

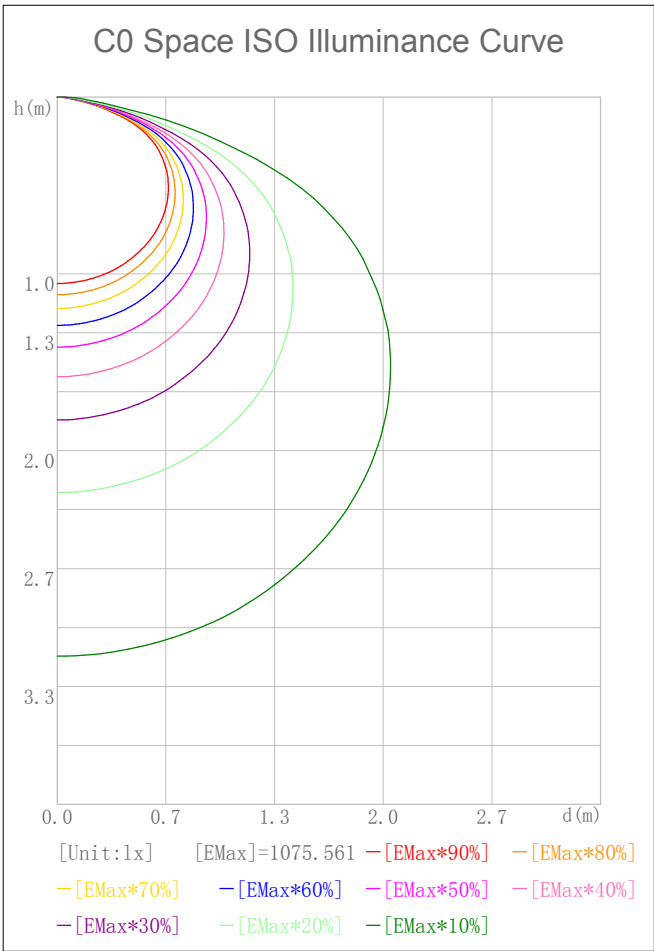
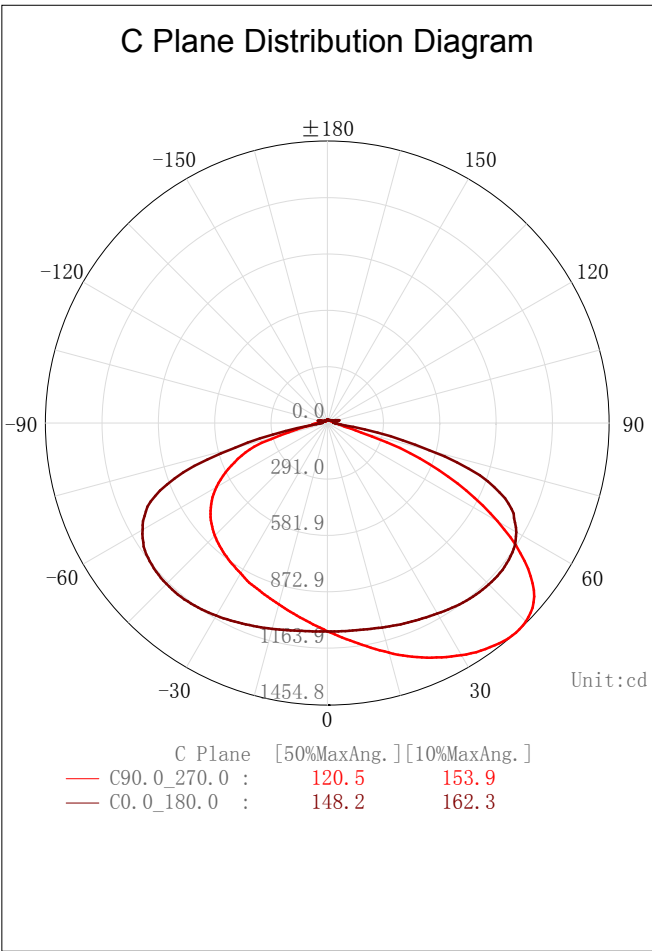
Indoor Luminaire Photometric Data

Description Information

Luminary Name: LN30HE1H-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

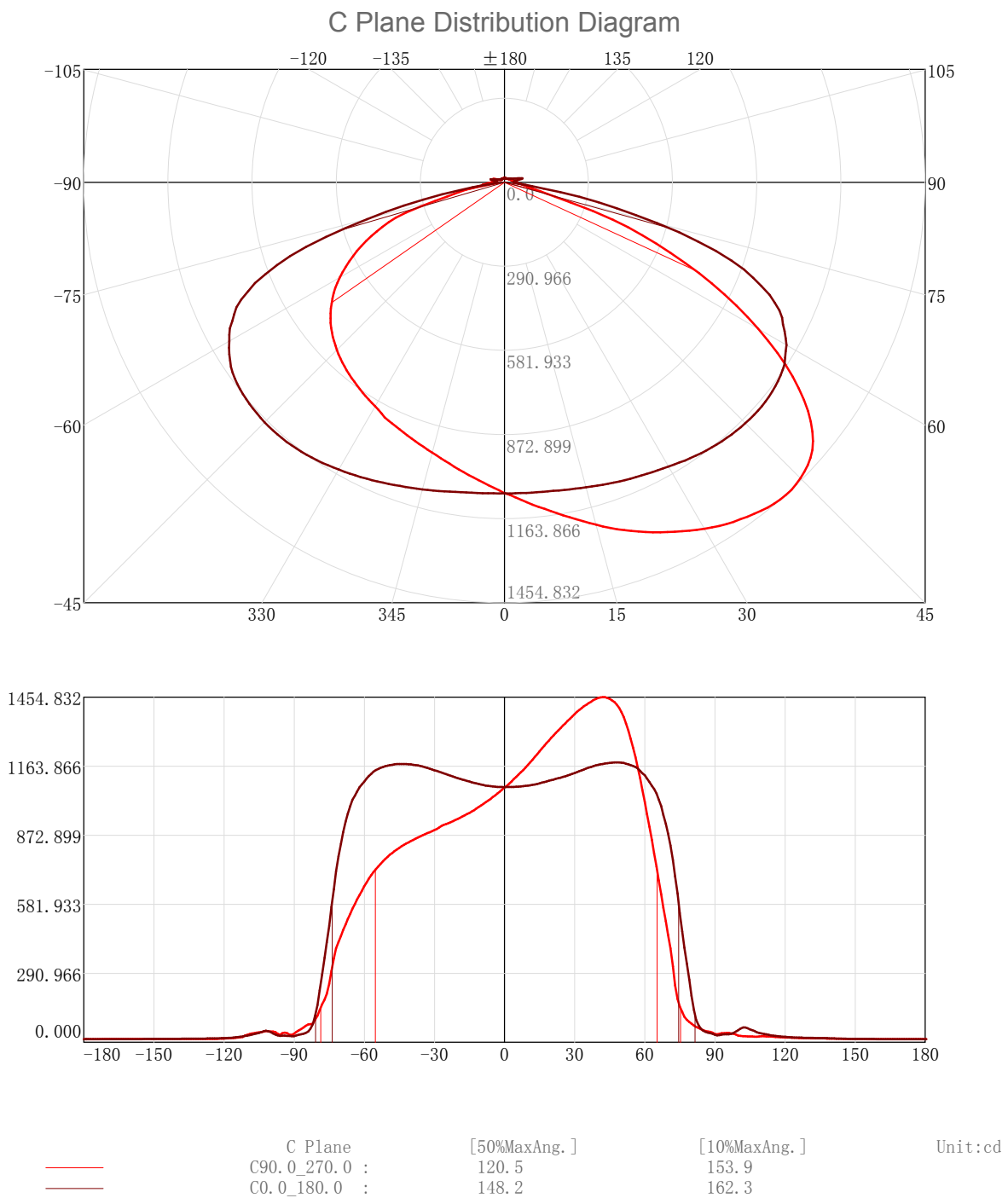
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 5100.000	Luminary Flux(lm): 5072.282	Field Angle(10%Imax): 153.9(°)	
Rated Power(W):	Luminary Efficiency: 99.46%	Down Lumens&Percent: 4906.056lm 96.72%	
Rated Voltage(V):	Luminary EER(lm/W): 169.302	Up Lumens&Percent: 166.227lm 3.28%	
Tested Power(W): 29.960	Max.Candela(cd): 1454.832	S/MH: C0_a180=1.648 C90_270=1.597	
Lamps' Inside: 1	Max Cand@Ang.(°): C=90.0 γ=42.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):226.1, 0.147, 0.901	Beam Angle(50%Imax): 120.5(°)	ErP Φuse(120°): 3576.025lm	
Lamp Size(W*L*H):0.420m*0.420m*0.475m	Left=-55.2°, Right=65.2°	IRF(%): 81.883	



2D Plane Light Intensity Distribution Curve

Lum. Name:LN30HE1H-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:LN30HE1H-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	1.03	1.03	0.02	0.02	47.0-48.0	93.27	2367.19	1.83	46.42
1.0-2.0	3.09	4.12	0.06	0.08	48.0-49.0	94.42	2461.61	1.85	48.27
2.0-3.0	5.15	9.26	0.10	0.18	49.0-50.0	95.45	2557.06	1.87	50.14
3.0-4.0	7.21	16.47	0.14	0.32	50.0-51.0	96.33	2653.39	1.89	52.03
4.0-5.0	9.27	25.74	0.18	0.50	51.0-52.0	97.06	2750.45	1.90	53.93
5.0-6.0	11.33	37.07	0.22	0.73	52.0-53.0	97.63	2848.09	1.91	55.84
6.0-7.0	13.40	50.46	0.26	0.99	53.0-54.0	98.05	2946.14	1.92	57.77
7.0-8.0	15.47	65.93	0.30	1.29	54.0-55.0	98.30	3044.43	1.93	59.69
8.0-9.0	17.54	83.47	0.34	1.64	55.0-56.0	98.37	3142.80	1.93	61.62
9.0-10.0	19.61	103.08	0.38	2.02	56.0-57.0	98.26	3241.06	1.93	63.55
10.0-11.0	21.69	124.77	0.43	2.45	57.0-58.0	97.90	3338.96	1.92	65.47
11.0-12.0	23.78	148.55	0.47	2.91	58.0-59.0	97.30	3436.26	1.91	67.38
12.0-13.0	25.87	174.42	0.51	3.42	59.0-60.0	96.59	3532.84	1.89	69.27
13.0-14.0	27.97	202.39	0.55	3.97	60.0-61.0	95.68	3628.53	1.88	71.15
14.0-15.0	30.07	232.46	0.59	4.56	61.0-62.0	94.49	3723.01	1.85	73.00
15.0-16.0	32.18	264.63	0.63	5.19	62.0-63.0	93.00	3816.02	1.82	74.82
16.0-17.0	34.29	298.92	0.67	5.86	63.0-64.0	91.28	3907.30	1.79	76.61
17.0-18.0	36.40	335.32	0.71	6.57	64.0-65.0	89.31	3996.61	1.75	78.36
18.0-19.0	38.51	373.83	0.76	7.33	65.0-66.0	86.97	4083.58	1.71	80.07
19.0-20.0	40.63	414.46	0.80	8.13	66.0-67.0	84.22	4167.80	1.65	81.72
20.0-21.0	42.74	457.20	0.84	8.96	67.0-68.0	81.07	4248.87	1.59	83.31
21.0-22.0	44.85	502.05	0.88	9.84	68.0-69.0	77.54	4326.41	1.52	84.83
22.0-23.0	46.96	549.02	0.92	10.77	69.0-70.0	73.63	4400.04	1.44	86.28
23.0-24.0	49.07	598.09	0.96	11.73	70.0-71.0	69.28	4469.32	1.36	87.63
24.0-25.0	51.18	649.27	1.00	12.73	71.0-72.0	64.26	4533.58	1.26	88.89
25.0-26.0	53.27	702.54	1.04	13.78	72.0-73.0	58.45	4592.04	1.15	90.04
26.0-27.0	55.36	757.90	1.09	14.86	73.0-74.0	52.21	4644.25	1.02	91.06
27.0-28.0	57.44	815.34	1.13	15.99	74.0-75.0	45.94	4690.19	0.90	91.96
28.0-29.0	59.49	874.83	1.17	17.15	75.0-76.0	39.81	4730.00	0.78	92.75
29.0-30.0	61.54	936.38	1.21	18.36	76.0-77.0	33.95	4763.95	0.67	93.41
30.0-31.0	63.59	999.97	1.25	19.61	77.0-78.0	28.27	4792.22	0.55	93.97
31.0-32.0	65.63	1065.60	1.29	20.89	78.0-79.0	22.69	4814.91	0.44	94.41
32.0-33.0	67.64	1133.24	1.33	22.22	79.0-80.0	17.62	4832.53	0.35	94.76
33.0-34.0	69.63	1202.87	1.37	23.59	80.0-81.0	13.60	4846.13	0.27	95.02
34.0-35.0	71.60	1274.47	1.40	24.99	81.0-82.0	10.72	4856.85	0.21	95.23
35.0-36.0	73.54	1348.00	1.44	26.43	82.0-83.0	8.81	4865.65	0.17	95.40
36.0-37.0	75.45	1423.46	1.48	27.91	83.0-84.0	7.56	4873.21	0.15	95.55
37.0-38.0	77.34	1500.80	1.52	29.43	84.0-85.0	6.70	4879.91	0.13	95.68
38.0-39.0	79.19	1579.99	1.55	30.98	85.0-86.0	6.11	4886.03	0.12	95.80
39.0-40.0	81.00	1660.99	1.59	32.57	86.0-87.0	5.61	4891.64	0.11	95.91
40.0-41.0	82.76	1743.75	1.62	34.19	87.0-88.0	5.21	4896.84	0.10	96.02
41.0-42.0	84.47	1828.22	1.66	35.85	88.0-89.0	4.85	4901.70	0.10	96.11
42.0-43.0	86.12	1914.35	1.69	37.54	89.0-90.0	4.36	4906.06	0.09	96.20
43.0-44.0	87.71	2002.05	1.72	39.26	90.0-91.0	3.90	4909.96	0.08	96.27
44.0-45.0	89.22	2091.27	1.75	41.01	91.0-92.0	3.92	4913.88	0.08	96.35
45.0-46.0	90.65	2181.92	1.78	42.78	92.0-93.0	4.24	4918.13	0.08	96.43
46.0-47.0	92.01	2273.92	1.80	44.59	93.0-94.0	4.40	4922.53	0.09	96.52

IES Indoor Report

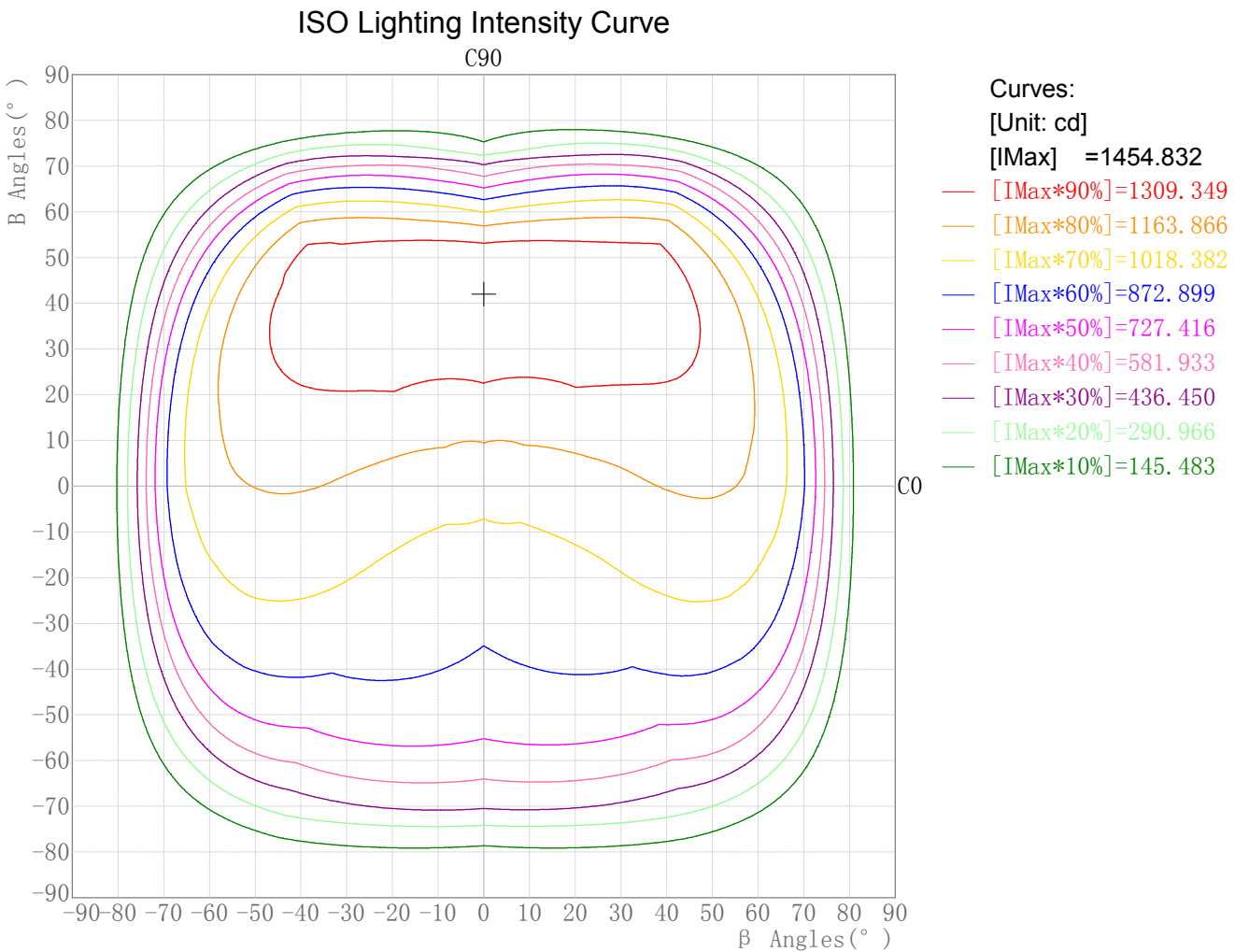
Photometric Filename:LN30HE1H-CM-T4.IES

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	4. 43	4926. 95	0. 09	96. 61	141. 0-142. 0	1. 07	5052. 83	0. 02	99. 08
95. 0-96. 0	4. 51	4931. 46	0. 09	96. 70	142. 0-143. 0	1. 04	5053. 87	0. 02	99. 10
96. 0-97. 0	4. 60	4936. 06	0. 09	96. 79	143. 0-144. 0	1. 00	5054. 88	0. 02	99. 12
97. 0-98. 0	4. 70	4940. 76	0. 09	96. 88	144. 0-145. 0	0. 97	5055. 85	0. 02	99. 13
98. 0-99. 0	4. 84	4945. 60	0. 09	96. 97	145. 0-146. 0	0. 94	5056. 79	0. 02	99. 15
99. 0-100. 0	4. 96	4950. 56	0. 10	97. 07	146. 0-147. 0	0. 91	5057. 70	0. 02	99. 17
100. 0-101. 0	5. 09	4955. 65	0. 10	97. 17	147. 0-148. 0	0. 88	5058. 58	0. 02	99. 19
101. 0-102. 0	5. 21	4960. 86	0. 10	97. 27	148. 0-149. 0	0. 85	5059. 43	0. 02	99. 20
102. 0-103. 0	5. 23	4966. 09	0. 10	97. 37	149. 0-150. 0	0. 82	5060. 25	0. 02	99. 22
103. 0-104. 0	5. 06	4971. 15	0. 10	97. 47	150. 0-151. 0	0. 79	5061. 04	0. 02	99. 24
104. 0-105. 0	4. 79	4975. 94	0. 09	97. 57	151. 0-152. 0	0. 77	5061. 81	0. 02	99. 25
105. 0-106. 0	4. 50	4980. 44	0. 09	97. 66	152. 0-153. 0	0. 74	5062. 55	0. 01	99. 27
106. 0-107. 0	4. 22	4984. 66	0. 08	97. 74	153. 0-154. 0	0. 71	5063. 26	0. 01	99. 28
107. 0-108. 0	3. 95	4988. 61	0. 08	97. 82	154. 0-155. 0	0. 68	5063. 95	0. 01	99. 29
108. 0-109. 0	3. 69	4992. 30	0. 07	97. 89	155. 0-156. 0	0. 66	5064. 60	0. 01	99. 31
109. 0-110. 0	3. 46	4995. 76	0. 07	97. 96	156. 0-157. 0	0. 63	5065. 23	0. 01	99. 32
110. 0-111. 0	3. 24	4999. 00	0. 06	98. 02	157. 0-158. 0	0. 60	5065. 84	0. 01	99. 33
111. 0-112. 0	3. 01	5002. 01	0. 06	98. 08	158. 0-159. 0	0. 58	5066. 41	0. 01	99. 34
112. 0-113. 0	2. 80	5004. 81	0. 05	98. 13	159. 0-160. 0	0. 55	5066. 96	0. 01	99. 35
113. 0-114. 0	2. 65	5007. 47	0. 05	98. 19	160. 0-161. 0	0. 52	5067. 48	0. 01	99. 36
114. 0-115. 0	2. 51	5009. 97	0. 05	98. 23	161. 0-162. 0	0. 49	5067. 98	0. 01	99. 37
115. 0-116. 0	2. 37	5012. 34	0. 05	98. 28	162. 0-163. 0	0. 47	5068. 44	0. 01	99. 38
116. 0-117. 0	2. 26	5014. 61	0. 04	98. 33	163. 0-164. 0	0. 44	5068. 88	0. 01	99. 39
117. 0-118. 0	2. 16	5016. 77	0. 04	98. 37	164. 0-165. 0	0. 41	5069. 29	0. 01	99. 40
118. 0-119. 0	2. 07	5018. 84	0. 04	98. 41	165. 0-166. 0	0. 39	5069. 68	0. 01	99. 41
119. 0-120. 0	1. 99	5020. 83	0. 04	98. 45	166. 0-167. 0	0. 36	5070. 04	0. 01	99. 41
120. 0-121. 0	1. 92	5022. 75	0. 04	98. 49	167. 0-168. 0	0. 33	5070. 37	0. 01	99. 42
121. 0-122. 0	1. 86	5024. 61	0. 04	98. 52	168. 0-169. 0	0. 31	5070. 67	0. 01	99. 42
122. 0-123. 0	1. 80	5026. 41	0. 04	98. 56	169. 0-170. 0	0. 28	5070. 95	0. 01	99. 43
123. 0-124. 0	1. 74	5028. 15	0. 03	98. 59	170. 0-171. 0	0. 25	5071. 20	0. 00	99. 44
124. 0-125. 0	1. 69	5029. 84	0. 03	98. 62	171. 0-172. 0	0. 23	5071. 43	0. 00	99. 44
125. 0-126. 0	1. 65	5031. 49	0. 03	98. 66	172. 0-173. 0	0. 20	5071. 63	0. 00	99. 44
126. 0-127. 0	1. 61	5033. 09	0. 03	98. 69	173. 0-174. 0	0. 17	5071. 80	0. 00	99. 45
127. 0-128. 0	1. 56	5034. 66	0. 03	98. 72	174. 0-175. 0	0. 15	5071. 95	0. 00	99. 45
128. 0-129. 0	1. 52	5036. 18	0. 03	98. 75	175. 0-176. 0	0. 12	5072. 07	0. 00	99. 45
129. 0-130. 0	1. 48	5037. 67	0. 03	98. 78	176. 0-177. 0	0. 09	5072. 16	0. 00	99. 45
130. 0-131. 0	1. 45	5039. 12	0. 03	98. 81	177. 0-178. 0	0. 07	5072. 23	0. 00	99. 46
131. 0-132. 0	1. 41	5040. 53	0. 03	98. 83	178. 0-179. 0	0. 04	5072. 27	0. 00	99. 46
132. 0-133. 0	1. 38	5041. 91	0. 03	98. 86	179. 0-180. 0	0. 01	5072. 28	0. 00	99. 46
133. 0-134. 0	1. 35	5043. 26	0. 03	98. 89					
134. 0-135. 0	1. 31	5044. 57	0. 03	98. 91					
135. 0-136. 0	1. 28	5045. 85	0. 03	98. 94					
136. 0-137. 0	1. 25	5047. 10	0. 02	98. 96					
137. 0-138. 0	1. 22	5048. 32	0. 02	98. 99					
138. 0-139. 0	1. 18	5049. 50	0. 02	99. 01					
139. 0-140. 0	1. 15	5050. 65	0. 02	99. 03					
140. 0-141. 0	1. 11	5051. 76	0. 02	99. 05					

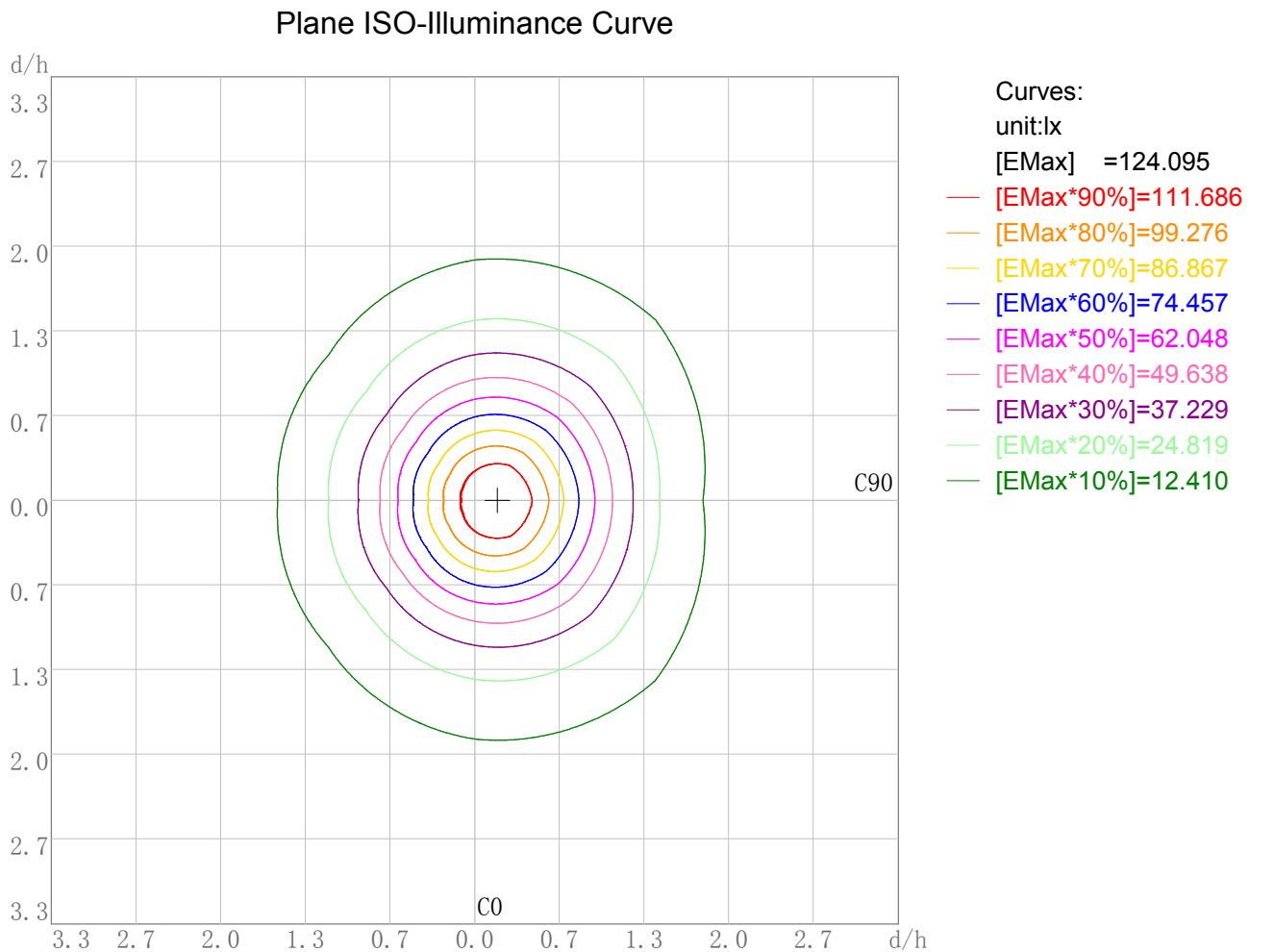
Rectangle ISO Lighting Intensity Diagram

Lum. Name: LN30HE1H-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



Plane ISO-Illuminance Diagram

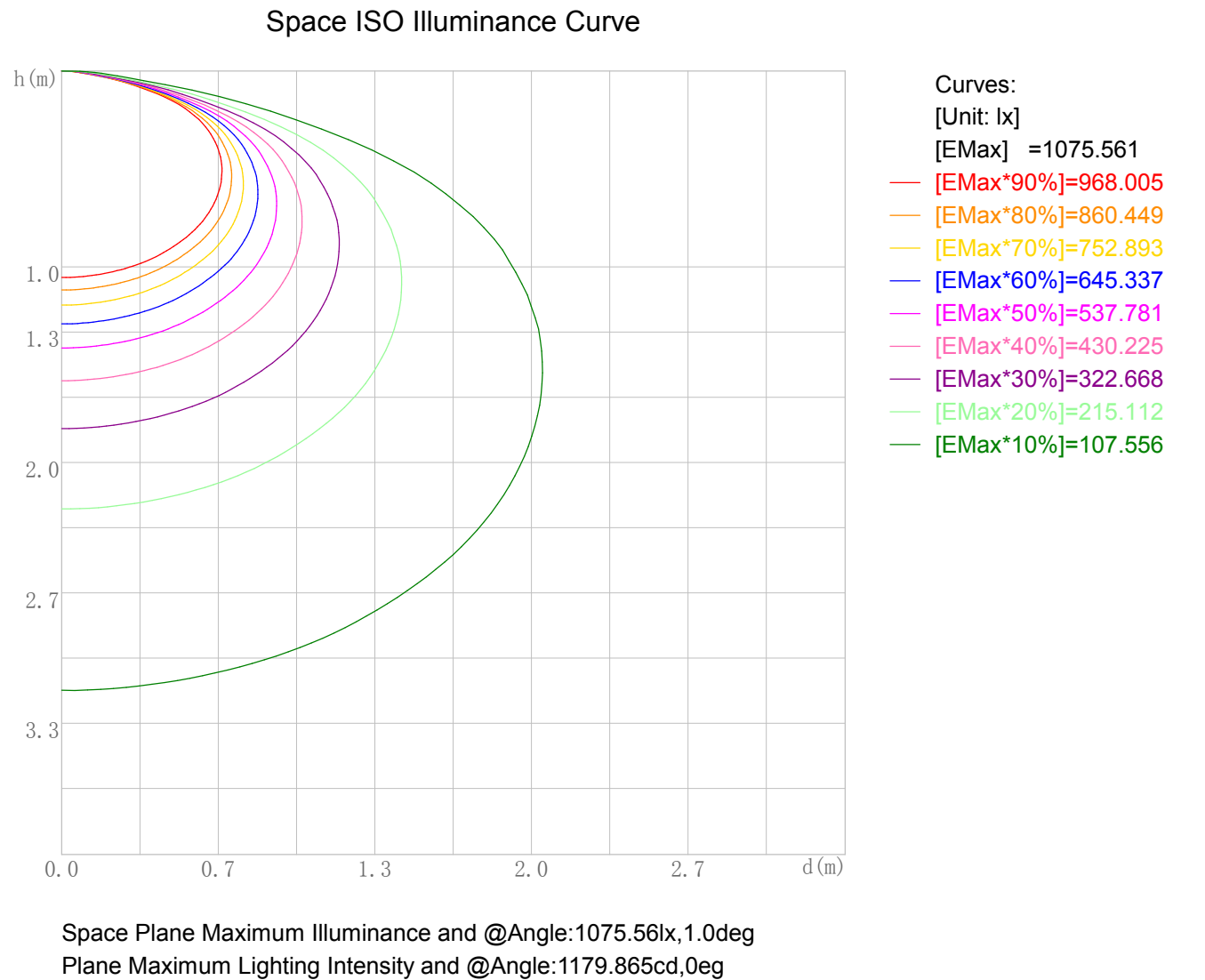
Lum. Name: LN30HE1H-CM-T4	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/11/04



Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 124.10  
Working Plane Maximum Illuminance Position(d/h):H0.2 V0.0

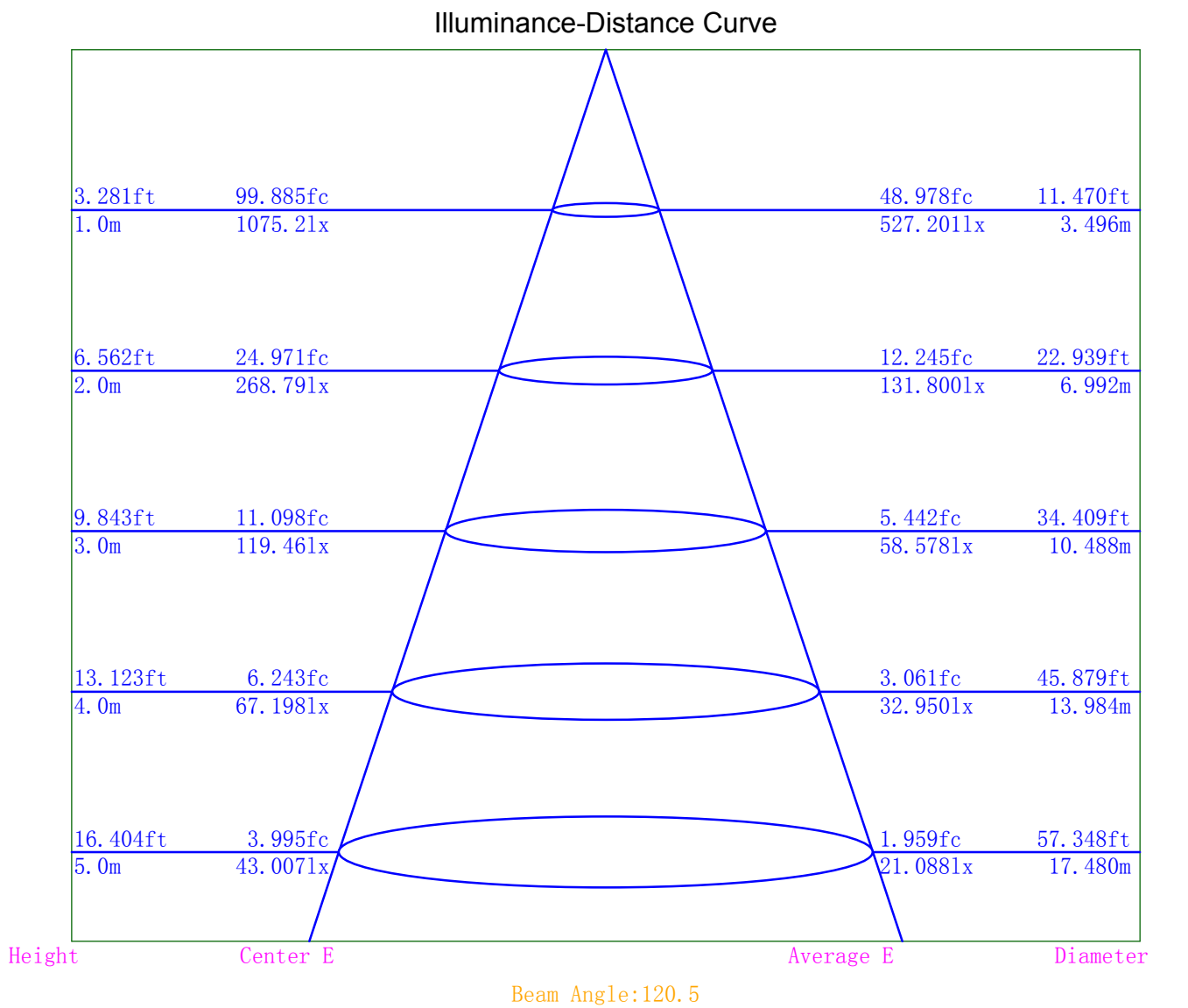
Space ISO Illuminance Diagram

Lum. Name: LN30HE1H-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: LN30HE1H-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: LN30HE1H-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

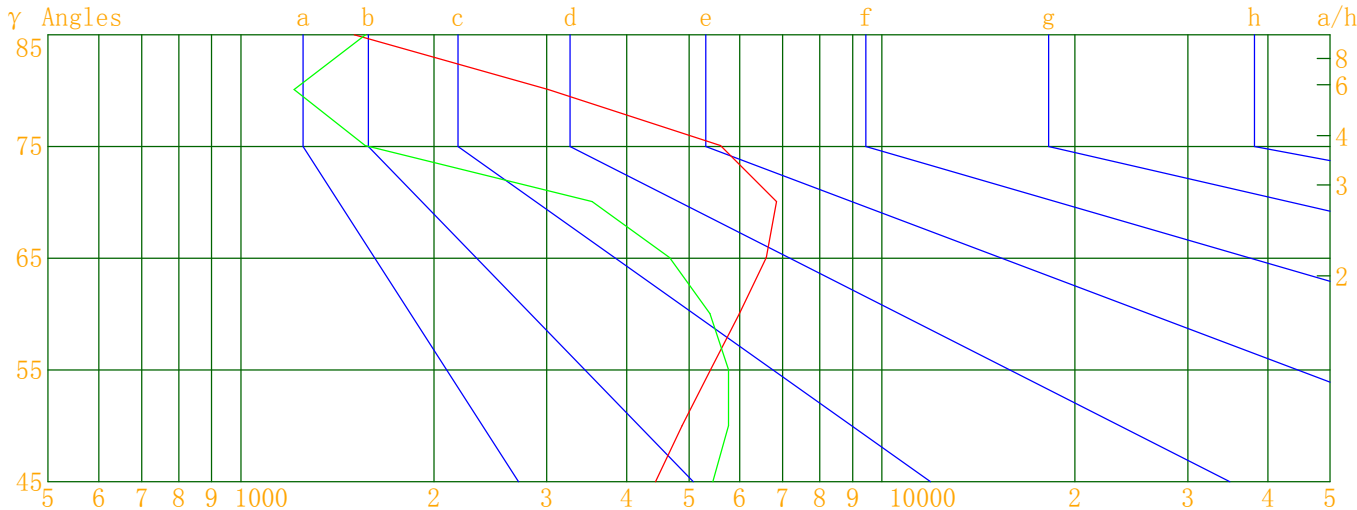
Glare Grade Table

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	4432	4878	5402	5990	6601	6850	5602	3015	1503
C90	5445	5765	5762	5389	4666	3532	1563	1210	1564

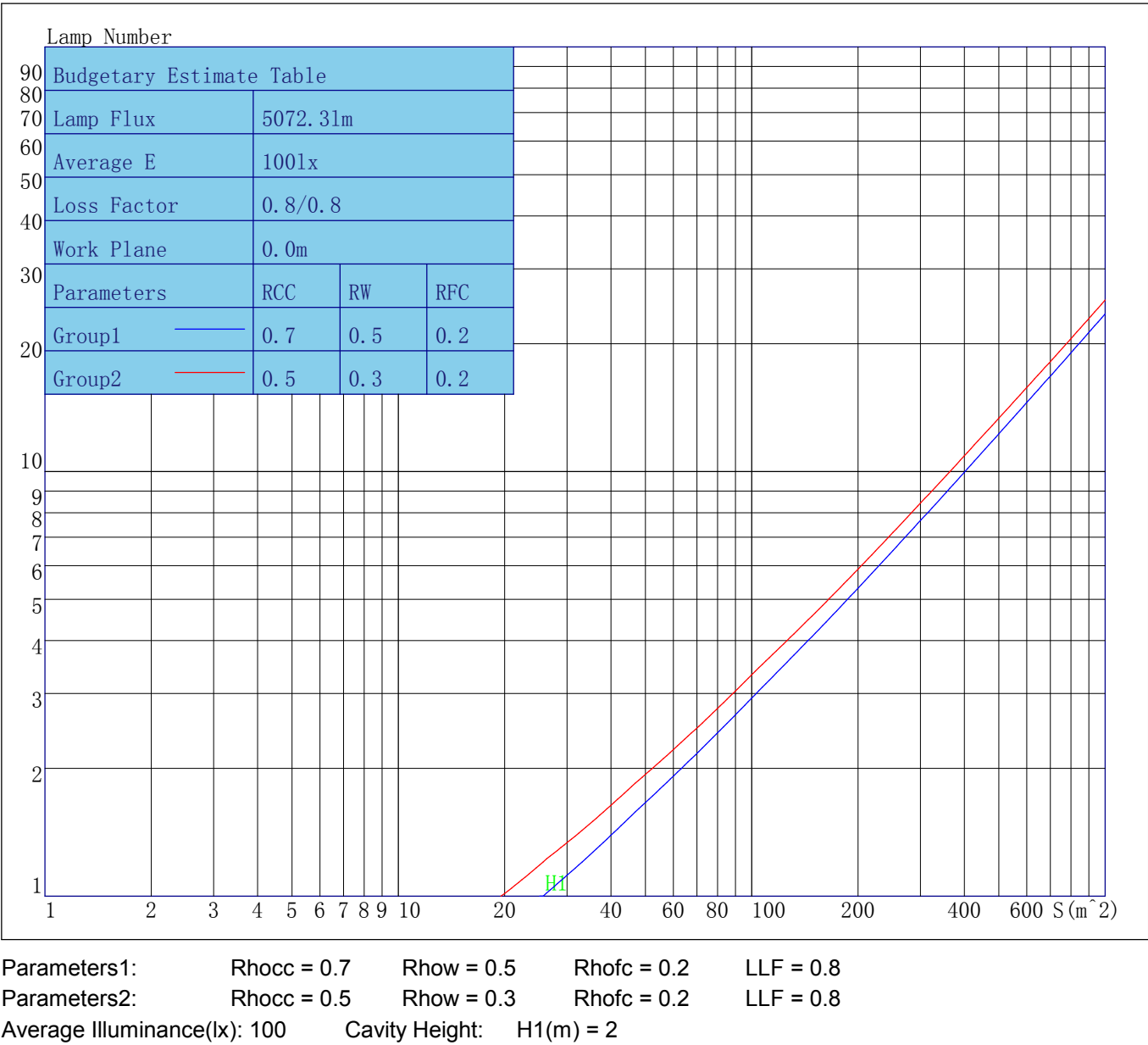
Luminance Limiting Curve



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: LN30HE1H-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: LN30HE1H-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	103	103	103	98	98	98	96
1	106	101	97	92	103	99	94	91	94	90	87	89	87	84	85	83	81	78
2	96	87	79	73	93	84	78	72	80	75	70	76	72	67	73	69	65	63
3	86	75	66	59	83	73	65	58	69	62	56	66	60	55	63	58	54	51
4	78	65	55	48	75	63	55	48	60	53	47	58	51	46	55	49	45	42
5	71	57	48	40	69	56	47	40	53	45	39	51	44	38	49	43	38	35
6	65	51	41	34	63	50	41	34	47	39	34	45	38	33	44	37	32	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	40	32	26	39	31	25	37	30	25	36	29	25	23
9	52	38	29	23	50	37	29	23	35	28	23	34	27	22	33	27	22	20
10	48	34	26	21	47	34	26	20	32	25	20	31	25	20	30	24	20	18

Unified Glare Rating Table

Lum. Name: LN30HE1H-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	19.0	20.7	19.4	21.1	21.4	19.5	21.2	19.9	21.6	22.0
	21.5	23.0	21.9	23.4	23.9	20.9	22.4	21.3	22.8	23.2
	22.3	23.7	22.8	24.2	24.6	21.1	22.5	21.5	22.9	23.4
	22.6	24.0	23.1	24.4	24.8	21.1	22.4	21.6	22.8	23.3
	22.6	23.9	23.1	24.4	24.8	21.1	22.4	21.6	22.8	23.3
	22.6	23.9	23.1	24.3	24.8	21.1	22.3	21.6	22.8	23.3
X=4H    Y=2H	20.0	21.4	20.4	21.8	22.3	20.7	22.2	21.2	22.6	23.0
	22.6	23.8	23.0	24.2	24.7	22.3	23.5	22.8	24.0	24.4
	23.4	24.5	23.9	25.0	25.5	22.6	23.7	23.1	24.1	24.7
	23.8	24.7	24.3	25.2	25.8	22.7	23.6	23.2	24.1	24.6
	23.8	24.7	24.3	25.2	25.7	22.7	23.5	23.2	24.0	24.6
	23.8	24.6	24.4	25.2	25.7	22.7	23.5	23.2	24.0	24.5
X=8H    Y=4H	23.7	24.5	24.2	25.0	25.6	23.0	23.9	23.5	24.4	24.9
	24.1	24.8	24.6	25.3	26.0	23.1	23.8	23.6	24.3	25.0
	24.1	24.7	24.7	25.3	25.9	23.1	23.7	23.7	24.3	24.9
	24.1	24.7	24.7	25.2	25.9	23.2	23.7	23.7	24.2	24.9
X=12H    Y=4H	23.7	24.4	24.2	25.0	25.5	23.0	23.8	23.5	24.3	24.9
	24.1	24.7	24.6	25.2	25.8	23.1	23.7	23.7	24.3	24.9
	24.1	24.7	24.7	25.2	25.9	23.1	23.7	23.7	24.2	24.9
Variations with the objerver position at spacings										
S=1.0H	1.0/-1.2					1.0/-1.1				
S=1.5H	1.7/-2.2					2.3/-2.7				
S=2.0H	1.4/-2.5					2.7/-4.4				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.8					2.1				

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	1075. 17	1075. 17	1075. 17	1075. 17	1075. 17	1075. 17	1075. 17	1075. 17
γ 1. 0	1076. 05	1081. 05	1081. 34	1082. 13	1076. 14	1069. 15	1064. 67	1069. 89
γ 2. 0	1076. 13	1087. 47	1090. 41	1088. 67	1076. 33	1063. 53	1056. 74	1064. 16
γ 3. 0	1076. 27	1094. 06	1099. 93	1095. 50	1076. 79	1058. 00	1049. 03	1058. 54
γ 4. 0	1076. 64	1100. 86	1109. 57	1102. 44	1077. 48	1052. 65	1041. 27	1053. 25
γ 5. 0	1077. 15	1107. 78	1119. 03	1109. 61	1078. 35	1047. 56	1033. 75	1048. 00
γ 6. 0	1077. 70	1114. 88	1128. 34	1116. 83	1079. 36	1042. 71	1026. 28	1042. 76
γ 7. 0	1078. 42	1122. 00	1138. 05	1124. 26	1080. 74	1038. 02	1019. 28	1037. 75
γ 8. 0	1079. 45	1129. 14	1148. 05	1131. 69	1082. 38	1033. 45	1012. 44	1032. 74
γ 9. 0	1080. 57	1136. 47	1158. 54	1139. 47	1084. 36	1029. 17	1005. 59	1027. 95
γ 10. 0	1081. 91	1143. 93	1169. 35	1147. 55	1086. 50	1025. 10	998. 75	1023. 32
γ 11. 0	1083. 54	1151. 61	1180. 33	1155. 91	1088. 80	1021. 24	991. 98	1019. 03
γ 12. 0	1085. 39	1159. 47	1191. 40	1164. 49	1091. 26	1017. 53	985. 42	1014. 95
γ 13. 0	1087. 34	1167. 53	1202. 81	1173. 35	1093. 82	1014. 10	979. 20	1011. 14
γ 14. 0	1089. 51	1175. 86	1214. 33	1182. 32	1096. 42	1010. 80	973. 35	1007. 59
γ 15. 0	1091. 88	1184. 42	1226. 13	1191. 23	1099. 08	1007. 57	967. 54	1004. 03
γ 16. 0	1094. 48	1193. 15	1238. 12	1200. 12	1101. 86	1004. 48	962. 18	1000. 52
γ 17. 0	1097. 09	1202. 02	1249. 81	1209. 15	1104. 68	1001. 48	957. 09	997. 01
γ 18. 0	1099. 78	1211. 06	1261. 28	1218. 33	1107. 55	998. 67	951. 99	993. 74
γ 19. 0	1102. 51	1220. 15	1272. 33	1227. 62	1110. 60	996. 02	946. 95	990. 39
γ 20. 0	1105. 16	1229. 19	1283. 08	1237. 06	1113. 77	993. 60	941. 97	987. 04
γ 21. 0	1107. 95	1238. 30	1293. 70	1246. 49	1117. 12	991. 23	937. 20	983. 85
γ 22. 0	1110. 67	1247. 48	1304. 07	1255. 65	1120. 49	989. 02	932. 41	980. 88
γ 23. 0	1113. 35	1256. 56	1314. 43	1264. 68	1123. 83	986. 71	927. 86	977. 96
γ 24. 0	1116. 01	1265. 62	1324. 69	1273. 62	1127. 23	984. 45	923. 58	975. 09
γ 25. 0	1118. 71	1274. 48	1334. 72	1282. 40	1130. 69	982. 24	919. 84	972. 23
γ 26. 0	1121. 63	1283. 08	1344. 46	1291. 04	1133. 94	980. 03	916. 40	969. 44
γ 27. 0	1124. 78	1291. 35	1354. 30	1299. 78	1137. 20	977. 83	911. 94	966. 50
γ 28. 0	1127. 98	1299. 42	1364. 14	1308. 20	1140. 50	975. 67	905. 51	963. 55
γ 29. 0	1131. 44	1307. 39	1373. 61	1316. 52	1143. 76	973. 57	899. 31	960. 85
γ 30. 0	1135. 00	1315. 36	1383. 17	1324. 67	1147. 06	971. 41	894. 32	958. 13
γ 31. 0	1138. 81	1323. 21	1392. 50	1332. 47	1150. 33	969. 14	890. 07	955. 47
γ 32. 0	1142. 72	1330. 58	1401. 16	1340. 31	1153. 55	966. 88	885. 83	952. 78
γ 33. 0	1146. 69	1337. 83	1409. 20	1348. 06	1156. 72	964. 38	881. 54	950. 13
γ 34. 0	1150. 55	1344. 72	1416. 32	1355. 81	1159. 61	961. 74	877. 08	947. 42
γ 35. 0	1154. 16	1351. 44	1422. 58	1363. 55	1162. 27	958. 75	872. 53	944. 62
γ 36. 0	1157. 68	1358. 23	1429. 02	1371. 10	1164. 69	955. 64	867. 98	941. 79
γ 37. 0	1160. 92	1365. 02	1435. 59	1378. 52	1166. 86	952. 42	863. 43	938. 65
γ 38. 0	1163. 86	1371. 86	1441. 77	1385. 85	1168. 65	949. 15	858. 80	935. 11
γ 39. 0	1166. 75	1378. 64	1447. 00	1392. 83	1170. 16	945. 43	853. 87	931. 45
γ 40. 0	1169. 20	1385. 41	1450. 88	1399. 65	1171. 41	941. 35	848. 72	927. 66
γ 41. 0	1171. 38	1392. 04	1453. 53	1406. 07	1172. 38	936. 85	843. 41	923. 40
γ 42. 0	1173. 39	1398. 54	1454. 83	1411. 93	1173. 19	932. 00	838. 09	918. 83
γ 43. 0	1175. 23	1404. 75	1454. 31	1417. 61	1173. 56	926. 91	832. 57	913. 67
γ 44. 0	1176. 72	1410. 62	1451. 93	1422. 83	1173. 64	921. 52	826. 39	908. 26
γ 45. 0	1177. 95	1415. 92	1447. 40	1427. 32	1173. 29	915. 61	819. 64	902. 66
γ 46. 0	1179. 02	1420. 46	1441. 59	1431. 38	1172. 53	909. 20	812. 71	896. 72

**IES Indoor Report**  
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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	1179. 71	1424. 39	1434. 18	1434. 47	1171. 39	902. 43	805. 67	890. 38
γ 48. 0	1179. 86	1427. 17	1424. 02	1436. 77	1169. 78	895. 12	798. 59	883. 54
γ 49. 0	1179. 59	1428. 67	1410. 42	1438. 43	1168. 03	887. 45	790. 74	875. 95
γ 50. 0	1178. 71	1429. 38	1392. 85	1438. 50	1165. 87	879. 25	782. 36	867. 76
γ 51. 0	1177. 19	1429. 03	1370. 78	1437. 56	1163. 38	870. 36	773. 25	858. 96
γ 52. 0	1174. 79	1427. 42	1344. 30	1434. 90	1160. 41	860. 73	763. 15	849. 43
γ 53. 0	1172. 09	1424. 03	1313. 93	1430. 65	1156. 97	850. 73	752. 70	839. 41
γ 54. 0	1168. 78	1418. 95	1279. 97	1424. 67	1152. 90	839. 91	741. 76	828. 80
γ 55. 0	1164. 81	1412. 54	1242. 43	1416. 84	1147. 88	828. 42	730. 03	817. 72
γ 56. 0	1160. 18	1404. 29	1202. 24	1407. 40	1140. 98	816. 04	717. 81	806. 02
γ 57. 0	1155. 01	1393. 86	1159. 27	1396. 42	1131. 39	803. 02	704. 65	793. 43
γ 58. 0	1144. 55	1381. 55	1113. 22	1378. 21	1122. 40	789. 46	690. 17	779. 53
γ 59. 0	1134. 40	1367. 31	1064. 17	1359. 55	1111. 58	774. 84	674. 49	764. 39
γ 60. 0	1125. 77	1350. 34	1012. 90	1352. 70	1098. 55	759. 04	657. 61	748. 17
γ 61. 0	1111. 57	1330. 81	961. 33	1330. 75	1087. 83	742. 27	639. 79	730. 64
γ 62. 0	1096. 65	1307. 48	908. 49	1305. 55	1075. 84	724. 22	621. 43	712. 18
γ 63. 0	1081. 03	1280. 19	853. 03	1276. 08	1056. 77	704. 52	602. 70	692. 08
γ 64. 0	1068. 73	1249. 50	797. 55	1241. 76	1039. 57	683. 91	583. 23	671. 24
γ 65. 0	1048. 69	1214. 85	741. 18	1200. 31	1022. 89	661. 99	563. 20	649. 18
γ 66. 0	1023. 01	1175. 71	683. 59	1157. 21	996. 04	638. 61	541. 82	626. 52
γ 67. 0	995. 57	1130. 16	624. 69	1107. 46	963. 39	613. 64	519. 95	601. 44
γ 68. 0	958. 33	1078. 57	566. 82	1053. 01	930. 83	587. 04	497. 38	574. 30
γ 69. 0	921. 29	1022. 29	510. 44	995. 13	885. 02	559. 15	473. 35	546. 65
γ 70. 0	880. 73	956. 45	454. 04	931. 36	836. 69	529. 91	448. 65	518. 50
γ 71. 0	830. 88	885. 04	396. 63	861. 80	784. 24	497. 22	423. 60	487. 60
γ 72. 0	767. 88	810. 04	321. 37	782. 52	720. 81	463. 99	396. 49	457. 21
γ 73. 0	699. 53	725. 99	240. 04	700. 59	645. 51	431. 26	354. 48	424. 83
γ 74. 0	628. 46	640. 96	182. 85	613. 26	570. 35	397. 61	300. 13	389. 03
γ 75. 0	544. 98	555. 64	152. 05	522. 36	491. 38	362. 73	247. 80	356. 34
γ 76. 0	468. 15	462. 71	128. 51	431. 54	422. 05	326. 37	204. 41	322. 71
γ 77. 0	398. 56	368. 46	108. 29	338. 68	356. 18	291. 58	179. 99	286. 57
γ 78. 0	332. 44	272. 52	95. 45	248. 11	285. 83	251. 61	161. 57	248. 68
γ 79. 0	264. 17	188. 19	86. 77	170. 44	220. 03	209. 00	135. 62	207. 79
γ 80. 0	196. 78	129. 66	79. 01	120. 67	157. 92	168. 21	112. 23	168. 30
γ 81. 0	136. 69	97. 03	71. 85	93. 01	111. 50	135. 60	95. 40	138. 06
γ 82. 0	95. 84	80. 89	65. 41	77. 28	77. 47	112. 00	79. 88	112. 95
γ 83. 0	72. 88	71. 93	60. 81	67. 10	57. 43	92. 55	76. 80	94. 71
γ 84. 0	58. 53	65. 06	56. 13	59. 76	45. 85	76. 62	75. 45	78. 35
γ 85. 0	49. 23	59. 43	51. 26	53. 79	40. 03	65. 43	70. 45	77. 32
γ 86. 0	44. 33	55. 06	47. 96	49. 24	36. 69	61. 90	63. 26	69. 17
γ 87. 0	40. 93	51. 67	46. 04	46. 33	34. 28	56. 35	56. 71	60. 15
γ 88. 0	38. 54	49. 11	44. 56	44. 27	32. 44	53. 02	50. 27	55. 83
γ 89. 0	36. 53	46. 54	41. 21	42. 23	29. 72	48. 55	44. 90	50. 60
γ 90. 0	32. 76	39. 54	35. 13	36. 64	26. 06	43. 81	37. 01	44. 72
γ 91. 0	30. 16	39. 30	34. 19	35. 96	26. 34	35. 65	31. 86	40. 43
γ 92. 0	31. 41	43. 83	36. 92	39. 85	27. 29	40. 52	32. 85	46. 24
γ 93. 0	33. 22	45. 19	38. 80	41. 16	28. 04	45. 11	39. 13	50. 23

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

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### Candela Tabulation - (Cont.)

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