

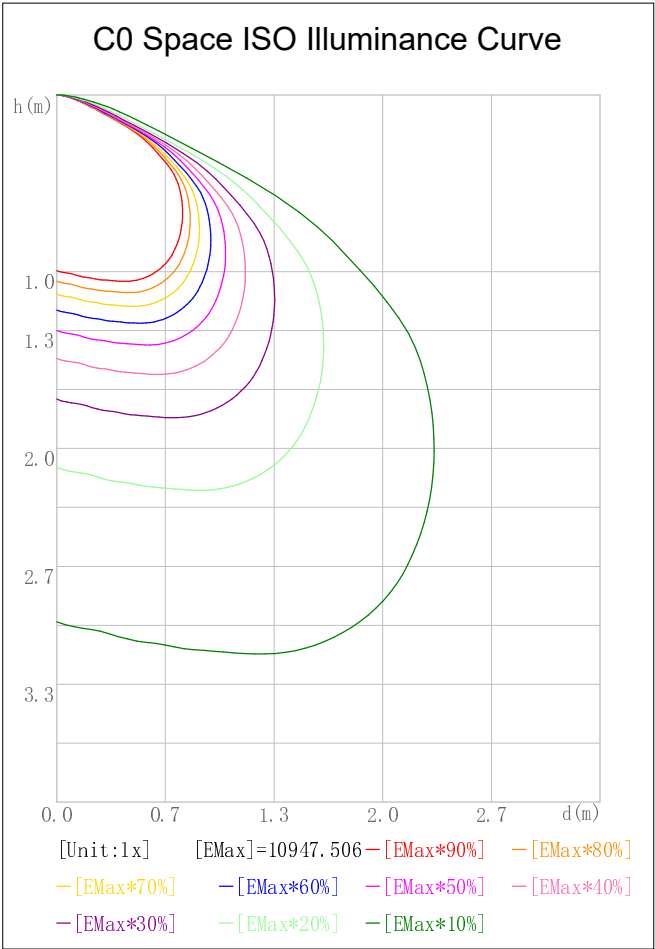
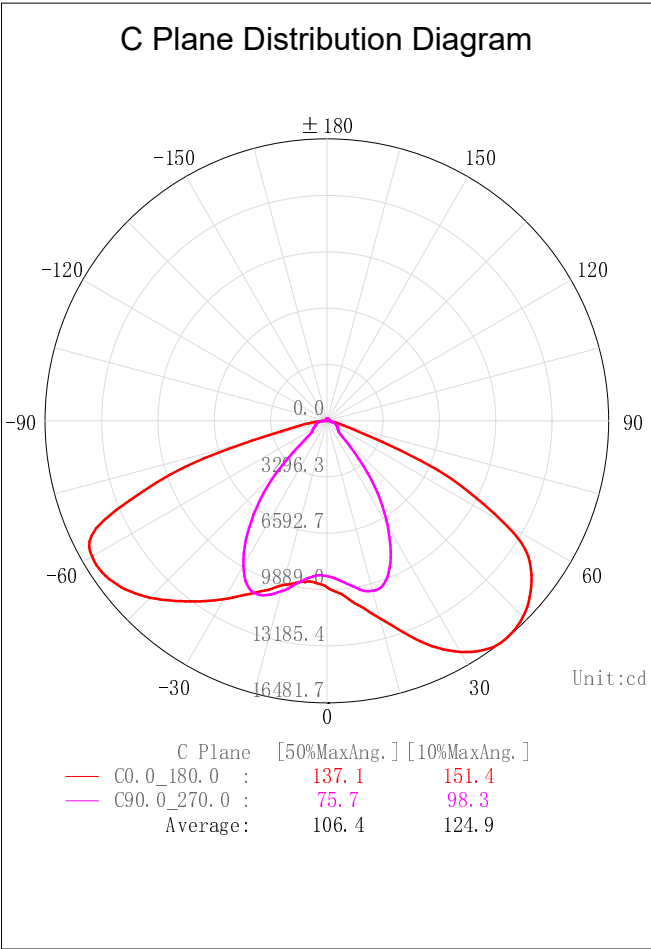
Indoor Luminaire Photometric Data

Description Information

Luminary Name:		Lum. Catalog:	Test ID: 1
Lamp Name:		Lamp Catalog:	Test Date: 2025/04/20
Manufacture:		Shld.Ang(°):	Test Machine:GON-2000
Test Lab: 1		Frequency (Hz):50.0	Lamp CCT(K): Ra:
Lum. Size(W*L*H):1000mm*1000mm*1000mm		Lum. Area(m2):2.000	Lum. W(kg): 1.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp.(°C): 25	Humidity(%): 40

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 30736.266		Luminary Flux(lm): 30736.266	Field Angle(10%Imax): 151.4(°)
Rated Power(W):		Luminary Efficiency: 100.00%	Down Lumens&Percent: 30414.963lm 98.95%
Rated Voltage(V):		Luminary EER(lm/W): 159.338	Up Lumens&Percent: 321.303lm 1.05%
Tested Power(W): 192.900		Max. Candela(cd): 16481.744	S/MH: C0_a180=2.148 C90_270=1.235
Lamps' Inside: 1		Max Cand@Ang. (°): C=0.0 γ=39.0	CIE Type: Semi-Direct
Tested Electrics(V, A, pf):220.0, 0.891, 0.984		Beam Angle (50%Imax): 137.1(°)	ErP Φ use (120°): 24709.956lm
Lamp Size(W*L*H):1000mm*1000mm*1000mm		Left=-72.4°, Right=64.8°	IRF(%): 102.677



IES Indoor Report

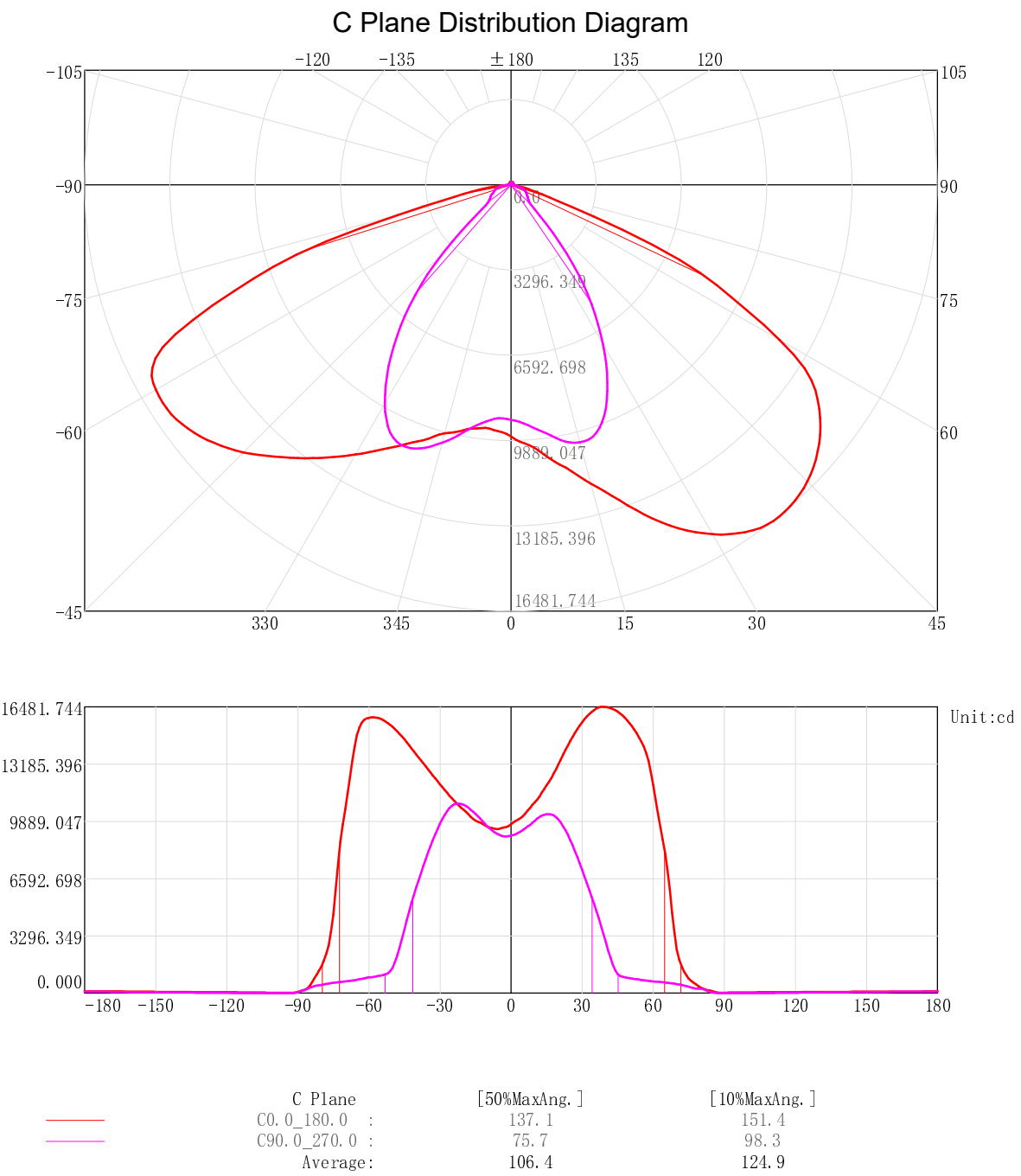
Photometric Filename:200W-1.IES

Average brightness table(cd/m2)

Angle value	Average	Average	Average
Y(°)	L0	L45	L90
45	11459	4518	791
55	12617	2936	671
65	9533	1562	738
75	1644	564	727
85	725	304	296

2D Plane Light Intensity Distribution Curve

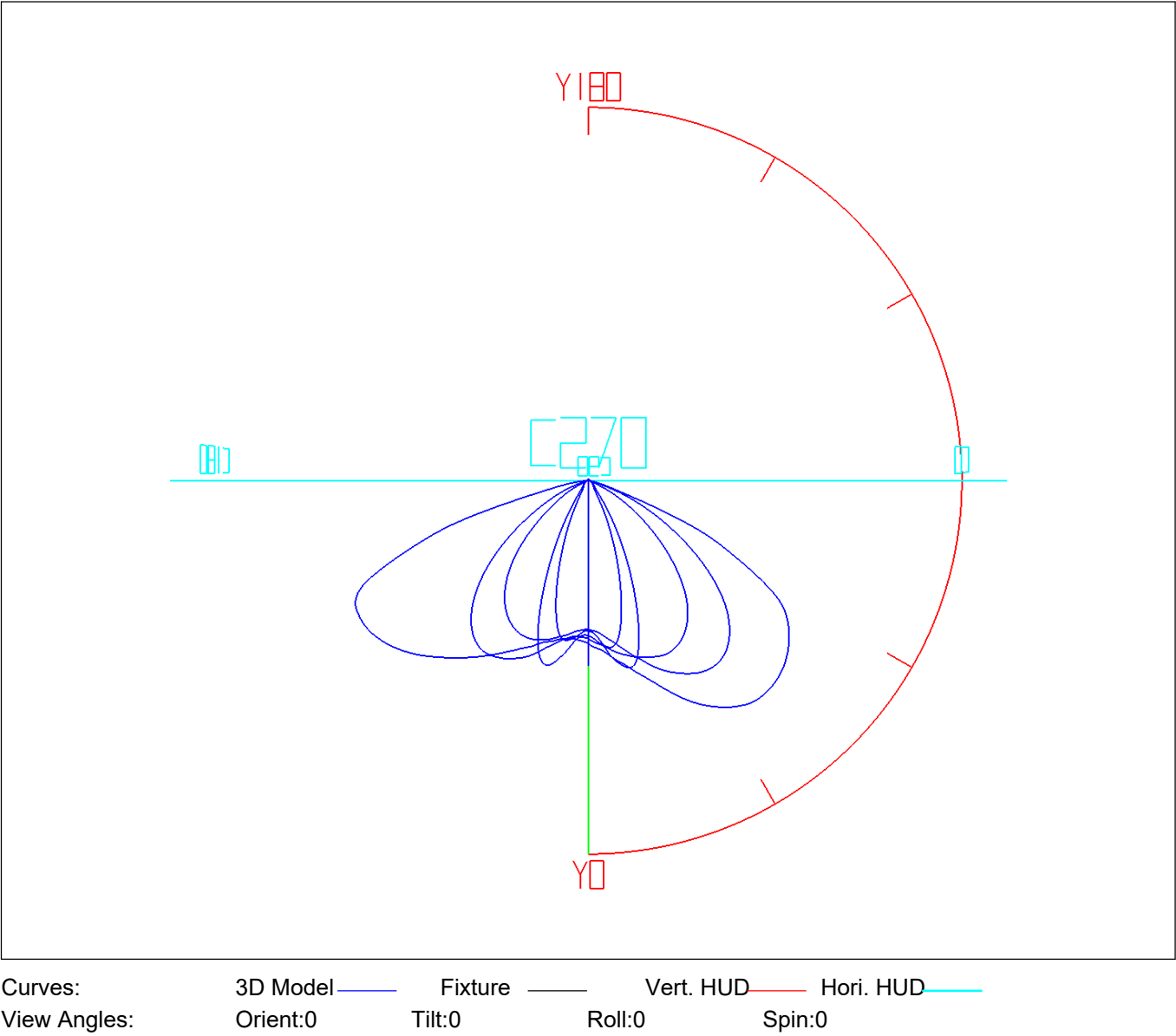
Lum. Name:	Lum. Catalog:	Test ID: 1
Lamp Name:	Lamp Catalog:	Test Lab: 1
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/20



3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catelog:	Test ID: 1
Lamp Name:	Lamp Catelog:	Test Lab: 1
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/20

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:200W-1.IES

Zonal Flux Tabulation

Zone (γ)	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp
0.0-1.0	8.82	8.82	0.03	0.03	47.0-48.0	575.23	20119.47	1.87	65.46
1.0-2.0	26.51	35.33	0.09	0.11	48.0-49.0	563.65	20683.12	1.83	67.29
2.0-3.0	44.30	79.62	0.14	0.26	49.0-50.0	551.89	21235.01	1.80	69.09
3.0-4.0	62.25	141.87	0.20	0.46	50.0-51.0	540.21	21775.22	1.76	70.85
4.0-5.0	80.43	222.30	0.26	0.72	51.0-52.0	528.42	22303.63	1.72	72.56
5.0-6.0	98.96	321.25	0.32	1.05	52.0-53.0	516.58	22820.22	1.68	74.25
6.0-7.0	117.93	439.18	0.38	1.43	53.0-54.0	504.45	23324.66	1.64	75.89
7.0-8.0	137.33	576.52	0.45	1.88	54.0-55.0	491.99	23816.66	1.60	77.49
8.0-9.0	157.16	733.67	0.51	2.39	55.0-56.0	479.51	24296.17	1.56	79.05
9.0-10.0	177.40	911.07	0.58	2.96	56.0-57.0	466.53	24762.69	1.52	80.57
10.0-11.0	198.08	1109.15	0.64	3.61	57.0-58.0	452.84	25215.53	1.47	82.04
11.0-12.0	219.29	1328.44	0.71	4.32	58.0-59.0	438.09	25653.63	1.43	83.46
12.0-13.0	241.05	1569.49	0.78	5.11	59.0-60.0	422.08	26075.71	1.37	84.84
13.0-14.0	263.18	1832.67	0.86	5.96	60.0-61.0	405.53	26481.23	1.32	86.16
14.0-15.0	285.50	2118.17	0.93	6.89	61.0-62.0	388.34	26869.58	1.26	87.42
15.0-16.0	308.00	2426.17	1.00	7.89	62.0-63.0	370.66	27240.24	1.21	88.63
16.0-17.0	330.69	2756.86	1.08	8.97	63.0-64.0	352.94	27593.18	1.15	89.77
17.0-18.0	353.50	3110.37	1.15	10.12	64.0-65.0	334.19	27927.37	1.09	90.86
18.0-19.0	376.30	3486.67	1.22	11.34	65.0-66.0	312.92	28240.29	1.02	91.88
19.0-20.0	398.92	3885.59	1.30	12.64	66.0-67.0	287.83	28528.12	0.94	92.82
20.0-21.0	421.22	4306.81	1.37	14.01	67.0-68.0	259.45	28787.57	0.84	93.66
21.0-22.0	443.12	4749.93	1.44	15.45	68.0-69.0	230.71	29018.29	0.75	94.41
22.0-23.0	464.54	5214.47	1.51	16.97	69.0-70.0	204.53	29222.82	0.67	95.08
23.0-24.0	485.12	5699.59	1.58	18.54	70.0-71.0	182.34	29405.16	0.59	95.67
24.0-25.0	504.67	6204.27	1.64	20.19	71.0-72.0	162.72	29567.88	0.53	96.20
25.0-26.0	523.22	6727.49	1.70	21.89	72.0-73.0	142.47	29710.35	0.46	96.66
26.0-27.0	540.64	7268.13	1.76	23.65	73.0-74.0	120.40	29830.74	0.39	97.05
27.0-28.0	556.80	7824.93	1.81	25.46	74.0-75.0	98.77	29929.51	0.32	97.38
28.0-29.0	571.63	8396.55	1.86	27.32	75.0-76.0	80.74	30010.25	0.26	97.64
29.0-30.0	585.10	8981.66	1.90	29.22	76.0-77.0	67.41	30077.67	0.22	97.86
30.0-31.0	597.21	9578.87	1.94	31.16	77.0-78.0	57.71	30135.38	0.19	98.05
31.0-32.0	607.86	10186.73	1.98	33.14	78.0-79.0	50.20	30185.58	0.16	98.21
32.0-33.0	617.06	10803.79	2.01	35.15	79.0-80.0	43.81	30229.39	0.14	98.35
33.0-34.0	624.84	11428.63	2.03	37.18	80.0-81.0	38.17	30267.56	0.12	98.48
34.0-35.0	631.13	12059.77	2.05	39.24	81.0-82.0	32.97	30300.52	0.11	98.58
35.0-36.0	635.90	12695.66	2.07	41.31	82.0-83.0	27.83	30328.36	0.09	98.67
36.0-37.0	639.07	13334.73	2.08	43.38	83.0-84.0	22.89	30351.24	0.07	98.75
37.0-38.0	640.47	13975.20	2.08	45.47	84.0-85.0	18.35	30369.59	0.06	98.81
38.0-39.0	640.07	14615.26	2.08	47.55	85.0-86.0	14.26	30383.85	0.05	98.85
39.0-40.0	638.05	15253.31	2.08	49.63	86.0-87.0	10.90	30394.75	0.04	98.89
40.0-41.0	634.48	15887.79	2.06	51.69	87.0-88.0	8.43	30403.18	0.03	98.92
41.0-42.0	629.40	16517.19	2.05	53.74	88.0-89.0	6.63	30409.81	0.02	98.94
42.0-43.0	622.88	17140.07	2.03	55.76	89.0-90.0	5.15	30414.96	0.02	98.95
43.0-44.0	615.04	17755.11	2.00	57.77	90.0-91.0	3.89	30418.85	0.01	98.97
44.0-45.0	606.29	18361.40	1.97	59.74	91.0-92.0	3.04	30421.89	0.01	98.98
45.0-46.0	596.64	18958.04	1.94	61.68	92.0-93.0	2.63	30424.52	0.01	98.99
46.0-47.0	586.21	19544.24	1.91	63.59	93.0-94.0	2.50	30427.02	0.01	98.99

IES Indoor Report

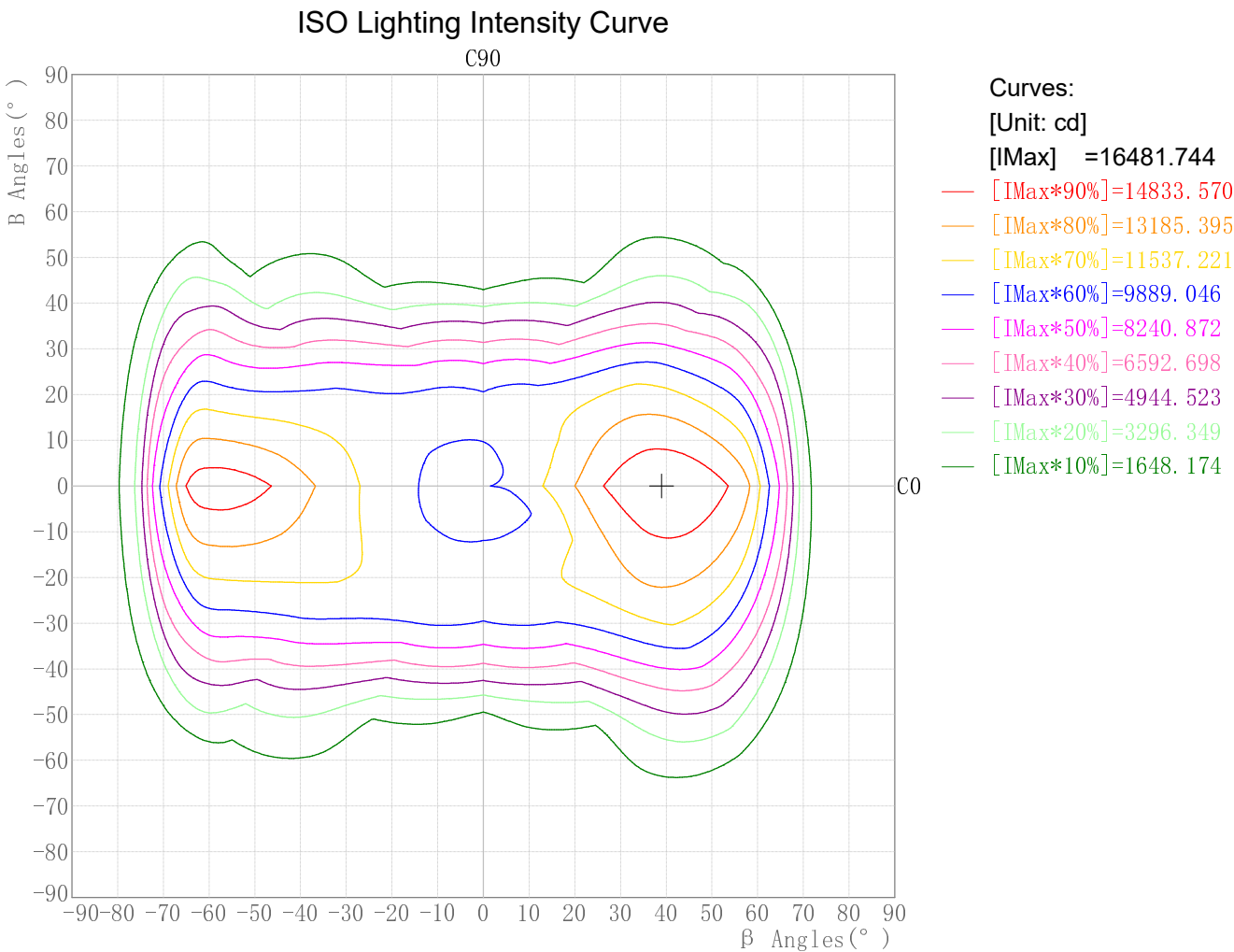
Photometric Filename:200W-1.IES

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	2. 51	30429. 53	0. 01	99. 00	141. 0-142. 0	4. 83	30626. 63	0. 02	99. 64
95. 0-96. 0	2. 57	30432. 10	0. 01	99. 01	142. 0-143. 0	4. 78	30631. 41	0. 02	99. 66
96. 0-97. 0	2. 65	30434. 74	0. 01	99. 02	143. 0-144. 0	4. 72	30636. 13	0. 02	99. 67
97. 0-98. 0	2. 72	30437. 46	0. 01	99. 03	144. 0-145. 0	4. 66	30640. 79	0. 02	99. 69
98. 0-99. 0	2. 80	30440. 26	0. 01	99. 04	145. 0-146. 0	4. 60	30645. 39	0. 01	99. 70
99. 0-100. 0	2. 89	30443. 15	0. 01	99. 05	146. 0-147. 0	4. 52	30649. 91	0. 01	99. 72
100. 0-101. 0	2. 97	30446. 12	0. 01	99. 06	147. 0-148. 0	4. 45	30654. 36	0. 01	99. 73
101. 0-102. 0	3. 06	30449. 18	0. 01	99. 07	148. 0-149. 0	4. 37	30658. 74	0. 01	99. 75
102. 0-103. 0	3. 15	30452. 33	0. 01	99. 08	149. 0-150. 0	4. 29	30663. 03	0. 01	99. 76
103. 0-104. 0	3. 24	30455. 57	0. 01	99. 09	150. 0-151. 0	4. 21	30667. 24	0. 01	99. 78
104. 0-105. 0	3. 33	30458. 89	0. 01	99. 10	151. 0-152. 0	4. 13	30671. 37	0. 01	99. 79
105. 0-106. 0	3. 41	30462. 31	0. 01	99. 11	152. 0-153. 0	4. 03	30675. 40	0. 01	99. 80
106. 0-107. 0	3. 51	30465. 81	0. 01	99. 12	153. 0-154. 0	3. 93	30679. 33	0. 01	99. 81
107. 0-108. 0	3. 60	30469. 41	0. 01	99. 13	154. 0-155. 0	3. 83	30683. 16	0. 01	99. 83
108. 0-109. 0	3. 69	30473. 10	0. 01	99. 14	155. 0-156. 0	3. 74	30686. 90	0. 01	99. 84
109. 0-110. 0	3. 77	30476. 87	0. 01	99. 16	156. 0-157. 0	3. 63	30690. 53	0. 01	99. 85
110. 0-111. 0	3. 86	30480. 73	0. 01	99. 17	157. 0-158. 0	3. 52	30694. 05	0. 01	99. 86
111. 0-112. 0	3. 95	30484. 68	0. 01	99. 18	158. 0-159. 0	3. 41	30697. 46	0. 01	99. 87
112. 0-113. 0	4. 04	30488. 71	0. 01	99. 19	159. 0-160. 0	3. 30	30700. 76	0. 01	99. 88
113. 0-114. 0	4. 12	30492. 83	0. 01	99. 21	160. 0-161. 0	3. 19	30703. 95	0. 01	99. 89
114. 0-115. 0	4. 19	30497. 03	0. 01	99. 22	161. 0-162. 0	3. 08	30707. 03	0. 01	99. 90
115. 0-116. 0	4. 28	30501. 30	0. 01	99. 24	162. 0-163. 0	2. 96	30709. 99	0. 01	99. 91
116. 0-117. 0	4. 35	30505. 65	0. 01	99. 25	163. 0-164. 0	2. 84	30712. 83	0. 01	99. 92
117. 0-118. 0	4. 41	30510. 07	0. 01	99. 26	164. 0-165. 0	2. 71	30715. 54	0. 01	99. 93
118. 0-119. 0	4. 48	30514. 55	0. 01	99. 28	165. 0-166. 0	2. 57	30718. 11	0. 01	99. 94
119. 0-120. 0	4. 55	30519. 10	0. 01	99. 29	166. 0-167. 0	2. 42	30720. 53	0. 01	99. 95
120. 0-121. 0	4. 61	30523. 71	0. 01	99. 31	167. 0-168. 0	2. 26	30722. 79	0. 01	99. 96
121. 0-122. 0	4. 67	30528. 38	0. 02	99. 32	168. 0-169. 0	2. 10	30724. 89	0. 01	99. 96
122. 0-123. 0	4. 73	30533. 10	0. 02	99. 34	169. 0-170. 0	1. 93	30726. 82	0. 01	99. 97
123. 0-124. 0	4. 77	30537. 88	0. 02	99. 35	170. 0-171. 0	1. 76	30728. 58	0. 01	99. 98
124. 0-125. 0	4. 81	30542. 69	0. 02	99. 37	171. 0-172. 0	1. 59	30730. 17	0. 01	99. 98
125. 0-126. 0	4. 85	30547. 54	0. 02	99. 39	172. 0-173. 0	1. 41	30731. 59	0. 00	99. 98
126. 0-127. 0	4. 88	30552. 42	0. 02	99. 40	173. 0-174. 0	1. 23	30732. 82	0. 00	99. 99
127. 0-128. 0	4. 91	30557. 33	0. 02	99. 42	174. 0-175. 0	1. 05	30733. 87	0. 00	99. 99
128. 0-129. 0	4. 93	30562. 26	0. 02	99. 43	175. 0-176. 0	0. 86	30734. 73	0. 00	99. 99
129. 0-130. 0	4. 95	30567. 21	0. 02	99. 45	176. 0-177. 0	0. 67	30735. 40	0. 00	100. 00
130. 0-131. 0	4. 96	30572. 17	0. 02	99. 47	177. 0-178. 0	0. 48	30735. 88	0. 00	100. 00
131. 0-132. 0	4. 98	30577. 14	0. 02	99. 48	178. 0-179. 0	0. 29	30736. 17	0. 00	100. 00
132. 0-133. 0	4. 99	30582. 13	0. 02	99. 50	179. 0-180. 0	0. 10	30736. 27	0. 00	100. 00
133. 0-134. 0	5. 00	30587. 13	0. 02	99. 51	Conical surface Flux(90deg):18361.396 %lm = 59.74 %lamp = 59.74				
134. 0-135. 0	5. 00	30592. 14	0. 02	99. 53					
135. 0-136. 0	5. 00	30597. 14	0. 02	99. 55					
136. 0-137. 0	4. 99	30602. 12	0. 02	99. 56					
137. 0-138. 0	4. 97	30607. 09	0. 02	99. 58	Conical surface Flux(120deg):26075.707 %lm = 84.84 %lamp = 84.84				
138. 0-139. 0	4. 94	30612. 03	0. 02	99. 60					
139. 0-140. 0	4. 91	30616. 94	0. 02	99. 61					
140. 0-141. 0	4. 87	30621. 81	0. 02	99. 63					

Rectangle ISO Lighting Intensity Diagram

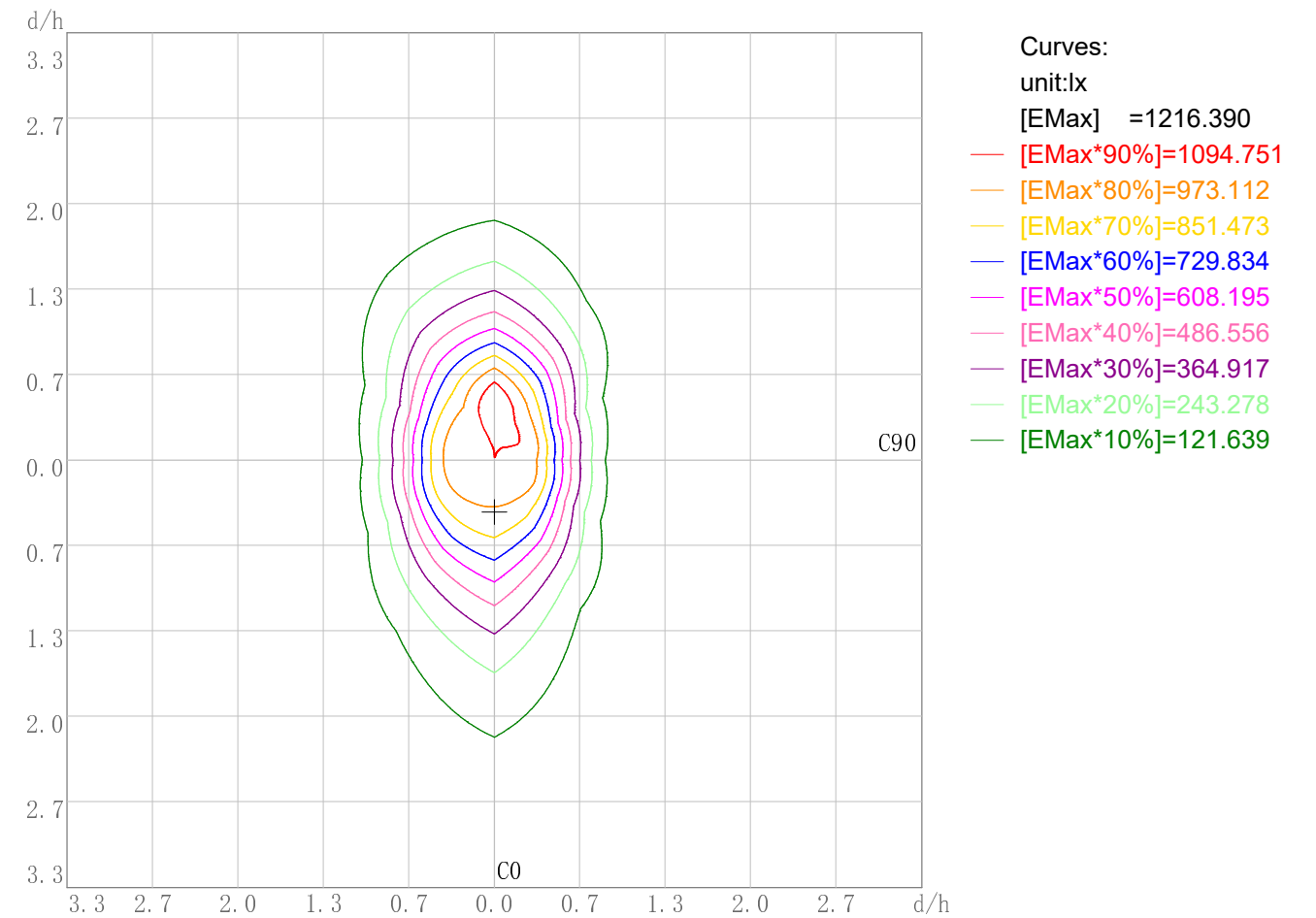
Lum. Name:	Lum. Catalog:	Test ID: 1
Lamp Name:	Lamp Catalog:	Test Lab: 1
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/20



Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID: 1
Lamp Name:	Lamp Catalog:	Test Lab: 1
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/20

Plane ISO-Illuminance Curve

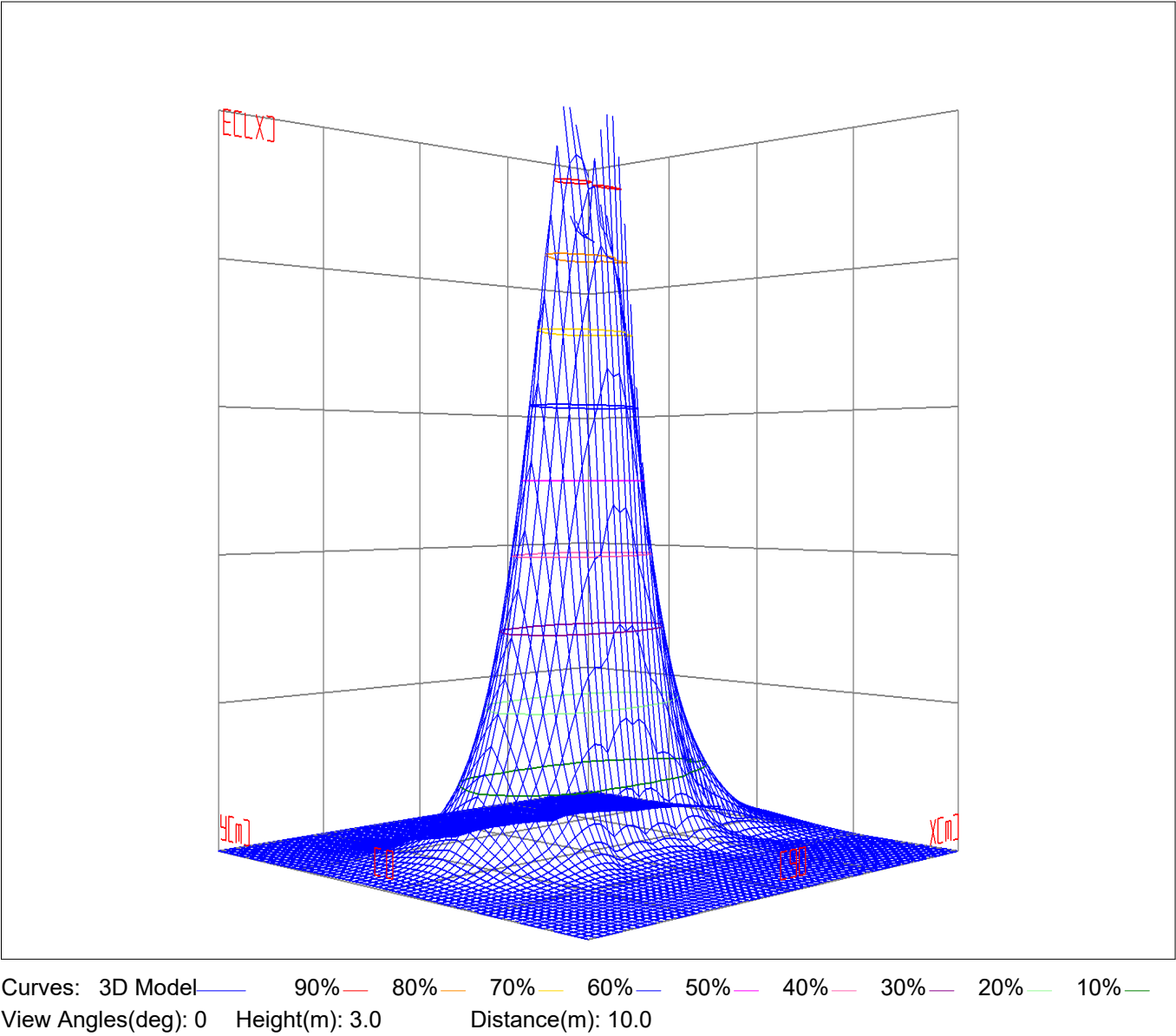


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 1216.39
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.4

3D Plane ISO Illuminance Diagram

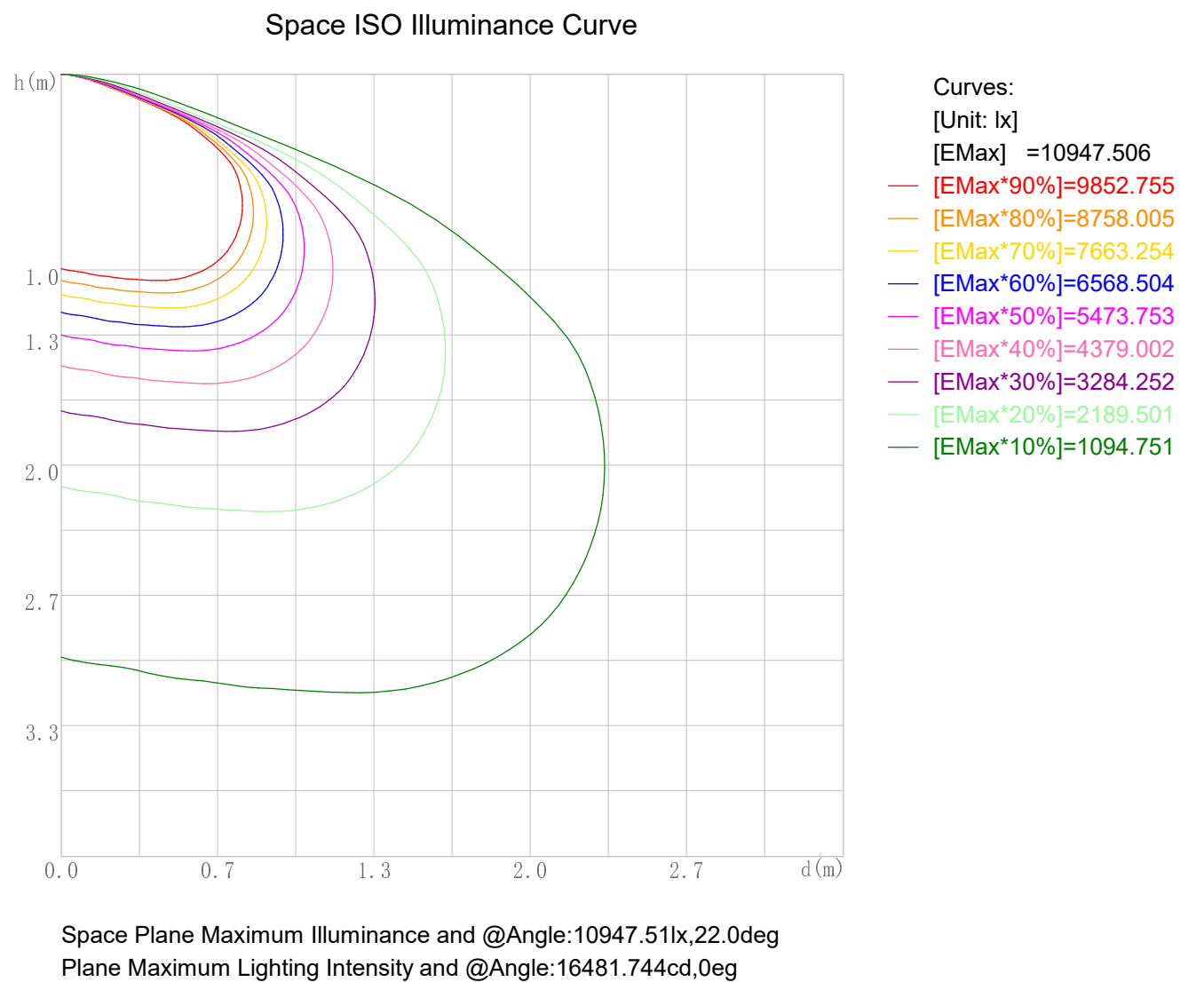
Lum. Name:	Lum. Catalog:	Test ID: 1
Lamp Name:	Lamp Catalog:	Test Lab: 1
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/20

3D Plane Illuminance Modal



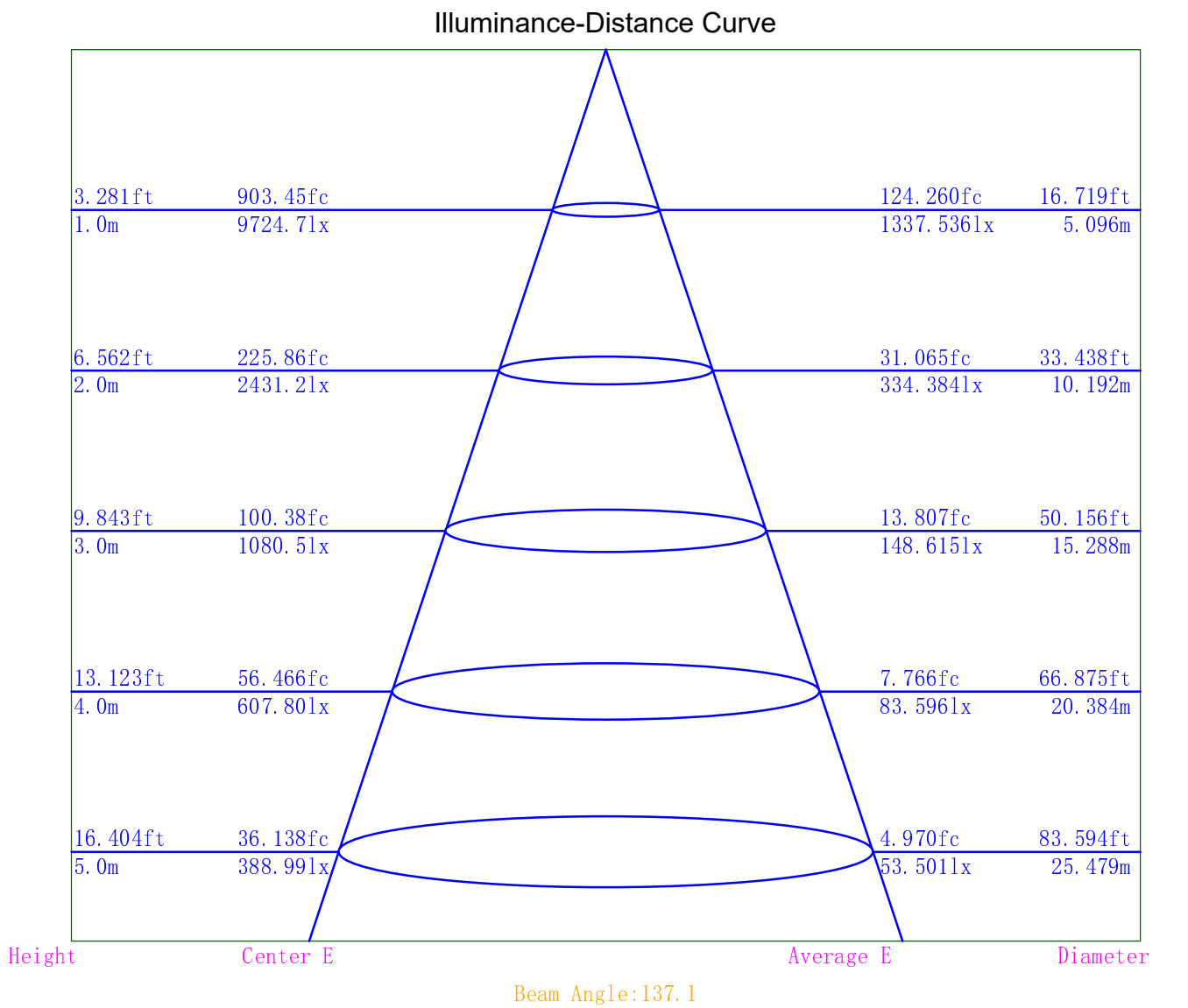
Space ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID: 1
Lamp Name:	Lamp Catalog:	Test Lab: 1
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/20



Illuminance-Distance Diagram

Lum. Name:	Lum. Catalog:	Test ID: 1
Lamp Name:	Lamp Catalog:	Test Lab: 1
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/20



Indoor Luminance Limiting Curves

Lum. Name:	Lum. Catalog:	Test ID: 1
Lamp Name:	Lamp Catalog:	Test Lab: 1
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/20

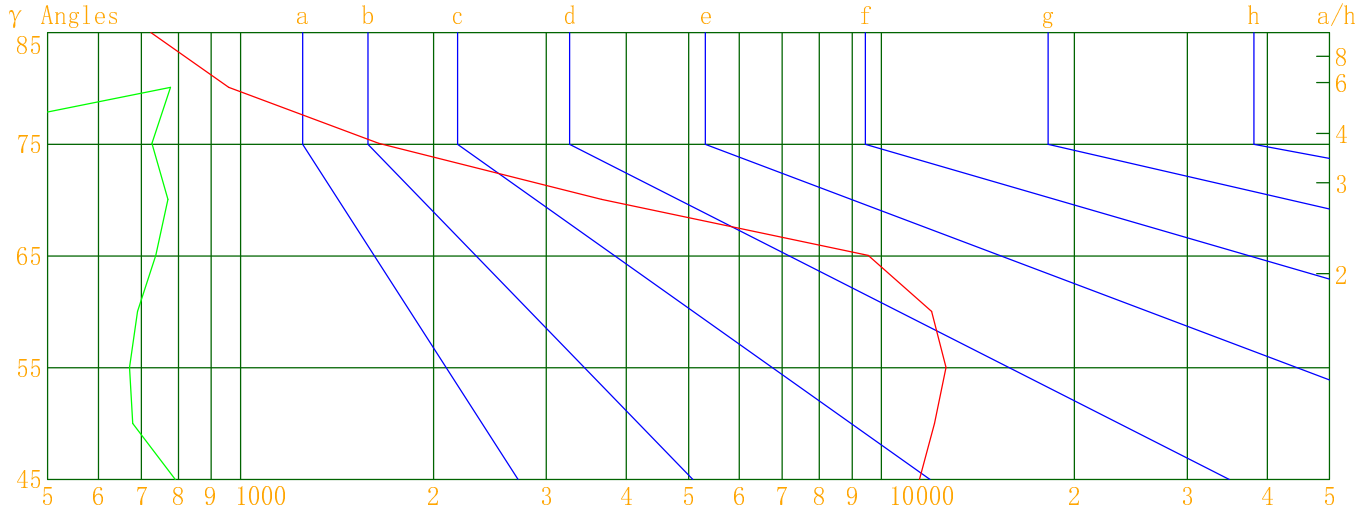
Glare Grade Table

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	11459	12094	12617	11980	9533	3659	1644	958	725
C90	791	679	671	691	738	770	727	778	296

Luminance Limiting Curve



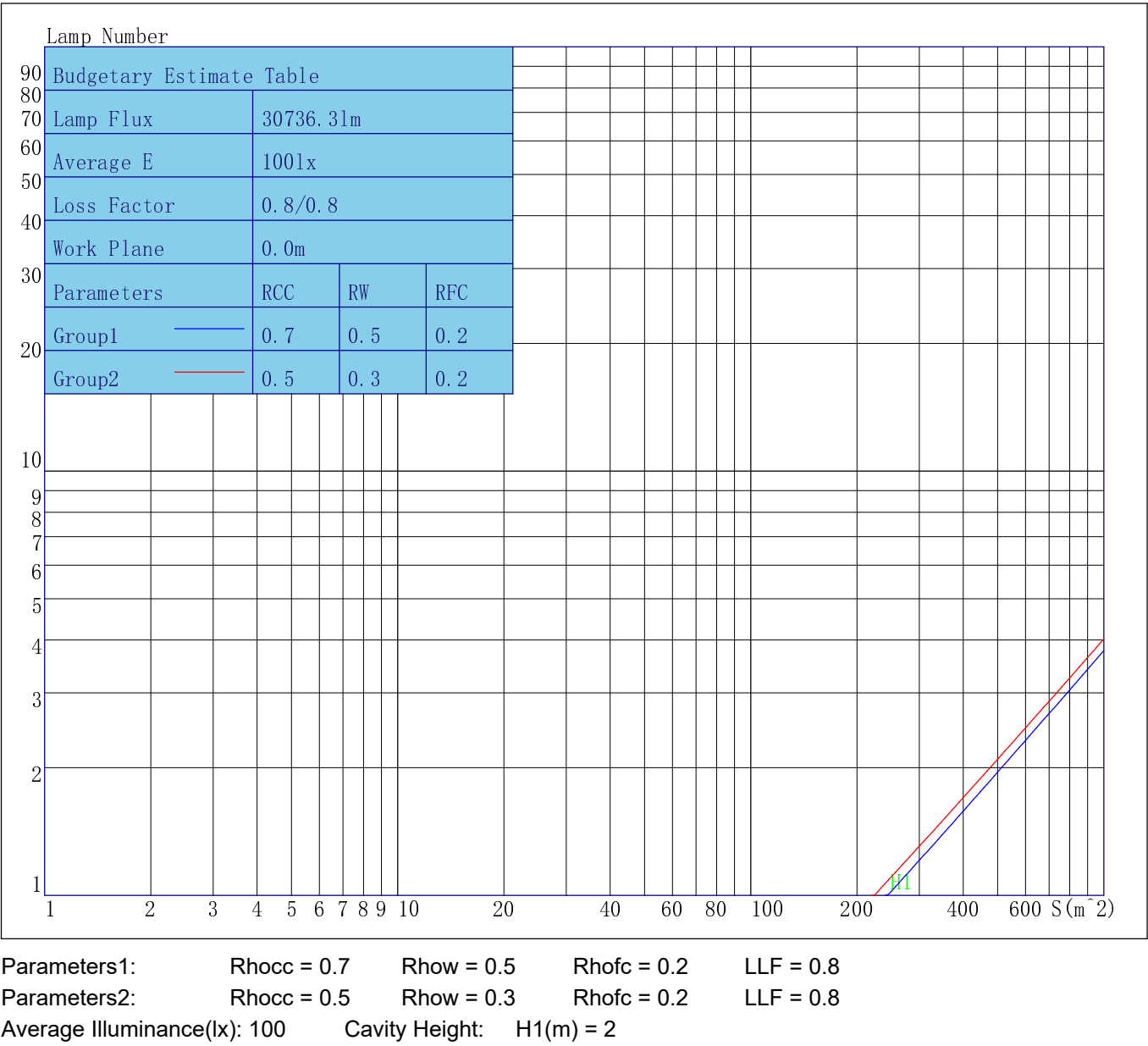
Luminous Size: Length(m)=1.000 Width(m)=1.000 Height(m)=1.000 Area(m^2)=2.000000

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name:	Lum. Catalog:	Test ID: 1
Lamp Name:	Lamp Catalog:	Test Lab: 1
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/20



Indoor Coefficient of Utilization Table

Lum. Name:	Lum. Catelog:	Test ID: 1
Lamp Name:	Lamp Catelog:	Test Lab: 1
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/20

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	110	106	102	98	107	103	100	97	99	96	93	95	92	90	91	89	88	85
2	101	93	87	82	98	91	85	80	87	83	78	84	80	77	81	78	75	73
3	92	82	75	69	90	81	74	68	78	72	67	75	70	65	72	68	64	62
4	84	73	65	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	65	57	51	76	64	56	50	62	55	50	60	54	49	58	53	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	43	41
7	67	53	45	39	65	53	45	39	51	44	38	49	43	38	48	42	38	36
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32
9	58	45	37	31	56	44	36	31	43	36	31	42	35	31	41	35	30	29
10	54	41	33	28	53	41	33	28	39	33	28	38	32	28	38	32	28	26

Unified Glare Rating Table

Lum. Name:	Lum. Catalog:	Test ID: 1
Lamp Name:	Lamp Catalog:	Test Lab: 1
Manufacture:	Test Machine:GON-2000	Test Date: 2025/04/20

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	22.1	23.6	22.5	24.0	24.3	9.6	11.2	10.0	11.5	11.8
	Y=3H	22.9	24.3	23.3	24.6	25.0	10.1	11.5	10.5	11.9	12.2
	Y=4H	22.8	24.2	23.3	24.5	25.0	10.4	11.7	10.8	12.1	12.5
	Y=6H	22.8	24.0	23.2	24.4	24.8	10.6	11.9	11.1	12.3	12.7
	Y=8H	22.8	24.0	23.2	24.4	24.8	10.7	11.9	11.2	12.3	12.8
	Y=12H	22.7	23.9	23.2	24.3	24.7	10.8	11.9	11.2	12.3	12.7
X=4H	Y=2H	22.0	23.4	22.5	23.7	24.1	11.4	12.7	11.8	13.1	13.5
	Y=3H	22.9	24.0	23.3	24.4	24.9	11.8	12.9	12.2	13.3	13.7
	Y=4H	22.9	23.9	23.3	24.3	24.8	12.0	13.0	12.5	13.5	13.9
	Y=6H	22.9	23.8	23.3	24.2	24.7	12.3	13.2	12.7	13.6	14.1
	Y=8H	22.8	23.7	23.3	24.1	24.6	12.4	13.2	12.8	13.7	14.2
	Y=12H	22.8	23.6	23.3	24.1	24.5	12.4	13.1	12.9	13.6	14.1
X=8H	Y=4H	22.8	23.6	23.3	24.1	24.6	12.2	13.1	12.7	13.5	14.0
	Y=6H	22.8	23.5	23.3	24.0	24.6	12.5	13.2	13.0	13.8	14.4
	Y=8H	22.7	23.4	23.2	23.9	24.4	12.7	13.3	13.2	13.8	14.3
	Y=12H	22.7	23.3	23.2	23.8	24.4	12.7	13.3	13.2	13.8	14.4
X=12H	Y=4H	22.8	23.5	23.3	24.0	24.5	12.2	13.0	12.7	13.5	14.0
	Y=6H	22.7	23.4	23.3	23.8	24.4	12.5	13.2	13.1	13.7	14.2
	Y=8H	22.7	23.3	23.2	23.8	24.4	12.7	13.3	13.2	13.8	14.3
Variations with the objerver position at spacings											
S=1.0H		0.8/-0.9					0.5/-0.5				
S=1.5H		2.4/-2.5					0.8/-1.0				
S=2.0H		5.8/-7.5					0.9/-1.2				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		0.7					1.9				

Calculation is according to the CIE Pub.117,data has been corrected,refers to the lamp's lumen

IES Indoor Report

Photometric Filename:200W-1.IES

Candela Tabulation

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
γ 0. 0	9724. 7	9417. 4	9234. 7	9076. 7	8954. 1	8867. 0	9724. 7	9417. 4	9234. 7	9076. 7	8954. 1	8867. 0
γ 1. 0	9838. 6	9525. 5	9288. 5	9115. 8	8965. 0	8874. 0	9623. 7	9352. 8	9193. 5	9051. 7	8952. 9	8887. 1
γ 2. 0	9926. 7	9634. 3	9358. 8	9161. 8	8995. 7	8915. 8	9571. 6	9313. 1	9159. 7	9032. 8	8954. 2	8916. 3
γ 3. 0	10007. 7	9723. 7	9444. 2	9228. 6	9050. 4	8961. 0	9534. 8	9280. 4	9138. 3	9032. 3	8968. 4	8948. 5
γ 4. 0	10086. 4	9808. 4	9549. 9	9305. 5	9126. 9	9006. 2	9499. 1	9249. 8	9134. 6	9063. 6	9006. 4	8991. 6
γ 5. 0	10186. 7	9897. 3	9672. 2	9401. 5	9224. 1	9059. 5	9454. 0	9228. 0	9155. 5	9122. 7	9063. 6	9055. 2
γ 6. 0	10331. 3	9999. 6	9795. 5	9493. 8	9334. 7	9135. 2	9442. 3	9223. 8	9190. 1	9194. 8	9140. 7	9158. 3
γ 7. 0	10506. 1	10117. 3	9909. 7	9595. 0	9438. 7	9231. 2	9471. 2	9265. 2	9237. 2	9274. 4	9239. 2	9266. 7
γ 8. 0	10675. 6	10249. 9	10015. 2	9689. 8	9544. 0	9339. 0	9502. 6	9321. 9	9285. 7	9374. 0	9353. 2	9369. 5
γ 9. 0	10843. 7	10397. 2	10112. 0	9801. 9	9647. 4	9442. 8	9537. 3	9376. 5	9358. 2	9489. 7	9487. 9	9480. 2
γ 10. 0	10990. 9	10530. 5	10225. 2	9927. 3	9744. 0	9532. 9	9579. 8	9437. 7	9456. 5	9608. 3	9629. 4	9595. 2
γ 11. 0	11131. 5	10649. 7	10353. 9	10050. 8	9854. 6	9610. 7	9659. 1	9507. 3	9569. 0	9751. 6	9767. 9	9715. 7
γ 12. 0	11324. 6	10766. 7	10480. 6	10146. 1	9969. 3	9690. 0	9744. 9	9597. 3	9696. 8	9902. 5	9930. 1	9858. 0
γ 13. 0	11537. 7	10886. 4	10601. 9	10217. 3	10090. 2	9793. 8	9817. 8	9708. 5	9833. 4	10055. 7	10090. 9	10000. 9
γ 14. 0	11754. 2	10994. 0	10701. 3	10269. 7	10200. 8	9906. 6	9880. 1	9827. 4	9967. 3	10195. 4	10254. 0	10146. 5
γ 15. 0	11958. 3	11107. 3	10782. 4	10297. 2	10305. 1	10018. 1	9941. 4	9927. 3	10110. 0	10315. 2	10397. 4	10300. 2
γ 16. 0	12163. 8	11232. 3	10845. 5	10304. 2	10388. 3	10114. 5	10039. 6	10036. 2	10233. 4	10441. 6	10519. 2	10459. 4
γ 17. 0	12395. 1	11353. 2	10878. 7	10286. 0	10448. 5	10200. 2	10165. 8	10165. 9	10345. 3	10564. 0	10636. 1	10609. 3
γ 18. 0	12639. 1	11453. 9	10887. 9	10231. 4	10487. 9	10288. 7	10308. 3	10303. 6	10476. 3	10679. 5	10734. 3	10745. 0
γ 19. 0	12900. 6	11535. 0	10861. 3	10133. 6	10498. 9	10381. 7	10443. 9	10446. 5	10605. 7	10774. 2	10829. 4	10899. 8
γ 20. 0	13176. 5	11615. 3	10790. 7	9995. 6	10467. 0	10460. 9	10554. 8	10593. 2	10733. 1	10849. 3	10924. 0	11078. 6
γ 21. 0	13448. 8	11717. 3	10675. 9	9821. 1	10390. 7	10529. 2	10664. 3	10727. 6	10850. 4	10896. 5	11021. 0	11251. 4
γ 22. 0	13734. 7	11827. 8	10530. 2	9609. 8	10275. 2	10596. 7	10792. 3	10844. 4	10958. 0	10916. 0	11112. 8	11418. 0
γ 23. 0	14012. 6	11942. 5	10341. 1	9378. 1	10111. 7	10652. 2	10942. 2	10952. 4	11042. 6	10912. 1	11185. 8	11579. 9
γ 24. 0	14270. 7	12044. 1	10125. 2	9107. 1	9911. 5	10702. 4	11086. 7	11041. 8	11099. 1	10868. 5	11229. 3	11724. 7
γ 25. 0	14528. 6	12137. 7	9887. 0	8806. 0	9687. 8	10739. 5	11221. 3	11121. 3	11121. 0	10777. 0	11238. 8	11867. 1
γ 26. 0	14763. 6	12221. 4	9617. 9	8501. 6	9429. 4	10763. 3	11375. 7	11202. 7	11110. 4	10650. 2	11218. 2	12000. 7
γ 27. 0	14987. 8	12287. 0	9320. 6	8167. 7	9141. 8	10776. 8	11540. 6	11290. 6	11066. 2	10475. 8	11155. 4	12114. 1
γ 28. 0	15202. 7	12330. 3	9011. 6	7836. 3	8841. 1	10778. 2	11701. 0	11368. 3	10984. 2	10262. 2	11048. 6	12218. 3
γ 29. 0	15393. 7	12356. 7	8675. 0	7480. 8	8514. 6	10760. 7	11868. 7	11425. 8	10871. 3	10027. 1	10902. 7	12325. 5
γ 30. 0	15588. 3	12365. 3	8335. 5	7107. 0	8179. 3	10725. 6	12030. 6	11477. 3	10716. 3	9759. 9	10722. 6	12437. 2
γ 31. 0	15767. 0	12357. 4	7976. 4	6734. 5	7820. 8	10675. 5	12199. 1	11527. 7	10520. 0	9458. 2	10504. 9	12537. 6
γ 32. 0	15920. 4	12334. 1	7611. 2	6343. 9	7451. 4	10609. 6	12368. 8	11572. 6	10286. 9	9145. 7	10265. 8	12623. 9
γ 33. 0	16060. 5	12289. 1	7245. 1	5946. 4	7075. 9	10532. 1	12532. 3	11608. 9	10013. 1	8804. 6	9995. 3	12708. 8
γ 34. 0	16184. 8	12229. 9	6865. 6	5559. 7	6678. 0	10439. 8	12705. 2	11627. 8	9709. 9	8465. 3	9706. 9	12778. 6
γ 35. 0	16295. 7	12145. 8	6477. 2	5158. 4	6273. 4	10330. 7	12883. 9	11624. 9	9386. 2	8098. 8	9406. 2	12834. 4
γ 36. 0	16387. 4	12045. 5	6099. 1	4763. 5	5876. 6	10210. 6	13053. 1	11606. 9	9030. 4	7715. 8	9077. 1	12875. 6
γ 37. 0	16445. 9	11921. 6	5712. 1	4335. 4	5473. 8	10064. 3	13227. 5	11567. 0	8674. 6	7330. 4	8743. 8	12897. 4
γ 38. 0	16479. 3	11771. 3	5334. 6	3880. 6	5078. 7	9906. 4	13391. 2	11503. 5	8293. 6	6925. 1	8391. 2	12905. 8
γ 39. 0	16481. 7	11608. 8	4942. 8	3413. 7	4675. 0	9732. 9	13563. 8	11426. 5	7895. 5	6502. 6	8022. 7	12899. 3
γ 40. 0	16469. 8	11413. 7	4553. 8	2929. 4	4280. 3	9531. 4	13744. 7	11334. 6	7499. 6	6084. 8	7657. 5	12870. 5
γ 41. 0	16446. 6	11198. 1	4182. 3	2458. 2	3905. 4	9311. 1	13918. 4	11212. 0	7074. 0	5645. 5	7267. 5	12821. 9
γ 42. 0	16409. 9	10954. 3	3805. 4	2030. 7	3518. 1	9077. 9	14096. 0	11075. 8	6645. 9	5201. 1	6873. 7	12755. 1
γ 43. 0	16352. 9	10681. 7	3429. 3	1634. 2	3130. 8	8818. 0	14274. 6	10917. 8	6225. 1	4715. 9	6487. 0	12668. 4
γ 44. 0	16289. 1	10389. 1	3072. 5	1329. 2	2765. 6	8546. 9	14447. 8	10744. 5	5789. 2	4200. 7	6082. 6	12553. 7
γ 45. 0	16205. 6	10060. 1	2717. 8	1119. 3	2407. 2	8246. 3	14624. 6	10551. 8	5370. 2	3683. 1	5692. 2	12422. 7
γ 46. 0	16107. 3	9707. 6	2388. 1	1002. 9	2088. 3	7923. 6	14775. 2	10330. 5	4942. 0	3149. 4	5289. 7	12270. 0

IES Indoor Report
Photometric Filename:200W-1.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 47.0	15990.7	9343.6	2071.6	955.0	1793.4	7592.8	14923.5	10091.6	4513.8	2634.3	4887.8	12094.6
γ 48.0	15853.9	8944.8	1783.6	924.2	1542.8	7225.1	15070.7	9837.3	4095.4	2180.2	4502.0	11900.3
γ 49.0	15705.5	8530.0	1543.3	896.6	1340.0	6841.5	15200.9	9554.1	3671.6	1777.3	4108.4	11676.6
γ 50.0	15547.3	8119.9	1336.1	872.4	1169.7	6453.9	15335.6	9264.2	3265.3	1472.0	3720.8	11438.7
γ 51.0	15368.6	7681.7	1170.7	850.2	1032.0	6049.4	15451.3	8947.4	2887.8	1269.5	3345.7	11170.5
γ 52.0	15173.6	7254.4	1044.1	831.5	927.2	5649.0	15548.6	8612.7	2519.5	1151.6	2962.6	10871.9
γ 53.0	14965.1	6803.4	944.8	808.9	845.4	5232.6	15635.7	8271.9	2188.0	1094.9	2607.2	10560.5
γ 54.0	14729.4	6352.1	872.3	788.9	789.2	4815.2	15721.1	7900.5	1878.5	1055.8	2265.4	10212.7
γ 55.0	14473.4	5916.3	819.1	770.3	750.1	4421.5	15793.5	7509.2	1614.8	1024.6	1957.6	9830.4
γ 56.0	14190.5	5475.4	782.6	753.7	720.6	4027.0	15847.6	7119.7	1400.1	999.8	1699.1	9442.9
γ 57.0	13838.8	5040.0	756.6	739.2	696.9	3647.8	15868.1	6707.7	1220.2	973.5	1474.0	9020.3
γ 58.0	13377.0	4626.5	733.7	723.1	676.2	3300.8	15883.6	6300.4	1075.5	947.1	1291.7	8591.9
γ 59.0	12736.4	4214.9	713.3	706.7	658.0	2965.2	15871.5	5876.6	966.6	929.2	1148.0	8135.7
γ 60.0	11980.0	3828.4	696.2	690.8	642.2	2664.1	15844.9	5445.2	881.8	915.8	1032.3	7666.1
γ 61.0	11184.4	3437.5	681.3	674.5	628.2	2377.8	15807.1	5029.6	821.9	895.3	944.4	7202.3
γ 62.0	10334.0	3057.8	668.4	661.9	615.8	2114.1	15729.3	4607.8	778.7	866.2	872.6	6720.7
γ 63.0	9544.2	2692.7	653.7	652.6	603.1	1877.0	15561.1	4202.5	748.3	835.1	819.3	6238.2
γ 64.0	8839.0	2342.9	633.2	639.2	586.1	1648.2	15289.2	3823.0	725.2	805.2	780.2	5772.6
γ 65.0	8057.5	2031.3	609.9	623.5	565.9	1430.3	14859.2	3449.6	703.0	776.6	746.7	5295.4
γ 66.0	7128.9	1737.1	584.1	606.9	542.0	1211.4	14206.7	3105.4	679.9	752.6	719.7	4837.7
γ 67.0	5951.2	1427.1	556.7	589.8	517.3	968.7	13348.9	2774.3	656.0	731.2	696.6	4361.1
γ 68.0	4632.5	1105.6	527.9	570.4	493.1	747.7	12431.6	2467.1	636.9	712.4	673.0	3883.7
γ 69.0	3436.1	795.7	501.2	550.9	467.2	567.2	11473.5	2189.1	622.5	701.3	653.8	3428.9
γ 70.0	2503.0	568.6	474.4	527.0	442.0	440.6	10595.7	1921.3	611.2	689.4	635.6	2993.3
γ 71.0	1923.5	434.1	449.0	502.9	416.4	364.0	9711.7	1657.5	600.3	674.9	616.8	2581.2
γ 72.0	1547.1	357.9	424.8	474.9	391.7	311.5	8717.1	1358.5	589.5	660.0	597.0	2190.8
γ 73.0	1257.6	308.8	400.0	446.6	367.4	271.6	7455.0	1028.4	580.8	643.3	575.2	1737.8
γ 74.0	1032.7	272.0	372.8	415.1	341.3	237.4	5938.4	762.7	572.7	625.8	554.2	1283.5
γ 75.0	851.0	238.5	345.2	376.4	316.1	205.3	4546.0	566.2	557.0	605.0	534.5	881.3
γ 76.0	715.5	209.2	317.5	329.3	291.4	178.9	3512.2	438.9	531.0	583.6	511.2	611.5
γ 77.0	617.5	183.9	290.3	296.6	267.7	156.5	2759.6	369.2	498.7	561.5	482.6	458.4
γ 78.0	520.7	160.5	265.1	277.6	245.5	136.4	2255.0	320.8	459.7	535.5	450.0	368.2
γ 79.0	420.7	140.0	240.1	276.2	222.7	119.1	1869.3	281.5	418.0	505.8	416.1	307.0
γ 80.0	332.9	120.8	215.4	270.1	198.1	102.4	1548.4	245.4	377.4	481.9	379.9	263.0
γ 81.0	266.1	102.7	187.5	242.1	168.4	84.6	1302.5	211.1	337.5	464.7	339.5	226.5
γ 82.0	218.3	83.1	151.7	198.0	134.3	66.9	1088.9	181.7	304.8	438.7	302.8	193.1
γ 83.0	179.7	65.5	117.6	129.4	101.2	51.7	860.9	155.4	275.4	410.0	271.8	162.8
γ 84.0	157.3	53.3	85.7	83.1	70.9	41.2	631.3	133.5	246.6	373.8	243.6	139.9
γ 85.0	126.3	44.0	61.8	51.7	48.6	33.8	417.6	115.0	219.5	316.6	218.4	120.8
γ 86.0	74.7	35.2	43.2	26.7	31.1	27.6	285.5	95.8	191.0	250.7	191.0	103.5
γ 87.0	45.1	27.5	24.5	15.2	19.0	23.2	213.2	75.0	156.7	190.8	158.5	85.8
γ 88.0	37.3	21.6	18.3	14.0	17.8	24.2	167.7	57.5	121.9	139.1	124.0	68.2
γ 89.0	37.1	21.9	17.7	14.2	17.5	25.1	129.5	44.7	87.6	100.5	91.1	53.1
γ 90.0	37.7	22.4	17.3	14.6	17.8	26.6	86.8	35.7	58.9	61.2	65.8	42.6
γ 91.0	38.8	23.3	17.5	14.4	17.7	28.0	41.7	30.0	36.8	34.1	45.8	36.2
γ 92.0	40.0	24.2	17.8	14.4	17.9	30.2	27.4	25.3	22.6	19.9	30.2	30.8
γ 93.0	41.3	25.3	17.7	14.6	18.5	32.2	25.9	23.7	14.8	17.1	18.3	26.4

IES Indoor Report

Photometric Filename:200W-1.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 94.0	42.6	26.4	17.9	14.9	19.1	34.3	26.5	23.9	13.5	16.7	12.2	23.7
γ 95.0	43.9	27.2	18.1	15.2	19.6	36.2	27.8	24.3	13.5	16.2	12.8	23.9
γ 96.0	45.1	28.5	18.5	15.3	20.3	38.0	29.0	25.2	14.0	15.7	12.9	24.5
γ 97.0	46.6	29.8	18.7	15.7	21.1	40.1	30.1	25.8	13.9	15.6	13.2	25.0
γ 98.0	47.7	30.7	19.1	15.7	21.9	42.0	31.7	26.6	14.4	15.8	13.5	25.8
γ 99.0	49.0	32.0	19.2	16.3	22.6	44.0	33.0	27.5	14.9	15.6	13.9	26.7
γ 100.0	50.8	33.4	20.0	16.5	23.6	45.8	34.5	28.6	15.2	15.6	14.1	27.6
γ 101.0	52.1	34.3	20.4	16.8	25.0	47.4	36.0	29.6	15.6	15.8	14.1	28.4
γ 102.0	53.5	35.8	21.3	17.4	25.7	49.3	37.3	30.5	16.1	15.9	15.0	29.6
γ 103.0	54.6	37.0	21.8	17.6	27.1	51.2	39.0	31.6	16.8	15.9	15.3	30.5
γ 104.0	56.1	38.3	22.2	18.5	28.2	53.1	40.4	32.7	17.4	16.3	15.8	31.3
γ 105.0	56.9	39.4	22.9	19.0	29.8	54.9	41.7	34.1	18.2	16.3	16.5	31.9
γ 106.0	58.2	40.8	24.0	19.6	31.3	56.5	43.1	35.1	18.8	16.6	17.2	32.9
γ 107.0	59.5	42.0	24.9	20.2	32.5	58.2	44.8	36.3	19.5	17.0	17.7	34.0
γ 108.0	60.7	43.5	26.0	21.0	34.1	59.4	46.2	37.4	20.5	17.3	18.5	35.0
γ 109.0	61.4	44.1	26.4	21.7	35.9	61.1	47.6	38.6	21.3	17.9	19.3	36.0
γ 110.0	62.4	45.7	27.4	22.8	37.6	62.7	48.8	39.6	22.3	18.1	19.7	36.9
γ 111.0	63.4	47.0	28.9	23.5	39.1	64.1	50.3	41.1	23.4	18.6	20.5	38.0
γ 112.0	64.3	48.6	29.9	24.9	41.1	65.3	51.6	42.0	24.2	19.1	21.5	38.6
γ 113.0	65.2	49.9	31.1	26.1	42.6	66.6	53.0	43.2	25.1	19.8	22.5	40.0
γ 114.0	65.7	51.2	32.1	27.5	44.0	67.9	54.1	44.2	26.2	20.4	23.5	40.8
γ 115.0	66.6	52.5	33.4	28.9	45.8	69.1	55.1	45.3	27.2	20.9	24.6	41.8
γ 116.0	67.6	54.1	34.8	30.4	47.7	70.2	56.4	46.3	28.4	21.6	25.6	42.7
γ 117.0	67.9	55.4	35.8	31.9	48.9	71.3	57.4	47.4	29.5	22.3	26.5	43.5
γ 118.0	68.9	56.6	37.4	33.4	50.6	72.5	58.4	48.3	30.5	23.2	27.3	44.4
γ 119.0	69.4	57.9	39.1	35.0	52.4	73.0	59.3	49.4	31.7	24.1	28.4	45.5
γ 120.0	70.1	59.0	40.6	36.7	54.2	74.1	60.4	50.3	32.7	25.0	29.6	46.3
γ 121.0	70.8	60.6	42.0	38.4	55.6	74.7	61.1	51.2	33.9	25.8	30.8	47.0
γ 122.0	71.3	61.8	43.8	40.3	57.5	75.6	61.8	52.4	35.3	27.0	31.8	47.8
γ 123.0	72.0	63.2	45.3	42.0	58.9	76.4	62.6	53.4	36.7	27.9	33.0	48.7
γ 124.0	72.5	64.4	47.0	43.4	60.5	76.8	63.2	54.2	37.7	29.2	34.3	49.7
γ 125.0	72.9	65.8	48.4	44.8	61.8	77.6	64.0	54.7	38.7	30.3	35.5	50.1
γ 126.0	73.6	67.0	50.3	47.0	63.4	78.2	64.6	55.4	39.9	31.3	36.5	51.2
γ 127.0	74.0	68.4	51.8	48.6	64.5	78.6	65.3	56.4	41.1	32.4	37.9	52.0
γ 128.0	75.1	69.5	53.6	50.6	65.9	78.8	65.8	57.1	42.2	33.3	38.9	52.9
γ 129.0	75.3	70.9	55.0	52.1	67.1	79.6	66.3	57.6	43.4	34.5	39.8	53.9
γ 130.0	76.0	71.8	56.6	53.9	68.4	79.7	66.7	58.4	44.5	36.0	41.0	54.6
γ 131.0	76.6	73.1	57.9	55.4	69.4	79.9	67.6	59.8	45.6	37.0	42.1	55.4
γ 132.0	77.6	74.0	59.3	57.2	70.5	80.3	68.7	61.2	47.0	38.3	43.2	56.7
γ 133.0	78.2	74.9	60.6	58.9	71.6	80.7	69.7	63.1	48.5	39.3	44.2	57.5
γ 134.0	78.8	76.0	62.2	60.5	72.2	80.8	70.9	65.1	49.9	40.8	45.6	58.3
γ 135.0	79.9	77.1	63.5	61.9	72.6	80.9	72.1	67.3	51.4	42.0	46.5	59.1
γ 136.0	80.4	78.0	64.9	63.3	72.9	81.6	73.1	68.8	52.9	42.9	47.7	60.1
γ 137.0	81.4	78.9	66.1	65.2	73.3	81.8	74.1	70.1	54.3	44.1	48.4	60.7
γ 138.0	82.6	79.8	67.6	66.2	74.0	82.2	75.1	71.2	55.6	45.3	48.9	61.7
γ 139.0	83.7	80.6	68.7	67.8	74.4	82.7	75.7	72.0	56.8	46.3	50.2	62.2
γ 140.0	84.6	81.4	70.2	69.1	74.8	83.0	76.7	73.1	58.1	47.2	51.1	63.1

IES Indoor Report

Photometric Filename:200W-1.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 141.0	85.6	82.1	71.2	70.2	75.6	83.3	77.9	74.3	59.2	48.2	52.4	63.8
γ 142.0	86.4	83.0	72.4	71.2	75.8	83.7	78.6	75.4	60.4	49.1	53.3	64.5
γ 143.0	87.5	83.7	73.2	72.5	76.0	84.4	79.8	76.0	61.4	49.9	54.0	65.3
γ 144.0	88.4	84.3	74.4	73.3	76.3	84.7	80.7	77.1	62.5	50.8	55.1	65.9
γ 145.0	89.1	85.0	75.5	74.4	76.7	85.3	82.0	77.9	63.4	52.2	55.6	66.7
γ 146.0	89.8	85.3	76.5	75.2	77.2	85.6	82.8	78.7	64.4	53.1	56.5	67.2
γ 147.0	90.7	86.3	77.4	76.1	77.6	85.9	83.9	79.6	65.1	54.0	57.4	67.7
γ 148.0	91.6	87.0	78.1	76.9	77.7	86.3	84.9	80.3	66.7	55.1	57.9	68.2
γ 149.0	92.1	87.4	78.9	77.8	78.6	86.7	85.9	81.2	67.8	56.3	59.0	69.0
γ 150.0	92.9	87.9	79.8	78.6	79.0	87.4	86.9	82.2	68.3	57.4	59.7	69.9
γ 151.0	93.9	88.7	80.4	79.6	79.9	88.2	88.0	83.1	70.1	58.4	60.6	70.6
γ 152.0	94.3	89.1	81.4	80.1	80.7	88.6	89.1	83.9	71.2	59.3	61.8	71.3
γ 153.0	94.8	89.6	82.3	80.7	81.6	89.0	89.9	84.8	72.1	60.6	62.4	72.0
γ 154.0	95.3	90.3	83.1	81.5	82.2	89.5	90.7	85.7	73.3	61.8	62.9	72.7
γ 155.0	96.0	91.2	84.2	82.4	83.3	90.2	91.6	86.5	74.7	63.0	63.9	73.3
γ 156.0	96.5	91.9	85.1	84.1	84.4	90.9	92.5	87.4	75.8	63.8	64.9	74.1
γ 157.0	96.9	92.4	86.2	85.0	85.5	91.5	93.4	88.1	76.7	65.2	65.8	74.6
γ 158.0	97.0	93.4	86.9	86.0	86.5	92.1	94.0	89.0	78.1	66.5	67.1	75.4
γ 159.0	98.1	94.2	88.2	87.3	87.6	92.6	94.8	89.7	79.3	68.0	68.3	76.3
γ 160.0	98.5	94.9	89.2	88.1	88.6	92.9	96.4	91.8	80.9	69.6	69.7	77.5
γ 161.0	98.8	95.7	90.0	89.2	89.4	93.4	98.2	93.5	83.1	71.5	71.2	78.9
γ 162.0	99.3	96.5	91.4	90.1	90.5	94.0	100.1	95.8	85.1	73.8	73.1	80.2
γ 163.0	99.8	97.5	92.3	91.6	91.3	94.3	102.3	97.6	87.5	75.7	75.1	81.7
γ 164.0	100.2	98.4	93.3	92.7	91.9	94.8	104.1	99.8	89.7	78.0	77.3	83.5
γ 165.0	100.4	99.0	94.5	93.7	93.0	95.2	105.2	100.8	91.8	79.8	79.0	84.4
γ 166.0	101.0	99.4	95.5	94.9	93.9	95.6	105.7	101.2	93.2	81.6	80.3	85.5
γ 167.0	101.2	99.9	96.3	95.9	94.4	95.8	105.8	102.1	94.5	83.2	81.6	86.3
γ 168.0	101.6	100.4	97.4	96.9	95.3	96.1	106.2	102.5	95.7	85.1	83.2	87.3
γ 169.0	101.9	101.2	98.3	97.8	95.8	95.8	106.3	103.1	97.1	86.8	84.7	87.9
γ 170.0	102.3	101.7	99.1	98.6	96.2	96.4	106.6	103.3	98.2	88.6	86.4	88.9
γ 171.0	102.7	102.4	99.5	99.1	96.8	96.4	106.7	103.6	98.7	90.2	87.1	89.7
γ 172.0	102.9	103.2	100.2	100.3	97.1	96.6	106.5	104.0	100.0	91.8	88.6	89.9
γ 173.0	103.5	103.4	100.8	100.7	97.5	96.9	106.9	104.0	100.6	93.0	90.3	90.7
γ 174.0	103.7	103.9	101.5	101.0	97.7	96.5	106.7	103.9	101.5	94.3	91.4	91.0
γ 175.0	104.0	104.4	102.0	101.2	97.6	96.2	106.6	104.1	102.0	95.5	92.3	92.0
γ 176.0	104.1	104.9	102.5	101.5	97.7	96.0	106.8	104.0	102.5	96.7	93.6	93.0
γ 177.0	104.2	104.5	102.6	101.6	97.6	95.8	106.9	104.0	103.2	97.6	94.4	93.6
γ 178.0	104.3	105.5	102.8	101.5	97.3	95.4	106.7	104.1	103.2	98.3	95.4	93.9
γ 179.0	104.7	105.6	103.0	101.5	96.8	95.0	106.5	103.7	103.9	98.9	96.3	94.4
γ 180.0	104.7	106.1	102.9	100.8	96.4	94.4	107.0	103.6	103.8	99.6	96.7	94.4
