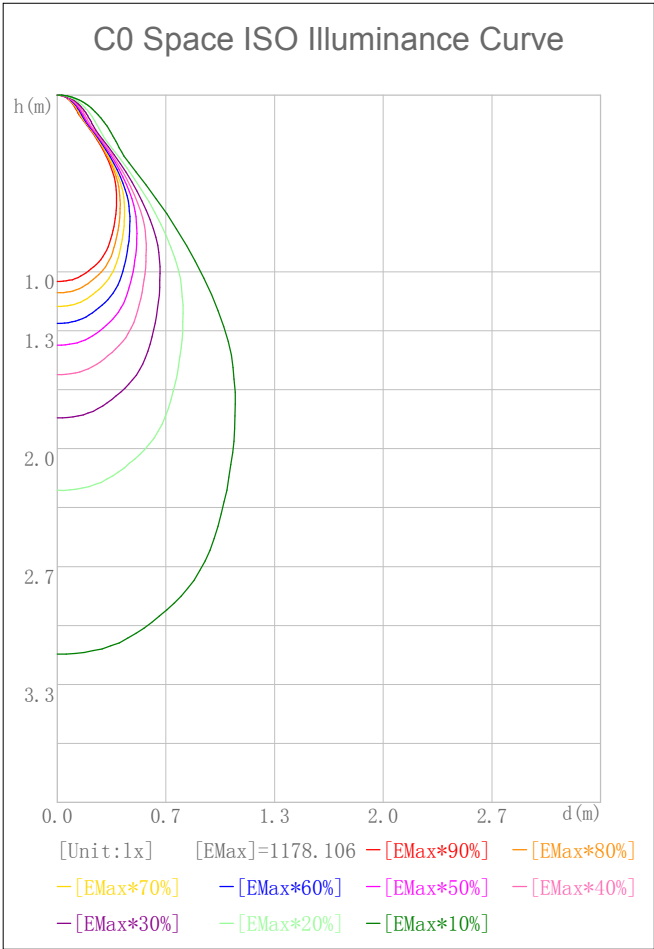
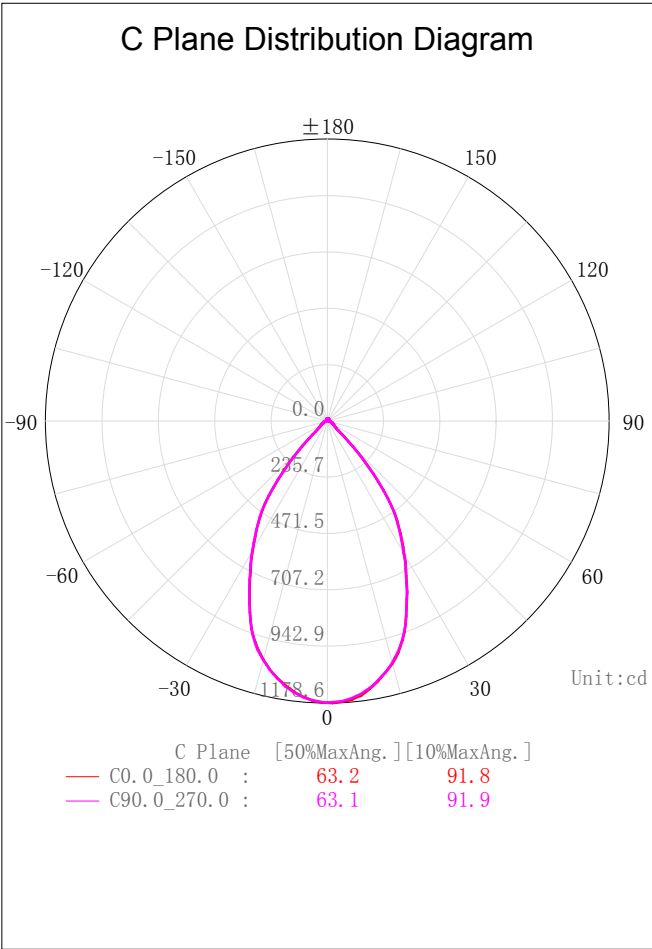


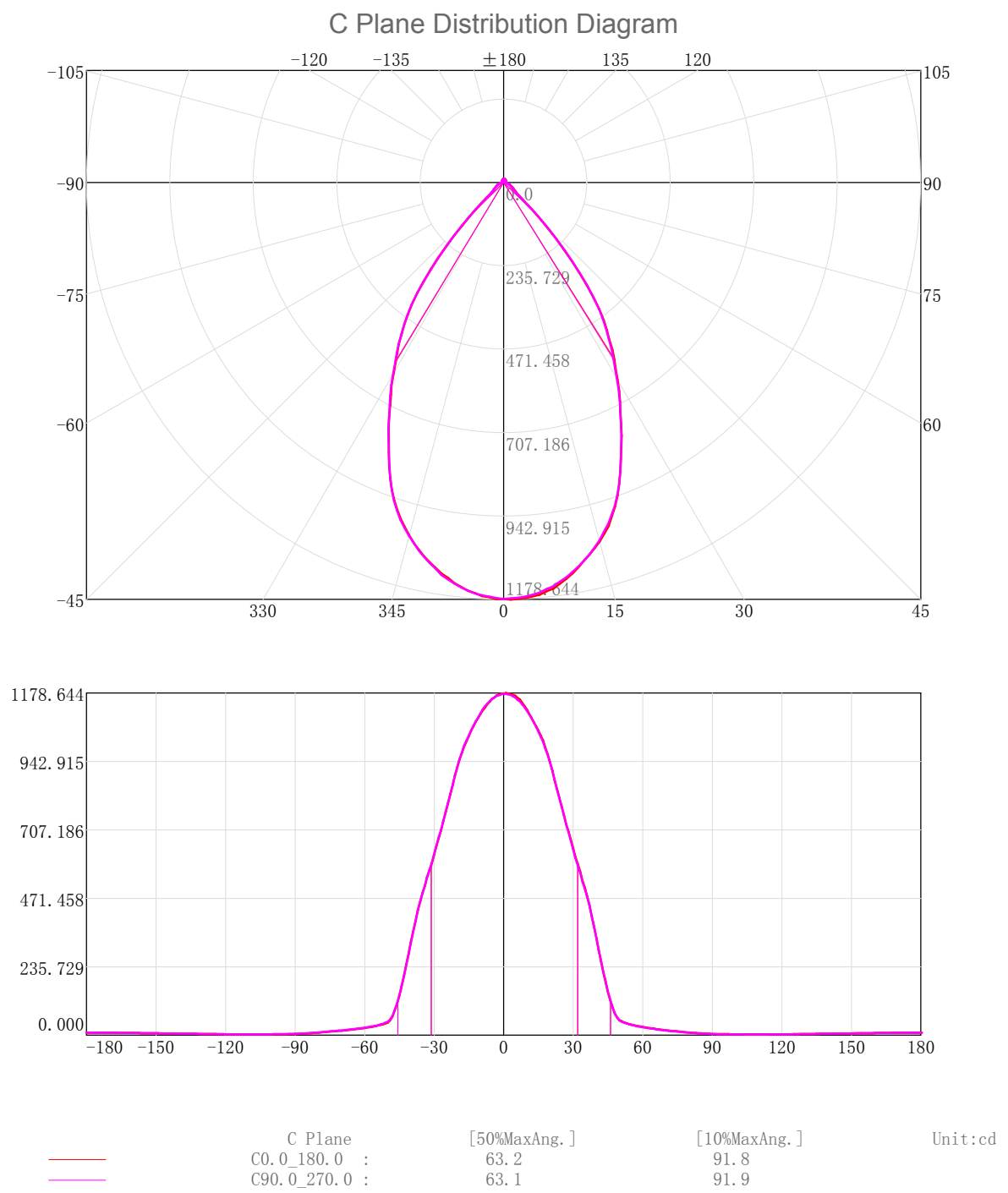
Indoor Luminaire Photometric Data

Character Parameter

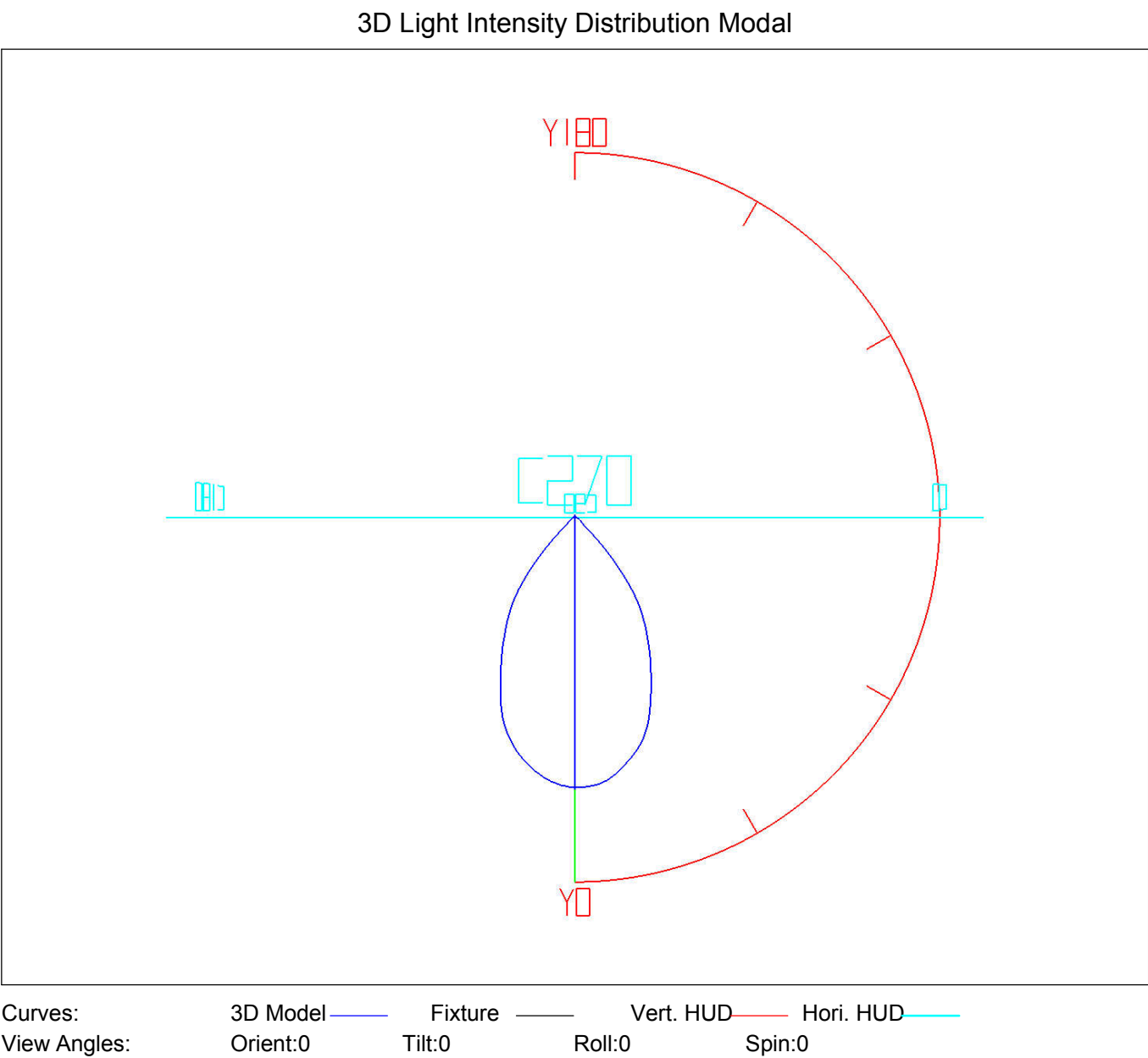
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm):	1229.000	Luminary Flux(lm):	1287.131
Rated Power(W):		Luminary Efficiency:	104.73%
Rated Voltage(V):		Luminary EER(lm/W):	103.969
Tested Power(W):	12.380	Max. Candela(cd):	1178.644
Lamps' Inside:	1	Max Cand@Ang. (°):	C=0.0 γ=1.0
Tested Electrics(V, A, pf):	240.4, 0.054, 0.944	Beam Angle(50%Imax):	63.2(°)
Lamp Size(W*L*H):	0.050m*0.000m*0.000m	Left=-31.1°, Right=32.0°	IRF(%):
			204.944



2D Plane Light Intensity Distribution Curve



3D Light Intensity Distribution Modal



IES EQUIVALENT

Photometric Filename:KA13R60BN.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	1.13	1.13	0.09	0.09	47.0-48.0	6.46	1171.54	0.53	95.32
1.0-2.0	3.37	4.50	0.27	0.37	48.0-49.0	5.20	1176.74	0.42	95.75
2.0-3.0	5.61	10.11	0.46	0.82	49.0-50.0	4.38	1181.12	0.36	96.10
3.0-4.0	7.83	17.93	0.64	1.46	50.0-51.0	3.96	1185.08	0.32	96.43
4.0-5.0	10.02	27.95	0.82	2.27	51.0-52.0	3.72	1188.80	0.30	96.73
5.0-6.0	12.17	40.12	0.99	3.26	52.0-53.0	3.51	1192.31	0.29	97.01
6.0-7.0	14.28	54.41	1.16	4.43	53.0-54.0	3.36	1195.67	0.27	97.29
7.0-8.0	16.34	70.75	1.33	5.76	54.0-55.0	3.22	1198.89	0.26	97.55
8.0-9.0	18.34	89.09	1.49	7.25	55.0-56.0	3.09	1201.98	0.25	97.80
9.0-10.0	20.27	109.36	1.65	8.90	56.0-57.0	2.96	1204.94	0.24	98.04
10.0-11.0	22.12	131.47	1.80	10.70	57.0-58.0	2.85	1207.78	0.23	98.27
11.0-12.0	23.91	155.38	1.95	12.64	58.0-59.0	2.75	1210.53	0.22	98.50
12.0-13.0	25.62	181.00	2.08	14.73	59.0-60.0	2.65	1213.18	0.22	98.71
13.0-14.0	27.25	208.25	2.22	16.94	60.0-61.0	2.55	1215.73	0.21	98.92
14.0-15.0	28.79	237.04	2.34	19.29	61.0-62.0	2.45	1218.18	0.20	99.12
15.0-16.0	30.22	267.26	2.46	21.75	62.0-63.0	2.35	1220.53	0.19	99.31
16.0-17.0	31.55	298.81	2.57	24.31	63.0-64.0	2.26	1222.79	0.18	99.49
17.0-18.0	32.73	331.54	2.66	26.98	64.0-65.0	2.18	1224.97	0.18	99.67
18.0-19.0	33.74	365.28	2.75	29.72	65.0-66.0	2.10	1227.07	0.17	99.84
19.0-20.0	34.60	399.88	2.82	32.54	66.0-67.0	2.02	1229.09	0.16	100.01
20.0-21.0	35.24	435.12	2.87	35.40	67.0-68.0	1.94	1231.02	0.16	100.16
21.0-22.0	35.65	470.77	2.90	38.30	68.0-69.0	1.86	1232.88	0.15	100.32
22.0-23.0	35.88	506.65	2.92	41.22	69.0-70.0	1.79	1234.67	0.15	100.46
23.0-24.0	36.00	542.65	2.93	44.15	70.0-71.0	1.72	1236.40	0.14	100.60
24.0-25.0	36.08	578.73	2.94	47.09	71.0-72.0	1.66	1238.05	0.13	100.74
25.0-26.0	36.03	614.76	2.93	50.02	72.0-73.0	1.58	1239.64	0.13	100.87
26.0-27.0	35.81	650.57	2.91	52.93	73.0-74.0	1.51	1241.14	0.12	100.99
27.0-28.0	35.62	686.19	2.90	55.83	74.0-75.0	1.44	1242.59	0.12	101.11
28.0-29.0	35.40	721.59	2.88	58.71	75.0-76.0	1.38	1243.96	0.11	101.22
29.0-30.0	34.97	756.56	2.85	61.56	76.0-77.0	1.31	1245.27	0.11	101.32
30.0-31.0	34.38	790.93	2.80	64.36	77.0-78.0	1.23	1246.50	0.10	101.42
31.0-32.0	33.84	824.77	2.75	67.11	78.0-79.0	1.15	1247.65	0.09	101.52
32.0-33.0	33.31	858.08	2.71	69.82	79.0-80.0	1.08	1248.73	0.09	101.61
33.0-34.0	32.56	890.64	2.65	72.47	80.0-81.0	1.02	1249.75	0.08	101.69
34.0-35.0	31.70	922.34	2.58	75.05	81.0-82.0	0.95	1250.70	0.08	101.77
35.0-36.0	30.83	953.17	2.51	77.56	82.0-83.0	0.88	1251.59	0.07	101.84
36.0-37.0	29.68	982.84	2.41	79.97	83.0-84.0	0.82	1252.41	0.07	101.90
37.0-38.0	28.14	1010.98	2.29	82.26	84.0-85.0	0.78	1253.19	0.06	101.97
38.0-39.0	26.26	1037.25	2.14	84.40	85.0-86.0	0.73	1253.92	0.06	102.03
39.0-40.0	24.15	1061.39	1.96	86.36	86.0-87.0	0.69	1254.61	0.06	102.08
40.0-41.0	21.86	1083.26	1.78	88.14	87.0-88.0	0.64	1255.25	0.05	102.14
41.0-42.0	19.48	1102.73	1.58	89.73	88.0-89.0	0.59	1255.84	0.05	102.18
42.0-43.0	17.06	1119.80	1.39	91.11	89.0-90.0	0.55	1256.38	0.04	102.23
43.0-44.0	14.67	1134.46	1.19	92.31	90.0-91.0	0.52	1256.90	0.04	102.27
44.0-45.0	12.33	1146.79	1.00	93.31	91.0-92.0	0.51	1257.41	0.04	102.31
45.0-46.0	10.13	1156.93	0.82	94.14	92.0-93.0	0.49	1257.90	0.04	102.35
46.0-47.0	8.15	1165.08	0.66	94.80	93.0-94.0	0.48	1258.38	0.04	102.39

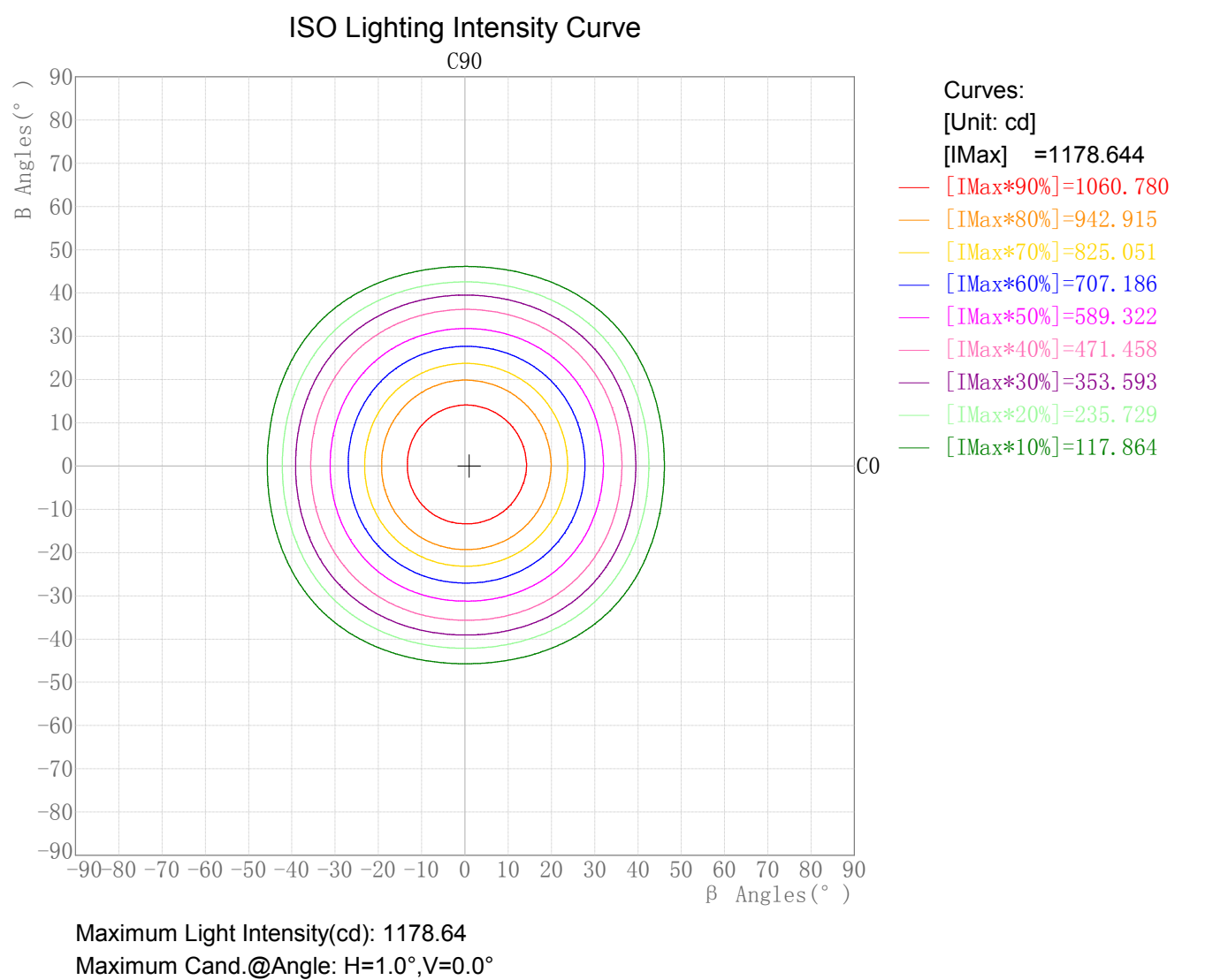
IES EQUIVALENT

Photometric Filename:KA13R60BN.IES

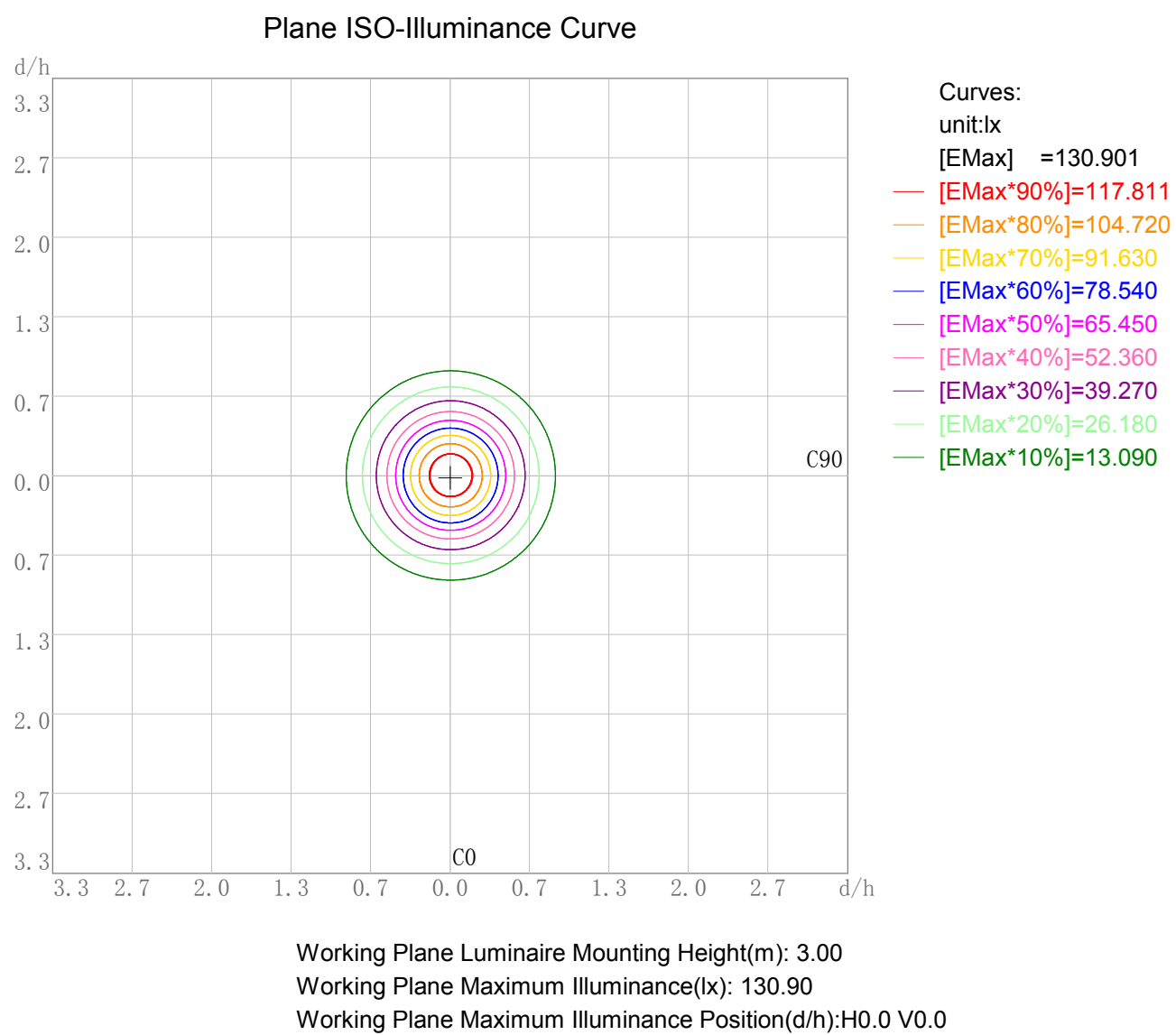
Zonal Flux Tabulation - (Cont.)

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. 47	1258. 85	0. 04	102. 43	141. 0-142. 0	0. 41	1277. 15	0. 03	103. 92
95. 0-96. 0	0. 46	1259. 30	0. 04	102. 47	142. 0-143. 0	0. 41	1277. 56	0. 03	103. 95
96. 0-97. 0	0. 44	1259. 75	0. 04	102. 50	143. 0-144. 0	0. 41	1277. 97	0. 03	103. 98
97. 0-98. 0	0. 43	1260. 18	0. 04	102. 54	144. 0-145. 0	0. 41	1278. 38	0. 03	104. 02
98. 0-99. 0	0. 42	1260. 61	0. 03	102. 57	145. 0-146. 0	0. 40	1278. 78	0. 03	104. 05
99. 0-100. 0	0. 42	1261. 02	0. 03	102. 61	146. 0-147. 0	0. 40	1279. 18	0. 03	104. 08
100. 0-101. 0	0. 41	1261. 43	0. 03	102. 64	147. 0-148. 0	0. 40	1279. 58	0. 03	104. 12
101. 0-102. 0	0. 40	1261. 83	0. 03	102. 67	148. 0-149. 0	0. 39	1279. 97	0. 03	104. 15
102. 0-103. 0	0. 39	1262. 22	0. 03	102. 70	149. 0-150. 0	0. 39	1280. 35	0. 03	104. 18
103. 0-104. 0	0. 39	1262. 61	0. 03	102. 73	150. 0-151. 0	0. 38	1280. 73	0. 03	104. 21
104. 0-105. 0	0. 38	1262. 99	0. 03	102. 77	151. 0-152. 0	0. 37	1281. 11	0. 03	104. 24
105. 0-106. 0	0. 38	1263. 36	0. 03	102. 80	152. 0-153. 0	0. 37	1281. 48	0. 03	104. 27
106. 0-107. 0	0. 37	1263. 73	0. 03	102. 83	153. 0-154. 0	0. 36	1281. 84	0. 03	104. 30
107. 0-108. 0	0. 37	1264. 10	0. 03	102. 86	154. 0-155. 0	0. 35	1282. 19	0. 03	104. 33
108. 0-109. 0	0. 36	1264. 46	0. 03	102. 89	155. 0-156. 0	0. 34	1282. 53	0. 03	104. 36
109. 0-110. 0	0. 36	1264. 82	0. 03	102. 91	156. 0-157. 0	0. 34	1282. 87	0. 03	104. 38
110. 0-111. 0	0. 36	1265. 18	0. 03	102. 94	157. 0-158. 0	0. 33	1283. 20	0. 03	104. 41
111. 0-112. 0	0. 36	1265. 54	0. 03	102. 97	158. 0-159. 0	0. 32	1283. 52	0. 03	104. 44
112. 0-113. 0	0. 36	1265. 90	0. 03	103. 00	159. 0-160. 0	0. 31	1283. 82	0. 03	104. 46
113. 0-114. 0	0. 36	1266. 26	0. 03	103. 03	160. 0-161. 0	0. 30	1284. 12	0. 02	104. 48
114. 0-115. 0	0. 36	1266. 62	0. 03	103. 06	161. 0-162. 0	0. 29	1284. 41	0. 02	104. 51
115. 0-116. 0	0. 36	1266. 98	0. 03	103. 09	162. 0-163. 0	0. 27	1284. 68	0. 02	104. 53
116. 0-117. 0	0. 36	1267. 34	0. 03	103. 12	163. 0-164. 0	0. 26	1284. 94	0. 02	104. 55
117. 0-118. 0	0. 36	1267. 70	0. 03	103. 15	164. 0-165. 0	0. 25	1285. 19	0. 02	104. 57
118. 0-119. 0	0. 36	1268. 06	0. 03	103. 18	165. 0-166. 0	0. 24	1285. 43	0. 02	104. 59
119. 0-120. 0	0. 37	1268. 43	0. 03	103. 21	166. 0-167. 0	0. 22	1285. 65	0. 02	104. 61
120. 0-121. 0	0. 37	1268. 80	0. 03	103. 24	167. 0-168. 0	0. 21	1285. 86	0. 02	104. 63
121. 0-122. 0	0. 37	1269. 17	0. 03	103. 27	168. 0-169. 0	0. 20	1286. 06	0. 02	104. 64
122. 0-123. 0	0. 37	1269. 54	0. 03	103. 30	169. 0-170. 0	0. 18	1286. 24	0. 01	104. 66
123. 0-124. 0	0. 38	1269. 91	0. 03	103. 33	170. 0-171. 0	0. 17	1286. 40	0. 01	104. 67
124. 0-125. 0	0. 38	1270. 29	0. 03	103. 36	171. 0-172. 0	0. 15	1286. 55	0. 01	104. 68
125. 0-126. 0	0. 38	1270. 68	0. 03	103. 39	172. 0-173. 0	0. 13	1286. 69	0. 01	104. 69
126. 0-127. 0	0. 39	1271. 06	0. 03	103. 42	173. 0-174. 0	0. 12	1286. 80	0. 01	104. 70
127. 0-128. 0	0. 39	1271. 45	0. 03	103. 45	174. 0-175. 0	0. 10	1286. 90	0. 01	104. 71
128. 0-129. 0	0. 39	1271. 84	0. 03	103. 49	175. 0-176. 0	0. 08	1286. 98	0. 01	104. 72
129. 0-130. 0	0. 40	1272. 24	0. 03	103. 52	176. 0-177. 0	0. 06	1287. 05	0. 01	104. 72
130. 0-131. 0	0. 40	1272. 64	0. 03	103. 55	177. 0-178. 0	0. 05	1287. 09	0. 00	104. 73
131. 0-132. 0	0. 40	1273. 04	0. 03	103. 58	178. 0-179. 0	0. 03	1287. 12	0. 00	104. 73
132. 0-133. 0	0. 40	1273. 44	0. 03	103. 62	179. 0-180. 0	0. 01	1287. 13	0. 00	104. 73
133. 0-134. 0	0. 41	1273. 85	0. 03	103. 65					
134. 0-135. 0	0. 41	1274. 26	0. 03	103. 68					
135. 0-136. 0	0. 41	1274. 67	0. 03	103. 72					
136. 0-137. 0	0. 41	1275. 08	0. 03	103. 75					
137. 0-138. 0	0. 41	1275. 49	0. 03	103. 78					
138. 0-139. 0	0. 41	1275. 90	0. 03	103. 82					
139. 0-140. 0	0. 41	1276. 32	0. 03	103. 85					
140. 0-141. 0	0. 41	1276. 73	0. 03	103. 88					

Rectangle ISO Lighting Intensity Diagram

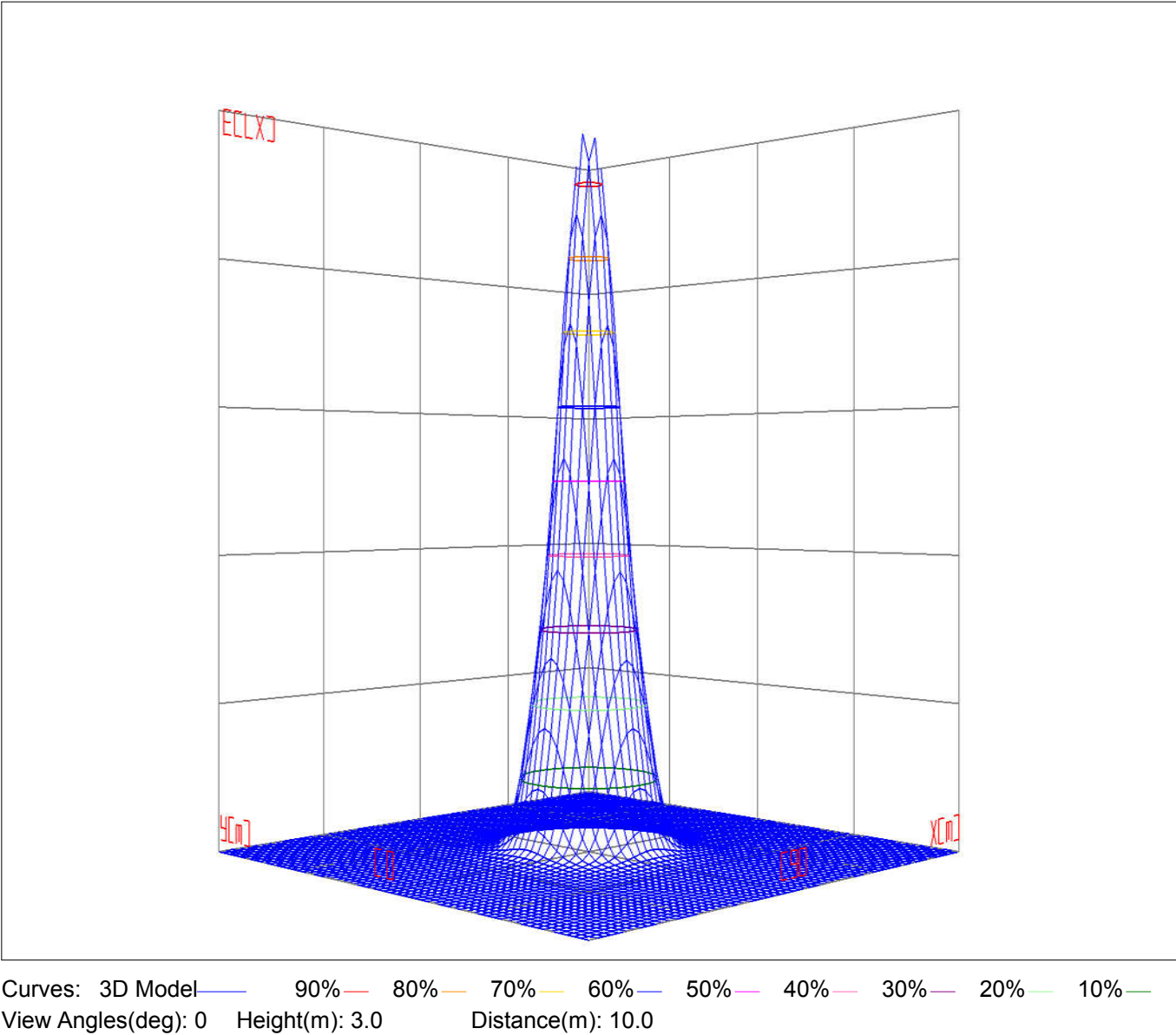


Plane ISO-Illuminance Diagram

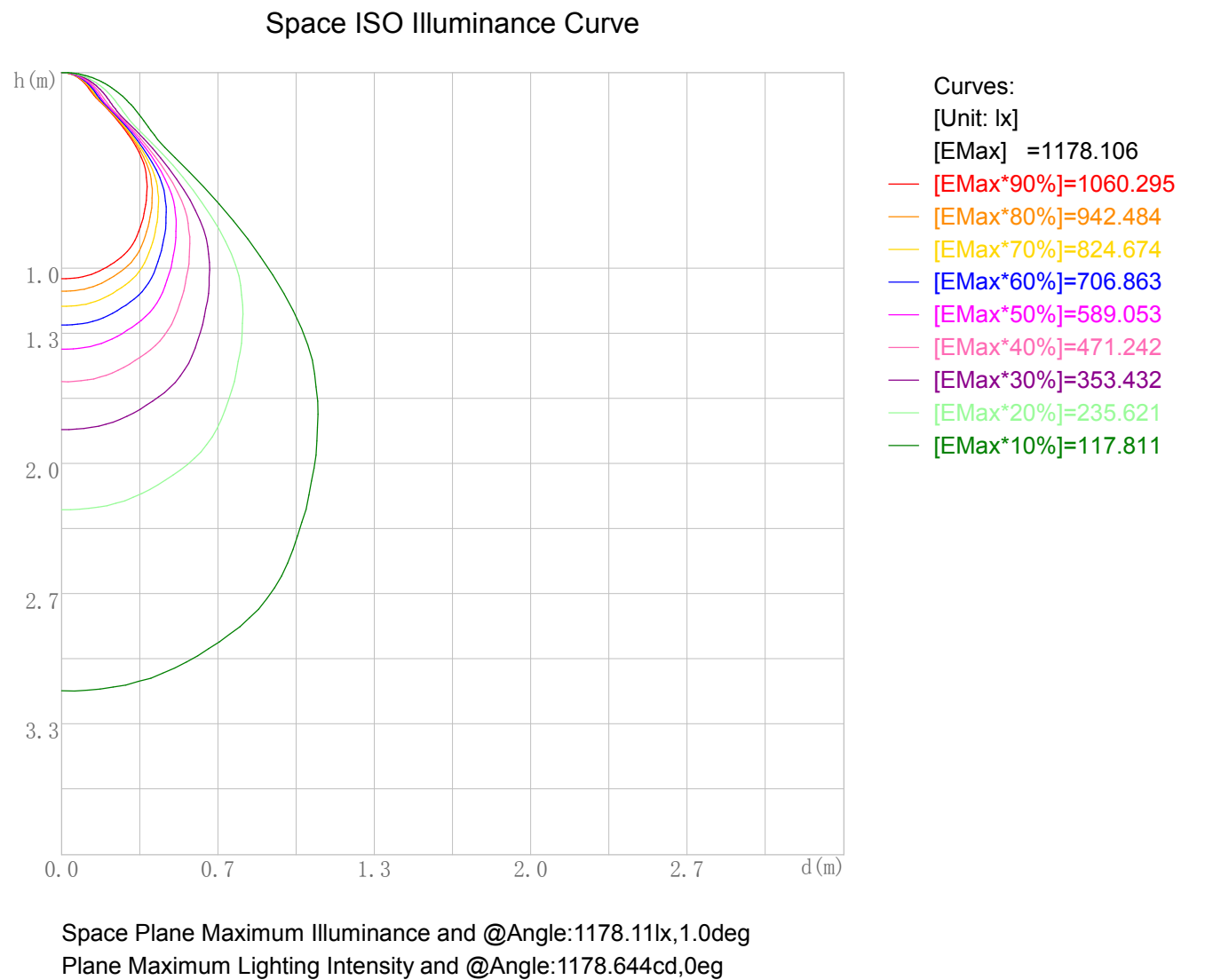


3D Plane ISO Illuminance Diagram

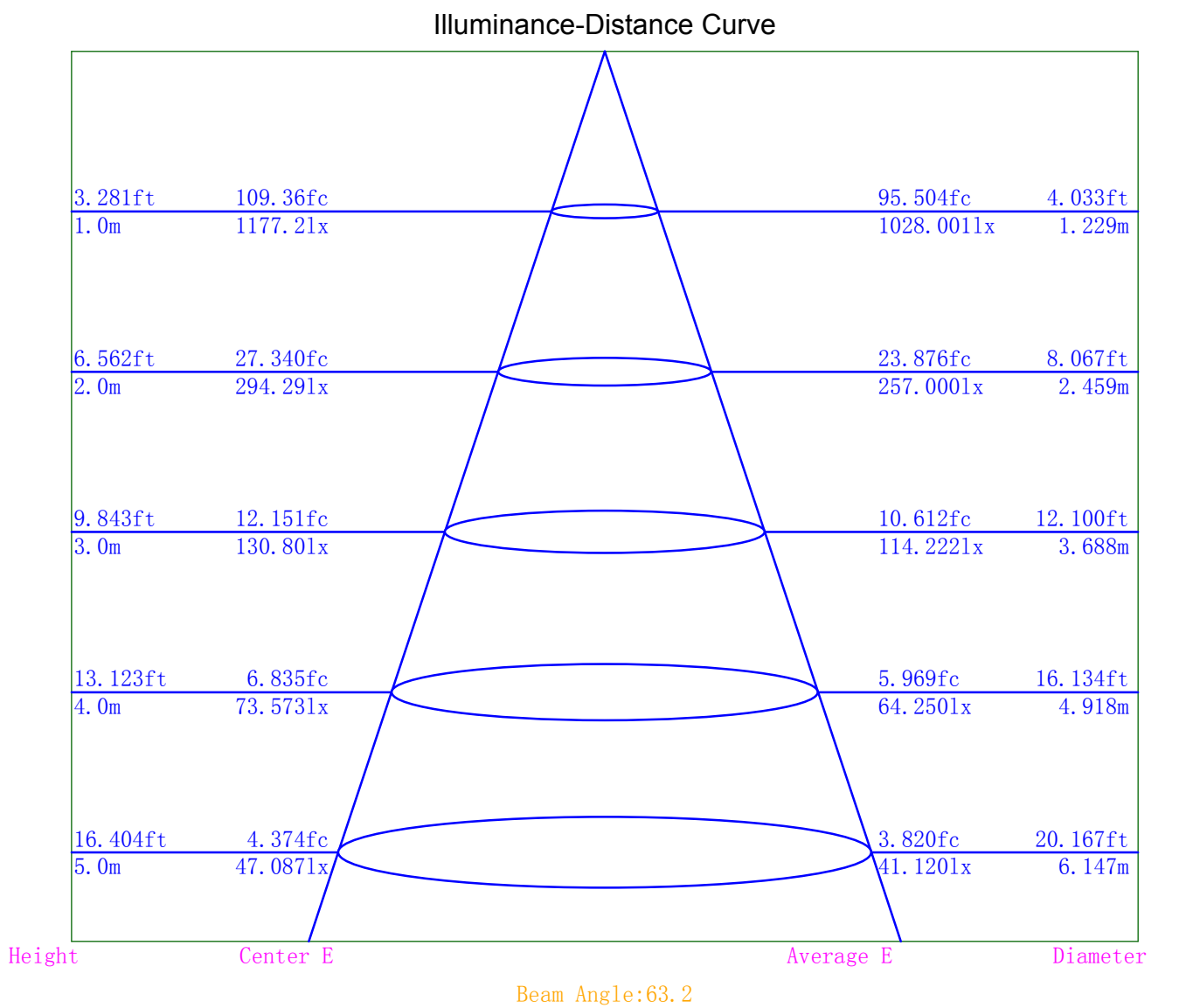
3D Plane Illuminance Modal



Space ISO Illuminance Diagram



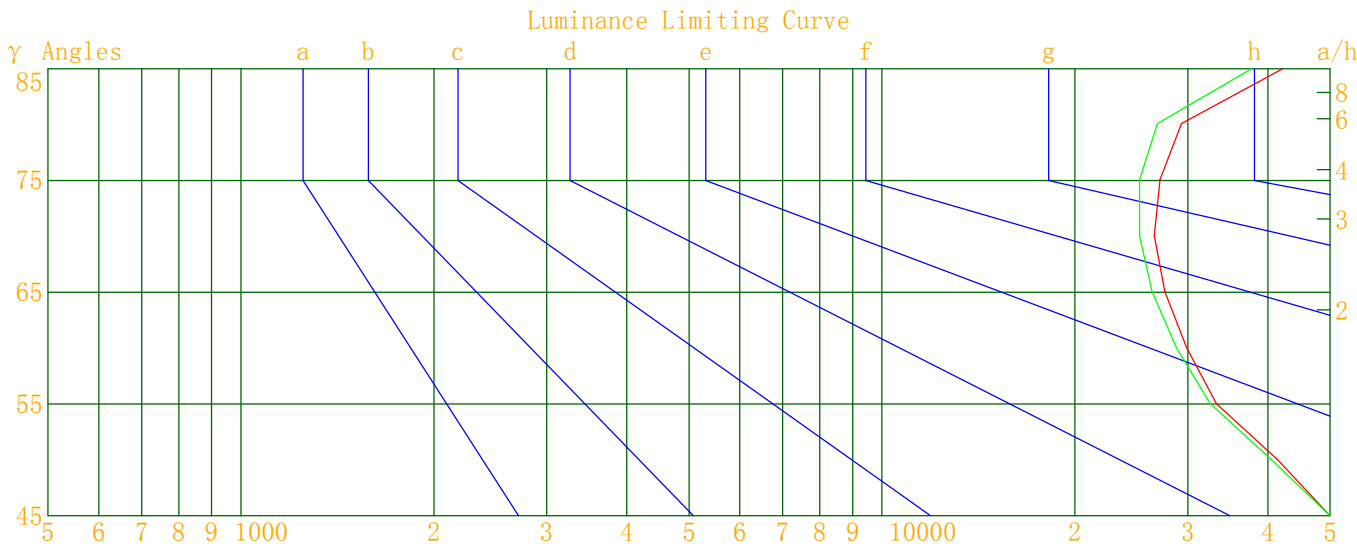
Illuminance-Distance Diagram



Indoor Luminance Limiting Curves

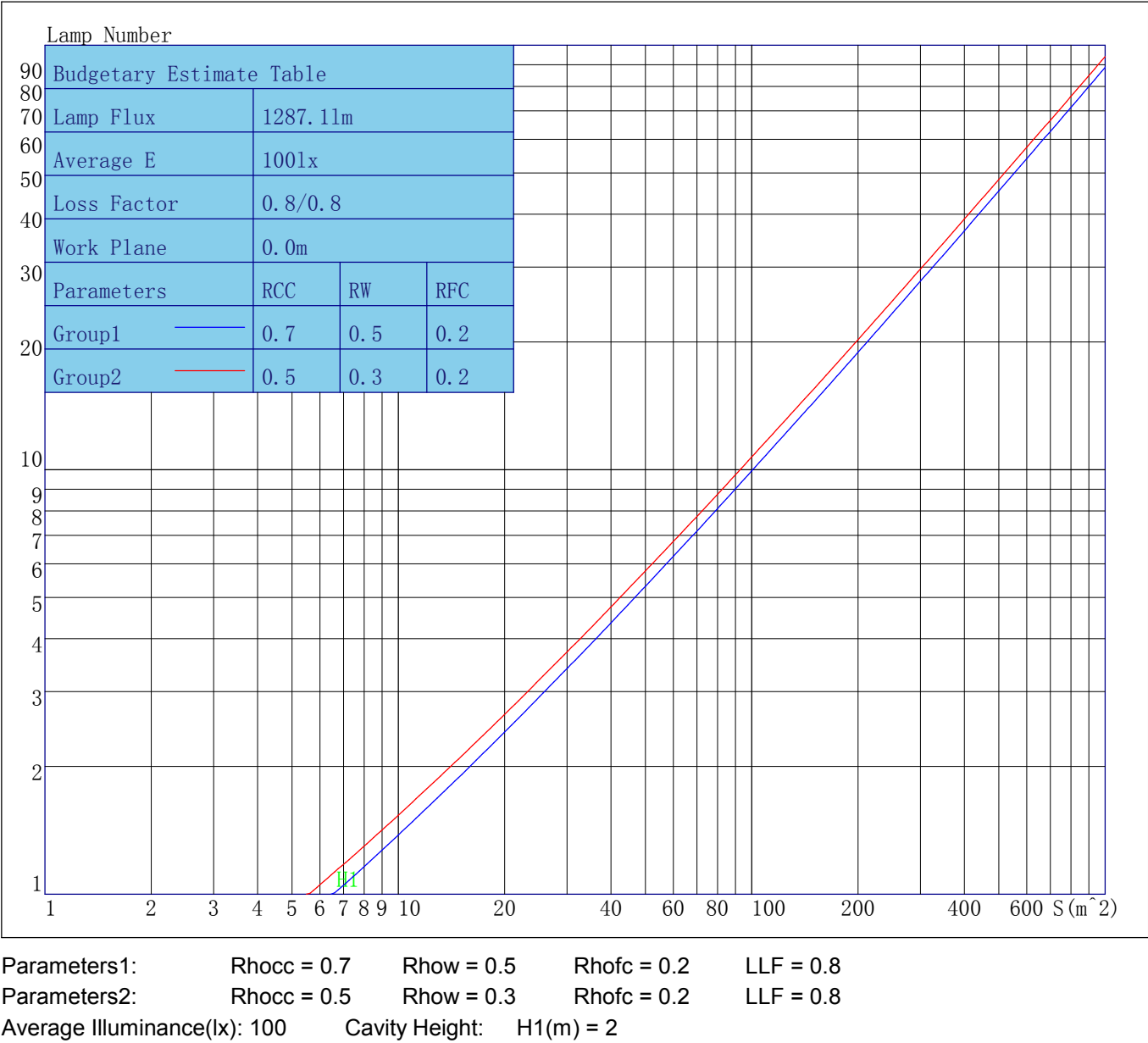
Glare Grade Table									
GI	Quality	Using Illuminance							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E	a				2000	1000	500	<=300
			b	c	d	e	f	g	h

Luminance Table									
Gama (deg)	45	50	55	60	65	70	75	80	85
C0	107994	41409	33257	29866	27624	26594	27153	29341	42167
C90	108832	40531	32515	28777	26389	25232	25229	26907	37714



Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table



Indoor Coefficient of Utilization Table

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	124	124	124	124	121	121	121	121	115	115	115	110	110	110	105	105	105	102
1	117	114	111	108	114	111	109	106	107	105	103	102	101	99	98	97	96	94
2	111	105	100	96	108	103	98	95	99	95	92	95	92	90	92	90	88	86
3	104	97	91	86	102	95	90	85	92	87	84	89	85	82	86	83	80	79
4	98	89	83	78	96	88	82	77	85	80	76	83	79	75	81	77	74	72
5	93	83	76	71	91	82	76	71	80	74	70	78	73	69	76	72	68	67
6	88	77	70	65	86	76	70	65	74	69	64	73	68	64	71	67	63	61
7	83	72	65	60	81	71	65	60	70	64	60	68	63	59	67	62	59	57
8	78	67	61	56	77	67	60	56	65	60	55	64	59	55	63	58	55	53
9	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	54	51	49
10	70	60	53	49	69	59	53	48	58	52	48	57	52	48	56	51	48	46

Unified Glare Rating Table

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	24.9	26.0	25.3	26.4	26.8	24.9	26.0	25.3	26.4	26.7
	Y=3H	25.0	26.0	25.4	26.4	26.8	24.9	25.9	25.4	26.3	26.7
	Y=4H	25.1	26.0	25.5	26.4	26.8	25.0	25.9	25.4	26.3	26.8
	Y=6H	25.2	26.0	25.6	26.5	26.9	25.1	25.9	25.5	26.4	26.8
	Y=8H	25.2	26.0	25.7	26.5	26.9	25.1	25.9	25.6	26.4	26.8
	Y=12H	25.3	26.1	25.8	26.5	27.0	25.2	26.0	25.6	26.4	26.9
X=4H	Y=2H	24.7	25.7	25.2	26.1	26.5	24.7	25.6	25.2	26.0	26.5
	Y=3H	24.9	25.7	25.4	26.2	26.6	24.9	25.7	25.3	26.1	26.6
	Y=4H	25.1	25.8	25.6	26.3	26.8	25.0	25.7	25.5	26.2	26.7
	Y=6H	25.3	25.9	25.8	26.4	27.0	25.2	25.8	25.7	26.3	26.8
	Y=8H	25.4	26.0	25.9	26.5	27.0	25.3	25.9	25.8	26.4	26.9
	Y=12H	25.6	26.1	26.1	26.6	27.2	25.4	25.9	25.9	26.5	27.0
X=8H	Y=4H	25.1	25.7	25.6	26.2	26.7	25.0	25.6	25.5	26.1	26.6
	Y=6H	25.4	25.9	25.9	26.4	27.0	25.3	25.8	25.8	26.3	26.9
	Y=8H	25.6	26.0	26.1	26.6	27.1	25.4	25.9	26.0	26.4	27.0
	Y=12H	25.9	26.3	26.4	26.8	27.4	25.7	26.1	26.2	26.6	27.2
X=12H	Y=4H	25.0	25.6	25.6	26.1	26.6	25.0	25.5	25.5	26.0	26.5
	Y=6H	25.4	25.8	26.0	26.4	27.0	25.3	25.7	25.8	26.2	26.8
	Y=8H	25.6	26.1	26.2	26.6	27.2	25.5	25.9	26.0	26.4	27.1
Variations with the objerver position at spacings											
S=1.0H		0.2/-0.2					0.3/-0.3				
S=1.5H		0.4/-0.5					0.5/-0.5				
S=2.0H		0.5/-0.6					0.6/-0.6				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		1.1					1.0				

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

IES EQUIVALENT

Photometric Filename:KA13R60BN.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	1177.16	1177.16	1177.16	1177.16
γ 1.0	1178.64	1174.93	1176.95	1174.26
γ 2.0	1177.20	1174.03	1172.72	1171.31
γ 3.0	1175.34	1172.18	1170.38	1168.22
γ 4.0	1171.98	1167.91	1163.03	1163.63
γ 5.0	1169.28	1163.18	1157.88	1157.70
γ 6.0	1161.43	1155.41	1148.77	1150.78
γ 7.0	1155.89	1149.80	1140.87	1142.38
γ 8.0	1144.63	1138.99	1128.40	1132.66
γ 9.0	1133.52	1130.14	1119.34	1122.69
γ 10.0	1121.38	1117.57	1105.90	1107.80
γ 11.0	1107.74	1105.68	1093.35	1095.20
γ 12.0	1092.56	1092.13	1080.07	1081.26
γ 13.0	1079.08	1078.46	1065.23	1066.73
γ 14.0	1064.35	1062.63	1049.77	1049.25
γ 15.0	1049.61	1046.57	1031.70	1033.68
γ 16.0	1032.13	1027.58	1012.93	1015.18
γ 17.0	1014.74	1009.66	993.89	997.64
γ 18.0	990.76	986.58	972.61	975.00
γ 19.0	967.38	965.06	949.49	951.28
γ 20.0	940.96	939.63	923.61	924.53
γ 21.0	910.95	911.96	894.36	894.12
γ 22.0	879.21	879.91	862.91	862.29
γ 23.0	847.89	848.13	830.96	829.53
γ 24.0	817.32	816.63	796.63	799.55
γ 25.0	789.63	788.17	768.28	770.38
γ 26.0	757.20	755.70	737.19	738.19
γ 27.0	726.93	725.86	705.88	708.53
γ 28.0	700.61	698.94	678.07	682.36
γ 29.0	674.13	671.01	653.08	654.11
γ 30.0	644.05	638.96	621.63	623.39
γ 31.0	615.31	610.27	592.73	595.10
γ 32.0	589.97	584.12	567.07	569.94
γ 33.0	564.03	558.94	543.93	544.81
γ 34.0	533.93	528.83	514.09	515.08
γ 35.0	508.37	503.74	488.90	489.58
γ 36.0	480.86	478.04	460.93	462.08
γ 37.0	448.02	448.27	431.23	430.34
γ 38.0	412.20	412.13	395.82	394.45
γ 39.0	372.79	375.15	358.32	356.67
γ 40.0	333.99	334.82	321.30	316.45
γ 41.0	293.62	294.86	281.91	278.96
γ 42.0	253.87	257.55	242.55	241.07
γ 43.0	217.93	219.32	206.33	203.89
γ 44.0	181.55	185.73	169.01	170.49
γ 45.0	149.94	151.10	137.27	138.37
γ 46.0	120.27	121.83	108.29	109.34

IES EQUIVALENT
Photometric Filename:KA13R60BN.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	95.41	95.23	84.50	84.86
γ 48.0	74.50	74.08	64.51	66.53
γ 49.0	60.81	60.36	51.45	53.86
γ 50.0	52.26	51.15	43.88	46.79
γ 51.0	48.51	46.96	41.14	43.44
γ 52.0	44.46	43.78	38.17	40.07
γ 53.0	41.76	41.06	35.97	37.74
γ 54.0	39.57	38.74	34.24	35.78
γ 55.0	37.45	36.62	32.58	33.91
γ 56.0	35.43	34.49	30.73	31.99
γ 57.0	33.74	32.74	29.27	30.41
γ 58.0	32.09	31.06	27.96	29.00
γ 59.0	30.73	29.65	26.75	27.80
γ 60.0	29.32	28.25	25.51	26.52
γ 61.0	27.88	26.76	24.25	25.36
γ 62.0	26.40	25.24	23.06	24.02
γ 63.0	25.19	24.12	21.98	22.98
γ 64.0	24.04	22.96	21.07	21.94
γ 65.0	22.92	21.90	20.22	21.20
γ 66.0	21.82	20.89	19.26	20.24
γ 67.0	20.79	19.79	18.47	19.40
γ 68.0	19.71	18.69	17.58	18.48
γ 69.0	18.72	17.76	16.95	17.78
γ 70.0	17.86	16.94	16.29	17.04
γ 71.0	17.11	16.12	15.77	16.34
γ 72.0	16.17	15.32	14.93	15.74
γ 73.0	15.29	14.38	14.24	14.93
γ 74.0	14.50	13.55	13.58	14.28
γ 75.0	13.80	12.82	12.97	13.66
γ 76.0	13.01	12.18	12.38	12.93
γ 77.0	12.29	11.51	11.63	12.24
γ 78.0	11.36	10.62	10.79	11.41
γ 79.0	10.68	9.88	10.18	10.67
γ 80.0	10.00	9.17	9.57	10.06
γ 81.0	9.49	8.62	8.90	9.52
γ 82.0	8.73	7.99	8.18	8.87
γ 83.0	8.08	7.34	7.60	8.22
γ 84.0	7.58	6.84	7.15	7.71
γ 85.0	7.22	6.45	6.75	7.32
γ 86.0	6.80	6.02	6.27	6.90
γ 87.0	6.31	5.55	5.84	6.43
γ 88.0	5.87	5.18	5.41	5.99
γ 89.0	5.45	4.74	4.93	5.57
γ 90.0	5.09	4.34	4.56	5.23
γ 91.0	4.94	4.22	4.43	5.09
γ 92.0	4.81	4.11	4.32	4.95
γ 93.0	4.69	4.01	4.21	4.82

IES EQUIVALENT
Photometric Filename:KA13R60BN.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	4.58	3.91	4.11	4.70
γ 95.0	4.46	3.82	4.02	4.60
γ 96.0	4.35	3.73	3.92	4.49
γ 97.0	4.25	3.66	3.85	4.39
γ 98.0	4.15	3.58	3.77	4.30
γ 99.0	4.07	3.51	3.71	4.21
γ 100.0	3.99	3.44	3.65	4.13
γ 101.0	3.92	3.39	3.59	4.07
γ 102.0	3.86	3.33	3.54	4.01
γ 103.0	3.80	3.30	3.51	3.95
γ 104.0	3.74	3.25	3.47	3.91
γ 105.0	3.71	3.23	3.46	3.87
γ 106.0	3.68	3.19	3.42	3.84
γ 107.0	3.64	3.19	3.42	3.82
γ 108.0	3.62	3.17	3.42	3.80
γ 109.0	3.61	3.18	3.42	3.80
γ 110.0	3.61	3.18	3.43	3.79
γ 111.0	3.61	3.19	3.45	3.80
γ 112.0	3.61	3.21	3.46	3.82
γ 113.0	3.62	3.23	3.51	3.84
γ 114.0	3.64	3.26	3.54	3.85
γ 115.0	3.66	3.30	3.59	3.88
γ 116.0	3.69	3.34	3.63	3.92
γ 117.0	3.73	3.39	3.69	3.97
γ 118.0	3.77	3.43	3.74	4.02
γ 119.0	3.82	3.49	3.82	4.07
γ 120.0	3.87	3.55	3.88	4.12
γ 121.0	3.93	3.62	3.95	4.20
γ 122.0	3.99	3.70	4.02	4.27
γ 123.0	4.06	3.77	4.12	4.33
γ 124.0	4.13	3.85	4.20	4.42
γ 125.0	4.22	3.94	4.30	4.49
γ 126.0	4.30	4.03	4.39	4.58
γ 127.0	4.40	4.13	4.50	4.67
γ 128.0	4.50	4.23	4.60	4.77
γ 129.0	4.59	4.32	4.71	4.85
γ 130.0	4.69	4.43	4.82	4.95
γ 131.0	4.79	4.54	4.93	5.05
γ 132.0	4.90	4.65	5.04	5.16
γ 133.0	5.00	4.77	5.16	5.26
γ 134.0	5.10	4.88	5.27	5.38
γ 135.0	5.22	5.01	5.40	5.48
γ 136.0	5.34	5.11	5.52	5.60
γ 137.0	5.46	5.23	5.66	5.71
γ 138.0	5.58	5.35	5.78	5.83
γ 139.0	5.69	5.48	5.91	5.96
γ 140.0	5.81	5.60	6.03	6.07

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	5.93	5.73	6.16	6.18
γ 142.0	6.05	5.84	6.28	6.30
γ 143.0	6.15	5.96	6.40	6.40
γ 144.0	6.27	6.07	6.51	6.52
γ 145.0	6.38	6.18	6.63	6.62
γ 146.0	6.48	6.30	6.74	6.74
γ 147.0	6.59	6.42	6.86	6.84
γ 148.0	6.69	6.53	6.95	6.93
γ 149.0	6.80	6.64	7.07	7.05
γ 150.0	6.91	6.74	7.16	7.15
γ 151.0	7.00	6.87	7.28	7.25
γ 152.0	7.11	6.95	7.38	7.35
γ 153.0	7.21	7.07	7.50	7.46
γ 154.0	7.32	7.18	7.60	7.56
γ 155.0	7.43	7.31	7.72	7.66
γ 156.0	7.55	7.40	7.82	7.78
γ 157.0	7.66	7.52	7.93	7.87
γ 158.0	7.77	7.63	8.03	7.99
γ 159.0	7.88	7.74	8.14	8.08
γ 160.0	7.99	7.85	8.24	8.18
γ 161.0	8.10	7.97	8.35	8.27
γ 162.0	8.20	8.06	8.44	8.38
γ 163.0	8.31	8.17	8.55	8.47
γ 164.0	8.44	8.29	8.65	8.56
γ 165.0	8.53	8.41	8.74	8.67
γ 166.0	8.65	8.51	8.84	8.75
γ 167.0	8.75	8.61	8.94	8.85
γ 168.0	8.87	8.71	9.03	8.95
γ 169.0	8.96	8.82	9.13	9.02
γ 170.0	9.07	8.91	9.21	9.11
γ 171.0	9.16	9.01	9.31	9.19
γ 172.0	9.26	9.11	9.38	9.27
γ 173.0	9.34	9.19	9.45	9.33
γ 174.0	9.43	9.27	9.53	9.40
γ 175.0	9.49	9.34	9.57	9.45
γ 176.0	9.54	9.40	9.61	9.50
γ 177.0	9.59	9.46	9.66	9.56
γ 178.0	9.64	9.51	9.70	9.57
γ 179.0	9.67	9.55	9.70	9.60
γ 180.0	9.66	9.66	9.66	9.66