

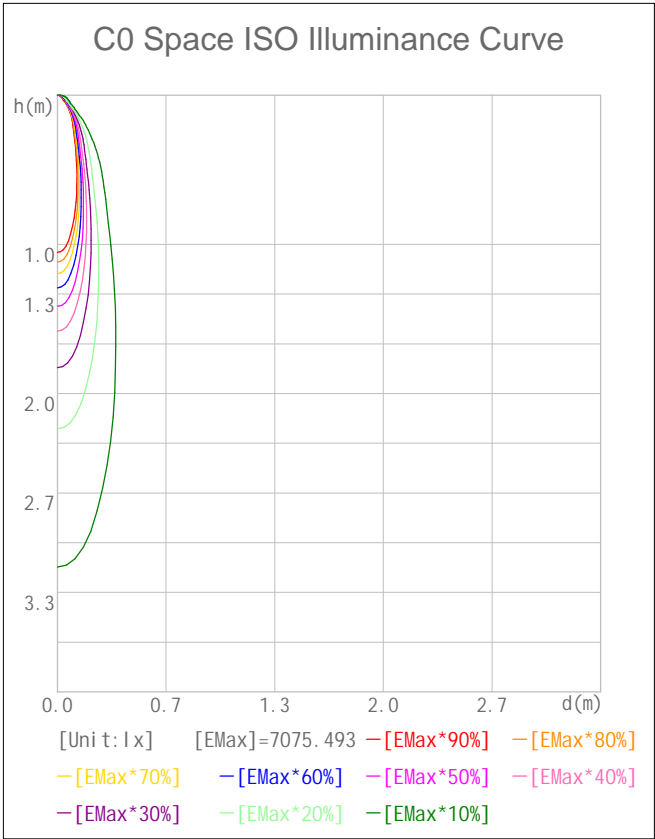
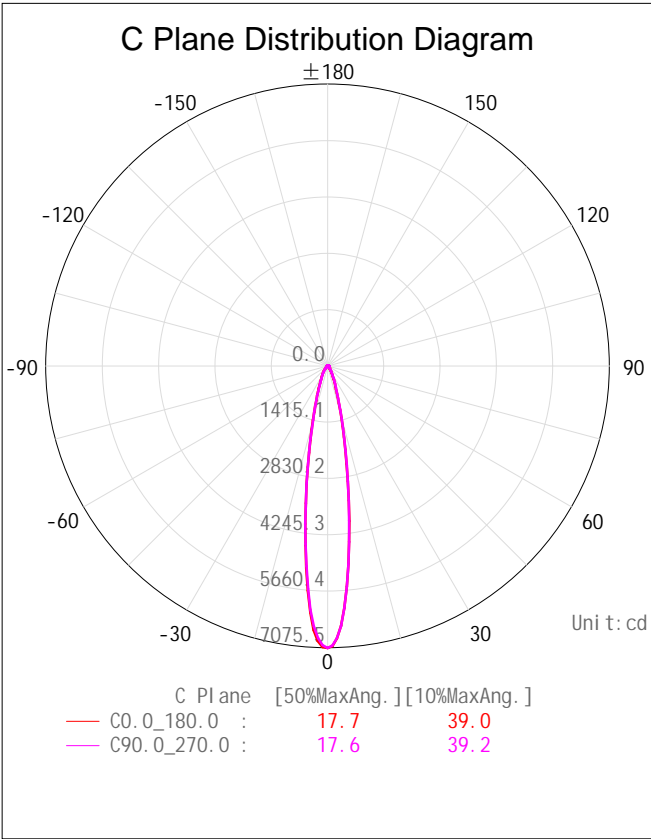
Indoor Luminaire Photometric Data

Description Information

Luminary Name: AT10021		Lum. Catalog:	Test ID:
Lamp Name: 1202		Lamp Catalog: C0B	Test Date: 2017/05/22
Manufacture:		Shld. Ang(°): 15	Test Machine: GON-2000
Test Lab:		Frequency(Hz): 50	Lamp CCT(K): 3000 Ra: 90
Lum. Size(W*L*H): 0.200m*0.200m*0.000m		Lum. Area(m2): 0.031	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=60.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

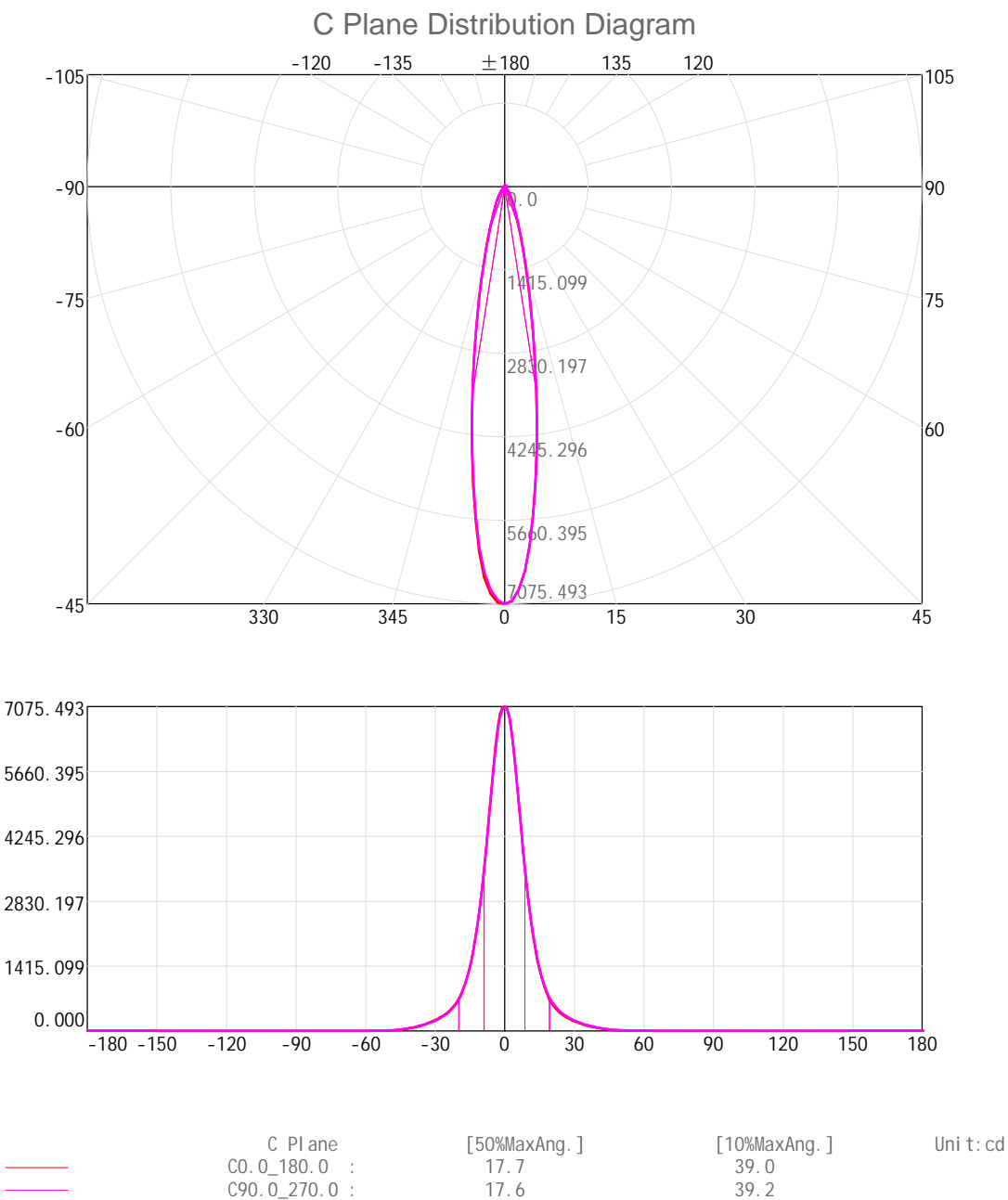
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm):	1450.000	Luminary Flux(lm):	1231.591
Rated Power(W):	15	Luminary Efficiency:	84.94%
Rated Voltage(V):	220	Luminary EER(lm/W):	82.106
Tested Power(W):	15.000	Max. Candela(cd):	7075.493
Lamps' Inside:	1	Max Cand@Ang. (°):	C=0.0 γ=0.0
Tested Electrics(V, A, pf):	219.9, 0.067, 0.934	Beam Angle(50%Imax):	17.7(°)
Lamp Size(W*L*H): 0.200m*0.200m*0.000m		Left=-8.9°, Right=8.8°	
		Field Angle(10%Imax):	39.0(°)
		Down Lumens&Percent:	1179.771lm 95.79%
		Up Lumens&Percent:	51.820lm 4.21%
		S/MH:	C0_a180=0.302 C90_270=0.302
		CIE Type:	Semi-Direct
		ErP Φuse(90°):	1137.996lm
		IRF(%):	1269.053



2D Plane Light Intensity Distribution Curve

Lum. Name: AT10021	Lum. Catalog:	Test ID:
Lamp Name: 1202	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/22



3D Light Intensity Distribution Modal

Lum. Name: AT10021	Lum. Catel og:	Test ID:
Lamp Name: 1202	Lamp Catel og: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/22

3D Light Intensity Distribution Modal



Curves:

3D Model

Fixture

Vert. HUD

Hori. HUD

View Angles:

Orient:0

Tilt:0

Roll:0

Spin:0

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	6.74	6.74	0.47	0.47	44.0-45.0	3.03	1132.88	0.21	78.13
1.0-2.0	19.91	26.65	1.37	1.84	45.0-46.0	2.58	1135.46	0.18	78.31
2.0-3.0	32.05	58.70	2.21	4.05	46.0-47.0	2.27	1137.73	0.16	78.46
3.0-4.0	42.45	101.15	2.93	6.98	47.0-48.0	2.03	1139.77	0.14	78.60
4.0-5.0	50.42	151.57	3.48	10.45	48.0-49.0	1.84	1141.61	0.13	78.73
5.0-6.0	55.86	207.43	3.85	14.31	49.0-50.0	1.69	1143.30	0.12	78.85
6.0-7.0	59.09	266.52	4.08	18.38	50.0-51.0	1.59	1144.89	0.11	78.96
7.0-8.0	60.41	326.93	4.17	22.55	51.0-52.0	1.49	1146.38	0.10	79.06
8.0-9.0	60.02	386.95	4.14	26.69	52.0-53.0	1.37	1147.75	0.09	79.15
9.0-10.0	58.15	445.10	4.01	30.70	53.0-54.0	1.23	1148.98	0.09	79.24
10.0-11.0	55.27	500.37	3.81	34.51	54.0-55.0	1.13	1150.10	0.08	79.32
11.0-12.0	51.91	552.28	3.58	38.09	55.0-56.0	1.06	1151.16	0.07	79.39
12.0-13.0	48.36	600.64	3.34	41.42	56.0-57.0	1.01	1152.18	0.07	79.46
13.0-14.0	44.74	645.38	3.09	44.51	57.0-58.0	0.99	1153.17	0.07	79.53
14.0-15.0	41.13	686.51	2.84	47.35	58.0-59.0	0.98	1154.15	0.07	79.60
15.0-16.0	37.62	724.13	2.59	49.94	59.0-60.0	0.96	1155.11	0.07	79.66
16.0-17.0	34.30	758.43	2.37	52.31	60.0-61.0	0.94	1156.05	0.06	79.73
17.0-18.0	31.24	789.67	2.15	54.46	61.0-62.0	0.91	1156.96	0.06	79.79
18.0-19.0	28.52	818.19	1.97	56.43	62.0-63.0	0.89	1157.84	0.06	79.85
19.0-20.0	26.16	844.36	1.80	58.23	63.0-64.0	0.86	1158.70	0.06	79.91
20.0-21.0	24.12	868.48	1.66	59.90	64.0-65.0	0.83	1159.53	0.06	79.97
21.0-22.0	22.34	890.82	1.54	61.44	65.0-66.0	0.81	1160.34	0.06	80.02
22.0-23.0	20.79	911.61	1.43	62.87	66.0-67.0	0.81	1161.15	0.06	80.08
23.0-24.0	19.40	931.01	1.34	64.21	67.0-68.0	0.81	1161.96	0.06	80.14
24.0-25.0	18.16	949.17	1.25	65.46	68.0-69.0	0.80	1162.76	0.05	80.19
25.0-26.0	17.03	966.20	1.17	66.63	69.0-70.0	0.80	1163.55	0.05	80.25
26.0-27.0	16.00	982.20	1.10	67.74	70.0-71.0	0.80	1164.35	0.06	80.30
27.0-28.0	15.02	997.22	1.04	68.77	71.0-72.0	0.80	1165.15	0.05	80.36
28.0-29.0	14.09	1011.31	0.97	69.75	72.0-73.0	0.80	1165.95	0.06	80.41
29.0-30.0	13.18	1024.48	0.91	70.65	73.0-74.0	0.81	1166.76	0.06	80.47
30.0-31.0	12.30	1036.78	0.85	71.50	74.0-75.0	0.81	1167.56	0.06	80.52
31.0-32.0	11.45	1048.24	0.79	72.29	75.0-76.0	0.81	1168.37	0.06	80.58
32.0-33.0	10.63	1058.87	0.73	73.03	76.0-77.0	0.81	1169.18	0.06	80.63
33.0-34.0	9.84	1068.71	0.68	73.70	77.0-78.0	0.81	1169.99	0.06	80.69
34.0-35.0	9.05	1077.76	0.62	74.33	78.0-79.0	0.81	1170.79	0.06	80.74
35.0-36.0	8.30	1086.06	0.57	74.90	79.0-80.0	0.81	1171.60	0.06	80.80
36.0-37.0	7.57	1093.63	0.52	75.42	80.0-81.0	0.81	1172.41	0.06	80.86
37.0-38.0	6.86	1100.49	0.47	75.90	81.0-82.0	0.81	1173.23	0.06	80.91
38.0-39.0	6.19	1106.68	0.43	76.32	82.0-83.0	0.82	1174.04	0.06	80.97
39.0-40.0	5.61	1112.29	0.39	76.71	83.0-84.0	0.81	1174.85	0.06	81.02
40.0-41.0	5.11	1117.40	0.35	77.06	84.0-85.0	0.81	1175.66	0.06	81.08
41.0-42.0	4.66	1122.06	0.32	77.38	85.0-86.0	0.81	1176.47	0.06	81.14
42.0-43.0	4.18	1126.24	0.29	77.67	86.0-87.0	0.81	1177.29	0.06	81.19
43.0-44.0	3.61	1129.85	0.25	77.92	87.0-88.0	0.83	1178.11	0.06	81.25

Zonal Flux Tabulation - (Cont.)

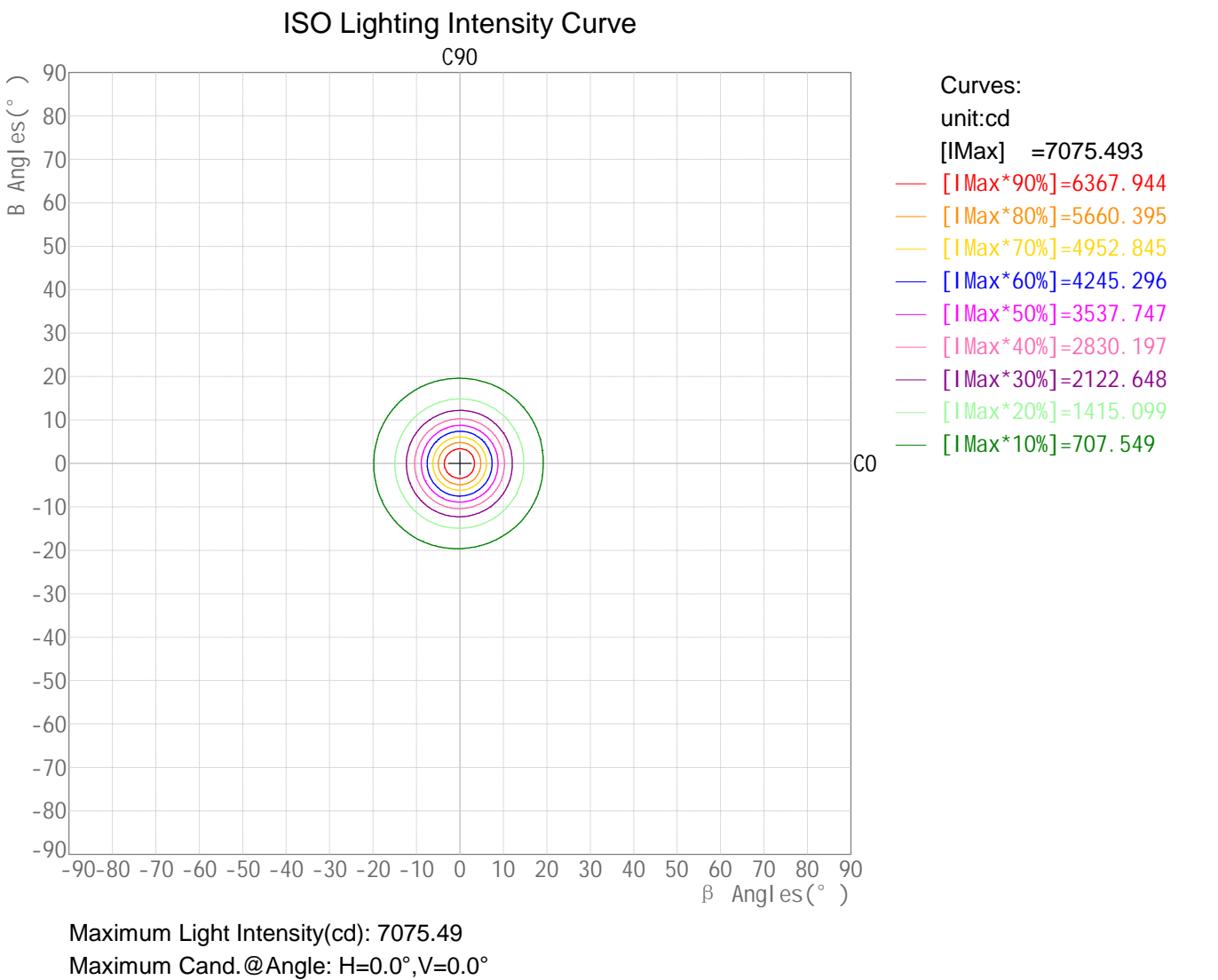
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
88.0-89.0	0.83	1178.94	0.06	81.31	132.0-133.0	0.62	1211.81	0.04	83.57
89.0-90.0	0.83	1179.77	0.06	81.36	133.0-134.0	0.62	1212.42	0.04	83.62
90.0-91.0	0.82	1180.59	0.06	81.42	134.0-135.0	0.61	1213.03	0.04	83.66
91.0-92.0	0.82	1181.41	0.06	81.48	135.0-136.0	0.60	1213.64	0.04	83.70
92.0-93.0	0.82	1182.23	0.06	81.53	136.0-137.0	0.59	1214.23	0.04	83.74
93.0-94.0	0.82	1183.05	0.06	81.59	137.0-138.0	0.58	1214.81	0.04	83.78
94.0-95.0	0.82	1183.87	0.06	81.65	138.0-139.0	0.58	1215.39	0.04	83.82
95.0-96.0	0.82	1184.70	0.06	81.70	139.0-140.0	0.57	1215.97	0.04	83.86
96.0-97.0	0.82	1185.52	0.06	81.76	140.0-141.0	0.56	1216.53	0.04	83.90
97.0-98.0	0.81	1186.33	0.06	81.82	141.0-142.0	0.56	1217.09	0.04	83.94
98.0-99.0	0.80	1187.13	0.06	81.87	142.0-143.0	0.56	1217.65	0.04	83.98
99.0-100.0	0.80	1187.93	0.06	81.93	143.0-144.0	0.56	1218.21	0.04	84.01
100.0-101.0	0.80	1188.73	0.06	81.98	144.0-145.0	0.55	1218.76	0.04	84.05
101.0-102.0	0.80	1189.53	0.06	82.04	145.0-146.0	0.55	1219.31	0.04	84.09
102.0-103.0	0.79	1190.32	0.05	82.09	146.0-147.0	0.54	1219.85	0.04	84.13
103.0-104.0	0.79	1191.11	0.05	82.15	147.0-148.0	0.54	1220.39	0.04	84.16
104.0-105.0	0.79	1191.90	0.05	82.20	148.0-149.0	0.54	1220.93	0.04	84.20
105.0-106.0	0.79	1192.69	0.05	82.25	149.0-150.0	0.54	1221.47	0.04	84.24
106.0-107.0	0.78	1193.48	0.05	82.31	150.0-151.0	0.54	1222.01	0.04	84.28
107.0-108.0	0.78	1194.25	0.05	82.36	151.0-152.0	0.54	1222.54	0.04	84.31
108.0-109.0	0.77	1195.03	0.05	82.42	152.0-153.0	0.53	1223.07	0.04	84.35
109.0-110.0	0.77	1195.80	0.05	82.47	153.0-154.0	0.53	1223.60	0.04	84.39
110.0-111.0	0.77	1196.57	0.05	82.52	154.0-155.0	0.52	1224.12	0.04	84.42
111.0-112.0	0.76	1197.32	0.05	82.57	155.0-156.0	0.52	1224.64	0.04	84.46
112.0-113.0	0.75	1198.07	0.05	82.63	156.0-157.0	0.51	1225.15	0.04	84.49
113.0-114.0	0.75	1198.82	0.05	82.68	157.0-158.0	0.50	1225.65	0.03	84.53
114.0-115.0	0.75	1199.57	0.05	82.73	158.0-159.0	0.49	1226.14	0.03	84.56
115.0-116.0	0.74	1200.30	0.05	82.78	159.0-160.0	0.48	1226.62	0.03	84.59
116.0-117.0	0.73	1201.03	0.05	82.83	160.0-161.0	0.46	1227.08	0.03	84.63
117.0-118.0	0.73	1201.76	0.05	82.88	161.0-162.0	0.45	1227.53	0.03	84.66
118.0-119.0	0.72	1202.48	0.05	82.93	162.0-163.0	0.43	1227.96	0.03	84.69
119.0-120.0	0.71	1203.19	0.05	82.98	163.0-164.0	0.41	1228.37	0.03	84.72
120.0-121.0	0.70	1203.90	0.05	83.03	164.0-165.0	0.39	1228.76	0.03	84.74
121.0-122.0	0.70	1204.60	0.05	83.08	165.0-166.0	0.36	1229.12	0.03	84.77
122.0-123.0	0.70	1205.29	0.05	83.12	166.0-167.0	0.34	1229.46	0.02	84.79
123.0-124.0	0.69	1205.98	0.05	83.17	167.0-168.0	0.32	1229.78	0.02	84.81
124.0-125.0	0.68	1206.66	0.05	83.22	168.0-169.0	0.29	1230.07	0.02	84.83
125.0-126.0	0.67	1207.33	0.05	83.26	169.0-170.0	0.27	1230.34	0.02	84.85
126.0-127.0	0.66	1207.99	0.05	83.31	170.0-171.0	0.24	1230.58	0.02	84.87
127.0-128.0	0.65	1208.64	0.04	83.35	171.0-172.0	0.21	1230.80	0.01	84.88
128.0-129.0	0.65	1209.29	0.04	83.40	172.0-173.0	0.19	1230.99	0.01	84.90
129.0-130.0	0.64	1209.93	0.04	83.44	173.0-174.0	0.16	1231.15	0.01	84.91
130.0-131.0	0.63	1210.56	0.04	83.49	174.0-175.0	0.14	1231.29	0.01	84.92
131.0-132.0	0.63	1211.19	0.04	83.53	175.0-176.0	0.11	1231.40	0.01	84.92

Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
176.0-177.0	0.09	1231.48	0.01	84.93
177.0-178.0	0.06	1231.54	0.00	84.93
178.0-179.0	0.04	1231.58	0.00	84.94
179.0-180.0	0.01	1231.59	0.00	84.94

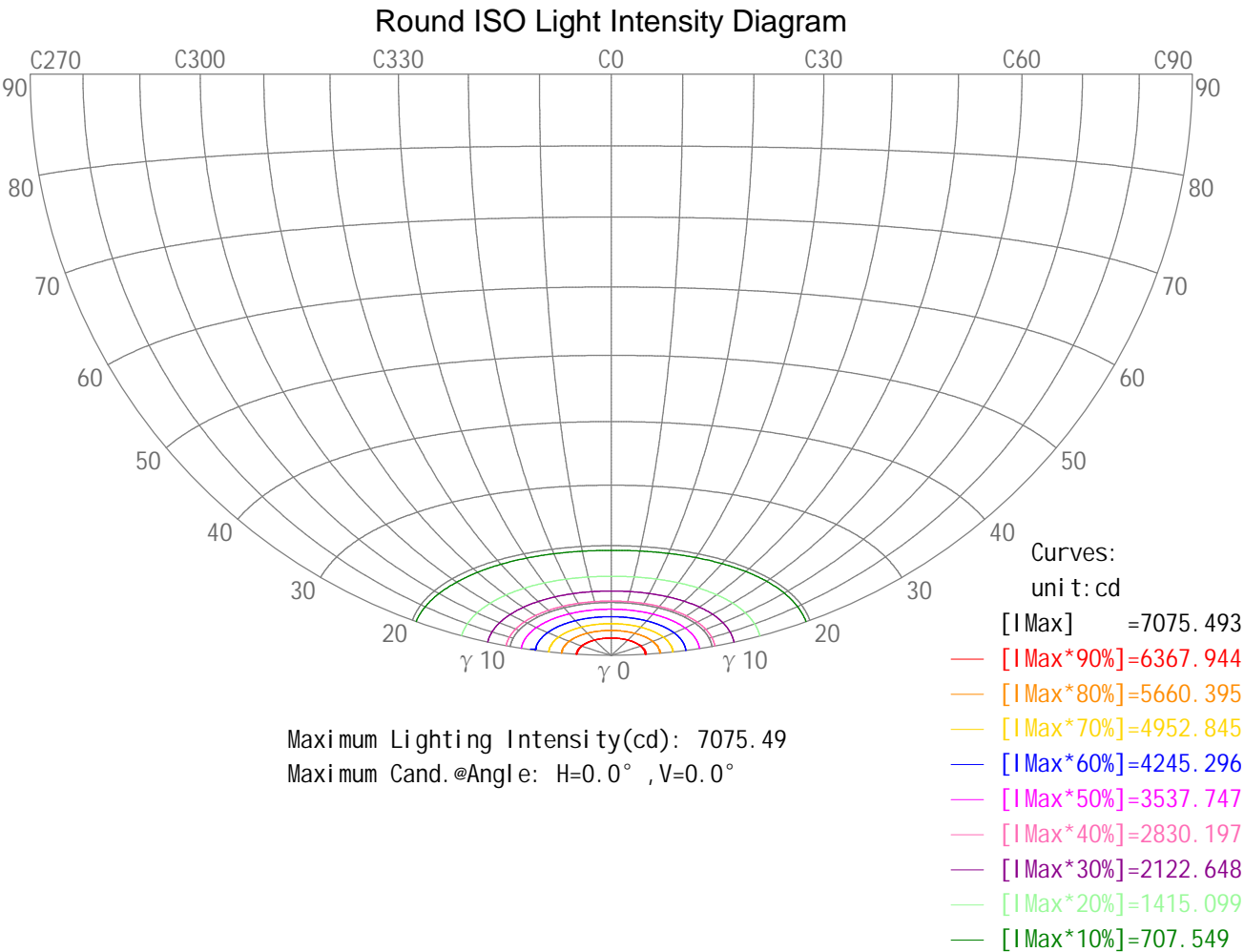
Rectangle ISO Lighting Intensity Diagram

Lum. Name: AT10021	Lum. Catalog:	Test ID:
Lamp Name: 1202	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/22



Round ISO Lighting Intensity Diagram

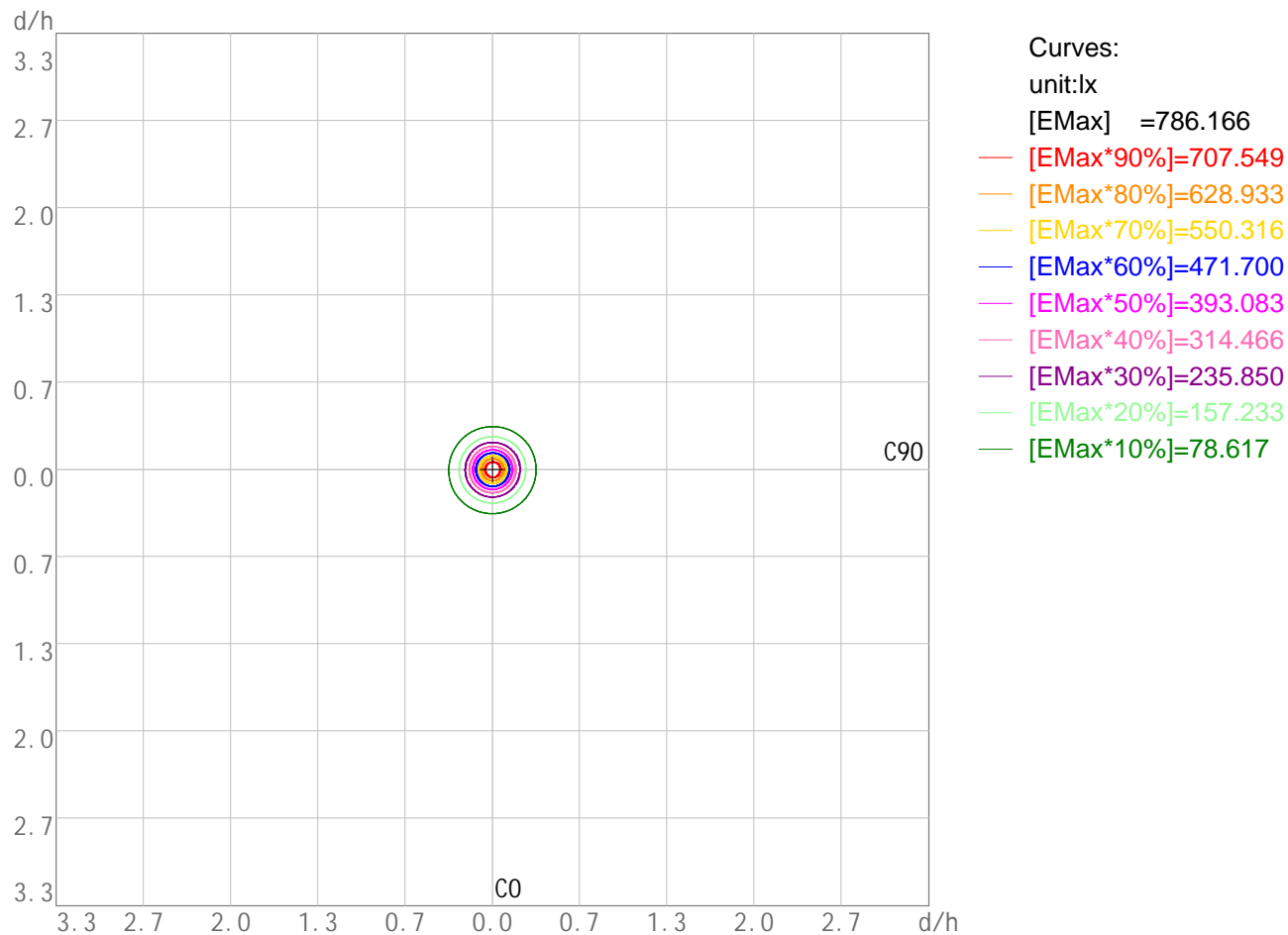
Lum. Name: AT10021	Lum. Catel og:	Test ID:
Lamp Name: 1202	Lamp Catel og: C0B	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/22



Plane ISO-Illuminance Diagram

Lum. Name: AT10021	Lum. Catalog:	Test ID:
Lamp Name: 1202	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/22

Plane ISO-Illuminance Curve



3D Plane ISO Illuminance Diagram

Lum. Name: AT10021	Lum. Catalog:	Test ID:
Lamp Name: 1202	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/22

3D Plane Illuminance Model



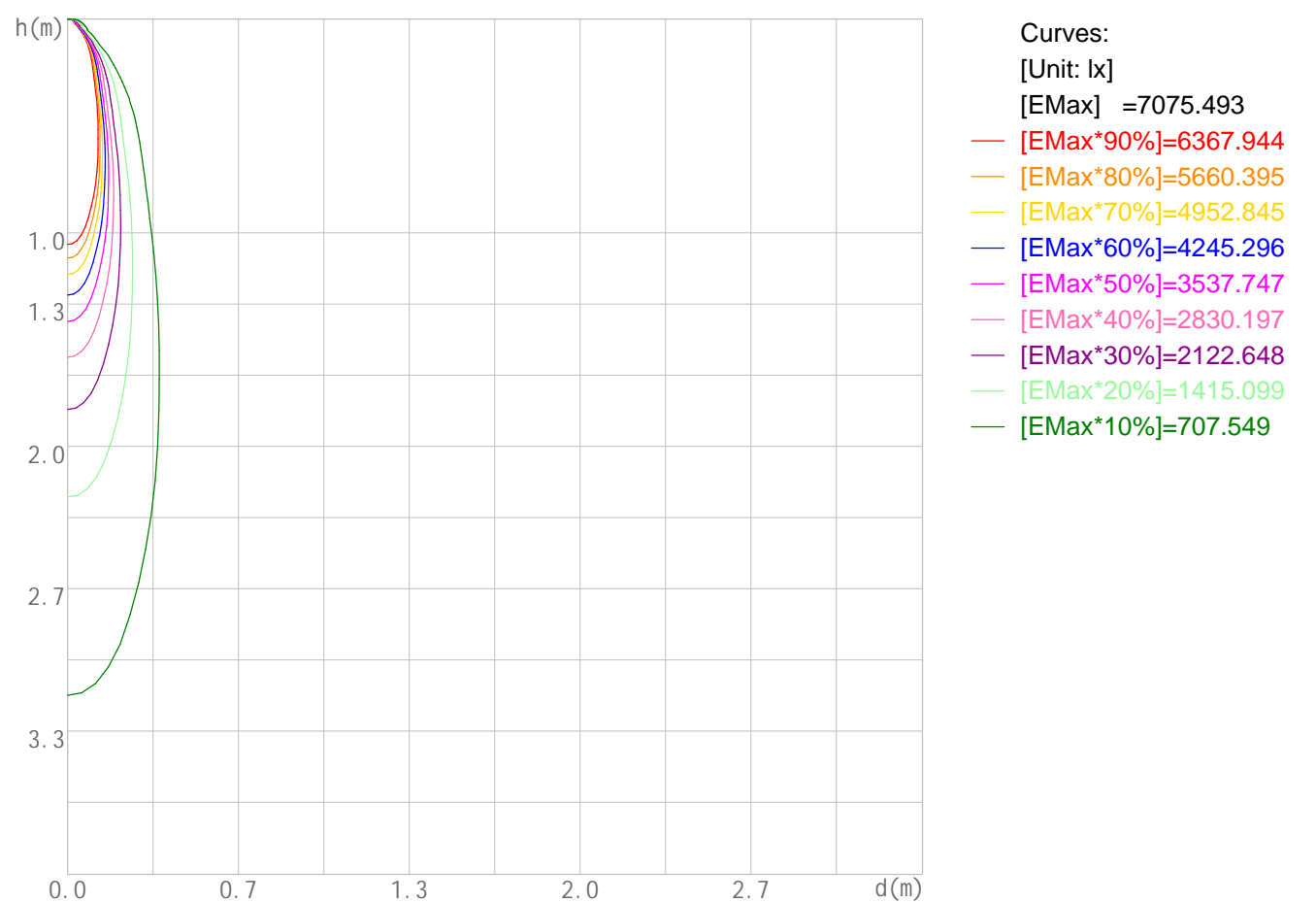
Curves: 3D Model— 90%— 80%— 70%— 60%— 50%— 40%— 30%— 20%— 10%—

View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: AT10021	Lum. Catalog:	Test ID:
Lamp Name: 1202	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/22

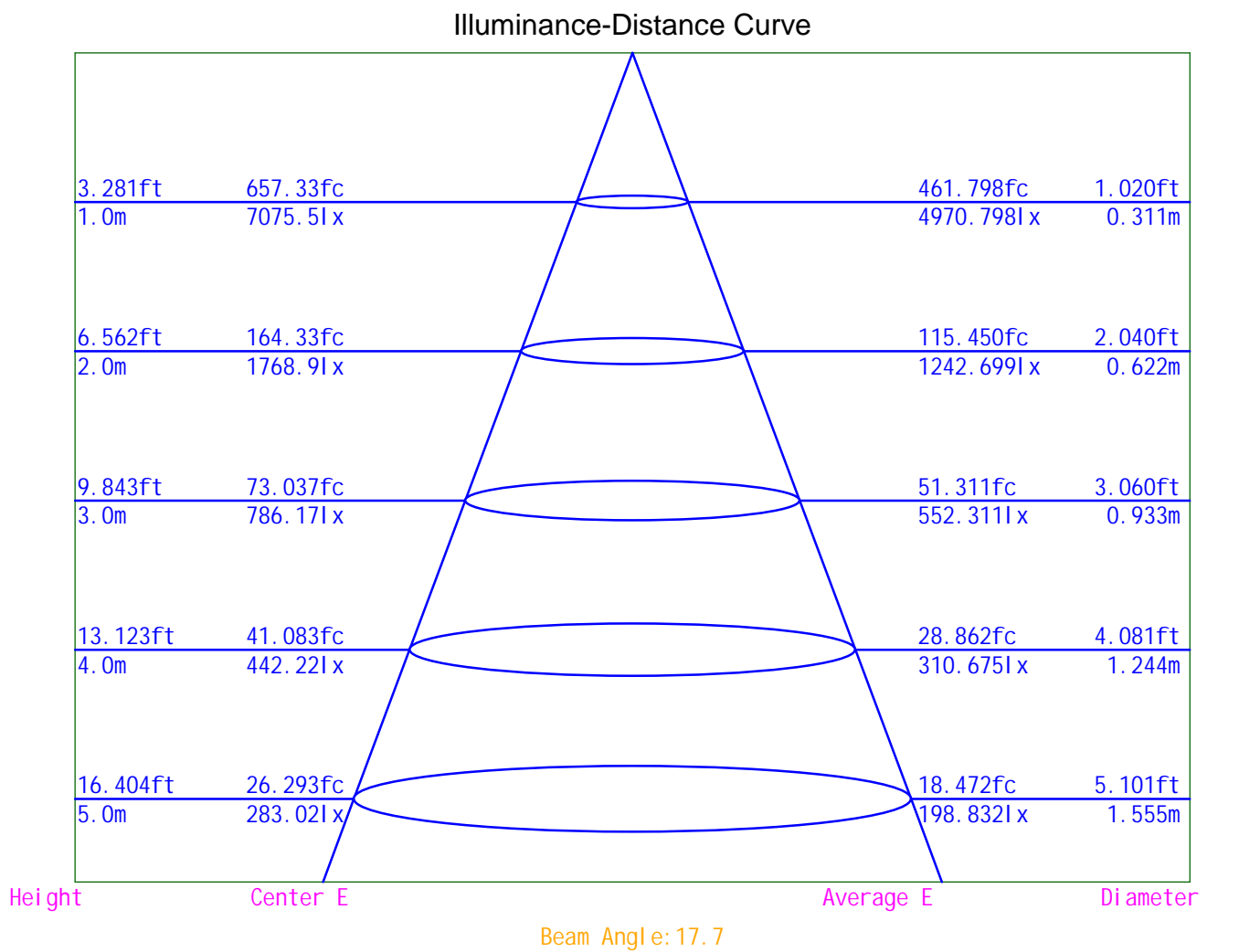
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:7075.49lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:7075.493cd,0deg

Illuminance-Distance Diagram

Lum. Name: AT10021	Lum. Catalog:	Test ID:
Lamp Name: 1202	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/22



Indoor Luminance Limiting Curves

Lum. Name: AT10021	Lum. Catalog:	Test ID:
Lamp Name: 1202	Lamp Catalog: C0B	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/22

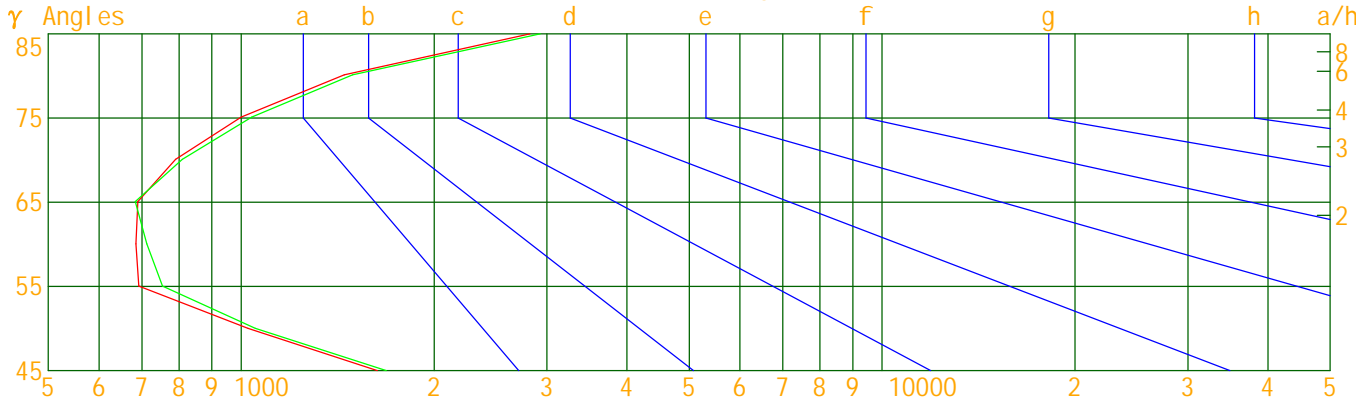
Glare Grade Table

Gl	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	1631	1024	692	685	690	790	1000	1448	2823
C90	1683	1053	754	712	684	809	1038	1492	2929

Luminance Limiting Curve



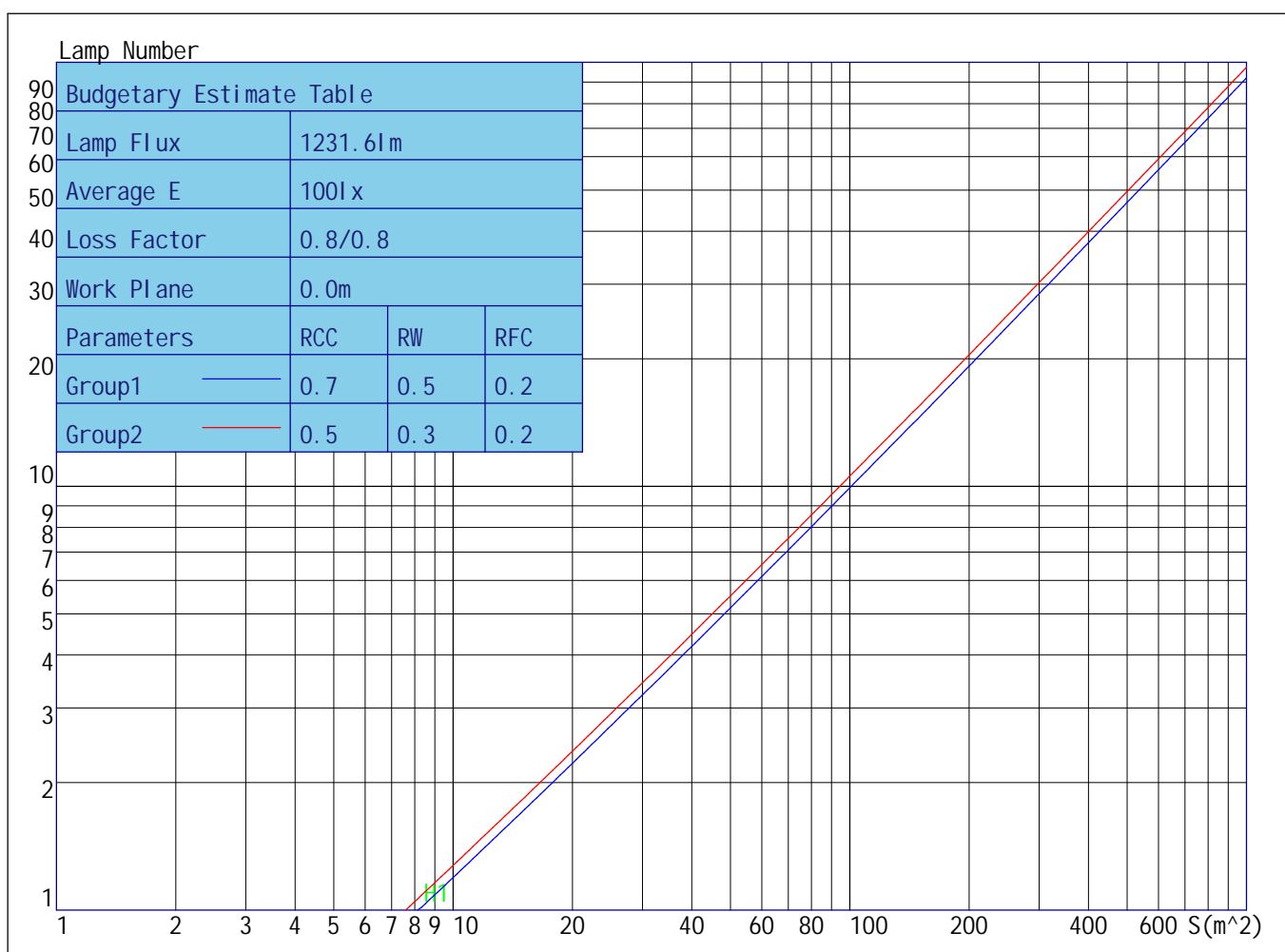
Luminous Size: Length(m)=-0.200 Width(m)=-0.200 Height(m)=0.000 Area(m^2)=0.031416
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:AT10021 15W 1202 3090 HK50-15D KG350.IES

Indoor Budgetary Estimate Table

Lum. Name: AT10021	Lum. Catalog:	Test ID:
Lamp Name: 1202	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/22



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8

Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8

Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

IES Indoor Report

Photometric Filename:AT10021 15W 1202 3090 HK50-15D KG350.IES

Indoor Coefficient of Utilization Table

Lum. Name: AT10021	Lum. Catalog:	Test ID:
Lamp Name: 1202	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/22

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	100	100	100	100	98	98	98	98	92	92	92	88	88	88	83	83	83	81
1	96	94	92	90	94	92	90	89	88	87	85	84	83	82	81	80	79	78
2	92	89	86	84	90	87	85	82	84	82	80	81	79	78	78	77	76	74
3	89	84	81	78	87	83	80	77	80	78	76	78	76	74	76	74	73	71
4	86	81	77	74	84	80	76	73	77	74	72	75	73	71	73	71	70	69
5	83	77	73	70	81	76	73	70	75	71	69	73	70	68	71	69	67	66
6	80	74	70	68	79	74	70	67	72	69	66	71	68	66	69	67	65	64
7	78	72	68	65	77	71	67	65	70	66	64	68	66	64	67	65	63	62
8	75	69	65	63	74	69	65	62	68	64	62	66	64	62	65	63	61	60
9	73	67	63	61	72	66	63	60	66	62	60	65	62	60	64	61	59	58
10	71	65	61	59	70	65	61	59	64	61	58	63	60	58	62	60	58	57

IES Indoor Report

Photometric Filename:AT10021 15W 1202 3090 HK50-15D KG350.IES

Unified Glare Rating Table

Lum. Name: AT10021	Lum. Catalog:	Test ID:
Lamp Name: 1202	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/22

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	7.7	8.3	8.2	8.7	9.2	8.2	8.8	8.7	9.2	9.7
	8.2	8.7	8.7	9.1	9.6	8.7	9.2	9.2	9.6	10.1
	8.8	9.2	9.3	9.6	10.1	9.2	9.6	9.7	10.0	10.5
	9.6	9.9	10.1	10.4	10.9	10.0	10.3	10.5	10.8	11.3
	10.2	10.5	10.8	11.0	11.5	10.6	10.9	11.1	11.3	11.9
	11.0	11.3	11.6	11.8	12.3	11.4	11.6	11.9	12.1	12.6
X=4H Y=2H	7.7	8.1	8.2	8.6	9.1	8.2	8.6	8.7	9.0	9.5
	8.5	8.7	9.0	9.2	9.7	8.9	9.2	9.4	9.7	10.2
	9.3	9.4	9.8	9.9	10.5	9.6	9.8	10.2	10.3	10.9
	10.5	10.6	11.0	11.1	11.7	10.8	10.9	11.4	11.5	12.0
	11.3	11.3	11.9	11.9	12.5	11.6	11.7	12.2	12.2	12.8
	12.3	12.3	12.9	12.9	13.5	12.6	12.6	13.2	13.2	13.8
X=8H Y=4H	9.6	9.6	10.2	10.2	10.8	9.9	10.0	10.5	10.5	11.1
	11.1	11.1	11.8	11.7	12.2	11.5	11.4	12.1	12.0	12.5
	12.2	12.1	12.9	12.7	13.3	12.5	12.4	13.2	13.0	13.6
	13.5	13.4	14.2	14.0	14.7	13.8	13.7	14.5	14.3	15.0
X=12H Y=4H	9.7	9.6	10.2	10.2	10.8	10.0	10.0	10.6	10.6	11.2
	11.3	11.2	12.0	11.8	12.5	11.7	11.6	12.3	12.1	12.8
	12.6	12.4	13.2	13.0	13.7	12.9	12.7	13.5	13.3	14.0
Variations with the objverver position at spacings										
S=1.0H	0.1/-0.1					0.0/-0.0				
S=1.5H	0.1/-0.2					0.1/-0.1				
S=2.0H	0.2/-0.3					0.2/-0.3				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	3.7					3.6				

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

IES Indoor Report

Photometric Filename:AT10021 15W 1202 3090 HK50-15D KG350.IES

Candela Tabulation

V/H	C0.0	C60.0	C120.0	C180.0	C240.0	C300.0
γ 0.0	7075.49	7075.49	7075.49	7075.49	7075.49	7075.49
γ 1.0	7029.26	7013.69	7013.83	7052.77	7018.70	6990.86
γ 2.0	6844.42	6825.71	6844.89	6904.27	6851.00	6823.15
γ 3.0	6525.92	6535.84	6528.27	6635.45	6562.19	6535.02
γ 4.0	6093.29	6111.07	6078.04	6210.85	6146.32	6120.68
γ 5.0	5556.28	5575.65	5544.80	5665.70	5620.35	5603.37
γ 6.0	4996.74	5020.65	4989.88	5103.73	5052.15	5042.74
γ 7.0	4449.73	4464.74	4440.27	4545.45	4517.73	4493.45
γ 8.0	3925.69	3927.89	3907.12	4001.16	4007.57	3967.78
γ 9.0	3421.43	3414.83	3401.43	3488.80	3509.49	3462.72
γ 10.0	2940.71	2948.50	2937.96	3011.58	3034.59	2982.70
γ 11.0	2506.63	2547.31	2530.92	2593.01	2606.83	2547.95
γ 12.0	2142.34	2197.78	2176.06	2228.03	2235.75	2177.38
γ 13.0	1834.68	1890.66	1867.99	1914.31	1919.64	1865.33
γ 14.0	1569.43	1619.87	1600.97	1641.17	1650.52	1597.85
γ 15.0	1343.79	1382.00	1370.49	1408.53	1421.41	1368.55
γ 16.0	1149.62	1179.47	1175.46	1211.19	1224.20	1170.28
γ 17.0	981.47	1010.19	1013.29	1044.71	1055.45	999.84
γ 18.0	839.78	870.71	880.04	905.42	912.12	856.25
γ 19.0	723.89	755.95	770.24	789.53	793.83	739.03
γ 20.0	631.13	661.52	678.91	691.61	697.07	644.01
γ 21.0	555.69	583.45	602.34	610.13	615.36	565.50
γ 22.0	493.26	518.53	537.98	542.51	546.38	500.05
γ 23.0	440.74	463.59	482.98	485.86	487.44	444.97
γ 24.0	395.21	416.30	434.91	437.08	436.75	398.48
γ 25.0	356.78	375.83	393.23	394.63	393.18	358.74
γ 26.0	323.19	340.05	356.53	357.92	355.68	324.08
γ 27.0	293.30	308.35	323.71	324.68	322.43	293.34
γ 28.0	266.19	279.82	294.26	295.25	293.08	265.64
γ 29.0	241.21	253.55	266.57	267.89	266.62	240.70
γ 30.0	218.76	230.19	242.30	243.03	239.57	217.70
γ 31.0	197.81	208.58	220.78	220.02	216.62	196.55
γ 32.0	178.54	188.86	200.01	198.80	195.22	177.20
γ 33.0	161.15	170.44	180.87	179.24	175.60	159.53
γ 34.0	144.72	153.47	163.15	160.93	157.53	143.32
γ 35.0	128.95	137.85	146.87	143.99	140.59	127.68
γ 36.0	114.96	123.87	131.76	128.59	125.26	113.25
γ 37.0	102.55	110.40	117.12	113.60	110.86	100.69
γ 38.0	91.11	97.59	103.65	98.73	97.02	89.12
γ 39.0	80.97	87.01	92.21	87.35	85.19	78.37
γ 40.0	71.90	78.04	82.34	77.50	75.53	69.25
γ 41.0	64.71	69.88	73.83	68.90	67.28	61.75
γ 42.0	58.12	62.67	65.27	61.38	59.92	55.25
γ 43.0	52.20	53.80	55.05	52.17	52.26	49.13

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IES Indoor Report

Photometric Filename:AT10021 15W 1202 3090 HK50-15D KG350.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C60.0	C120.0	C180.0	C240.0	C300.0
γ 44.0	43.75	44.15	45.08	41.33	43.05	42.07
γ 45.0	36.23	37.06	37.73	33.31	34.72	34.62
γ 46.0	30.89	32.24	32.64	28.36	29.25	29.03
γ 47.0	27.78	28.65	28.63	24.86	25.34	25.38
γ 48.0	24.64	25.60	25.34	21.48	21.91	22.41
γ 49.0	22.43	23.26	22.84	18.99	19.53	19.99
γ 50.0	20.68	21.60	20.90	17.28	18.01	18.22
γ 51.0	19.13	20.28	19.50	16.04	16.67	16.73
γ 52.0	17.68	18.55	17.86	15.07	15.43	15.39
γ 53.0	16.03	16.26	15.82	12.83	13.88	14.06
γ 54.0	13.59	14.71	14.38	11.54	12.23	12.48
γ 55.0	12.47	13.73	13.45	10.53	11.22	11.08
γ 56.0	11.42	12.95	12.73	9.90	10.46	10.43
γ 57.0	11.19	12.48	12.12	9.41	10.11	9.93
γ 58.0	11.11	12.31	11.64	9.26	9.91	9.53
γ 59.0	10.89	11.88	11.29	9.07	9.56	9.25
γ 60.0	10.76	11.43	10.94	8.74	9.22	9.04
γ 61.0	10.41	10.81	10.49	8.26	8.80	8.86
γ 62.0	9.92	10.65	10.14	7.56	8.53	8.58
γ 63.0	9.85	9.98	9.80	7.57	8.24	8.46
γ 64.0	9.55	9.57	9.18	7.14	7.89	8.08
γ 65.0	9.16	9.31	8.85	6.78	7.47	7.65
γ 66.0	8.93	9.26	8.84	6.58	7.26	7.49
γ 67.0	8.71	9.11	8.92	6.61	7.50	7.36
γ 68.0	8.73	8.89	8.79	6.68	7.14	7.22
γ 69.0	8.46	8.68	8.57	6.51	7.02	7.07
γ 70.0	8.49	8.81	8.58	6.73	6.99	7.11
γ 71.0	8.28	8.73	8.47	6.40	6.97	7.16
γ 72.0	8.25	8.62	8.27	6.41	7.20	7.14
γ 73.0	8.25	8.66	8.37	6.30	7.17	7.16
γ 74.0	8.31	8.56	8.46	6.59	7.09	7.09
γ 75.0	8.13	8.61	8.27	6.43	7.21	7.03
γ 76.0	8.12	8.45	8.20	6.58	7.14	7.17
γ 77.0	7.99	8.29	8.27	6.31	7.28	7.28
γ 78.0	7.89	8.44	8.27	6.47	7.01	7.03
γ 79.0	8.05	8.33	8.19	6.28	7.06	6.97
γ 80.0	7.90	8.16	8.11	6.71	7.04	7.07
γ 81.0	7.88	8.41	8.01	6.50	7.11	7.00
γ 82.0	8.22	8.31	7.91	6.64	7.11	7.01
γ 83.0	7.73	8.29	7.97	6.72	6.96	7.12
γ 84.0	7.76	8.25	7.96	6.51	7.08	7.16
γ 85.0	7.73	8.10	7.94	6.46	7.01	7.10
γ 86.0	7.72	7.94	8.00	6.37	7.07	7.12
γ 87.0	7.84	8.15	7.95	6.88	7.12	7.13

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Candela Tabulation - (Cont.)

V/H	C0.0	C60.0	C120.0	C180.0	C240.0	C300.0
γ 88.0	7.92	8.23	8.09	7.30	6.83	7.14
γ 89.0	7.83	8.00	8.17	7.48	6.95	7.07
γ 90.0	7.87	8.06	7.80	7.27	6.99	6.94
γ 91.0	7.70	8.15	7.64	7.07	7.09	6.89
γ 92.0	7.89	8.10	7.91	7.41	7.01	6.90
γ 93.0	7.84	8.12	8.05	7.08	6.97	6.81
γ 94.0	7.70	8.16	8.02	7.17	7.06	6.84
γ 95.0	7.81	8.21	7.87	7.41	7.16	7.03
γ 96.0	7.78	8.19	7.68	7.28	7.07	7.13
γ 97.0	7.90	7.94	7.60	7.35	7.20	7.23
γ 98.0	7.58	7.96	7.67	7.03	7.07	7.19
γ 99.0	7.51	8.03	7.74	7.13	6.71	7.05
γ 100.0	7.61	7.99	7.77	7.17	6.88	7.01
γ 101.0	7.74	8.04	7.84	7.00	7.04	7.11
γ 102.0	7.67	7.80	7.79	6.90	7.12	7.12
γ 103.0	7.69	7.83	7.66	6.89	7.12	7.06
γ 104.0	7.65	7.84	7.54	7.00	7.20	6.98
γ 105.0	7.78	8.11	7.64	7.39	7.25	7.10
γ 106.0	7.99	7.81	7.66	7.09	7.00	7.32
γ 107.0	7.76	7.77	7.47	7.00	7.05	7.33
γ 108.0	7.76	7.70	7.56	7.23	7.18	7.16
γ 109.0	7.60	7.77	7.68	7.30	7.37	7.03
γ 110.0	7.71	7.79	7.72	7.23	7.49	7.22
γ 111.0	7.58	7.61	7.72	7.15	7.30	7.29
γ 112.0	7.42	7.56	7.58	7.13	7.26	7.24
γ 113.0	7.39	7.70	7.65	7.21	7.18	7.43
γ 114.0	7.70	7.73	7.66	7.05	7.41	7.43
γ 115.0	7.30	7.84	7.62	7.15	7.39	7.35
γ 116.0	7.35	7.90	7.65	6.87	7.38	7.33
γ 117.0	7.34	7.97	7.67	7.17	7.29	7.18
γ 118.0	7.53	7.96	7.70	7.07	7.51	7.21
γ 119.0	7.34	8.19	7.69	7.11	7.30	7.25
γ 120.0	7.31	8.07	7.62	7.08	7.29	7.20
γ 121.0	7.50	7.93	7.52	7.25	7.28	7.21
γ 122.0	7.54	8.18	7.49	7.50	7.42	7.20
γ 123.0	7.25	8.06	7.60	7.10	7.59	7.27
γ 124.0	7.56	8.11	7.60	7.27	7.58	7.25
γ 125.0	7.50	7.87	7.46	7.38	7.66	7.21
γ 126.0	7.65	7.95	7.46	7.38	7.45	7.25
γ 127.0	7.32	8.01	7.53	7.42	7.27	7.22
γ 128.0	7.43	7.97	7.67	7.52	7.39	7.23
γ 129.0	7.33	7.93	7.65	7.37	7.74	7.29
γ 130.0	7.45	8.05	7.52	7.47	7.57	7.14
γ 131.0	7.51	8.09	7.65	7.58	7.58	7.09

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Candela Tabulation - (Cont.)

V/H	C0.0	C60.0	C120.0	C180.0	C240.0	C300.0
γ 132.0	7.60	8.15	7.78	7.64	7.62	7.30
γ 133.0	7.79	7.97	7.73	7.50	7.66	7.36
γ 134.0	7.75	8.14	7.74	7.76	7.89	7.51
γ 135.0	7.68	8.19	7.76	7.67	7.95	7.60
γ 136.0	8.05	8.08	8.00	7.90	7.83	7.43
γ 137.0	7.83	7.95	8.07	7.63	7.90	7.56
γ 138.0	7.95	8.09	7.92	7.97	8.06	7.76
γ 139.0	7.97	8.22	8.02	7.92	8.00	7.76
γ 140.0	8.12	8.30	8.01	8.08	8.12	7.83
γ 141.0	8.09	8.23	8.10	7.96	8.07	7.98
γ 142.0	8.45	8.46	8.39	8.16	8.37	8.12
γ 143.0	8.39	8.73	8.49	8.45	8.62	8.27
γ 144.0	8.47	8.74	8.63	8.32	8.60	8.64
γ 145.0	8.55	8.92	8.79	8.67	8.99	8.68
γ 146.0	8.79	9.09	8.82	8.99	9.09	8.55
γ 147.0	8.70	9.42	8.92	9.05	9.16	8.95
γ 148.0	9.16	9.76	9.26	9.16	9.46	9.32
γ 149.0	9.73	9.86	9.68	9.40	9.56	9.40
γ 150.0	9.68	10.13	9.84	9.61	9.81	9.53
γ 151.0	10.08	10.39	10.02	9.99	10.20	9.75
γ 152.0	10.44	10.64	10.38	10.29	10.58	9.97
γ 153.0	10.53	10.95	10.69	10.32	10.64	10.24
γ 154.0	10.88	11.18	10.88	11.00	10.91	10.67
γ 155.0	10.98	11.59	11.08	11.40	11.27	11.13
γ 156.0	11.40	12.01	11.42	11.44	11.42	11.22
γ 157.0	11.81	12.40	11.85	11.96	11.76	11.36
γ 158.0	12.14	12.75	12.31	12.08	11.89	11.76
γ 159.0	12.38	12.78	12.57	12.23	12.18	11.93
γ 160.0	12.40	12.85	12.61	12.64	12.69	11.98
γ 161.0	12.77	13.13	12.67	12.69	12.54	12.20
γ 162.0	13.00	13.45	12.90	13.11	12.72	12.59
γ 163.0	13.33	13.21	13.21	13.35	12.97	12.85
γ 164.0	13.38	13.30	13.22	13.28	13.10	12.87
γ 165.0	13.46	13.51	13.06	13.18	13.28	12.76
γ 166.0	13.25	13.45	13.12	13.39	13.30	12.93
γ 167.0	13.62	13.49	13.40	13.68	13.30	13.17
γ 168.0	13.59	13.69	13.55	13.38	13.35	13.10
γ 169.0	13.46	13.50	13.61	13.59	13.28	13.10
γ 170.0	13.25	13.58	13.53	13.47	13.36	13.22
γ 171.0	13.35	13.25	13.29	13.32	13.32	13.11
γ 172.0	13.13	13.15	13.20	13.39	13.29	13.12
γ 173.0	13.05	13.24	13.10	13.40	13.26	13.09
γ 174.0	13.07	13.08	12.89	13.17	13.14	12.86
γ 175.0	12.88	12.98	12.76	13.19	13.05	12.70

Candela Tabulation - (Cont.)

V/H	C0.0	C60.0	C120.0	C180.0	C240.0	C300.0
γ 176.0	12.72	12.73	12.71	12.96	12.82	12.56
γ 177.0	12.55	12.66	12.69	13.00	12.72	12.46
γ 178.0	12.36	12.72	12.65	12.66	12.78	12.30
γ 179.0	12.58	12.61	12.43	12.50	12.60	12.13
γ 180.0	12.40	12.40	12.40	12.40	12.40	12.40