

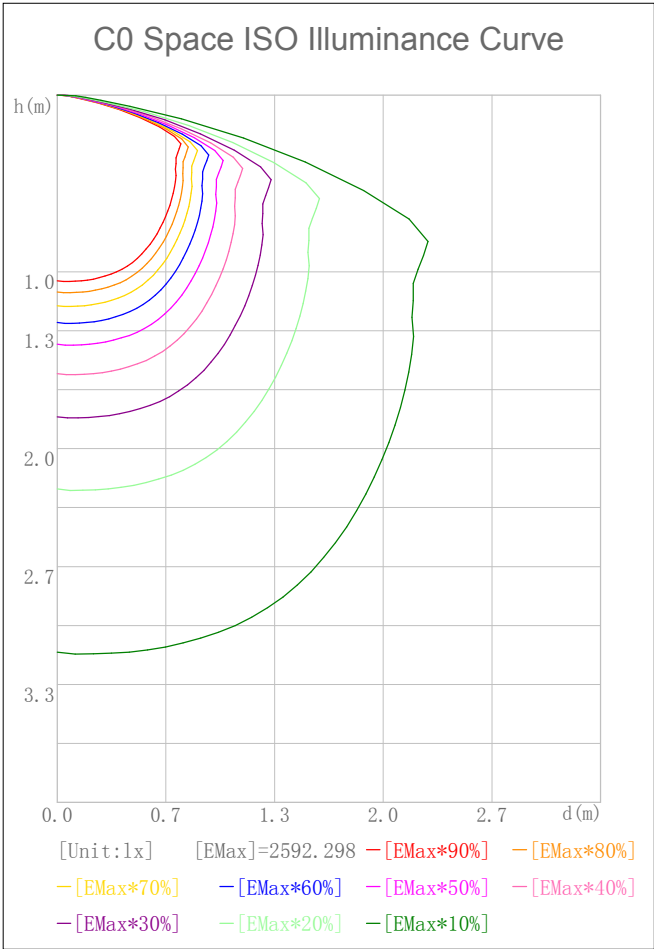
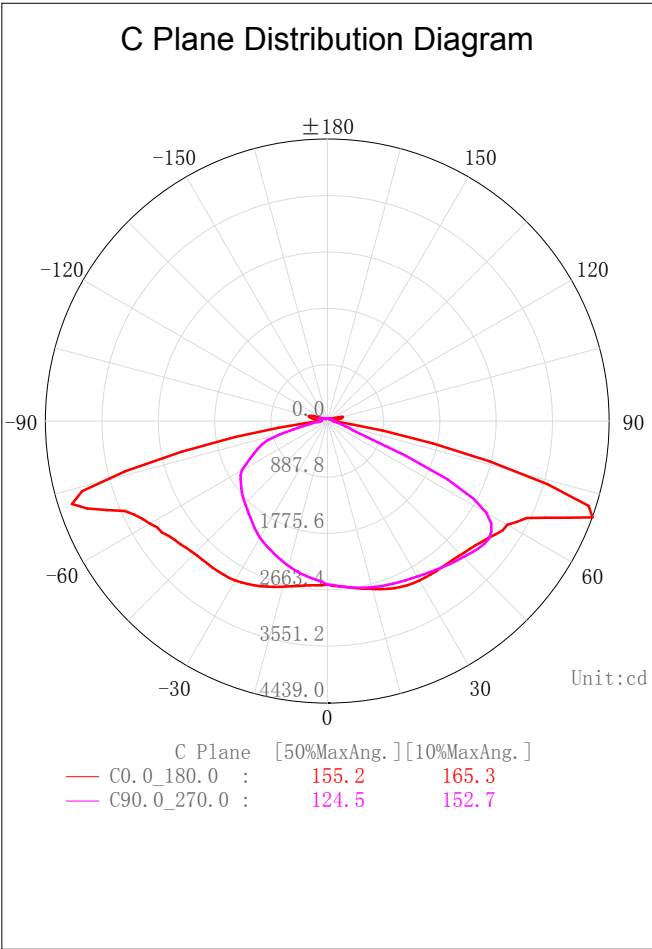
Indoor Luminaire Photometric Data

Description Information

Luminary Name: LN90HE1H-CM-T3		Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:		Lamp Catalog: SMD2835	Test Date: 2021/10/22
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=2.0	Temp. (°C): 25	Humidity(%): 50.0

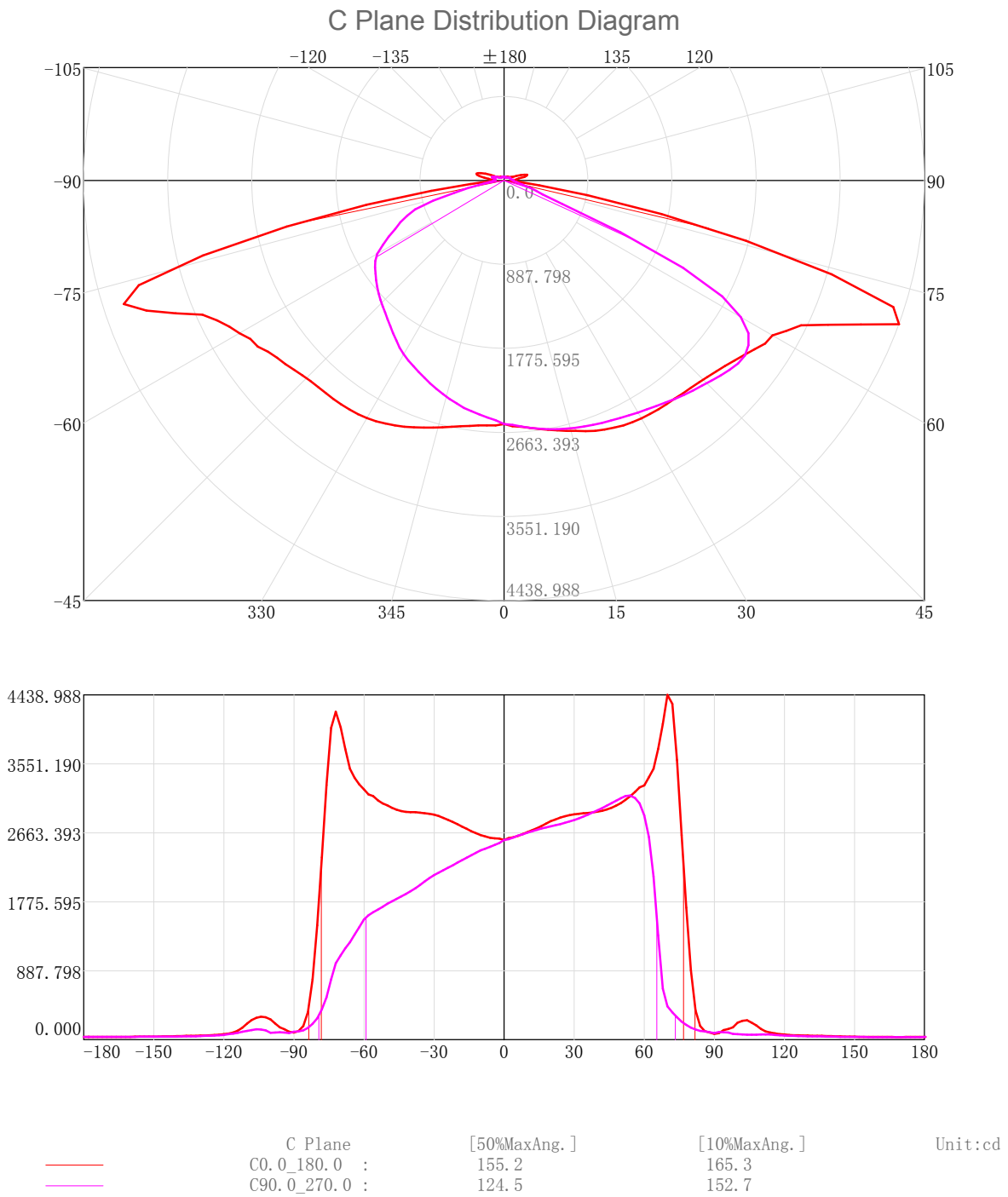
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm):	13100.000	Luminary Flux(lm):	13065.434
Rated Power(W):		Luminary Efficiency:	99.74%
Rated Voltage(V):		Luminary EER(lm/W):	143.908
Tested Power(W):	90.790	Max. Candela(cd):	4438.988
Lamps' Inside:	1	Max Cand@Ang. (°):	C=0.0 γ=70.0
Tested Electrics(V, A, pf):	226.0, 0.409, 0.981	Beam Angle(50%Imax):	155.2(°)
Lamp Size(W*L*H):0.420m*0.420m*0.475m		Left=-78.3°, Right=76.9°	IRF(%): 79.394



2D Plane Light Intensity Distribution Curve

Lum. Name: LN90HE1H-CM-T3	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22



IES Indoor Report

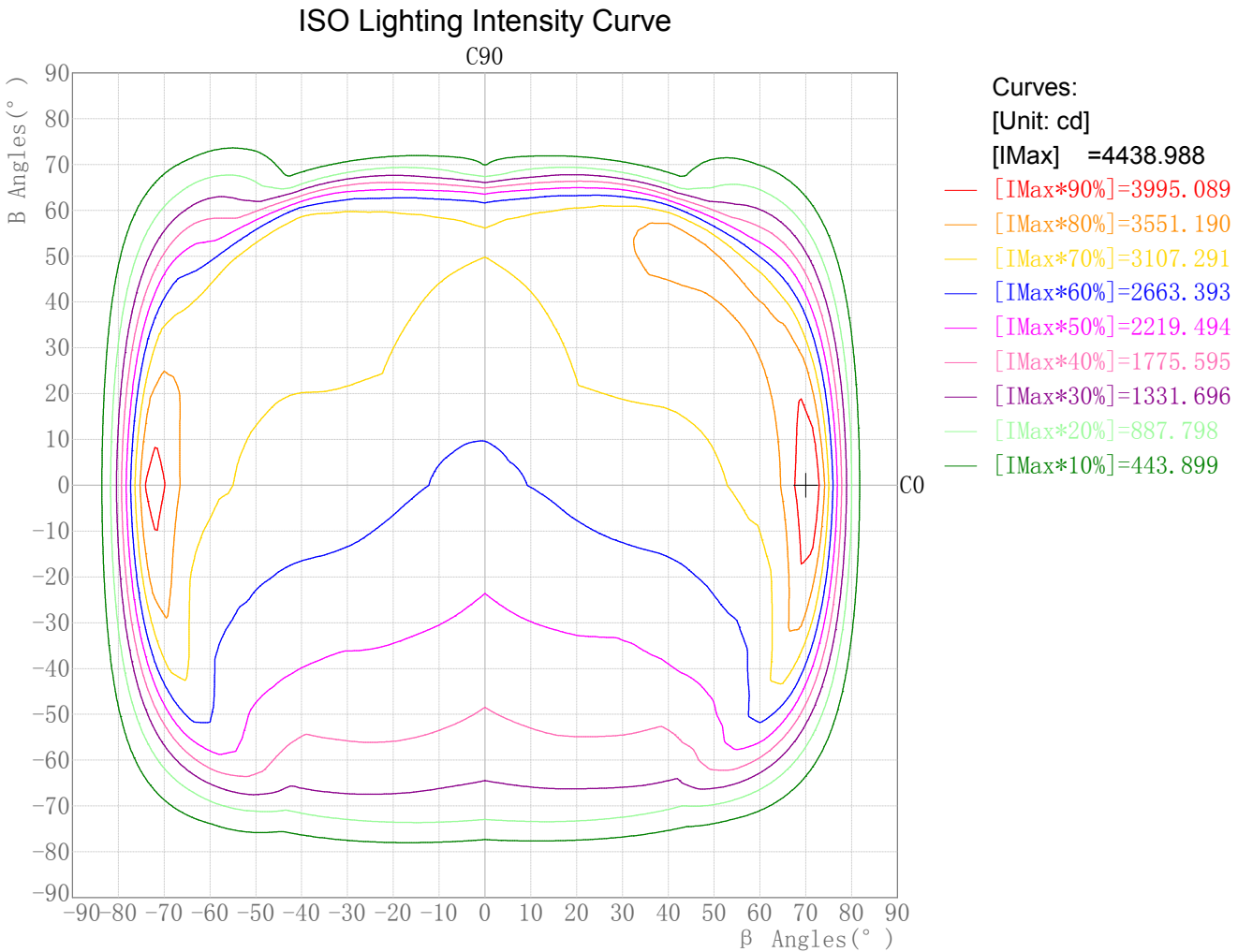
Photometric Filename:LN90HE1H-CM-T3.IES

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. 0-2. 0	9. 84	9. 84	0. 08	0. 08	94. 0-96. 0	24. 97	12631. 72	0. 19	96. 43
2. 0-4. 0	29. 52	39. 36	0. 23	0. 30	96. 0-98. 0	25. 50	12657. 22	0. 19	96. 62
4. 0-6. 0	49. 24	88. 60	0. 38	0. 68	98. 0-100. 0	27. 07	12684. 28	0. 21	96. 83
6. 0-8. 0	69. 04	157. 64	0. 53	1. 20	100. 0-102. 0	29. 30	12713. 58	0. 22	97. 05
8. 0-10. 0	88. 93	246. 58	0. 68	1. 88	102. 0-104. 0	30. 94	12744. 52	0. 24	97. 29
10. 0-12. 0	108. 91	355. 48	0. 83	2. 71	104. 0-106. 0	31. 15	12775. 67	0. 24	97. 52
12. 0-14. 0	128. 95	484. 44	0. 98	3. 70	106. 0-108. 0	29. 77	12805. 44	0. 23	97. 75
14. 0-16. 0	149. 09	633. 53	1. 14	4. 84	108. 0-110. 0	26. 90	12832. 34	0. 21	97. 96
16. 0-18. 0	169. 31	802. 84	1. 29	6. 13	110. 0-112. 0	22. 93	12855. 26	0. 18	98. 13
18. 0-20. 0	189. 52	992. 37	1. 45	7. 58	112. 0-114. 0	19. 29	12874. 55	0. 15	98. 28
20. 0-22. 0	209. 64	1202. 01	1. 60	9. 18	114. 0-116. 0	16. 55	12891. 10	0. 13	98. 41
22. 0-24. 0	229. 61	1431. 62	1. 75	10. 93	116. 0-118. 0	14. 51	12905. 61	0. 11	98. 52
24. 0-26. 0	249. 44	1681. 06	1. 90	12. 83	118. 0-120. 0	12. 89	12918. 50	0. 10	98. 61
26. 0-28. 0	269. 09	1950. 15	2. 05	14. 89	120. 0-122. 0	11. 70	12930. 20	0. 09	98. 70
28. 0-30. 0	288. 41	2238. 56	2. 20	17. 09	122. 0-124. 0	10. 78	12940. 98	0. 08	98. 79
30. 0-32. 0	307. 22	2545. 79	2. 35	19. 43	124. 0-126. 0	10. 01	12950. 99	0. 08	98. 86
32. 0-34. 0	325. 46	2871. 25	2. 48	21. 92	126. 0-128. 0	9. 34	12960. 34	0. 07	98. 93
34. 0-36. 0	343. 15	3214. 40	2. 62	24. 54	128. 0-130. 0	8. 74	12969. 08	0. 07	99. 00
36. 0-38. 0	360. 32	3574. 72	2. 75	27. 29	130. 0-132. 0	8. 23	12977. 31	0. 06	99. 06
38. 0-40. 0	376. 83	3951. 55	2. 88	30. 16	132. 0-134. 0	7. 77	12985. 07	0. 06	99. 12
40. 0-42. 0	392. 71	4344. 26	3. 00	33. 16	134. 0-136. 0	7. 35	12992. 43	0. 06	99. 18
42. 0-44. 0	408. 18	4752. 44	3. 12	36. 28	136. 0-138. 0	6. 97	12999. 40	0. 05	99. 23
44. 0-46. 0	423. 31	5175. 74	3. 23	39. 51	138. 0-140. 0	6. 59	13005. 98	0. 05	99. 28
46. 0-48. 0	438. 19	5613. 94	3. 34	42. 85	140. 0-142. 0	6. 18	13012. 16	0. 05	99. 33
48. 0-50. 0	452. 83	6066. 77	3. 46	46. 31	142. 0-144. 0	5. 76	13017. 92	0. 04	99. 37
50. 0-52. 0	467. 00	6533. 77	3. 56	49. 88	144. 0-146. 0	5. 37	13023. 29	0. 04	99. 41
52. 0-54. 0	480. 87	7014. 64	3. 67	53. 55	146. 0-148. 0	4. 99	13028. 28	0. 04	99. 45
54. 0-56. 0	494. 39	7509. 03	3. 77	57. 32	148. 0-150. 0	4. 64	13032. 91	0. 04	99. 49
56. 0-58. 0	506. 13	8015. 16	3. 86	61. 18	150. 0-152. 0	4. 31	13037. 22	0. 03	99. 52
58. 0-60. 0	514. 80	8529. 96	3. 93	65. 11	152. 0-154. 0	3. 98	13041. 21	0. 03	99. 55
60. 0-62. 0	519. 80	9049. 76	3. 97	69. 08	154. 0-156. 0	3. 67	13044. 87	0. 03	99. 58
62. 0-64. 0	518. 46	9568. 22	3. 96	73. 04	156. 0-158. 0	3. 35	13048. 22	0. 03	99. 60
64. 0-66. 0	506. 68	10074. 90	3. 87	76. 91	158. 0-160. 0	3. 04	13051. 26	0. 02	99. 63
66. 0-68. 0	481. 24	10556. 14	3. 67	80. 58	160. 0-162. 0	2. 73	13053. 99	0. 02	99. 65
68. 0-70. 0	442. 75	10998. 89	3. 38	83. 96	162. 0-164. 0	2. 42	13056. 41	0. 02	99. 67
70. 0-72. 0	392. 99	11391. 88	3. 00	86. 96	164. 0-166. 0	2. 12	13058. 53	0. 02	99. 68
72. 0-74. 0	336. 64	11728. 52	2. 57	89. 53	166. 0-168. 0	1. 83	13060. 37	0. 01	99. 70
74. 0-76. 0	273. 92	12002. 44	2. 09	91. 62	168. 0-170. 0	1. 55	13061. 91	0. 01	99. 71
76. 0-78. 0	204. 31	12206. 75	1. 56	93. 18	170. 0-172. 0	1. 27	13063. 18	0. 01	99. 72
78. 0-80. 0	137. 40	12344. 15	1. 05	94. 23	172. 0-174. 0	0. 99	13064. 17	0. 01	99. 73
80. 0-82. 0	83. 89	12428. 03	0. 64	94. 87	174. 0-176. 0	0. 70	13064. 87	0. 01	99. 73
82. 0-84. 0	50. 21	12478. 24	0. 38	95. 25	176. 0-178. 0	0. 42	13065. 29	0. 00	99. 74
84. 0-86. 0	33. 50	12511. 75	0. 26	95. 51	178. 0-180. 0	0. 14	13065. 43	0. 00	99. 74
86. 0-88. 0	26. 23	12537. 98	0. 20	95. 71					
88. 0-90. 0	22. 93	12560. 91	0. 18	95. 88					
90. 0-92. 0	22. 18	12583. 09	0. 17	96. 05					
92. 0-94. 0	23. 66	12606. 75	0. 18	96. 23					

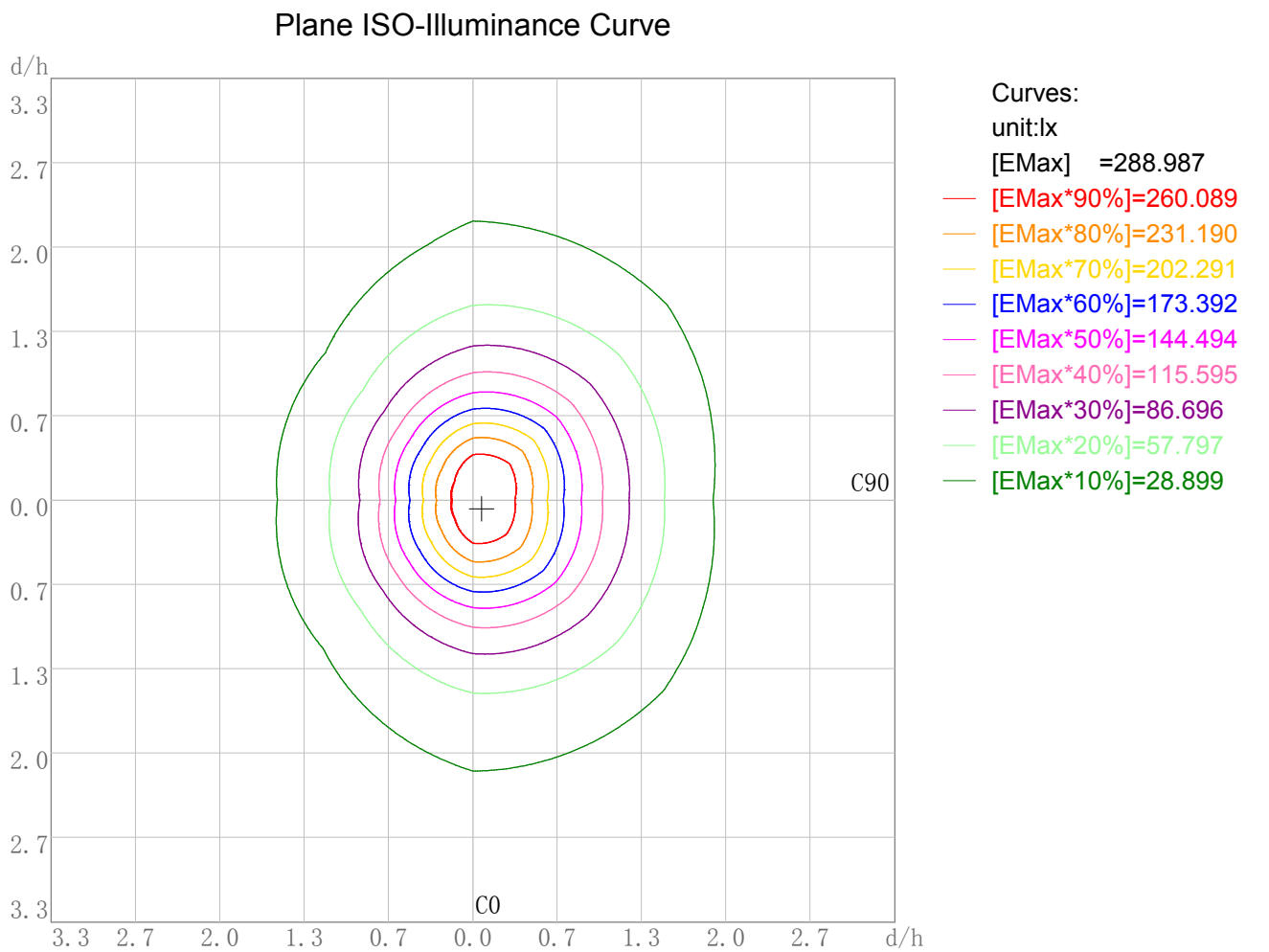
Rectangle ISO Lighting Intensity Diagram

Lum. Name: LN90HE1H-CM-T3	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22



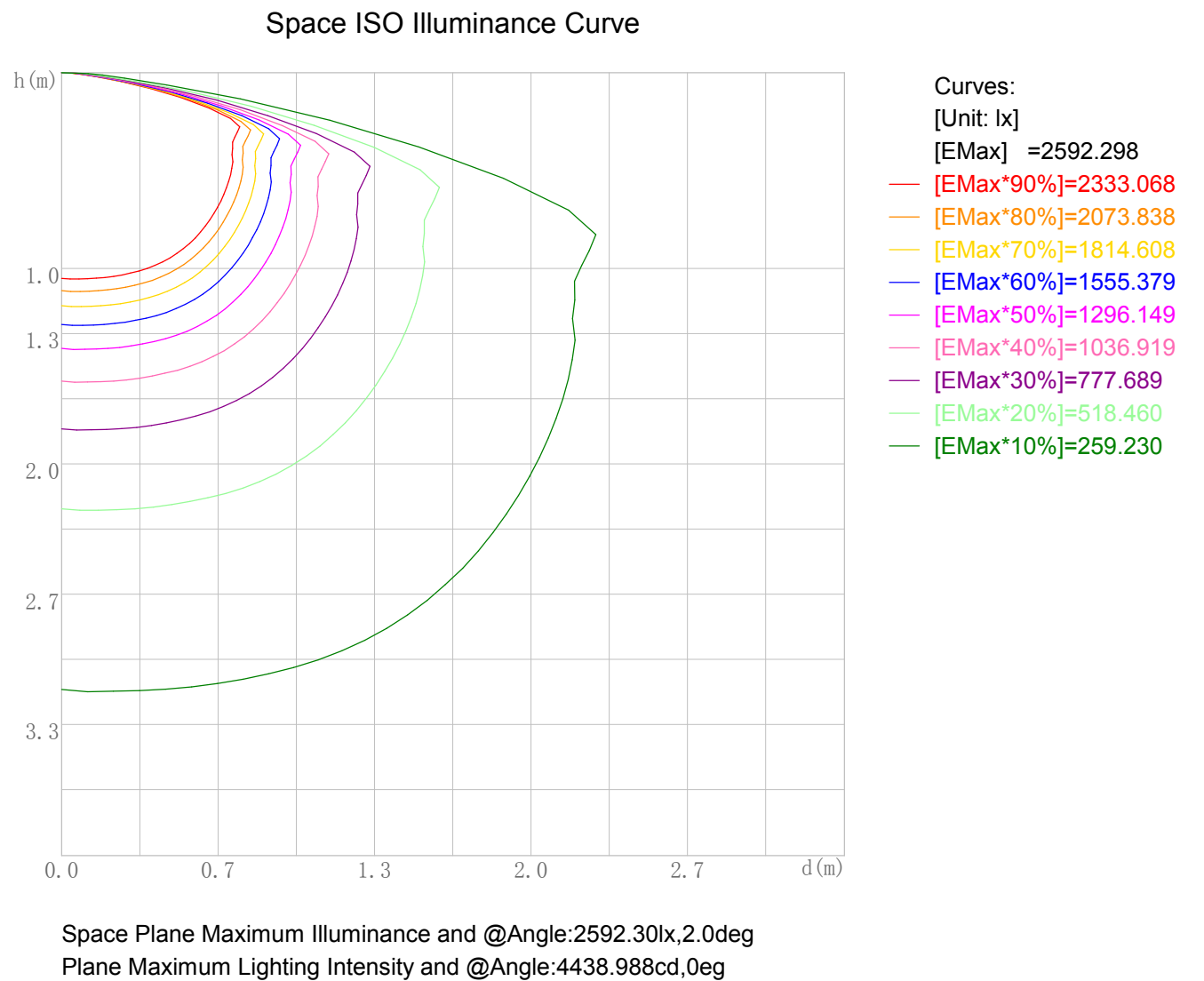
Plane ISO-Illuminance Diagram

Lum. Name: LN90HE1H-CM-T3	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22



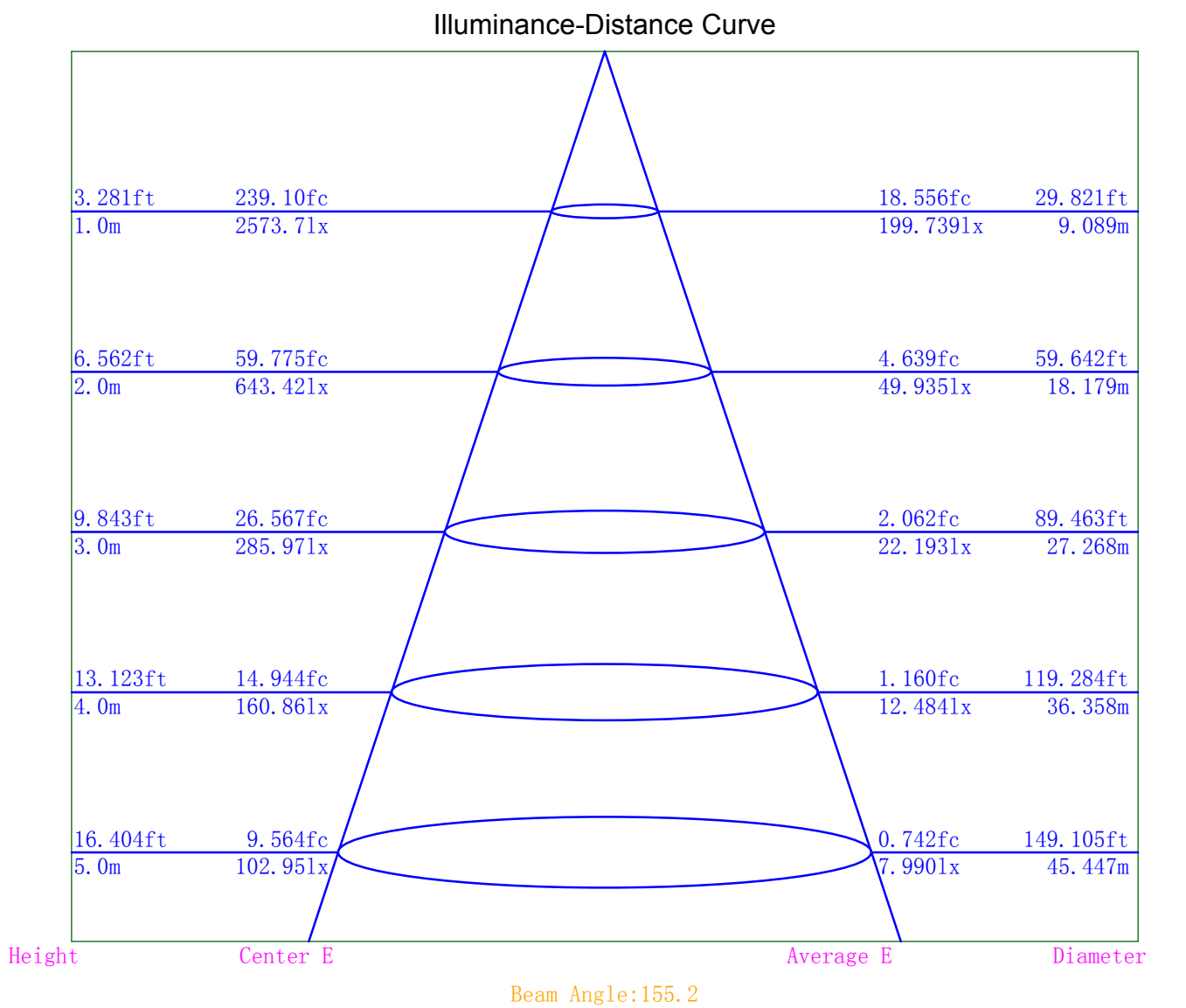
Space ISO Illuminance Diagram

Lum. Name: LN90HE1H-CM-T3	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22



Illuminance-Distance Diagram

Lum. Name: LN90HE1H-CM-T3	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22



Indoor Luminance Limiting Curves

Lum. Name: LN90HE1H-CM-T3	Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22

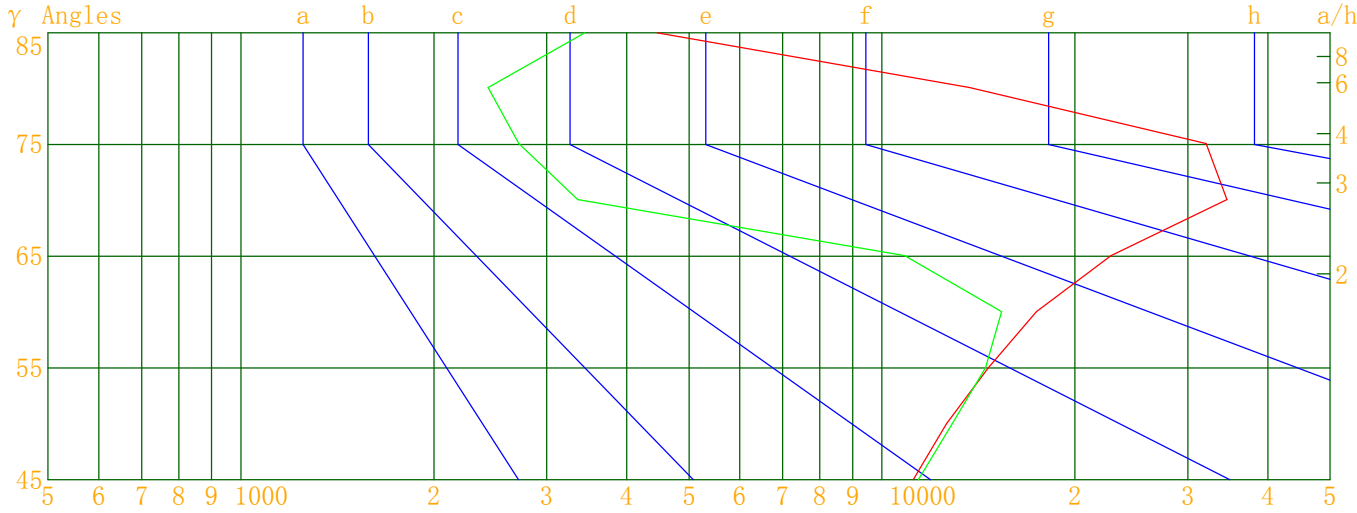
Glare Grade Table

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	11194	12611	14665	17412	22770	34527	32038	13703	4458
C90	11395	12873	14511	15362	10848	3355	2714	2431	3440

Luminance Limiting Curve

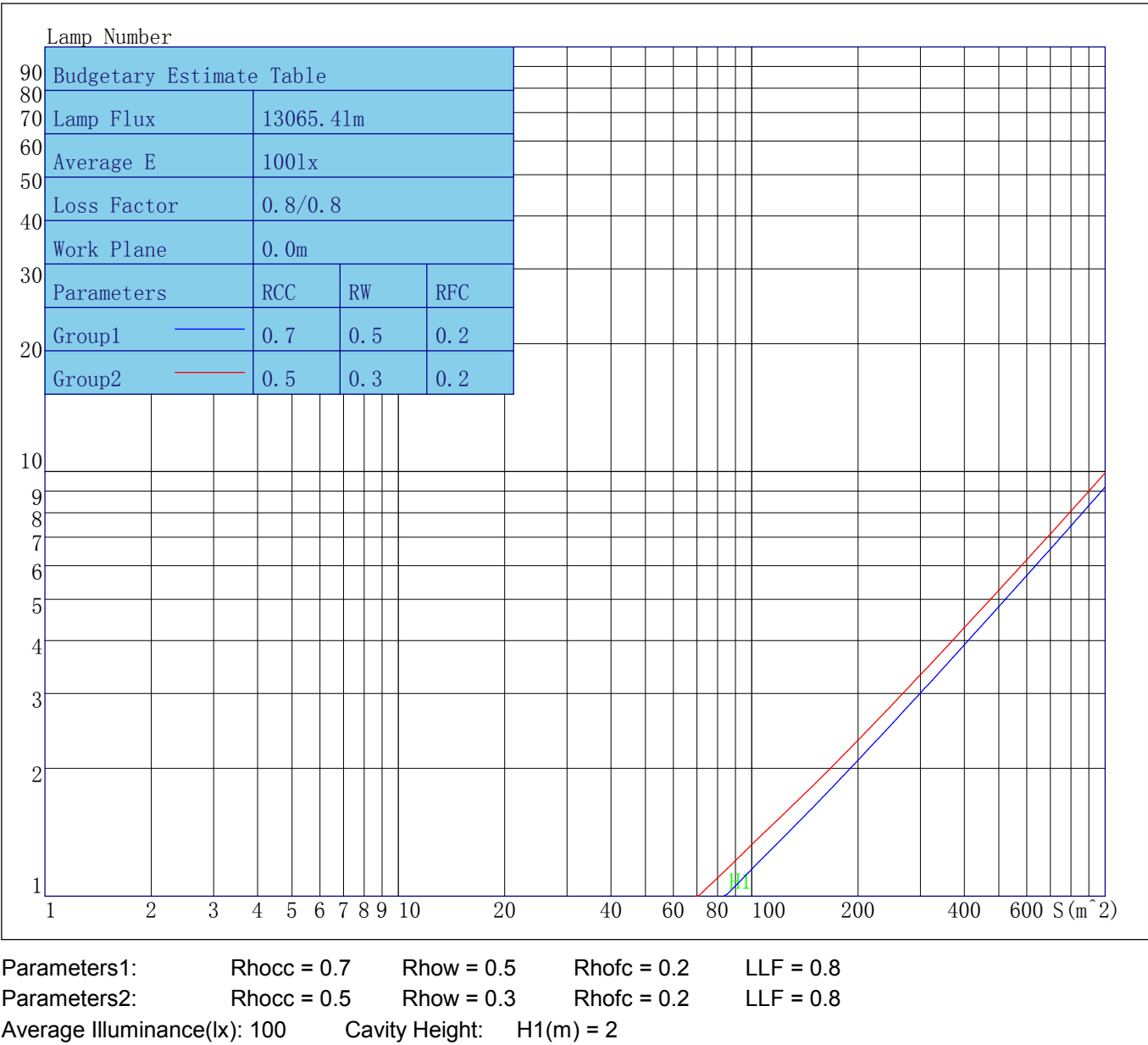


Luminous Size: Length(m)=0.420 Width(m)=0.420 Height(m)=0.475 Area(m^2)=0.375900  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: — C90-C270 Color: —



Indoor Budgetary Estimate Table

Lum. Name: LN90HE1H-CM-T3	Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22



Indoor Coefficient of Utilization Table

Lum. Name: LN90HE1H-CM-T3	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22

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	96	91	103	98	94	90	93	89	86	88	85	83	84	82	80	77
2	95	85	78	71	92	83	76	70	79	73	68	75	70	66	71	67	63	61
3	85	73	64	57	82	71	63	56	68	60	54	64	58	53	61	56	51	49
4	77	64	54	46	74	62	53	46	59	51	45	56	49	44	53	47	42	40
5	70	56	46	39	67	54	45	38	52	44	37	49	42	37	47	41	36	33
6	64	50	40	33	62	48	39	32	46	38	32	44	37	31	42	36	31	28
7	59	44	35	28	57	43	34	28	41	33	27	40	32	27	38	31	26	24
8	55	40	31	25	53	39	30	24	37	30	24	36	29	24	34	28	23	21
9	51	36	28	22	49	36	27	22	34	27	21	33	26	21	31	25	21	19
10	47	33	25	19	46	33	25	19	31	24	19	30	23	19	29	23	18	17

Unified Glare Rating Table

Lum. Name: LN90HE1H-CM-T3	Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22

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	22.7	24.4	23.1	24.8	25.2	22.7	24.4	23.2	24.8	25.2
	26.8	28.4	27.2	28.8	29.2	23.5	25.1	23.9	25.5	25.9
	28.4	29.8	28.8	30.3	30.7	23.5	25.0	24.0	25.4	25.9
	28.9	30.2	29.3	30.7	31.1	23.5	24.9	24.0	25.3	25.8
	28.9	30.2	29.4	30.6	31.1	23.5	24.8	24.0	25.3	25.7
	28.9	30.1	29.4	30.6	31.1	23.5	24.7	24.0	25.2	25.7
X=4H    Y=2H	23.7	25.2	24.2	25.6	26.1	24.1	25.6	24.5	26.0	26.4
	27.6	28.9	28.1	29.3	29.8	24.9	26.1	25.3	26.6	27.1
	29.1	30.3	29.6	30.7	31.3	24.9	26.0	25.4	26.5	27.0
	29.7	30.7	30.2	31.2	31.7	24.9	25.9	25.4	26.4	26.9
	29.7	30.6	30.2	31.1	31.7	24.9	25.8	25.4	26.3	26.9
	29.7	30.5	30.2	31.1	31.6	24.9	25.7	25.4	26.3	26.8
X=8H    Y=4H	29.2	30.1	29.7	30.6	31.2	25.1	26.0	25.6	26.6	27.1
	29.7	30.5	30.3	31.0	31.7	25.2	25.9	25.7	26.5	27.2
	29.8	30.4	30.3	31.0	31.6	25.2	25.8	25.7	26.4	27.0
	29.8	30.4	30.4	30.9	31.6	25.2	25.8	25.8	26.4	27.0
X=12H    Y=4H	29.2	30.0	29.7	30.5	31.1	25.2	26.0	25.7	26.5	27.1
	29.7	30.4	30.3	30.9	31.5	25.2	25.9	25.8	26.4	27.0
	29.8	30.4	30.3	30.9	31.6	25.2	25.8	25.8	26.4	27.0
Variations with the objerver position at spacings										
S=1.0H	1.2/-1.5					0.4/-0.4				
S=1.5H	1.7/-2.4					1.4/-1.0				
S=2.0H	0.9/-2.1					5.1/-5.1				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	3.8					1.5				

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

**IES Indoor Report**  
**Photometric Filename:LN90HE1H-CM-T3.IES**

---

**Candela Tabulation**

V/H	C0. 0	C45. 0	C90. 0	C135. 0	C180. 0	C225. 0	C270. 0	C315. 0
γ 0. 0	2573. 69	2573. 69	2573. 69	2573. 69	2573. 69	2573. 69	2573. 69	2573. 69
γ 2. 0	2597. 04	2594. 57	2582. 25	2572. 73	2589. 38	2553. 07	2532. 72	2538. 94
γ 4. 0	2608. 29	2617. 44	2604. 79	2592. 31	2592. 33	2535. 98	2508. 76	2526. 01
γ 6. 0	2626. 53	2643. 71	2626. 55	2612. 79	2601. 43	2521. 37	2484. 38	2516. 26
γ 8. 0	2649. 03	2672. 42	2647. 47	2636. 33	2616. 82	2508. 80	2459. 67	2506. 75
γ 10. 0	2673. 01	2703. 08	2666. 83	2663. 59	2636. 79	2497. 36	2438. 01	2498. 72
γ 12. 0	2698. 19	2738. 82	2685. 19	2693. 32	2660. 01	2488. 17	2407. 47	2491. 35
γ 14. 0	2723. 98	2776. 37	2702. 54	2726. 20	2685. 87	2481. 14	2376. 83	2485. 91
γ 16. 0	2752. 17	2816. 93	2718. 09	2762. 87	2715. 23	2475. 40	2345. 78	2480. 93
γ 18. 0	2783. 79	2859. 44	2732. 48	2801. 37	2744. 73	2469. 63	2313. 33	2475. 38
γ 20. 0	2812. 81	2902. 41	2746. 38	2841. 71	2775. 72	2464. 18	2279. 40	2466. 75
γ 22. 0	2836. 38	2945. 03	2761. 29	2883. 17	2804. 68	2457. 64	2245. 70	2455. 02
γ 24. 0	2858. 37	2987. 79	2775. 96	2924. 99	2831. 50	2449. 44	2213. 74	2441. 16
γ 26. 0	2877. 02	3033. 02	2791. 72	2968. 99	2856. 40	2440. 05	2183. 03	2426. 69
γ 28. 0	2891. 49	3076. 44	2810. 09	3014. 46	2879. 44	2429. 87	2152. 40	2411. 05
γ 30. 0	2901. 55	3117. 42	2829. 78	3057. 17	2897. 74	2418. 93	2118. 63	2393. 80
γ 32. 0	2907. 67	3157. 62	2850. 77	3095. 92	2910. 08	2405. 42	2080. 97	2374. 79
γ 34. 0	2915. 05	3194. 45	2873. 03	3133. 78	2917. 71	2387. 97	2037. 22	2353. 40
γ 36. 0	2921. 29	3228. 99	2899. 67	3170. 34	2923. 61	2368. 45	1992. 17	2329. 56
γ 38. 0	2926. 21	3260. 63	2927. 52	3202. 71	2928. 66	2345. 50	1951. 79	2302. 28
γ 40. 0	2935. 60	3287. 38	2955. 56	3231. 99	2931. 03	2319. 20	1913. 57	2265. 10
γ 42. 0	2947. 14	3310. 72	2983. 38	3254. 01	2935. 18	2289. 45	1877. 84	2232. 85
γ 44. 0	2963. 80	3336. 99	3012. 60	3271. 65	2944. 57	2255. 67	1846. 28	2201. 61
γ 46. 0	2987. 01	3366. 13	3044. 92	3286. 28	2962. 02	2217. 83	1814. 65	2162. 21
γ 48. 0	3014. 50	3390. 29	3078. 75	3304. 41	2985. 76	2177. 58	1783. 42	2135. 49
γ 50. 0	3047. 18	3415. 44	3110. 53	3327. 76	3017. 15	2137. 11	1749. 91	2098. 31
γ 52. 0	3087. 98	3451. 19	3138. 05	3360. 42	3042. 59	2092. 80	1713. 99	2049. 30
γ 54. 0	3134. 70	3500. 01	3144. 97	3400. 54	3080. 05	2043. 21	1677. 60	2010. 24
γ 56. 0	3189. 22	3562. 11	3112. 46	3444. 12	3137. 13	1991. 46	1643. 12	1960. 43
γ 58. 0	3250. 84	3619. 82	3043. 99	3484. 74	3157. 50	1940. 58	1603. 92	1886. 36
γ 60. 0	3272. 50	3668. 70	2887. 19	3510. 50	3225. 81	1883. 15	1547. 23	1832. 33
γ 62. 0	3380. 55	3705. 62	2610. 51	3522. 71	3286. 41	1815. 61	1448. 13	1760. 95
γ 64. 0	3489. 58	3704. 25	2101. 58	3471. 48	3370. 80	1741. 39	1355. 59	1686. 09
γ 66. 0	3744. 92	3500. 17	1345. 10	3254. 17	3486. 40	1662. 43	1257. 16	1615. 38
γ 68. 0	4063. 20	2878. 59	660. 81	2706. 82	3741. 77	1574. 86	1179. 16	1469. 52
γ 70. 0	4438. 99	1757. 19	431. 30	1732. 84	4019. 82	1469. 28	1088. 38	1386. 59
γ 72. 0	4323. 04	738. 13	356. 04	749. 75	4222. 99	1349. 29	986. 38	1272. 41
γ 74. 0	3599. 77	365. 64	293. 00	375. 33	4012. 68	1159. 22	778. 00	1099. 97
γ 76. 0	2634. 18	282. 94	235. 01	289. 41	3276. 82	917. 47	547. 52	821. 71
γ 78. 0	1700. 68	232. 31	191. 30	237. 22	2347. 18	641. 81	391. 98	549. 85
γ 80. 0	894. 48	193. 79	158. 70	196. 35	1475. 30	406. 74	275. 82	318. 30
γ 82. 0	378. 81	163. 14	133. 79	163. 40	777. 48	258. 26	207. 58	194. 32
γ 84. 0	179. 01	136. 26	117. 09	139. 37	356. 62	183. 46	155. 22	146. 71
γ 86. 0	113. 08	117. 90	108. 29	125. 73	179. 53	149. 44	123. 02	122. 87
γ 88. 0	95. 19	106. 54	96. 81	110. 31	111. 45	134. 90	108. 79	112. 52
γ 90. 0	78. 03	96. 47	89. 06	97. 78	94. 10	128. 37	105. 99	106. 79
γ 92. 0	89. 19	111. 29	100. 84	120. 94	104. 66	113. 48	88. 80	92. 90

---

IES Indoor Report

Photometric Filename:LN90HE1H-CM-T3.IES

---

Candela Tabulation - (Cont.)

V/H	C0. 0	C45. 0	C90. 0	C135. 0	C180. 0	C225. 0	C270. 0	C315. 0
γ 94. 0	127. 02	111. 91	99. 31	123. 04	137. 36	115. 01	95. 69	96. 82
γ 96. 0	138. 99	105. 21	96. 05	116. 89	163. 03	107. 98	99. 96	94. 59
γ 98. 0	160. 79	96. 57	78. 83	110. 03	209. 31	108. 17	95. 33	92. 25
γ 100. 0	220. 57	89. 46	73. 92	102. 37	263. 48	109. 57	90. 85	97. 76
γ 102. 0	245. 23	82. 99	71. 02	94. 98	290. 66	112. 98	121. 81	109. 65
γ 104. 0	251. 59	77. 53	67. 99	89. 52	299. 08	134. 05	132. 09	135. 24
γ 106. 0	221. 92	73. 41	67. 49	92. 26	283. 34	141. 35	135. 56	150. 20
γ 108. 0	187. 36	75. 25	67. 17	108. 61	256. 01	141. 68	127. 37	142. 21
γ 110. 0	140. 67	75. 83	69. 05	108. 64	209. 33	126. 14	115. 98	124. 10
γ 112. 0	109. 71	71. 98	70. 48	99. 46	157. 74	102. 63	103. 89	105. 97
γ 114. 0	93. 51	67. 44	68. 49	87. 89	118. 61	89. 56	89. 85	91. 60
γ 116. 0	83. 25	63. 74	63. 90	79. 22	95. 10	79. 65	81. 71	78. 93
γ 118. 0	75. 43	60. 84	59. 95	71. 53	80. 31	71. 95	74. 81	67. 64
γ 120. 0	69. 63	58. 39	56. 61	65. 05	72. 83	65. 27	62. 90	61. 93
γ 122. 0	64. 88	56. 35	54. 08	60. 57	66. 31	61. 06	60. 60	58. 95
γ 124. 0	60. 79	54. 49	51. 98	57. 42	61. 54	57. 10	56. 18	55. 73
γ 126. 0	58. 39	52. 21	50. 15	54. 31	58. 06	54. 62	53. 87	54. 70
γ 128. 0	56. 37	50. 58	48. 54	51. 63	55. 92	51. 12	51. 15	51. 90
γ 130. 0	54. 90	49. 71	47. 26	49. 41	54. 69	49. 56	48. 64	49. 52
γ 132. 0	53. 92	47. 94	45. 80	48. 05	53. 50	48. 42	46. 39	47. 52
γ 134. 0	52. 98	46. 97	44. 75	46. 72	52. 71	47. 22	45. 43	46. 48
γ 136. 0	51. 38	46. 39	44. 08	45. 56	51. 83	46. 71	44. 50	45. 01
γ 138. 0	50. 17	45. 45	42. 99	44. 01	50. 63	47. 61	43. 87	45. 32
γ 140. 0	48. 04	44. 20	42. 10	42. 57	48. 78	47. 15	43. 72	45. 91
γ 142. 0	45. 66	43. 13	41. 19	41. 27	46. 76	46. 36	43. 16	46. 03
γ 144. 0	43. 87	42. 17	40. 27	40. 08	45. 13	45. 36	42. 63	45. 25
γ 146. 0	42. 63	41. 30	39. 24	39. 23	43. 96	44. 84	41. 84	44. 70
γ 148. 0	41. 70	40. 42	38. 44	38. 01	43. 12	44. 00	41. 16	43. 90
γ 150. 0	41. 08	39. 71	38. 03	37. 18	42. 72	43. 14	41. 15	43. 00
γ 152. 0	40. 35	39. 25	37. 55	36. 63	42. 28	42. 94	40. 93	42. 30
γ 154. 0	39. 71	38. 65	37. 12	36. 12	41. 89	42. 01	40. 78	41. 76
γ 156. 0	39. 21	38. 26	36. 70	35. 56	41. 37	41. 65	40. 48	41. 44
γ 158. 0	38. 37	37. 80	36. 37	35. 24	40. 41	41. 50	40. 29	41. 01
γ 160. 0	38. 11	37. 84	36. 02	34. 94	39. 79	40. 77	39. 75	40. 49
γ 162. 0	37. 69	37. 74	35. 57	34. 47	39. 28	39. 13	39. 42	40. 06
γ 164. 0	37. 44	37. 42	35. 20	34. 28	38. 82	38. 35	39. 38	39. 54
γ 166. 0	37. 08	37. 12	35. 23	34. 20	38. 38	38. 01	39. 22	39. 03
γ 168. 0	36. 69	36. 97	35. 25	34. 29	37. 98	37. 77	38. 80	38. 65
γ 170. 0	36. 64	36. 94	35. 32	34. 42	37. 70	37. 33	38. 41	38. 01
γ 172. 0	37. 74	36. 94	35. 46	34. 86	38. 70	37. 20	38. 16	37. 45
γ 174. 0	37. 52	36. 92	35. 42	34. 87	38. 46	36. 93	37. 72	36. 92
γ 176. 0	37. 34	37. 05	35. 60	35. 00	38. 17	36. 72	37. 38	36. 33
γ 178. 0	37. 50	37. 42	36. 53	35. 54	38. 05	36. 75	37. 25	35. 99
γ 180. 0	37. 20	37. 20	37. 20	37. 20	37. 20	37. 20	37. 20	37. 20