

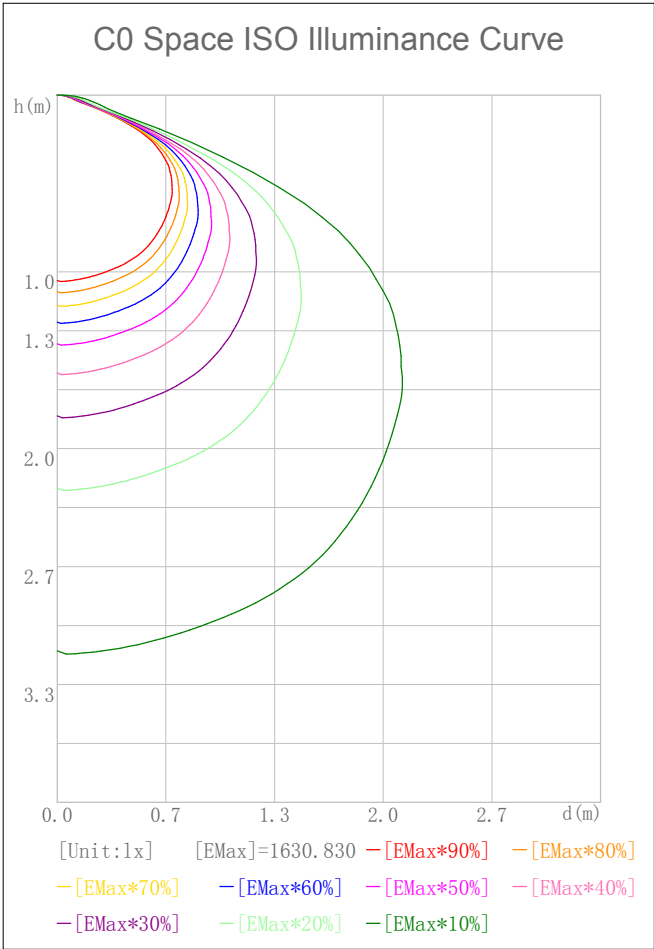
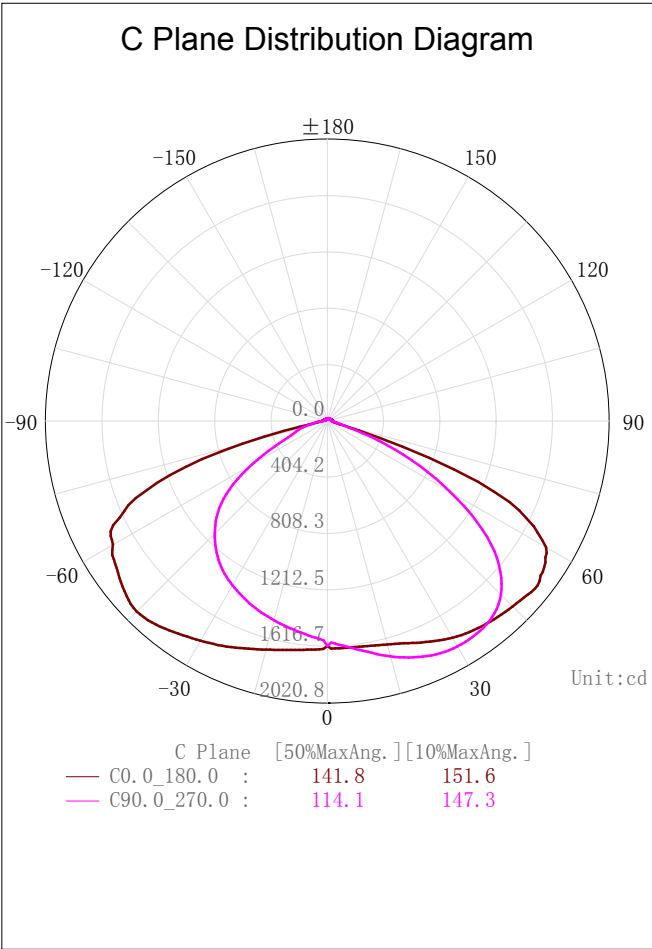
Indoor Luminaire Photometric Data

Description Information

Luminary Name: ST040ME1H-CM-T2		Lum. Catalog: LED STREET LIGHT	Test ID:
Lamp Name:		Lamp Catalog: SMD2835	Test Date: 2022/03/04
Manufacture:		Shld.Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency(Hz):	Lamp CCT(K): Ra:
Lum.Size(W*L*H):0.515m*0.190m*0.109m		Lum.Area(m2):0.119	Lum.W(kg): 0.000
Test System: C, γ	Test Step: C=45.0 γ=1.0	Temp.(°C): 25	Humidity(%): 50.0

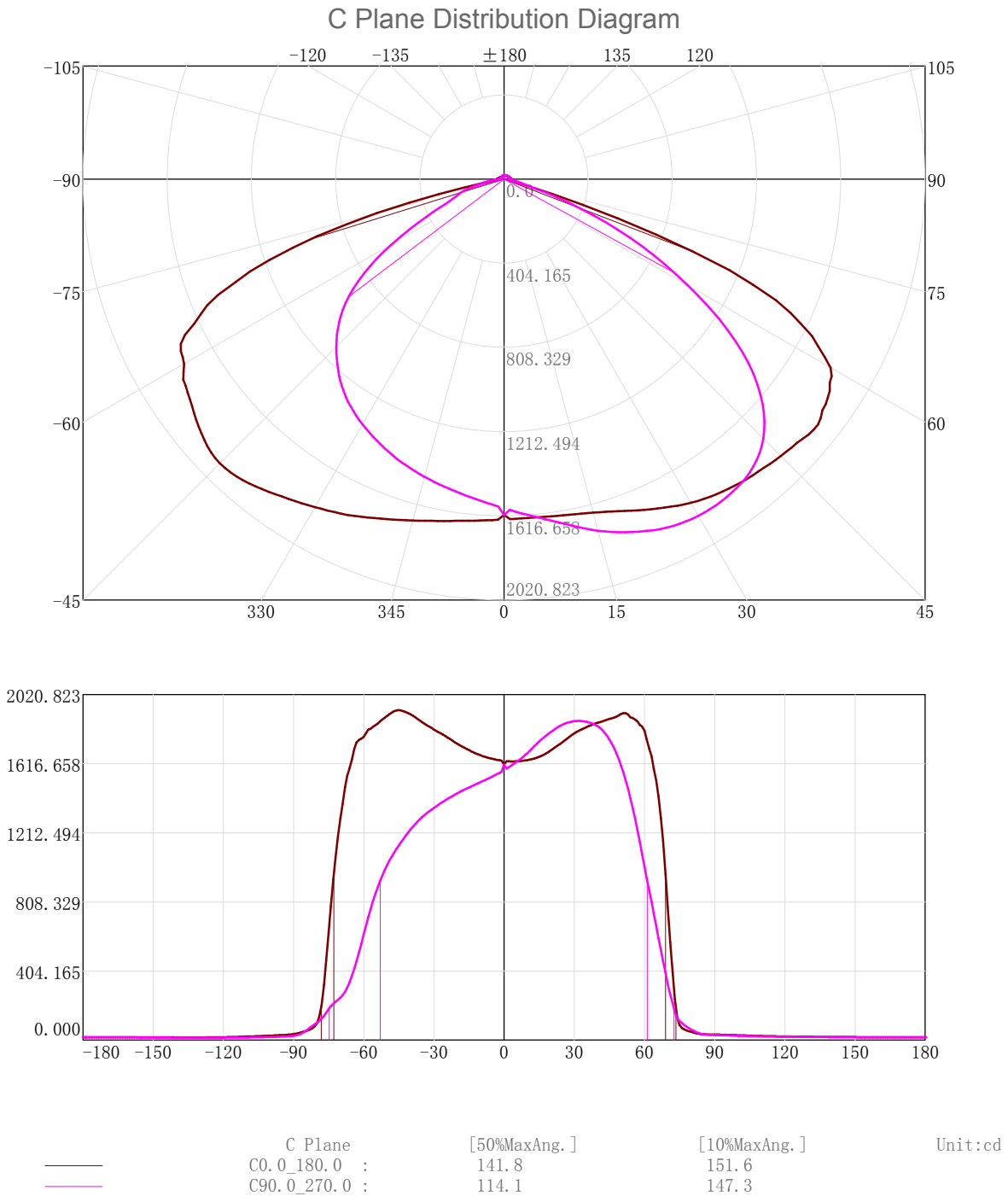
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 6400.000	Luminary Flux(lm): 6383.161	Field Angle(10%Imax): 146.6(°)	
Rated Power(W):	Luminary Efficiency: 99.74%	Down Lumens&Percent: 6251.937lm 97.94%	
Rated Voltage(V):	Luminary EER(lm/W): 154.668	Up Lumens&Percent: 131.224lm 2.06%	
Tested Power(W): 41.270	Max.Candela(cd): 2020.823	S/MH: C0_a180=1.747 C90_270=1.486	
Lamps' Inside: 1	Max Cand@Ang.(°): C=135.0 γ=46.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):226.0, 0.189, 0.964	Beam Angle(50%Imax): 121.6(°)	ErP Φuse(120°): 5072.342lm	
Lamp Size(W*L*H):0.515m*0.190m*0.109m	Left=-56.0°, Right=65.6°	IRF(%): 85.612	



2D Plane Light Intensity Distribution Curve

Lum. Name:ST040ME1H-CM-T2	Lum. Catelog:LED STREET LIGHT	Test ID:
Lamp Name:	Lamp Catelog:SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2022/03/04



IES Indoor Report

Photometric Filename:ST040ME1H-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
0.0-1.0	1.54	1.54	0.02	0.02	47.0-48.0	131.61	3480.81	2.06	54.39
1.0-2.0	4.61	6.15	0.07	0.10	48.0-49.0	132.50	3613.30	2.07	56.46
2.0-3.0	7.69	13.85	0.12	0.22	49.0-50.0	133.18	3746.49	2.08	58.54
3.0-4.0	10.77	24.62	0.17	0.38	50.0-51.0	133.64	3880.12	2.09	60.63
4.0-5.0	13.85	38.47	0.22	0.60	51.0-52.0	133.81	4013.93	2.09	62.72
5.0-6.0	16.94	55.41	0.26	0.87	52.0-53.0	133.64	4147.57	2.09	64.81
6.0-7.0	20.03	75.44	0.31	1.18	53.0-54.0	133.09	4280.67	2.08	66.89
7.0-8.0	23.13	98.57	0.36	1.54	54.0-55.0	132.26	4412.93	2.07	68.95
8.0-9.0	26.23	124.80	0.41	1.95	55.0-56.0	131.12	4544.05	2.05	71.00
9.0-10.0	29.35	154.15	0.46	2.41	56.0-57.0	129.55	4673.60	2.02	73.02
10.0-11.0	32.48	186.63	0.51	2.92	57.0-58.0	127.47	4801.07	1.99	75.02
11.0-12.0	35.62	222.25	0.56	3.47	58.0-59.0	124.89	4925.96	1.95	76.97
12.0-13.0	38.77	261.02	0.61	4.08	59.0-60.0	121.76	5047.72	1.90	78.87
13.0-14.0	41.94	302.96	0.66	4.73	60.0-61.0	117.98	5165.70	1.84	80.71
14.0-15.0	45.11	348.07	0.70	5.44	61.0-62.0	113.60	5279.30	1.77	82.49
15.0-16.0	48.28	396.35	0.75	6.19	62.0-63.0	108.71	5388.00	1.70	84.19
16.0-17.0	51.45	447.80	0.80	7.00	63.0-64.0	103.02	5491.03	1.61	85.80
17.0-18.0	54.63	502.43	0.85	7.85	64.0-65.0	96.34	5587.37	1.51	87.30
18.0-19.0	57.80	560.24	0.90	8.75	65.0-66.0	89.00	5676.37	1.39	88.69
19.0-20.0	60.98	621.21	0.95	9.71	66.0-67.0	81.31	5757.68	1.27	89.96
20.0-21.0	64.14	685.35	1.00	10.71	67.0-68.0	73.37	5831.05	1.15	91.11
21.0-22.0	67.29	752.65	1.05	11.76	68.0-69.0	64.97	5896.02	1.02	92.13
22.0-23.0	70.44	823.09	1.10	12.86	69.0-70.0	56.61	5952.62	0.88	93.01
23.0-24.0	73.56	896.65	1.15	14.01	70.0-71.0	48.71	6001.34	0.76	93.77
24.0-25.0	76.66	973.31	1.20	15.21	71.0-72.0	41.20	6042.54	0.64	94.41
25.0-26.0	79.73	1053.04	1.25	16.45	72.0-73.0	34.39	6076.93	0.54	94.95
26.0-27.0	82.78	1135.82	1.29	17.75	73.0-74.0	28.38	6105.31	0.44	95.40
27.0-28.0	85.80	1221.62	1.34	19.09	74.0-75.0	23.53	6128.84	0.37	95.76
28.0-29.0	88.78	1310.40	1.39	20.47	75.0-76.0	19.64	6148.48	0.31	96.07
29.0-30.0	91.71	1402.11	1.43	21.91	76.0-77.0	16.20	6164.68	0.25	96.32
30.0-31.0	94.60	1496.71	1.48	23.39	77.0-78.0	13.23	6177.90	0.21	96.53
31.0-32.0	97.45	1594.15	1.52	24.91	78.0-79.0	10.91	6188.81	0.17	96.70
32.0-33.0	100.24	1694.39	1.57	26.47	79.0-80.0	9.30	6198.11	0.15	96.85
33.0-34.0	102.97	1797.36	1.61	28.08	80.0-81.0	8.14	6206.25	0.13	96.97
34.0-35.0	105.65	1903.01	1.65	29.73	81.0-82.0	7.21	6213.46	0.11	97.09
35.0-36.0	108.27	2011.28	1.69	31.43	82.0-83.0	6.42	6219.88	0.10	97.19
36.0-37.0	110.82	2122.10	1.73	33.16	83.0-84.0	5.76	6225.64	0.09	97.28
37.0-38.0	113.30	2235.39	1.77	34.93	84.0-85.0	5.22	6230.86	0.08	97.36
38.0-39.0	115.69	2351.09	1.81	36.74	85.0-86.0	4.79	6235.64	0.07	97.43
39.0-40.0	117.99	2469.08	1.84	38.58	86.0-87.0	4.44	6240.09	0.07	97.50
40.0-41.0	120.17	2589.25	1.88	40.46	87.0-88.0	4.16	6244.25	0.07	97.57
41.0-42.0	122.25	2711.50	1.91	42.37	88.0-89.0	3.94	6248.19	0.06	97.63
42.0-43.0	124.22	2835.72	1.94	44.31	89.0-90.0	3.75	6251.94	0.06	97.69
43.0-44.0	126.05	2961.76	1.97	46.28	90.0-91.0	3.58	6255.52	0.06	97.74
44.0-45.0	127.71	3089.48	2.00	48.27	91.0-92.0	3.45	6258.97	0.05	97.80
45.0-46.0	129.21	3218.68	2.02	50.29	92.0-93.0	3.35	6262.31	0.05	97.85
46.0-47.0	130.51	3349.20	2.04	52.33	93.0-94.0	3.26	6265.58	0.05	97.90

IES Indoor Report

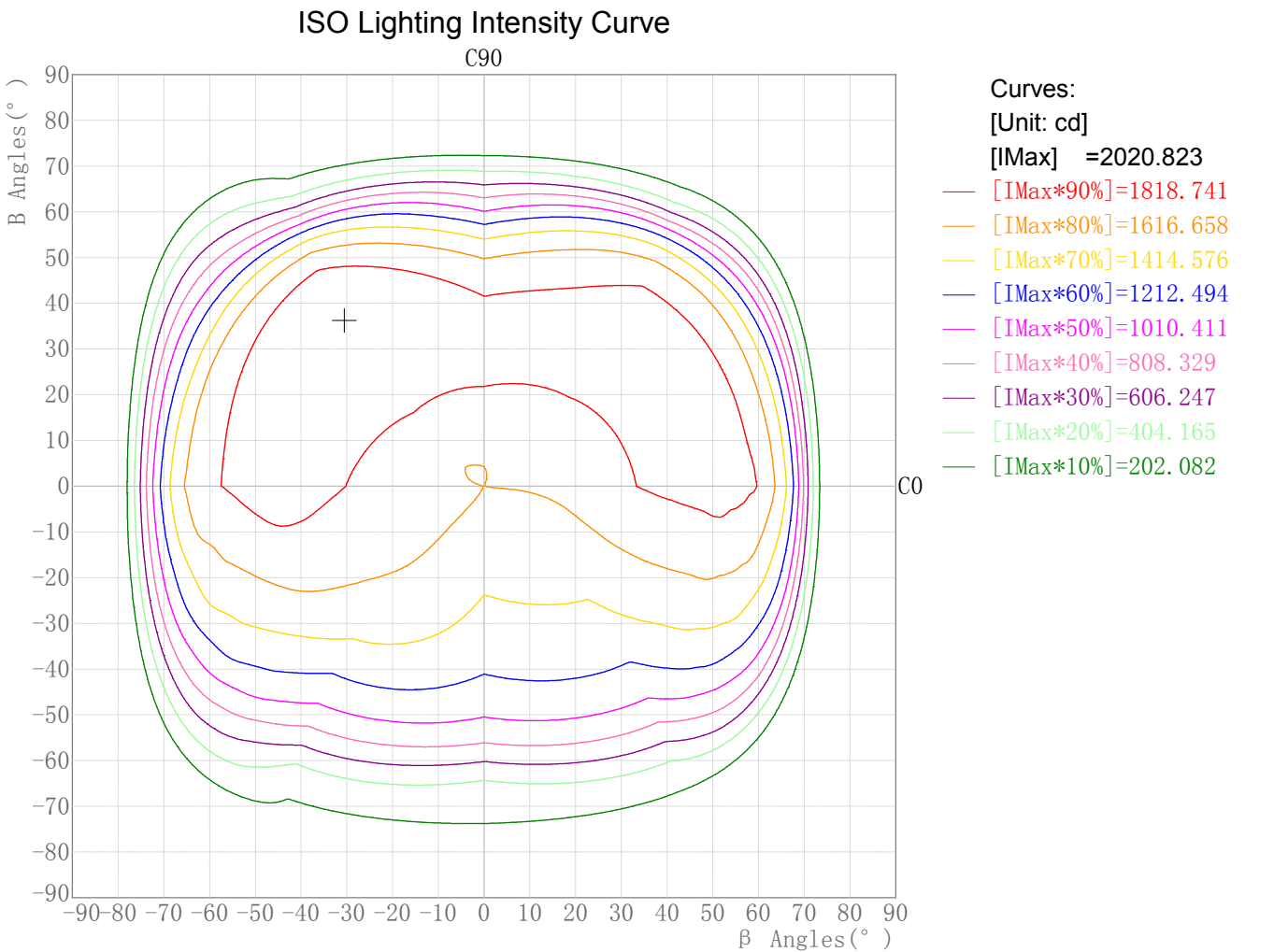
Photometric Filename:ST040ME1H-CM-T2.IES

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	3. 18	6268. 75	0. 05	97. 95	141. 0-142. 0	1. 18	6359. 89	0. 02	99. 37
95. 0-96. 0	3. 08	6271. 84	0. 05	98. 00	142. 0-143. 0	1. 15	6361. 04	0. 02	99. 39
96. 0-97. 0	2. 99	6274. 83	0. 05	98. 04	143. 0-144. 0	1. 12	6362. 16	0. 02	99. 41
97. 0-98. 0	2. 91	6277. 73	0. 05	98. 09	144. 0-145. 0	1. 10	6363. 26	0. 02	99. 43
98. 0-99. 0	2. 83	6280. 56	0. 04	98. 13	145. 0-146. 0	1. 07	6364. 33	0. 02	99. 44
99. 0-100. 0	2. 75	6283. 32	0. 04	98. 18	146. 0-147. 0	1. 04	6365. 38	0. 02	99. 46
100. 0-101. 0	2. 69	6286. 01	0. 04	98. 22	147. 0-148. 0	1. 02	6366. 40	0. 02	99. 47
101. 0-102. 0	2. 64	6288. 64	0. 04	98. 26	148. 0-149. 0	0. 99	6367. 39	0. 02	99. 49
102. 0-103. 0	2. 58	6291. 23	0. 04	98. 30	149. 0-150. 0	0. 96	6368. 35	0. 02	99. 51
103. 0-104. 0	2. 53	6293. 76	0. 04	98. 34	150. 0-151. 0	0. 93	6369. 28	0. 01	99. 52
104. 0-105. 0	2. 47	6296. 23	0. 04	98. 38	151. 0-152. 0	0. 91	6370. 19	0. 01	99. 53
105. 0-106. 0	2. 42	6298. 65	0. 04	98. 42	152. 0-153. 0	0. 88	6371. 07	0. 01	99. 55
106. 0-107. 0	2. 37	6301. 02	0. 04	98. 45	153. 0-154. 0	0. 85	6371. 92	0. 01	99. 56
107. 0-108. 0	2. 32	6303. 34	0. 04	98. 49	154. 0-155. 0	0. 82	6372. 74	0. 01	99. 57
108. 0-109. 0	2. 27	6305. 61	0. 04	98. 53	155. 0-156. 0	0. 79	6373. 54	0. 01	99. 59
109. 0-110. 0	2. 22	6307. 84	0. 03	98. 56	156. 0-157. 0	0. 77	6374. 30	0. 01	99. 60
110. 0-111. 0	2. 18	6310. 01	0. 03	98. 59	157. 0-158. 0	0. 74	6375. 04	0. 01	99. 61
111. 0-112. 0	2. 13	6312. 15	0. 03	98. 63	158. 0-159. 0	0. 71	6375. 75	0. 01	99. 62
112. 0-113. 0	2. 09	6314. 24	0. 03	98. 66	159. 0-160. 0	0. 68	6376. 43	0. 01	99. 63
113. 0-114. 0	2. 05	6316. 29	0. 03	98. 69	160. 0-161. 0	0. 65	6377. 07	0. 01	99. 64
114. 0-115. 0	2. 01	6318. 30	0. 03	98. 72	161. 0-162. 0	0. 62	6377. 69	0. 01	99. 65
115. 0-116. 0	1. 97	6320. 26	0. 03	98. 75	162. 0-163. 0	0. 58	6378. 27	0. 01	99. 66
116. 0-117. 0	1. 93	6322. 19	0. 03	98. 78	163. 0-164. 0	0. 55	6378. 82	0. 01	99. 67
117. 0-118. 0	1. 89	6324. 08	0. 03	98. 81	164. 0-165. 0	0. 52	6379. 34	0. 01	99. 68
118. 0-119. 0	1. 85	6325. 94	0. 03	98. 84	165. 0-166. 0	0. 49	6379. 83	0. 01	99. 68
119. 0-120. 0	1. 82	6327. 75	0. 03	98. 87	166. 0-167. 0	0. 46	6380. 29	0. 01	99. 69
120. 0-121. 0	1. 78	6329. 53	0. 03	98. 90	167. 0-168. 0	0. 42	6380. 71	0. 01	99. 70
121. 0-122. 0	1. 75	6331. 28	0. 03	98. 93	168. 0-169. 0	0. 39	6381. 10	0. 01	99. 70
122. 0-123. 0	1. 71	6332. 99	0. 03	98. 95	169. 0-170. 0	0. 36	6381. 46	0. 01	99. 71
123. 0-124. 0	1. 68	6334. 67	0. 03	98. 98	170. 0-171. 0	0. 32	6381. 78	0. 01	99. 72
124. 0-125. 0	1. 65	6336. 31	0. 03	99. 00	171. 0-172. 0	0. 29	6382. 07	0. 00	99. 72
125. 0-126. 0	1. 61	6337. 93	0. 03	99. 03	172. 0-173. 0	0. 26	6382. 32	0. 00	99. 72
126. 0-127. 0	1. 58	6339. 51	0. 02	99. 05	173. 0-174. 0	0. 22	6382. 55	0. 00	99. 73
127. 0-128. 0	1. 55	6341. 06	0. 02	99. 08	174. 0-175. 0	0. 19	6382. 73	0. 00	99. 73
128. 0-129. 0	1. 52	6342. 58	0. 02	99. 10	175. 0-176. 0	0. 15	6382. 89	0. 00	99. 73
129. 0-130. 0	1. 49	6344. 08	0. 02	99. 13	176. 0-177. 0	0. 12	6383. 01	0. 00	99. 73
130. 0-131. 0	1. 46	6345. 54	0. 02	99. 15	177. 0-178. 0	0. 09	6383. 09	0. 00	99. 74
131. 0-132. 0	1. 44	6346. 98	0. 02	99. 17	178. 0-179. 0	0. 05	6383. 14	0. 00	99. 74
132. 0-133. 0	1. 41	6348. 38	0. 02	99. 19	179. 0-180. 0	0. 02	6383. 16	0. 00	99. 74
133. 0-134. 0	1. 38	6349. 77	0. 02	99. 22					
134. 0-135. 0	1. 36	6351. 12	0. 02	99. 24					
135. 0-136. 0	1. 33	6352. 45	0. 02	99. 26					
136. 0-137. 0	1. 30	6353. 75	0. 02	99. 28					
137. 0-138. 0	1. 28	6355. 03	0. 02	99. 30					
138. 0-139. 0	1. 25	6356. 28	0. 02	99. 32					
139. 0-140. 0	1. 23	6357. 51	0. 02	99. 34					
140. 0-141. 0	1. 20	6358. 71	0. 02	99. 35					

Rectangle ISO Lighting Intensity Diagram

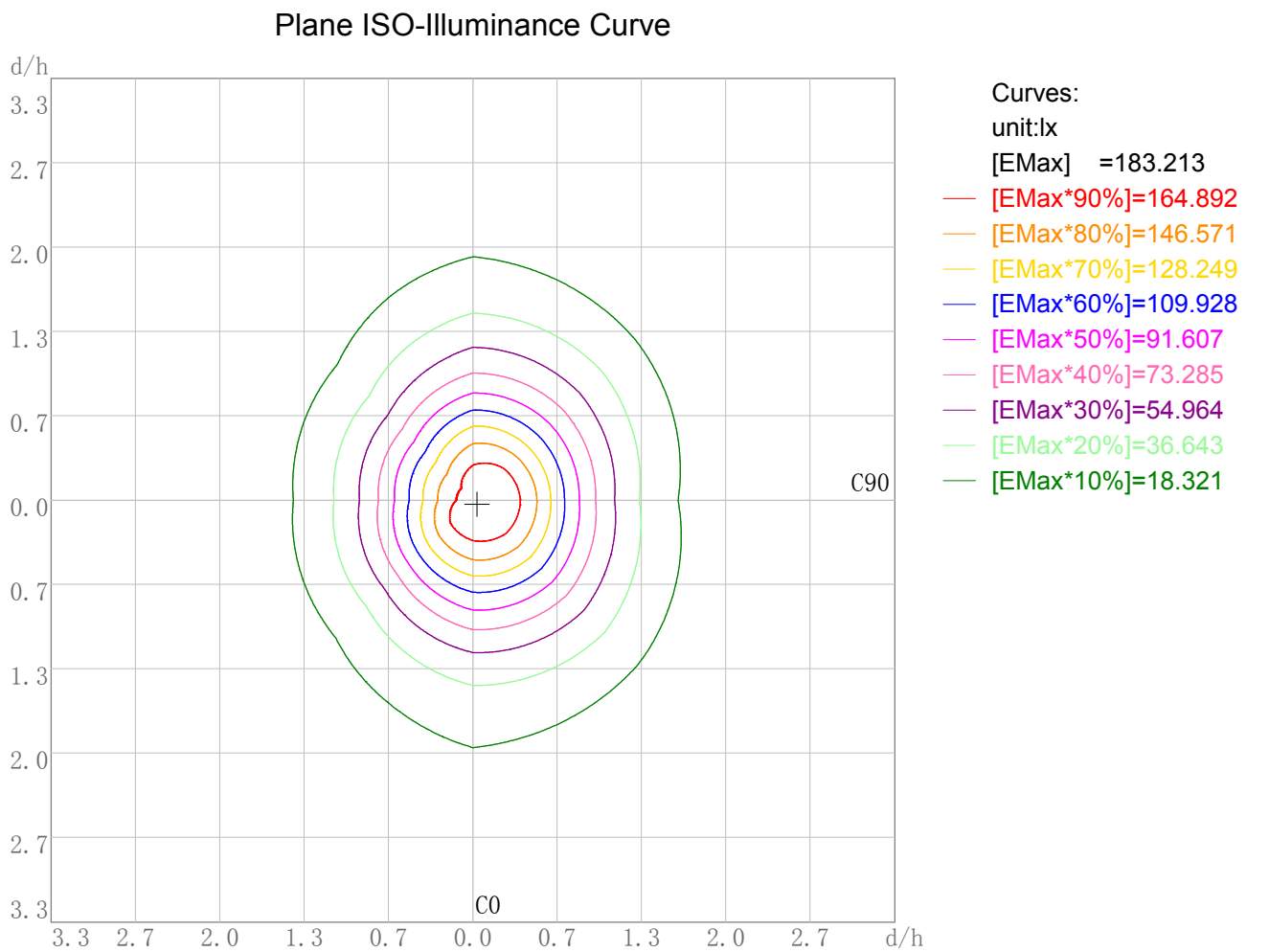
Lum. Name:ST040ME1H-CM-T2	Lum. Catelog:LED STREET LIGHT	Test ID:
Lamp Name:	Lamp Catelog:SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2022/03/04



Maximum Light Intensity(cd): 2020.82
Maximum Cand.@Angle: H=-30.6°,V=36.2°

Plane ISO-Illuminance Diagram

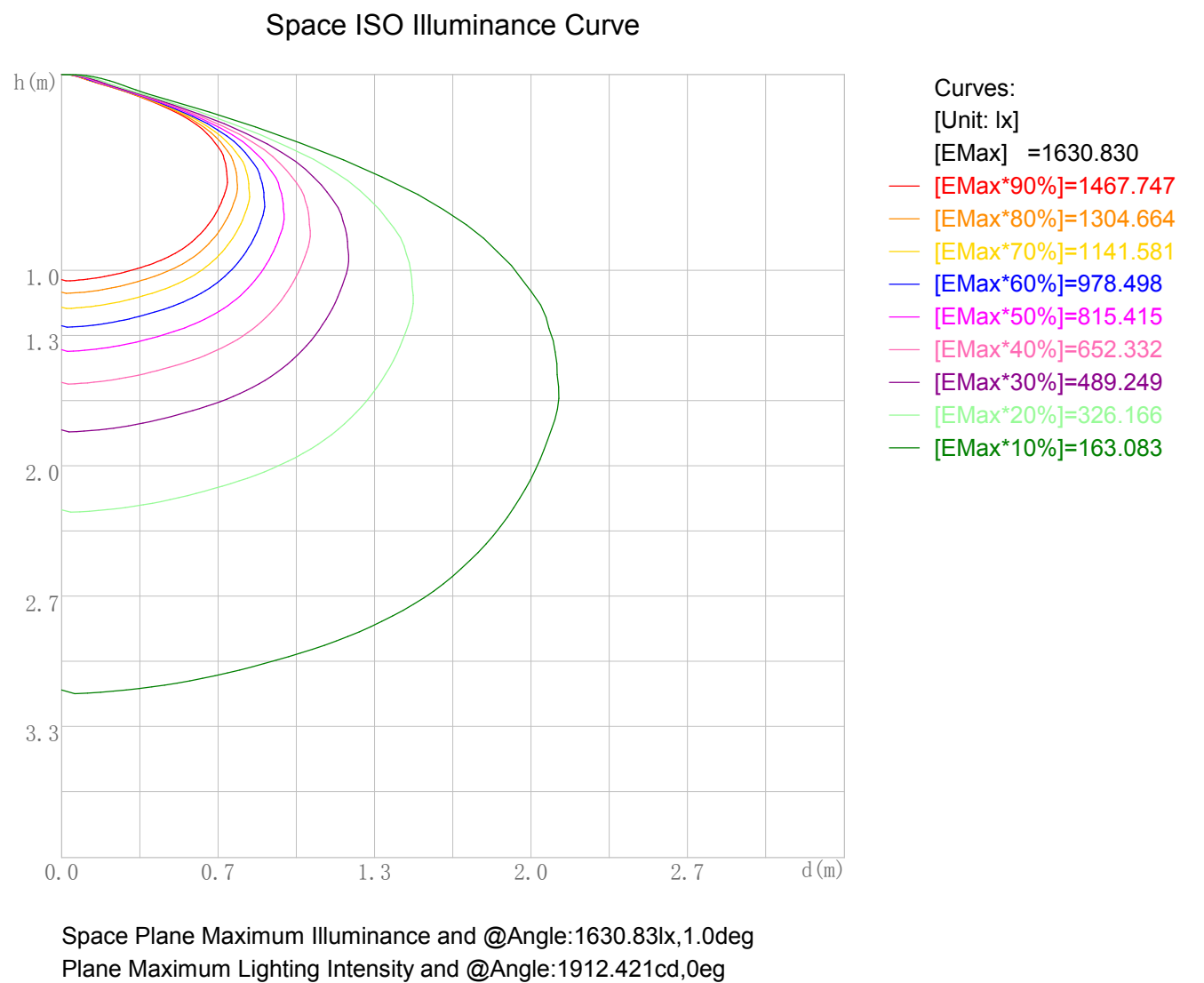
Lum. Name:ST040ME1H-CM-T2	Lum. Catelog:LED STREET LIGHT	Test ID:
Lamp Name:	Lamp Catelog:SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2022/03/04



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 183.21
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

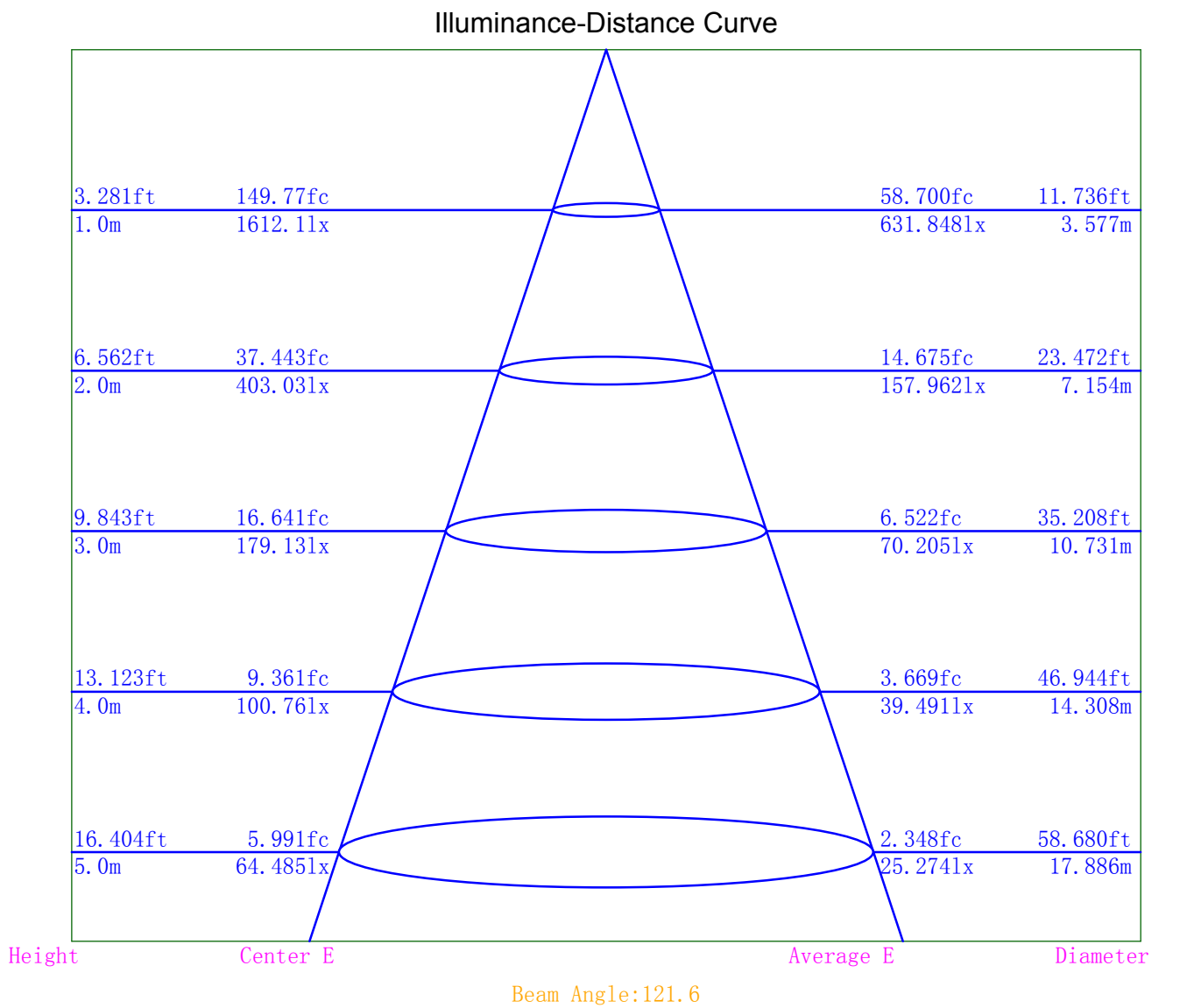
Space ISO Illuminance Diagram

Lum. Name: ST040ME1H-CM-T2	Lum. Catelog: LED STREET LIGHT	Test ID:
Lamp Name:	Lamp Catelog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/03/04



Illuminance-Distance Diagram

Lum. Name:ST040ME1H-CM-T2	Lum. Catelog:LED STREET LIGHT	Test ID:
Lamp Name:	Lamp Catelog:SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2022/03/04



Indoor Luminance Limiting Curves

Lum. Name:ST040ME1H-CM-T2	Lum. Catalog:LED STREET LIGHT	Test ID:
Lamp Name:	Lamp Catalog:SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2022/03/04

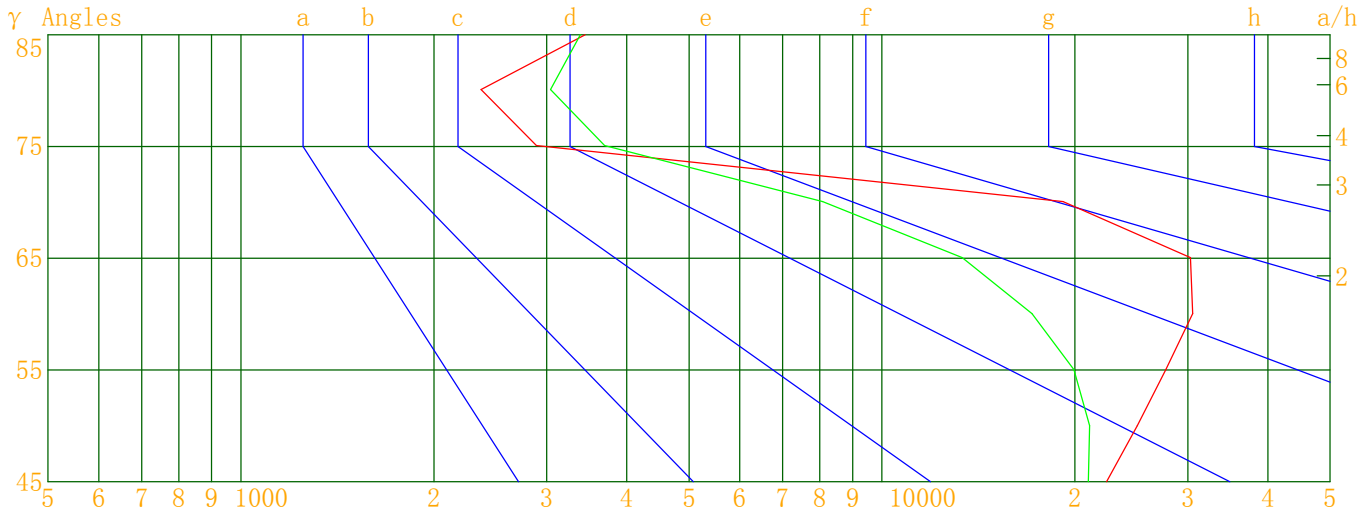
Glare Grade Table

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	22404	25028	27707	30526	30276	19169	2891	2369	3442
C90	20986	21072	19937	17144	13339	8077	3694	3041	3384

Luminance Limiting Curve



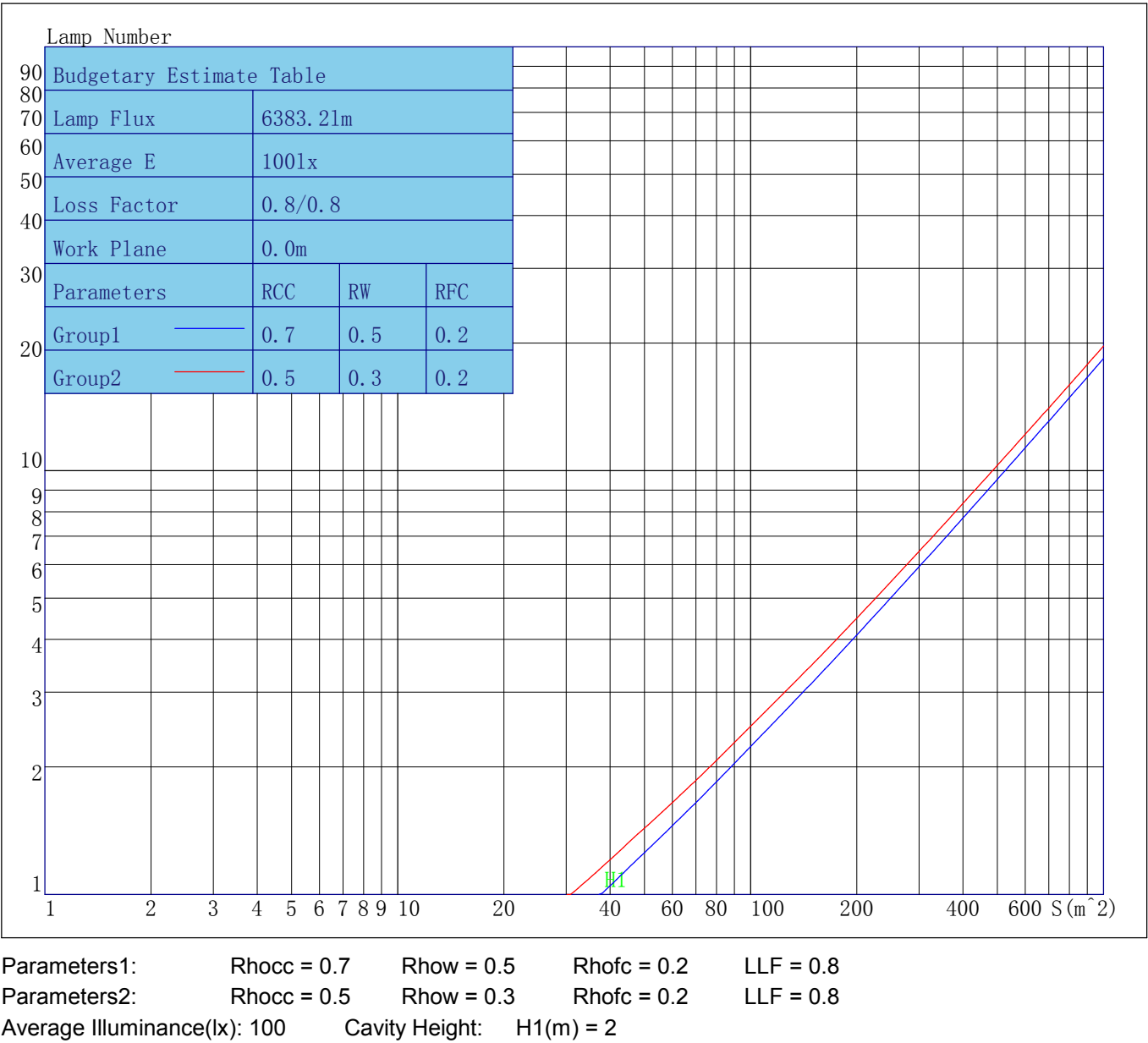
Luminous Size:Length(m)=0.190Width(m)=0.515Height(m)=0.109Area(m^2)=0.118560

Luminous Type:Without Luminous Side

Luminous Curves:C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table

Lum. Name:ST040ME1H-CM-T2	Lum. Catelog:LED STREET LIGHT	Test ID:
Lamp Name:	Lamp Catelog:SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2022/03/04



Indoor Coefficient of Utilization Table

Lum. Name:ST040ME1H-CM-T2	Lum. Catelog:LED STREET LIGHT	Test ID:
Lamp Name:	Lamp Catelog:SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2022/03/04

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	110	110	110	105	105	105	100	100	100	98
1	108	104	100	96	105	101	98	94	97	94	91	92	90	88	89	87	85	83
2	98	90	83	78	95	88	82	77	84	79	74	81	76	72	77	74	71	68
3	89	79	70	64	87	77	69	63	74	67	62	70	65	60	68	63	59	57
4	81	69	60	53	79	67	59	53	65	57	52	62	56	51	60	54	50	48
5	74	61	52	45	72	60	51	45	57	50	44	55	49	43	53	47	43	40
6	68	54	45	39	66	53	45	38	51	44	38	49	43	37	48	42	37	35
7	63	49	40	34	61	48	39	33	46	39	33	45	38	33	43	37	32	30
8	58	44	36	30	56	43	35	29	42	34	29	41	34	29	39	33	28	26
9	54	40	32	26	53	40	32	26	38	31	26	37	30	26	36	30	25	23
10	51	37	29	23	49	36	29	23	35	28	23	34	28	23	33	27	23	21

Unified Glare Rating Table

Lum. Name: ST040ME1H-CM-T2	Lum. Catalog: LED STREET LIGHT	Test ID:
Lamp Name:	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2022/03/04

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	24.8	26.4	25.2	26.8	27.2	23.8	25.4	24.2	25.8	26.1
	26.3	27.7	26.7	28.1	28.5	24.3	25.8	24.8	26.2	26.6
	26.3	27.6	26.7	28.0	28.5	24.4	25.7	24.8	26.1	26.5
	26.2	27.5	26.7	27.9	28.3	24.3	25.6	24.8	26.0	26.5
	26.2	27.4	26.7	27.8	28.3	24.3	25.5	24.8	26.0	26.4
	26.2	27.3	26.6	27.8	28.2	24.3	25.5	24.8	25.9	26.4
X=4H Y=2H	25.2	26.6	25.6	27.0	27.4	24.7	26.1	25.1	26.4	26.9
	26.6	27.8	27.1	28.2	28.7	25.3	26.4	25.7	26.8	27.3
	26.7	27.7	27.1	28.1	28.6	25.3	26.3	25.7	26.7	27.2
	26.6	27.5	27.1	28.0	28.5	25.3	26.2	25.8	26.6	27.1
	26.6	27.4	27.1	27.9	28.4	25.3	26.1	25.8	26.6	27.1
	26.6	27.3	27.1	27.8	28.4	25.3	26.0	25.8	26.5	27.0
X=8H Y=4H	26.6	27.4	27.1	27.9	28.4	25.3	26.1	25.8	26.6	27.1
	26.6	27.3	27.1	27.8	28.4	25.3	26.0	25.8	26.5	27.1
	26.6	27.2	27.1	27.7	28.2	25.3	25.9	25.9	26.5	27.0
	26.6	27.1	27.1	27.6	28.2	25.3	25.8	25.9	26.4	27.0
X=12H Y=4H	26.6	27.3	27.1	27.8	28.4	25.3	26.0	25.8	26.5	27.1
	26.6	27.2	27.1	27.7	28.3	25.3	25.9	25.9	26.4	27.0
	26.6	27.1	27.1	27.6	28.2	25.3	25.8	25.8	26.4	27.0
Variations with the objerver position at spacings										
S=1.0H	0.4/-0.4					0.5/-0.5				
S=1.5H	2.9/-2.2					1.7/-1.4				
S=2.0H	4.6/-8.5					4.1/-4.9				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.2					1.1				

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	1612. 14	1612. 14	1612. 14	1612. 14	1612. 14	1612. 14	1612. 14	1612. 14
γ 1. 0	1631. 57	1648. 75	1587. 55	1576. 73	1634. 74	1643. 36	1570. 84	1562. 53
γ 2. 0	1630. 59	1651. 90	1596. 41	1584. 40	1636. 95	1641. 08	1563. 13	1555. 90
γ 3. 0	1630. 08	1655. 38	1605. 38	1592. 45	1639. 29	1639. 22	1555. 96	1549. 62
γ 4. 0	1629. 99	1659. 09	1614. 52	1600. 80	1642. 05	1637. 49	1549. 03	1543. 51
γ 5. 0	1630. 26	1662. 96	1623. 86	1609. 36	1645. 01	1636. 09	1541. 97	1537. 75
γ 6. 0	1630. 92	1667. 16	1633. 92	1618. 27	1648. 22	1634. 68	1534. 88	1532. 30
γ 7. 0	1632. 03	1671. 79	1644. 58	1627. 74	1651. 85	1633. 55	1528. 15	1527. 19
γ 8. 0	1633. 48	1676. 73	1655. 53	1637. 70	1655. 91	1632. 59	1521. 60	1522. 43
γ 9. 0	1635. 45	1682. 35	1667. 11	1648. 48	1660. 58	1631. 61	1515. 25	1518. 19
γ 10. 0	1637. 91	1688. 59	1679. 33	1660. 09	1665. 45	1630. 97	1509. 10	1514. 16
γ 11. 0	1640. 52	1695. 79	1692. 29	1672. 75	1670. 78	1630. 46	1503. 09	1510. 27
γ 12. 0	1643. 78	1703. 78	1706. 21	1686. 34	1676. 49	1630. 05	1497. 09	1506. 63
γ 13. 0	1647. 73	1712. 35	1720. 49	1700. 42	1682. 48	1629. 76	1490. 82	1503. 36
γ 14. 0	1652. 09	1721. 07	1733. 90	1714. 48	1688. 97	1629. 55	1484. 53	1500. 04
γ 15. 0	1656. 97	1729. 74	1746. 64	1728. 44	1695. 84	1629. 66	1477. 93	1496. 70
γ 16. 0	1662. 55	1738. 16	1758. 77	1742. 10	1702. 93	1629. 20	1471. 35	1493. 46
γ 17. 0	1669. 03	1746. 47	1770. 27	1755. 64	1710. 14	1628. 60	1464. 65	1490. 07
γ 18. 0	1676. 64	1754. 86	1781. 26	1768. 73	1717. 72	1627. 76	1457. 82	1486. 60
γ 19. 0	1685. 05	1763. 23	1791. 85	1781. 66	1725. 61	1626. 70	1450. 95	1483. 11
γ 20. 0	1694. 33	1771. 37	1801. 88	1794. 39	1733. 50	1625. 01	1443. 86	1479. 75
γ 21. 0	1704. 08	1778. 89	1811. 39	1806. 20	1741. 94	1623. 01	1436. 47	1476. 43
γ 22. 0	1714. 06	1786. 14	1820. 79	1817. 28	1750. 78	1620. 90	1428. 89	1472. 84
γ 23. 0	1723. 86	1793. 34	1829. 93	1827. 90	1760. 03	1618. 61	1420. 91	1469. 11
γ 24. 0	1733. 55	1800. 29	1838. 14	1838. 19	1769. 17	1615. 72	1412. 45	1465. 21
γ 25. 0	1743. 36	1807. 50	1845. 23	1848. 49	1777. 80	1612. 28	1403. 78	1461. 03
γ 26. 0	1753. 25	1814. 59	1851. 06	1859. 04	1785. 63	1608. 13	1394. 82	1456. 46
γ 27. 0	1763. 62	1821. 46	1856. 13	1869. 74	1793. 19	1603. 30	1385. 98	1451. 76
γ 28. 0	1774. 16	1828. 04	1860. 20	1880. 37	1800. 85	1597. 80	1376. 98	1446. 71
γ 29. 0	1784. 27	1834. 04	1863. 26	1890. 43	1808. 65	1591. 33	1367. 75	1441. 31
γ 30. 0	1793. 19	1839. 59	1865. 22	1900. 13	1816. 74	1584. 29	1358. 30	1435. 50
γ 31. 0	1801. 72	1844. 94	1866. 31	1910. 14	1825. 18	1576. 36	1348. 66	1429. 26
γ 32. 0	1809. 65	1849. 82	1866. 67	1920. 11	1833. 46	1567. 62	1338. 62	1422. 41
γ 33. 0	1816. 67	1854. 73	1866. 22	1929. 83	1841. 62	1558. 27	1327. 85	1415. 39
γ 34. 0	1823. 17	1859. 40	1864. 83	1939. 21	1850. 00	1548. 29	1316. 45	1408. 03
γ 35. 0	1829. 45	1863. 94	1862. 45	1948. 54	1859. 02	1537. 48	1304. 61	1400. 19
γ 36. 0	1835. 44	1867. 81	1859. 29	1957. 43	1868. 49	1525. 54	1291. 73	1391. 82
γ 37. 0	1841. 04	1871. 06	1855. 43	1966. 12	1878. 09	1512. 73	1277. 87	1382. 95
γ 38. 0	1846. 71	1873. 89	1850. 50	1974. 74	1887. 88	1498. 98	1263. 15	1373. 33
γ 39. 0	1851. 86	1876. 72	1843. 97	1982. 74	1897. 18	1484. 14	1247. 69	1362. 76
γ 40. 0	1855. 93	1879. 23	1835. 52	1990. 47	1905. 54	1468. 17	1231. 38	1351. 07
γ 41. 0	1859. 58	1881. 58	1825. 31	1997. 91	1912. 51	1451. 28	1214. 16	1338. 60
γ 42. 0	1864. 00	1883. 39	1812. 84	2004. 89	1919. 10	1432. 98	1196. 08	1324. 94
γ 43. 0	1869. 43	1885. 02	1797. 71	2011. 10	1924. 01	1413. 09	1177. 51	1310. 14
γ 44. 0	1874. 24	1886. 40	1780. 10	2015. 94	1927. 60	1391. 80	1158. 56	1294. 05
γ 45. 0	1878. 22	1886. 92	1759. 38	2019. 12	1929. 20	1368. 65	1138. 62	1276. 79
γ 46. 0	1882. 56	1886. 60	1735. 29	2020. 82	1927. 74	1344. 14	1118. 02	1258. 56

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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	1887. 27	1885. 45	1708. 10	2020. 18	1922. 99	1318. 39	1096. 52	1239. 22
γ 48. 0	1891. 80	1882. 46	1677. 30	2016. 57	1915. 58	1291. 43	1073. 56	1218. 47
γ 49. 0	1898. 75	1877. 41	1643. 13	2009. 19	1906. 09	1263. 66	1049. 38	1196. 84
γ 50. 0	1907. 38	1869. 60	1605. 90	1998. 45	1896. 00	1235. 41	1023. 41	1174. 20
γ 51. 0	1911. 71	1859. 27	1564. 72	1984. 72	1885. 72	1206. 48	995. 11	1150. 69
γ 52. 0	1912. 42	1846. 14	1518. 96	1967. 75	1875. 23	1176. 62	964. 44	1126. 02
γ 53. 0	1903. 45	1829. 74	1469. 18	1947. 05	1863. 63	1146. 26	931. 32	1099. 94
γ 54. 0	1887. 64	1809. 52	1414. 68	1921. 51	1851. 66	1114. 76	894. 91	1072. 06
γ 55. 0	1884. 16	1784. 93	1355. 81	1890. 66	1841. 46	1081. 89	855. 50	1041. 87
γ 56. 0	1874. 47	1754. 20	1294. 09	1854. 13	1831. 61	1047. 46	813. 07	1009. 01
γ 57. 0	1864. 07	1712. 04	1228. 70	1810. 80	1821. 66	1011. 24	767. 72	972. 92
γ 58. 0	1843. 02	1659. 03	1159. 70	1760. 28	1815. 76	971. 91	720. 30	933. 39
γ 59. 0	1834. 57	1599. 66	1088. 39	1700. 45	1795. 13	929. 29	670. 29	890. 52
γ 60. 0	1809. 55	1532. 00	1016. 30	1633. 85	1772. 72	883. 29	617. 77	844. 21
γ 61. 0	1759. 13	1447. 90	945. 71	1558. 19	1763. 19	834. 05	564. 73	794. 57
γ 62. 0	1705. 92	1349. 65	877. 99	1467. 08	1756. 28	781. 37	512. 49	741. 74
γ 63. 0	1659. 26	1246. 08	810. 40	1355. 83	1741. 81	725. 83	463. 17	686. 44
γ 64. 0	1586. 28	1127. 73	739. 94	1234. 84	1703. 98	667. 97	418. 05	628. 54
γ 65. 0	1516. 99	986. 87	668. 35	1099. 55	1640. 78	608. 14	376. 94	569. 04
γ 66. 0	1427. 91	833. 24	596. 73	956. 41	1593. 43	547. 28	340. 09	509. 27
γ 67. 0	1299. 54	695. 79	527. 93	816. 53	1547. 06	486. 48	308. 33	450. 01
γ 68. 0	1166. 65	562. 57	461. 54	682. 35	1479. 34	424. 91	283. 41	393. 99
γ 69. 0	971. 00	446. 85	393. 89	561. 68	1380. 91	372. 21	264. 03	343. 26
γ 70. 0	777. 29	352. 86	327. 52	454. 97	1297. 80	325. 61	249. 00	298. 42
γ 71. 0	575. 66	277. 81	268. 95	359. 04	1191. 42	286. 65	236. 29	260. 37
γ 72. 0	397. 42	213. 98	217. 57	282. 17	1065. 18	252. 71	224. 46	229. 39
γ 73. 0	241. 62	166. 57	164. 90	221. 58	938. 74	226. 99	212. 58	205. 06
γ 74. 0	131. 24	135. 12	127. 68	175. 62	782. 30	207. 22	199. 09	182. 62
γ 75. 0	88. 72	110. 74	113. 34	142. 76	630. 77	190. 77	181. 43	163. 28
γ 76. 0	71. 82	95. 16	100. 80	119. 74	467. 80	176. 79	160. 65	145. 38
γ 77. 0	63. 50	81. 94	89. 45	101. 30	321. 99	163. 60	142. 09	128. 44
γ 78. 0	57. 49	71. 80	79. 36	84. 36	202. 76	150. 54	126. 25	111. 89
γ 79. 0	52. 84	64. 70	70. 55	73. 09	134. 62	133. 18	113. 72	97. 05
γ 80. 0	48. 77	58. 61	62. 62	65. 24	98. 34	118. 08	103. 03	86. 01
γ 81. 0	44. 87	53. 34	55. 13	58. 63	80. 26	102. 07	92. 44	76. 35
γ 82. 0	41. 52	48. 95	48. 35	52. 79	70. 20	88. 24	82. 33	67. 46
γ 83. 0	38. 83	45. 44	42. 67	47. 84	62. 72	76. 03	72. 81	59. 18
γ 84. 0	36. 83	42. 63	37. 94	44. 03	57. 02	66. 04	62. 97	52. 77
γ 85. 0	35. 57	40. 66	34. 97	40. 98	52. 61	58. 43	53. 33	47. 77
γ 86. 0	34. 78	39. 43	33. 43	38. 84	48. 83	52. 73	44. 66	43. 82
γ 87. 0	34. 33	38. 61	32. 56	37. 54	45. 12	48. 06	36. 52	40. 44
γ 88. 0	34. 03	37. 86	31. 94	36. 82	41. 54	43. 94	31. 44	37. 29
γ 89. 0	33. 77	36. 84	31. 47	36. 25	38. 47	40. 30	28. 28	34. 53
γ 90. 0	33. 50	35. 40	30. 99	35. 37	36. 08	36. 89	26. 19	32. 25
γ 91. 0	33. 23	33. 92	30. 49	34. 37	34. 33	34. 05	24. 69	30. 79
γ 92. 0	32. 92	32. 68	29. 99	33. 45	32. 86	32. 19	23. 62	29. 76
γ 93. 0	32. 62	31. 88	29. 49	32. 66	31. 72	30. 94	22. 86	29. 10

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