

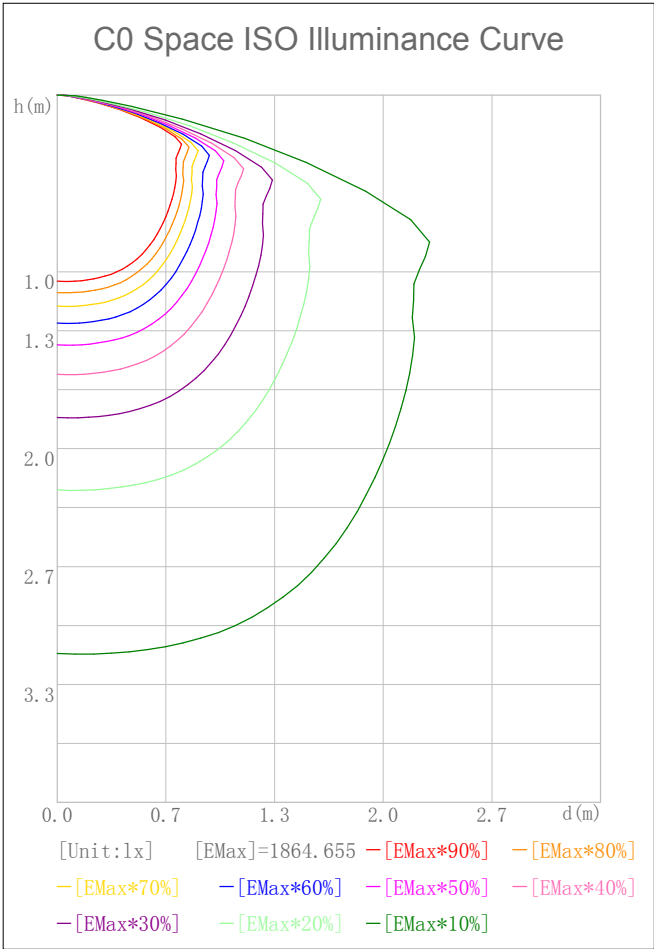
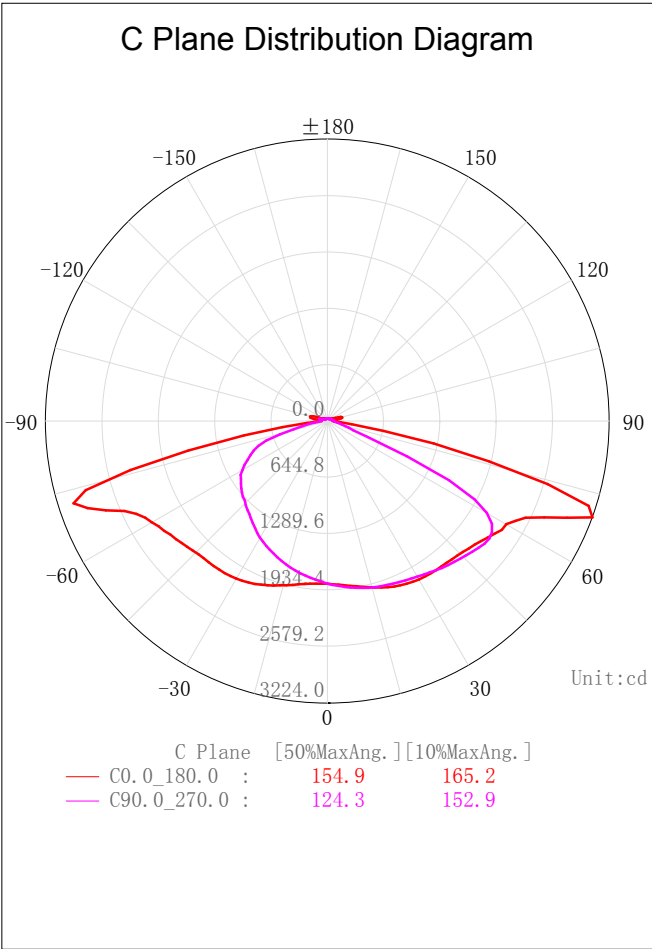
Indoor Luminaire Photometric Data

Description Information

Luminary Name: LN60HE1H-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

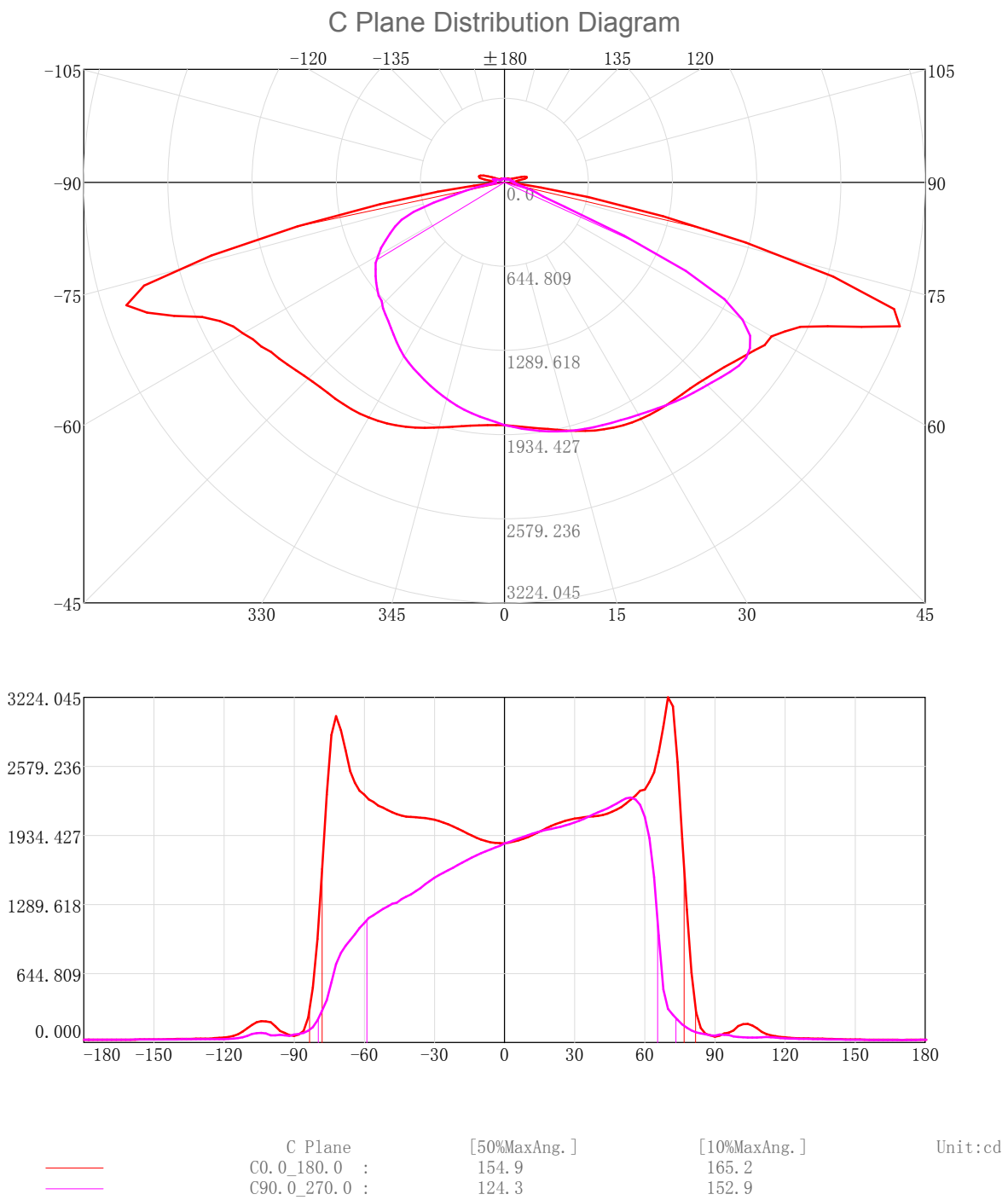
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 9500.000	Luminary Flux(lm): 9442.725	Field Angle(10%Imax): 165.2(°)
Rated Power(W):	Luminary Efficiency: 99.40%	Down Lumens&Percent: 9086.116lm 96.22%
Rated Voltage(V):	Luminary EER(lm/W): 155.206	Up Lumens&Percent: 356.609lm 3.78%
Tested Power(W): 60.840	Max. Candela(cd): 3224.045	S/MH: C0_a180=1.707 C90_270=1.487
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): 154.9(°)	ErP Φuse(120°): 6210.437lm
Lamp Size(W*L*H):0.420m*0.420m*0.475m	Left=-78.0°, Right=76.9°	IRF(%): 80.102



2D Plane Light Intensity Distribution Curve

Lum. Name: LN60HE1H-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

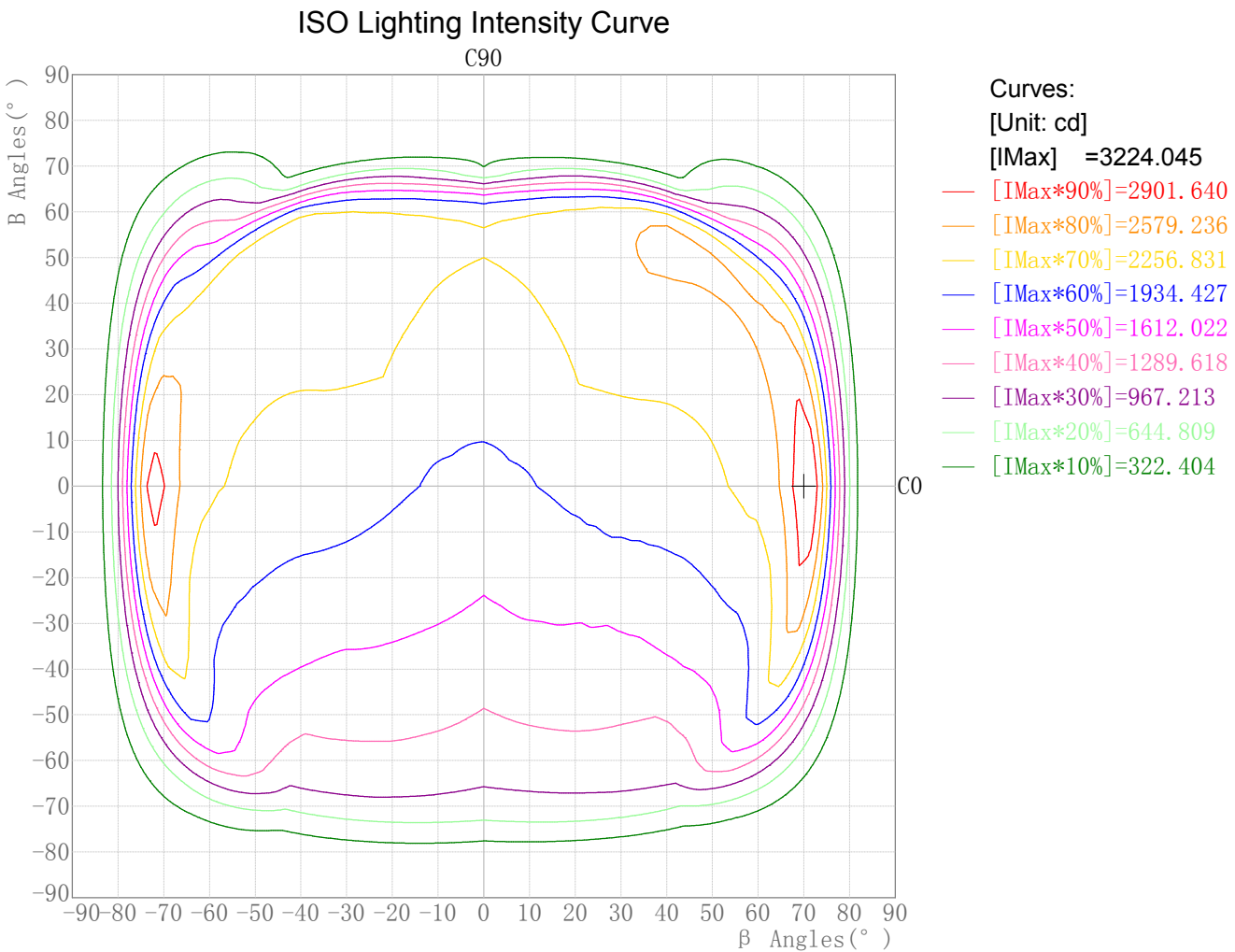
Photometric Filename:LN60HE1H-CM-T3.IES

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	7. 12	7. 12	0. 07	0. 07	94. 0-96. 0	17. 92	9137. 14	0. 19	96. 18
2. 0-4. 0	21. 36	28. 48	0. 22	0. 30	96. 0-98. 0	18. 37	9155. 51	0. 19	96. 37
4. 0-6. 0	35. 62	64. 10	0. 37	0. 67	98. 0-100. 0	19. 63	9175. 15	0. 21	96. 58
6. 0-8. 0	49. 95	114. 05	0. 53	1. 20	100. 0-102. 0	20. 92	9196. 07	0. 22	96. 80
8. 0-10. 0	64. 35	178. 40	0. 68	1. 88	102. 0-104. 0	21. 64	9217. 71	0. 23	97. 03
10. 0-12. 0	78. 81	257. 20	0. 83	2. 71	104. 0-106. 0	21. 75	9239. 47	0. 23	97. 26
12. 0-14. 0	93. 34	350. 54	0. 98	3. 69	106. 0-108. 0	20. 85	9260. 31	0. 22	97. 48
14. 0-16. 0	107. 94	458. 48	1. 14	4. 83	108. 0-110. 0	18. 61	9278. 92	0. 20	97. 67
16. 0-18. 0	122. 59	581. 08	1. 29	6. 12	110. 0-112. 0	15. 67	9294. 59	0. 16	97. 84
18. 0-20. 0	137. 23	718. 31	1. 44	7. 56	112. 0-114. 0	12. 95	9307. 55	0. 14	97. 97
20. 0-22. 0	151. 72	870. 02	1. 60	9. 16	114. 0-116. 0	11. 02	9318. 57	0. 12	98. 09
22. 0-24. 0	166. 19	1036. 21	1. 75	10. 91	116. 0-118. 0	9. 81	9328. 38	0. 10	98. 19
24. 0-26. 0	180. 50	1216. 72	1. 90	12. 81	118. 0-120. 0	8. 82	9337. 21	0. 09	98. 29
26. 0-28. 0	194. 68	1411. 40	2. 05	14. 86	120. 0-122. 0	8. 09	9345. 29	0. 09	98. 37
28. 0-30. 0	208. 80	1620. 20	2. 20	17. 05	122. 0-124. 0	7. 51	9352. 81	0. 08	98. 45
30. 0-32. 0	222. 30	1842. 50	2. 34	19. 39	124. 0-126. 0	7. 02	9359. 83	0. 07	98. 52
32. 0-34. 0	235. 35	2077. 86	2. 48	21. 87	126. 0-128. 0	6. 60	9366. 43	0. 07	98. 59
34. 0-36. 0	248. 01	2325. 87	2. 61	24. 48	128. 0-130. 0	6. 25	9372. 68	0. 07	98. 66
36. 0-38. 0	260. 37	2586. 24	2. 74	27. 22	130. 0-132. 0	5. 90	9378. 58	0. 06	98. 72
38. 0-40. 0	272. 38	2858. 62	2. 87	30. 09	132. 0-134. 0	5. 58	9384. 16	0. 06	98. 78
40. 0-42. 0	283. 85	3142. 46	2. 99	33. 08	134. 0-136. 0	5. 30	9389. 46	0. 06	98. 84
42. 0-44. 0	295. 03	3437. 50	3. 11	36. 18	136. 0-138. 0	5. 05	9394. 51	0. 05	98. 89
44. 0-46. 0	305. 74	3743. 24	3. 22	39. 40	138. 0-140. 0	4. 78	9399. 29	0. 05	98. 94
46. 0-48. 0	316. 44	4059. 68	3. 33	42. 73	140. 0-142. 0	4. 49	9403. 78	0. 05	98. 99
48. 0-50. 0	327. 18	4386. 86	3. 44	46. 18	142. 0-144. 0	4. 20	9407. 98	0. 04	99. 03
50. 0-52. 0	337. 65	4724. 51	3. 55	49. 73	144. 0-146. 0	3. 91	9411. 89	0. 04	99. 07
52. 0-54. 0	347. 74	5072. 25	3. 66	53. 39	146. 0-148. 0	3. 64	9415. 53	0. 04	99. 11
54. 0-56. 0	357. 26	5429. 52	3. 76	57. 15	148. 0-150. 0	3. 39	9418. 91	0. 04	99. 15
56. 0-58. 0	365. 61	5795. 13	3. 85	61. 00	150. 0-152. 0	3. 15	9422. 06	0. 03	99. 18
58. 0-60. 0	371. 60	6166. 73	3. 91	64. 91	152. 0-154. 0	2. 91	9424. 98	0. 03	99. 21
60. 0-62. 0	375. 06	6541. 79	3. 95	68. 86	154. 0-156. 0	2. 68	9427. 66	0. 03	99. 24
62. 0-64. 0	374. 90	6916. 70	3. 95	72. 81	156. 0-158. 0	2. 45	9430. 11	0. 03	99. 26
64. 0-66. 0	367. 77	7284. 46	3. 87	76. 68	158. 0-160. 0	2. 23	9432. 34	0. 02	99. 29
66. 0-68. 0	351. 21	7635. 68	3. 70	80. 38	160. 0-162. 0	2. 00	9434. 33	0. 02	99. 31
68. 0-70. 0	324. 69	7960. 37	3. 42	83. 79	162. 0-164. 0	1. 77	9436. 10	0. 02	99. 33
70. 0-72. 0	287. 47	8247. 83	3. 03	86. 82	164. 0-166. 0	1. 55	9437. 66	0. 02	99. 34
72. 0-74. 0	244. 45	8492. 29	2. 57	89. 39	166. 0-168. 0	1. 34	9439. 00	0. 01	99. 36
74. 0-76. 0	197. 22	8689. 50	2. 08	91. 47	168. 0-170. 0	1. 13	9440. 13	0. 01	99. 37
76. 0-78. 0	145. 86	8835. 37	1. 54	93. 00	170. 0-172. 0	0. 93	9441. 06	0. 01	99. 38
78. 0-80. 0	96. 99	8932. 36	1. 02	94. 02	172. 0-174. 0	0. 73	9441. 79	0. 01	99. 39
80. 0-82. 0	58. 64	8991. 00	0. 62	94. 64	174. 0-176. 0	0. 52	9442. 31	0. 01	99. 39
82. 0-84. 0	35. 56	9026. 56	0. 37	95. 02	176. 0-178. 0	0. 31	9442. 62	0. 00	99. 40
84. 0-86. 0	24. 01	9050. 57	0. 25	95. 27	178. 0-180. 0	0. 10	9442. 73	0. 00	99. 40
86. 0-88. 0	18. 92	9069. 49	0. 20	95. 47					
88. 0-90. 0	16. 63	9086. 12	0. 18	95. 64					
90. 0-92. 0	16. 04	9102. 15	0. 17	95. 81					
92. 0-94. 0	17. 07	9119. 22	0. 18	95. 99					

Rectangle ISO Lighting Intensity Diagram

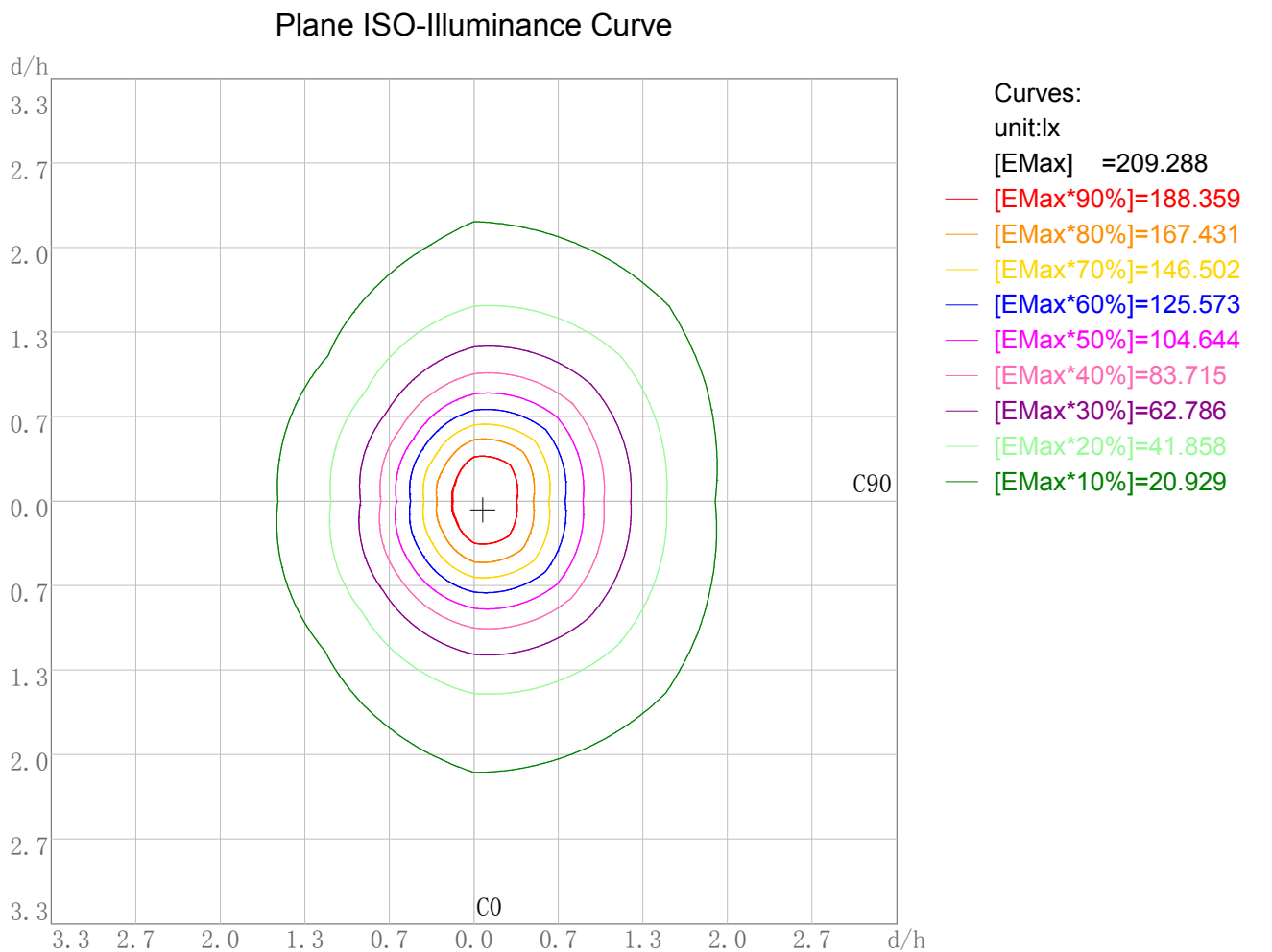
Lum. Name: LN60HE1H-CM-T3	Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22



Maximum Light Intensity(cd): 3224.04
Maximum Cand.@Angle: H=70.0°,V=0.0°

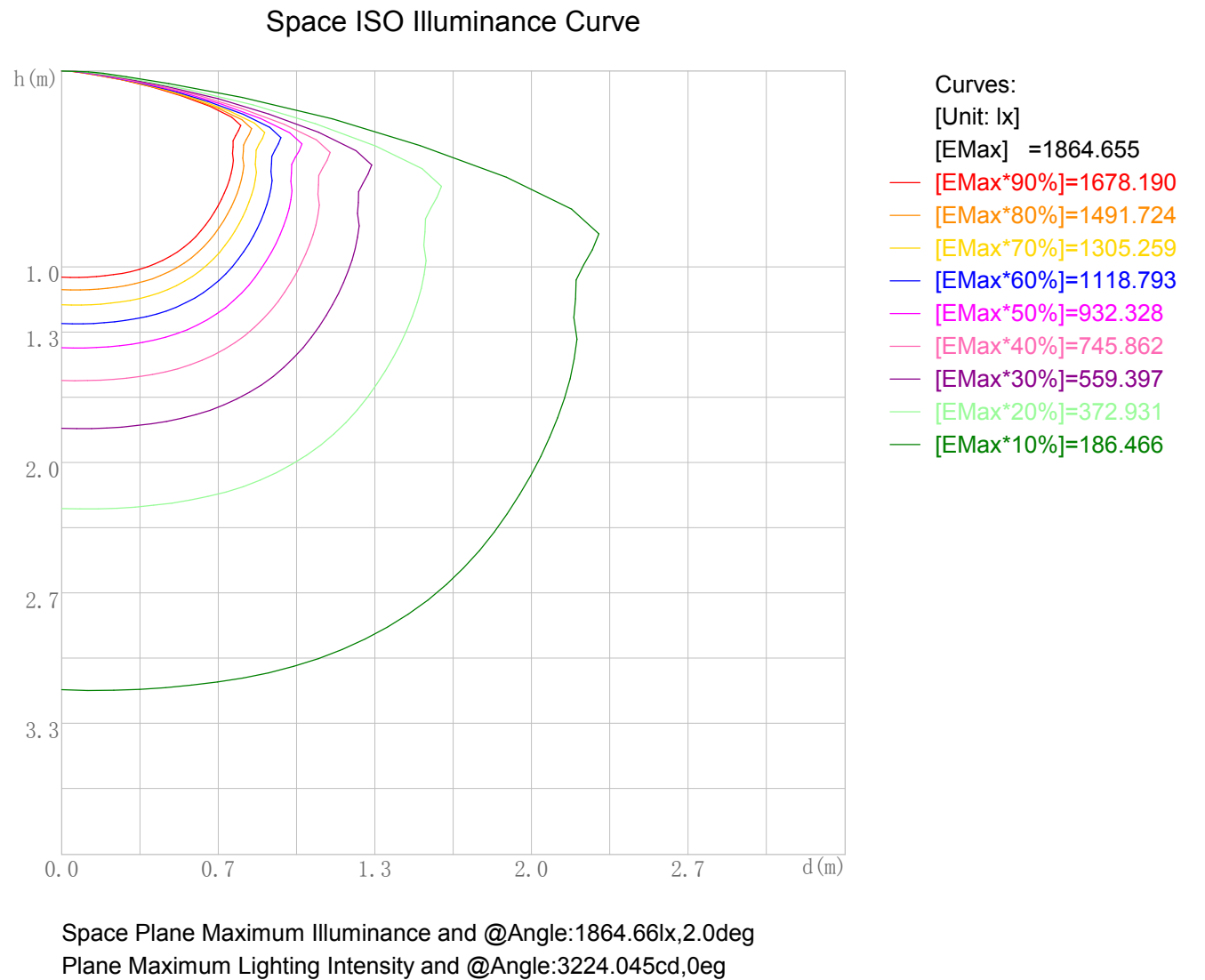
Plane ISO-Illuminance Diagram

Lum. Name: LN60HE1H-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



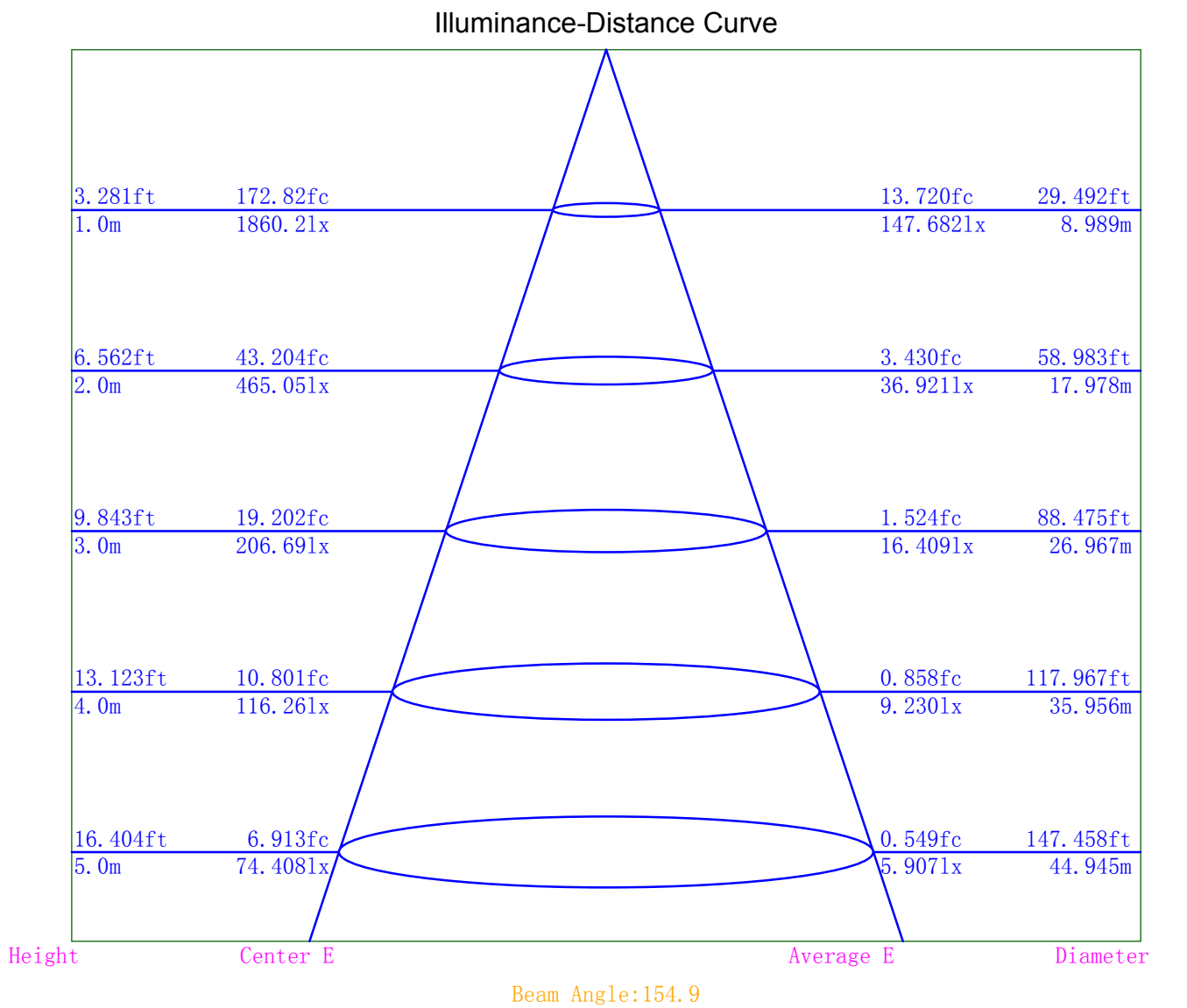
Space ISO Illuminance Diagram

Lum. Name: LN60HE1H-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: LN60HE1H-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: LN60HE1H-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

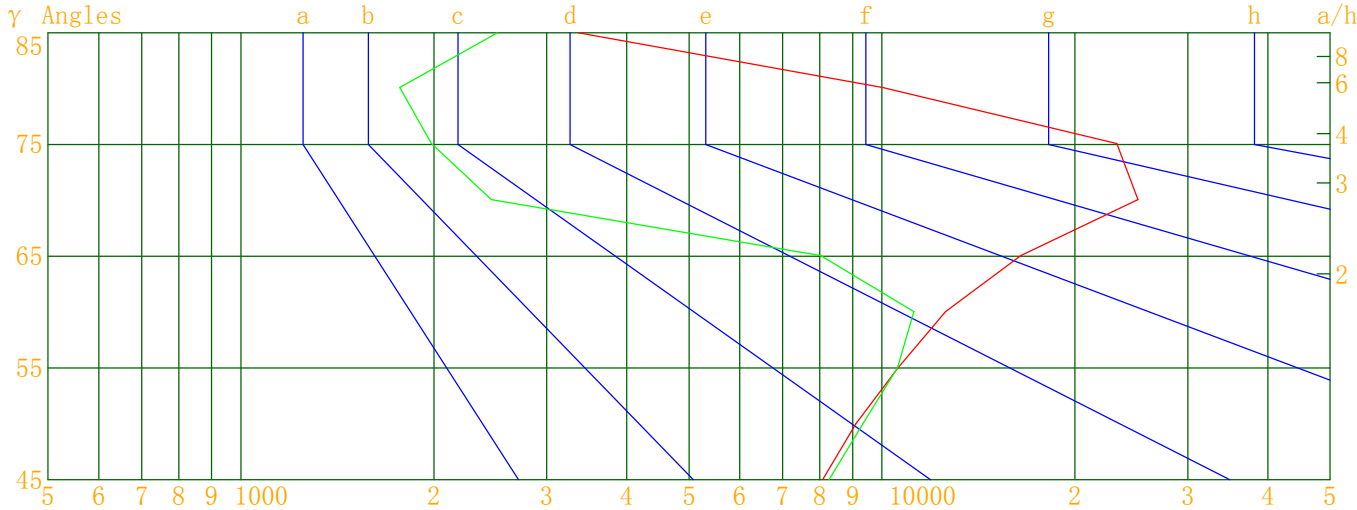
Glare Grade Table

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	8079	9105	10606	12565	16470	25077	23256	10028	3362
C90	8267	9342	10572	11208	8024	2458	1982	1769	2512

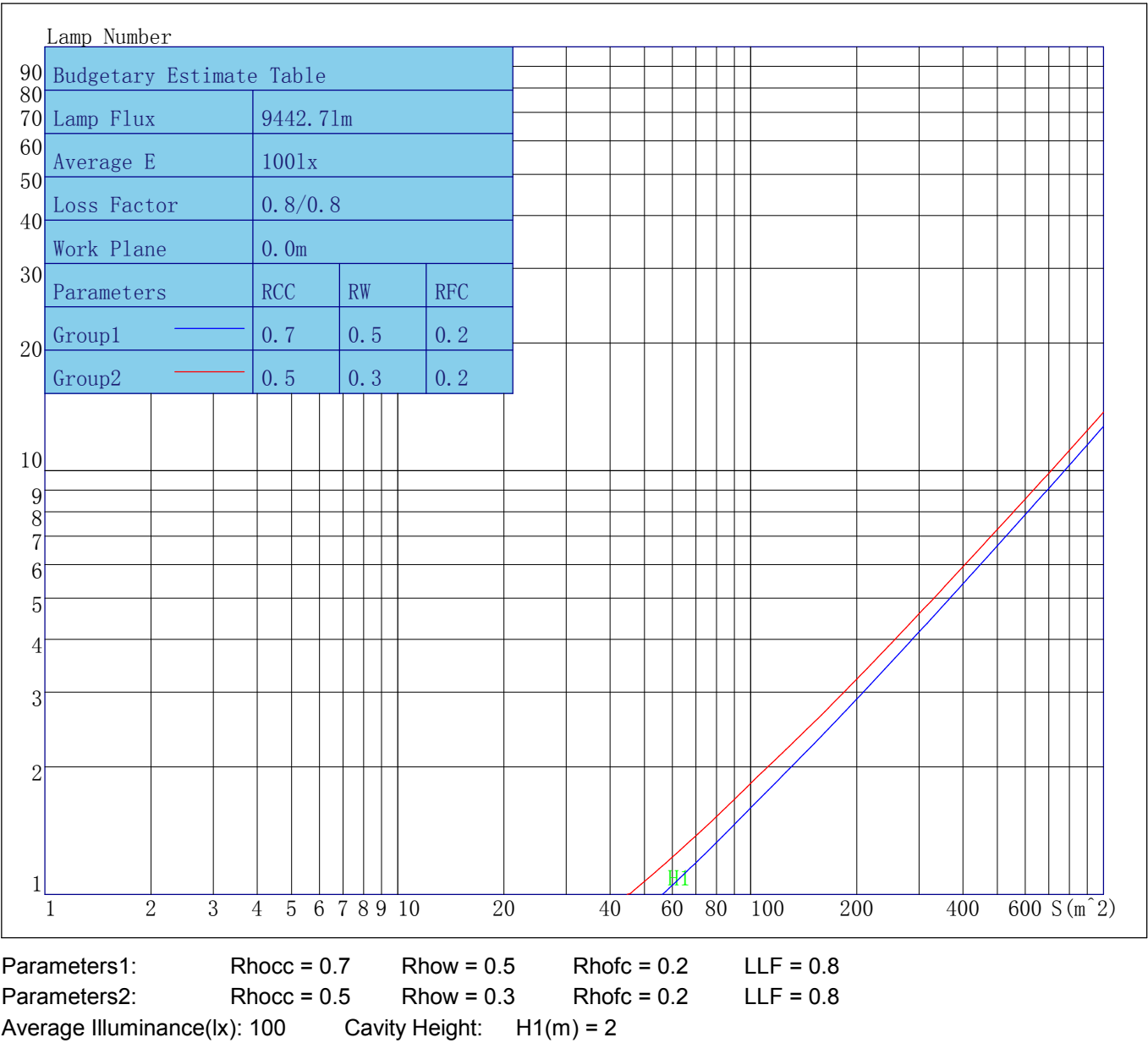
Luminance Limiting Curve



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-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 Coefficient of Utilization Table

Lum. Name: LN60HE1H-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	117	117	117	117	114	114	114	114	108	108	108	103	103	103	98	98	98	96
1	106	100	95	91	103	98	93	89	93	89	86	88	85	82	84	82	79	77
2	94	85	77	71	91	83	76	70	79	73	68	75	70	65	71	67	63	61
3	85	73	64	57	82	71	63	56	67	60	54	64	58	53	61	56	51	49
4	77	63	54	46	74	62	53	46	59	51	44	56	49	43	53	47	42	40
5	70	56	46	38	67	54	45	38	52	43	37	49	42	36	47	41	36	33
6	64	49	40	33	62	48	39	32	46	38	32	44	37	31	42	35	30	28
7	59	44	35	28	57	43	34	28	41	33	27	39	32	27	38	31	26	24
8	54	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	16

IES Indoor Report

Photometric Filename:LN60HE1H-CM-T3.IES

Unified Glare Rating Table

Lum. Name: LN60HE1H-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 Y=3H Y=4H Y=6H Y=8H Y=12H	21.6	23.3	22.0	23.7	24.1	21.7	23.4	22.1	23.8	24.2
	25.7	27.3	26.1	27.7	28.1	22.5	24.0	22.9	24.4	24.9
	27.3	28.8	27.7	29.2	29.6	22.5	23.9	22.9	24.4	24.8
	27.8	29.1	28.2	29.6	30.1	22.5	23.8	22.9	24.3	24.7
	27.8	29.1	28.3	29.6	30.0	22.4	23.8	22.9	24.2	24.7
	27.8	29.0	28.3	29.5	30.0	22.4	23.7	22.9	24.2	24.7
X=4H Y=2H Y=3H Y=4H Y=6H Y=8H Y=12H	22.6	24.1	23.0	24.5	24.9	23.0	24.5	23.5	24.9	25.4
	26.5	27.8	27.0	28.2	28.7	23.8	25.1	24.3	25.5	26.0
	28.1	29.2	28.5	29.7	30.2	23.8	25.0	24.3	25.4	26.0
	28.6	29.6	29.1	30.1	30.6	23.8	24.8	24.4	25.3	25.9
	28.6	29.5	29.1	30.1	30.6	23.8	24.8	24.4	25.3	25.8
	28.6	29.5	29.2	30.0	30.5	23.9	24.7	24.4	25.2	25.8
X=8H Y=4H Y=6H Y=8H Y=12H	28.1	29.0	28.6	29.5	30.1	24.1	25.0	24.6	25.5	26.1
	28.7	29.4	29.2	30.0	30.6	24.1	24.9	24.7	25.4	26.1
	28.7	29.4	29.3	29.9	30.5	24.1	24.8	24.7	25.4	25.9
	28.7	29.3	29.3	29.9	30.5	24.2	24.8	24.7	25.3	25.9
X=12H Y=4H Y=6H Y=8H	28.1	28.9	28.6	29.4	30.0	24.1	24.9	24.7	25.5	26.0
	28.6	29.3	29.2	29.8	30.5	24.2	24.8	24.7	25.3	26.0
	28.7	29.3	29.3	29.8	30.5	24.2	24.8	24.7	25.3	26.0
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/−2.2					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:LN60HE1H-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	1860. 20	1860. 20	1860. 20	1860. 20	1860. 20	1860. 20	1860. 20	1860. 20
γ 2. 0	1868. 07	1878. 22	1874. 41	1870. 09	1861. 90	1847. 26	1838. 33	1843. 98
γ 4. 0	1877. 09	1895. 56	1890. 99	1884. 94	1864. 35	1834. 85	1821. 28	1826. 41
γ 6. 0	1888. 72	1914. 61	1906. 47	1891. 00	1871. 30	1824. 49	1803. 96	1819. 63
γ 8. 0	1903. 21	1935. 19	1921. 74	1914. 71	1882. 59	1815. 68	1786. 34	1819. 16
γ 10. 0	1919. 36	1956. 67	1936. 82	1939. 17	1897. 09	1807. 88	1769. 07	1805. 01
γ 12. 0	1938. 83	1980. 90	1951. 22	1955. 47	1914. 58	1801. 62	1748. 84	1808. 45
γ 14. 0	1959. 66	2006. 23	1964. 66	1986. 44	1934. 28	1796. 56	1727. 08	1798. 10
γ 16. 0	1981. 08	2034. 17	1976. 58	2011. 98	1955. 15	1792. 29	1705. 11	1796. 06
γ 18. 0	2002. 60	2064. 76	1987. 00	2038. 30	1976. 68	1788. 16	1682. 36	1798. 27
γ 20. 0	2023. 36	2095. 57	1996. 46	2071. 44	1998. 89	1783. 69	1658. 27	1785. 12
γ 22. 0	2040. 69	2125. 29	2006. 17	2101. 74	2019. 60	1779. 02	1634. 25	1766. 42
γ 24. 0	2056. 59	2156. 36	2016. 56	2132. 07	2038. 35	1773. 86	1610. 59	1772. 49
γ 26. 0	2070. 93	2190. 28	2027. 92	2163. 56	2054. 42	1767. 37	1587. 55	1740. 83
γ 28. 0	2083. 46	2223. 91	2041. 60	2195. 74	2068. 42	1759. 53	1563. 97	1745. 11
γ 30. 0	2093. 19	2255. 46	2056. 28	2226. 93	2081. 18	1750. 68	1538. 29	1736. 82
γ 32. 0	2098. 64	2284. 62	2072. 32	2256. 44	2090. 58	1740. 42	1509. 84	1697. 63
γ 34. 0	2104. 82	2311. 41	2089. 87	2284. 99	2096. 32	1727. 99	1476. 96	1682. 81
γ 36. 0	2110. 15	2336. 61	2109. 81	2311. 17	2100. 84	1714. 56	1443. 64	1643. 34
γ 38. 0	2113. 65	2359. 53	2130. 49	2335. 18	2105. 06	1697. 84	1414. 54	1637. 11
γ 40. 0	2118. 21	2379. 31	2149. 93	2356. 38	2106. 76	1678. 61	1385. 11	1608. 14
γ 42. 0	2126. 64	2396. 04	2167. 98	2371. 42	2110. 41	1656. 67	1363. 41	1589. 48
γ 44. 0	2138. 96	2412. 82	2186. 40	2384. 48	2119. 25	1631. 58	1341. 00	1563. 61
γ 46. 0	2155. 66	2432. 34	2208. 54	2397. 38	2133. 64	1604. 47	1307. 81	1526. 73
γ 48. 0	2175. 74	2450. 09	2232. 92	2412. 27	2150. 98	1575. 80	1297. 14	1504. 58
γ 50. 0	2200. 06	2470. 41	2257. 26	2428. 95	2171. 20	1547. 43	1272. 06	1480. 34
γ 52. 0	2231. 79	2497. 31	2280. 09	2451. 31	2193. 20	1517. 54	1247. 59	1450. 76
γ 54. 0	2267. 27	2531. 79	2289. 13	2479. 30	2212. 08	1483. 90	1220. 57	1412. 20
γ 56. 0	2306. 22	2573. 40	2269. 60	2511. 37	2248. 01	1444. 94	1190. 17	1378. 61
γ 58. 0	2351. 44	2614. 26	2220. 15	2538. 40	2272. 03	1403. 72	1165. 35	1316. 53
γ 60. 0	2361. 52	2647. 30	2106. 61	2554. 34	2315. 56	1359. 88	1117. 03	1283. 77
γ 62. 0	2434. 29	2671. 71	1908. 82	2565. 01	2353. 08	1314. 23	1070. 03	1221. 88
γ 64. 0	2522. 38	2669. 97	1546. 65	2538. 80	2425. 49	1260. 43	1012. 08	1181. 83
γ 66. 0	2710. 51	2530. 83	1002. 66	2393. 41	2534. 34	1199. 88	959. 40	1115. 46
γ 68. 0	2951. 96	2094. 36	497. 23	2005. 44	2729. 48	1137. 24	903. 78	1069. 44
γ 70. 0	3224. 04	1306. 67	316. 02	1300. 91	2915. 07	1063. 07	839. 05	1019. 29
γ 72. 0	3138. 73	536. 16	259. 90	549. 01	3047. 68	975. 14	732. 77	957. 09
γ 74. 0	2620. 32	265. 98	214. 09	273. 09	2872. 59	837. 44	563. 62	805. 33
γ 76. 0	1904. 92	205. 34	171. 65	211. 37	2316. 84	648. 70	396. 89	587. 27
γ 78. 0	1243. 13	167. 98	139. 27	173. 10	1621. 06	449. 71	301. 84	382. 35
γ 80. 0	654. 57	139. 88	115. 49	142. 91	967. 82	277. 87	209. 60	222. 06
γ 82. 0	283. 10	117. 08	97. 65	118. 96	515. 36	177. 49	144. 86	146. 81
γ 84. 0	136. 76	98. 43	85. 57	101. 59	234. 96	127. 56	112. 70	114. 93
γ 86. 0	83. 56	85. 57	79. 00	93. 08	110. 86	105. 33	91. 33	96. 85
γ 88. 0	69. 37	77. 77	69. 84	80. 80	75. 63	94. 54	80. 64	88. 01
γ 90. 0	56. 25	70. 26	65. 48	74. 47	62. 82	88. 87	75. 37	83. 04
γ 92. 0	65. 48	81. 19	75. 22	90. 44	70. 23	76. 78	64. 15	70. 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	87. 45	82. 10	73. 66	90. 84	92. 72	80. 92	69. 85	75. 64
γ 96. 0	93. 45	76. 81	70. 92	84. 69	110. 09	76. 55	73. 04	73. 31
γ 98. 0	114. 95	70. 68	57. 74	79. 21	152. 34	77. 19	69. 45	70. 16
γ 100. 0	156. 50	65. 39	54. 01	73. 60	191. 46	76. 94	68. 66	72. 04
γ 102. 0	172. 95	60. 50	51. 63	68. 43	199. 16	78. 18	86. 96	78. 47
γ 104. 0	175. 42	56. 58	49. 22	65. 32	200. 84	88. 39	92. 82	95. 68
γ 106. 0	160. 96	53. 98	49. 23	74. 18	191. 27	95. 39	89. 30	104. 47
γ 108. 0	135. 35	57. 22	49. 37	85. 78	166. 84	94. 86	81. 52	100. 79
γ 110. 0	102. 16	58. 01	51. 26	81. 23	133. 88	84. 36	64. 50	88. 76
γ 112. 0	81. 00	54. 51	52. 40	72. 42	104. 48	72. 22	49. 94	73. 49
γ 114. 0	69. 63	50. 85	51. 07	63. 20	80. 21	62. 00	42. 99	46. 05
γ 116. 0	60. 06	47. 03	47. 18	56. 51	62. 81	54. 40	38. 43	55. 02
γ 118. 0	54. 31	44. 20	44. 11	51. 56	54. 32	48. 87	34. 94	49. 67
γ 120. 0	49. 99	42. 38	41. 54	47. 15	48. 17	45. 44	33. 37	45. 86
γ 122. 0	46. 36	40. 91	39. 47	43. 86	45. 20	42. 71	32. 21	43. 72
γ 124. 0	43. 69	39. 55	38. 13	41. 64	42. 48	40. 44	31. 94	41. 34
γ 126. 0	42. 00	37. 83	36. 83	39. 25	39. 48	38. 49	32. 37	39. 74
γ 128. 0	40. 54	36. 51	35. 66	37. 25	39. 22	35. 77	34. 26	37. 92
γ 130. 0	39. 63	35. 94	34. 78	35. 78	38. 11	35. 22	33. 66	36. 45
γ 132. 0	38. 93	34. 81	33. 56	34. 51	37. 52	33. 83	32. 70	35. 25
γ 134. 0	38. 37	34. 17	32. 60	33. 49	36. 69	33. 16	32. 33	34. 38
γ 136. 0	37. 45	33. 72	31. 98	32. 64	36. 60	33. 24	32. 42	33. 85
γ 138. 0	36. 25	33. 06	31. 24	31. 77	35. 88	33. 67	32. 25	34. 10
γ 140. 0	34. 87	32. 22	30. 67	30. 78	34. 45	33. 81	31. 81	34. 50
γ 142. 0	33. 18	31. 45	30. 25	29. 79	33. 13	33. 34	31. 58	34. 75
γ 144. 0	31. 98	30. 79	29. 32	28. 98	32. 19	32. 80	31. 03	34. 26
γ 146. 0	31. 13	30. 18	28. 55	28. 44	31. 50	32. 17	30. 32	33. 79
γ 148. 0	30. 48	29. 49	28. 06	27. 72	30. 95	31. 76	29. 93	33. 11
γ 150. 0	30. 04	29. 11	27. 67	27. 17	30. 65	31. 26	29. 83	32. 51
γ 152. 0	29. 51	28. 67	27. 28	26. 77	30. 42	30. 86	29. 75	32. 17
γ 154. 0	29. 13	28. 23	27. 03	26. 42	30. 15	30. 67	29. 55	31. 67
γ 156. 0	28. 68	27. 86	26. 71	26. 03	29. 75	30. 49	29. 47	31. 30
γ 158. 0	28. 16	27. 55	26. 56	25. 78	29. 10	30. 14	29. 35	30. 98
γ 160. 0	27. 93	27. 50	26. 28	25. 56	28. 72	29. 67	29. 25	30. 54
γ 162. 0	27. 64	27. 37	25. 95	25. 16	28. 36	28. 53	28. 92	30. 08
γ 164. 0	27. 38	27. 12	25. 83	25. 00	28. 01	27. 96	28. 69	29. 74
γ 166. 0	27. 19	26. 90	25. 94	24. 86	27. 75	27. 66	28. 34	29. 44
γ 168. 0	26. 84	26. 89	26. 06	25. 00	27. 42	27. 49	27. 87	29. 17
γ 170. 0	26. 72	26. 76	26. 12	26. 25	27. 24	27. 18	27. 59	28. 92
γ 172. 0	27. 32	26. 73	26. 25	26. 51	27. 92	27. 09	27. 62	28. 70
γ 174. 0	27. 22	26. 70	26. 16	26. 49	27. 75	26. 91	27. 51	28. 49
γ 176. 0	27. 06	26. 82	26. 32	26. 58	27. 54	26. 75	27. 22	28. 13
γ 178. 0	27. 23	27. 11	26. 85	26. 91	27. 42	26. 75	27. 18	27. 98
γ 180. 0	27. 35	27. 35	27. 35	27. 35	27. 35	27. 35	27. 35	27. 35