

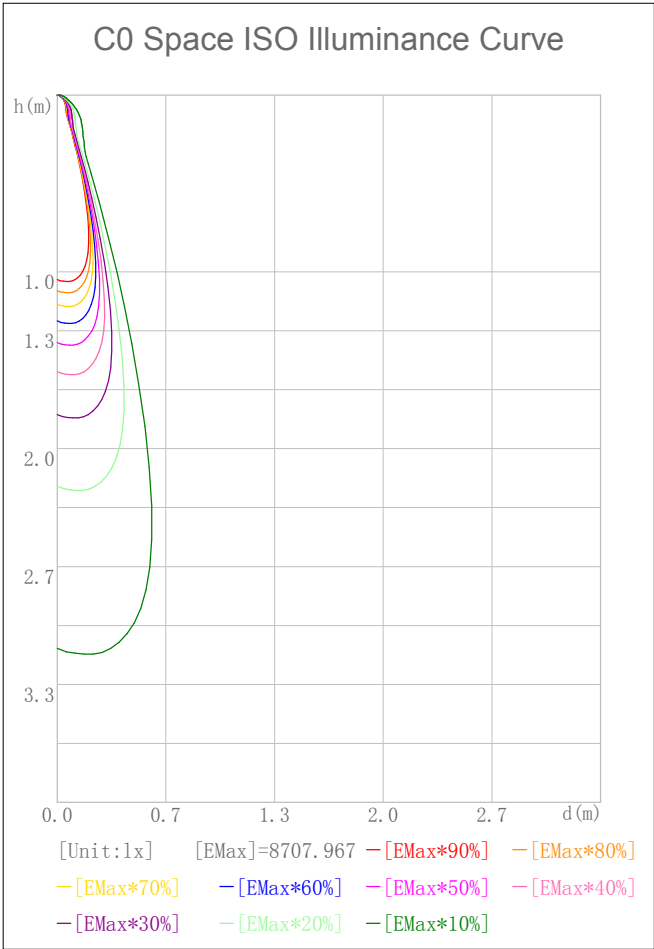
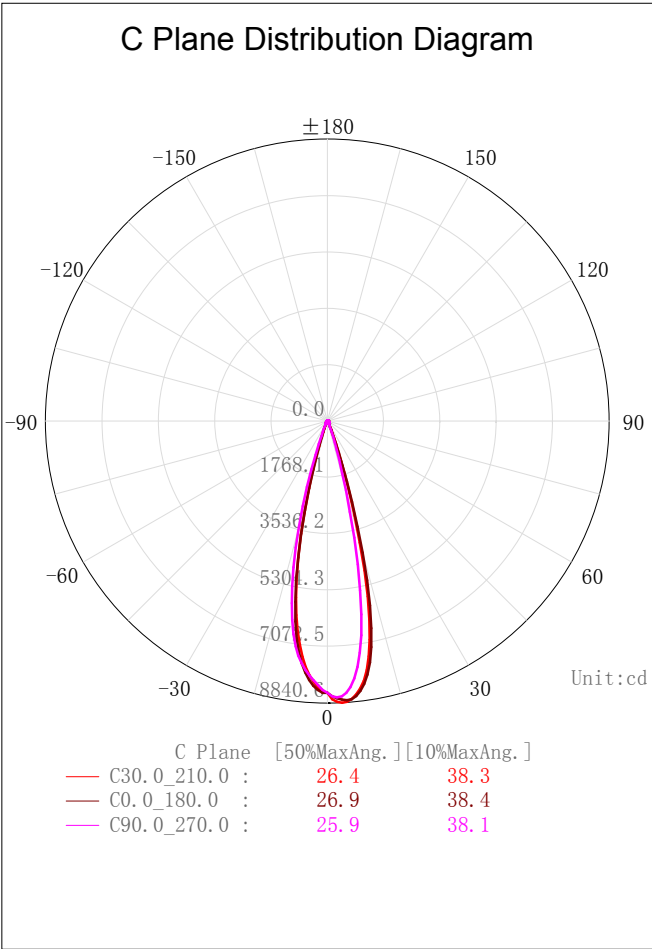
Indoor Luminaire Photometric Data

Description Information

Luminary Name: AD10100-20W-4000K-RA90-24D-BK		Lum. Catalog: 天花灯	Test ID:
Lamp Name: 1204C4		Lamp Catalog: COB	Test Date: 2022/05/26
Manufacture:		Shld. Ang(°):24	Test Machine:GON-2000
Test Lab: Test		Frequency(Hz):50	Lamp CCT(K): 4000 Ra: 90
Lum. Size (W*L*H):0.000m*0.000m*0.000m		Lum. Area (m2):0.000	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

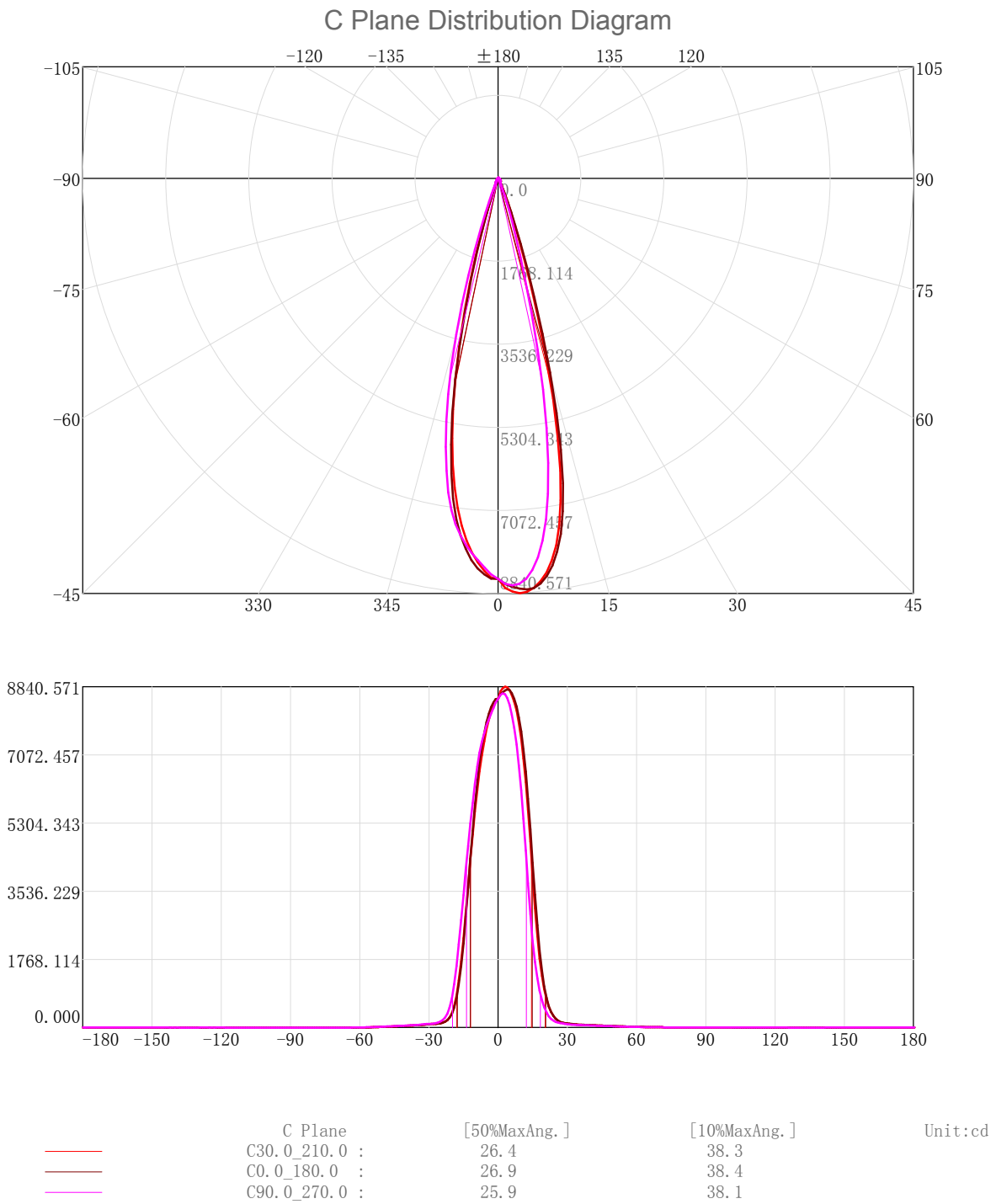
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2200.000	Luminary Flux(lm): 1819.842	Field Angle(10%Imax): 38.3(°)	
Rated Power(W): 20	Luminary Efficiency: 82.72%	Down Lumens&Percent: 1794.135lm 98.59%	
Rated Voltage(V): 220	Luminary EER(lm/W): 86.991	Up Lumens&Percent: 25.707lm 1.41%	
Tested Power(W): 20.920	Max. Candela(cd): 8840.571	S/MH: CO_a180=0.467 C90_270=0.447	
Lamps' Inside: 1	Max Cand@Ang.(°): C=30.0 γ=3.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):220.4, 0.096, 0.981		ErP Φuse(90°): 1686.860lm	
Lamp Size(W*L*H):0.000m*0.000m*0.000m		IRF(%): 881.880	



2D Plane Light Intensity Distribution Curve

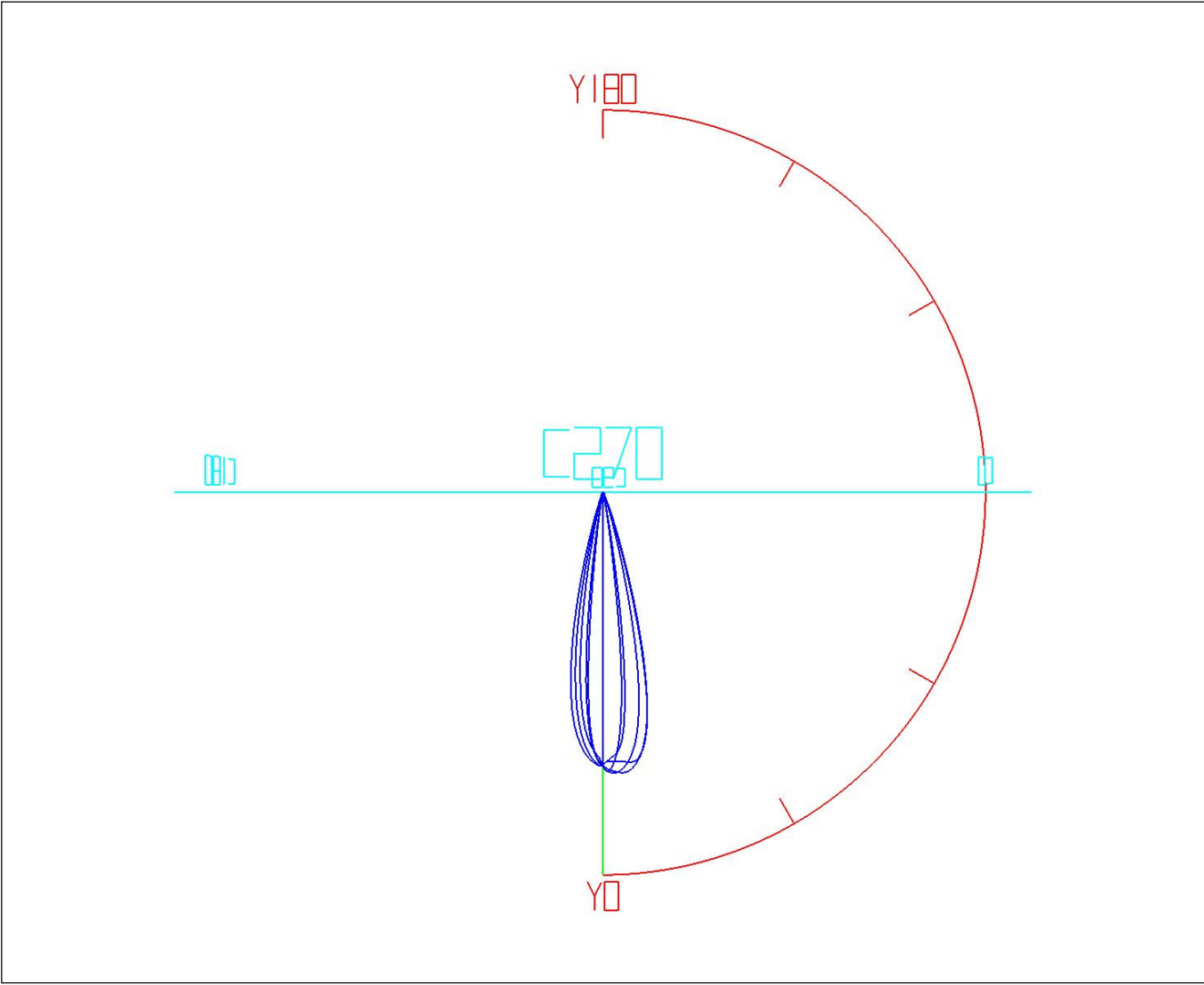
Lum. Name:AD10100-20W-4000K-RA90-24D-BK	Lum. Catelog:天花灯	Test ID:
Lamp Name:1204C4	Lamp Catelog:C0B	Test Lab:Test
Manufacture:	Test Machine:GON-2000	Test Date:2022/05/26



3D Light Intensity Distribution Modal

Lum. Name: AD10100-20W-4000K-RA90-24D-BK	Lum. Catelog: 天花灯	Test ID:
Lamp Name: 1204C4	Lamp Catelog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2022/05/26

3D Light Intensity Distribution Modal



Curves:

3D Model

Fixture

Vert. HUD

Hori. HUD

View Angles:

Orient:0

Tilt:0

Roll:0

Spin:0

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	8.15	8.15	0.37	0.37	47.0-48.0	3.09	1750.64	0.14	79.57
1.0-2.0	24.37	32.52	1.11	1.48	48.0-49.0	2.93	1753.57	0.13	79.71
2.0-3.0	40.32	72.84	1.83	3.31	49.0-50.0	2.76	1756.33	0.13	79.83
3.0-4.0	55.81	128.65	2.54	5.85	50.0-51.0	2.60	1758.93	0.12	79.95
4.0-5.0	70.57	199.23	3.21	9.06	51.0-52.0	2.44	1761.37	0.11	80.06
5.0-6.0	84.29	283.52	3.83	12.89	52.0-53.0	2.27	1763.64	0.10	80.17
6.0-7.0	96.59	380.11	4.39	17.28	53.0-54.0	2.12	1765.77	0.10	80.26
7.0-8.0	107.00	487.11	4.86	22.14	54.0-55.0	1.97	1767.74	0.09	80.35
8.0-9.0	115.04	602.15	5.23	27.37	55.0-56.0	1.83	1769.57	0.08	80.43
9.0-10.0	120.16	722.31	5.46	32.83	56.0-57.0	1.69	1771.25	0.08	80.51
10.0-11.0	121.97	844.28	5.54	38.38	57.0-58.0	1.55	1772.81	0.07	80.58
11.0-12.0	120.24	964.52	5.47	43.84	58.0-59.0	1.43	1774.23	0.06	80.65
12.0-13.0	114.88	1079.40	5.22	49.06	59.0-60.0	1.32	1775.55	0.06	80.71
13.0-14.0	106.21	1185.61	4.83	53.89	60.0-61.0	1.20	1776.75	0.05	80.76
14.0-15.0	94.85	1280.45	4.31	58.20	61.0-62.0	1.10	1777.85	0.05	80.81
15.0-16.0	81.82	1362.28	3.72	61.92	62.0-63.0	1.00	1778.85	0.05	80.86
16.0-17.0	68.28	1430.56	3.10	65.03	63.0-64.0	0.91	1779.76	0.04	80.90
17.0-18.0	55.24	1485.80	2.51	67.54	64.0-65.0	0.83	1780.59	0.04	80.94
18.0-19.0	43.54	1529.35	1.98	69.52	65.0-66.0	0.77	1781.36	0.03	80.97
19.0-20.0	33.61	1562.95	1.53	71.04	66.0-67.0	0.71	1782.07	0.03	81.00
20.0-21.0	25.59	1588.54	1.16	72.21	67.0-68.0	0.67	1782.74	0.03	81.03
21.0-22.0	19.39	1607.94	0.88	73.09	68.0-69.0	0.63	1783.37	0.03	81.06
22.0-23.0	14.79	1622.72	0.67	73.76	69.0-70.0	0.60	1783.97	0.03	81.09
23.0-24.0	11.49	1634.22	0.52	74.28	70.0-71.0	0.58	1784.56	0.03	81.12
24.0-25.0	9.22	1643.43	0.42	74.70	71.0-72.0	0.56	1785.12	0.03	81.14
25.0-26.0	7.71	1651.14	0.35	75.05	72.0-73.0	0.55	1785.67	0.03	81.17
26.0-27.0	6.75	1657.89	0.31	75.36	73.0-74.0	0.54	1786.21	0.02	81.19
27.0-28.0	6.15	1664.05	0.28	75.64	74.0-75.0	0.53	1786.74	0.02	81.22
28.0-29.0	5.79	1669.84	0.26	75.90	75.0-76.0	0.53	1787.27	0.02	81.24
29.0-30.0	5.55	1675.38	0.25	76.15	76.0-77.0	0.52	1787.79	0.02	81.26
30.0-31.0	5.34	1680.73	0.24	76.40	77.0-78.0	0.51	1788.30	0.02	81.29
31.0-32.0	5.15	1685.88	0.23	76.63	78.0-79.0	0.51	1788.81	0.02	81.31
32.0-33.0	4.97	1690.85	0.23	76.86	79.0-80.0	0.51	1789.31	0.02	81.33
33.0-34.0	4.81	1695.66	0.22	77.08	80.0-81.0	0.50	1789.81	0.02	81.36
34.0-35.0	4.67	1700.33	0.21	77.29	81.0-82.0	0.50	1790.31	0.02	81.38
35.0-36.0	4.55	1704.87	0.21	77.49	82.0-83.0	0.49	1790.80	0.02	81.40
36.0-37.0	4.43	1709.30	0.20	77.70	83.0-84.0	0.49	1791.29	0.02	81.42
37.0-38.0	4.33	1713.63	0.20	77.89	84.0-85.0	0.48	1791.78	0.02	81.44
38.0-39.0	4.22	1717.85	0.19	78.08	85.0-86.0	0.48	1792.26	0.02	81.47
39.0-40.0	4.12	1721.98	0.19	78.27	86.0-87.0	0.48	1792.74	0.02	81.49
40.0-41.0	4.02	1725.99	0.18	78.45	87.0-88.0	0.47	1793.21	0.02	81.51
41.0-42.0	3.91	1729.90	0.18	78.63	88.0-89.0	0.46	1793.68	0.02	81.53
42.0-43.0	3.80	1733.70	0.17	78.80	89.0-90.0	0.46	1794.14	0.02	81.55
43.0-44.0	3.67	1737.37	0.17	78.97	90.0-91.0	0.46	1794.59	0.02	81.57
44.0-45.0	3.54	1740.91	0.16	79.13	91.0-92.0	0.46	1795.05	0.02	81.59
45.0-46.0	3.40	1744.30	0.15	79.29	92.0-93.0	0.45	1795.50	0.02	81.61
46.0-47.0	3.25	1747.55	0.15	79.43	93.0-94.0	0.44	1795.94	0.02	81.63

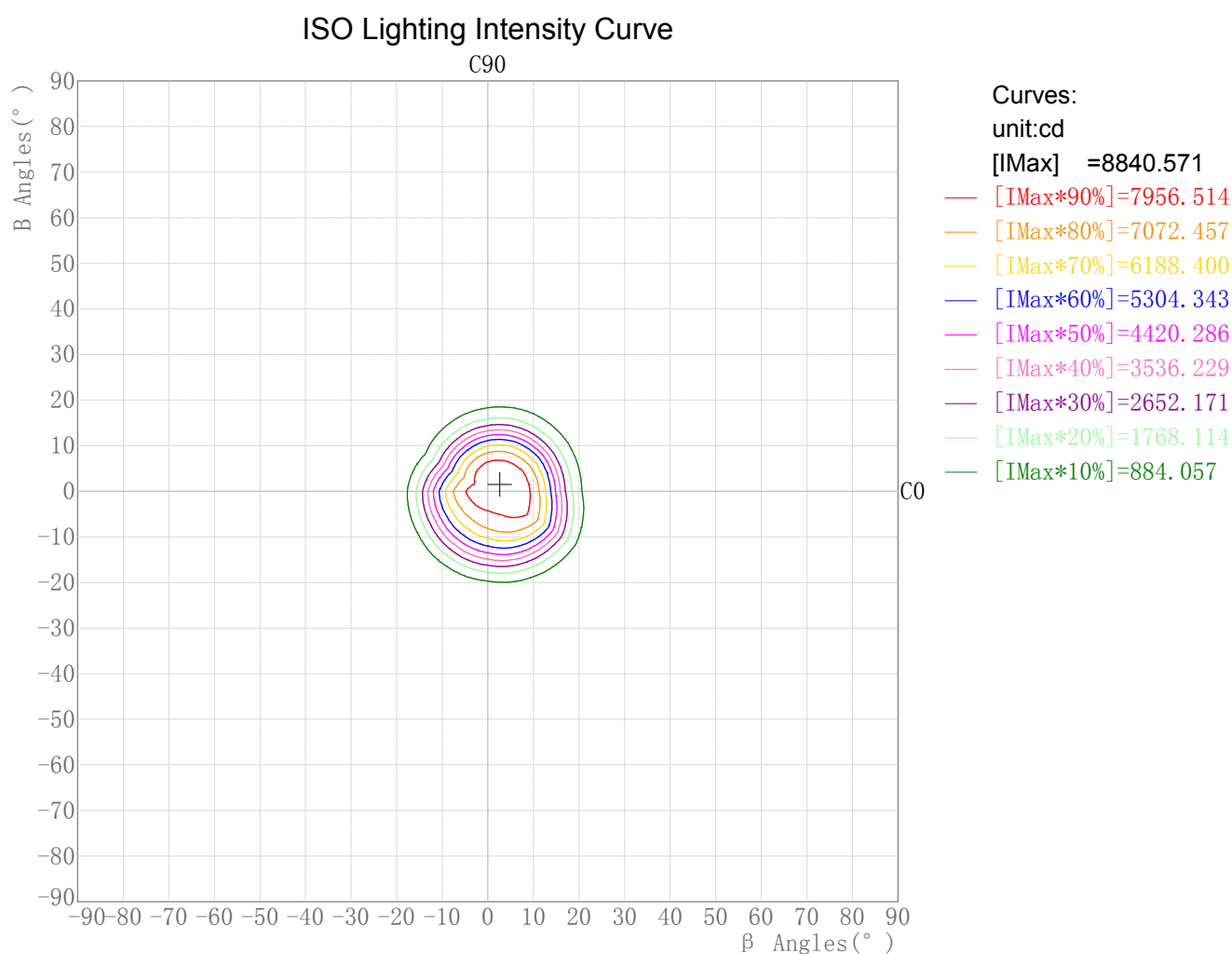
Zonal Flux Tabulation - (Cont.)

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. 43	1796. 37	0. 02	81. 65	141. 0-142. 0	0. 23	1811. 34	0. 01	82. 33
95. 0-96. 0	0. 43	1796. 80	0. 02	81. 67	142. 0-143. 0	0. 24	1811. 57	0. 01	82. 34
96. 0-97. 0	0. 42	1797. 22	0. 02	81. 69	143. 0-144. 0	0. 24	1811. 81	0. 01	82. 35
97. 0-98. 0	0. 41	1797. 63	0. 02	81. 71	144. 0-145. 0	0. 24	1812. 05	0. 01	82. 37
98. 0-99. 0	0. 41	1798. 04	0. 02	81. 73	145. 0-146. 0	0. 25	1812. 31	0. 01	82. 38
99. 0-100. 0	0. 40	1798. 45	0. 02	81. 75	146. 0-147. 0	0. 26	1812. 56	0. 01	82. 39
100. 0-101. 0	0. 39	1798. 84	0. 02	81. 77	147. 0-148. 0	0. 26	1812. 83	0. 01	82. 40
101. 0-102. 0	0. 38	1799. 22	0. 02	81. 78	148. 0-149. 0	0. 27	1813. 10	0. 01	82. 41
102. 0-103. 0	0. 38	1799. 60	0. 02	81. 80	149. 0-150. 0	0. 28	1813. 38	0. 01	82. 43
103. 0-104. 0	0. 37	1799. 97	0. 02	81. 82	150. 0-151. 0	0. 29	1813. 66	0. 01	82. 44
104. 0-105. 0	0. 37	1800. 34	0. 02	81. 83	151. 0-152. 0	0. 29	1813. 95	0. 01	82. 45
105. 0-106. 0	0. 36	1800. 70	0. 02	81. 85	152. 0-153. 0	0. 29	1814. 25	0. 01	82. 47
106. 0-107. 0	0. 36	1801. 06	0. 02	81. 87	153. 0-154. 0	0. 30	1814. 55	0. 01	82. 48
107. 0-108. 0	0. 35	1801. 41	0. 02	81. 88	154. 0-155. 0	0. 31	1814. 85	0. 01	82. 49
108. 0-109. 0	0. 35	1801. 76	0. 02	81. 90	155. 0-156. 0	0. 31	1815. 17	0. 01	82. 51
109. 0-110. 0	0. 35	1802. 11	0. 02	81. 91	156. 0-157. 0	0. 31	1815. 48	0. 01	82. 52
110. 0-111. 0	0. 35	1802. 46	0. 02	81. 93	157. 0-158. 0	0. 31	1815. 79	0. 01	82. 54
111. 0-112. 0	0. 35	1802. 81	0. 02	81. 95	158. 0-159. 0	0. 31	1816. 10	0. 01	82. 55
112. 0-113. 0	0. 34	1803. 15	0. 02	81. 96	159. 0-160. 0	0. 31	1816. 41	0. 01	82. 56
113. 0-114. 0	0. 34	1803. 49	0. 02	81. 98	160. 0-161. 0	0. 31	1816. 72	0. 01	82. 58
114. 0-115. 0	0. 34	1803. 82	0. 02	81. 99	161. 0-162. 0	0. 30	1817. 02	0. 01	82. 59
115. 0-116. 0	0. 34	1804. 16	0. 02	82. 01	162. 0-163. 0	0. 29	1817. 31	0. 01	82. 61
116. 0-117. 0	0. 33	1804. 49	0. 02	82. 02	163. 0-164. 0	0. 28	1817. 59	0. 01	82. 62
117. 0-118. 0	0. 33	1804. 83	0. 02	82. 04	164. 0-165. 0	0. 27	1817. 86	0. 01	82. 63
118. 0-119. 0	0. 33	1805. 16	0. 02	82. 05	165. 0-166. 0	0. 25	1818. 11	0. 01	82. 64
119. 0-120. 0	0. 32	1805. 49	0. 01	82. 07	166. 0-167. 0	0. 24	1818. 35	0. 01	82. 65
120. 0-121. 0	0. 32	1805. 80	0. 01	82. 08	167. 0-168. 0	0. 22	1818. 57	0. 01	82. 66
121. 0-122. 0	0. 31	1806. 12	0. 01	82. 10	168. 0-169. 0	0. 20	1818. 78	0. 01	82. 67
122. 0-123. 0	0. 31	1806. 43	0. 01	82. 11	169. 0-170. 0	0. 19	1818. 96	0. 01	82. 68
123. 0-124. 0	0. 30	1806. 73	0. 01	82. 12	170. 0-171. 0	0. 17	1819. 13	0. 01	82. 69
124. 0-125. 0	0. 30	1807. 03	0. 01	82. 14	171. 0-172. 0	0. 15	1819. 28	0. 01	82. 69
125. 0-126. 0	0. 29	1807. 32	0. 01	82. 15	172. 0-173. 0	0. 13	1819. 41	0. 01	82. 70
126. 0-127. 0	0. 29	1807. 60	0. 01	82. 16	173. 0-174. 0	0. 11	1819. 53	0. 01	82. 71
127. 0-128. 0	0. 28	1807. 88	0. 01	82. 18	174. 0-175. 0	0. 10	1819. 62	0. 00	82. 71
128. 0-129. 0	0. 28	1808. 16	0. 01	82. 19	175. 0-176. 0	0. 08	1819. 70	0. 00	82. 71
129. 0-130. 0	0. 27	1808. 44	0. 01	82. 20	176. 0-177. 0	0. 06	1819. 76	0. 00	82. 72
130. 0-131. 0	0. 26	1808. 70	0. 01	82. 21	177. 0-178. 0	0. 04	1819. 81	0. 00	82. 72
131. 0-132. 0	0. 26	1808. 96	0. 01	82. 23	178. 0-179. 0	0. 03	1819. 83	0. 00	82. 72
132. 0-133. 0	0. 26	1809. 22	0. 01	82. 24	179. 0-180. 0	0. 01	1819. 84	0. 00	82. 72
133. 0-134. 0	0. 25	1809. 47	0. 01	82. 25					
134. 0-135. 0	0. 24	1809. 71	0. 01	82. 26					
135. 0-136. 0	0. 24	1809. 95	0. 01	82. 27					
136. 0-137. 0	0. 23	1810. 18	0. 01	82. 28					
137. 0-138. 0	0. 23	1810. 41	0. 01	82. 29					
138. 0-139. 0	0. 23	1810. 64	0. 01	82. 30					
139. 0-140. 0	0. 23	1810. 87	0. 01	82. 31					
140. 0-141. 0	0. 23	1811. 10	0. 01	82. 32					

Photometric Filename:AD10100-20W-4000K-RA90-24D-BK IES.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: AD10100-20W-4000K-RA90-24D-BK	Lum. Catelog: 天花灯	Test ID:
Lamp Name: 1204C4	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2022/05/26

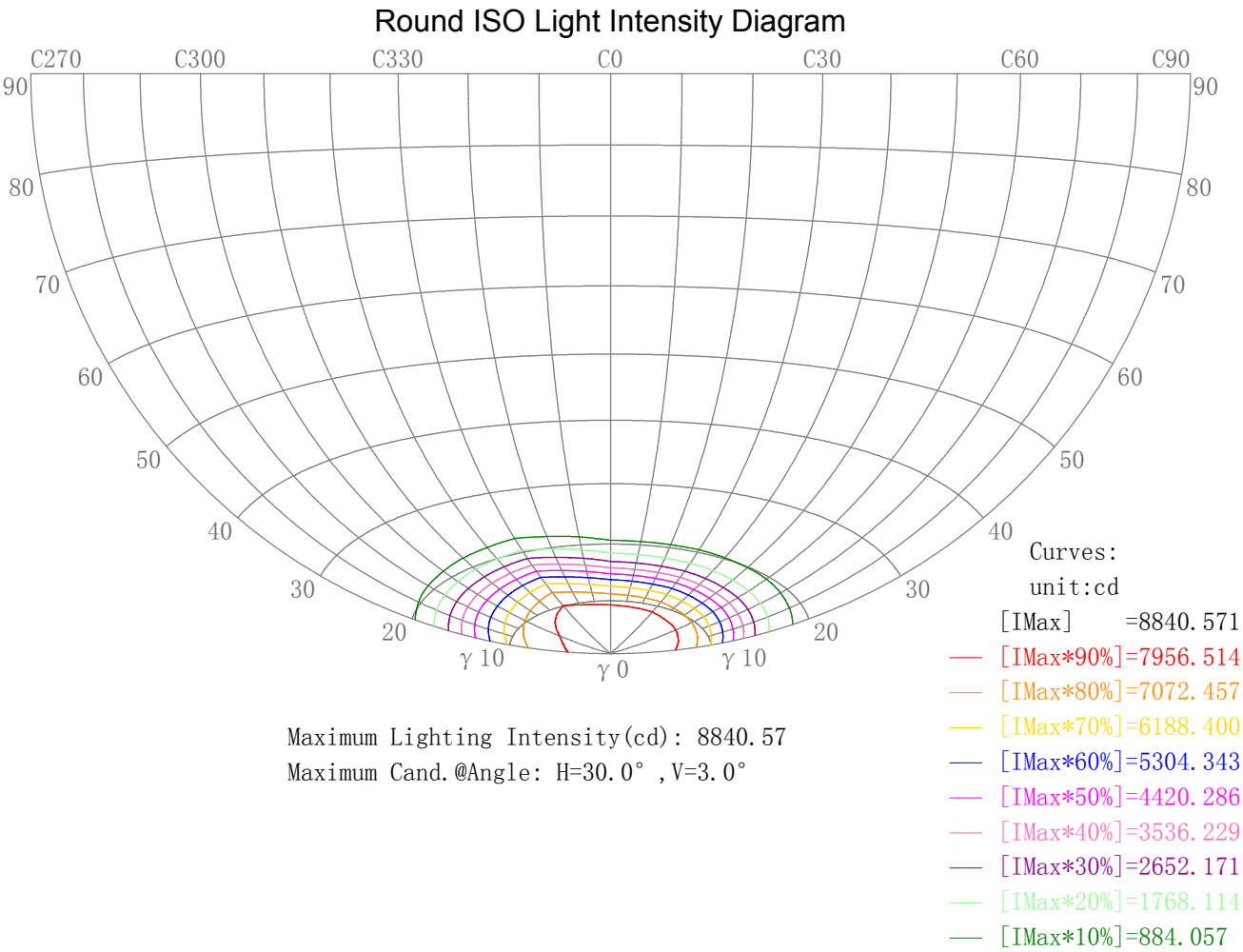


Maximum Light Intensity(cd): 8840.57

Maximum Cand.@Angle: H=2.6°,V=1.5°

Round ISO Lighting Intensity Diagram

Lum. Name:AD10100-20W-4000K-RA90-24D-BK	Lum. Catelog:天花灯	Test ID:
Lamp Name:1204C4	Lamp Catelog:C0B	Test Lab:Test
Manufacture:	Test Machine:GON-2000	Test Date:2022/05/26

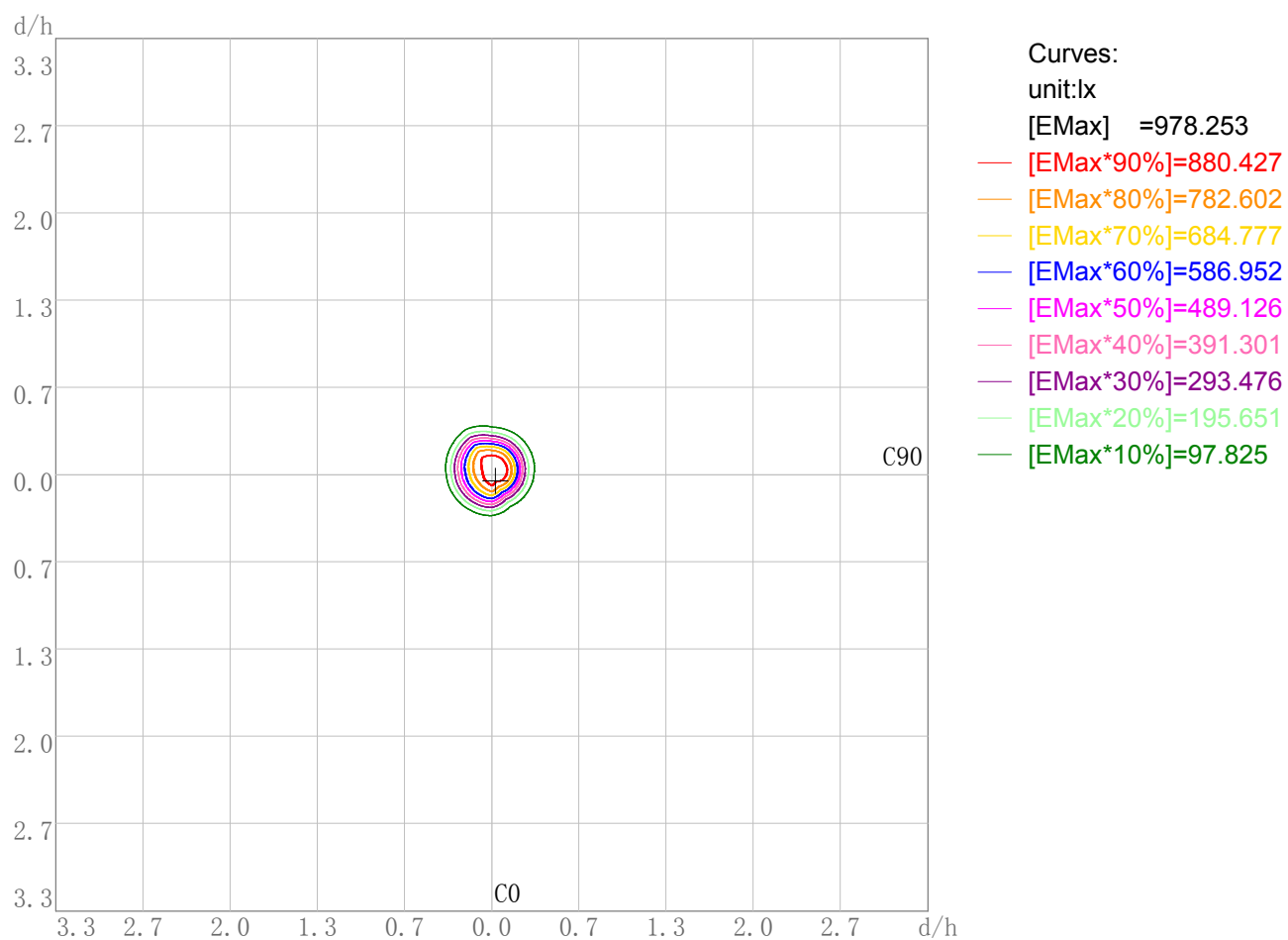


Photometric Filename:AD10100-20W-4000K-RA90-24D-BK IES.IES

Plane ISO-Illuminance Diagram

Lum. Name: AD10100-20W-4000K-RA90-24D-BK	Lum. Catalog: 天花灯	Test ID:
Lamp Name: 1204C4	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2022/05/26

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

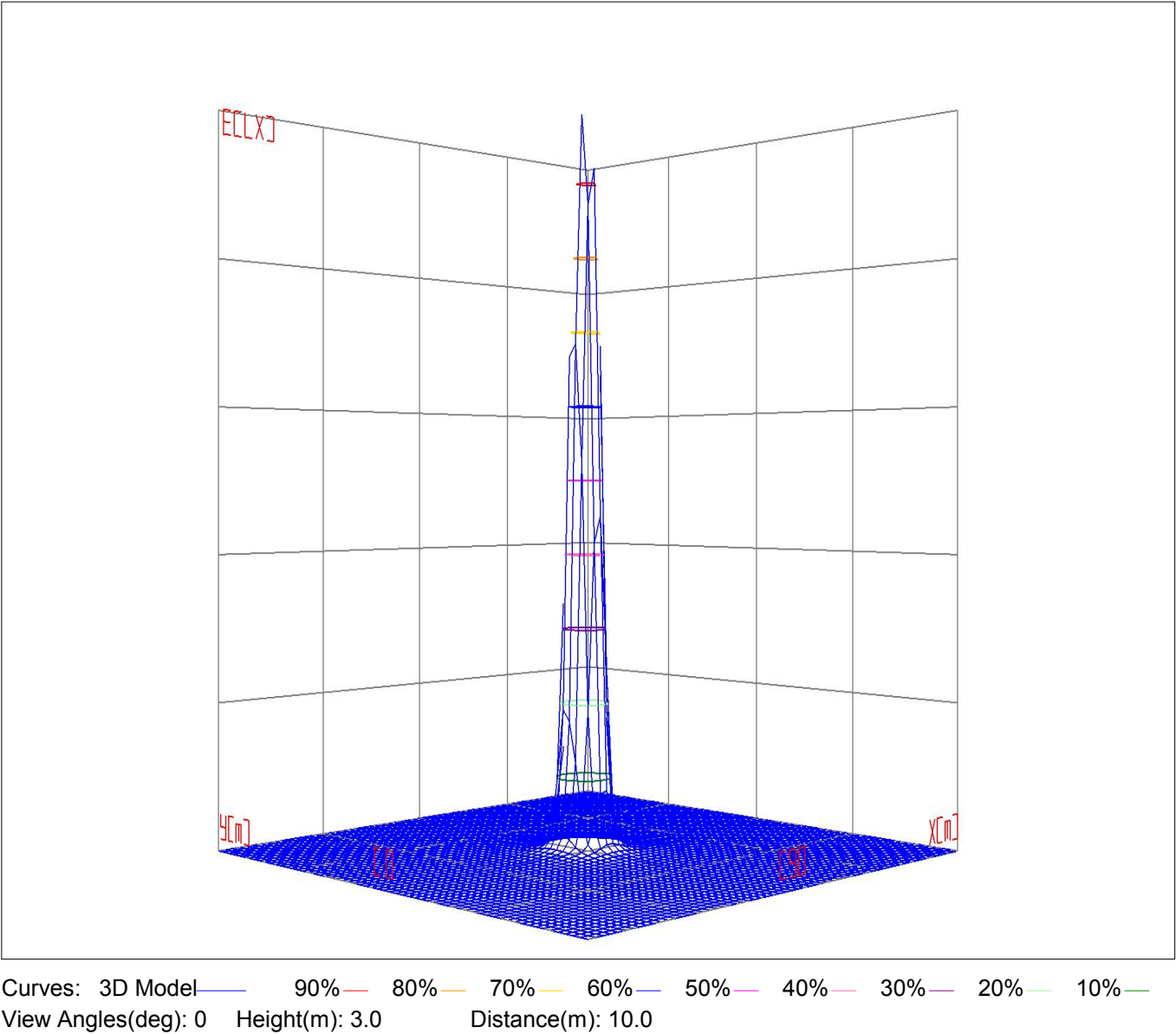
Working Plane Maximum Illuminance(lx): 978.25

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name: AD10100-20W-4000K-RA90-24D-BK	Lum. Catelog: 天花灯	Test ID:
Lamp Name: 1204C4	Lamp Catelog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2022/05/26

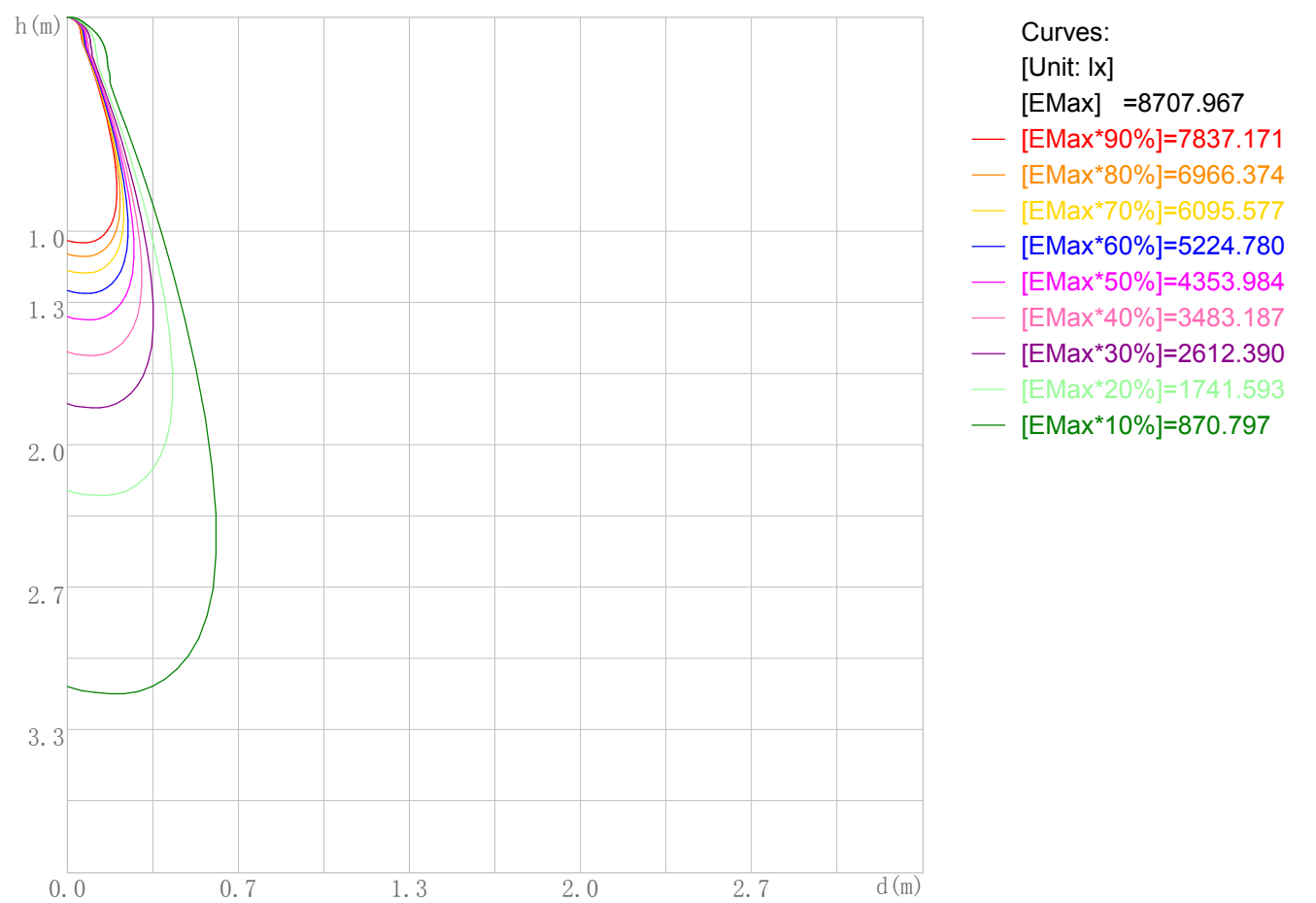
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name:AD10100-20W-4000K-RA90-24D-BK	Lum. Catelog:天花灯	Test ID:
Lamp Name:1204C4	Lamp Catelog:C0B	Test Lab:Test
Manufacture:	Test Machine:GON-2000	Test Date:2022/05/26

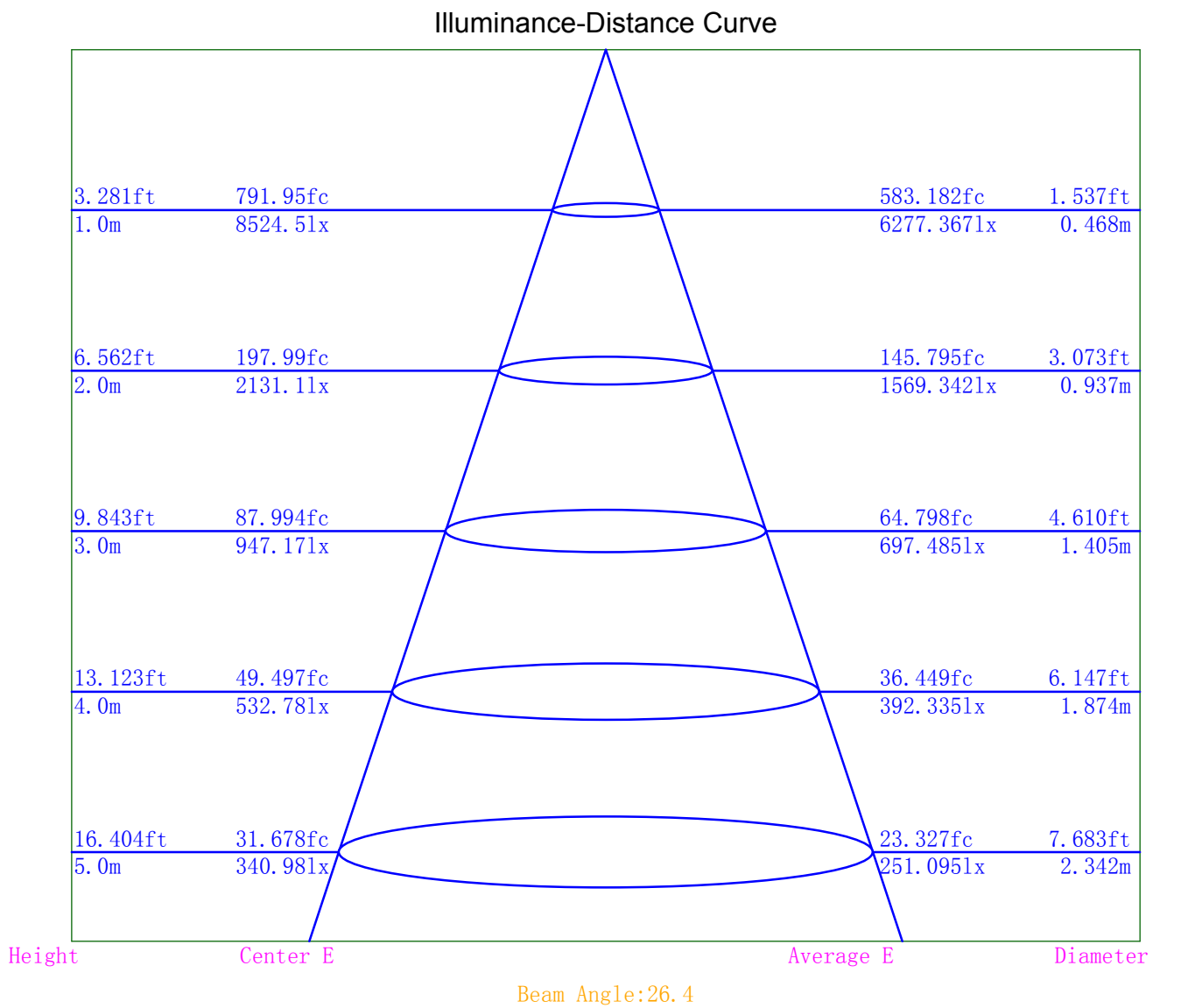
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:8707.97lx,4.0deg
Plane Maximum Lighting Intensity and @Angle:8771.915cd,0eg

Illuminance-Distance Diagram

Lum. Name:AD10100-20W-4000K-RA90-24D-BK	Lum. Catelog:天花灯	Test ID:
Lamp Name:1204C4	Lamp Catelog:C0B	Test Lab:Test
Manufacture:	Test Machine:GON-2000	Test Date:2022/05/26



Indoor Luminance Limiting Curves

Lum. Name: AD10100-20W-4000K-RA90-24D-BK	Lum. Catalog: 天花灯	Test ID:
Lamp Name: 1204C4	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2022/05/26

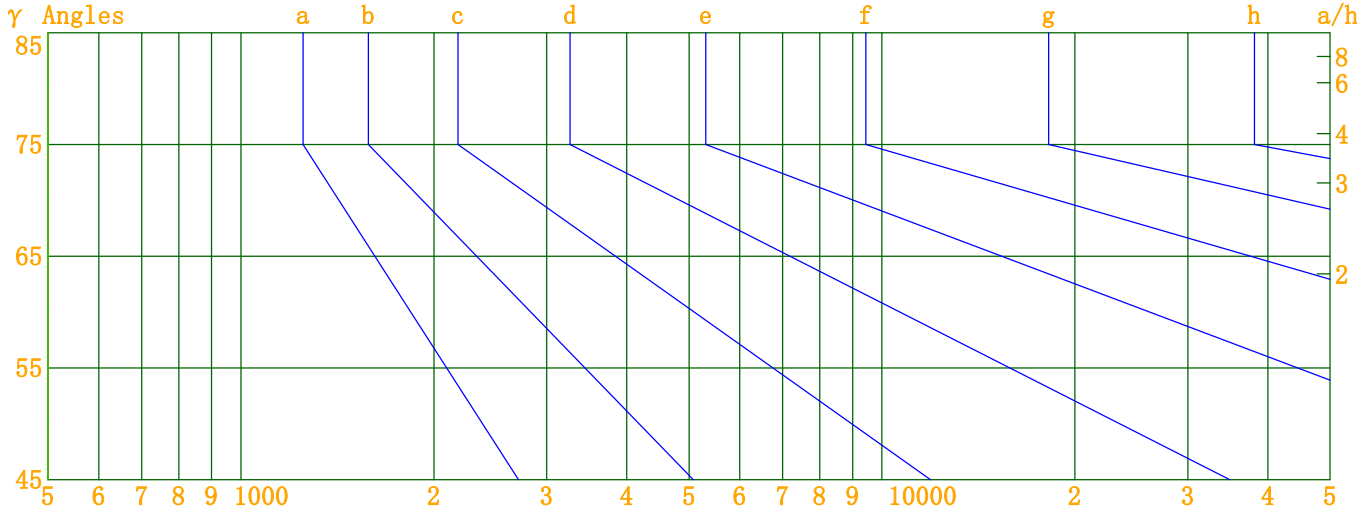
Glare Grade Table

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	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

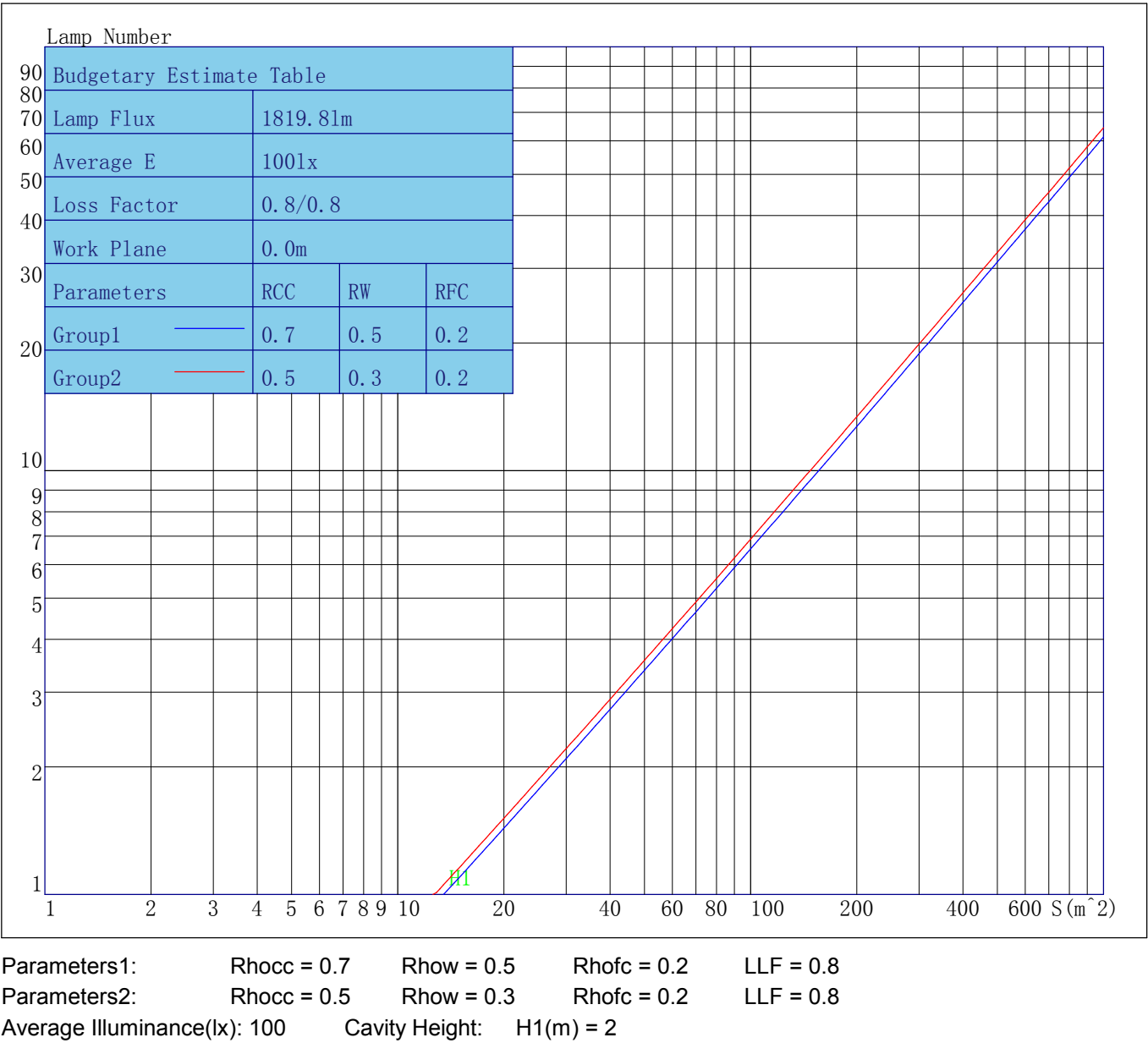
Luminance Limiting Curve



Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m^2)=0.000000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table

Lum. Name:AD10100-20W-4000K-RA90-24D-BK	Lum. Catelog:天花灯	Test ID:
Lamp Name:1204C4	Lamp Catelog:C0B	Test Lab:Test
Manufacture:	Test Machine:GON-2000	Test Date:2022/05/26



Indoor Coefficient of Utilization Table

Lum. Name:AD10100-20W-4000K-RA90-24D-BK	Lum. Catelog:天花灯	Test ID:
Lamp Name:1204C4	Lamp Catelog:COB	Test Lab:Test
Manufacture:	Test Machine:GON-2000	Test Date:2022/05/26

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	98	98	98	98	96	96	96	96	91	91	91	87	87	87	83	83	83	82
1	95	93	91	90	93	91	90	88	88	86	85	84	84	83	81	81	80	79
2	92	89	86	84	90	87	85	83	84	83	81	82	80	79	80	78	77	76
3	89	85	82	80	87	84	81	79	82	79	78	80	78	76	78	76	75	74
4	86	82	79	76	85	81	78	76	79	77	75	77	75	74	76	74	73	72
5	84	79	76	73	83	78	75	73	77	74	72	75	73	71	74	72	71	70
6	81	76	73	71	80	76	73	70	75	72	70	73	71	69	72	70	69	68
7	79	74	71	68	78	74	70	68	73	70	68	72	69	67	71	69	67	66
8	77	72	69	67	77	72	69	66	71	68	66	70	68	66	69	67	65	65
9	76	70	67	65	75	70	67	65	69	66	64	68	66	64	68	66	64	63
10	74	68	65	63	73	68	65	63	68	65	63	67	64	63	66	64	63	62

Unified Glare Rating Table

Lum. Name: AD10100-20W-4000K-RA90-24D-BK	Lum. Catelog: 天花灯	Test ID:
Lamp Name: 1204C4	Lamp Catelog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2022/05/26

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	2.3	2.8	2.7	3.2	3.5	2.3	2.8	2.7	3.2	3.5
	2.1	2.5	2.5	2.9	3.3	2.1	2.5	2.5	2.9	3.3
	2.0	2.3	2.4	2.7	3.2	2.0	2.3	2.4	2.7	3.2
	1.8	2.2	2.3	2.6	3.0	1.8	2.2	2.3	2.6	3.0
	1.8	2.1	2.3	2.5	2.9	1.8	2.1	2.3	2.5	2.9
	1.7	2.0	2.2	2.4	2.8	1.7	2.0	2.2	2.4	2.8
X=4H Y=2H	2.0	2.3	2.4	2.7	3.2	2.0	2.3	2.4	2.7	3.2
	1.7	2.0	2.2	2.4	2.9	1.7	2.0	2.2	2.4	2.9
	1.6	1.8	2.1	2.2	2.7	1.6	1.8	2.1	2.2	2.7
	1.5	1.6	2.0	2.1	2.6	1.5	1.6	2.0	2.1	2.6
	1.4	1.5	2.0	2.0	2.5	1.4	1.5	2.0	2.0	2.5
	1.4	1.3	1.9	1.9	2.4	1.4	1.3	1.9	1.9	2.4
X=8H Y=4H	1.4	1.5	2.0	2.0	2.5	1.4	1.5	2.0	2.0	2.5
	1.4	1.3	1.9	1.8	2.3	1.4	1.3	1.9	1.8	2.3
	1.3	1.2	1.9	1.7	2.3	1.3	1.2	1.9	1.7	2.3
	1.3	1.1	1.8	1.6	2.3	1.3	1.1	1.8	1.6	2.3
X=12H Y=4H	1.4	1.3	1.9	1.9	2.4	1.4	1.3	1.9	1.9	2.4
	1.3	1.2	1.9	1.7	2.3	1.3	1.2	1.9	1.7	2.3
	1.3	1.1	1.8	1.6	2.3	1.3	1.1	1.8	1.6	2.3
Variations with the objerver position at spacings										
S=1.0H	0.0/0.0					0.0/0.0				
S=1.5H	0.0/0.0					0.0/0.0				
S=2.0H	0.0/0.0					0.0/0.0				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.0					0.0				

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

IES Indoor Report

Photometric Filename:AD10100-20W-4000K-RA90-24D-BK IES.IES

Candela Tabulation

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
γ 0. 0	8524. 53	8524. 53	8524. 53	8524. 53	8524. 53	8524. 53	8524. 53	8524. 53	8524. 53	8524. 53	8524. 53	8524. 53
γ 1. 0	8635. 59	8722. 70	8724. 22	8632. 10	8472. 69	8280. 56	8518. 05	8496. 82	8466. 13	8426. 72	8389. 05	8359. 50
γ 2. 0	8694. 15	8801. 27	8791. 85	8667. 93	8446. 78	8169. 02	8431. 82	8355. 41	8308. 63	8287. 25	8304. 71	8349. 46
γ 3. 0	8742. 95	8840. 57	8800. 32	8641. 51	8356. 89	8006. 27	8312. 73	8189. 12	8135. 29	8139. 92	8212. 58	8332. 49
γ 4. 0	8771. 92	8823. 32	8737. 69	8544. 43	8196. 95	7785. 50	8142. 68	7984. 84	7946. 90	7996. 68	8125. 68	8318. 67
γ 5. 0	8750. 92	8748. 30	8617. 52	8366. 05	7963. 10	7481. 25	7914. 60	7732. 90	7716. 65	7832. 28	8044. 95	8314. 59
γ 6. 0	8671. 69	8625. 84	8442. 72	8110. 75	7635. 10	7080. 27	7640. 84	7427. 31	7433. 23	7640. 92	7955. 50	8324. 24
γ 7. 0	8524. 66	8452. 67	8194. 27	7769. 40	7196. 69	6573. 97	7305. 20	7063. 50	7089. 93	7415. 73	7840. 18	8317. 23
γ 8. 0	8321. 31	8217. 49	7864. 48	7335. 33	6648. 71	5963. 81	6880. 06	6643. 85	6710. 02	7131. 64	7683. 48	8271. 50
γ 9. 0	8045. 97	7904. 29	7440. 06	6797. 95	5997. 21	5263. 03	6358. 82	6160. 90	6295. 46	6769. 62	7466. 76	8161. 09
γ 10. 0	7682. 72	7494. 80	6929. 13	6152. 43	5250. 28	4501. 36	5756. 70	5614. 57	5831. 77	6320. 84	7166. 71	7974. 42
γ 11. 0	7217. 29	6979. 75	6330. 73	5413. 71	4444. 78	3711. 86	5103. 02	5010. 20	5290. 23	5820. 77	6773. 91	7713. 37
γ 12. 0	6640. 89	6365. 28	5626. 07	4594. 81	3630. 33	2939. 23	4382. 65	4354. 18	4691. 07	5291. 45	6304. 50	7358. 93
γ 13. 0	5930. 46	5644. 51	4820. 69	3747. 28	2859. 45	2243. 94	3626. 60	3670. 62	4061. 64	4713. 33	5768. 25	6898. 96
γ 14. 0	5143. 38	4827. 10	3959. 96	2941. 39	2189. 98	1657. 69	2878. 77	2978. 33	3412. 83	4091. 95	5171. 00	6331. 11
γ 15. 0	4275. 63	3946. 69	3125. 98	2249. 21	1647. 50	1196. 78	2185. 72	2316. 96	2766. 50	3440. 05	4517. 49	5654. 06
γ 16. 0	3444. 21	3097. 87	2402. 58	1704. 73	1219. 70	850. 33	1594. 06	1721. 34	2153. 37	2785. 26	3817. 13	4897. 48
γ 17. 0	2654. 96	2368. 92	1828. 07	1278. 20	894. 96	601. 89	1120. 67	1221. 42	1595. 38	2161. 70	3104. 33	4098. 45
γ 18. 0	2002. 65	1787. 87	1382. 07	956. 47	653. 59	431. 15	766. 90	835. 01	1126. 83	1599. 12	2430. 50	3305. 82
γ 19. 0	1476. 26	1338. 73	1041. 93	714. 75	479. 37	315. 47	520. 18	561. 13	772. 21	1126. 23	1831. 13	2577. 40
γ 20. 0	1076. 36	996. 50	785. 37	532. 91	352. 35	237. 97	357. 62	380. 04	522. 79	769. 55	1330. 17	1937. 75
γ 21. 0	776. 70	739. 00	589. 54	396. 22	263. 08	185. 58	258. 07	267. 80	355. 73	524. 18	939. 91	1416. 55
γ 22. 0	560. 81	545. 93	440. 91	296. 51	203. 06	151. 67	194. 72	198. 88	251. 39	360. 89	657. 77	1005. 47
γ 23. 0	408. 38	403. 79	329. 44	226. 12	163. 80	131. 22	153. 29	156. 46	188. 97	259. 76	462. 77	705. 32
γ 24. 0	303. 57	301. 38	247. 77	178. 75	139. 17	119. 78	126. 64	129. 60	150. 52	197. 04	330. 63	494. 42
γ 25. 0	231. 64	229. 57	191. 40	148. 51	125. 10	114. 36	110. 53	113. 05	126. 45	157. 51	243. 63	352. 79
γ 26. 0	182. 34	180. 54	155. 05	130. 02	117. 15	110. 57	103. 73	104. 37	112. 20	131. 83	187. 28	259. 65
γ 27. 0	149. 47	147. 67	132. 95	118. 76	110. 76	104. 93	100. 63	100. 92	104. 07	115. 56	151. 34	198. 55
γ 28. 0	129. 30	127. 01	120. 05	109. 93	103. 80	97. 74	99. 29	99. 96	101. 12	105. 73	128. 46	158. 84
γ 29. 0	117. 28	114. 88	111. 23	100. 70	96. 29	90. 72	96. 13	98. 15	100. 97	100. 26	114. 30	133. 96
γ 30. 0	110. 19	106. 87	102. 49	92. 07	89. 37	84. 87	89. 53	93. 00	99. 99	97. 35	105. 74	118. 78
γ 31. 0	104. 82	99. 93	94. 10	84. 89	83. 86	80. 19	81. 79	85. 28	94. 51	94. 72	100. 23	109. 66
γ 32. 0	98. 78	92. 81	86. 52	79. 49	79. 68	76. 67	75. 19	78. 25	86. 16	89. 63	96. 20	104. 28
γ 33. 0	91. 47	86. 17	80. 69	75. 64	76. 01	73. 50	70. 69	73. 29	78. 96	82. 87	91. 51	99. 93
γ 34. 0	85. 06	81. 04	76. 53	72. 11	72. 70	70. 57	67. 21	69. 35	73. 95	76. 76	85. 84	94. 69
γ 35. 0	79. 93	77. 07	73. 46	69. 15	69. 72	67. 83	63. 80	65. 85	70. 11	72. 41	80. 06	88. 49
γ 36. 0	76. 44	73. 91	70. 43	66. 47	67. 21	65. 31	60. 35	62. 35	66. 66	68. 93	75. 10	81. 98
γ 37. 0	73. 42	71. 23	67. 75	64. 08	64. 86	63. 40	56. 97	59. 04	62. 93	65. 39	70. 81	76. 02
γ 38. 0	70. 46	68. 55	65. 62	61. 89	62. 66	61. 10	53. 60	55. 78	59. 07	61. 97	67. 10	71. 61
γ 39. 0	67. 60	66. 09	63. 26	59. 62	60. 57	58. 92	50. 78	52. 73	55. 96	58. 38	63. 66	68. 09
γ 40. 0	65. 02	63. 65	61. 10	57. 72	58. 21	56. 86	47. 73	49. 85	52. 81	55. 22	60. 12	64. 60
γ 41. 0	62. 24	61. 55	59. 02	55. 71	55. 68	54. 68	45. 03	46. 86	49. 77	52. 32	57. 01	61. 07
γ 42. 0	59. 98	59. 46	57. 08	53. 77	53. 33	52. 53	41. 90	44. 13	47. 23	49. 19	53. 89	57. 86
γ 43. 0	57. 35	57. 22	55. 18	51. 59	51. 02	49. 88	39. 05	41. 42	44. 31	46. 49	50. 79	54. 83
γ 44. 0	55. 11	55. 10	53. 01	49. 39	48. 79	47. 49	36. 26	38. 34	41. 33	43. 58	48. 10	51. 65
γ 45. 0	53. 15	52. 80	50. 46	47. 23	46. 32	44. 93	33. 17	35. 31	38. 35	40. 86	45. 29	48. 71
γ 46. 0	51. 01	50. 54	47. 89	45. 08	43. 84	42. 54	30. 37	32. 17	35. 35	38. 32	42. 62	45. 91

IES Indoor Report

Photometric Filename:AD10100-20W-4000K-RA90-24D-BK IES.IES

Candela Tabulation - (Cont.)

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
γ 47. 0	48. 68	48. 13	45. 63	42. 95	41. 45	40. 04	27. 75	29. 01	32. 32	35. 55	39. 99	42. 87
γ 48. 0	46. 51	45. 51	43. 28	40. 98	39. 21	37. 82	24. 95	26. 16	29. 10	32. 62	36. 94	39. 61
γ 49. 0	44. 44	43. 04	40. 96	38. 86	37. 01	35. 66	22. 43	23. 61	26. 12	29. 69	33. 95	36. 88
γ 50. 0	42. 37	40. 63	38. 80	36. 92	35. 04	33. 49	19. 97	21. 08	23. 26	26. 90	30. 92	33. 72
γ 51. 0	40. 18	38. 35	36. 46	34. 74	32. 99	31. 56	17. 72	18. 75	21. 00	24. 12	28. 04	30. 67
γ 52. 0	38. 07	36. 18	34. 12	32. 83	30. 90	29. 56	15. 59	16. 39	18. 58	21. 70	25. 32	27. 51
γ 53. 0	35. 83	34. 12	32. 17	30. 70	28. 94	27. 86	13. 59	14. 24	16. 31	19. 22	22. 50	24. 82
γ 54. 0	34. 05	31. 91	30. 30	29. 23	27. 05	26. 13	11. 97	12. 46	14. 53	17. 27	19. 91	22. 25
γ 55. 0	31. 97	29. 91	28. 41	27. 18	25. 30	24. 39	10. 26	10. 82	12. 60	15. 57	17. 60	19. 64
γ 56. 0	29. 98	28. 02	26. 72	25. 29	23. 68	22. 83	8. 64	9. 19	10. 94	13. 48	15. 60	17. 46
γ 57. 0	28. 00	26. 23	24. 68	23. 76	21. 95	20. 99	7. 20	7. 80	9. 31	12. 02	13. 60	15. 34
γ 58. 0	25. 89	24. 55	23. 17	22. 09	20. 40	19. 90	5. 75	6. 71	7. 92	10. 31	11. 89	13. 21
γ 59. 0	24. 42	22. 87	21. 72	20. 62	18. 92	18. 58	4. 76	5. 47	6. 86	8. 94	10. 45	11. 45
γ 60. 0	22. 50	21. 35	20. 22	19. 25	17. 45	17. 32	3. 94	4. 33	5. 70	7. 87	9. 17	9. 98
γ 61. 0	20. 86	19. 67	18. 78	18. 00	16. 26	15. 97	2. 79	3. 34	4. 75	6. 76	8. 03	8. 39
γ 62. 0	19. 34	18. 18	17. 52	16. 48	15. 17	14. 70	2. 08	2. 57	3. 84	5. 70	6. 88	7. 41
γ 63. 0	17. 88	16. 91	16. 30	15. 21	14. 18	13. 78	1. 33	1. 92	2. 91	4. 72	5. 67	6. 16
γ 64. 0	16. 55	15. 62	14. 86	14. 26	13. 47	13. 27	0. 62	1. 09	2. 01	3. 48	4. 59	5. 26
γ 65. 0	15. 23	14. 47	13. 98	13. 63	12. 99	12. 82	0. 00	0. 54	1. 54	2. 59	3. 87	4. 20
γ 66. 0	14. 03	13. 79	13. 34	12. 93	12. 31	12. 55	0. 00	0. 00	0. 88	2. 18	2. 98	3. 27
γ 67. 0	13. 08	13. 11	12. 72	12. 48	11. 87	11. 88	0. 00	0. 00	0. 40	1. 48	2. 01	2. 62
γ 68. 0	12. 39	12. 31	12. 35	12. 13	11. 44	11. 66	0. 00	0. 00	0. 12	0. 91	1. 44	1. 82
γ 69. 0	11. 86	11. 67	11. 81	11. 55	11. 01	11. 20	0. 00	0. 00	0. 20	0. 76	0. 92	1. 14
γ 70. 0	11. 37	11. 25	11. 47	11. 21	10. 65	10. 76	0. 00	0. 00	0. 09	0. 66	0. 72	1. 05
γ 71. 0	10. 70	10. 84	10. 97	10. 88	10. 21	10. 36	0. 03	0. 01	0. 12	0. 58	0. 68	0. 97
γ 72. 0	10. 32	10. 38	10. 55	10. 29	9. 81	10. 04	0. 10	0. 09	0. 31	0. 49	0. 58	0. 99
γ 73. 0	10. 02	9. 87	10. 20	9. 95	9. 63	9. 60	0. 16	0. 20	0. 47	0. 75	0. 51	0. 94
γ 74. 0	9. 69	9. 53	9. 81	9. 51	9. 34	9. 51	0. 40	0. 30	0. 60	0. 80	0. 56	1. 04
γ 75. 0	9. 27	9. 32	9. 64	9. 24	8. 97	9. 30	0. 30	0. 41	0. 59	0. 89	0. 70	0. 92
γ 76. 0	8. 94	9. 01	9. 55	9. 22	8. 87	9. 25	0. 51	0. 49	0. 73	1. 20	0. 86	1. 06
γ 77. 0	8. 40	8. 58	9. 03	8. 93	8. 67	8. 75	0. 43	0. 61	1. 00	1. 25	1. 02	1. 14
γ 78. 0	8. 06	8. 24	8. 54	8. 50	8. 35	8. 63	0. 36	0. 83	1. 12	1. 29	1. 12	1. 44
γ 79. 0	7. 91	8. 17	8. 49	8. 34	8. 11	8. 50	0. 82	0. 89	1. 22	1. 48	1. 28	1. 45
γ 80. 0	7. 66	7. 92	8. 26	8. 17	7. 78	8. 25	0. 95	1. 18	1. 45	1. 45	1. 44	1. 48
γ 81. 0	7. 16	7. 59	7. 97	7. 82	7. 68	7. 91	1. 18	1. 32	1. 26	1. 82	1. 59	1. 57
γ 82. 0	6. 95	7. 48	7. 80	7. 69	7. 51	7. 59	1. 10	1. 47	1. 54	1. 83	1. 79	1. 94
γ 83. 0	6. 78	7. 33	7. 59	7. 42	7. 34	7. 72	1. 22	1. 70	1. 70	1. 83	1. 86	1. 98
γ 84. 0	6. 54	7. 05	7. 12	6. 99	7. 18	7. 31	1. 38	1. 75	1. 92	1. 89	1. 93	2. 15
γ 85. 0	6. 14	6. 83	7. 12	6. 81	6. 94	7. 35	1. 54	1. 81	2. 09	1. 98	2. 25	2. 39
γ 86. 0	6. 02	6. 73	6. 85	6. 70	6. 75	7. 11	1. 82	2. 13	2. 12	2. 20	2. 45	2. 31
γ 87. 0	5. 85	6. 32	6. 57	6. 48	6. 48	6. 84	1. 79	2. 15	2. 28	2. 35	2. 35	2. 64
γ 88. 0	5. 75	6. 15	6. 13	6. 24	6. 29	6. 57	1. 85	2. 15	2. 41	2. 48	2. 50	2. 52
γ 89. 0	5. 46	5. 96	5. 81	6. 26	6. 08	6. 14	1. 99	2. 32	2. 44	2. 47	2. 72	2. 76
γ 90. 0	5. 00	5. 70	5. 76	6. 08	5. 91	6. 43	2. 10	2. 39	2. 68	2. 44	2. 79	2. 76
γ 91. 0	5. 16	5. 62	5. 77	5. 97	5. 78	5. 95	2. 29	2. 45	2. 65	2. 62	2. 85	3. 13
γ 92. 0	4. 85	5. 66	5. 55	5. 94	5. 63	5. 87	2. 18	2. 42	2. 62	2. 78	3. 08	3. 11
γ 93. 0	4. 57	5. 34	5. 40	5. 79	5. 59	5. 98	1. 99	2. 35	2. 53	2. 73	3. 16	3. 45

IES Indoor Report
Photometric Filename:AD10100-20W-4000K-RA90-24D-BK IES.IES

Candela Tabulation - (Cont.)

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
γ 94. 0	4. 75	4. 89	5. 28	5. 78	5. 72	5. 52	1. 92	2. 41	2. 64	2. 73	3. 21	3. 24
γ 95. 0	4. 22	4. 71	5. 04	5. 55	5. 43	5. 39	1. 76	2. 50	2. 86	2. 90	3. 25	3. 25
γ 96. 0	4. 30	4. 67	4. 86	5. 35	5. 20	5. 49	2. 13	2. 42	3. 03	2. 92	3. 25	3. 55
γ 97. 0	4. 02	4. 69	4. 98	5. 13	4. 95	5. 37	2. 05	2. 33	2. 53	2. 91	3. 18	3. 41
γ 98. 0	3. 98	4. 74	4. 74	5. 23	4. 87	5. 56	2. 05	2. 39	2. 74	2. 70	2. 93	3. 37
γ 99. 0	3. 91	4. 56	4. 75	5. 20	4. 87	5. 10	1. 94	2. 40	2. 80	3. 03	2. 96	3. 70
γ 100. 0	3. 92	4. 58	4. 61	4. 90	4. 69	5. 10	1. 95	2. 36	2. 56	2. 84	3. 05	3. 52
γ 101. 0	3. 54	4. 20	4. 55	4. 87	4. 58	4. 91	2. 27	2. 41	2. 71	2. 91	3. 18	3. 29
γ 102. 0	3. 49	3. 89	4. 60	4. 57	4. 40	4. 80	1. 89	2. 41	2. 55	3. 04	3. 31	3. 48
γ 103. 0	3. 47	3. 94	4. 42	4. 43	4. 32	4. 78	1. 80	2. 34	2. 52	3. 00	3. 18	3. 70
γ 104. 0	3. 32	3. 98	4. 18	4. 34	4. 42	4. 76	1. 87	2. 39	2. 63	2. 83	3. 25	3. 52
γ 105. 0	3. 25	3. 92	4. 14	4. 43	4. 41	4. 82	2. 12	2. 44	2. 60	2. 80	3. 27	3. 40
γ 106. 0	3. 45	3. 82	3. 93	4. 26	4. 27	4. 54	2. 10	2. 29	2. 61	2. 84	3. 29	3. 46
γ 107. 0	3. 13	3. 83	3. 94	4. 30	4. 22	4. 63	2. 06	2. 32	2. 53	3. 11	3. 30	3. 40
γ 108. 0	3. 07	3. 83	3. 74	3. 99	4. 30	4. 75	1. 93	2. 41	2. 85	3. 10	3. 20	3. 24
γ 109. 0	2. 95	3. 75	3. 62	4. 07	4. 11	4. 71	2. 05	2. 46	2. 97	3. 18	3. 13	3. 44
γ 110. 0	2. 76	3. 70	3. 77	4. 35	4. 08	4. 40	2. 07	2. 57	3. 00	3. 14	3. 12	3. 55
γ 111. 0	2. 89	3. 63	3. 69	4. 36	4. 29	4. 62	2. 26	2. 83	2. 98	2. 97	3. 28	3. 38
γ 112. 0	2. 72	3. 53	3. 54	4. 10	4. 15	4. 44	2. 41	2. 83	2. 94	3. 08	3. 13	3. 40
γ 113. 0	2. 74	3. 45	3. 52	4. 28	4. 02	4. 57	2. 40	2. 66	2. 81	3. 16	3. 15	3. 39
γ 114. 0	2. 88	3. 35	3. 67	4. 11	4. 03	4. 70	2. 20	2. 67	3. 02	3. 08	3. 35	3. 54
γ 115. 0	2. 91	3. 23	3. 45	4. 09	4. 00	4. 58	2. 27	2. 88	3. 20	3. 26	3. 37	3. 60
γ 116. 0	2. 66	3. 13	3. 64	4. 04	3. 82	4. 44	2. 46	2. 83	3. 18	3. 39	3. 56	3. 72
γ 117. 0	2. 71	3. 16	3. 45	3. 91	3. 95	4. 23	2. 49	2. 83	3. 17	3. 46	3. 55	3. 83
γ 118. 0	2. 72	3. 18	3. 50	4. 00	4. 17	4. 42	2. 50	2. 94	3. 28	3. 48	3. 52	3. 94
γ 119. 0	2. 84	3. 09	3. 41	4. 14	3. 89	4. 34	2. 22	2. 90	3. 28	3. 60	3. 69	3. 75
γ 120. 0	2. 52	3. 10	3. 52	4. 21	3. 74	4. 19	2. 10	2. 95	3. 10	3. 67	3. 56	3. 83
γ 121. 0	2. 40	3. 03	3. 42	3. 97	3. 78	4. 12	2. 53	3. 06	3. 09	3. 72	3. 44	3. 86
γ 122. 0	2. 64	2. 96	3. 36	3. 88	3. 86	3. 90	2. 24	3. 01	3. 11	3. 65	3. 62	3. 91
γ 123. 0	2. 39	2. 91	3. 45	3. 65	3. 71	3. 91	2. 36	2. 86	3. 21	3. 42	3. 90	4. 00
γ 124. 0	2. 51	2. 79	3. 50	3. 83	3. 61	4. 16	2. 31	2. 71	3. 26	3. 50	3. 69	4. 01
γ 125. 0	2. 32	2. 80	3. 39	3. 58	3. 48	3. 89	2. 32	2. 81	3. 17	3. 46	3. 60	4. 04
γ 126. 0	2. 31	2. 82	3. 37	3. 37	3. 61	4. 07	2. 14	2. 87	3. 16	3. 58	3. 70	3. 82
γ 127. 0	2. 31	2. 76	3. 32	3. 41	3. 69	3. 84	2. 31	2. 65	3. 26	3. 53	3. 68	4. 07
γ 128. 0	2. 40	2. 86	3. 32	3. 28	3. 56	3. 87	2. 34	2. 83	3. 17	3. 55	3. 66	4. 19
γ 129. 0	2. 13	2. 88	3. 16	3. 26	3. 61	3. 97	2. 30	3. 07	3. 39	3. 54	3. 69	4. 11
γ 130. 0	2. 14	2. 62	2. 89	3. 23	3. 64	3. 89	2. 57	2. 93	3. 47	3. 47	3. 66	3. 92
γ 131. 0	2. 11	2. 54	2. 92	3. 22	3. 53	3. 92	2. 42	3. 01	3. 27	3. 28	3. 67	3. 85
γ 132. 0	2. 23	2. 77	3. 07	3. 12	3. 50	3. 86	2. 37	3. 10	3. 22	3. 43	3. 63	3. 95
γ 133. 0	2. 32	2. 96	3. 09	2. 95	3. 28	3. 87	2. 31	2. 94	3. 28	3. 46	3. 65	3. 78
γ 134. 0	2. 20	2. 91	2. 98	2. 96	3. 27	3. 57	2. 49	2. 88	3. 11	3. 30	3. 60	3. 89
γ 135. 0	2. 31	2. 75	3. 09	2. 97	3. 09	3. 86	2. 47	2. 86	3. 11	3. 31	3. 59	3. 83
γ 136. 0	2. 15	2. 62	3. 02	2. 89	3. 21	3. 92	2. 26	2. 94	3. 05	3. 30	3. 65	3. 97
γ 137. 0	2. 06	2. 46	3. 08	2. 80	3. 38	3. 78	2. 24	2. 92	3. 21	3. 39	3. 64	3. 80
γ 138. 0	2. 18	2. 38	2. 92	3. 06	3. 52	3. 88	2. 54	2. 82	3. 22	3. 47	3. 63	3. 95
γ 139. 0	2. 14	2. 55	2. 89	3. 18	3. 76	4. 23	2. 54	3. 01	3. 33	3. 55	3. 43	3. 84
γ 140. 0	2. 12	2. 65	3. 03	3. 13	3. 89	4. 33	2. 78	3. 11	3. 52	3. 42	3. 56	3. 84

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IES Indoor Report

Photometric Filename:AD10100-20W-4000K-RA90-24D-BK IES.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 141.0	2.27	2.61	3.13	3.28	4.15	4.52	2.77	3.10	3.62	3.49	3.62	4.07
γ 142.0	2.30	2.71	3.32	3.60	4.23	4.68	2.92	3.20	3.81	3.49	3.71	3.98
γ 143.0	2.22	2.88	3.29	3.76	4.27	4.93	3.14	3.37	3.97	3.65	3.74	3.90
γ 144.0	2.45	3.04	3.34	3.67	4.70	5.26	3.25	3.51	3.92	3.80	3.66	3.84
γ 145.0	2.74	3.27	3.62	3.86	5.01	5.44	3.57	3.79	4.22	3.95	3.91	4.13
γ 146.0	2.85	3.45	3.88	4.22	4.99	5.72	3.64	4.14	4.33	4.35	4.16	4.35
γ 147.0	2.99	3.57	4.05	4.54	5.14	6.22	3.87	4.28	4.36	4.46	4.19	4.30
γ 148.0	3.37	3.79	4.28	4.70	5.50	6.13	4.26	4.67	4.75	4.56	4.54	4.49
γ 149.0	3.61	4.20	4.54	5.22	5.88	6.38	4.47	4.91	5.08	4.73	4.98	4.66
γ 150.0	3.75	4.45	4.85	5.55	6.14	7.06	4.75	5.05	5.26	5.02	5.02	4.84
γ 151.0	4.00	4.75	5.39	5.95	6.37	7.46	5.10	5.27	5.59	5.41	5.25	5.16
γ 152.0	4.23	4.91	5.35	6.07	6.82	7.41	5.15	5.60	6.09	5.58	5.46	5.23
γ 153.0	4.36	5.11	5.71	6.26	7.20	7.87	5.61	6.01	6.32	5.89	5.70	5.41
γ 154.0	5.03	5.51	6.23	6.58	7.58	8.35	5.98	6.21	6.40	6.20	5.94	5.85
γ 155.0	5.40	5.97	6.35	6.98	8.01	8.57	6.26	6.59	6.68	6.17	6.32	6.28
γ 156.0	5.55	6.30	6.88	7.43	8.40	9.01	6.47	7.07	7.08	6.76	6.71	6.46
γ 157.0	6.05	6.62	7.07	7.92	8.61	9.35	6.66	7.38	7.33	6.96	7.05	6.47
γ 158.0	6.32	7.03	7.49	8.23	8.77	9.49	7.14	7.57	7.70	7.43	7.39	7.05
γ 159.0	6.62	7.38	7.86	8.50	9.10	9.77	7.49	7.71	7.95	7.46	7.68	7.51
γ 160.0	6.98	7.57	8.15	8.90	9.44	9.95	7.39	8.10	8.22	7.78	8.01	7.95
γ 161.0	7.52	7.90	8.81	9.12	9.68	10.25	7.95	8.32	8.53	8.28	8.35	8.17
γ 162.0	7.49	8.18	8.96	9.28	9.89	10.12	8.01	8.32	8.64	8.44	8.67	8.45
γ 163.0	7.67	8.31	8.98	9.68	9.90	10.33	8.03	8.61	8.84	8.67	8.80	8.67
γ 164.0	8.11	8.60	9.43	9.76	9.99	10.34	8.32	8.86	9.02	8.71	8.92	8.95
γ 165.0	8.17	8.94	9.59	9.72	10.04	10.37	8.42	8.94	9.30	8.83	9.12	9.24
γ 166.0	8.40	9.27	9.58	10.04	9.96	10.32	8.40	8.99	9.15	8.97	9.40	9.43
γ 167.0	8.54	9.22	9.76	10.08	9.95	10.32	8.40	8.98	8.93	9.10	9.48	9.39
γ 168.0	8.52	9.16	9.74	9.89	9.97	10.07	8.36	8.87	9.29	9.15	9.35	9.57
γ 169.0	8.63	9.36	9.75	9.91	9.87	10.11	8.26	8.89	9.22	9.00	9.50	9.68
γ 170.0	8.59	9.36	9.69	9.67	9.66	9.86	8.37	9.00	9.16	8.94	9.65	9.95
γ 171.0	8.52	9.33	9.53	9.47	9.58	9.74	8.33	9.00	9.25	8.90	9.53	9.96
γ 172.0	8.47	9.33	9.39	9.55	9.73	9.74	8.26	9.09	9.12	9.02	9.38	9.90
γ 173.0	8.63	9.22	9.42	9.42	9.60	9.83	8.14	8.77	9.00	9.07	9.36	9.95
γ 174.0	8.51	9.27	9.28	9.30	9.46	9.79	8.25	8.54	8.87	9.20	9.37	9.95
γ 175.0	8.53	9.40	9.27	9.29	9.47	9.65	8.25	8.71	8.96	9.02	9.38	9.94
γ 176.0	8.38	9.20	9.15	9.43	9.42	9.65	8.28	8.73	8.60	9.11	9.34	9.96
γ 177.0	8.31	9.01	9.19	9.22	9.40	9.62	8.15	8.75	8.75	8.91	9.50	9.85
γ 178.0	8.34	8.94	9.19	9.29	9.40	9.51	8.12	8.60	8.75	9.23	9.50	9.74
γ 179.0	8.45	8.80	8.91	9.40	9.47	9.84	7.94	8.71	8.95	9.13	9.46	9.60
γ 180.0	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05	9.05