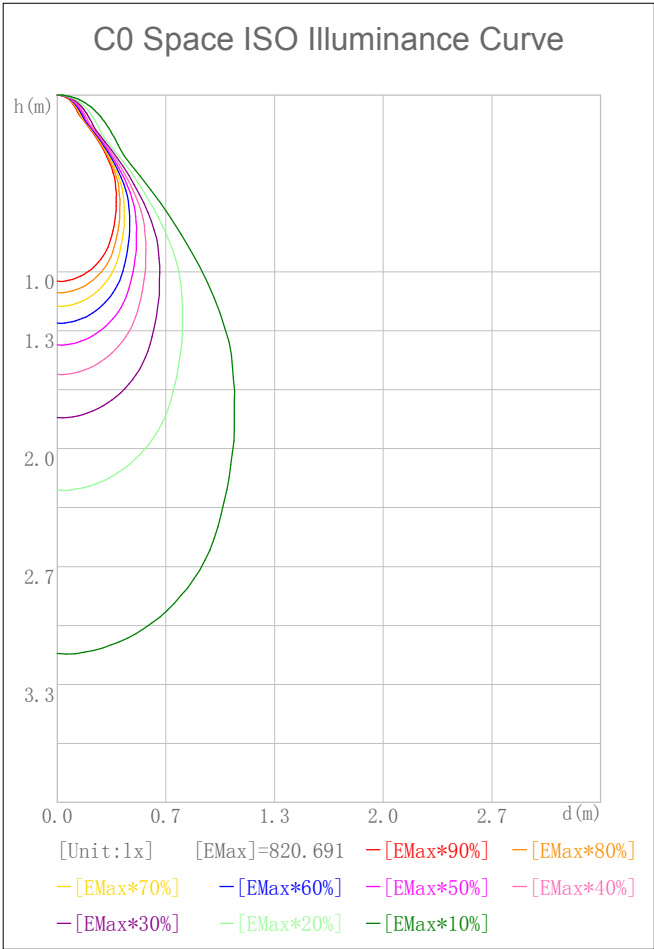
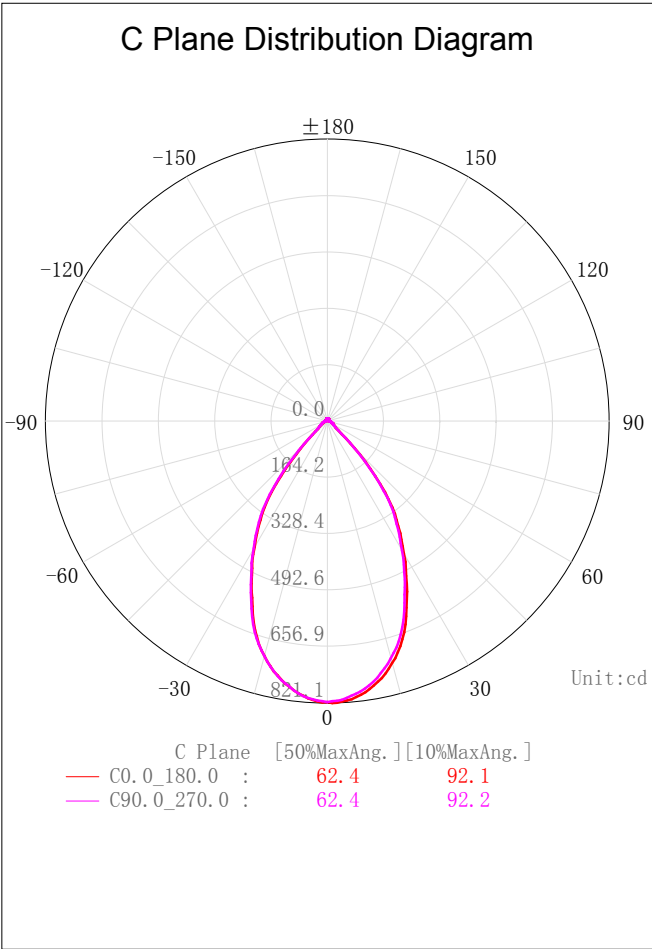


Indoor Luminaire Photometric Data

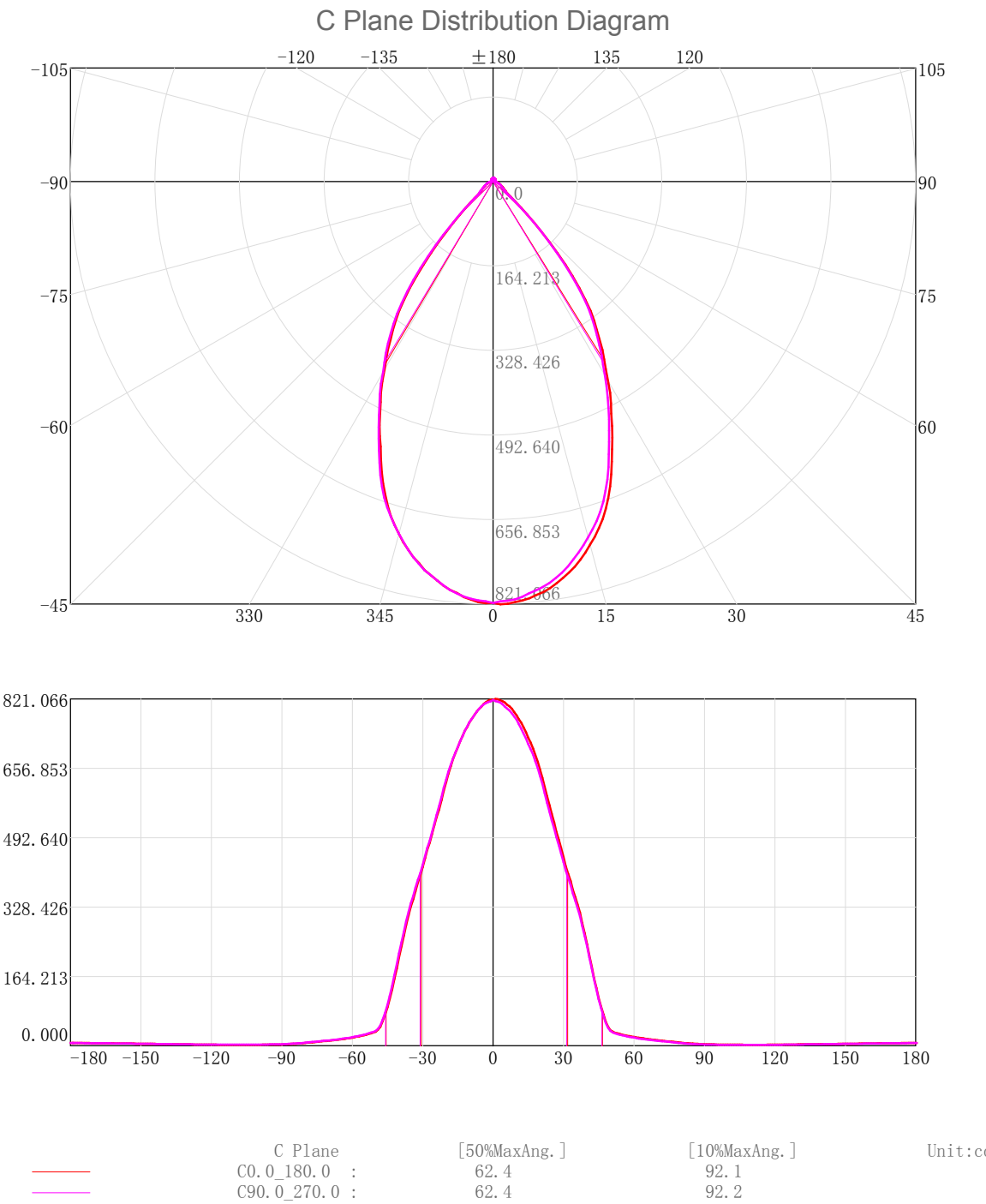
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm):	797.000	Luminary Flux(lm):	893.438
Rated Power(W):		Luminary Efficiency:	112.10%
Rated Voltage(V):		Luminary EER(lm/W):	102.517
Tested Power(W):	8.715	Max. Candela(cd):	821.066
Lamps' Inside:	1	Max Cand@Ang. (°):	C=0.0 γ=1.0
Tested Electrics(V, A, pf):	240.0, 0.040, 0.904	Beam Angle(50%Imax):	62.4(°)
Lamp Size(W*L*H):	0.050m*0.000m*0.000m	Left=-30.6°, Right=31.8°	IRF(%):
			205.734
		Field Angle(10%Imax):	92.1(°)
		Down Lumens&Percent:	869.992lm 97.38%
		Up Lumens&Percent:	23.446lm 2.62%
		S/MH:	C0_a180=0.914 C90_270=0.908
		CIE Type:	Semi-Direct
		ErP Φuse(90°):	786.100lm

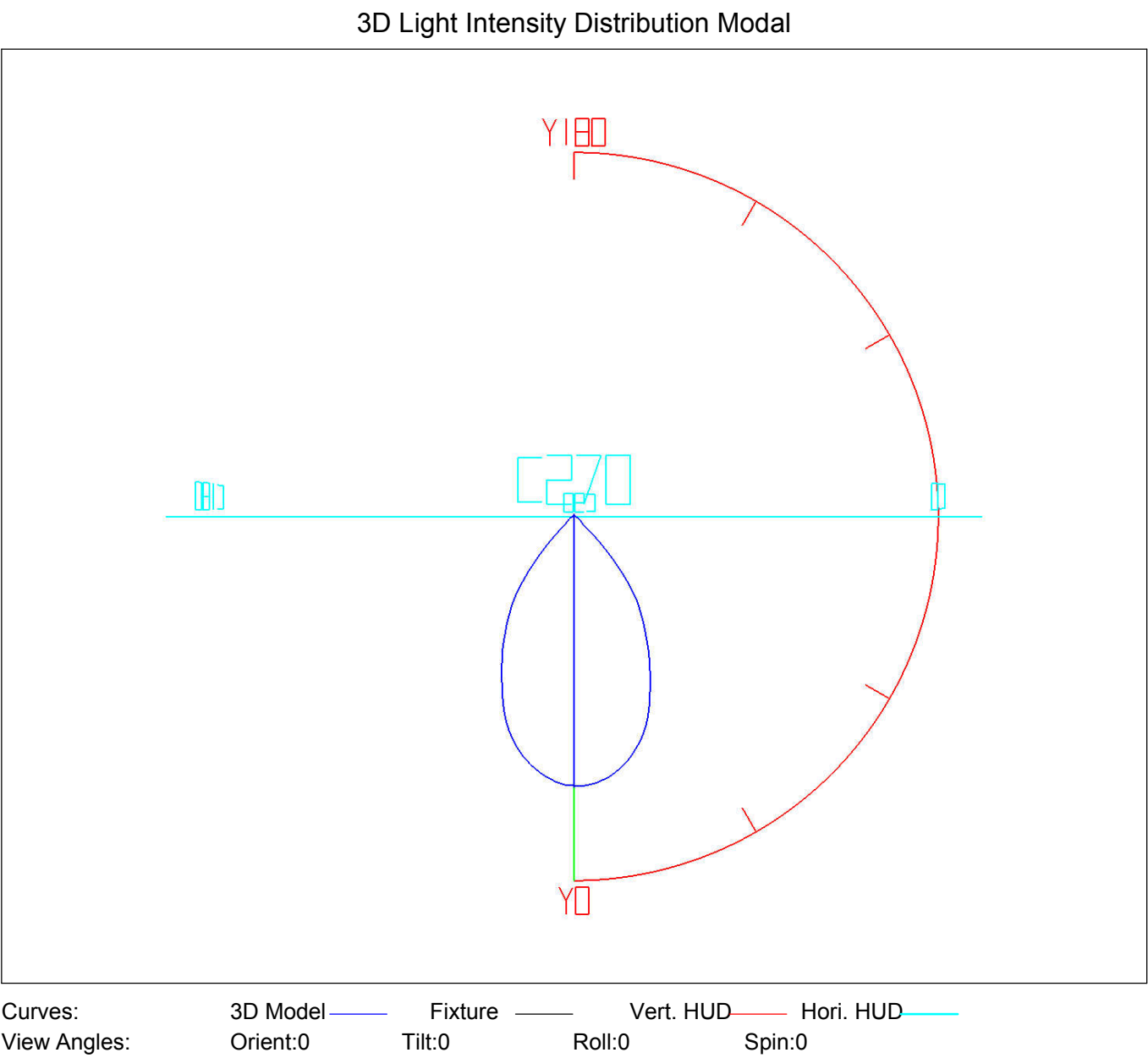


2D Plane Light Intensity Distribution Curve

Lum. Name:MD02-09-4000K RA80 CREE 1507 60D	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:SHENZHEN NORMING LIGHTING CO.,LTD	Test Machine:GON-2000	Test Date:2018/03/30



3D Light Intensity Distribution Modal



IES EQUIVALENT

Photometric Filename:KA9R60BN.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	0.78	0.78	0.10	0.10	47.0-48.0	4.75	806.52	0.60	101.19
1.0-2.0	2.35	3.13	0.29	0.39	48.0-49.0	3.82	810.34	0.48	101.67
2.0-3.0	3.90	7.03	0.49	0.88	49.0-50.0	3.20	813.54	0.40	102.08
3.0-4.0	5.44	12.46	0.68	1.56	50.0-51.0	2.87	816.42	0.36	102.44
4.0-5.0	6.95	19.42	0.87	2.44	51.0-52.0	2.71	819.13	0.34	102.78
5.0-6.0	8.44	27.85	1.06	3.49	52.0-53.0	2.59	821.72	0.33	103.10
6.0-7.0	9.90	37.75	1.24	4.74	53.0-54.0	2.49	824.20	0.31	103.41
7.0-8.0	11.32	49.07	1.42	6.16	54.0-55.0	2.39	826.59	0.30	103.71
8.0-9.0	12.70	61.77	1.59	7.75	55.0-56.0	2.29	828.88	0.29	104.00
9.0-10.0	14.04	75.81	1.76	9.51	56.0-57.0	2.20	831.07	0.28	104.28
10.0-11.0	15.32	91.12	1.92	11.43	57.0-58.0	2.12	833.19	0.27	104.54
11.0-12.0	16.54	107.66	2.08	13.51	58.0-59.0	2.04	835.23	0.26	104.80
12.0-13.0	17.70	125.36	2.22	15.73	59.0-60.0	1.97	837.21	0.25	105.04
13.0-14.0	18.79	144.16	2.36	18.09	60.0-61.0	1.90	839.11	0.24	105.28
14.0-15.0	19.81	163.97	2.49	20.57	61.0-62.0	1.82	840.93	0.23	105.51
15.0-16.0	20.77	184.74	2.61	23.18	62.0-63.0	1.76	842.69	0.22	105.73
16.0-17.0	21.65	206.39	2.72	25.90	63.0-64.0	1.70	844.39	0.21	105.95
17.0-18.0	22.43	228.82	2.81	28.71	64.0-65.0	1.64	846.03	0.21	106.15
18.0-19.0	23.11	251.93	2.90	31.61	65.0-66.0	1.58	847.61	0.20	106.35
19.0-20.0	23.66	275.59	2.97	34.58	66.0-67.0	1.52	849.14	0.19	106.54
20.0-21.0	24.08	299.67	3.02	37.60	67.0-68.0	1.46	850.60	0.18	106.73
21.0-22.0	24.37	324.04	3.06	40.66	68.0-69.0	1.41	852.01	0.18	106.90
22.0-23.0	24.52	348.56	3.08	43.73	69.0-70.0	1.36	853.37	0.17	107.07
23.0-24.0	24.61	373.17	3.09	46.82	70.0-71.0	1.31	854.68	0.16	107.24
24.0-25.0	24.68	397.85	3.10	49.92	71.0-72.0	1.26	855.95	0.16	107.40
25.0-26.0	24.66	422.51	3.09	53.01	72.0-73.0	1.21	857.16	0.15	107.55
26.0-27.0	24.56	447.07	3.08	56.09	73.0-74.0	1.15	858.31	0.14	107.69
27.0-28.0	24.44	471.51	3.07	59.16	74.0-75.0	1.10	859.40	0.14	107.83
28.0-29.0	24.28	495.80	3.05	62.21	75.0-76.0	1.05	860.45	0.13	107.96
29.0-30.0	23.96	519.76	3.01	65.21	76.0-77.0	1.00	861.45	0.12	108.09
30.0-31.0	23.55	543.31	2.95	68.17	77.0-78.0	0.94	862.39	0.12	108.20
31.0-32.0	23.19	566.50	2.91	71.08	78.0-79.0	0.88	863.27	0.11	108.32
32.0-33.0	22.80	589.30	2.86	73.94	79.0-80.0	0.83	864.10	0.10	108.42
33.0-34.0	22.27	611.57	2.79	76.73	80.0-81.0	0.78	864.88	0.10	108.52
34.0-35.0	21.70	633.27	2.72	79.46	81.0-82.0	0.73	865.61	0.09	108.61
35.0-36.0	21.10	654.38	2.65	82.10	82.0-83.0	0.68	866.28	0.08	108.69
36.0-37.0	20.33	674.70	2.55	84.66	83.0-84.0	0.64	866.92	0.08	108.77
37.0-38.0	19.29	694.00	2.42	87.08	84.0-85.0	0.60	867.52	0.08	108.85
38.0-39.0	18.05	712.05	2.26	89.34	85.0-86.0	0.57	868.09	0.07	108.92
39.0-40.0	16.68	728.72	2.09	91.43	86.0-87.0	0.53	868.62	0.07	108.99
40.0-41.0	15.18	743.90	1.90	93.34	87.0-88.0	0.50	869.11	0.06	109.05
41.0-42.0	13.59	757.49	1.71	95.04	88.0-89.0	0.46	869.57	0.06	109.11
42.0-43.0	11.95	769.45	1.50	96.54	89.0-90.0	0.42	869.99	0.05	109.16
43.0-44.0	10.33	779.77	1.30	97.84	90.0-91.0	0.40	870.39	0.05	109.21
44.0-45.0	8.76	788.54	1.10	98.94	91.0-92.0	0.39	870.78	0.05	109.26
45.0-46.0	7.29	795.83	0.91	99.85	92.0-93.0	0.38	871.17	0.05	109.31
46.0-47.0	5.94	801.77	0.75	100.60	93.0-94.0	0.37	871.54	0.05	109.35

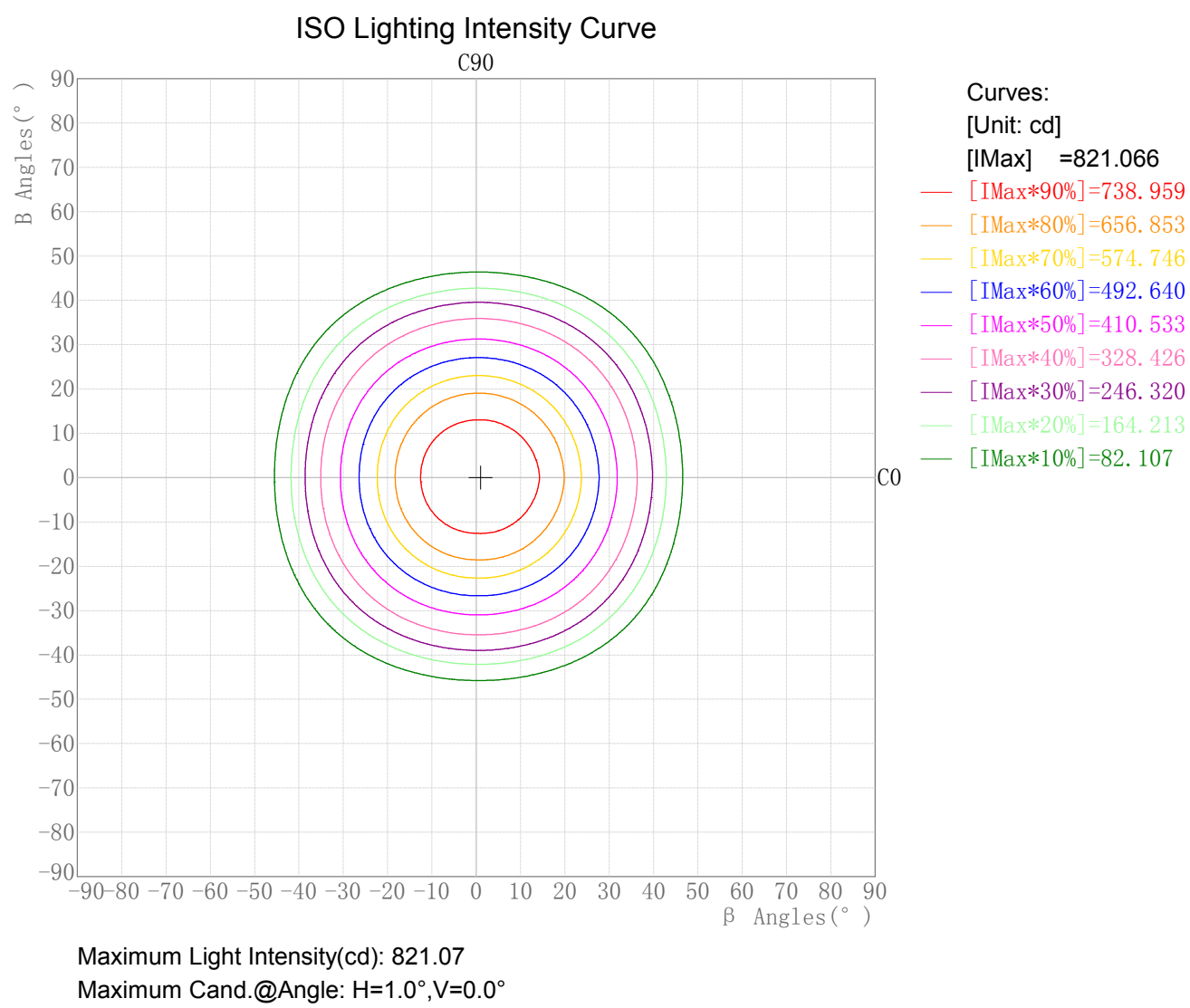
IES EQUIVALENT

Photometric Filename:KA9R60BN.IES

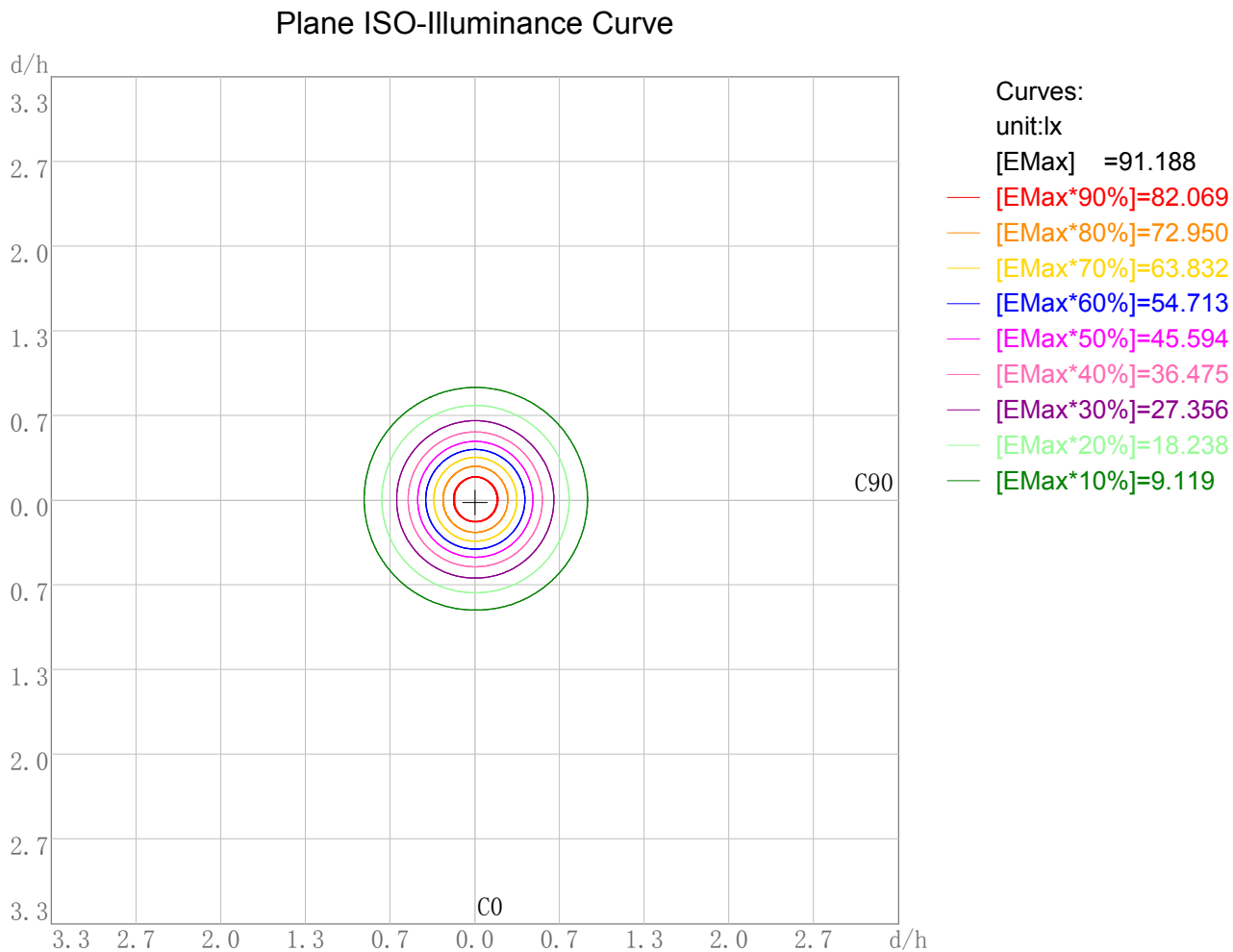
Zonal Flux Tabulation - (Cont.)

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. 36	871. 90	0. 05	109. 40	141. 0-142. 0	0. 31	886. 09	0. 04	111. 18
95. 0-96. 0	0. 36	872. 26	0. 04	109. 44	142. 0-143. 0	0. 31	886. 40	0. 04	111. 22
96. 0-97. 0	0. 35	872. 60	0. 04	109. 49	143. 0-144. 0	0. 31	886. 70	0. 04	111. 26
97. 0-98. 0	0. 34	872. 95	0. 04	109. 53	144. 0-145. 0	0. 30	887. 01	0. 04	111. 29
98. 0-99. 0	0. 33	873. 28	0. 04	109. 57	145. 0-146. 0	0. 30	887. 31	0. 04	111. 33
99. 0-100. 0	0. 33	873. 61	0. 04	109. 61	146. 0-147. 0	0. 30	887. 61	0. 04	111. 37
100. 0-101. 0	0. 32	873. 93	0. 04	109. 65	147. 0-148. 0	0. 29	887. 90	0. 04	111. 41
101. 0-102. 0	0. 32	874. 24	0. 04	109. 69	148. 0-149. 0	0. 29	888. 19	0. 04	111. 44
102. 0-103. 0	0. 31	874. 55	0. 04	109. 73	149. 0-150. 0	0. 29	888. 48	0. 04	111. 48
103. 0-104. 0	0. 31	874. 86	0. 04	109. 77	150. 0-151. 0	0. 28	888. 76	0. 04	111. 51
104. 0-105. 0	0. 30	875. 16	0. 04	109. 81	151. 0-152. 0	0. 28	889. 03	0. 03	111. 55
105. 0-106. 0	0. 30	875. 46	0. 04	109. 84	152. 0-153. 0	0. 27	889. 30	0. 03	111. 58
106. 0-107. 0	0. 29	875. 75	0. 04	109. 88	153. 0-154. 0	0. 27	889. 57	0. 03	111. 61
107. 0-108. 0	0. 29	876. 04	0. 04	109. 92	154. 0-155. 0	0. 26	889. 83	0. 03	111. 65
108. 0-109. 0	0. 29	876. 33	0. 04	109. 95	155. 0-156. 0	0. 25	890. 08	0. 03	111. 68
109. 0-110. 0	0. 29	876. 62	0. 04	109. 99	156. 0-157. 0	0. 25	890. 33	0. 03	111. 71
110. 0-111. 0	0. 29	876. 90	0. 04	110. 03	157. 0-158. 0	0. 24	890. 57	0. 03	111. 74
111. 0-112. 0	0. 28	877. 19	0. 04	110. 06	158. 0-159. 0	0. 23	890. 80	0. 03	111. 77
112. 0-113. 0	0. 28	877. 47	0. 04	110. 10	159. 0-160. 0	0. 23	891. 03	0. 03	111. 80
113. 0-114. 0	0. 28	877. 75	0. 04	110. 13	160. 0-161. 0	0. 22	891. 24	0. 03	111. 82
114. 0-115. 0	0. 28	878. 04	0. 04	110. 17	161. 0-162. 0	0. 21	891. 45	0. 03	111. 85
115. 0-116. 0	0. 28	878. 32	0. 04	110. 20	162. 0-163. 0	0. 20	891. 65	0. 03	111. 88
116. 0-117. 0	0. 28	878. 60	0. 04	110. 24	163. 0-164. 0	0. 19	891. 85	0. 02	111. 90
117. 0-118. 0	0. 28	878. 89	0. 04	110. 27	164. 0-165. 0	0. 18	892. 03	0. 02	111. 92
118. 0-119. 0	0. 28	879. 17	0. 04	110. 31	165. 0-166. 0	0. 17	892. 20	0. 02	111. 95
119. 0-120. 0	0. 28	879. 46	0. 04	110. 35	166. 0-167. 0	0. 16	892. 37	0. 02	111. 97
120. 0-121. 0	0. 29	879. 74	0. 04	110. 38	167. 0-168. 0	0. 15	892. 52	0. 02	111. 98
121. 0-122. 0	0. 29	880. 03	0. 04	110. 42	168. 0-169. 0	0. 14	892. 66	0. 02	112. 00
122. 0-123. 0	0. 29	880. 32	0. 04	110. 45	169. 0-170. 0	0. 13	892. 79	0. 02	112. 02
123. 0-124. 0	0. 29	880. 61	0. 04	110. 49	170. 0-171. 0	0. 12	892. 91	0. 02	112. 03
124. 0-125. 0	0. 29	880. 90	0. 04	110. 53	171. 0-172. 0	0. 11	893. 02	0. 01	112. 05
125. 0-126. 0	0. 29	881. 20	0. 04	110. 56	172. 0-173. 0	0. 10	893. 12	0. 01	112. 06
126. 0-127. 0	0. 30	881. 49	0. 04	110. 60	173. 0-174. 0	0. 08	893. 20	0. 01	112. 07
127. 0-128. 0	0. 30	881. 79	0. 04	110. 64	174. 0-175. 0	0. 07	893. 27	0. 01	112. 08
128. 0-129. 0	0. 30	882. 09	0. 04	110. 68	175. 0-176. 0	0. 06	893. 33	0. 01	112. 09
129. 0-130. 0	0. 30	882. 39	0. 04	110. 71	176. 0-177. 0	0. 05	893. 38	0. 01	112. 09
130. 0-131. 0	0. 30	882. 69	0. 04	110. 75	177. 0-178. 0	0. 03	893. 41	0. 00	112. 10
131. 0-132. 0	0. 30	883. 00	0. 04	110. 79	178. 0-179. 0	0. 02	893. 43	0. 00	112. 10
132. 0-133. 0	0. 31	883. 30	0. 04	110. 83	179. 0-180. 0	0. 01	893. 44	0. 00	112. 10
133. 0-134. 0	0. 31	883. 61	0. 04	110. 87					
134. 0-135. 0	0. 31	883. 92	0. 04	110. 91					
135. 0-136. 0	0. 31	884. 23	0. 04	110. 94					
136. 0-137. 0	0. 31	884. 54	0. 04	110. 98					
137. 0-138. 0	0. 31	884. 85	0. 04	111. 02					
138. 0-139. 0	0. 31	885. 16	0. 04	111. 06					
139. 0-140. 0	0. 31	885. 47	0. 04	111. 10					
140. 0-141. 0	0. 31	885. 78	0. 04	111. 14					

Rectangle ISO Lighting Intensity Diagram



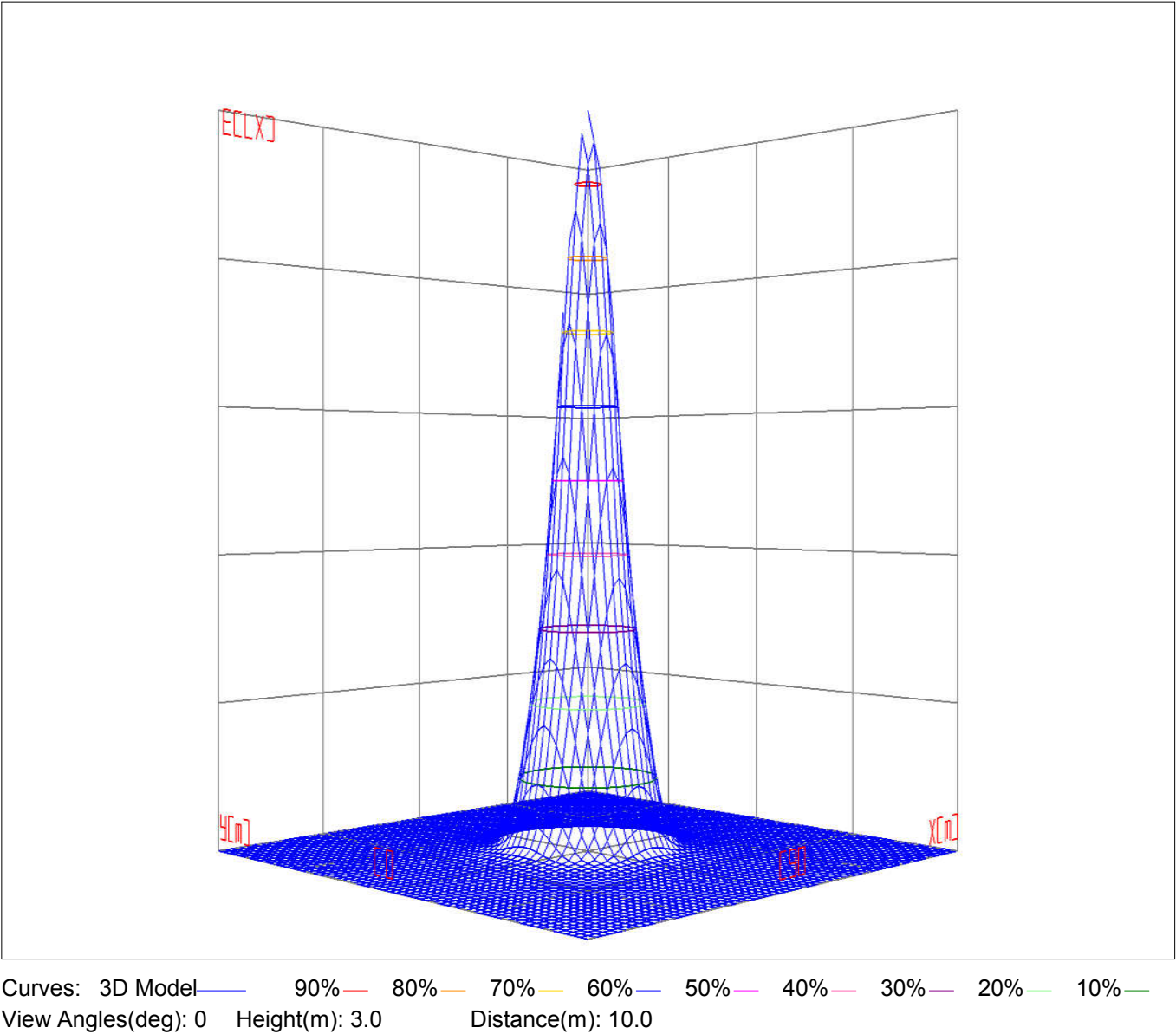
Plane ISO-Illuminance Diagram



Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 91.19  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

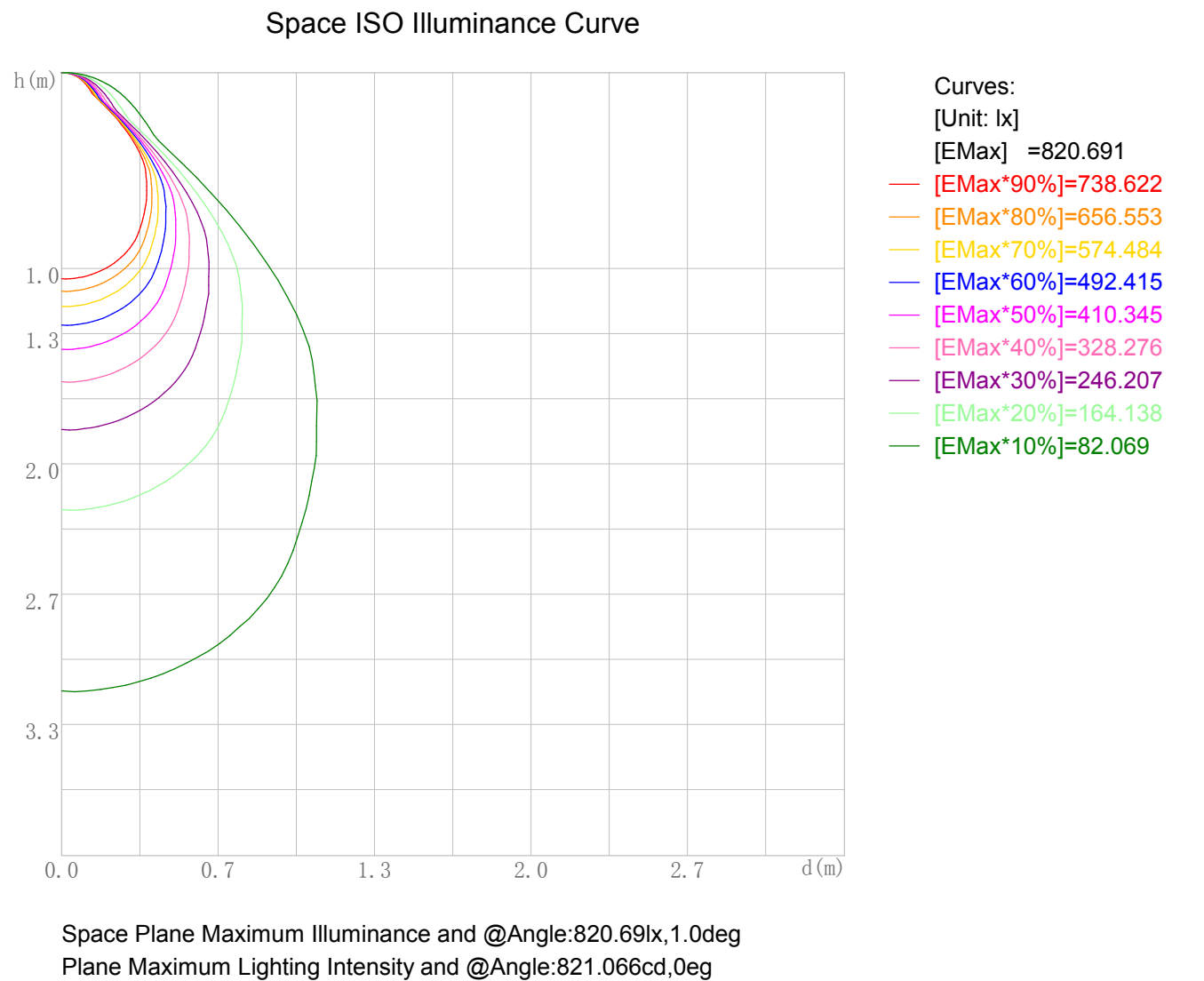
3D Plane ISO Illuminance Diagram

3D Plane Illuminance Modal

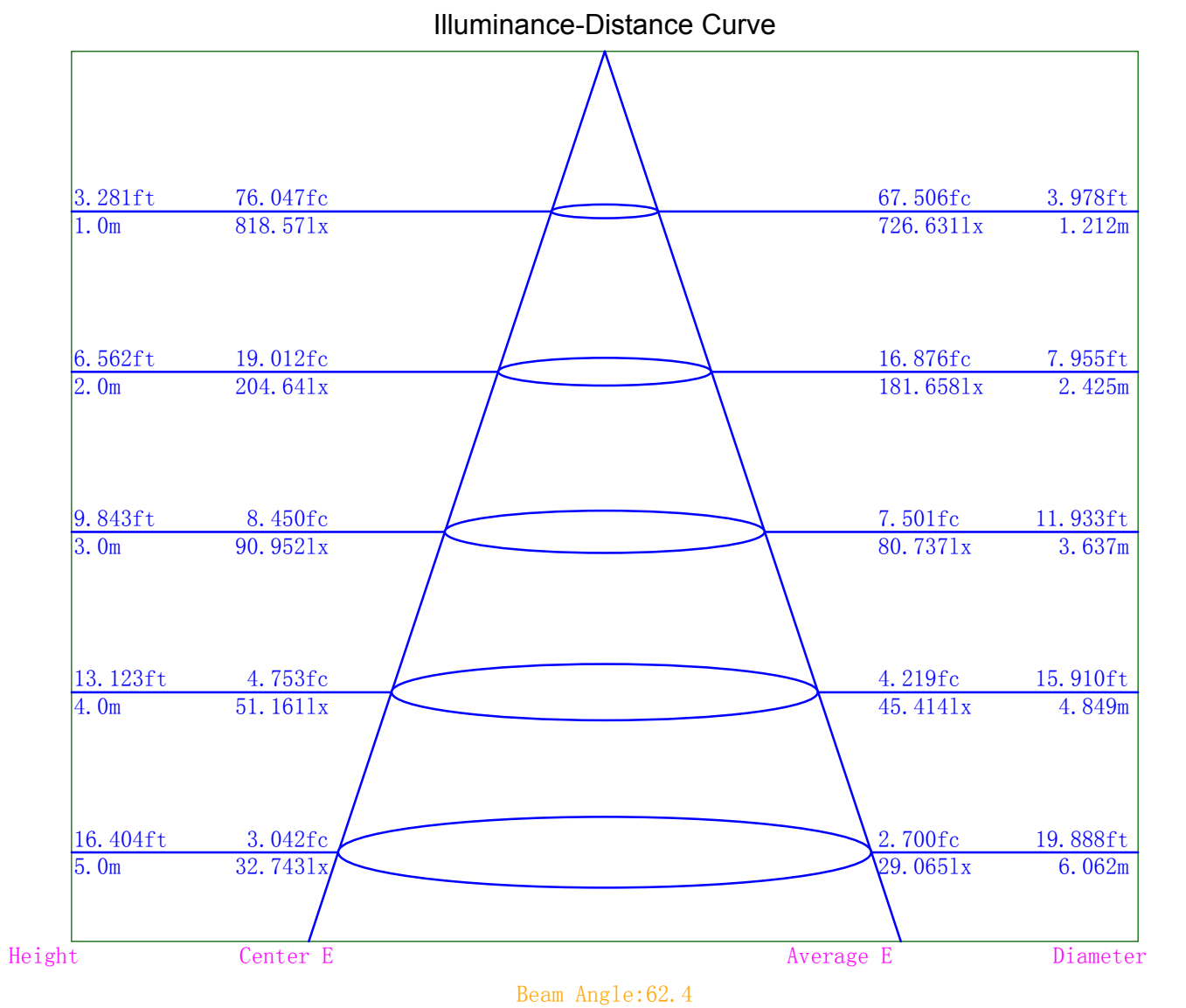




Space ISO Illuminance Diagram



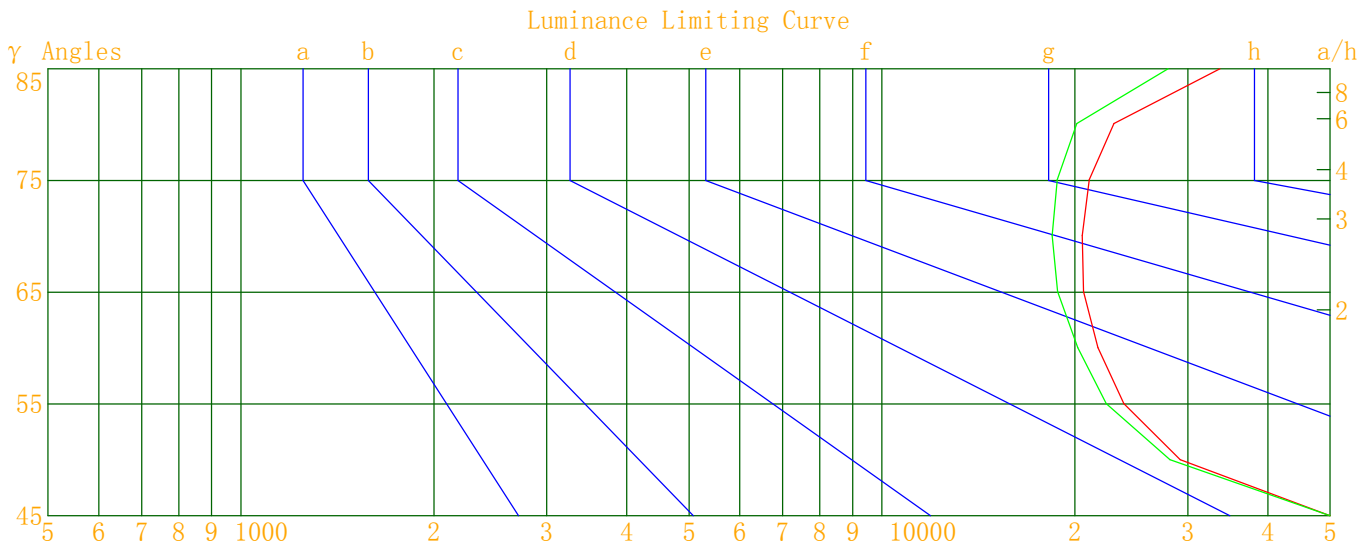
Illuminance-Distance Diagram



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	81874	29195	23850	21713	20638	20542	21071	23003	33676
C90	79538	28135	22394	20204	18790	18436	18769	20134	27944

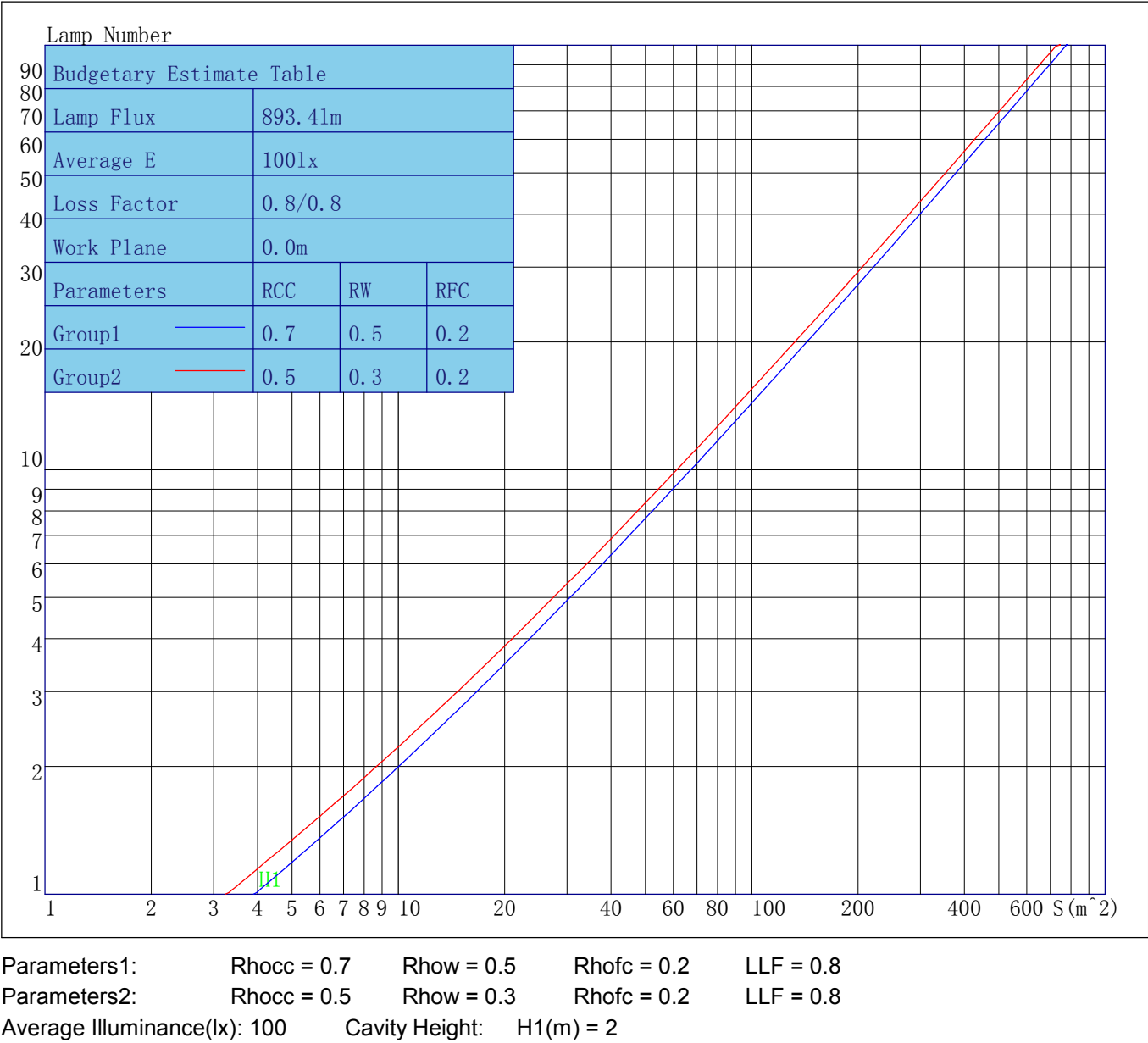


Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

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	133	133	133	133	129	129	129	129	123	123	123	117	117	117	112	112	112	109
1	125	122	119	116	122	119	116	114	114	112	110	109	107	106	105	103	102	100
2	118	112	107	102	115	110	105	101	106	102	98	102	99	96	98	96	93	91
3	111	103	97	92	109	101	96	91	98	93	89	95	91	87	92	88	86	84
4	105	95	88	83	103	94	87	82	91	86	81	88	84	80	86	82	79	77
5	99	89	81	76	97	87	80	75	85	79	74	83	77	73	80	76	73	71
6	93	82	75	70	91	81	74	69	79	73	69	77	72	68	75	71	67	65
7	88	77	69	64	86	76	69	64	74	68	63	72	67	63	71	66	62	61
8	84	72	65	59	82	71	64	59	70	63	59	68	62	58	67	62	58	56
9	79	67	60	55	78	67	60	55	65	59	55	64	58	54	63	58	54	52
10	75	63	56	52	74	63	56	51	62	55	51	60	55	51	59	54	51	49

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	23.4	24.6	23.8	25.0	25.4	23.2	24.5	23.7	24.8	25.2
	Y=3H	23.5	24.6	24.0	25.0	25.5	23.3	24.4	23.8	24.8	25.3
	Y=4H	23.6	24.7	24.1	25.1	25.6	23.4	24.5	23.9	24.9	25.3
	Y=6H	23.8	24.8	24.2	25.2	25.6	23.5	24.5	24.0	24.9	25.4
	Y=8H	23.9	24.8	24.3	25.2	25.7	23.6	24.5	24.0	25.0	25.4
	Y=12H	24.0	24.9	24.4	25.3	25.8	23.6	24.5	24.1	25.0	25.5
X=4H	Y=2H	23.3	24.3	23.7	24.7	25.2	23.1	24.1	23.5	24.5	25.0
	Y=3H	23.5	24.4	24.0	24.9	25.3	23.3	24.2	23.8	24.7	25.1
	Y=4H	23.7	24.5	24.2	25.0	25.5	23.5	24.3	23.9	24.8	25.3
	Y=6H	24.0	24.7	24.5	25.2	25.7	23.7	24.4	24.2	24.9	25.4
	Y=8H	24.1	24.8	24.6	25.3	25.9	23.8	24.5	24.3	25.0	25.5
	Y=12H	24.3	25.0	24.8	25.5	26.0	23.9	24.6	24.5	25.1	25.6
X=8H	Y=4H	23.7	24.4	24.2	24.9	25.4	23.5	24.2	24.0	24.7	25.2
	Y=6H	24.1	24.7	24.6	25.2	25.9	23.8	24.4	24.3	24.9	25.6
	Y=8H	24.3	24.9	24.8	25.4	26.0	24.0	24.5	24.5	25.1	25.6
	Y=12H	24.6	25.2	25.2	25.7	26.3	24.2	24.8	24.8	25.3	25.9
X=12H	Y=4H	23.7	24.3	24.2	24.9	25.4	23.4	24.1	24.0	24.6	25.1
	Y=6H	24.1	24.7	24.6	25.2	25.8	23.8	24.4	24.3	24.9	25.5
	Y=8H	24.4	24.9	24.9	25.4	26.1	24.0	24.6	24.6	25.1	25.7
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/−0.5					0.5/−0.6				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		1.2					1.1				

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

IES EQUIVALENT

Photometric Filename:KA9R60BN.IES

---

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	818.57	818.57	818.57	818.57
γ 1.0	821.07	815.57	818.95	815.41
γ 2.0	820.46	814.73	817.09	814.20
γ 3.0	817.98	812.46	813.14	811.28
γ 4.0	815.79	808.55	809.12	808.23
γ 5.0	812.59	802.90	802.48	803.40
γ 6.0	807.64	798.50	797.55	797.96
γ 7.0	803.22	793.48	790.65	790.39
γ 8.0	797.47	786.91	782.31	782.41
γ 9.0	789.74	779.58	774.30	774.17
γ 10.0	781.89	771.52	766.09	766.41
γ 11.0	773.24	761.64	754.91	756.29
γ 12.0	764.66	750.14	745.72	745.52
γ 13.0	754.07	739.06	733.16	733.60
γ 14.0	742.56	727.86	721.33	721.07
γ 15.0	729.63	714.94	707.62	707.85
γ 16.0	718.07	702.47	694.01	694.42
γ 17.0	703.71	689.12	678.91	680.24
γ 18.0	688.91	673.91	662.02	665.78
γ 19.0	672.27	657.77	643.74	649.36
γ 20.0	654.44	639.08	624.54	630.27
γ 21.0	634.24	619.58	603.54	610.48
γ 22.0	613.13	598.28	581.77	588.95
γ 23.0	590.73	575.17	559.03	567.29
γ 24.0	569.13	553.63	541.22	546.67
γ 25.0	548.80	533.79	522.21	526.11
γ 26.0	528.03	514.20	500.72	505.20
γ 27.0	506.13	493.86	480.95	485.67
γ 28.0	487.51	474.70	464.36	468.49
γ 29.0	468.79	455.52	444.24	449.27
γ 30.0	446.70	434.79	422.48	427.76
γ 31.0	425.11	415.16	403.59	409.62
γ 32.0	407.20	397.80	386.56	393.27
γ 33.0	390.08	380.05	366.30	374.35
γ 34.0	369.57	360.85	347.36	355.24
γ 35.0	351.53	343.33	329.89	337.41
γ 36.0	334.70	326.77	309.74	317.67
γ 37.0	315.18	307.15	286.55	295.26
γ 38.0	290.46	284.55	261.83	270.86
γ 39.0	266.63	260.13	235.39	245.54
γ 40.0	240.11	235.55	209.81	219.46
γ 41.0	214.03	209.66	183.20	193.29
γ 42.0	187.30	183.21	158.31	167.29
γ 43.0	161.22	157.73	133.78	141.88
γ 44.0	136.88	133.21	111.25	118.40
γ 45.0	113.67	110.43	91.23	97.07
γ 46.0	92.85	89.70	73.18	77.58

IES EQUIVALENT

Photometric Filename:KA9R60BN.IES

---

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	74.22	70.27	58.17	61.54
γ 48.0	57.36	54.53	45.67	48.66
γ 49.0	44.97	42.50	38.00	40.30
γ 50.0	36.85	35.51	33.47	35.74
γ 51.0	33.52	31.62	31.50	33.40
γ 52.0	31.44	29.64	29.78	31.54
γ 53.0	29.76	28.00	28.32	29.71
γ 54.0	28.32	26.64	26.84	28.13
γ 55.0	26.86	25.22	25.39	26.48
γ 56.0	25.44	23.91	24.01	25.14
γ 57.0	24.25	22.66	22.83	23.93
γ 58.0	23.21	21.63	21.78	22.85
γ 59.0	22.20	20.67	20.76	21.76
γ 60.0	21.32	19.83	19.70	20.81
γ 61.0	20.33	18.75	18.69	19.77
γ 62.0	19.36	17.85	17.86	18.85
γ 63.0	18.55	16.98	17.03	18.09
γ 64.0	17.86	16.27	16.31	17.27
γ 65.0	17.13	15.59	15.61	16.53
γ 66.0	16.44	14.98	14.90	15.78
γ 67.0	15.67	14.26	14.18	15.08
γ 68.0	14.95	13.56	13.51	14.40
γ 69.0	14.34	12.97	12.98	13.78
γ 70.0	13.80	12.38	12.47	13.28
γ 71.0	13.18	11.87	11.92	12.71
γ 72.0	12.61	11.35	11.47	12.16
γ 73.0	11.86	10.76	10.77	11.54
γ 74.0	11.27	10.13	10.22	11.00
γ 75.0	10.71	9.54	9.74	10.50
γ 76.0	10.14	9.02	9.29	10.05
γ 77.0	9.52	8.46	8.70	9.49
γ 78.0	8.90	7.97	8.22	8.92
γ 79.0	8.34	7.37	7.74	8.39
γ 80.0	7.84	6.86	7.21	7.91
γ 81.0	7.33	6.40	6.72	7.32
γ 82.0	6.81	5.95	6.19	6.81
γ 83.0	6.39	5.50	5.76	6.37
γ 84.0	6.05	5.09	5.46	6.04
γ 85.0	5.76	4.78	5.18	5.72
γ 86.0	5.28	4.51	4.93	5.29
γ 87.0	4.92	4.21	4.64	4.97
γ 88.0	4.65	3.93	4.30	4.66
γ 89.0	4.30	3.59	3.67	4.28
γ 90.0	4.00	3.31	3.46	4.05
γ 91.0	3.88	3.23	3.38	3.94
γ 92.0	3.78	3.15	3.30	3.85
γ 93.0	3.69	3.09	3.22	3.76



IES EQUIVALENT

Photometric Filename:KA9R60BN.IES

---

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	3.61	3.01	3.16	3.67
γ 95.0	3.53	2.96	3.10	3.59
γ 96.0	3.45	2.89	3.04	3.51
γ 97.0	3.38	2.84	2.98	3.44
γ 98.0	3.31	2.80	2.93	3.38
γ 99.0	3.24	2.74	2.89	3.32
γ 100.0	3.19	2.70	2.84	3.27
γ 101.0	3.13	2.66	2.81	3.22
γ 102.0	3.09	2.62	2.78	3.17
γ 103.0	3.04	2.59	2.76	3.13
γ 104.0	3.00	2.57	2.74	3.10
γ 105.0	2.97	2.55	2.71	3.07
γ 106.0	2.94	2.53	2.71	3.05
γ 107.0	2.92	2.51	2.71	3.02
γ 108.0	2.90	2.52	2.70	3.02
γ 109.0	2.89	2.51	2.71	3.01
γ 110.0	2.89	2.51	2.71	3.00
γ 111.0	2.87	2.52	2.72	3.01
γ 112.0	2.87	2.53	2.74	3.02
γ 113.0	2.88	2.54	2.76	3.02
γ 114.0	2.89	2.57	2.79	3.04
γ 115.0	2.91	2.59	2.82	3.05
γ 116.0	2.92	2.62	2.86	3.08
γ 117.0	2.94	2.65	2.89	3.10
γ 118.0	2.98	2.68	2.93	3.14
γ 119.0	3.00	2.72	2.97	3.17
γ 120.0	3.03	2.76	3.02	3.21
γ 121.0	3.07	2.81	3.07	3.25
γ 122.0	3.12	2.87	3.13	3.29
γ 123.0	3.16	2.91	3.19	3.34
γ 124.0	3.21	2.96	3.25	3.40
γ 125.0	3.27	3.03	3.32	3.45
γ 126.0	3.32	3.08	3.38	3.51
γ 127.0	3.39	3.16	3.45	3.57
γ 128.0	3.44	3.23	3.53	3.63
γ 129.0	3.50	3.29	3.60	3.69
γ 130.0	3.58	3.37	3.69	3.77
γ 131.0	3.65	3.44	3.76	3.84
γ 132.0	3.73	3.52	3.84	3.90
γ 133.0	3.79	3.60	3.93	3.99
γ 134.0	3.87	3.67	4.02	4.05
γ 135.0	3.95	3.75	4.09	4.14
γ 136.0	4.03	3.85	4.18	4.21
γ 137.0	4.10	3.93	4.28	4.30
γ 138.0	4.19	4.01	4.37	4.38
γ 139.0	4.27	4.10	4.45	4.46
γ 140.0	4.36	4.19	4.55	4.53

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	4.44	4.27	4.63	4.62
γ 142.0	4.52	4.35	4.71	4.69
γ 143.0	4.59	4.44	4.80	4.77
γ 144.0	4.68	4.52	4.88	4.84
γ 145.0	4.76	4.60	4.95	4.91
γ 146.0	4.83	4.67	5.03	4.99
γ 147.0	4.90	4.76	5.11	5.06
γ 148.0	4.98	4.83	5.16	5.12
γ 149.0	5.04	4.91	5.24	5.18
γ 150.0	5.11	4.98	5.31	5.25
γ 151.0	5.18	5.05	5.39	5.33
γ 152.0	5.26	5.13	5.46	5.39
γ 153.0	5.33	5.20	5.53	5.46
γ 154.0	5.40	5.28	5.62	5.54
γ 155.0	5.48	5.35	5.70	5.61
γ 156.0	5.56	5.43	5.77	5.68
γ 157.0	5.64	5.51	5.85	5.75
γ 158.0	5.72	5.58	5.92	5.82
γ 159.0	5.80	5.67	5.99	5.90
γ 160.0	5.87	5.73	6.06	5.96
γ 161.0	5.95	5.80	6.14	6.04
γ 162.0	6.03	5.89	6.21	6.09
γ 163.0	6.11	5.96	6.28	6.17
γ 164.0	6.18	6.04	6.34	6.23
γ 165.0	6.25	6.11	6.41	6.29
γ 166.0	6.34	6.19	6.48	6.36
γ 167.0	6.41	6.25	6.54	6.43
γ 168.0	6.48	6.32	6.61	6.49
γ 169.0	6.55	6.40	6.65	6.54
γ 170.0	6.62	6.47	6.72	6.60
γ 171.0	6.68	6.53	6.77	6.66
γ 172.0	6.74	6.60	6.82	6.70
γ 173.0	6.80	6.65	6.89	6.75
γ 174.0	6.86	6.71	6.92	6.80
γ 175.0	6.90	6.76	6.96	6.83
γ 176.0	6.94	6.79	7.00	6.87
γ 177.0	6.97	6.84	7.02	6.90
γ 178.0	7.00	6.87	7.05	6.92
γ 179.0	7.02	6.89	7.07	6.94
γ 180.0	7.00	7.00	7.00	7.00