

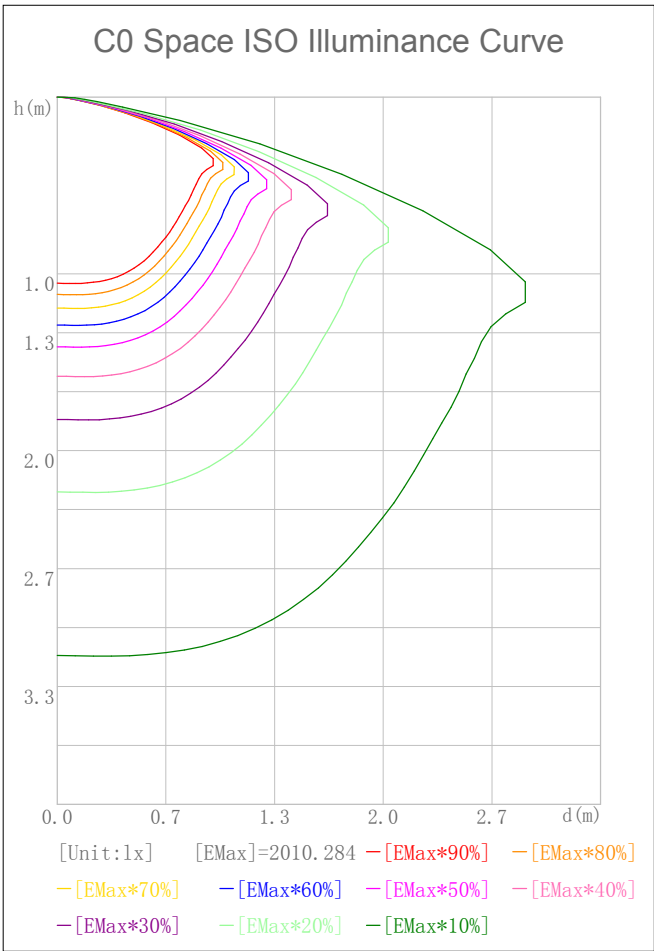
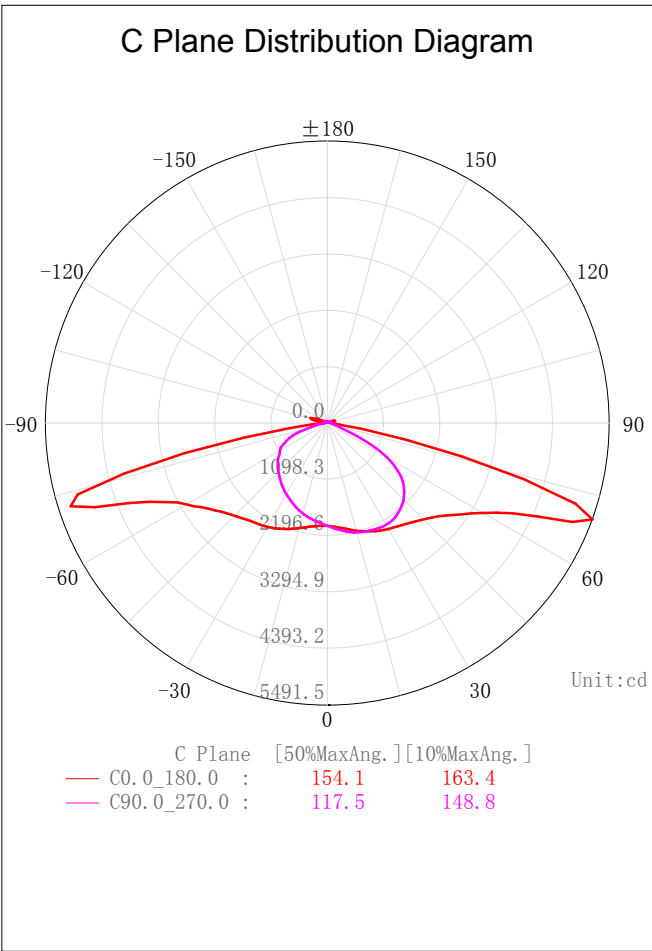
Indoor Luminaire Photometric Data

Description Information

Luminary Name: LN60HE1H-CM-T2	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

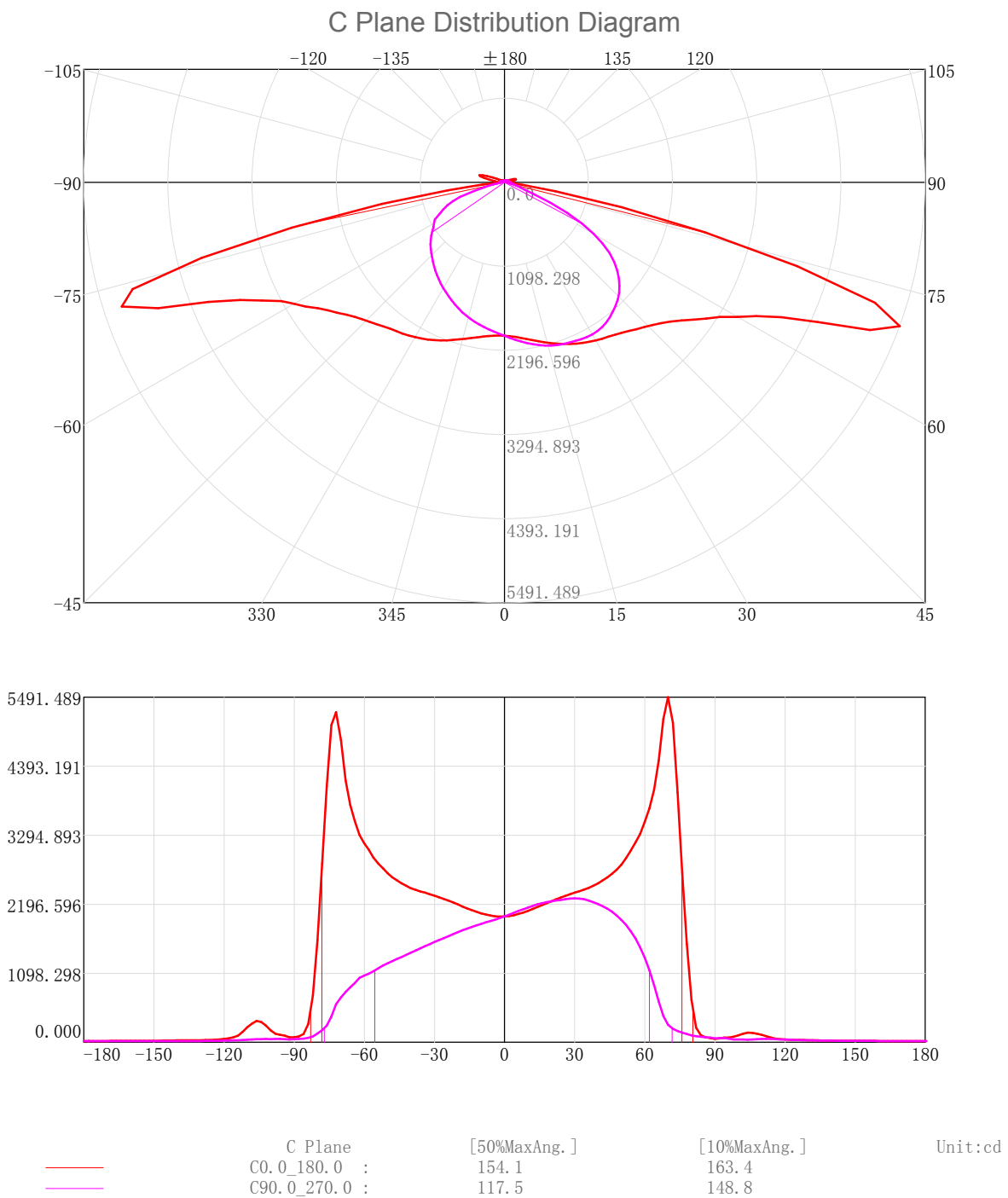
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 10100.000	Luminary Flux(lm): 10076.032	Field Angle(10%Imax): 163.4(°)
Rated Power(W):	Luminary Efficiency: 99.76%	Down Lumens&Percent: 9750.365lm 96.77%
Rated Voltage(V):	Luminary EER(lm/W): 165.806	Up Lumens&Percent: 325.667lm 3.23%
Tested Power(W): 60.770	Max. Candela(cd): 5491.489	S/MH: C0_a180=1.862 C90_270=1.429
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=70.0	CIE Type: Semi-Direct
Tested Electrics(V, A, pf): 226.1, 0.277, 0.969	Beam Angle(50%Imax): 154.1(°)	ErP Φuse(120°): 6526.699lm
Lamp Size(W*L*H): 0.420m*0.420m*0.475m	Left=-78.2°, Right=75.9°	IRF(%): 80.870



2D Plane Light Intensity Distribution Curve

Lum. Name:LN60HE1H-CM-T2	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

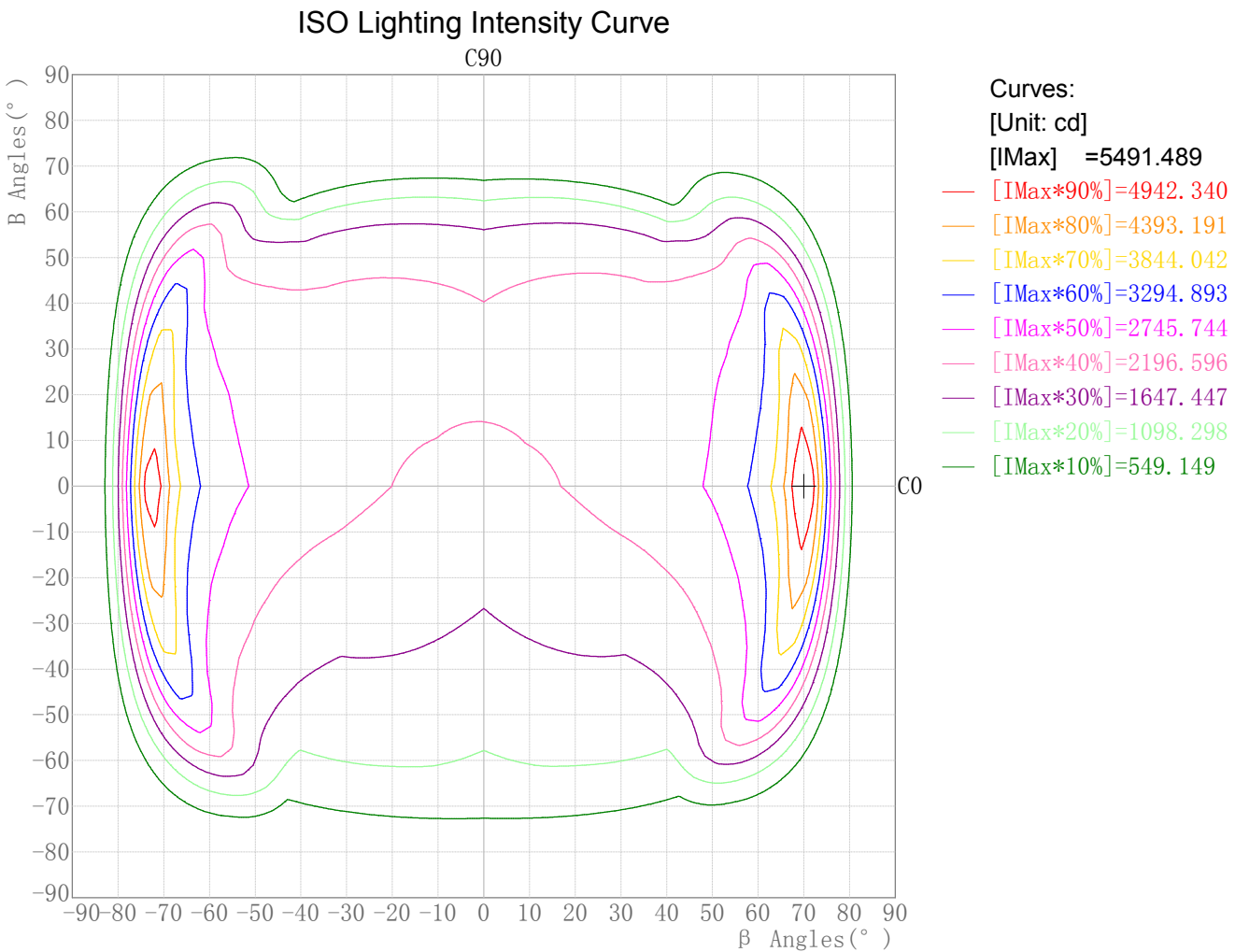
Photometric Filename:LN60HE1H-CM-T2.IES

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	7. 67	7. 67	0. 08	0. 08	94. 0-96. 0	15. 44	9795. 05	0. 15	96. 98
2. 0-4. 0	23. 05	30. 73	0. 23	0. 30	96. 0-98. 0	15. 58	9810. 63	0. 15	97. 13
4. 0-6. 0	38. 53	69. 25	0. 38	0. 69	98. 0-100. 0	16. 52	9827. 16	0. 16	97. 30
6. 0-8. 0	54. 14	123. 39	0. 54	1. 22	100. 0-102. 0	18. 49	9845. 65	0. 18	97. 48
8. 0-10. 0	69. 90	193. 29	0. 69	1. 91	102. 0-104. 0	20. 41	9866. 06	0. 20	97. 68
10. 0-12. 0	85. 80	279. 09	0. 85	2. 76	104. 0-106. 0	21. 21	9887. 27	0. 21	97. 89
12. 0-14. 0	101. 82	380. 91	1. 01	3. 77	106. 0-108. 0	20. 37	9907. 63	0. 20	98. 10
14. 0-16. 0	117. 97	498. 88	1. 17	4. 94	108. 0-110. 0	18. 45	9926. 08	0. 18	98. 28
16. 0-18. 0	134. 20	633. 08	1. 33	6. 27	110. 0-112. 0	16. 01	9942. 10	0. 16	98. 44
18. 0-20. 0	150. 47	783. 55	1. 49	7. 76	112. 0-114. 0	13. 35	9955. 44	0. 13	98. 57
20. 0-22. 0	166. 68	950. 23	1. 65	9. 41	114. 0-116. 0	11. 18	9966. 62	0. 11	98. 68
22. 0-24. 0	182. 77	1133. 00	1. 81	11. 22	116. 0-118. 0	9. 61	9976. 23	0. 10	98. 77
24. 0-26. 0	198. 71	1331. 72	1. 97	13. 19	118. 0-120. 0	8. 45	9984. 68	0. 08	98. 86
26. 0-28. 0	214. 42	1546. 14	2. 12	15. 31	120. 0-122. 0	7. 61	9992. 29	0. 08	98. 93
28. 0-30. 0	229. 78	1775. 92	2. 28	17. 58	122. 0-124. 0	6. 95	9999. 24	0. 07	99. 00
30. 0-32. 0	244. 63	2020. 56	2. 42	20. 01	124. 0-126. 0	6. 39	10005. 64	0. 06	99. 07
32. 0-34. 0	258. 84	2279. 40	2. 56	22. 57	126. 0-128. 0	5. 91	10011. 54	0. 06	99. 12
34. 0-36. 0	272. 31	2551. 71	2. 70	25. 26	128. 0-130. 0	5. 50	10017. 04	0. 05	99. 18
36. 0-38. 0	284. 98	2836. 69	2. 82	28. 09	130. 0-132. 0	5. 14	10022. 18	0. 05	99. 23
38. 0-40. 0	296. 86	3133. 54	2. 94	31. 03	132. 0-134. 0	4. 81	10026. 99	0. 05	99. 28
40. 0-42. 0	307. 90	3441. 44	3. 05	34. 07	134. 0-136. 0	4. 53	10031. 52	0. 04	99. 32
42. 0-44. 0	318. 05	3759. 50	3. 15	37. 22	136. 0-138. 0	4. 28	10035. 80	0. 04	99. 36
44. 0-46. 0	327. 39	4086. 88	3. 24	40. 46	138. 0-140. 0	4. 02	10039. 82	0. 04	99. 40
46. 0-48. 0	335. 99	4422. 88	3. 33	43. 79	140. 0-142. 0	3. 76	10043. 58	0. 04	99. 44
48. 0-50. 0	343. 85	4766. 73	3. 40	47. 20	142. 0-144. 0	3. 50	10047. 07	0. 03	99. 48
50. 0-52. 0	350. 93	5117. 66	3. 47	50. 67	144. 0-146. 0	3. 25	10050. 33	0. 03	99. 51
52. 0-54. 0	356. 89	5474. 54	3. 53	54. 20	146. 0-148. 0	3. 02	10053. 35	0. 03	99. 54
54. 0-56. 0	361. 22	5835. 77	3. 58	57. 78	148. 0-150. 0	2. 81	10056. 16	0. 03	99. 57
56. 0-58. 0	364. 17	6199. 94	3. 61	61. 39	150. 0-152. 0	2. 61	10058. 77	0. 03	99. 59
58. 0-60. 0	366. 18	6566. 12	3. 63	65. 01	152. 0-154. 0	2. 42	10061. 19	0. 02	99. 62
60. 0-62. 0	366. 33	6932. 46	3. 63	68. 64	154. 0-156. 0	2. 23	10063. 42	0. 02	99. 64
62. 0-64. 0	363. 68	7296. 14	3. 60	72. 24	156. 0-158. 0	2. 04	10065. 46	0. 02	99. 66
64. 0-66. 0	359. 23	7655. 36	3. 56	75. 80	158. 0-160. 0	1. 85	10067. 32	0. 02	99. 68
66. 0-68. 0	356. 56	8011. 93	3. 53	79. 33	160. 0-162. 0	1. 67	10068. 99	0. 02	99. 69
68. 0-70. 0	356. 98	8368. 91	3. 53	82. 86	162. 0-164. 0	1. 49	10070. 48	0. 01	99. 71
70. 0-72. 0	350. 16	8719. 07	3. 47	86. 33	164. 0-166. 0	1. 31	10071. 79	0. 01	99. 72
72. 0-74. 0	318. 47	9037. 54	3. 15	89. 48	166. 0-168. 0	1. 13	10072. 92	0. 01	99. 73
74. 0-76. 0	257. 96	9295. 50	2. 55	92. 03	168. 0-170. 0	0. 95	10073. 87	0. 01	99. 74
76. 0-78. 0	184. 79	9480. 28	1. 83	93. 86	170. 0-172. 0	0. 78	10074. 65	0. 01	99. 75
78. 0-80. 0	116. 07	9596. 35	1. 15	95. 01	172. 0-174. 0	0. 61	10075. 25	0. 01	99. 75
80. 0-82. 0	64. 02	9660. 38	0. 63	95. 65	174. 0-176. 0	0. 43	10075. 68	0. 00	99. 76
82. 0-84. 0	34. 75	9695. 12	0. 34	95. 99	176. 0-178. 0	0. 26	10075. 94	0. 00	99. 76
84. 0-86. 0	22. 22	9717. 35	0. 22	96. 21	178. 0-180. 0	0. 09	10076. 03	0. 00	99. 76
86. 0-88. 0	17. 61	9734. 95	0. 17	96. 39					
88. 0-90. 0	15. 41	9750. 36	0. 15	96. 54					
90. 0-92. 0	14. 37	9764. 73	0. 14	96. 68					
92. 0-94. 0	14. 88	9779. 61	0. 15	96. 83					

Rectangle ISO Lighting Intensity Diagram

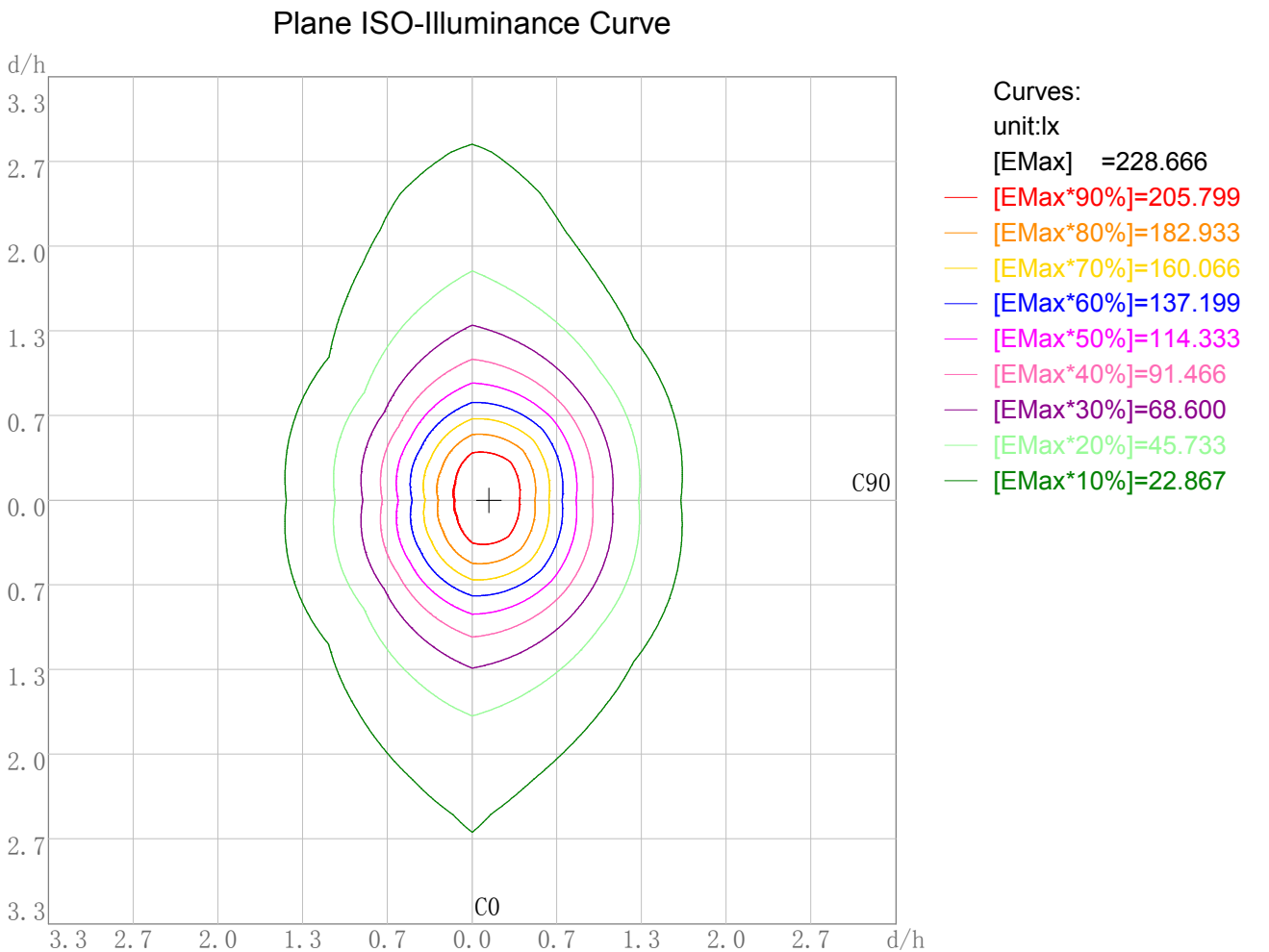
Lum. Name: LN60HE1H-CM-T2	Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22



Maximum Light Intensity(cd): 5491.49
Maximum Cand.@Angle: H=70.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name: LN60HE1H-CM-T2	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22

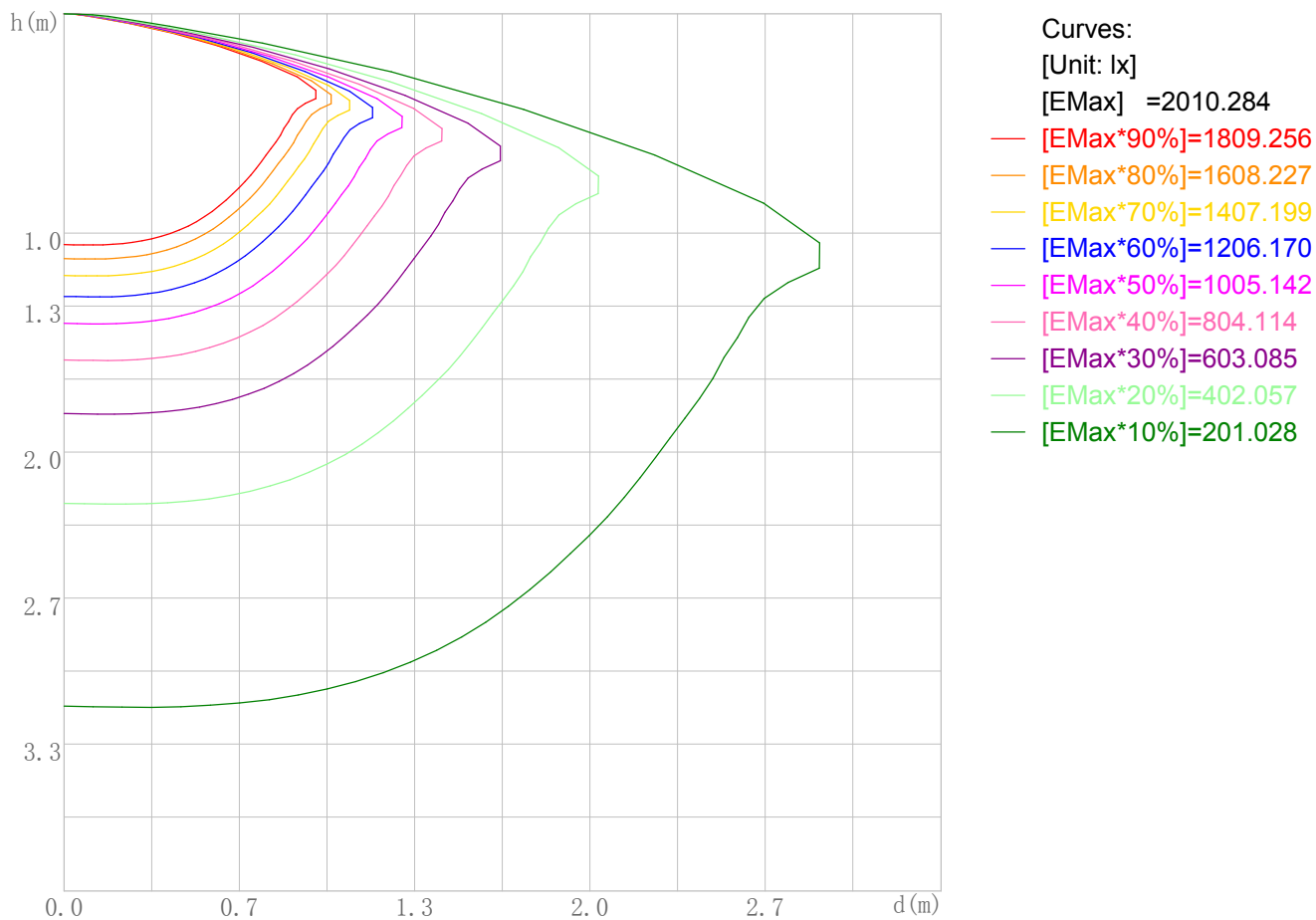


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 228.67
Working Plane Maximum Illuminance Position(d/h):H0.1 V0.0

Space ISO Illuminance Diagram

Lum. Name: LN60HE1H-CM-T2	Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22

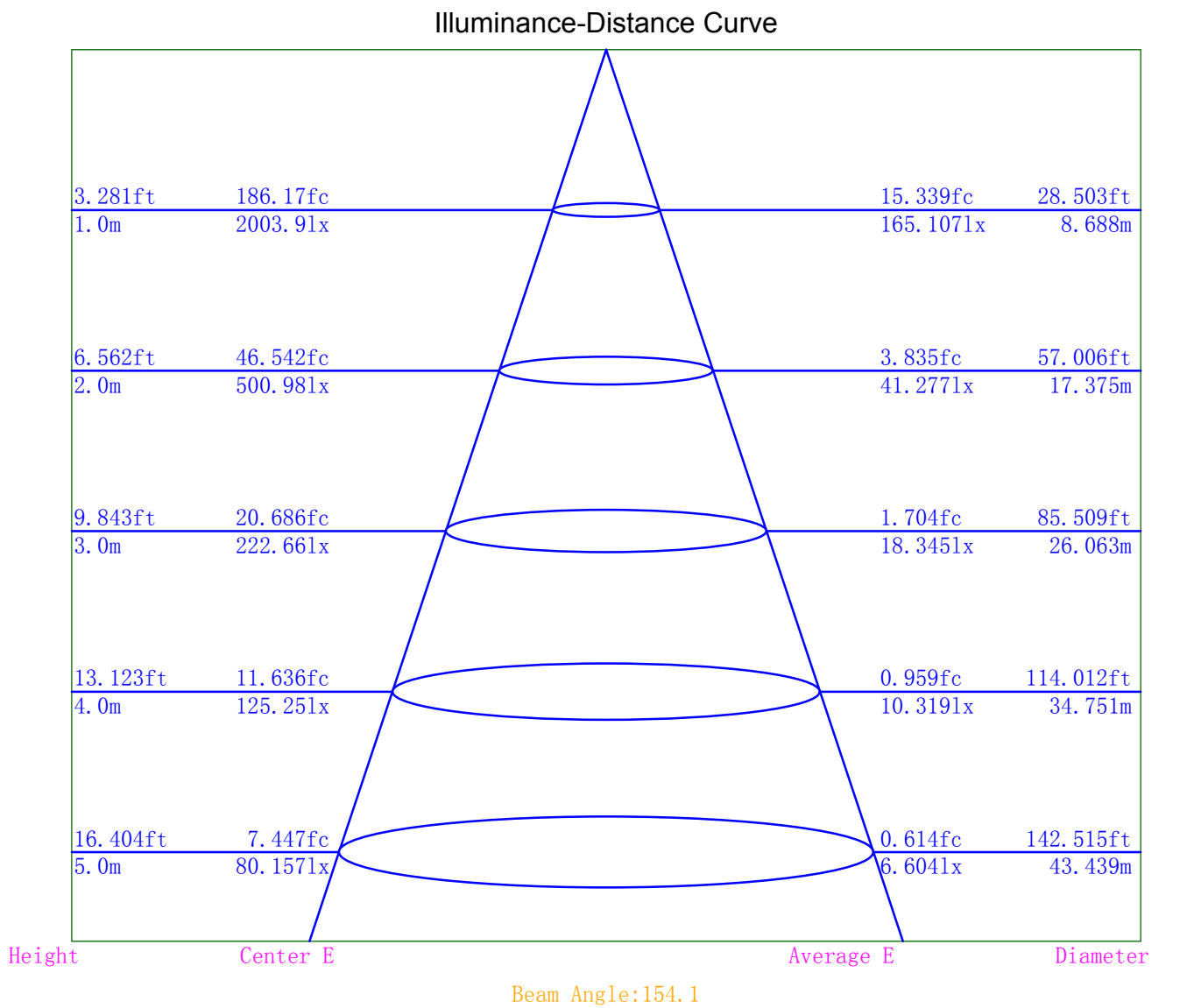
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:2010.28lx,6.0deg
Plane Maximum Lighting Intensity and @Angle:5491.489cd,0deg

Illuminance-Distance Diagram

Lum. Name: LN60HE1H-CM-T2	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: LN60HE1H-CM-T2	Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22

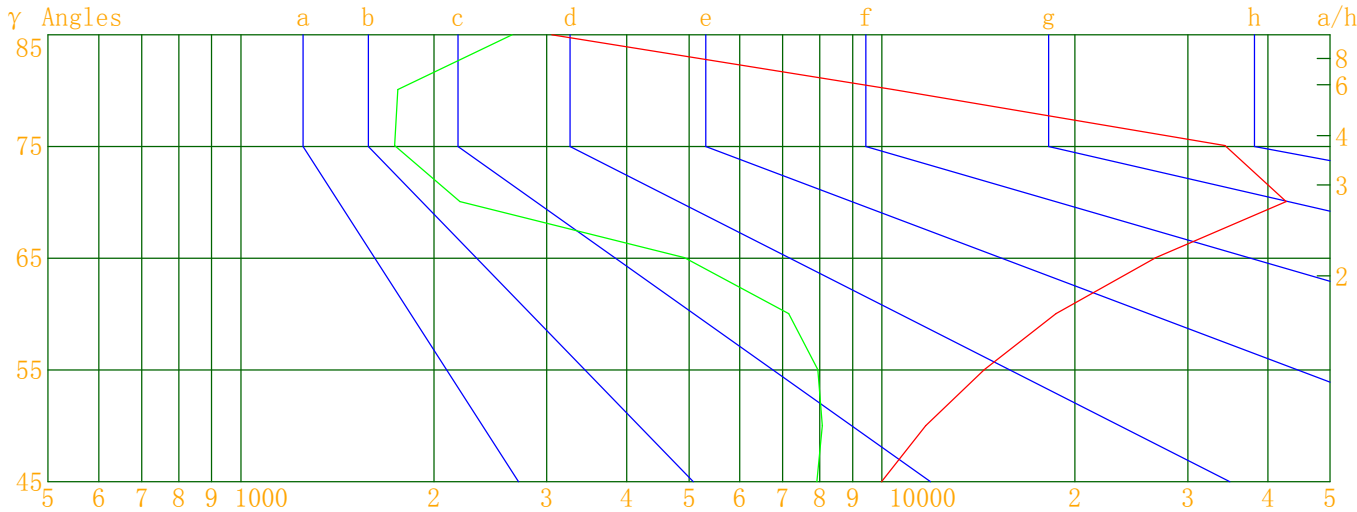
Glare Grade Table

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	9985	11704	14444	18676	26759	42714	34272	10407	3055
C90	7912	8075	7944	7157	4920	2196	1737	1758	2649

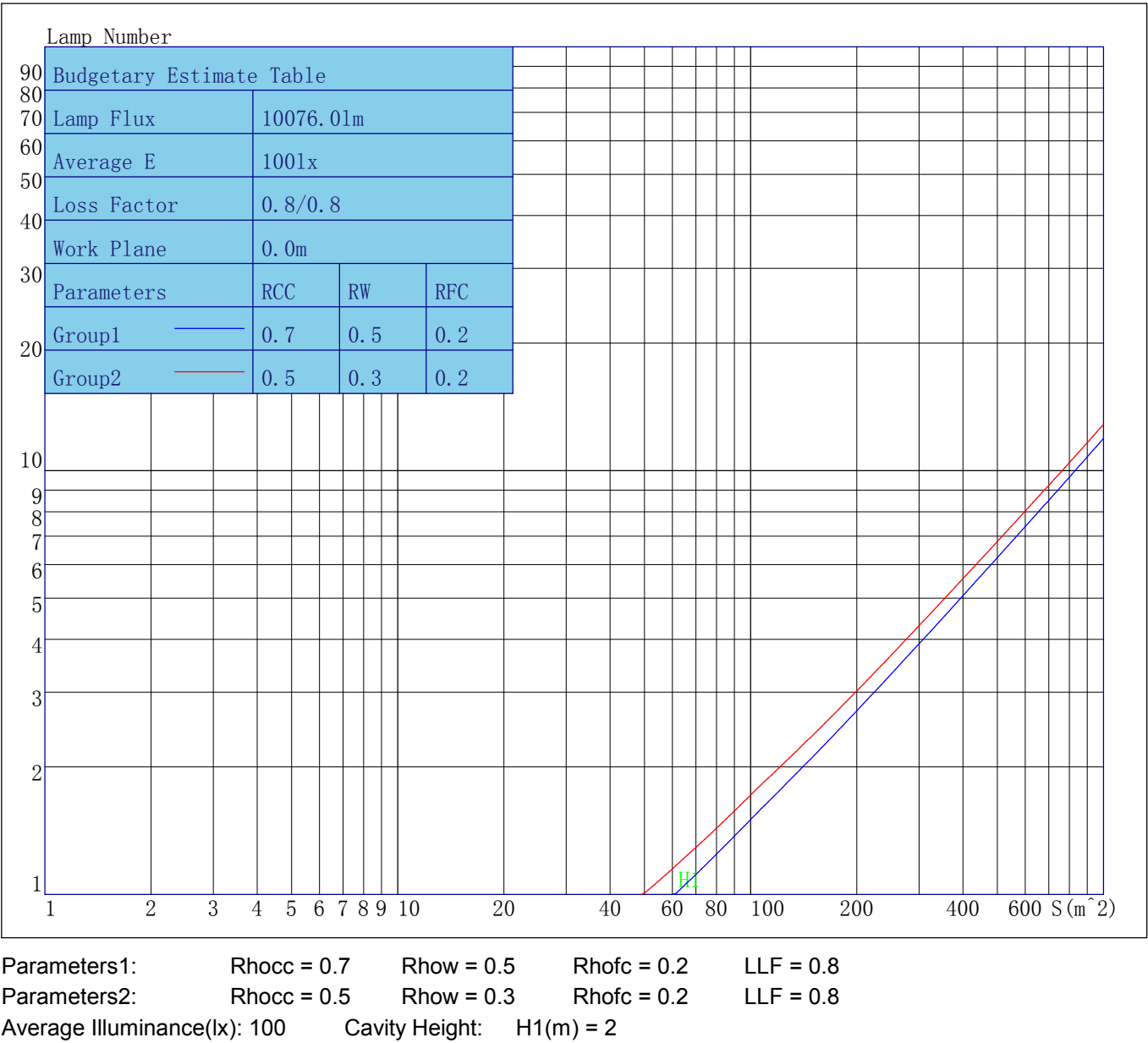
Luminance Limiting Curve



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: LN60HE1H-CM-T2	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 Coefficient of Utilization Table

Lum. Name: LN60HE1H-CM-T2	Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catalog: 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	104	104	104	99	99	99	97
1	106	101	96	91	103	98	94	89	93	89	86	89	86	83	84	82	80	77
2	95	85	77	71	92	83	76	70	79	73	68	75	70	66	71	67	64	61
3	85	73	64	56	82	71	63	56	68	60	54	64	58	53	61	56	52	49
4	77	64	54	46	74	62	53	46	59	51	45	56	49	44	53	48	43	40
5	70	56	46	39	68	55	45	38	52	44	37	50	42	37	47	41	36	34
6	64	50	40	33	62	48	39	33	46	38	32	44	37	31	42	36	31	29
7	59	45	35	28	57	44	35	28	42	34	28	40	33	27	38	32	27	25
8	55	40	31	25	53	39	31	25	38	30	24	36	29	24	35	28	24	21
9	51	37	28	22	49	36	28	22	35	27	22	33	26	21	32	26	21	19
10	48	34	25	20	46	33	25	20	32	24	19	31	24	19	29	23	19	17

IES Indoor Report

Photometric Filename:LN60HE1H-CM-T2.IES

Unified Glare Rating Table

Lum. Name: LN60HE1H-CM-T2	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	22.8	24.6	23.3	24.9	25.3	19.4	21.1	19.8	21.5	21.9
	28.1	29.7	28.6	30.1	30.5	19.8	21.4	20.3	21.8	22.2
	29.8	31.3	30.2	31.7	32.1	19.9	21.4	20.3	21.8	22.2
	30.1	31.5	30.6	31.9	32.4	19.9	21.3	20.3	21.7	22.2
	30.1	31.4	30.6	31.9	32.4	19.9	21.2	20.4	21.7	22.1
	30.1	31.4	30.6	31.8	32.3	19.9	21.2	20.4	21.6	22.1
X=4H Y=2H	23.2	24.7	23.6	25.1	25.5	20.5	22.0	20.9	22.4	22.8
	28.6	29.8	29.0	30.3	30.8	20.9	22.1	21.3	22.6	23.1
	30.2	31.4	30.7	31.8	32.4	20.9	22.1	21.4	22.5	23.0
	30.6	31.6	31.1	32.1	32.7	20.9	22.0	21.4	22.5	23.0
	30.6	31.6	31.1	32.1	32.6	21.0	21.9	21.5	22.4	23.0
	30.6	31.5	31.1	32.0	32.6	21.0	21.9	21.6	22.4	23.0
X=8H Y=4H	30.2	31.1	30.7	31.6	32.2	21.7	22.7	22.2	23.2	23.7
	30.6	31.4	31.1	31.9	32.6	21.8	22.6	22.3	23.1	23.8
	30.6	31.3	31.2	31.9	32.4	21.8	22.5	22.4	23.1	23.6
	30.6	31.2	31.2	31.8	32.4	21.9	22.5	22.5	23.1	23.7
X=12H Y=4H	30.2	31.0	30.7	31.6	32.1	21.9	22.7	22.4	23.3	23.8
	30.6	31.3	31.2	31.8	32.4	21.9	22.6	22.5	23.2	23.8
	30.6	31.2	31.2	31.8	32.4	22.0	22.6	22.5	23.2	23.8
Variations with the objerver position at spacings										
S=1.0H	1.6/-2.0					0.3/-0.3				
S=1.5H	2.2/-3.2					1.0/-0.7				
S=2.0H	1.5/-2.7					3.9/-3.1				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	4.2					1.6				

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

IES Indoor Report

Photometric Filename:LN60HE1H-CM-T2.IES

Candela Tabulation

V/H	C0. 0	C45. 0	C90. 0	C135. 0	C180. 0	C225. 0	C270. 0	C315. 0
γ 0. 0	2003. 93	2003. 93	2003. 93	2003. 93	2003. 93	2003. 93	2003. 93	2003. 93
γ 2. 0	2010. 28	2026. 22	2031. 84	2024. 60	2001. 86	1983. 22	1978. 63	1988. 20
γ 4. 0	2023. 62	2053. 26	2060. 92	2047. 83	2006. 44	1967. 30	1953. 88	1975. 70
γ 6. 0	2043. 69	2082. 48	2090. 29	2073. 81	2018. 12	1954. 55	1931. 30	1966. 66
γ 8. 0	2067. 04	2114. 03	2118. 87	2100. 60	2034. 77	1944. 69	1908. 69	1960. 80
γ 10. 0	2092. 55	2147. 15	2146. 15	2128. 08	2055. 06	1937. 92	1885. 57	1956. 69
γ 12. 0	2121. 31	2178. 94	2172. 05	2156. 74	2078. 00	1932. 07	1863. 06	1952. 93
γ 14. 0	2152. 78	2213. 18	2195. 87	2186. 51	2104. 18	1927. 43	1837. 46	1950. 44
γ 16. 0	2184. 05	2248. 90	2215. 88	2217. 75	2133. 07	1925. 14	1810. 46	1949. 03
γ 18. 0	2215. 49	2285. 91	2233. 26	2250. 70	2163. 41	1923. 17	1782. 38	1947. 96
γ 20. 0	2246. 24	2323. 57	2246. 25	2285. 17	2194. 91	1920. 58	1752. 83	1945. 40
γ 22. 0	2276. 21	2359. 92	2256. 97	2319. 64	2225. 98	1916. 34	1721. 38	1940. 86
γ 24. 0	2305. 28	2395. 76	2267. 57	2352. 55	2255. 57	1910. 18	1689. 54	1932. 85
γ 26. 0	2332. 60	2429. 95	2278. 31	2384. 58	2282. 93	1903. 42	1659. 03	1923. 04
γ 28. 0	2358. 74	2461. 04	2287. 66	2412. 99	2308. 18	1895. 65	1628. 02	1911. 31
γ 30. 0	2383. 44	2488. 54	2292. 38	2437. 77	2333. 44	1885. 98	1596. 03	1896. 68
γ 32. 0	2406. 39	2511. 43	2289. 66	2458. 14	2358. 84	1872. 13	1563. 70	1877. 81
γ 34. 0	2430. 55	2527. 74	2278. 49	2475. 07	2381. 34	1854. 64	1531. 91	1854. 45
γ 36. 0	2458. 96	2535. 91	2259. 37	2484. 66	2402. 32	1833. 09	1497. 85	1829. 31
γ 38. 0	2490. 91	2535. 05	2233. 42	2486. 20	2425. 48	1807. 55	1464. 50	1801. 80
γ 40. 0	2531. 23	2523. 24	2202. 31	2477. 46	2454. 73	1778. 45	1429. 46	1771. 89
γ 42. 0	2577. 84	2500. 22	2166. 10	2458. 20	2491. 57	1744. 42	1393. 35	1738. 24
γ 44. 0	2626. 29	2471. 62	2127. 50	2429. 34	2532. 29	1706. 82	1358. 54	1700. 74
γ 46. 0	2681. 65	2438. 72	2078. 35	2393. 96	2576. 64	1668. 26	1326. 69	1660. 67
γ 48. 0	2748. 29	2400. 50	2019. 63	2353. 66	2627. 56	1627. 38	1294. 08	1620. 09
γ 50. 0	2827. 92	2352. 63	1951. 08	2305. 40	2690. 84	1585. 50	1259. 76	1574. 59
γ 52. 0	2928. 81	2296. 12	1868. 97	2247. 03	2767. 70	1539. 24	1223. 05	1525. 02
γ 54. 0	3047. 75	2221. 29	1772. 63	2172. 67	2845. 44	1489. 24	1182. 24	1474. 15
γ 56. 0	3180. 63	2122. 12	1652. 77	2078. 32	2940. 32	1434. 49	1134. 59	1422. 41
γ 58. 0	3318. 05	2008. 22	1509. 61	1973. 32	3062. 79	1379. 72	1094. 50	1367. 26
γ 60. 0	3510. 19	1877. 19	1345. 10	1857. 02	3169. 28	1322. 32	1061. 87	1310. 13
γ 62. 0	3723. 03	1701. 24	1147. 61	1699. 13	3299. 85	1257. 97	1029. 24	1245. 96
γ 64. 0	4018. 41	1448. 47	913. 23	1471. 68	3516. 91	1184. 30	947. 54	1172. 96
γ 66. 0	4483. 50	1097. 19	650. 01	1178. 05	3777. 63	1093. 40	876. 65	1086. 67
γ 68. 0	5145. 84	692. 25	419. 89	812. 22	4167. 38	992. 40	802. 94	983. 66
γ 70. 0	5491. 49	382. 09	282. 39	469. 82	4807. 90	872. 08	715. 08	859. 20
γ 72. 0	5082. 91	253. 49	218. 11	280. 84	5252. 55	734. 32	608. 41	707. 06
γ 74. 0	3974. 70	205. 89	182. 98	212. 11	5049. 53	582. 05	413. 76	536. 98
γ 76. 0	2693. 95	171. 80	155. 09	174. 26	4076. 39	421. 06	269. 71	362. 76
γ 78. 0	1563. 60	143. 41	132. 96	144. 19	2838. 23	273. 12	196. 87	218. 25
γ 80. 0	679. 29	121. 93	114. 72	121. 14	1625. 82	170. 55	142. 12	140. 35
γ 82. 0	236. 14	105. 97	100. 59	105. 76	741. 68	122. 23	94. 72	105. 87
γ 84. 0	118. 12	95. 50	90. 74	94. 12	289. 56	95. 96	72. 18	84. 73
γ 86. 0	82. 06	89. 22	82. 82	86. 88	132. 44	82. 02	59. 86	71. 35
γ 88. 0	67. 60	84. 03	78. 36	82. 86	94. 58	73. 26	54. 78	64. 20
γ 90. 0	57. 34	70. 52	63. 99	73. 97	83. 15	65. 96	51. 30	58. 66
γ 92. 0	64. 83	74. 56	71. 54	75. 69	83. 93	55. 13	45. 84	52. 11

IES Indoor Report

Photometric Filename:LN60HE1H-CM-T2.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	76. 05	71. 03	70. 35	70. 53	106. 95	62. 63	50. 76	55. 04
γ 96. 0	77. 15	69. 38	60. 18	69. 51	120. 40	61. 37	54. 28	55. 19
γ 98. 0	89. 23	67. 59	49. 24	67. 83	136. 88	60. 05	54. 37	52. 42
γ 100. 0	112. 11	64. 09	48. 08	64. 71	192. 49	58. 22	54. 05	49. 10
γ 102. 0	137. 25	60. 28	46. 46	62. 01	268. 93	55. 99	54. 30	46. 43
γ 104. 0	154. 41	57. 13	45. 08	59. 31	324. 42	57. 46	54. 15	44. 69
γ 106. 0	150. 99	54. 41	49. 20	57. 59	340. 83	59. 11	51. 17	41. 72
γ 108. 0	139. 66	53. 50	52. 02	58. 92	300. 67	56. 40	47. 68	39. 84
γ 110. 0	122. 96	56. 74	54. 92	65. 30	241. 01	52. 10	43. 53	38. 28
γ 112. 0	99. 64	59. 91	56. 49	69. 12	169. 49	45. 98	39. 88	35. 92
γ 114. 0	78. 26	58. 58	56. 38	66. 08	109. 61	42. 32	36. 08	34. 06
γ 116. 0	62. 61	54. 98	52. 65	60. 48	83. 09	39. 17	33. 31	31. 96
γ 118. 0	51. 97	51. 08	49. 18	54. 63	65. 87	35. 58	30. 51	29. 82
γ 120. 0	46. 18	47. 96	45. 80	50. 07	55. 80	33. 38	28. 70	28. 43
γ 122. 0	42. 12	45. 15	43. 31	46. 21	48. 63	31. 40	27. 17	27. 47
γ 124. 0	40. 00	43. 13	40. 72	43. 33	43. 81	29. 60	25. 87	26. 81
γ 126. 0	38. 61	39. 50	38. 65	40. 58	39. 85	28. 18	24. 87	26. 04
γ 128. 0	37. 10	36. 90	36. 39	37. 75	37. 87	27. 46	24. 25	25. 53
γ 130. 0	35. 80	35. 40	34. 56	36. 05	36. 45	26. 08	23. 67	24. 62
γ 132. 0	34. 73	33. 46	33. 29	34. 26	35. 96	25. 48	22. 92	23. 79
γ 134. 0	33. 68	32. 24	31. 77	32. 35	35. 31	24. 92	22. 50	23. 54
γ 136. 0	32. 30	31. 84	30. 95	31. 07	34. 87	24. 39	22. 36	23. 38
γ 138. 0	31. 33	31. 71	29. 81	29. 84	33. 99	24. 30	21. 88	23. 58
γ 140. 0	29. 47	30. 74	28. 73	29. 03	33. 10	24. 02	21. 64	24. 12
γ 142. 0	27. 94	29. 54	27. 85	28. 20	31. 22	23. 89	21. 44	24. 60
γ 144. 0	27. 19	28. 87	26. 94	27. 33	29. 57	23. 58	21. 33	24. 49
γ 146. 0	26. 69	27. 95	25. 86	26. 39	28. 59	23. 28	21. 25	24. 29
γ 148. 0	26. 43	27. 17	25. 51	25. 50	27. 81	23. 24	20. 67	24. 05
γ 150. 0	25. 93	26. 72	25. 14	24. 90	27. 27	23. 02	20. 86	23. 78
γ 152. 0	25. 51	26. 19	24. 68	24. 22	27. 05	23. 02	21. 02	23. 73
γ 154. 0	25. 10	25. 75	24. 29	23. 85	26. 74	22. 98	21. 03	23. 62
γ 156. 0	24. 78	25. 38	24. 15	23. 51	26. 29	23. 09	21. 31	23. 56
γ 158. 0	24. 05	24. 96	23. 97	23. 19	25. 75	22. 99	21. 30	23. 29
γ 160. 0	23. 80	24. 86	23. 64	22. 81	25. 23	23. 14	21. 44	23. 24
γ 162. 0	23. 69	24. 57	23. 41	22. 35	24. 94	22. 91	21. 53	23. 30
γ 164. 0	23. 35	24. 00	23. 25	22. 08	24. 54	22. 77	21. 55	23. 11
γ 166. 0	23. 19	23. 94	23. 07	22. 00	24. 25	22. 64	21. 55	23. 08
γ 168. 0	22. 91	23. 77	22. 91	21. 82	23. 90	22. 56	21. 68	22. 92
γ 170. 0	22. 93	23. 53	22. 83	21. 64	23. 58	22. 54	21. 68	22. 84
γ 172. 0	23. 19	23. 32	22. 69	21. 68	23. 55	22. 77	21. 93	22. 64
γ 174. 0	23. 12	23. 16	22. 51	21. 61	23. 30	22. 65	21. 91	22. 49
γ 176. 0	23. 03	23. 16	22. 55	21. 84	23. 09	22. 74	21. 82	22. 56
γ 178. 0	23. 06	22. 98	22. 54	22. 19	22. 95	22. 92	22. 10	22. 26
γ 180. 0	22. 80	22. 80	22. 80	22. 80	22. 80	22. 80	22. 80	22. 80