

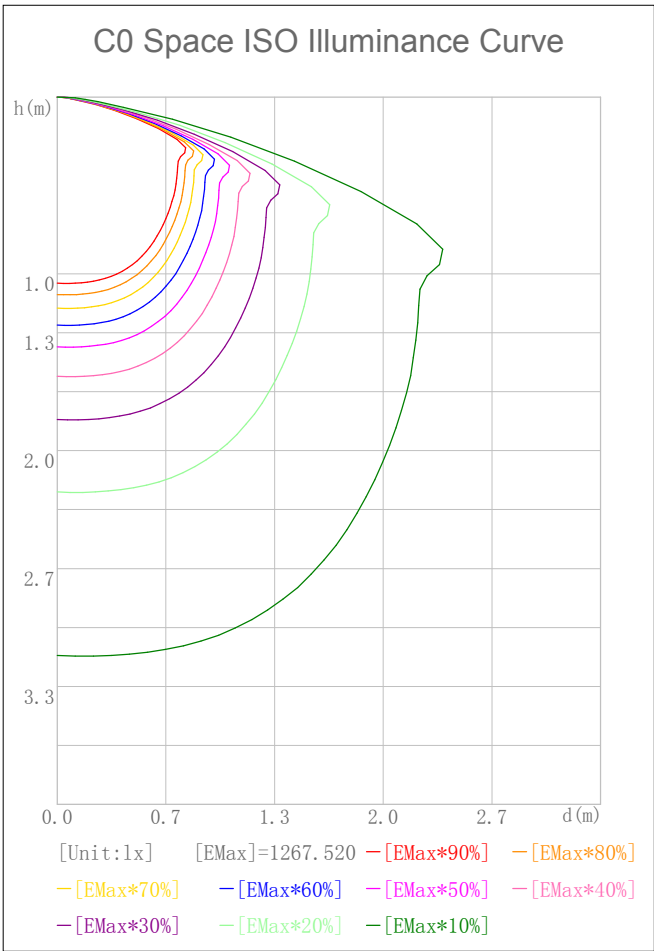
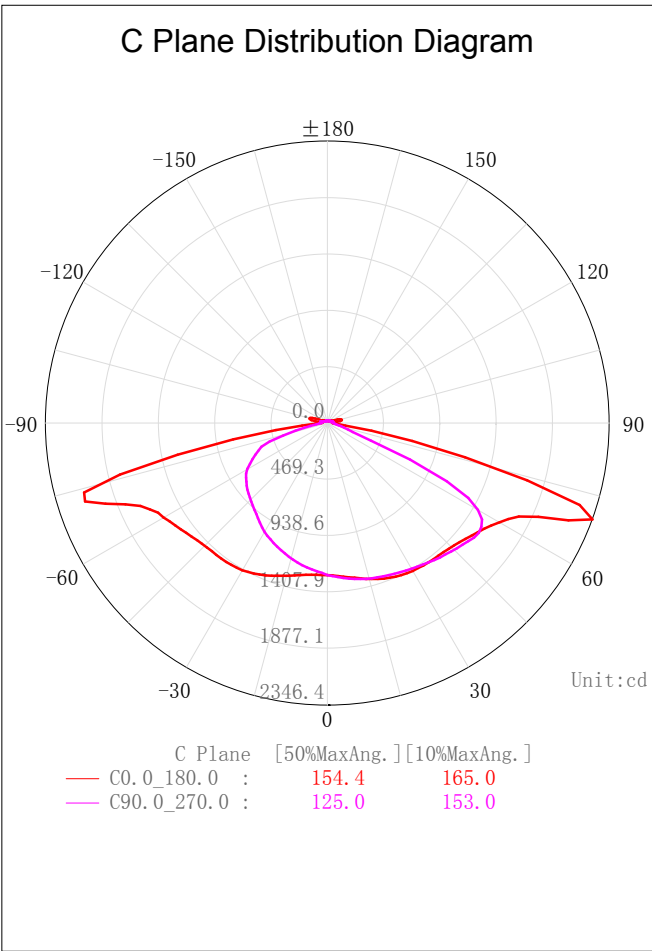
Indoor Luminaire Photometric Data

Description Information

Luminary Name: LN40HE1H-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

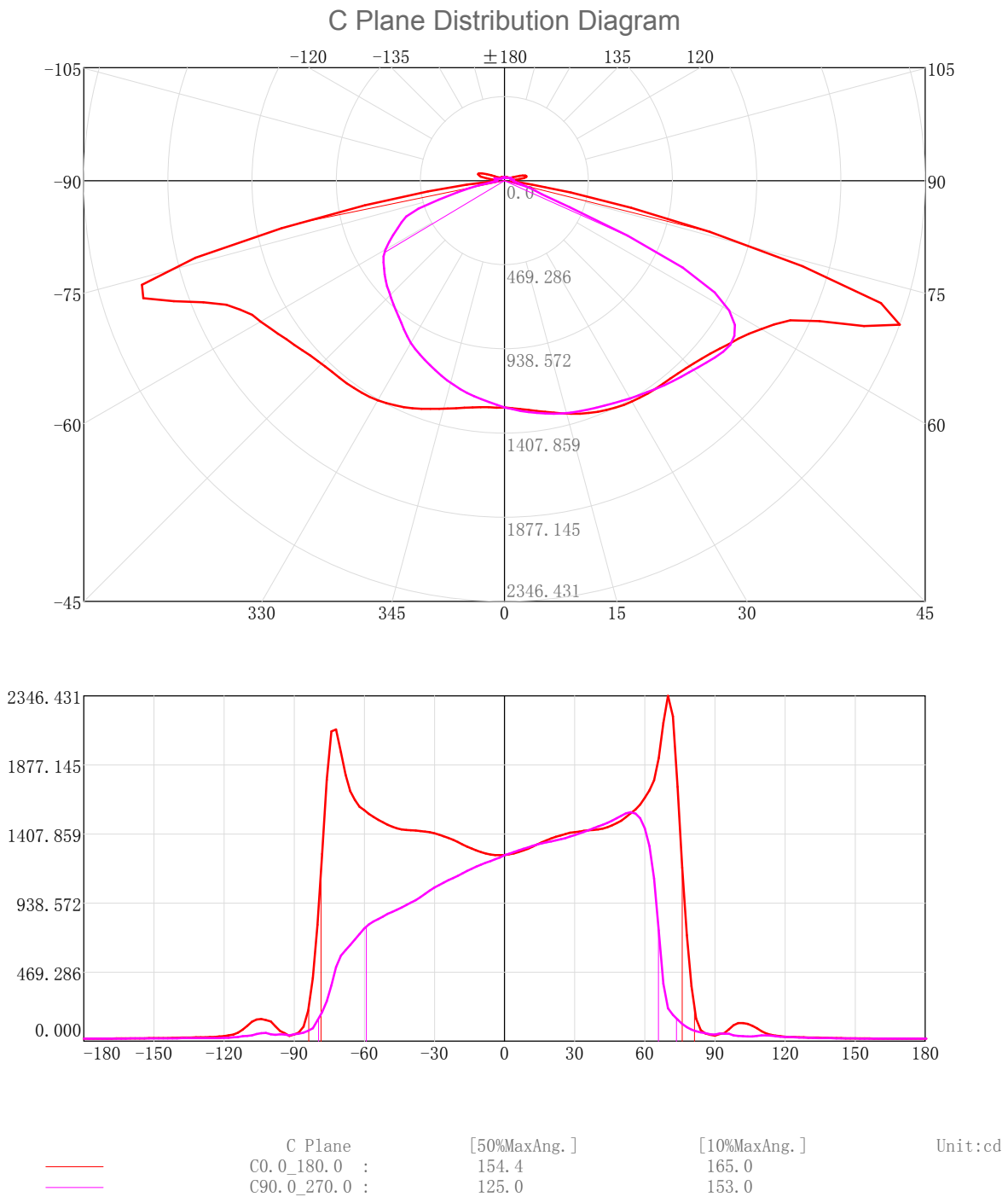
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 6500.000	Luminary Flux(lm): 6483.628	Field Angle(10%Imax): 165.0(°)	
Rated Power(W):	Luminary Efficiency: 99.75%	Down Lumens&Percent: 6234.242lm 96.15%	
Rated Voltage(V):	Luminary EER(lm/W): 162.010	Up Lumens&Percent: 249.387lm 3.85%	
Tested Power(W): 40.020	Max. Candela(cd): 2346.431	S/MH: C0_a180=1.708 C90_270=1.484	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=70.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):226.1, 0.189, 0.937	Beam Angle(50%Imax): 154.4(°)	ErP Φuse(120°): 4226.304lm	
Lamp Size(W*L*H):0.420m*0.420m*0.475m	Left=-78.4°, Right=76.0°	IRF(%): 79.299	



2D Plane Light Intensity Distribution Curve

Lum. Name:LN40HE1H-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

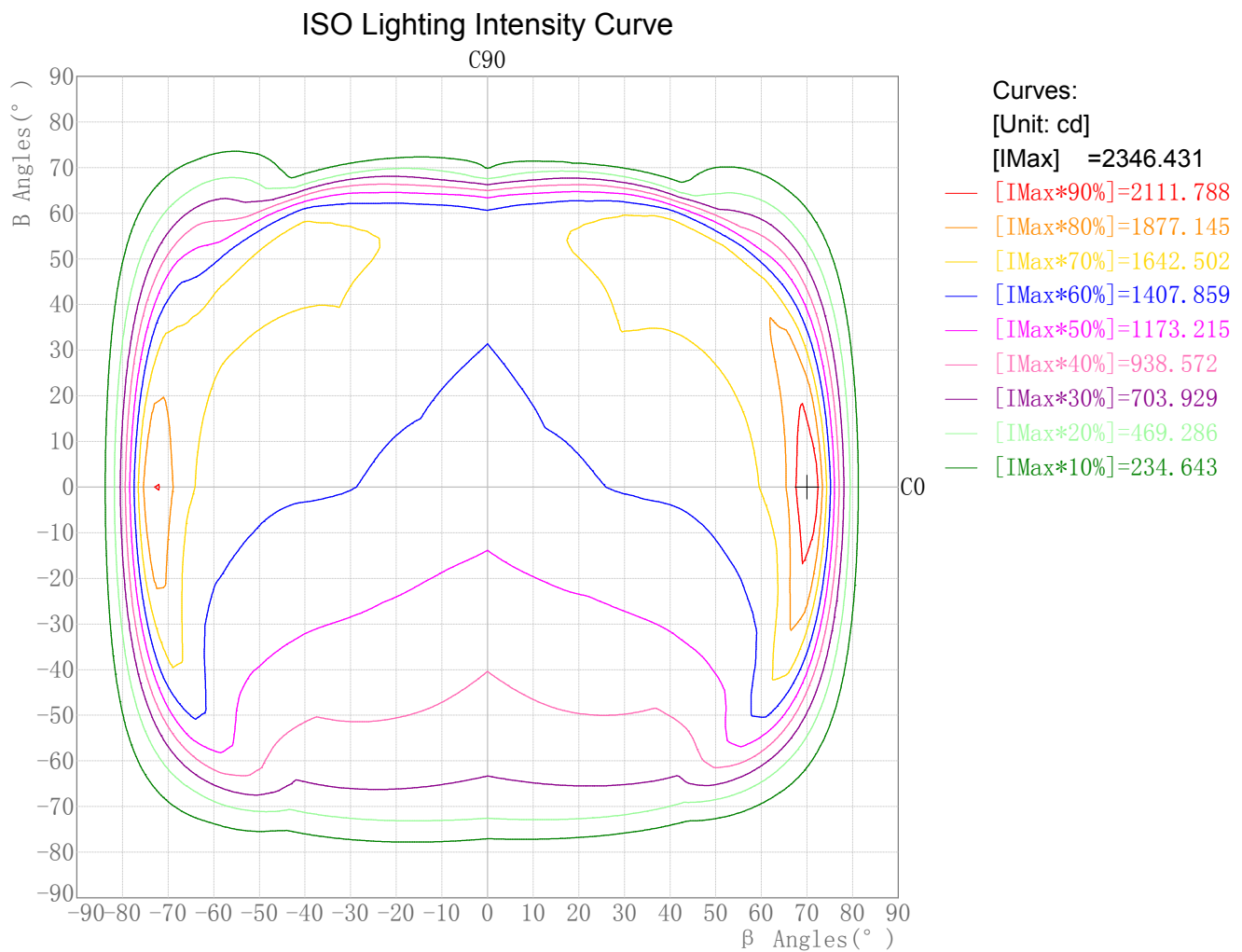
Photometric Filename:LN40HE1H-CM-T3.IES

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	4. 84	4. 84	0. 07	0. 07	94. 0-96. 0	12. 42	6269. 10	0. 19	96. 45
2. 0-4. 0	14. 52	19. 36	0. 22	0. 30	96. 0-98. 0	13. 36	6282. 46	0. 21	96. 65
4. 0-6. 0	24. 22	43. 58	0. 37	0. 67	98. 0-100. 0	14. 31	6296. 77	0. 22	96. 87
6. 0-8. 0	33. 95	77. 53	0. 52	1. 19	100. 0-102. 0	14. 92	6311. 69	0. 23	97. 10
8. 0-10. 0	43. 72	121. 25	0. 67	1. 87	102. 0-104. 0	15. 15	6326. 84	0. 23	97. 34
10. 0-12. 0	53. 55	174. 80	0. 82	2. 69	104. 0-106. 0	15. 22	6342. 06	0. 23	97. 57
12. 0-14. 0	63. 43	238. 23	0. 98	3. 67	106. 0-108. 0	14. 63	6356. 68	0. 23	97. 80
14. 0-16. 0	73. 36	311. 59	1. 13	4. 79	108. 0-110. 0	13. 09	6369. 78	0. 20	98. 00
16. 0-18. 0	83. 29	394. 88	1. 28	6. 08	110. 0-112. 0	11. 13	6380. 90	0. 17	98. 17
18. 0-20. 0	93. 20	488. 08	1. 43	7. 51	112. 0-114. 0	9. 31	6390. 21	0. 14	98. 31
20. 0-22. 0	103. 08	591. 16	1. 59	9. 09	114. 0-116. 0	7. 90	6398. 11	0. 12	98. 43
22. 0-24. 0	112. 92	704. 08	1. 74	10. 83	116. 0-118. 0	6. 90	6405. 01	0. 11	98. 54
24. 0-26. 0	122. 70	826. 78	1. 89	12. 72	118. 0-120. 0	6. 18	6411. 19	0. 10	98. 63
26. 0-28. 0	132. 41	959. 19	2. 04	14. 76	120. 0-122. 0	5. 65	6416. 85	0. 09	98. 72
28. 0-30. 0	141. 95	1101. 14	2. 18	16. 94	122. 0-124. 0	5. 19	6422. 04	0. 08	98. 80
30. 0-32. 0	151. 22	1252. 36	2. 33	19. 27	124. 0-126. 0	4. 82	6426. 86	0. 07	98. 87
32. 0-34. 0	160. 21	1412. 57	2. 46	21. 73	126. 0-128. 0	4. 54	6431. 40	0. 07	98. 94
34. 0-36. 0	168. 94	1581. 51	2. 60	24. 33	128. 0-130. 0	4. 29	6435. 69	0. 07	99. 01
36. 0-38. 0	177. 40	1758. 90	2. 73	27. 06	130. 0-132. 0	4. 05	6439. 74	0. 06	99. 07
38. 0-40. 0	185. 58	1944. 48	2. 86	29. 92	132. 0-134. 0	3. 83	6443. 56	0. 06	99. 13
40. 0-42. 0	193. 46	2137. 94	2. 98	32. 89	134. 0-136. 0	3. 64	6447. 20	0. 06	99. 19
42. 0-44. 0	201. 08	2339. 02	3. 09	35. 98	136. 0-138. 0	3. 46	6450. 66	0. 05	99. 24
44. 0-46. 0	208. 51	2547. 53	3. 21	39. 19	138. 0-140. 0	3. 28	6453. 94	0. 05	99. 29
46. 0-48. 0	215. 81	2763. 33	3. 32	42. 51	140. 0-142. 0	3. 07	6457. 01	0. 05	99. 34
48. 0-50. 0	222. 97	2986. 31	3. 43	45. 94	142. 0-144. 0	2. 87	6459. 88	0. 04	99. 38
50. 0-52. 0	230. 09	3216. 40	3. 54	49. 48	144. 0-146. 0	2. 68	6462. 55	0. 04	99. 42
52. 0-54. 0	237. 08	3453. 48	3. 65	53. 13	146. 0-148. 0	2. 49	6465. 04	0. 04	99. 46
54. 0-56. 0	243. 69	3697. 16	3. 75	56. 88	148. 0-150. 0	2. 32	6467. 36	0. 04	99. 50
56. 0-58. 0	249. 67	3946. 83	3. 84	60. 72	150. 0-152. 0	2. 15	6469. 52	0. 03	99. 53
58. 0-60. 0	254. 62	4201. 45	3. 92	64. 64	152. 0-154. 0	2. 00	6471. 51	0. 03	99. 56
60. 0-62. 0	257. 74	4459. 19	3. 97	68. 60	154. 0-156. 0	1. 84	6473. 35	0. 03	99. 59
62. 0-64. 0	258. 24	4717. 43	3. 97	72. 58	156. 0-158. 0	1. 68	6475. 03	0. 03	99. 62
64. 0-66. 0	254. 76	4972. 19	3. 92	76. 50	158. 0-160. 0	1. 52	6476. 55	0. 02	99. 64
66. 0-68. 0	245. 95	5218. 15	3. 78	80. 28	160. 0-162. 0	1. 37	6477. 92	0. 02	99. 66
68. 0-70. 0	229. 92	5448. 07	3. 54	83. 82	162. 0-164. 0	1. 21	6479. 13	0. 02	99. 68
70. 0-72. 0	203. 19	5651. 26	3. 13	86. 94	164. 0-166. 0	1. 06	6480. 19	0. 02	99. 70
72. 0-74. 0	170. 79	5822. 05	2. 63	89. 57	166. 0-168. 0	0. 91	6481. 11	0. 01	99. 71
74. 0-76. 0	137. 18	5959. 23	2. 11	91. 68	168. 0-170. 0	0. 77	6481. 88	0. 01	99. 72
76. 0-78. 0	101. 06	6060. 29	1. 55	93. 24	170. 0-172. 0	0. 63	6482. 51	0. 01	99. 73
78. 0-80. 0	67. 09	6127. 39	1. 03	94. 27	172. 0-174. 0	0. 49	6483. 00	0. 01	99. 74
80. 0-82. 0	40. 81	6168. 20	0. 63	94. 90	174. 0-176. 0	0. 35	6483. 35	0. 01	99. 74
82. 0-84. 0	24. 72	6192. 92	0. 38	95. 28	176. 0-178. 0	0. 21	6483. 56	0. 00	99. 75
84. 0-86. 0	16. 81	6209. 72	0. 26	95. 53	178. 0-180. 0	0. 07	6483. 63	0. 00	99. 75
86. 0-88. 0	13. 08	6222. 80	0. 20	95. 74					
88. 0-90. 0	11. 44	6234. 24	0. 18	95. 91					
90. 0-92. 0	10. 98	6245. 22	0. 17	96. 08					
92. 0-94. 0	11. 47	6256. 68	0. 18	96. 26					

Rectangle ISO Lighting Intensity Diagram

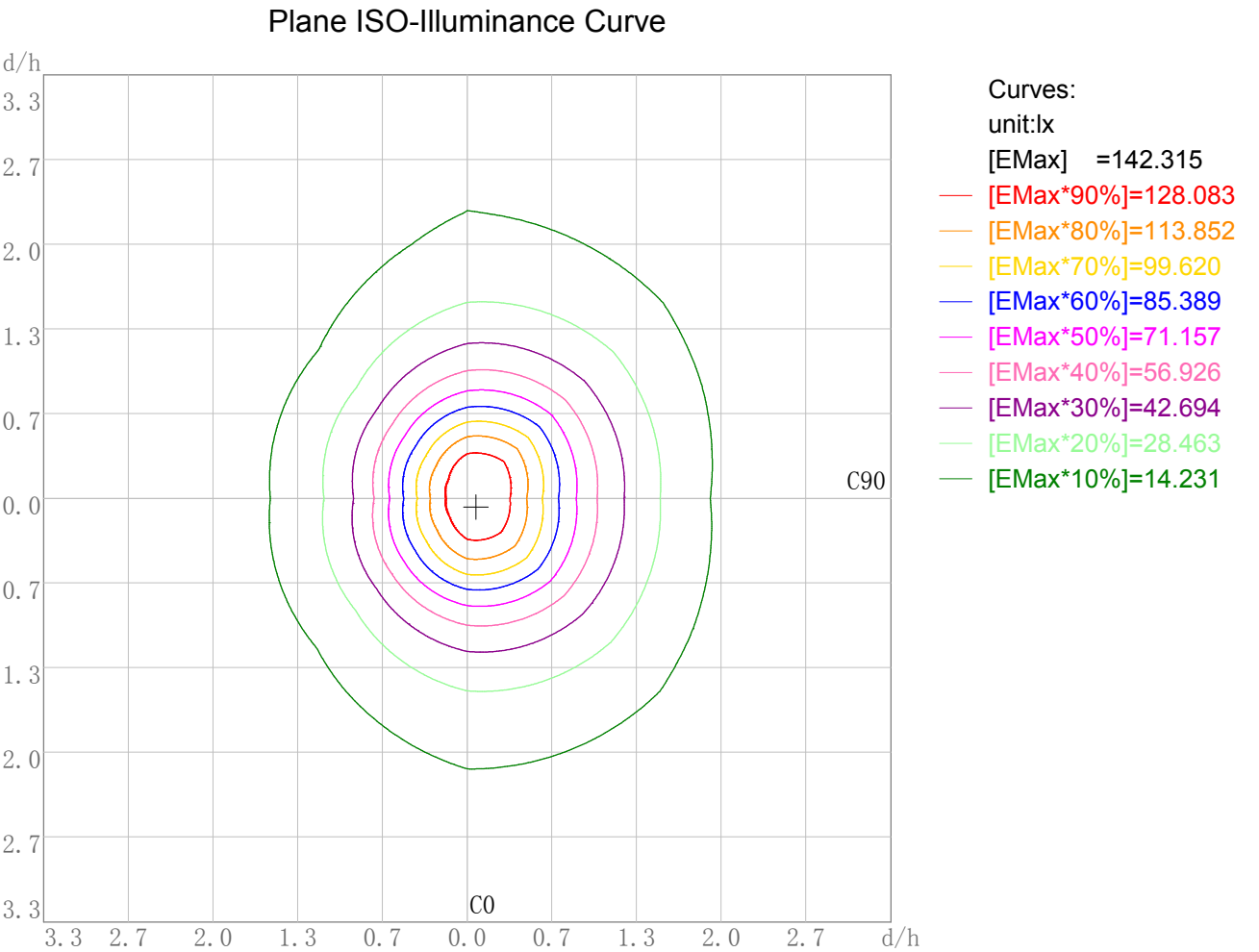
Lum. Name: LN40HE1H-CM-T3	Lum. Catalog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22



Maximum Light Intensity(cd): 2346.43
Maximum Cand.@Angle: H=70.0°,V=0.0°

Plane ISO-Illuminance Diagram

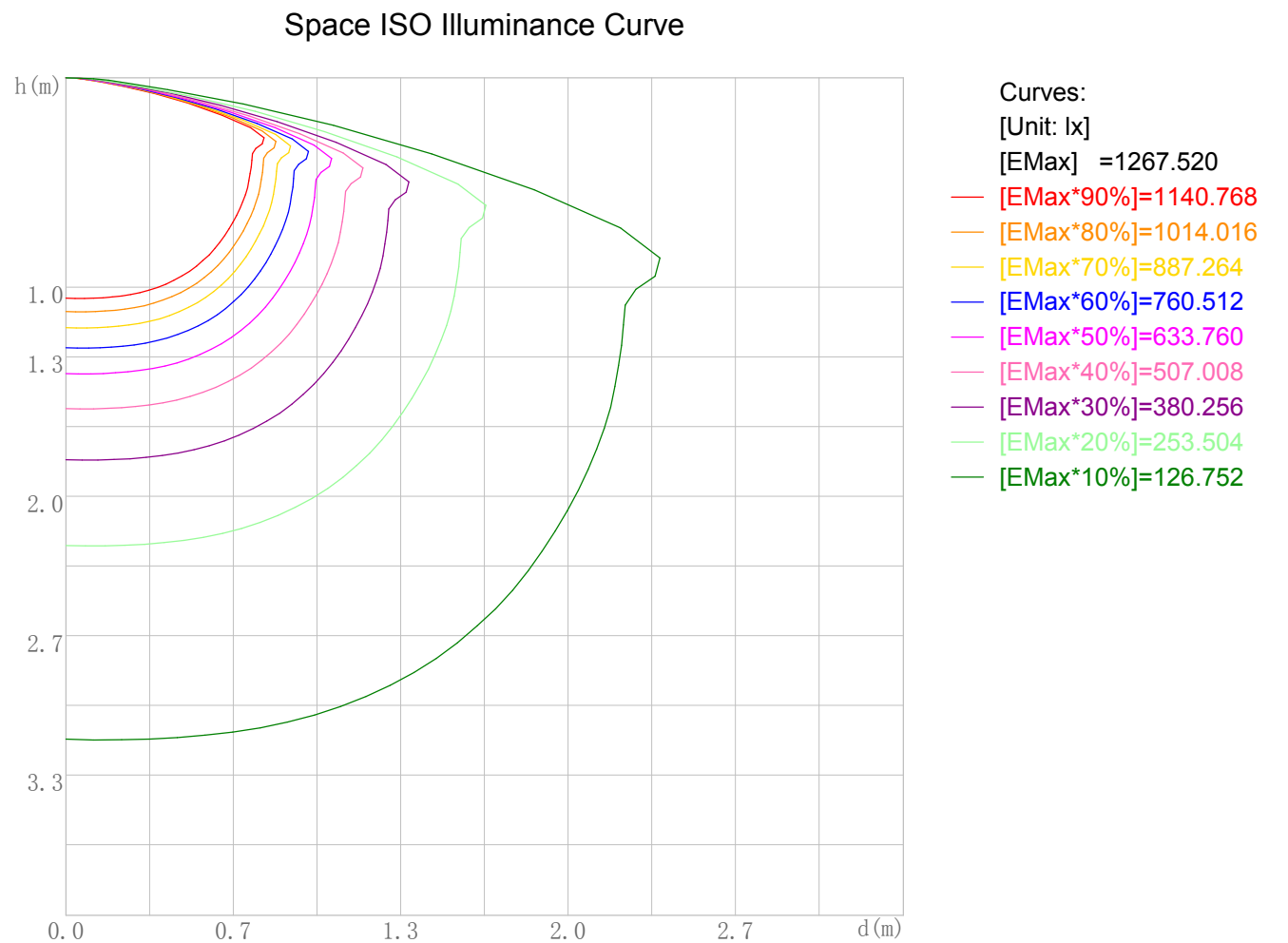
Lum. Name: LN40HE1H-CM-T3	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 142.31
Working Plane Maximum Illuminance Position(d/h):H0.1 V0.1

Space ISO Illuminance Diagram

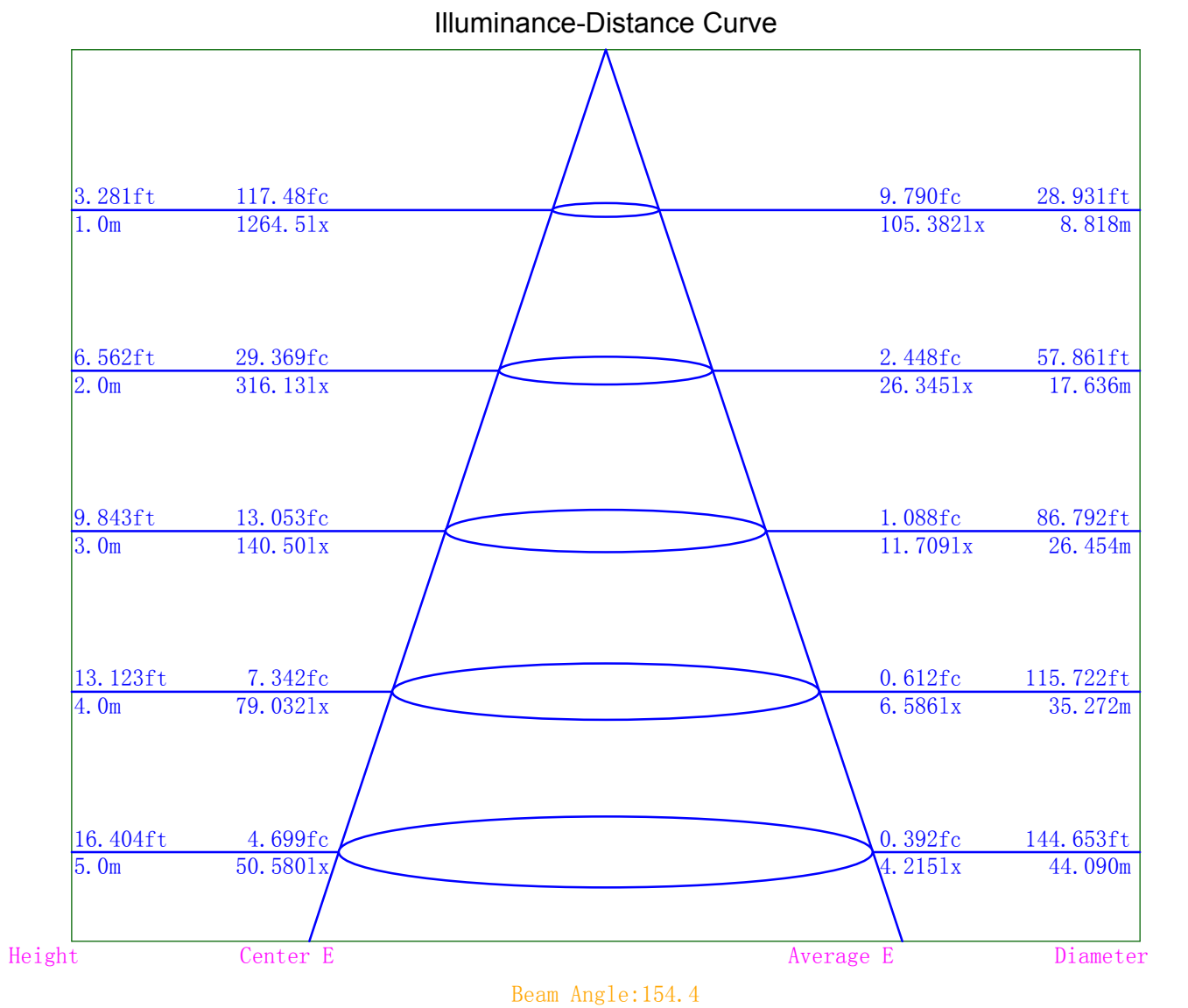
Lum. Name: LN40HE1H-CM-T3	Lum. Catelog: LED GARDEN LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/10/22



Space Plane Maximum Illuminance and @Angle:1267.52lx,2.0deg
Plane Maximum Lighting Intensity and @Angle:2346.431cd,0eg

Illuminance-Distance Diagram

Lum. Name: LN40HE1H-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: LN40HE1H-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

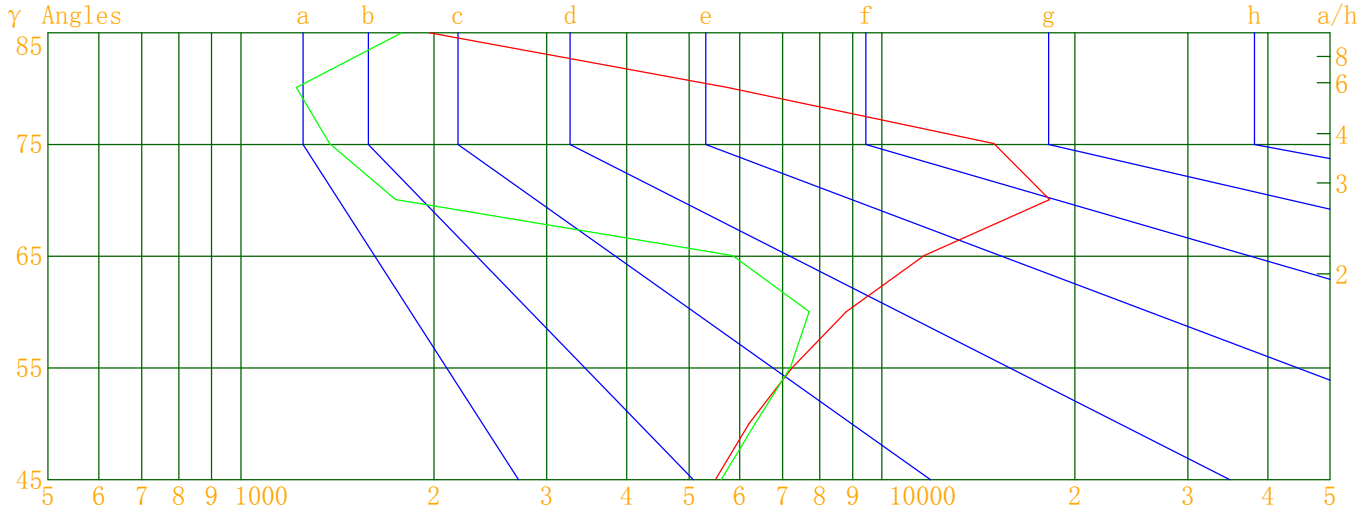
Glare Grade Table

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	5496	6206	7242	8800	11634	18251	14950	5750	1969
C90	5612	6340	7196	7700	5848	1742	1375	1220	1781

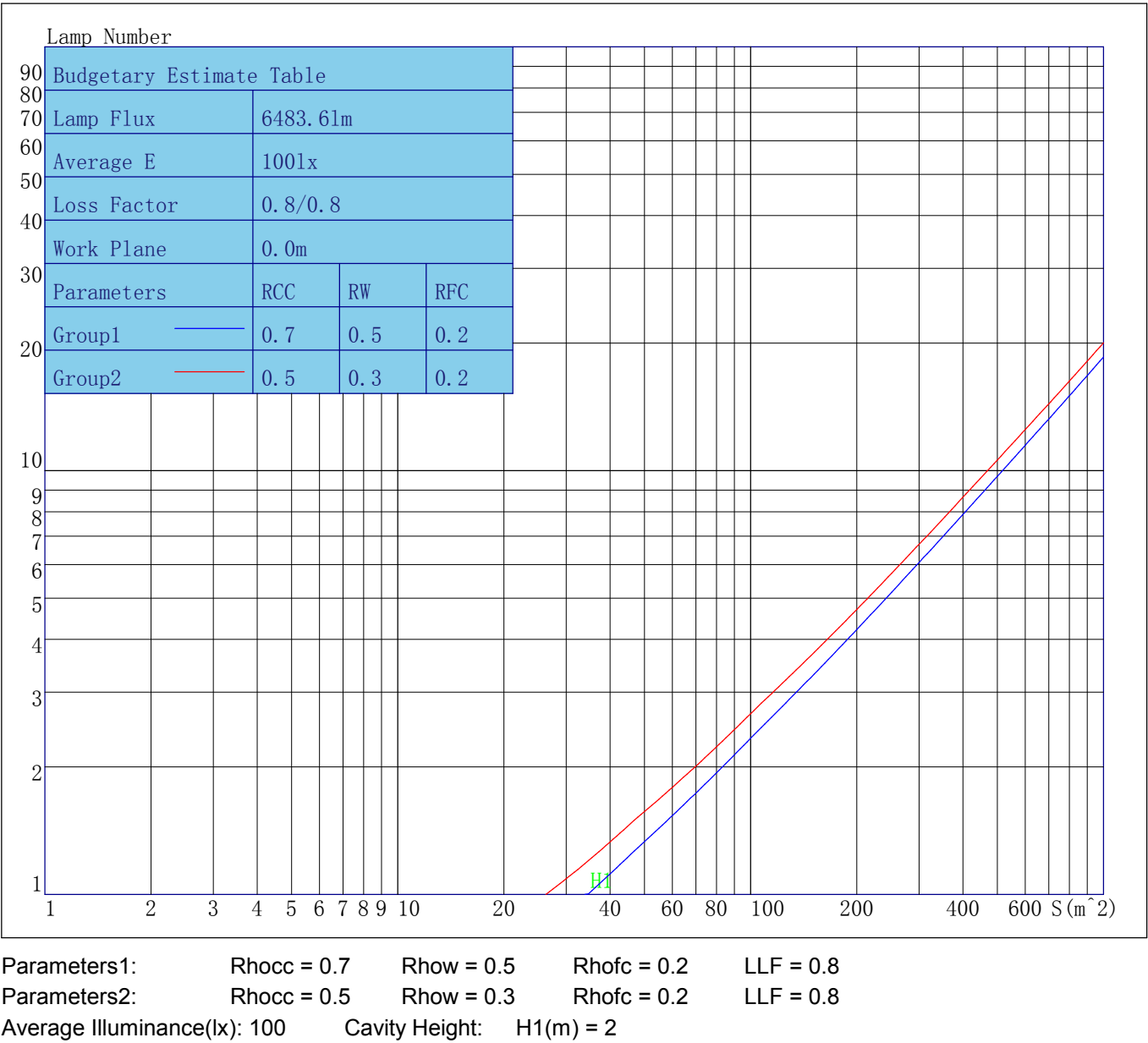
Luminance Limiting Curve



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: LN40HE1H-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: LN40HE1H-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

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	93	89	93	89	86	88	85	83	84	82	79	77
2	95	85	78	71	92	83	76	70	79	73	68	75	70	65	71	67	63	61
3	85	73	64	56	82	71	63	56	67	60	54	64	58	53	61	56	51	49
4	77	63	54	46	74	62	53	45	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	36	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	55	40	31	24	53	39	30	24	37	29	24	36	29	23	34	28	23	21
9	51	36	28	22	49	36	27	21	34	26	21	33	26	21	31	25	20	18
10	47	33	25	19	46	33	25	19	31	24	19	30	23	19	29	23	18	16

Unified Glare Rating Table

Lum. Name: LN40HE1H-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	20.3	22.0	20.7	22.4	22.8	20.3	22.0	20.7	22.4	22.8
	Y=3H	24.6	26.2	25.0	26.6	27.0	21.2	22.8	21.6	23.2	23.6
	Y=4H	26.0	27.5	26.5	27.9	28.4	21.2	22.7	21.7	23.1	23.6
	Y=6H	26.4	27.7	26.8	28.2	28.7	21.2	22.6	21.7	23.0	23.5
	Y=8H	26.4	27.7	26.9	28.2	28.6	21.2	22.5	21.7	23.0	23.4
	Y=12H	26.4	27.6	26.9	28.1	28.6	21.2	22.4	21.7	22.9	23.4
X=4H	Y=2H	21.3	22.8	21.8	23.2	23.7	21.7	23.2	22.1	23.6	24.1
	Y=3H	25.4	26.6	25.8	27.1	27.6	22.6	23.8	23.1	24.3	24.8
	Y=4H	26.8	27.9	27.2	28.4	28.9	22.6	23.7	23.1	24.2	24.7
	Y=6H	27.2	28.1	27.7	28.7	29.2	22.6	23.6	23.1	24.1	24.6
	Y=8H	27.2	28.1	27.7	28.6	29.2	22.6	23.5	23.1	24.0	24.6
	Y=12H	27.2	28.0	27.7	28.5	29.1	22.6	23.5	23.2	24.0	24.6
X=8H	Y=4H	26.8	27.7	27.3	28.2	28.8	22.9	23.8	23.4	24.3	24.9
	Y=6H	27.2	28.0	27.7	28.5	29.2	22.9	23.7	23.4	24.2	24.9
	Y=8H	27.2	27.9	27.8	28.5	29.0	22.9	23.6	23.5	24.1	24.7
	Y=12H	27.2	27.8	27.8	28.4	29.0	23.0	23.5	23.5	24.1	24.7
X=12H	Y=4H	26.8	27.6	27.3	28.1	28.7	22.9	23.7	23.4	24.3	24.8
	Y=6H	27.2	27.9	27.8	28.4	29.0	22.9	23.6	23.5	24.1	24.8
	Y=8H	27.2	27.8	27.8	28.4	29.0	23.0	23.5	23.5	24.1	24.7
Variations with the objerver position at spacings											
S=1.0H		1.3/-1.6					0.4/-0.4				
S=1.5H		2.0/-2.9					1.5/-1.0				
S=2.0H		1.2/-2.7					5.0/-5.4				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		3.7					1.6				

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

IES Indoor Report

Photometric Filename:LN40HE1H-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	1264. 51	1264. 51	1264. 51	1264. 51	1264. 51	1264. 51	1264. 51	1264. 51
γ 2. 0	1269. 84	1276. 28	1274. 19	1270. 05	1265. 76	1254. 91	1248. 99	1254. 16
γ 4. 0	1276. 37	1288. 67	1286. 05	1278. 48	1265. 38	1245. 54	1236. 99	1248. 29
γ 6. 0	1285. 14	1302. 03	1296. 61	1288. 37	1268. 97	1237. 20	1224. 80	1243. 40
γ 8. 0	1295. 71	1316. 03	1307. 24	1299. 81	1276. 08	1230. 63	1212. 54	1238. 83
γ 10. 0	1308. 14	1330. 81	1317. 60	1313. 00	1285. 23	1224. 78	1200. 70	1234. 46
γ 12. 0	1322. 08	1348. 17	1327. 57	1327. 87	1296. 37	1220. 20	1187. 04	1230. 65
γ 14. 0	1336. 91	1367. 80	1336. 65	1343. 97	1308. 69	1216. 59	1172. 36	1228. 92
γ 16. 0	1351. 29	1387. 74	1344. 53	1361. 41	1322. 21	1213. 08	1157. 55	1227. 37
γ 18. 0	1365. 19	1407. 85	1351. 31	1379. 63	1337. 28	1209. 92	1141. 48	1224. 52
γ 20. 0	1377. 60	1428. 60	1357. 98	1399. 22	1353. 21	1207. 38	1124. 86	1219. 50
γ 22. 0	1388. 59	1450. 32	1364. 90	1419. 26	1368. 06	1204. 22	1109. 10	1212. 76
γ 24. 0	1398. 84	1473. 93	1372. 48	1440. 02	1381. 04	1200. 23	1093. 49	1206. 07
γ 26. 0	1408. 18	1497. 25	1380. 72	1462. 11	1393. 31	1196. 26	1078. 01	1199. 50
γ 28. 0	1416. 24	1520. 05	1390. 36	1485. 26	1404. 25	1191. 92	1061. 76	1192. 38
γ 30. 0	1421. 44	1540. 71	1400. 81	1507. 15	1413. 98	1186. 74	1043. 79	1183. 81
γ 32. 0	1424. 84	1559. 59	1411. 15	1527. 90	1420. 90	1180. 48	1023. 47	1173. 70
γ 34. 0	1430. 28	1577. 95	1421. 83	1547. 34	1424. 88	1172. 74	1000. 75	1162. 66
γ 36. 0	1433. 31	1595. 11	1434. 04	1564. 90	1428. 51	1163. 66	978. 81	1150. 61
γ 38. 0	1435. 88	1610. 24	1446. 81	1580. 91	1431. 32	1152. 84	959. 81	1138. 05
γ 40. 0	1439. 90	1622. 19	1459. 49	1596. 08	1433. 08	1140. 02	941. 92	1124. 64
γ 42. 0	1445. 69	1633. 15	1471. 81	1608. 14	1434. 83	1126. 69	925. 43	1110. 02
γ 44. 0	1454. 51	1644. 72	1484. 36	1616. 90	1439. 81	1110. 65	909. 46	1093. 47
γ 46. 0	1466. 94	1657. 98	1498. 75	1625. 63	1447. 22	1093. 00	894. 16	1075. 39
γ 48. 0	1481. 44	1668. 75	1514. 86	1635. 82	1457. 32	1073. 78	880. 05	1056. 44
γ 50. 0	1499. 58	1680. 79	1531. 86	1646. 52	1470. 10	1054. 23	865. 43	1036. 90
γ 52. 0	1522. 01	1699. 39	1548. 20	1658. 81	1487. 07	1034. 06	848. 29	1016. 65
γ 54. 0	1547. 98	1723. 44	1556. 78	1676. 35	1503. 69	1011. 53	830. 71	992. 31
γ 56. 0	1574. 84	1751. 81	1546. 38	1695. 98	1524. 53	987. 29	814. 53	964. 88
γ 58. 0	1608. 36	1778. 93	1516. 22	1716. 75	1545. 25	961. 33	794. 79	936. 67
γ 60. 0	1653. 91	1803. 20	1447. 14	1732. 06	1570. 95	932. 91	766. 03	906. 52
γ 62. 0	1704. 64	1823. 29	1327. 07	1737. 92	1592. 62	900. 14	728. 86	871. 28
γ 64. 0	1773. 45	1821. 77	1105. 84	1727. 54	1640. 26	864. 41	691. 00	834. 68
γ 66. 0	1922. 86	1730. 89	752. 30	1664. 91	1698. 98	826. 62	654. 11	797. 97
γ 68. 0	2163. 58	1443. 06	392. 27	1477. 56	1810. 60	781. 86	618. 85	756. 72
γ 70. 0	2346. 43	889. 06	223. 96	1071. 61	1961. 95	733. 75	582. 75	713. 27
γ 72. 0	2207. 78	306. 67	179. 57	506. 39	2118. 33	678. 45	504. 20	653. 62
γ 74. 0	1729. 01	173. 63	148. 16	210. 00	2104. 37	588. 91	380. 89	539. 14
γ 76. 0	1179. 90	137. 48	119. 41	148. 29	1776. 80	472. 15	273. 54	379. 67
γ 78. 0	722. 27	112. 27	96. 31	120. 06	1272. 36	328. 52	198. 62	229. 29
γ 80. 0	375. 30	93. 39	79. 65	97. 57	792. 19	197. 44	142. 00	129. 27
γ 82. 0	153. 10	79. 48	68. 16	80. 03	430. 72	119. 50	89. 58	86. 89
γ 84. 0	75. 78	69. 58	60. 50	67. 54	209. 82	87. 38	72. 17	66. 82
γ 86. 0	53. 25	64. 39	56. 22	60. 69	99. 78	70. 72	58. 91	57. 36
γ 88. 0	44. 66	53. 91	48. 03	57. 77	59. 77	63. 60	52. 06	54. 44
γ 90. 0	39. 13	57. 36	47. 06	47. 38	46. 72	60. 93	48. 59	53. 09
γ 92. 0	50. 08	63. 04	53. 67	58. 80	37. 57	52. 50	40. 26	44. 67

IES Indoor Report
Photometric Filename:LN40HE1H-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	55. 76	61. 88	52. 40	60. 56	56. 57	53. 46	45. 59	50. 76
γ 96. 0	82. 34	57. 56	51. 32	57. 80	70. 69	55. 01	48. 49	49. 06
γ 98. 0	110. 12	53. 38	41. 08	54. 68	101. 99	54. 32	45. 02	49. 10
γ 100. 0	123. 48	49. 68	37. 35	51. 13	134. 83	54. 01	47. 91	48. 86
γ 102. 0	124. 72	46. 51	35. 73	47. 62	144. 77	54. 14	57. 17	50. 85
γ 104. 0	119. 57	46. 81	34. 11	44. 90	151. 87	61. 08	56. 16	58. 41
γ 106. 0	106. 40	58. 88	34. 20	48. 16	148. 76	68. 17	49. 54	62. 39
γ 108. 0	89. 02	59. 87	37. 06	58. 07	132. 82	65. 15	41. 21	56. 21
γ 110. 0	68. 15	54. 95	40. 13	56. 74	106. 12	58. 15	37. 76	48. 94
γ 112. 0	52. 88	48. 06	41. 06	51. 01	79. 64	50. 06	34. 47	41. 42
γ 114. 0	44. 70	42. 68	38. 69	44. 44	58. 87	43. 40	30. 46	35. 94
γ 116. 0	38. 68	38. 56	35. 22	39. 73	46. 44	38. 49	27. 05	32. 55
γ 118. 0	34. 78	35. 14	32. 44	36. 08	40. 03	34. 02	24. 99	30. 46
γ 120. 0	32. 40	32. 76	30. 24	32. 90	35. 94	31. 31	23. 74	28. 65
γ 122. 0	30. 37	31. 10	28. 81	30. 69	32. 89	29. 61	22. 70	27. 12
γ 124. 0	29. 17	29. 52	27. 40	29. 00	30. 45	27. 61	21. 70	23. 57
γ 126. 0	28. 38	27. 89	26. 20	27. 31	28. 85	26. 62	21. 67	24. 21
γ 128. 0	27. 44	26. 76	25. 30	25. 71	28. 05	24. 98	22. 14	23. 45
γ 130. 0	26. 55	25. 99	24. 52	24. 75	27. 45	24. 41	22. 27	22. 53
γ 132. 0	25. 94	25. 04	23. 55	23. 74	26. 93	23. 56	22. 09	21. 71
γ 134. 0	25. 39	24. 49	23. 01	23. 06	26. 63	23. 02	21. 83	21. 59
γ 136. 0	25. 00	24. 05	22. 51	22. 52	26. 13	22. 99	21. 78	21. 50
γ 138. 0	24. 23	23. 44	22. 03	22. 16	25. 70	23. 16	21. 50	21. 82
γ 140. 0	23. 12	22. 69	21. 54	21. 60	24. 79	23. 08	21. 14	22. 22
γ 142. 0	22. 03	22. 08	21. 11	20. 97	23. 50	22. 84	20. 93	22. 19
γ 144. 0	21. 46	21. 58	20. 68	20. 43	22. 69	22. 49	20. 70	21. 89
γ 146. 0	21. 05	21. 13	20. 18	20. 05	22. 18	22. 01	20. 36	21. 57
γ 148. 0	20. 69	20. 64	19. 80	19. 57	21. 79	21. 63	20. 06	21. 13
γ 150. 0	20. 41	20. 31	19. 53	19. 16	21. 59	21. 26	20. 00	20. 75
γ 152. 0	20. 08	19. 99	19. 27	18. 87	21. 42	20. 97	19. 98	20. 62
γ 154. 0	19. 82	19. 69	19. 03	18. 59	21. 26	20. 83	19. 82	20. 45
γ 156. 0	19. 61	19. 44	18. 81	18. 31	21. 03	20. 66	19. 76	20. 16
γ 158. 0	19. 23	19. 22	18. 64	18. 09	20. 59	20. 47	19. 66	19. 93
γ 160. 0	19. 03	19. 17	18. 47	17. 68	20. 24	20. 21	19. 65	19. 70
γ 162. 0	18. 84	19. 07	18. 19	17. 32	19. 99	19. 56	19. 47	19. 50
γ 164. 0	18. 69	18. 87	18. 06	17. 19	19. 74	19. 24	19. 24	19. 26
γ 166. 0	18. 54	18. 67	17. 98	17. 13	19. 53	19. 04	19. 07	18. 96
γ 168. 0	18. 30	18. 67	17. 90	17. 07	19. 26	18. 89	18. 88	18. 73
γ 170. 0	18. 32	18. 56	17. 91	17. 04	19. 11	18. 72	18. 67	18. 53
γ 172. 0	18. 78	18. 49	17. 90	17. 16	19. 41	18. 76	18. 54	18. 29
γ 174. 0	18. 70	18. 44	17. 86	17. 15	19. 19	18. 70	18. 46	18. 05
γ 176. 0	18. 64	18. 52	17. 90	17. 24	18. 97	18. 58	18. 29	17. 83
γ 178. 0	18. 70	18. 64	18. 18	17. 63	18. 82	18. 56	18. 29	17. 82
γ 180. 0	18. 47	18. 47	18. 47	18. 47	18. 47	18. 47	18. 47	18. 47