

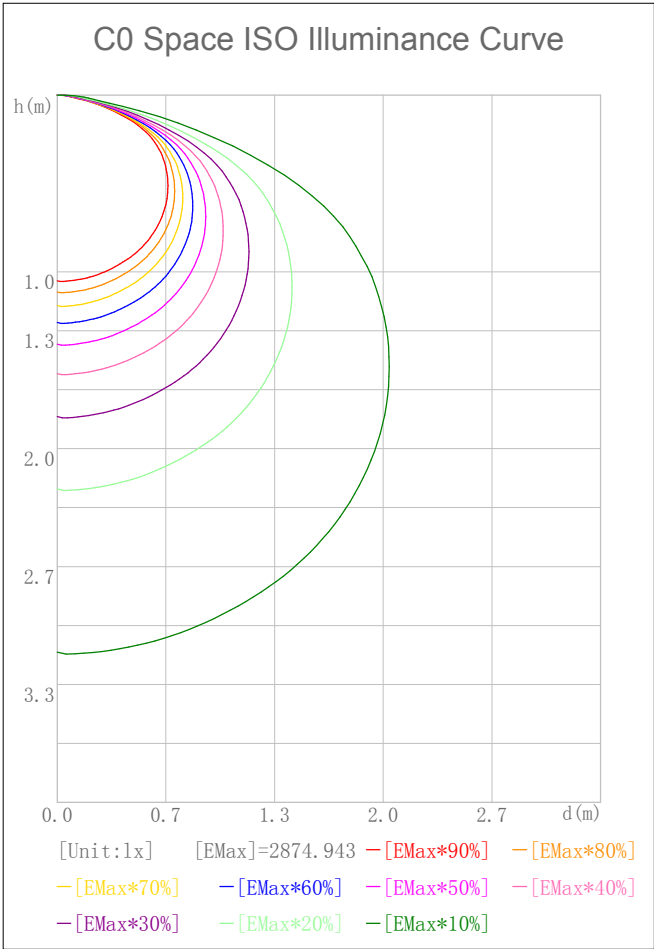
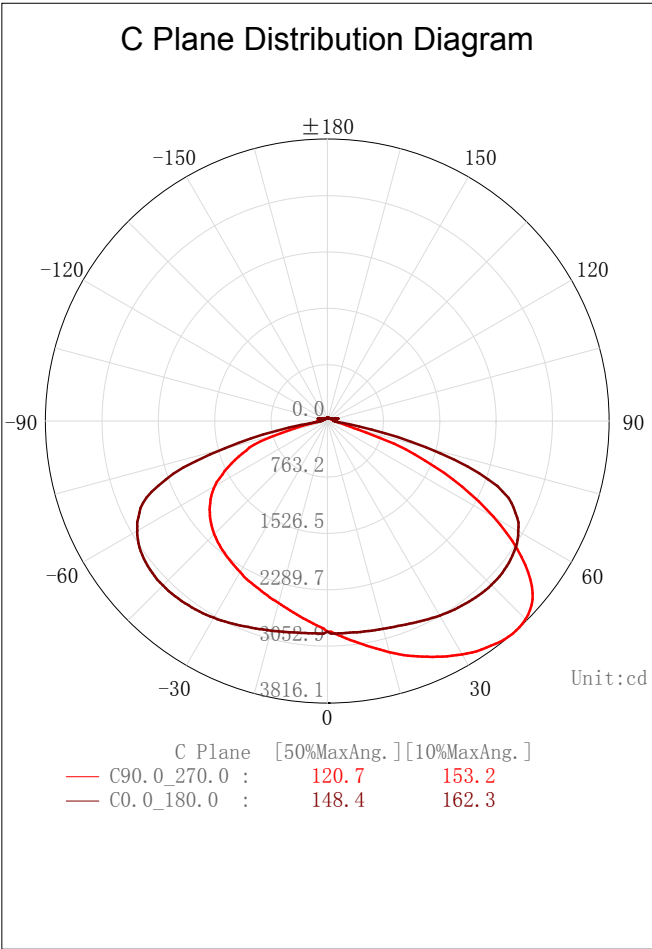
Indoor Luminaire Photometric Data

Description Information

Luminary Name: LN90HE1H-CM-T4		Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:		Lamp Catalog: SMD2835	Test Date: 2021/11/04
Manufacture:		Shld.Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency(Hz):	Lamp CCT(K): Ra:
Lum.Size(W*L*H):0.420m*0.420m*0.475m		Lum.Area(m2):0.376	Lum.W(kg): 0.000
Test System: C, γ	Test Step: C=45.0 γ=1.0	Temp.(°C): 25	Humidity(%): 50.0

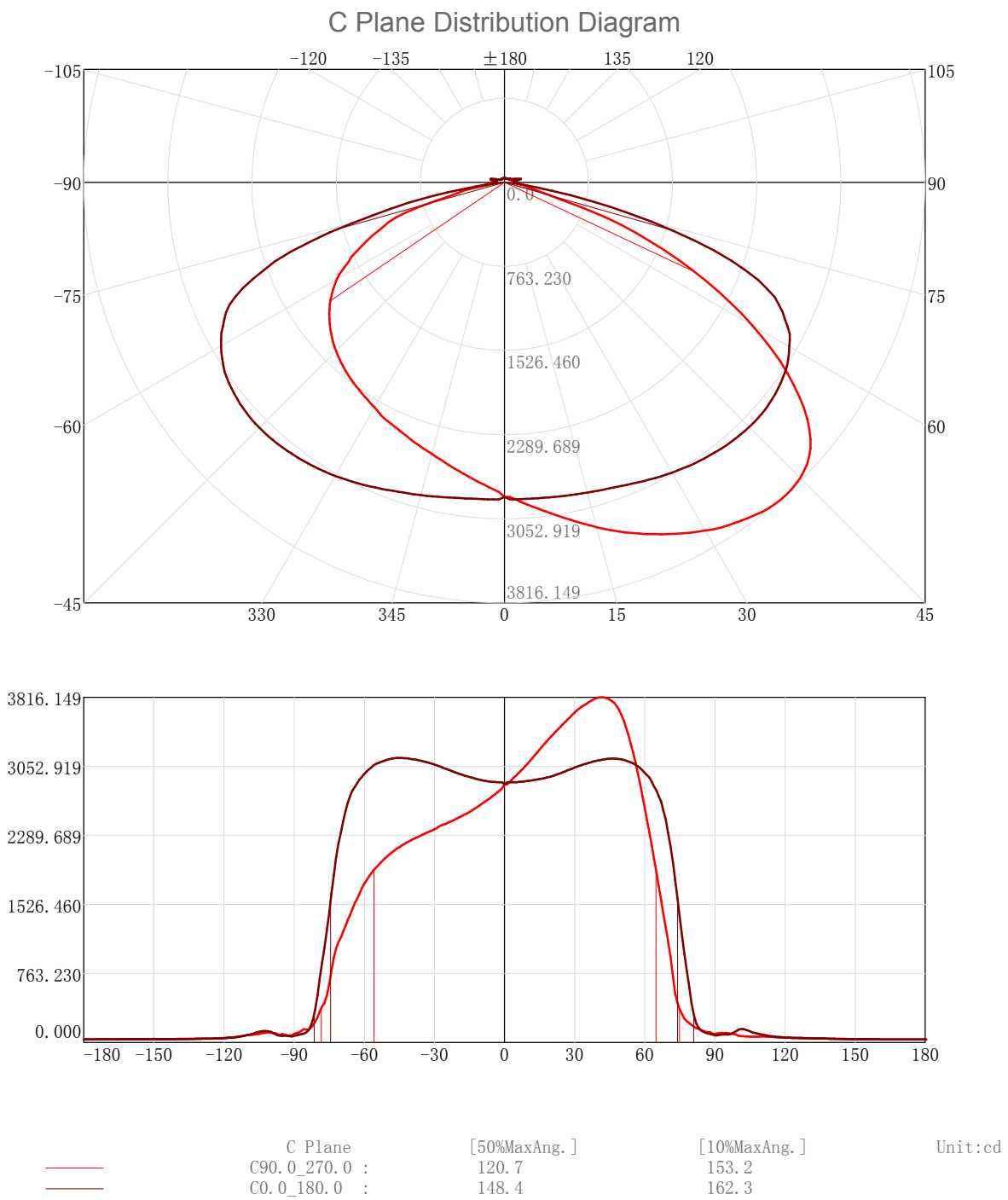
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm):	13400.000	Luminary Flux(lm):	13352.954
Rated Power(W):		Luminary Efficiency:	99.65%
Rated Voltage(V):		Luminary EER(lm/W):	148.119
Tested Power(W):	90.150	Max.Candela(cd):	3816.149
Lamps' Inside:	1	Max Cand@Ang.(°):	C=90.0 γ=41.0
Tested Electrics(V, A, pf):	225.7, 0.406, 0.982	Beam Angle(50%Imax):	120.7(°)
Lamp Size(W*L*H):0.420m*0.420m*0.475m		Left=-55.8°, Right=64.8°	IRF(%): 81.839



2D Plane Light Intensity Distribution Curve

Lum. Name:LN90HE1H-CM-T4	Lum. Catelog:LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog:SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2021/11/04



IES Indoor Report

Photometric Filename:LN90HE1H-CM-T4.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	2.73	2.73	0.02	0.02	47.0-48.0	246.42	6263.60	1.84	46.74
1.0-2.0	8.17	10.90	0.06	0.08	48.0-49.0	249.35	6512.95	1.86	48.60
2.0-3.0	13.63	24.53	0.10	0.18	49.0-50.0	251.96	6764.91	1.88	50.48
3.0-4.0	19.09	43.62	0.14	0.33	50.0-51.0	254.19	7019.10	1.90	52.38
4.0-5.0	24.55	68.16	0.18	0.51	51.0-52.0	256.03	7275.13	1.91	54.29
5.0-6.0	30.01	98.18	0.22	0.73	52.0-53.0	257.46	7532.60	1.92	56.21
6.0-7.0	35.48	133.66	0.26	1.00	53.0-54.0	258.48	7791.08	1.93	58.14
7.0-8.0	40.96	174.62	0.31	1.30	54.0-55.0	259.09	8050.17	1.93	60.08
8.0-9.0	46.44	221.06	0.35	1.65	55.0-56.0	259.27	8309.44	1.93	62.01
9.0-10.0	51.94	273.00	0.39	2.04	56.0-57.0	258.96	8568.40	1.93	63.94
10.0-11.0	57.45	330.45	0.43	2.47	57.0-58.0	258.09	8826.49	1.93	65.87
11.0-12.0	62.97	393.42	0.47	2.94	58.0-59.0	256.70	9083.18	1.92	67.78
12.0-13.0	68.50	461.92	0.51	3.45	59.0-60.0	254.74	9337.92	1.90	69.69
13.0-14.0	74.04	535.96	0.55	4.00	60.0-61.0	252.23	9590.15	1.88	71.57
14.0-15.0	79.60	615.56	0.59	4.59	61.0-62.0	249.02	9839.17	1.86	73.43
15.0-16.0	85.17	700.73	0.64	5.23	62.0-63.0	244.80	10083.98	1.83	75.25
16.0-17.0	90.74	791.47	0.68	5.91	63.0-64.0	239.78	10323.76	1.79	77.04
17.0-18.0	96.32	887.79	0.72	6.63	64.0-65.0	234.20	10557.96	1.75	78.79
18.0-19.0	101.91	989.70	0.76	7.39	65.0-66.0	227.92	10785.88	1.70	80.49
19.0-20.0	107.49	1097.19	0.80	8.19	66.0-67.0	220.84	11006.72	1.65	82.14
20.0-21.0	113.08	1210.26	0.84	9.03	67.0-68.0	212.50	11219.22	1.59	83.73
21.0-22.0	118.67	1328.93	0.89	9.92	68.0-69.0	202.90	11422.11	1.51	85.24
22.0-23.0	124.26	1453.19	0.93	10.84	69.0-70.0	192.46	11614.58	1.44	86.68
23.0-24.0	129.84	1583.03	0.97	11.81	70.0-71.0	180.98	11795.55	1.35	88.03
24.0-25.0	135.43	1718.46	1.01	12.82	71.0-72.0	167.60	11963.15	1.25	89.28
25.0-26.0	141.00	1859.45	1.05	13.88	72.0-73.0	152.21	12115.37	1.14	90.41
26.0-27.0	146.55	2006.01	1.09	14.97	73.0-74.0	136.05	12251.42	1.02	91.43
27.0-28.0	152.07	2158.08	1.13	16.11	74.0-75.0	119.78	12371.20	0.89	92.32
28.0-29.0	157.54	2315.62	1.18	17.28	75.0-76.0	103.37	12474.57	0.77	93.09
29.0-30.0	162.97	2478.59	1.22	18.50	76.0-77.0	87.37	12561.94	0.65	93.75
30.0-31.0	168.38	2646.97	1.26	19.75	77.0-78.0	72.29	12634.23	0.54	94.29
31.0-32.0	173.74	2820.71	1.30	21.05	78.0-79.0	58.06	12692.29	0.43	94.72
32.0-33.0	179.05	2999.76	1.34	22.39	79.0-80.0	45.34	12737.63	0.34	95.06
33.0-34.0	184.28	3184.04	1.38	23.76	80.0-81.0	35.16	12772.79	0.26	95.32
34.0-35.0	189.46	3373.50	1.41	25.18	81.0-82.0	27.74	12800.53	0.21	95.53
35.0-36.0	194.58	3568.07	1.45	26.63	82.0-83.0	22.53	12823.05	0.17	95.69
36.0-37.0	199.64	3767.72	1.49	28.12	83.0-84.0	18.84	12841.89	0.14	95.83
37.0-38.0	204.64	3972.36	1.53	29.64	84.0-85.0	16.36	12858.25	0.12	95.96
38.0-39.0	209.55	4181.91	1.56	31.21	85.0-86.0	14.80	12873.05	0.11	96.07
39.0-40.0	214.33	4396.24	1.60	32.81	86.0-87.0	13.72	12886.77	0.10	96.17
40.0-41.0	218.98	4615.23	1.63	34.44	87.0-88.0	12.81	12899.58	0.10	96.27
41.0-42.0	223.47	4838.70	1.67	36.11	88.0-89.0	11.91	12911.49	0.09	96.35
42.0-43.0	227.80	5066.50	1.70	37.81	89.0-90.0	10.98	12922.48	0.08	96.44
43.0-44.0	231.95	5298.45	1.73	39.54	90.0-91.0	10.37	12932.85	0.08	96.51
44.0-45.0	235.90	5534.36	1.76	41.30	91.0-92.0	10.34	12943.19	0.08	96.59
45.0-46.0	239.65	5774.01	1.79	43.09	92.0-93.0	10.72	12953.90	0.08	96.67
46.0-47.0	243.17	6017.18	1.81	44.90	93.0-94.0	11.04	12964.94	0.08	96.75

IES Indoor Report

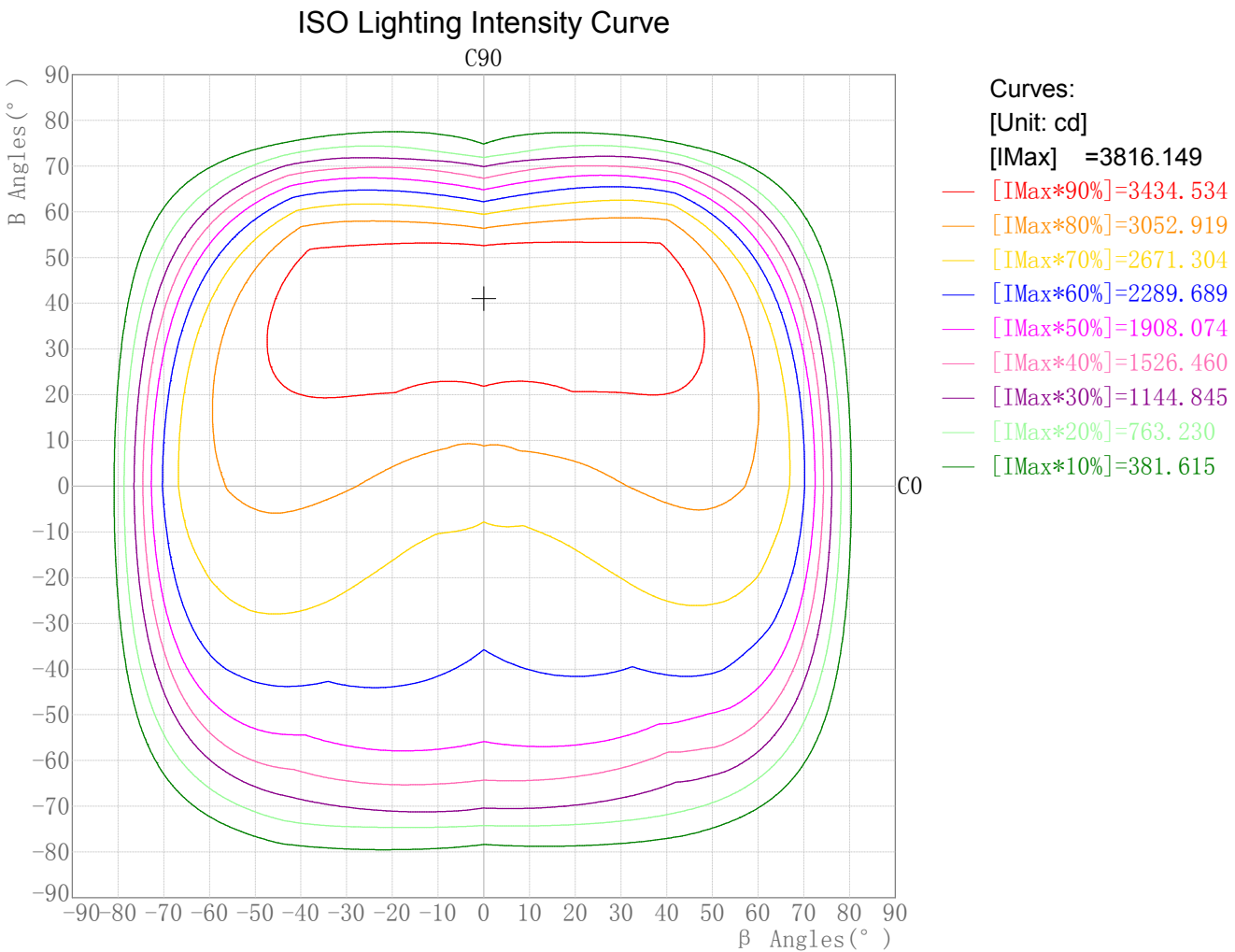
Photometric Filename:LN90HE1H-CM-T4.IES

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	11. 22	12976. 16	0. 08	96. 84	141. 0-142. 0	2. 83	13301. 45	0. 02	99. 26
95. 0-96. 0	11. 38	12987. 54	0. 08	96. 92	142. 0-143. 0	2. 74	13304. 19	0. 02	99. 29
96. 0-97. 0	11. 60	12999. 14	0. 09	97. 01	143. 0-144. 0	2. 65	13306. 84	0. 02	99. 30
97. 0-98. 0	11. 97	13011. 10	0. 09	97. 10	144. 0-145. 0	2. 57	13309. 41	0. 02	99. 32
98. 0-99. 0	12. 40	13023. 50	0. 09	97. 19	145. 0-146. 0	2. 48	13311. 90	0. 02	99. 34
99. 0-100. 0	12. 76	13036. 26	0. 10	97. 29	146. 0-147. 0	2. 40	13314. 30	0. 02	99. 36
100. 0-101. 0	13. 04	13049. 30	0. 10	97. 38	147. 0-148. 0	2. 33	13316. 63	0. 02	99. 38
101. 0-102. 0	13. 21	13062. 52	0. 10	97. 48	148. 0-149. 0	2. 25	13318. 88	0. 02	99. 39
102. 0-103. 0	13. 13	13075. 65	0. 10	97. 58	149. 0-150. 0	2. 18	13321. 06	0. 02	99. 41
103. 0-104. 0	12. 72	13088. 37	0. 09	97. 67	150. 0-151. 0	2. 10	13323. 16	0. 02	99. 43
104. 0-105. 0	12. 07	13100. 44	0. 09	97. 76	151. 0-152. 0	2. 03	13325. 19	0. 02	99. 44
105. 0-106. 0	11. 33	13111. 78	0. 08	97. 85	152. 0-153. 0	1. 96	13327. 15	0. 01	99. 46
106. 0-107. 0	10. 63	13122. 40	0. 08	97. 93	153. 0-154. 0	1. 89	13329. 04	0. 01	99. 47
107. 0-108. 0	9. 98	13132. 39	0. 07	98. 00	154. 0-155. 0	1. 81	13330. 85	0. 01	99. 48
108. 0-109. 0	9. 37	13141. 76	0. 07	98. 07	155. 0-156. 0	1. 74	13332. 59	0. 01	99. 50
109. 0-110. 0	8. 83	13150. 60	0. 07	98. 14	156. 0-157. 0	1. 67	13334. 26	0. 01	99. 51
110. 0-111. 0	8. 31	13158. 91	0. 06	98. 20	157. 0-158. 0	1. 60	13335. 86	0. 01	99. 52
111. 0-112. 0	7. 80	13166. 71	0. 06	98. 26	158. 0-159. 0	1. 53	13337. 39	0. 01	99. 53
112. 0-113. 0	7. 36	13174. 07	0. 05	98. 31	159. 0-160. 0	1. 45	13338. 84	0. 01	99. 54
113. 0-114. 0	6. 96	13181. 02	0. 05	98. 37	160. 0-161. 0	1. 38	13340. 22	0. 01	99. 55
114. 0-115. 0	6. 60	13187. 62	0. 05	98. 42	161. 0-162. 0	1. 31	13341. 53	0. 01	99. 56
115. 0-116. 0	6. 28	13193. 91	0. 05	98. 46	162. 0-163. 0	1. 24	13342. 76	0. 01	99. 57
116. 0-117. 0	6. 00	13199. 91	0. 04	98. 51	163. 0-164. 0	1. 16	13343. 93	0. 01	99. 58
117. 0-118. 0	5. 75	13205. 66	0. 04	98. 55	164. 0-165. 0	1. 09	13345. 02	0. 01	99. 59
118. 0-119. 0	5. 52	13211. 18	0. 04	98. 59	165. 0-166. 0	1. 02	13346. 04	0. 01	99. 60
119. 0-120. 0	5. 31	13216. 48	0. 04	98. 63	166. 0-167. 0	0. 95	13346. 99	0. 01	99. 60
120. 0-121. 0	5. 12	13221. 60	0. 04	98. 67	167. 0-168. 0	0. 88	13347. 87	0. 01	99. 61
121. 0-122. 0	4. 96	13226. 56	0. 04	98. 71	168. 0-169. 0	0. 81	13348. 68	0. 01	99. 62
122. 0-123. 0	4. 80	13231. 36	0. 04	98. 74	169. 0-170. 0	0. 74	13349. 42	0. 01	99. 62
123. 0-124. 0	4. 66	13236. 02	0. 03	98. 78	170. 0-171. 0	0. 67	13350. 09	0. 00	99. 63
124. 0-125. 0	4. 52	13240. 54	0. 03	98. 81	171. 0-172. 0	0. 60	13350. 69	0. 00	99. 63
125. 0-126. 0	4. 40	13244. 93	0. 03	98. 84	172. 0-173. 0	0. 53	13351. 22	0. 00	99. 64
126. 0-127. 0	4. 28	13249. 21	0. 03	98. 87	173. 0-174. 0	0. 46	13351. 68	0. 00	99. 64
127. 0-128. 0	4. 17	13253. 38	0. 03	98. 91	174. 0-175. 0	0. 39	13352. 07	0. 00	99. 64
128. 0-129. 0	4. 06	13257. 44	0. 03	98. 94	175. 0-176. 0	0. 32	13352. 39	0. 00	99. 64
129. 0-130. 0	3. 95	13261. 39	0. 03	98. 97	176. 0-177. 0	0. 25	13352. 64	0. 00	99. 65
130. 0-131. 0	3. 85	13265. 24	0. 03	98. 99	177. 0-178. 0	0. 18	13352. 81	0. 00	99. 65
131. 0-132. 0	3. 74	13268. 98	0. 03	99. 02	178. 0-179. 0	0. 11	13352. 92	0. 00	99. 65
132. 0-133. 0	3. 65	13272. 63	0. 03	99. 05	179. 0-180. 0	0. 04	13352. 95	0. 00	99. 65
133. 0-134. 0	3. 56	13276. 19	0. 03	99. 08					
134. 0-135. 0	3. 47	13279. 66	0. 03	99. 10					
135. 0-136. 0	3. 38	13283. 04	0. 03	99. 13					
136. 0-137. 0	3. 29	13286. 33	0. 02	99. 15					
137. 0-138. 0	3. 21	13289. 54	0. 02	99. 18					
138. 0-139. 0	3. 12	13292. 66	0. 02	99. 20					
139. 0-140. 0	3. 02	13295. 69	0. 02	99. 22					
140. 0-141. 0	2. 93	13298. 62	0. 02	99. 24					

Rectangle ISO Lighting Intensity Diagram

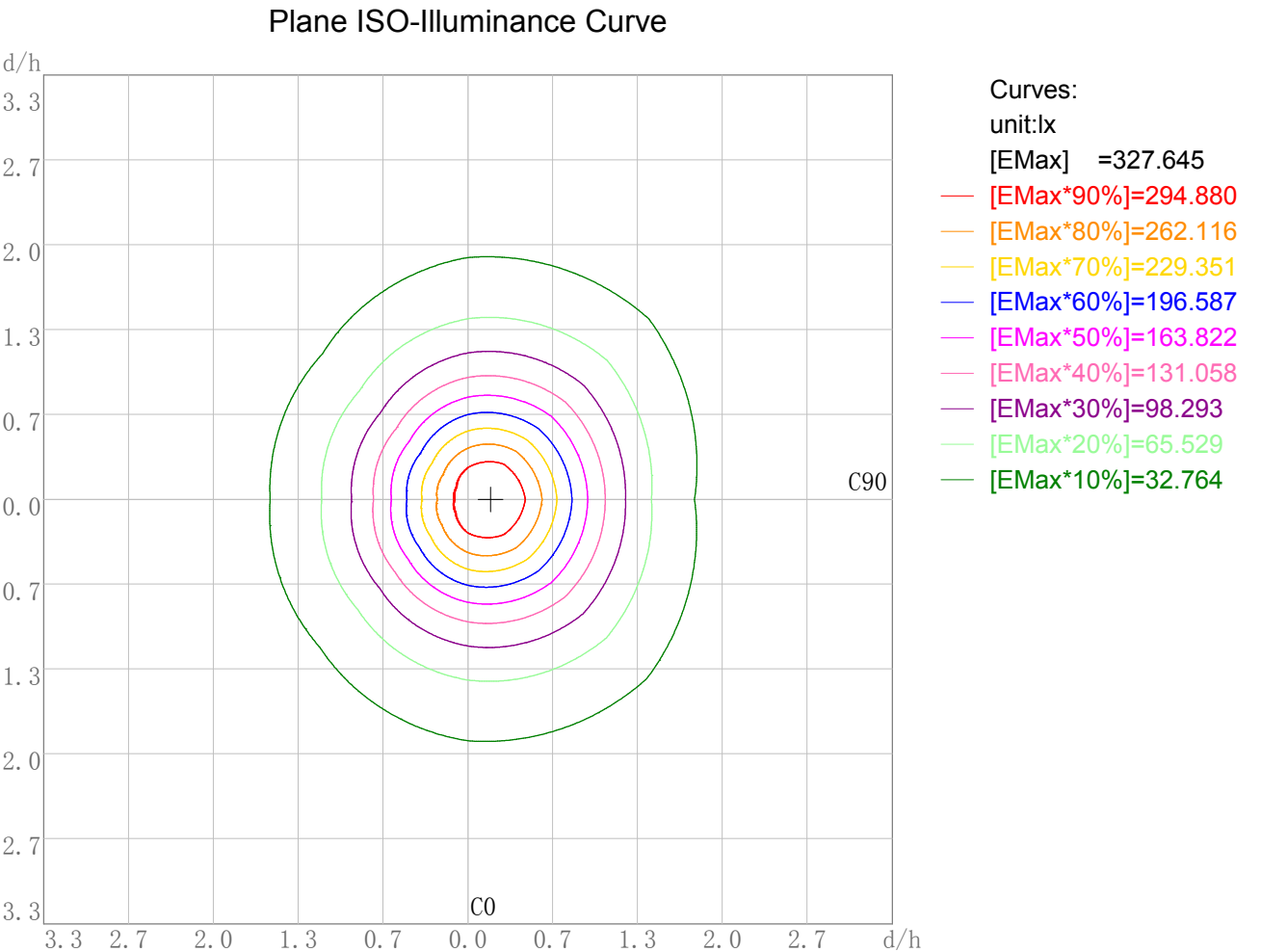
Lum. Name: LN90HE1H-CM-T4	Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/04



Maximum Light Intensity(cd): 3816.15
Maximum Cand.@Angle: H=0.0°,V=41.0°

Plane ISO-Illuminance Diagram

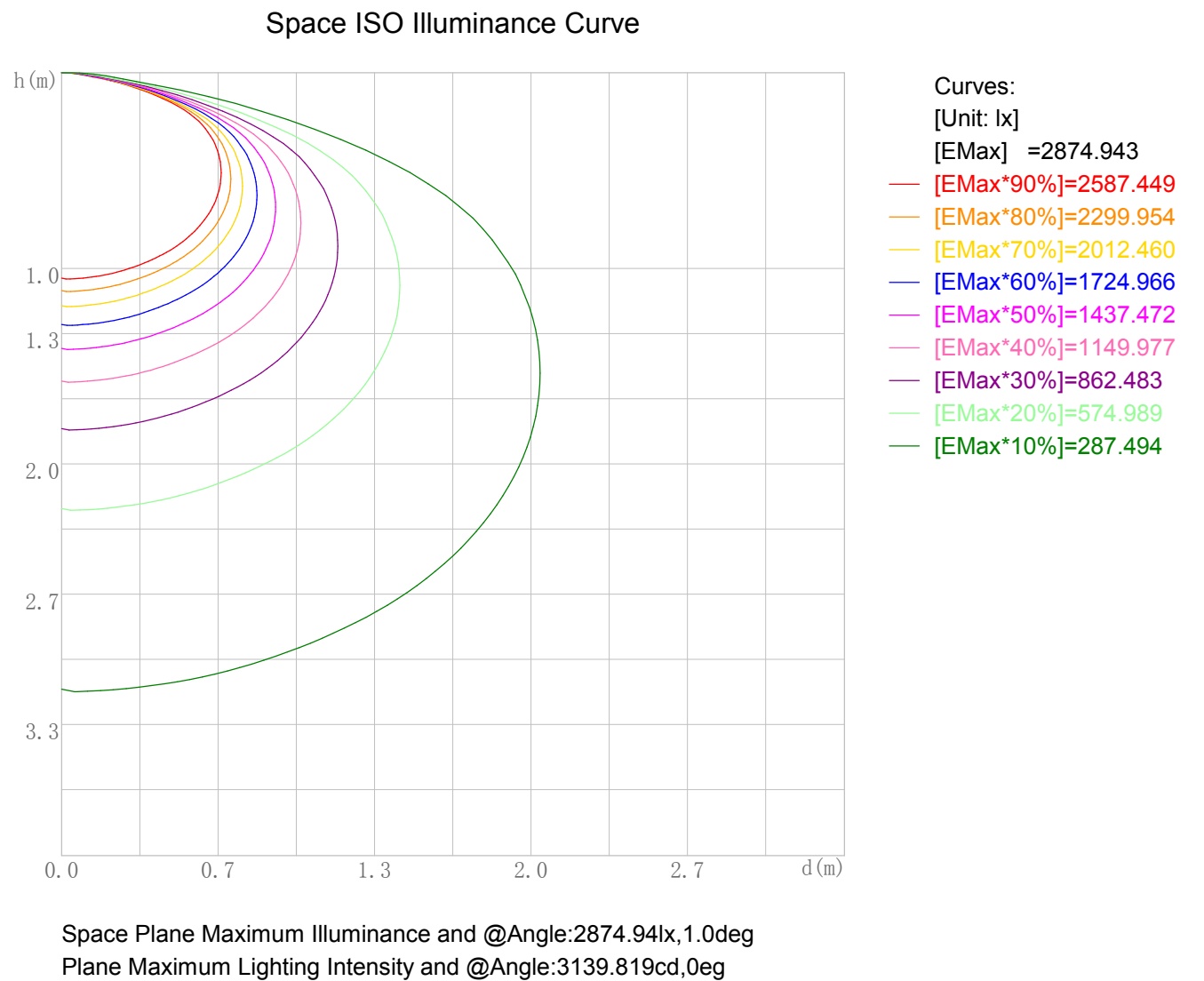
Lum. Name: LN90HE1H-CM-T4	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/04



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 327.64
Working Plane Maximum Illuminance Position(d/h):H0.2 V0.0

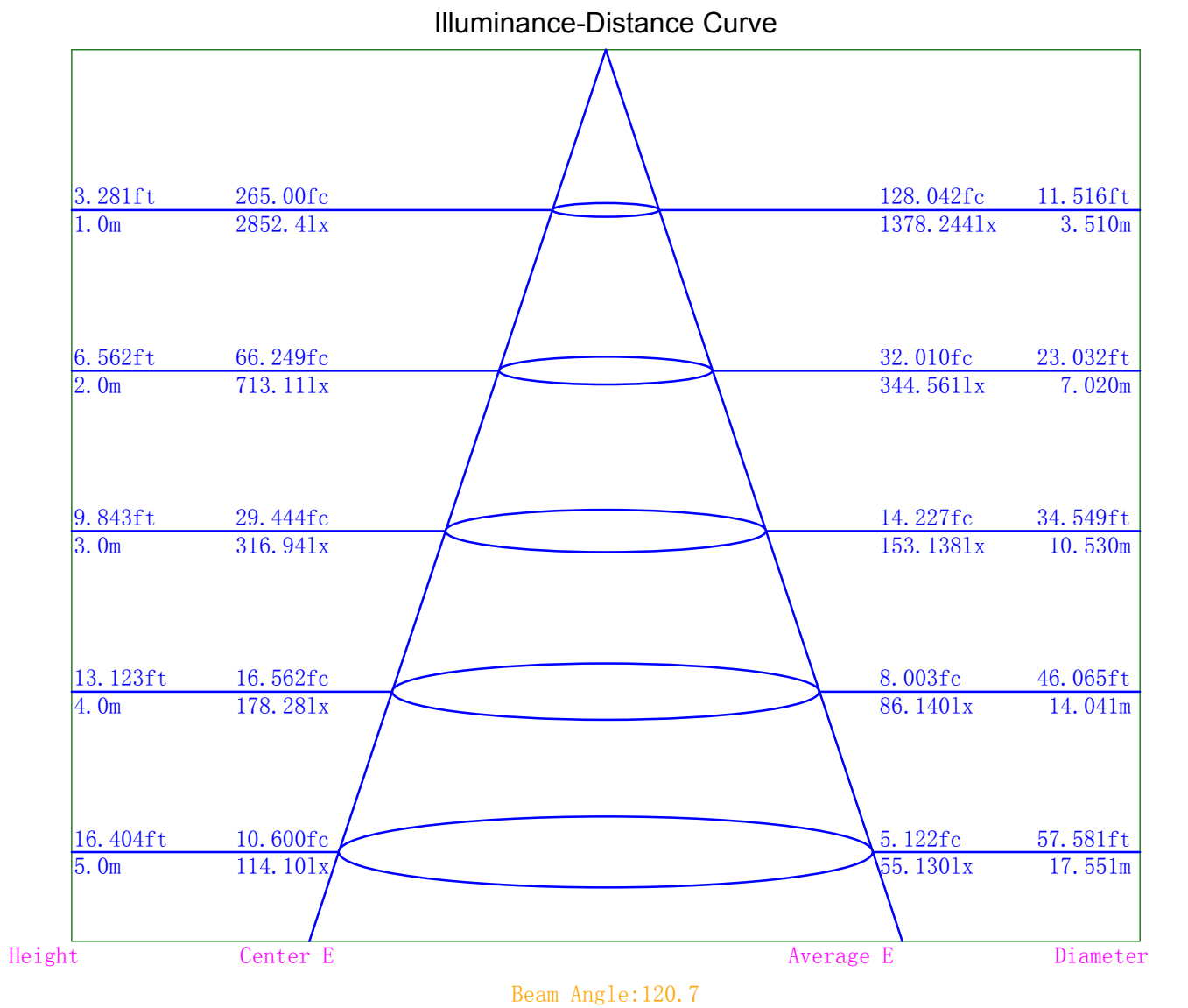
Space ISO Illuminance Diagram

Lum. Name: LN90HE1H-CM-T4	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/04



Illuminance-Distance Diagram

Lum. Name: LN90HE1H-CM-T4	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/04



Indoor Luminance Limiting Curves

Lum. Name: LN90HE1H-CM-T4	Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/04

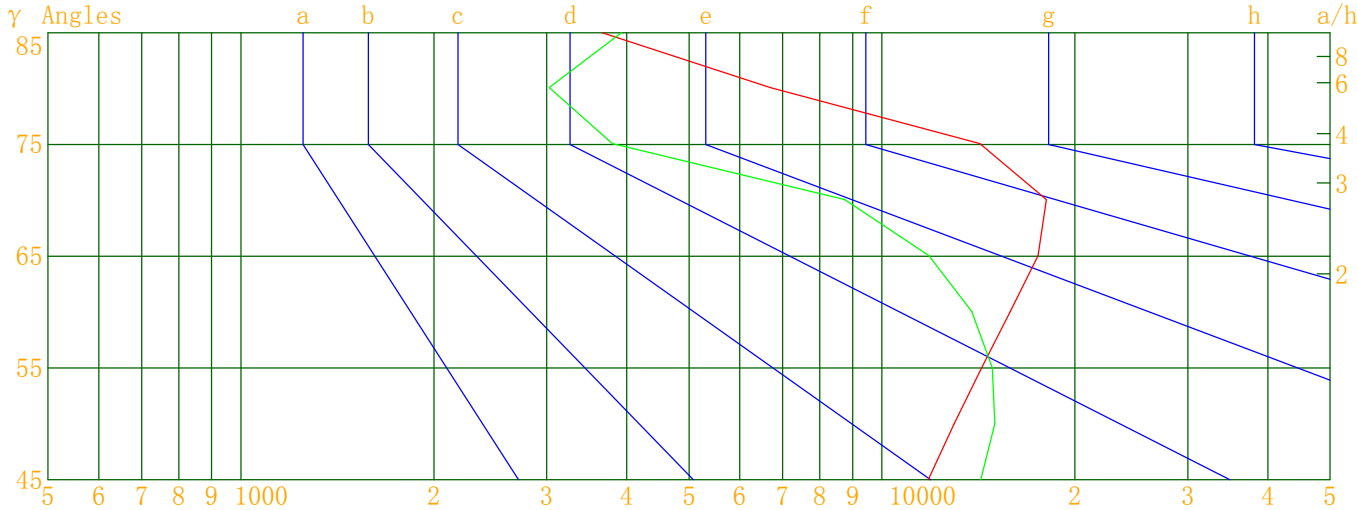
Glare Grade Table

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	11808	12957	14307	15861	17526	18046	14208	6689	3663
C90	14266	15000	14869	13811	11838	8751	3798	3026	3920

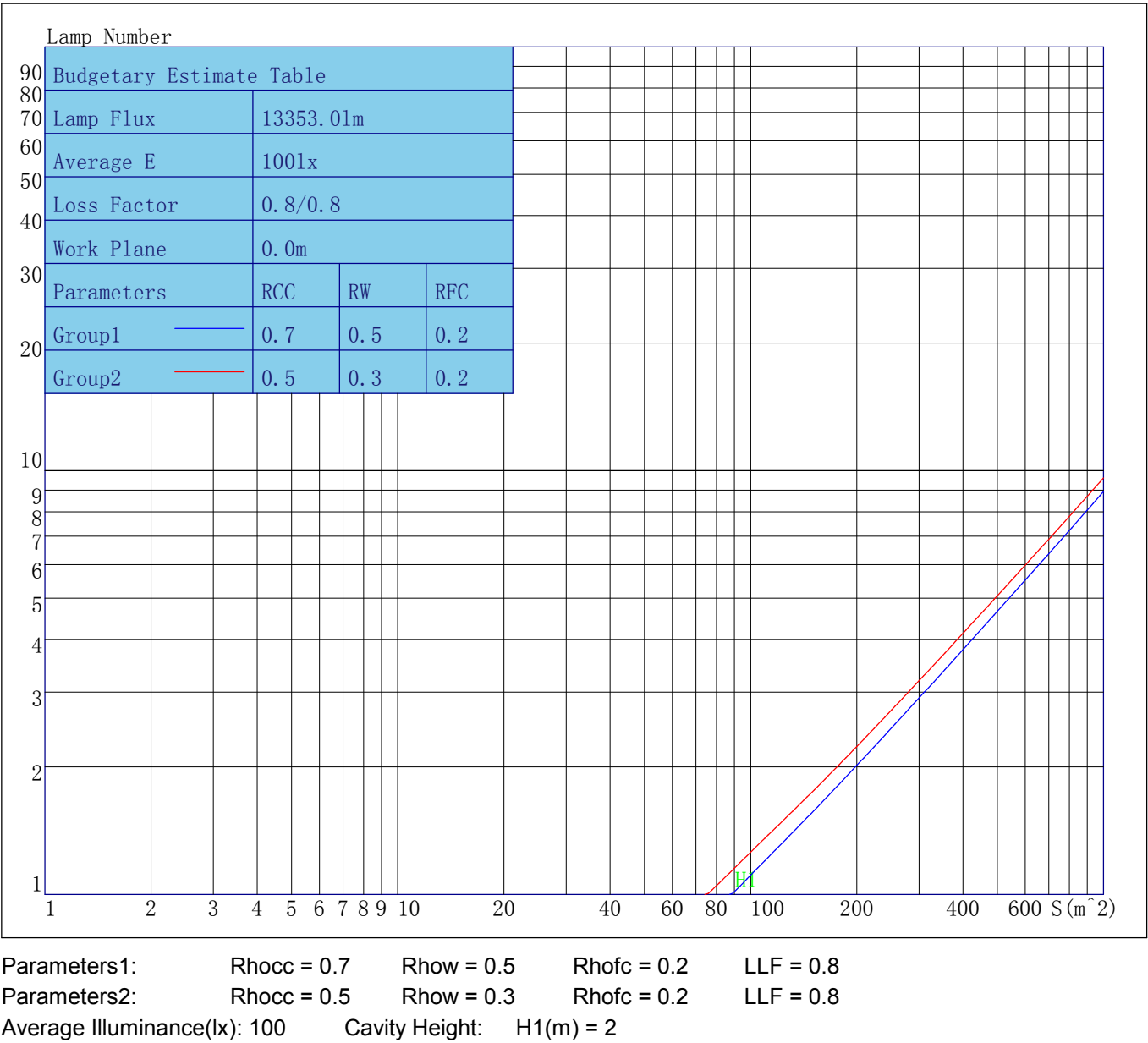
Luminance Limiting Curve



Luminous Size: Length(m)=0.420 Width(m)=0.420 Height(m)=0.475 Area(m^2)=0.375900
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name: LN90HE1H-CM-T4	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/04



Indoor Coefficient of Utilization Table

Lum. Name: LN90HE1H-CM-T4	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/04

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	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	96
1	107	102	97	93	104	99	95	91	94	91	87	90	87	84	86	83	81	79
2	96	87	79	73	93	85	78	72	81	75	70	77	72	68	73	69	66	63
3	86	75	66	59	83	73	65	58	69	62	57	66	60	55	63	58	54	51
4	78	65	56	48	76	64	55	48	61	53	47	58	51	46	55	50	45	42
5	71	57	48	41	69	56	47	40	54	46	39	51	44	39	49	43	38	36
6	65	51	41	35	63	50	41	34	48	40	34	46	39	33	44	37	33	30
7	60	46	36	30	58	45	36	30	43	35	29	41	34	29	39	33	28	26
8	56	41	32	26	54	41	32	26	39	31	26	37	30	25	36	30	25	23
9	52	38	29	23	50	37	29	23	35	28	23	34	27	22	33	27	22	20
10	48	35	26	21	47	34	26	21	33	25	20	31	25	20	30	24	20	18

Unified Glare Rating Table

Lum. Name: LN90HE1H-CM-T4	Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/04

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	22.4	24.1	22.8	24.4	24.8	22.8	24.4	23.2	24.8	25.2
	24.9	26.4	25.3	26.8	27.2	24.1	25.6	24.5	26.0	26.4
	25.6	27.1	26.1	27.5	27.9	24.2	25.7	24.7	26.1	26.5
	25.9	27.2	26.3	27.6	28.1	24.3	25.6	24.7	26.0	26.5
	25.9	27.2	26.4	27.6	28.1	24.2	25.5	24.7	26.0	26.4
	25.9	27.1	26.4	27.5	28.0	24.3	25.5	24.7	25.9	26.4
X=4H Y=2H	23.4	24.8	23.8	25.2	25.7	24.0	25.4	24.4	25.8	26.3
	25.9	27.1	26.4	27.6	28.1	25.5	26.7	26.0	27.2	27.6
	26.7	27.8	27.2	28.3	28.8	25.7	26.8	26.2	27.3	27.8
	27.0	28.0	27.5	28.4	29.0	25.8	26.7	26.3	27.2	27.8
	27.0	27.9	27.5	28.4	28.9	25.8	26.7	26.3	27.2	27.7
	27.0	27.8	27.6	28.3	28.9	25.8	26.6	26.4	27.1	27.7
X=8H Y=4H	26.9	27.8	27.4	28.3	28.8	26.1	27.0	26.6	27.5	28.1
	27.2	27.9	27.8	28.5	29.2	26.2	26.9	26.8	27.5	28.1
	27.3	27.9	27.8	28.4	29.0	26.2	26.9	26.8	27.4	28.0
	27.3	27.8	27.8	28.4	29.0	26.3	26.8	26.8	27.4	28.0
X=12H Y=4H	26.9	27.7	27.4	28.2	28.8	26.1	26.9	26.7	27.5	28.0
	27.2	27.9	27.8	28.4	29.0	26.2	26.9	26.8	27.4	28.0
	27.3	27.8	27.8	28.4	29.0	26.3	26.8	26.8	27.3	28.0
Variations with the objerver position at spacings										
S=1.0H	1.1/-1.4					1.0/-1.0				
S=1.5H	1.8/-2.5					2.3/-2.7				
S=2.0H	1.5/-2.8					2.8/-4.7				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.7					2.0				

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

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Candela Tabulation

V/H	C0. 0	C45. 0	C90. 0	C135. 0	C180. 0	C225. 0	C270. 0	C315. 0
γ 0. 0	2852. 43	2852. 43	2852. 43	2852. 43	2852. 43	2852. 43	2852. 43	2852. 43
γ 1. 0	2876. 26	2866. 13	2852. 81	2847. 95	2876. 53	2833. 21	2807. 75	2815. 46
γ 2. 0	2876. 69	2883. 84	2877. 24	2865. 48	2877. 14	2818. 13	2787. 05	2800. 57
γ 3. 0	2877. 23	2901. 82	2902. 64	2883. 39	2878. 30	2803. 61	2766. 26	2786. 40
γ 4. 0	2878. 05	2920. 13	2927. 98	2901. 59	2879. 80	2789. 20	2745. 99	2772. 45
γ 5. 0	2879. 19	2938. 96	2953. 02	2920. 02	2881. 79	2775. 35	2726. 05	2758. 87
γ 6. 0	2880. 83	2958. 01	2978. 12	2938. 81	2884. 59	2762. 01	2706. 14	2745. 52
γ 7. 0	2882. 88	2976. 97	3004. 13	2957. 68	2887. 99	2749. 42	2686. 83	2732. 44
γ 8. 0	2885. 34	2995. 70	3030. 74	2976. 91	2892. 10	2737. 39	2668. 56	2719. 61
γ 9. 0	2888. 56	3014. 99	3058. 57	2996. 95	2897. 00	2725. 76	2650. 49	2707. 13
γ 10. 0	2892. 15	3034. 90	3087. 39	3017. 73	2902. 67	2714. 88	2632. 86	2695. 11
γ 11. 0	2895. 61	3055. 35	3116. 43	3039. 44	2908. 66	2704. 56	2614. 95	2683. 41
γ 12. 0	2899. 39	3076. 63	3145. 96	3062. 10	2915. 08	2694. 80	2597. 35	2671. 98
γ 13. 0	2903. 60	3098. 44	3176. 00	3085. 27	2921. 70	2685. 30	2580. 84	2661. 21
γ 14. 0	2907. 99	3121. 09	3206. 58	3108. 75	2928. 75	2676. 28	2564. 99	2650. 82
γ 15. 0	2912. 66	3143. 86	3237. 84	3132. 15	2936. 13	2667. 82	2549. 53	2640. 32
γ 16. 0	2917. 28	3167. 07	3269. 14	3155. 81	2943. 51	2659. 57	2535. 12	2630. 38
γ 17. 0	2922. 35	3190. 62	3299. 69	3179. 76	2951. 17	2651. 62	2521. 55	2620. 79
γ 18. 0	2928. 12	3214. 17	3328. 89	3204. 14	2959. 24	2643. 86	2508. 30	2611. 78
γ 19. 0	2934. 65	3237. 17	3356. 94	3228. 85	2967. 75	2636. 63	2495. 04	2603. 16
γ 20. 0	2941. 68	3260. 00	3384. 54	3253. 84	2976. 49	2629. 88	2481. 55	2594. 94
γ 21. 0	2949. 76	3282. 63	3411. 97	3278. 55	2985. 90	2623. 80	2467. 91	2587. 11
γ 22. 0	2958. 56	3304. 68	3439. 43	3302. 57	2995. 98	2618. 18	2454. 64	2579. 76
γ 23. 0	2967. 81	3326. 56	3465. 92	3326. 00	3006. 20	2613. 23	2442. 70	2572. 31
γ 24. 0	2977. 96	3348. 42	3493. 04	3349. 13	3016. 42	2608. 31	2431. 48	2565. 23
γ 25. 0	2988. 51	3370. 13	3519. 24	3371. 30	3026. 48	2603. 44	2420. 91	2558. 07
γ 26. 0	2998. 99	3391. 49	3545. 34	3393. 85	3036. 16	2598. 05	2411. 84	2551. 15
γ 27. 0	3009. 51	3412. 53	3571. 51	3416. 35	3045. 80	2592. 37	2402. 77	2543. 94
γ 28. 0	3019. 94	3433. 53	3597. 40	3438. 68	3055. 41	2586. 56	2389. 27	2536. 88
γ 29. 0	3029. 90	3454. 56	3622. 22	3460. 92	3064. 62	2580. 85	2372. 24	2529. 84
γ 30. 0	3039. 62	3475. 33	3646. 74	3482. 58	3073. 57	2574. 80	2357. 43	2522. 54
γ 31. 0	3049. 17	3495. 53	3671. 12	3504. 15	3081. 86	2568. 56	2345. 25	2515. 59
γ 32. 0	3058. 27	3515. 21	3693. 05	3525. 24	3089. 96	2562. 12	2333. 70	2508. 15
γ 33. 0	3067. 15	3534. 45	3712. 41	3546. 08	3097. 31	2555. 47	2322. 04	2500. 18
γ 34. 0	3075. 80	3553. 61	3729. 36	3566. 63	3103. 92	2548. 48	2310. 35	2492. 07
γ 35. 0	3083. 75	3572. 63	3744. 92	3587. 37	3110. 24	2541. 45	2298. 71	2483. 76
γ 36. 0	3091. 56	3592. 09	3761. 60	3607. 38	3116. 37	2534. 16	2286. 97	2475. 16
γ 37. 0	3098. 99	3611. 78	3778. 09	3626. 71	3121. 94	2526. 18	2275. 04	2466. 84
γ 38. 0	3106. 18	3631. 86	3792. 48	3645. 26	3126. 91	2518. 12	2263. 05	2458. 00
γ 39. 0	3112. 80	3651. 77	3804. 35	3663. 19	3131. 49	2509. 21	2250. 27	2448. 85
γ 40. 0	3118. 71	3671. 47	3811. 98	3679. 66	3135. 66	2499. 64	2236. 68	2438. 64
γ 41. 0	3123. 77	3690. 43	3816. 15	3694. 86	3139. 35	2488. 67	2222. 62	2427. 68
γ 42. 0	3128. 39	3707. 88	3816. 09	3708. 75	3142. 27	2476. 89	2207. 99	2415. 64
γ 43. 0	3132. 78	3723. 29	3812. 52	3721. 45	3144. 26	2463. 75	2193. 57	2402. 11
γ 44. 0	3136. 12	3736. 59	3804. 48	3732. 28	3145. 79	2450. 08	2178. 13	2387. 41
γ 45. 0	3138. 56	3748. 07	3791. 95	3742. 14	3146. 29	2435. 36	2161. 20	2371. 98
γ 46. 0	3139. 75	3758. 14	3774. 33	3750. 98	3145. 53	2419. 99	2143. 58	2355. 56

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Candela Tabulation - (Cont.)

V/H	C0. 0	C45. 0	C90. 0	C135. 0	C180. 0	C225. 0	C270. 0	C315. 0
γ 47. 0	3139. 82	3766. 34	3751. 46	3757. 81	3143. 29	2403. 50	2125. 18	2337. 60
γ 48. 0	3138. 43	3771. 45	3719. 49	3762. 32	3139. 48	2385. 48	2105. 96	2318. 27
γ 49. 0	3135. 36	3774. 61	3677. 39	3764. 85	3134. 36	2366. 54	2084. 98	2297. 74
γ 50. 0	3130. 63	3775. 32	3624. 47	3764. 59	3128. 10	2346. 45	2063. 42	2275. 85
γ 51. 0	3124. 32	3773. 33	3560. 12	3759. 94	3120. 53	2325. 11	2040. 28	2252. 27
γ 52. 0	3116. 48	3767. 83	3484. 75	3750. 84	3111. 71	2302. 51	2015. 57	2226. 97
γ 53. 0	3107. 48	3758. 49	3400. 70	3736. 73	3101. 60	2278. 25	1989. 51	2200. 47
γ 54. 0	3097. 05	3744. 93	3307. 23	3717. 28	3090. 36	2251. 92	1962. 17	2172. 18
γ 55. 0	3084. 74	3727. 55	3205. 93	3693. 41	3078. 76	2223. 68	1933. 41	2142. 18
γ 56. 0	3071. 52	3704. 90	3098. 61	3665. 22	3064. 89	2193. 21	1903. 19	2110. 21
γ 57. 0	3056. 28	3676. 69	2984. 30	3632. 15	3040. 43	2161. 49	1870. 24	2076. 32
γ 58. 0	3033. 32	3643. 34	2860. 08	3592. 97	3018. 44	2128. 23	1834. 32	2040. 12
γ 59. 0	3010. 66	3604. 00	2729. 71	3546. 39	2996. 20	2091. 76	1795. 40	2001. 24
γ 60. 0	2981. 06	3558. 36	2595. 69	3492. 26	2968. 13	2052. 17	1754. 58	1959. 04
γ 61. 0	2957. 74	3504. 16	2459. 39	3429. 21	2939. 55	2009. 15	1710. 08	1912. 48
γ 62. 0	2930. 59	3440. 79	2319. 16	3356. 41	2909. 06	1963. 69	1647. 15	1854. 84
γ 63. 0	2881. 33	3367. 55	2175. 38	3273. 58	2866. 59	1915. 13	1587. 61	1778. 58
γ 64. 0	2829. 24	3285. 92	2028. 74	3175. 36	2826. 84	1864. 05	1544. 63	1691. 63
γ 65. 0	2784. 20	3194. 85	1880. 60	3068. 02	2787. 03	1810. 35	1479. 54	1608. 52
γ 66. 0	2724. 97	3091. 18	1729. 69	2948. 66	2729. 07	1752. 11	1413. 90	1542. 46
γ 67. 0	2663. 21	2972. 72	1573. 47	2815. 71	2653. 01	1689. 61	1356. 74	1478. 81
γ 68. 0	2563. 27	2827. 48	1421. 55	2670. 54	2559. 76	1622. 06	1292. 38	1398. 39
γ 69. 0	2463. 90	2671. 24	1272. 53	2511. 71	2445. 05	1553. 36	1227. 85	1316. 35
γ 70. 0	2320. 10	2489. 92	1125. 07	2343. 75	2322. 85	1481. 67	1164. 63	1269. 99
γ 71. 0	2173. 09	2293. 13	957. 34	2164. 20	2205. 35	1403. 30	1114. 06	1183. 64
γ 72. 0	1997. 91	2079. 56	740. 18	1964. 58	2044. 47	1315. 62	1040. 28	1109. 51
γ 73. 0	1801. 44	1851. 65	547. 82	1755. 86	1852. 48	1227. 06	940. 24	1017. 80
γ 74. 0	1590. 70	1604. 64	438. 15	1527. 49	1647. 83	1139. 58	793. 35	966. 47
γ 75. 0	1382. 33	1361. 47	369. 47	1293. 95	1433. 91	1043. 01	648. 48	895. 56
γ 76. 0	1169. 66	1092. 65	313. 05	1066. 81	1233. 97	949. 27	518. 91	805. 90
γ 77. 0	980. 19	826. 47	265. 23	837. 55	1055. 57	854. 13	440. 90	699. 13
γ 78. 0	793. 46	569. 64	239. 49	611. 71	885. 90	752. 68	401. 47	590. 41
γ 79. 0	613. 12	378. 35	217. 55	416. 98	704. 61	641. 48	343. 63	484. 15
γ 80. 0	436. 60	269. 14	197. 53	296. 00	519. 41	527. 98	280. 30	401. 63
γ 81. 0	303. 70	218. 28	179. 12	234. 49	358. 31	427. 97	227. 46	322. 79
γ 82. 0	213. 63	192. 28	163. 98	196. 84	251. 53	345. 75	190. 77	265. 30
γ 83. 0	164. 57	172. 88	152. 89	171. 63	175. 38	282. 70	163. 19	211. 65
γ 84. 0	138. 04	156. 54	139. 01	152. 51	134. 14	233. 21	141. 55	176. 16
γ 85. 0	119. 99	144. 11	128. 43	137. 35	111. 15	192. 01	146. 67	147. 78
γ 86. 0	110. 58	135. 00	122. 09	126. 76	100. 03	158. 28	146. 45	139. 55
γ 87. 0	102. 85	127. 89	118. 22	120. 44	92. 76	148. 67	130. 34	124. 99
γ 88. 0	97. 04	123. 22	113. 30	115. 94	87. 66	135. 63	115. 99	116. 28
γ 89. 0	91. 95	106. 20	98. 70	111. 74	82. 80	125. 67	106. 58	109. 88
γ 90. 0	81. 40	106. 20	94. 03	96. 61	74. 55	116. 64	96. 36	102. 93
γ 91. 0	81. 69	115. 95	102. 20	103. 08	70. 78	103. 35	81. 08	86. 35
γ 92. 0	87. 11	119. 60	106. 21	109. 83	73. 64	92. 57	76. 30	99. 85
γ 93. 0	90. 18	119. 41	106. 68	111. 90	76. 30	106. 19	81. 01	108. 14

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Candela Tabulation - (Cont.)

V/H	C0. 0	C45. 0	C90. 0	C135. 0	C180. 0	C225. 0	C270. 0	C315. 0
γ 94. 0	89. 36	118. 32	107. 17	111. 91	77. 20	110. 36	91. 83	107. 58
γ 95. 0	89. 36	116. 21	107. 16	108. 94	76. 85	115. 74	95. 38	118. 52
γ 96. 0	91. 96	112. 90	102. 10	107. 15	76. 96	133. 15	81. 85	133. 16
γ 97. 0	99. 86	108. 53	98. 47	105. 27	82. 85	141. 98	92. 21	134. 89
γ 98. 0	111. 16	105. 87	95. 33	105. 34	94. 46	143. 30	105. 83	135. 57
γ 99. 0	125. 21	108. 38	91. 63	105. 02	106. 80	145. 94	108. 92	139. 93
γ 100. 0	140. 98	115. 06	79. 52	106. 03	119. 95	139. 67	111. 90	143. 30
γ 101. 0	151. 05	123. 76	73. 43	109. 62	126. 83	138. 98	113. 82	141. 54
γ 102. 0	152. 01	127. 22	71. 19	112. 74	130. 36	139. 18	112. 49	143. 27
γ 103. 0	144. 60	124. 08	69. 48	115. 75	130. 65	142. 39	110. 07	137. 31
γ 104. 0	136. 40	122. 40	68. 10	113. 03	128. 03	138. 06	103. 58	124. 95
γ 105. 0	126. 94	119. 38	67. 41	109. 13	121. 58	127. 35	97. 08	115. 60
γ 106. 0	115. 14	114. 67	67. 71	107. 10	114. 89	114. 39	92. 73	104. 97
γ 107. 0	108. 29	108. 22	67. 29	102. 87	105. 95	104. 90	91. 03	96. 82
γ 108. 0	102. 63	101. 71	66. 40	96. 78	97. 23	98. 06	88. 79	90. 57
γ 109. 0	96. 14	96. 03	65. 69	91. 68	89. 71	90. 52	87. 13	83. 05
γ 110. 0	90. 11	89. 93	68. 70	87. 65	83. 95	84. 95	83. 65	78. 47
γ 111. 0	85. 53	84. 15	68. 62	84. 12	77. 78	77. 34	77. 63	72. 49
γ 112. 0	80. 07	79. 67	67. 57	79. 79	72. 53	73. 25	74. 52	68. 29
γ 113. 0	75. 82	76. 29	66. 15	75. 25	68. 15	69. 54	69. 23	65. 53
γ 114. 0	72. 77	73. 55	65. 30	71. 47	63. 69	65. 89	65. 81	62. 11
γ 115. 0	69. 64	70. 65	63. 61	68. 83	59. 52	62. 94	63. 94	58. 98
γ 116. 0	66. 29	67. 84	61. 82	66. 76	56. 79	60. 80	60. 97	56. 59
γ 117. 0	63. 79	65. 43	60. 07	64. 74	54. 71	58. 19	59. 07	54. 59
γ 118. 0	62. 09	63. 44	58. 29	62. 51	52. 92	55. 81	57. 26	52. 60
γ 119. 0	60. 46	61. 82	56. 86	60. 34	51. 43	54. 08	54. 98	51. 05
γ 120. 0	58. 71	60. 63	55. 66	58. 52	50. 24	52. 79	52. 06	49. 92
γ 121. 0	57. 09	59. 58	54. 63	57. 07	49. 30	51. 33	50. 54	48. 89
γ 122. 0	56. 04	58. 68	53. 65	55. 83	48. 39	49. 68	49. 69	47. 61
γ 123. 0	55. 26	57. 83	52. 60	54. 74	47. 57	48. 28	48. 70	46. 37
γ 124. 0	54. 56	57. 04	51. 54	53. 66	46. 87	47. 10	47. 37	45. 32
γ 125. 0	53. 91	56. 26	50. 53	52. 75	46. 25	46. 24	46. 41	44. 41
γ 126. 0	53. 30	55. 53	49. 60	52. 01	45. 67	45. 56	45. 82	43. 56
γ 127. 0	52. 80	54. 35	48. 71	51. 30	45. 09	45. 06	45. 37	43. 00
γ 128. 0	52. 09	53. 45	48. 04	50. 34	44. 70	44. 47	45. 00	42. 60
γ 129. 0	51. 33	52. 76	47. 63	49. 48	44. 41	43. 80	44. 44	42. 16
γ 130. 0	50. 68	52. 32	47. 18	48. 66	44. 18	43. 26	43. 56	41. 65
γ 131. 0	50. 17	51. 47	46. 64	47. 77	43. 98	42. 90	42. 50	41. 17
γ 132. 0	49. 72	50. 63	46. 15	46. 96	43. 76	42. 67	41. 95	40. 86
γ 133. 0	49. 29	49. 90	45. 81	46. 19	43. 47	42. 49	41. 69	40. 74
γ 134. 0	48. 80	49. 26	45. 29	45. 53	43. 19	42. 41	41. 54	40. 54
γ 135. 0	48. 14	48. 58	44. 97	44. 92	42. 99	42. 25	41. 03	40. 37
γ 136. 0	47. 46	47. 94	44. 82	44. 34	42. 76	42. 15	40. 44	40. 25
γ 137. 0	47. 16	47. 44	44. 35	43. 77	42. 57	42. 21	40. 07	40. 24
γ 138. 0	46. 54	46. 94	43. 80	43. 14	42. 41	42. 18	39. 92	40. 25
γ 139. 0	45. 84	45. 99	43. 24	42. 68	42. 00	41. 90	39. 84	40. 13
γ 140. 0	45. 04	45. 25	42. 70	42. 21	41. 27	41. 51	39. 81	40. 06

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Candela Tabulation - (Cont.)

V/H	C0. 0	C45. 0	C90. 0	C135. 0	C180. 0	C225. 0	C270. 0	C315. 0
γ 141. 0	44. 09	44. 50	42. 13	41. 76	40. 65	41. 15	39. 80	39. 93
γ 142. 0	43. 19	43. 88	41. 63	41. 19	40. 24	40. 85	39. 71	39. 68
γ 143. 0	42. 38	43. 30	41. 22	40. 57	39. 89	40. 51	39. 49	39. 45
γ 144. 0	41. 81	42. 78	40. 84	40. 06	39. 63	40. 16	39. 17	39. 24
γ 145. 0	41. 39	42. 29	40. 57	39. 64	39. 46	39. 79	38. 97	38. 99
γ 146. 0	40. 96	41. 83	40. 24	39. 27	39. 35	39. 62	38. 89	38. 69
γ 147. 0	40. 70	41. 37	39. 82	38. 92	39. 19	39. 55	38. 85	38. 48
γ 148. 0	40. 51	40. 98	39. 52	38. 54	39. 01	39. 53	38. 84	38. 34
γ 149. 0	40. 10	40. 54	39. 26	38. 13	39. 07	39. 48	38. 81	38. 24
γ 150. 0	39. 89	40. 17	39. 03	37. 80	39. 05	39. 42	38. 83	38. 17
γ 151. 0	39. 60	39. 84	38. 81	37. 53	38. 95	39. 40	38. 85	38. 09
γ 152. 0	39. 32	39. 57	38. 57	37. 27	38. 86	39. 44	38. 84	38. 00
γ 153. 0	39. 06	39. 42	38. 37	37. 04	38. 80	39. 43	38. 78	37. 88
γ 154. 0	38. 82	39. 18	38. 17	36. 88	38. 67	39. 40	38. 81	37. 92
γ 155. 0	38. 60	38. 98	37. 97	36. 73	38. 56	39. 37	38. 86	37. 88
γ 156. 0	38. 42	38. 78	37. 68	36. 57	38. 48	39. 28	38. 92	37. 90
γ 157. 0	38. 25	38. 55	37. 47	36. 40	38. 38	39. 26	38. 97	37. 88
γ 158. 0	38. 08	38. 31	37. 25	36. 21	38. 32	39. 27	38. 98	37. 82
γ 159. 0	37. 91	38. 14	37. 09	36. 08	38. 25	39. 22	38. 96	37. 72
γ 160. 0	37. 73	38. 05	36. 93	35. 82	38. 20	38. 92	38. 97	37. 60
γ 161. 0	37. 68	38. 00	36. 82	35. 52	38. 13	38. 55	38. 96	37. 44
γ 162. 0	37. 53	37. 96	36. 67	35. 39	37. 96	38. 32	38. 91	37. 32
γ 163. 0	37. 34	37. 91	36. 52	35. 32	37. 90	38. 21	38. 92	37. 17
γ 164. 0	37. 16	37. 86	36. 47	35. 26	37. 80	38. 12	38. 84	37. 11
γ 165. 0	37. 01	37. 71	36. 53	35. 22	37. 64	38. 05	38. 70	37. 01
γ 166. 0	36. 82	37. 62	36. 54	35. 17	37. 52	38. 03	38. 51	36. 91
γ 167. 0	36. 65	37. 55	36. 57	35. 06	37. 42	38. 05	38. 41	36. 83
γ 168. 0	36. 58	37. 55	36. 60	35. 03	37. 34	37. 97	38. 34	36. 80
γ 169. 0	36. 53	37. 53	36. 57	35. 09	37. 30	37. 91	38. 49	36. 72
γ 170. 0	36. 42	37. 55	36. 51	35. 17	37. 27	37. 87	38. 37	36. 68
γ 171. 0	36. 46	37. 50	36. 58	35. 17	37. 65	37. 85	38. 31	36. 60
γ 172. 0	37. 16	37. 51	36. 68	35. 23	37. 72	37. 79	38. 19	36. 55
γ 173. 0	37. 27	37. 49	36. 68	35. 27	37. 65	37. 73	38. 05	36. 48
γ 174. 0	37. 18	37. 48	36. 70	35. 26	37. 53	37. 63	37. 99	36. 40
γ 175. 0	37. 11	37. 47	36. 72	35. 36	37. 47	37. 58	37. 81	36. 27
γ 176. 0	37. 06	37. 51	36. 81	35. 41	37. 65	37. 58	37. 66	36. 17
γ 177. 0	37. 11	37. 56	36. 89	35. 53	37. 67	37. 53	37. 61	36. 12
γ 178. 0	37. 13	37. 63	36. 96	35. 72	37. 58	37. 65	37. 73	36. 03
γ 179. 0	37. 13	37. 71	37. 22	35. 99	37. 55	37. 75	37. 60	36. 10
γ 180. 0	37. 22	37. 22	37. 22	37. 22	37. 22	37. 22	37. 22	37. 22