
γ 13.0	4395.19	388.92	254.25	875.03
γ 14.0	3992.62	334.90	218.32	722.69
γ 15.0	3536.95	292.04	189.25	599.71
γ 16.0	3058.14	256.20	164.66	501.26
γ 17.0	2591.56	226.82	144.04	423.48
γ 18.0	2142.17	202.23	126.14	361.02
γ 19.0	1743.07	181.15	111.28	311.49
γ 20.0	1400.39	162.59	98.64	270.32
γ 21.0	1117.97	146.80	87.40	236.11
γ 22.0	894.53	132.93	78.02	207.07
γ 23.0	724.45	120.94	70.10	182.59
γ 24.0	591.95	110.48	63.37	161.05
γ 25.0	489.17	101.08	57.51	142.71
γ 26.0	407.92	92.73	52.51	126.82
γ 27.0	344.09	85.15	48.26	113.30
γ 28.0	293.22	78.53	44.70	101.32
γ 29.0	252.89	72.37	41.62	91.14
γ 30.0	220.20	66.51	38.95	82.32
γ 31.0	193.94	61.50	36.50	74.57
γ 32.0	171.75	56.91	34.29	67.90
γ 33.0	153.35	52.54	32.40	61.93
γ 34.0	137.70	48.53	30.63	56.82
γ 35.0	124.27	44.96	28.93	52.33
γ 36.0	112.51	41.71	27.33	48.29
γ 37.0	102.21	38.61	25.70	44.86
γ 38.0	93.25	35.77	24.25	42.04
γ 39.0	85.04	33.17	22.77	39.32
γ 40.0	77.71	30.95	21.37	36.83
γ 41.0	71.21	28.63	19.97	34.65
γ 42.0	65.40	26.63	18.61	32.73
γ 43.0	60.00	24.74	17.52	30.86
γ 44.0	55.11	23.01	16.28	29.25
γ 45.0	50.79	21.40	15.23	27.64
γ 46.0	46.75	19.90	14.20	26.09

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	43.34	18.52	13.38	24.61
γ 48.0	40.22	17.18	12.49	23.15
γ 49.0	37.18	16.08	11.60	21.88
γ 50.0	34.45	14.96	10.82	20.59
γ 51.0	31.95	13.87	9.96	19.47
γ 52.0	29.72	12.98	9.19	18.18
γ 53.0	27.56	12.03	8.37	17.07
γ 54.0	25.57	11.21	7.62	16.01
γ 55.0	23.84	10.32	6.94	14.91
γ 56.0	22.17	9.65	6.38	14.09
γ 57.0	20.53	8.88	5.66	13.11
γ 58.0	19.11	8.19	4.96	12.24
γ 59.0	17.78	7.40	4.46	11.49
γ 60.0	16.57	6.73	3.83	10.68
γ 61.0	15.46	6.08	3.33	10.06
γ 62.0	14.34	5.42	2.68	9.27
γ 63.0	13.32	4.84	2.14	8.60
γ 64.0	12.44	4.23	1.63	7.94
γ 65.0	11.54	3.66	1.07	7.28
γ 66.0	10.66	3.11	0.57	6.57
γ 67.0	9.90	2.58	0.04	5.95
γ 68.0	9.08	2.04	0.00	5.40
γ 69.0	8.44	1.51	0.00	4.75
γ 70.0	7.67	0.97	0.00	4.13
γ 71.0	7.04	0.45	0.00	3.56
γ 72.0	6.31	0.00	0.00	3.02
γ 73.0	5.63	0.00	0.00	2.40
γ 74.0	5.02	0.00	0.00	1.92
γ 75.0	4.32	0.00	0.00	1.38
γ 76.0	3.77	0.00	0.00	0.81
γ 77.0	3.19	0.00	0.00	0.31
γ 78.0	2.65	0.00	0.00	0.00
γ 79.0	2.17	0.00	0.00	0.00
γ 80.0	1.59	0.00	0.00	0.00
γ 81.0	0.98	0.00	0.00	0.00
γ 82.0	0.41	0.00	0.00	0.00
γ 83.0	0.00	0.00	0.00	0.00
γ 84.0	0.00	0.00	0.00	0.00
γ 85.0	0.00	0.00	0.00	0.00
γ 86.0	0.00	0.00	0.00	0.00
γ 87.0	0.00	0.00	0.00	0.00
γ 88.0	0.00	0.00	0.00	0.00
γ 89.0	0.00	0.00	0.00	0.00
γ 90.0	0.00	0.00	0.00	0.00
γ 91.0	0.00	0.00	0.00	0.00
γ 92.0	0.00	0.00	0.00	0.00
γ 93.0	0.00	0.00	0.00	0.00

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00
γ 96.0	0.00	0.00	0.00	0.00
γ 97.0	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00
γ 133.0	0.00	0.00	0.00	0.00
γ 134.0	0.00	0.00	0.00	0.00
γ 135.0	0.00	0.00	0.00	0.00
γ 136.0	0.00	0.00	0.00	0.00
γ 137.0	0.00	0.00	0.00	0.00
γ 138.0	0.00	0.00	0.00	0.00
γ 139.0	0.00	0.00	0.00	0.00
γ 140.0	0.00	0.00	0.00	0.00

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.00	0.00	0.00	0.00
γ 142.0	0.00	0.00	0.00	0.00
γ 143.0	0.00	0.00	0.00	0.00
γ 144.0	0.00	0.00	0.00	0.00
γ 145.0	0.00	0.00	0.00	0.00
γ 146.0	0.00	0.00	0.00	0.00
γ 147.0	0.00	0.00	0.00	0.00
γ 148.0	0.00	0.00	0.00	0.00
γ 149.0	0.00	0.00	0.00	0.00
γ 150.0	0.00	0.00	0.00	0.00
γ 151.0	0.00	0.00	0.00	0.00
γ 152.0	0.00	0.00	0.00	0.00
γ 153.0	0.00	0.00	0.00	0.00
γ 154.0	0.00	0.00	0.00	0.00
γ 155.0	0.00	0.00	0.00	0.00
γ 156.0	0.00	0.00	0.00	0.00
γ 157.0	0.00	0.00	0.00	0.00
γ 158.0	0.00	0.00	0.00	0.00
γ 159.0	0.00	0.00	0.00	0.00
γ 160.0	0.00	0.00	0.00	0.00
γ 161.0	0.00	0.00	0.00	0.00
γ 162.0	0.00	0.00	0.00	0.00
γ 163.0	0.00	0.00	0.00	0.00
γ 164.0	0.00	0.00	0.00	0.00
γ 165.0	0.00	0.00	0.00	0.00
γ 166.0	0.00	0.00	0.00	0.00
γ 167.0	0.00	0.00	0.00	0.00
γ 168.0	0.00	0.00	0.00	0.00
γ 169.0	0.00	0.00	0.00	0.00
γ 170.0	0.00	0.00	0.00	0.00
γ 171.0	0.00	0.00	0.00	0.00
γ 172.0	0.00	0.00	0.00	0.00
γ 173.0	0.00	0.00	0.00	0.00
γ 174.0	0.00	0.00	0.00	0.00
γ 175.0	0.00	0.00	0.00	0.00
γ 176.0	0.00	0.00	0.00	0.00
γ 177.0	0.00	0.00	0.00	0.00
γ 178.0	0.00	0.00	0.00	0.00
γ 179.0	0.00	0.00	0.00	0.00
γ 180.0	0.00	0.00	0.00	0.00