

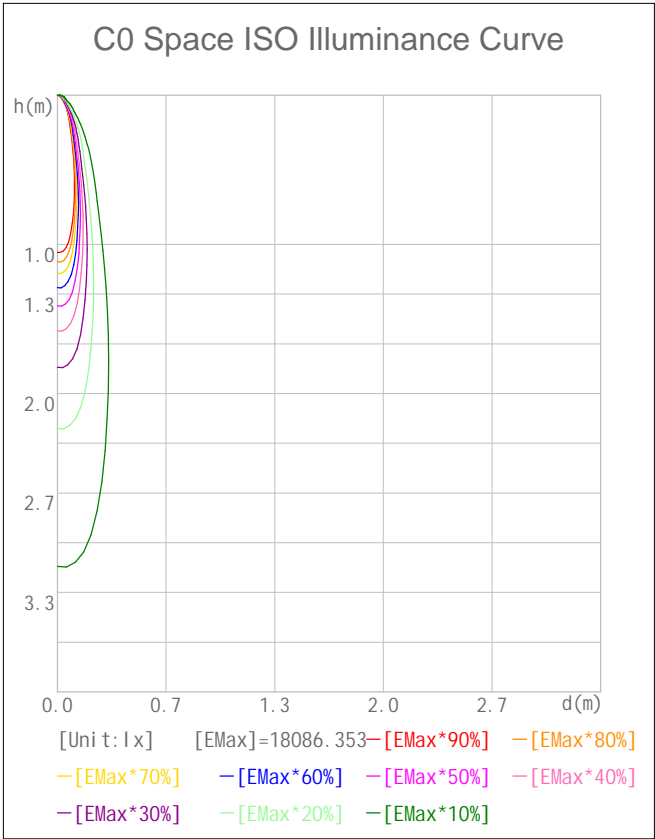
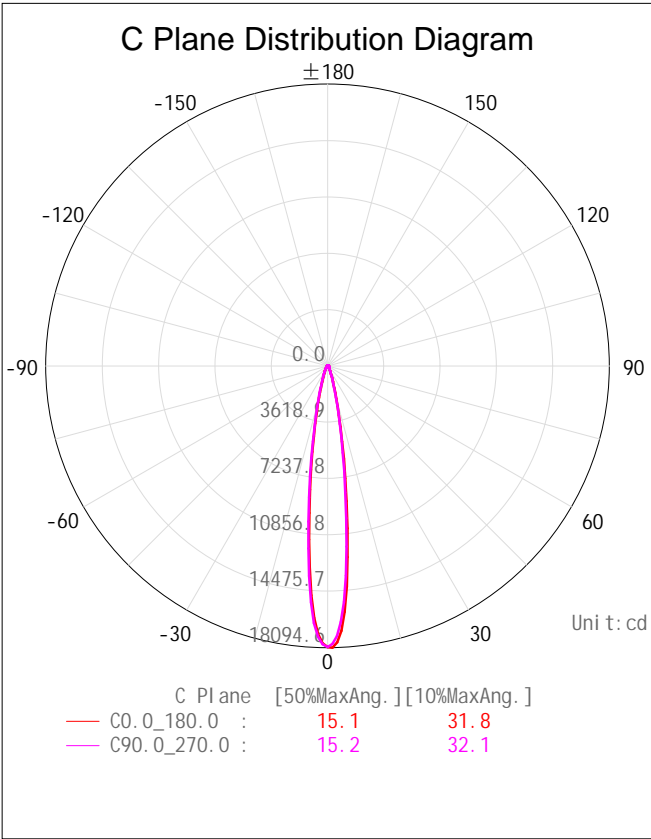
Indoor Luminaire Photometric Data

Description Information

Luminary Name: AT10031		Lum. Catalog:	Test ID:
Lamp Name: 1204		Lamp Catalog: C0B	Test Date: 2017/05/23
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

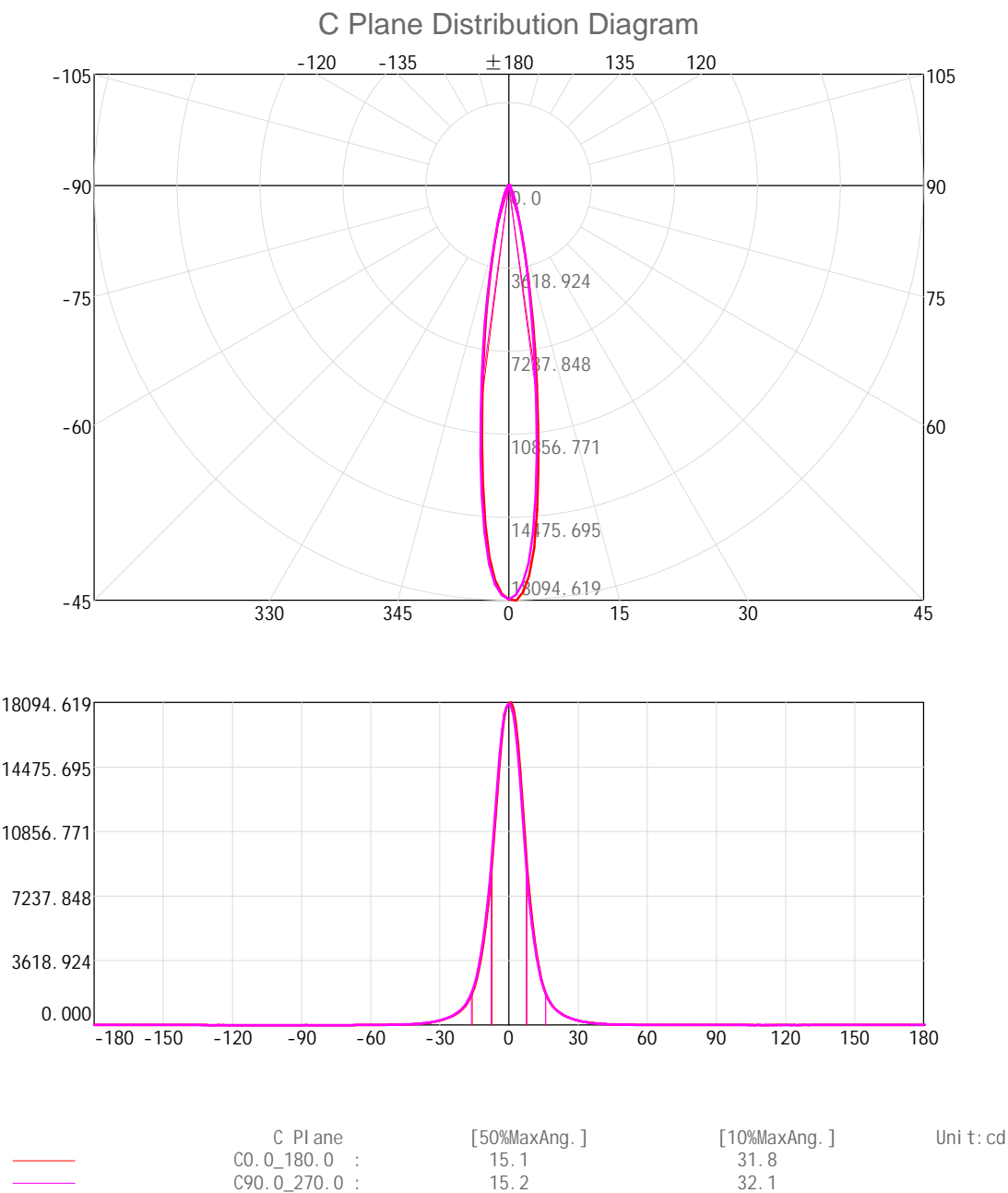
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm):	2314.000	Luminary Flux(lm):	2149.616
Rated Power(W):	25	Luminary Efficiency:	92.90%
Rated Voltage(V):	220	Luminary EER(lm/W):	85.985
Tested Power(W):	25.000	Max. Candel a(cd):	18094.619
Lamps' Inside:	1	Max Cand@Ang. (°):	C=0.0 γ=1.0
Tested Electrics(V, A, pf):	219.8, 0.109, 0.964	Beam Angle(50%Imax):	15.1(°)
Lamp Size(W*L*H): 0.200m*0.200m*0.000m		Left=-7.3° , Right=7.8°	
		Field Angle(10%Imax):	31.8(°)
		Down Lumens&Percent:	2089.626lm 97.21%
		Up Lumens&Percent:	59.990lm 2.79%
		S/MH:	C0_a180=0.261 C90_270=0.261
		CIE Type:	Semi-Direct
		ErP Φuse(90°):	2015.135lm
		IRF(%):	1783.701



2D Plane Light Intensity Distribution Curve

Lum. Name: AT10031	Lum. Catalog:	Test ID:
Lamp Name: 1204	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/23



3D Light Intensity Distribution Modal

Lum. Name: AT10031	Lum. Catalog:	Test ID:
Lamp Name: 1204	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/23

3D Light Intensity Distribution Modal



Curves:

View Angles:

3D Model

Orient:0

Fixture

Tilt:0

Vert. HUD

Roll:0

Hori. HUD

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	17.19	17.19	0.74	0.74	44.0-45.0	3.79	2027.82	0.16	87.63
1.0-2.0	50.65	67.85	2.19	2.93	45.0-46.0	3.57	2031.39	0.15	87.79
2.0-3.0	81.18	149.02	3.51	6.44	46.0-47.0	3.35	2034.74	0.14	87.93
3.0-4.0	106.30	255.33	4.59	11.03	47.0-48.0	3.13	2037.88	0.14	88.07
4.0-5.0	123.73	379.06	5.35	16.38	48.0-49.0	2.93	2040.81	0.13	88.19
5.0-6.0	132.83	511.89	5.74	22.12	49.0-50.0	2.74	2043.55	0.12	88.31
6.0-7.0	134.72	646.61	5.82	27.94	50.0-51.0	2.58	2046.12	0.11	88.42
7.0-8.0	131.26	777.87	5.67	33.62	51.0-52.0	2.43	2048.56	0.11	88.53
8.0-9.0	124.67	902.54	5.39	39.00	52.0-53.0	2.30	2050.86	0.10	88.63
9.0-10.0	116.19	1018.73	5.02	44.02	53.0-54.0	2.17	2053.03	0.09	88.72
10.0-11.0	106.09	1124.82	4.58	48.61	54.0-55.0	1.99	2055.01	0.09	88.81
11.0-12.0	95.18	1220.00	4.11	52.72	55.0-56.0	1.72	2056.73	0.07	88.88
12.0-13.0	84.57	1304.57	3.65	56.38	56.0-57.0	1.47	2058.20	0.06	88.95
13.0-14.0	74.80	1379.37	3.23	59.61	57.0-58.0	1.32	2059.52	0.06	89.00
14.0-15.0	65.96	1445.33	2.85	62.46	58.0-59.0	1.23	2060.75	0.05	89.06
15.0-16.0	58.19	1503.51	2.51	64.97	59.0-60.0	1.17	2061.92	0.05	89.11
16.0-17.0	51.52	1555.04	2.23	67.20	60.0-61.0	1.12	2063.04	0.05	89.15
17.0-18.0	45.87	1600.91	1.98	69.18	61.0-62.0	1.08	2064.12	0.05	89.20
18.0-19.0	41.11	1642.02	1.78	70.96	62.0-63.0	1.05	2065.17	0.05	89.25
19.0-20.0	37.11	1679.12	1.60	72.56	63.0-64.0	1.02	2066.19	0.04	89.29
20.0-21.0	33.72	1712.84	1.46	74.02	64.0-65.0	0.99	2067.18	0.04	89.33
21.0-22.0	30.79	1743.63	1.33	75.35	65.0-66.0	0.97	2068.16	0.04	89.38
22.0-23.0	28.21	1771.84	1.22	76.57	66.0-67.0	0.95	2069.11	0.04	89.42
23.0-24.0	25.89	1797.73	1.12	77.69	67.0-68.0	0.92	2070.02	0.04	89.46
24.0-25.0	23.76	1821.49	1.03	78.72	68.0-69.0	0.90	2070.92	0.04	89.50
25.0-26.0	21.80	1843.29	0.94	79.66	69.0-70.0	0.90	2071.82	0.04	89.53
26.0-27.0	19.98	1863.27	0.86	80.52	70.0-71.0	0.89	2072.71	0.04	89.57
27.0-28.0	18.28	1881.55	0.79	81.31	71.0-72.0	0.89	2073.60	0.04	89.61
28.0-29.0	16.69	1898.24	0.72	82.03	72.0-73.0	0.89	2074.48	0.04	89.65
29.0-30.0	15.19	1913.43	0.66	82.69	73.0-74.0	0.89	2075.37	0.04	89.69
30.0-31.0	13.80	1927.23	0.60	83.29	74.0-75.0	0.89	2076.26	0.04	89.73
31.0-32.0	12.54	1939.78	0.54	83.83	75.0-76.0	0.89	2077.15	0.04	89.76
32.0-33.0	11.39	1951.16	0.49	84.32	76.0-77.0	0.89	2078.04	0.04	89.80
33.0-34.0	10.32	1961.48	0.45	84.77	77.0-78.0	0.89	2078.92	0.04	89.84
34.0-35.0	9.34	1970.82	0.40	85.17	78.0-79.0	0.89	2079.82	0.04	89.88
35.0-36.0	8.45	1979.26	0.37	85.53	79.0-80.0	0.89	2080.71	0.04	89.92
36.0-37.0	7.67	1986.93	0.33	85.87	80.0-81.0	0.89	2081.60	0.04	89.96
37.0-38.0	6.97	1993.90	0.30	86.17	81.0-82.0	0.89	2082.49	0.04	90.00
38.0-39.0	6.32	2000.22	0.27	86.44	82.0-83.0	0.89	2083.38	0.04	90.03
39.0-40.0	5.68	2005.90	0.25	86.69	83.0-84.0	0.89	2084.27	0.04	90.07
40.0-41.0	5.11	2011.01	0.22	86.91	84.0-85.0	0.89	2085.16	0.04	90.11
41.0-42.0	4.67	2015.67	0.20	87.11	85.0-86.0	0.88	2086.05	0.04	90.15
42.0-43.0	4.32	2020.00	0.19	87.29	86.0-87.0	0.89	2086.93	0.04	90.19
43.0-44.0	4.04	2024.03	0.17	87.47	87.0-88.0	0.89	2087.82	0.04	90.23

IES Indoor Report

Photometric Filename:AT10031 25W 1204 3090 HK75-15D KG600.IES

Zonal Flux Tabulation - (Cont.)

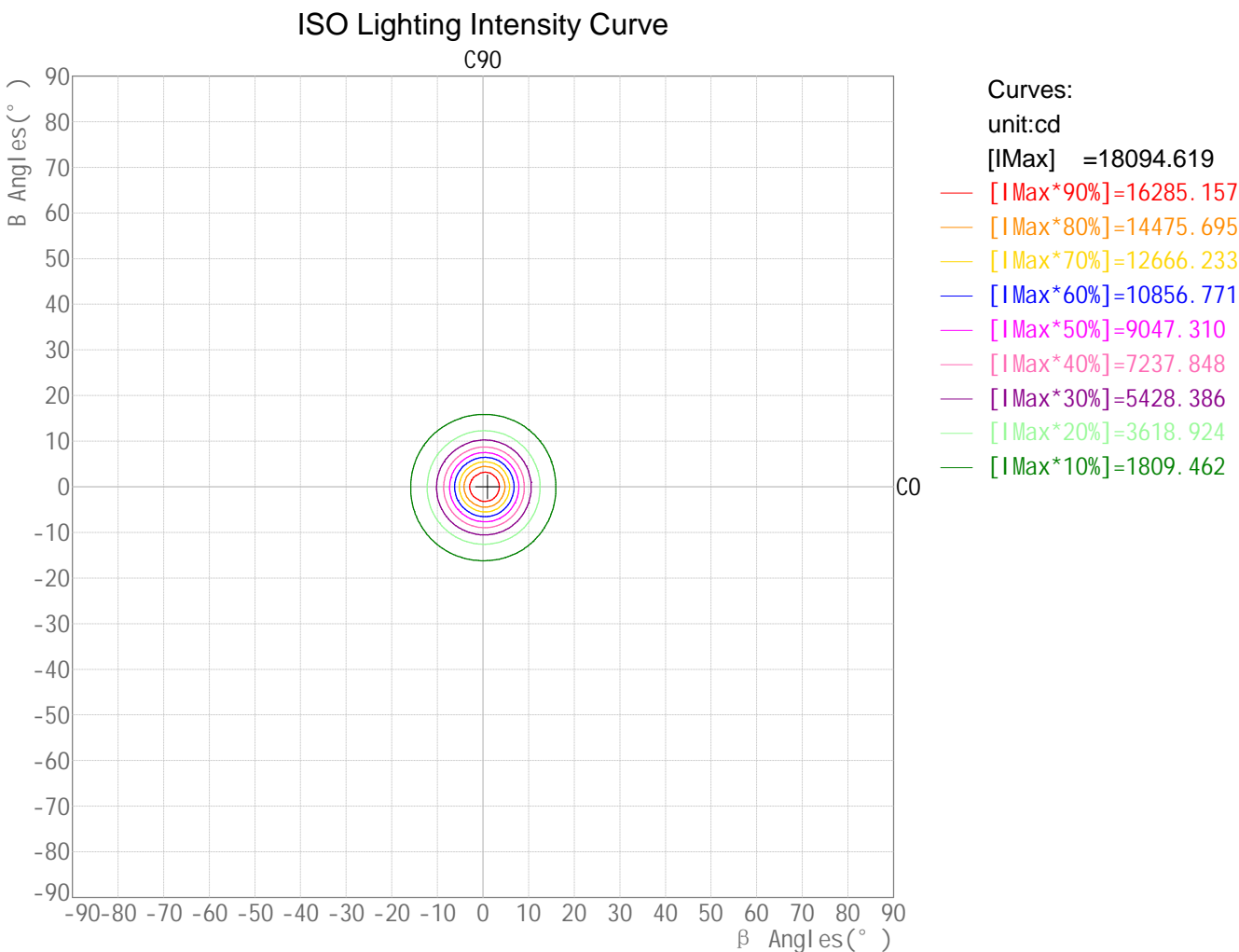
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
88.0-89.0	0.90	2088.72	0.04	90.26	132.0-133.0	0.68	2124.49	0.03	91.81
89.0-90.0	0.90	2089.63	0.04	90.30	133.0-134.0	0.67	2125.16	0.03	91.84
90.0-91.0	0.90	2090.52	0.04	90.34	134.0-135.0	0.66	2125.82	0.03	91.87
91.0-92.0	0.89	2091.41	0.04	90.38	135.0-136.0	0.65	2126.48	0.03	91.90
92.0-93.0	0.89	2092.30	0.04	90.42	136.0-137.0	0.65	2127.13	0.03	91.92
93.0-94.0	0.89	2093.20	0.04	90.46	137.0-138.0	0.65	2127.77	0.03	91.95
94.0-95.0	0.89	2094.09	0.04	90.50	138.0-139.0	0.64	2128.41	0.03	91.98
95.0-96.0	0.89	2094.98	0.04	90.53	139.0-140.0	0.64	2129.05	0.03	92.01
96.0-97.0	0.88	2095.86	0.04	90.57	140.0-141.0	0.63	2129.68	0.03	92.03
97.0-98.0	0.88	2096.73	0.04	90.61	141.0-142.0	0.63	2130.31	0.03	92.06
98.0-99.0	0.87	2097.60	0.04	90.65	142.0-143.0	0.63	2130.93	0.03	92.09
99.0-100.0	0.87	2098.48	0.04	90.69	143.0-144.0	0.62	2131.56	0.03	92.12
100.0-101.0	0.87	2099.35	0.04	90.72	144.0-145.0	0.63	2132.18	0.03	92.14
101.0-102.0	0.87	2100.23	0.04	90.76	145.0-146.0	0.63	2132.81	0.03	92.17
102.0-103.0	0.87	2101.09	0.04	90.80	146.0-147.0	0.63	2133.44	0.03	92.20
103.0-104.0	0.86	2101.96	0.04	90.84	147.0-148.0	0.64	2134.08	0.03	92.22
104.0-105.0	0.86	2102.82	0.04	90.87	148.0-149.0	0.65	2134.73	0.03	92.25
105.0-106.0	0.86	2103.68	0.04	90.91	149.0-150.0	0.66	2135.39	0.03	92.28
106.0-107.0	0.85	2104.53	0.04	90.95	150.0-151.0	0.67	2136.07	0.03	92.31
107.0-108.0	0.84	2105.37	0.04	90.98	151.0-152.0	0.69	2136.75	0.03	92.34
108.0-109.0	0.83	2106.20	0.04	91.02	152.0-153.0	0.69	2137.45	0.03	92.37
109.0-110.0	0.83	2107.03	0.04	91.06	153.0-154.0	0.70	2138.14	0.03	92.40
110.0-111.0	0.83	2107.86	0.04	91.09	154.0-155.0	0.71	2138.85	0.03	92.43
111.0-112.0	0.83	2108.68	0.04	91.13	155.0-156.0	0.71	2139.56	0.03	92.46
112.0-113.0	0.82	2109.50	0.04	91.16	156.0-157.0	0.71	2140.27	0.03	92.49
113.0-114.0	0.81	2110.31	0.04	91.20	157.0-158.0	0.71	2140.98	0.03	92.52
114.0-115.0	0.81	2111.12	0.03	91.23	158.0-159.0	0.70	2141.68	0.03	92.55
115.0-116.0	0.80	2111.93	0.03	91.27	159.0-160.0	0.69	2142.36	0.03	92.58
116.0-117.0	0.80	2112.72	0.03	91.30	160.0-161.0	0.67	2143.04	0.03	92.61
117.0-118.0	0.79	2113.51	0.03	91.34	161.0-162.0	0.65	2143.69	0.03	92.64
118.0-119.0	0.78	2114.30	0.03	91.37	162.0-163.0	0.63	2144.32	0.03	92.67
119.0-120.0	0.78	2115.08	0.03	91.40	163.0-164.0	0.60	2144.92	0.03	92.69
120.0-121.0	0.78	2115.85	0.03	91.44	164.0-165.0	0.57	2145.49	0.02	92.72
121.0-122.0	0.77	2116.62	0.03	91.47	165.0-166.0	0.54	2146.03	0.02	92.74
122.0-123.0	0.76	2117.38	0.03	91.50	166.0-167.0	0.51	2146.54	0.02	92.76
123.0-124.0	0.75	2118.13	0.03	91.54	167.0-168.0	0.47	2147.01	0.02	92.78
124.0-125.0	0.74	2118.86	0.03	91.57	168.0-169.0	0.43	2147.44	0.02	92.80
125.0-126.0	0.72	2119.59	0.03	91.60	169.0-170.0	0.39	2147.84	0.02	92.82
126.0-127.0	0.72	2120.31	0.03	91.63	170.0-171.0	0.35	2148.19	0.02	92.83
127.0-128.0	0.72	2121.03	0.03	91.66	171.0-172.0	0.31	2148.51	0.01	92.85
128.0-129.0	0.71	2121.74	0.03	91.69	172.0-173.0	0.27	2148.78	0.01	92.86
129.0-130.0	0.70	2122.44	0.03	91.72	173.0-174.0	0.23	2149.01	0.01	92.87
130.0-131.0	0.69	2123.13	0.03	91.75	174.0-175.0	0.19	2149.20	0.01	92.88
131.0-132.0	0.69	2123.81	0.03	91.78	175.0-176.0	0.15	2149.35	0.01	92.88

Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
176.0-177.0	0.12	2149.47	0.01	92.89
177.0-178.0	0.08	2149.55	0.00	92.89
178.0-179.0	0.05	2149.60	0.00	92.90
179.0-180.0	0.02	2149.62	0.00	92.90

Rectangle ISO Lighting Intensity Diagram

Lum. Name: AT10031	Lum. Catalog:	Test ID:
Lamp Name: 1204	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/23

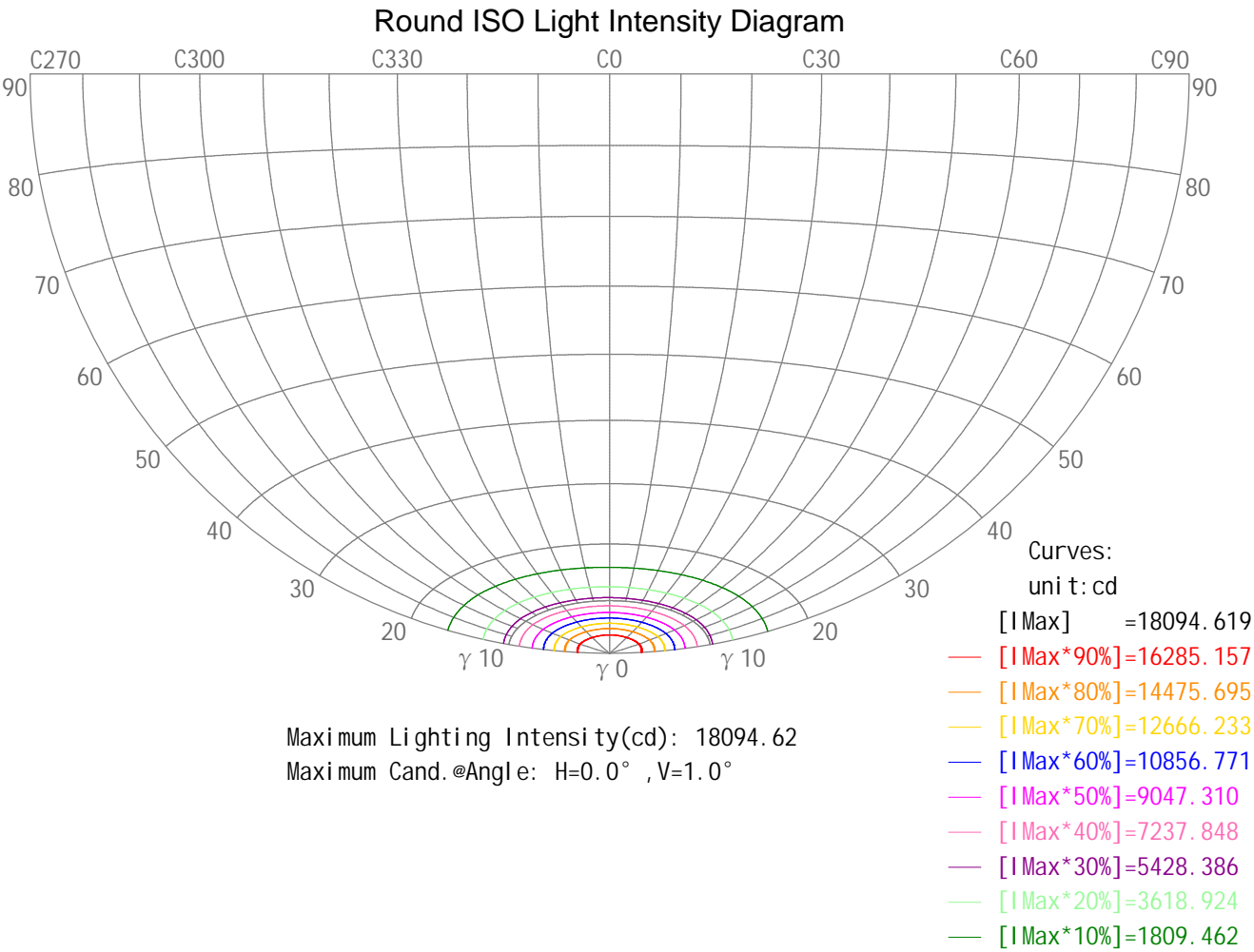


Maximum Light Intensity(cd): 18094.62

Maximum Cand.@Angle: H=1.0°,V=0.0°

Round ISO Lighting Intensity Diagram

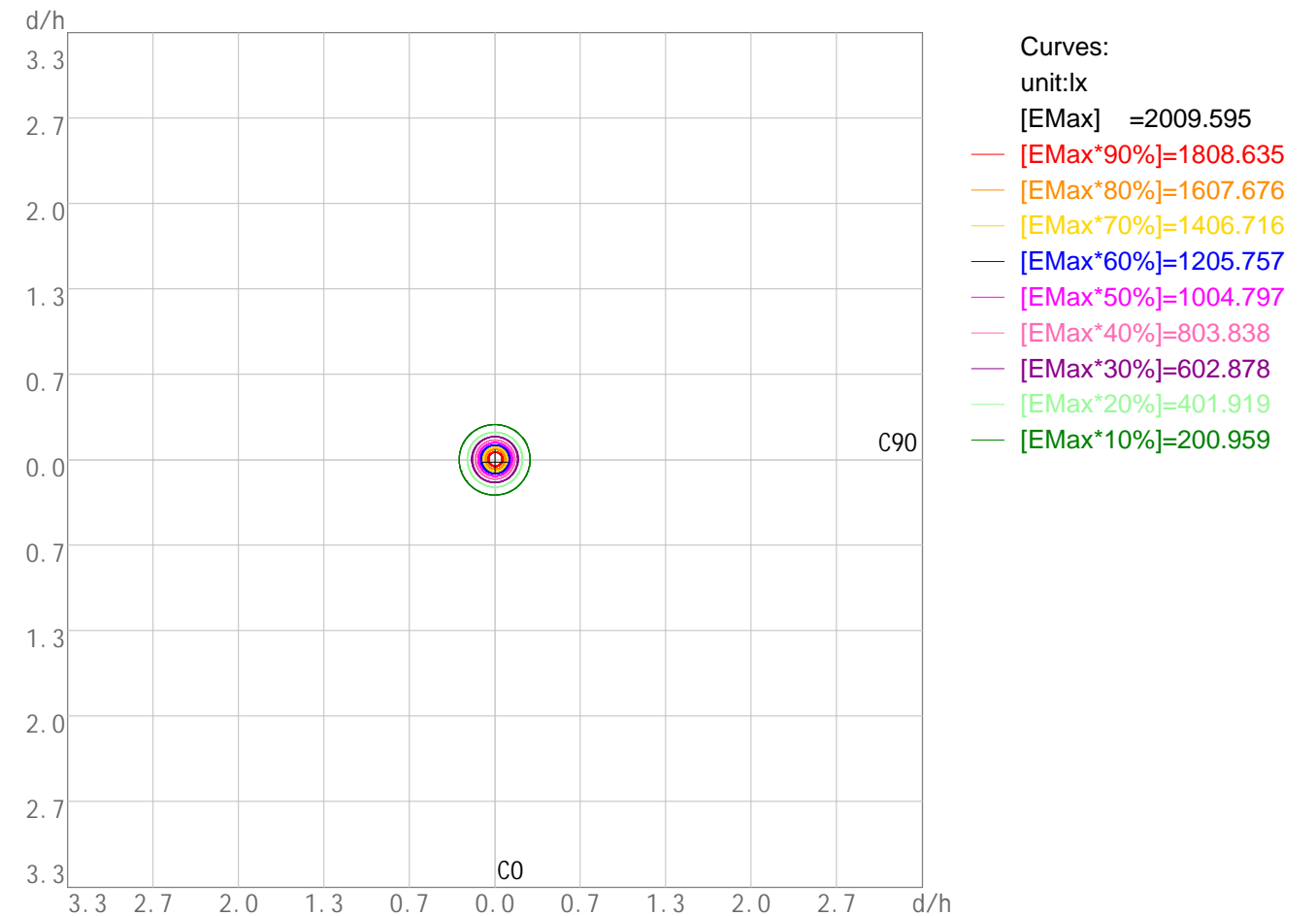
Lum. Name: AT10031	Lum. Catalog:	Test ID:
Lamp Name: 1204	Lamp Catalog: C0B	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/23



Plane ISO-Illuminance Diagram

Lum. Name: AT10031	Lum. Catalog:	Test ID:
Lamp Name: 1204	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/23

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 2009.59
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name: AT10031	Lum. Catalog:	Test ID:
Lamp Name: 1204	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/23

3D Plane Illuminance Model



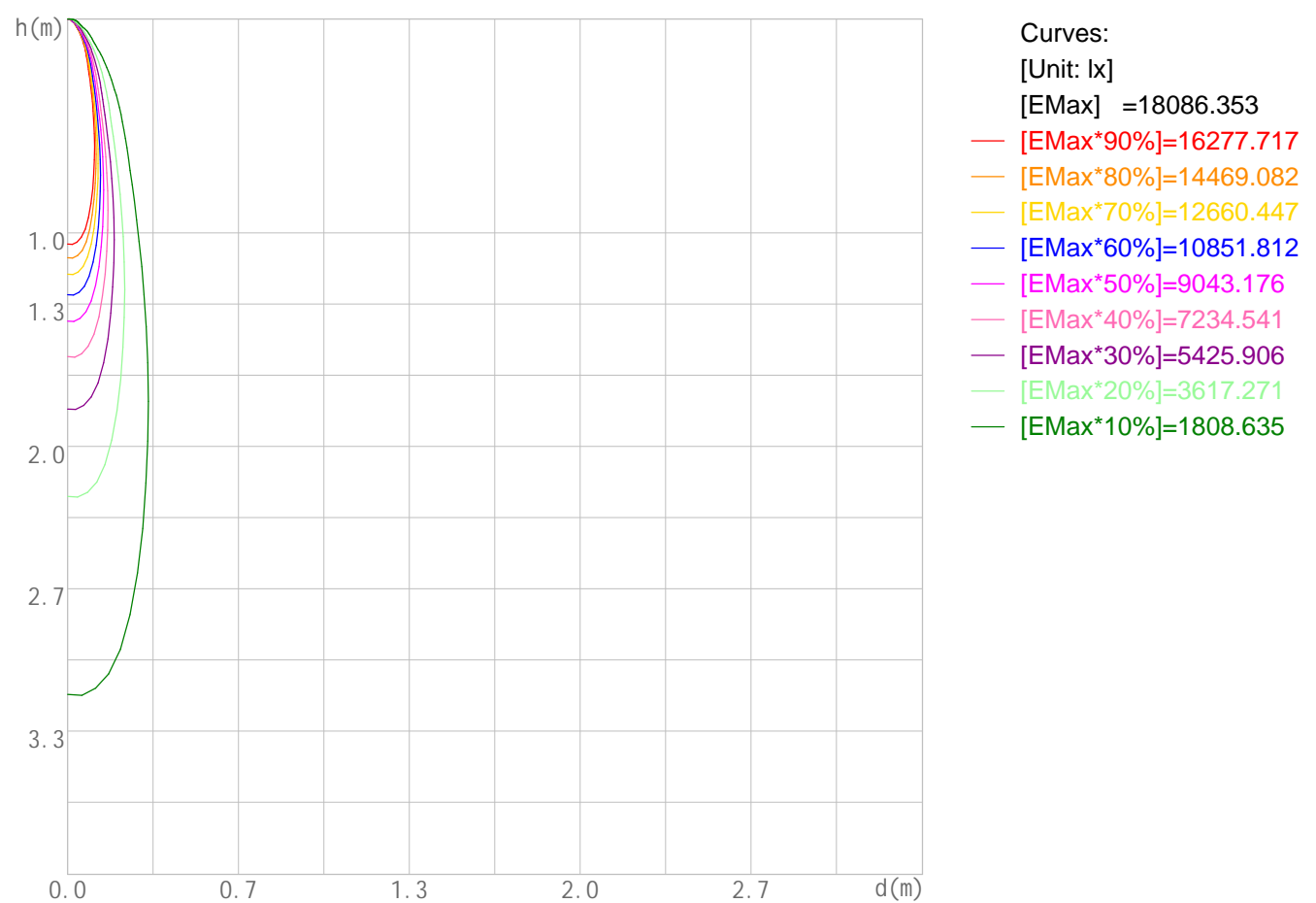
Curves: 3D Model— 90%— 80%— 70%— 60%— 50%— 40%— 30%— 20%— 10%—

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

Space ISO Illuminance Diagram

Lum. Name: AT10031	Lum. Catalog:	Test ID:
Lamp Name: 1204	Lamp Catalog: C0B	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/23

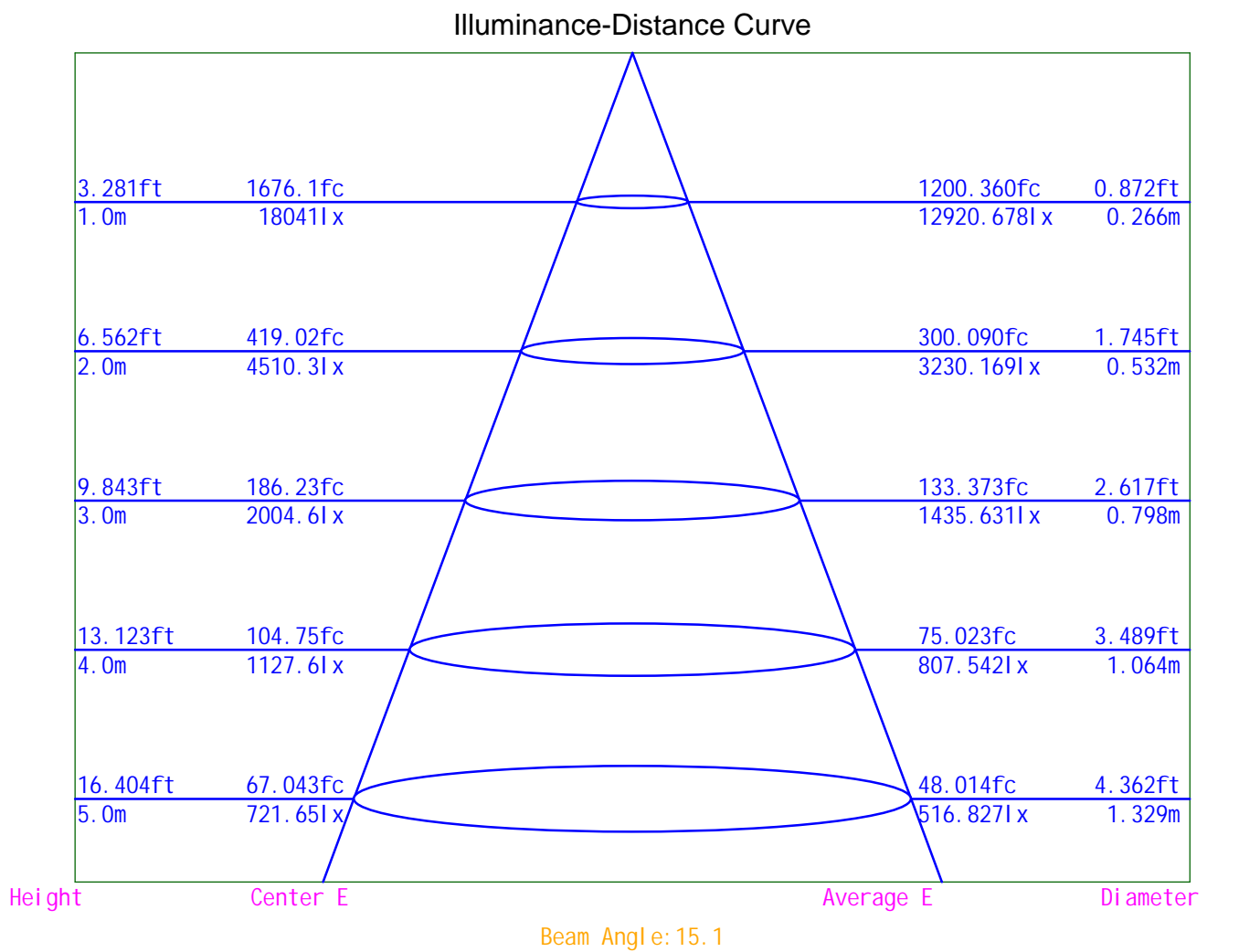
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:18086.35lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:18094.619cd,0deg

Illuminance-Distance Diagram

Lum. Name: AT10031	Lum. Catalog:	Test ID:
Lamp Name: 1204	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/23



Indoor Luminance Limiting Curves

Lum. Name: AT10031	Lum. Catalog:	Test ID:
Lamp Name: 1204	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/23

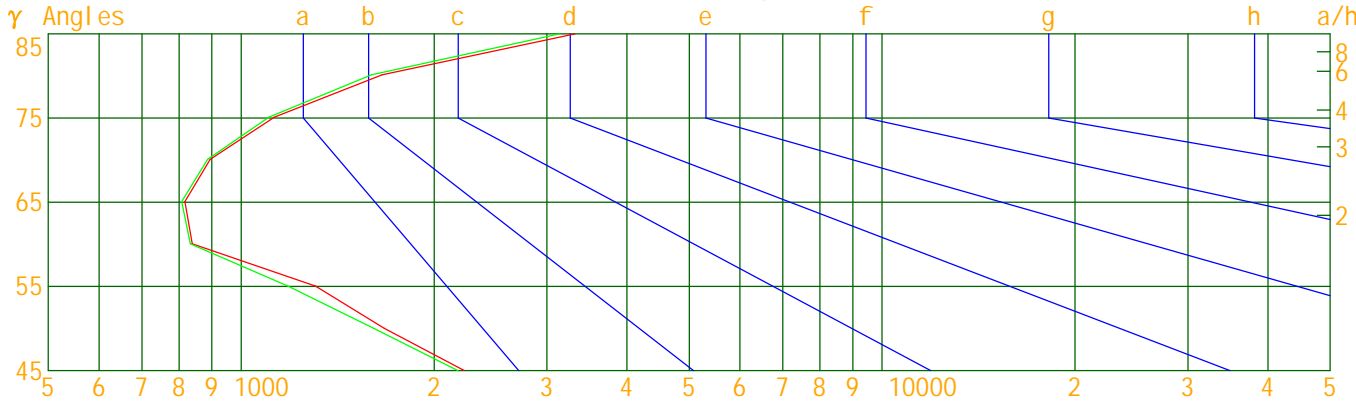
Glare Grade Table

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	2230	1672	1306	839	817	895	1128	1659	3317
C90	2179	1609	1183	833	808	886	1105	1597	3142

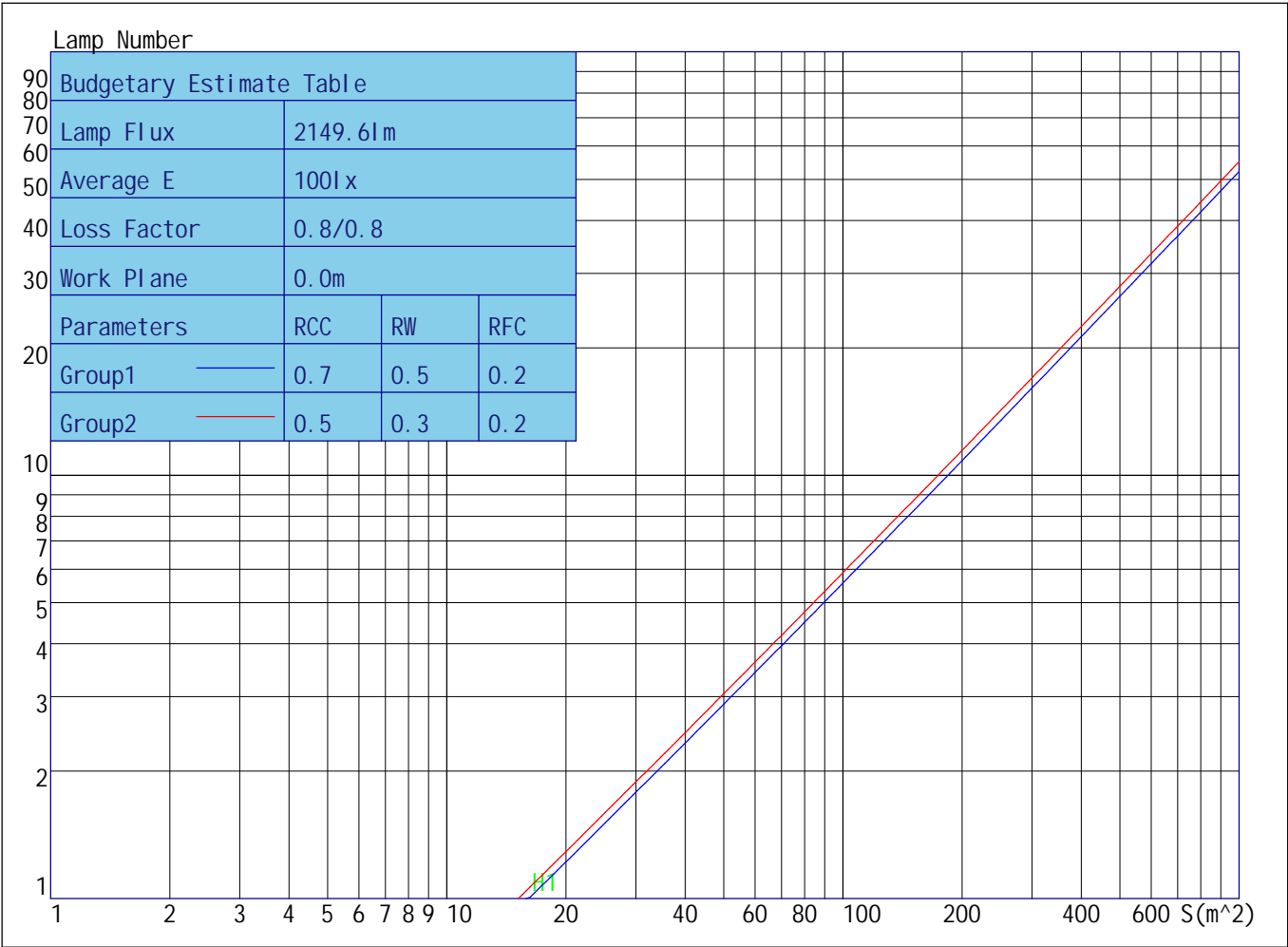
Luminance Limiting Curve



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: —

Indoor Budgetary Estimate Table

Lum. Name: AT10031	Lum. Catalog:	Test ID:
Lamp Name: 1204	Lamp Catalog: COB	Test Lab:
Manufacturer:	Test Machine: GON-2000	Test Date: 2017/05/23



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:AT10031 25W 1204 3090 HK75-15D KG600.IES

Indoor Coefficient of Utilization Table

Lum. Name: AT10031	Lum. Catalog:	Test ID:
Lamp Name: 1204	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/23

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	110	110	110	110	107	107	107	107	102	102	102	97	97	97	92	92	92	90
1	106	104	102	101	104	102	100	99	98	96	95	94	93	92	90	90	89	87
2	103	99	96	94	100	97	95	93	94	92	90	91	89	88	88	87	86	84
3	99	95	92	89	97	94	90	88	91	88	86	88	86	85	86	85	83	82
4	96	91	88	85	95	90	87	84	88	85	83	86	84	82	84	82	81	80
5	94	88	84	82	92	87	84	81	86	83	80	84	81	79	82	80	79	77
6	91	85	82	79	90	85	81	79	83	80	78	82	79	77	81	78	77	76
7	89	83	79	77	88	82	79	76	81	78	76	80	77	75	79	77	75	74
8	87	81	77	75	86	80	77	74	79	76	74	78	75	73	77	75	73	72
9	85	79	75	73	84	78	75	73	77	74	72	77	74	72	76	73	72	71
10	83	77	73	71	82	77	73	71	76	73	71	75	72	70	74	72	70	69

IES Indoor Report

Photometric Filename:AT10031 25W 1204 3090 HK75-15D KG600.IES

Unified Glare Rating Table

Lum. Name: AT10031	Lum. Catalog:	Test ID:
Lamp Name: 1204	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2017/05/23

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	6.8	7.5	7.2	7.9	8.3	6.7	7.4	7.1	7.8	8.2
	7.2	7.8	7.6	8.2	8.7	7.1	7.7	7.5	8.1	8.6
	7.6	8.2	8.1	8.6	9.1	7.5	8.1	8.0	8.5	9.0
	8.4	8.9	8.8	9.3	9.8	8.3	8.8	8.7	9.2	9.7
	8.9	9.4	9.4	9.9	10.4	8.8	9.3	9.3	9.8	10.2
	9.7	10.2	10.2	10.6	11.1	9.6	10.0	10.1	10.5	11.0
X=4H Y=2H	6.7	7.3	7.2	7.7	8.2	6.6	7.2	7.1	7.6	8.1
	7.3	7.8	7.8	8.3	8.7	7.3	7.8	7.8	8.2	8.7
	8.0	8.4	8.5	8.9	9.4	8.0	8.4	8.5	8.8	9.4
	9.1	9.4	9.6	9.9	10.5	9.0	9.4	9.6	9.9	10.4
	9.9	10.1	10.4	10.7	11.2	9.8	10.1	10.3	10.6	11.1
	10.9	11.1	11.4	11.6	12.2	10.8	11.0	11.3	11.5	12.1
X=8H Y=4H	8.2	8.5	8.8	9.0	9.6	8.2	8.5	8.8	9.0	9.6
	9.7	9.8	10.2	10.4	11.0	9.6	9.8	10.2	10.4	10.9
	10.7	10.8	11.3	11.4	12.0	10.6	10.8	11.2	11.3	11.9
	12.0	12.1	12.6	12.6	13.3	11.9	12.0	12.5	12.6	13.2
X=12H Y=4H	8.3	8.5	8.8	9.1	9.6	8.3	8.5	8.8	9.1	9.6
	9.8	10.0	10.4	10.5	11.1	9.8	10.0	10.4	10.5	11.1
	11.0	11.1	11.6	11.6	12.3	11.0	11.1	11.6	11.6	12.3
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					0.1/-0.2				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	3.4					3.5				

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

IES Indoor Report

Photometric Filename:AT10031 25W 1204 3090 HK75-15D KG600.IES

Candela Tabulation

V/H	C0.0	C60.0	C120.0	C180.0	C240.0	C300.0
γ 0.0	18041.2	18041.2	18041.2	18041.2	18041.2	18041.2
γ 1.0	18094.6	17958.3	17736.9	17805.3	17786.2	17937.1
γ 2.0	17750.2	17554.2	17142.6	17202.5	17224.8	17561.1
γ 3.0	17025.8	16760.0	16175.0	16205.2	16255.2	16793.9
γ 4.0	15823.6	15551.8	14799.1	14757.6	14822.3	15578.1
γ 5.0	14186.9	13953.3	13078.9	12962.7	13091.0	13965.4
γ 6.0	12337.8	12081.8	11239.8	11203.3	11378.8	12171.0
γ 7.0	10499.3	10199.1	9471.8	9500.2	9727.3	10416.7
γ 8.0	8771.7	8495.1	7915.3	8012.6	8241.1	8795.2
γ 9.0	7310.1	7067.6	6610.5	6739.4	6958.7	7380.1
γ 10.0	6053.2	5855.9	5480.6	5604.4	5820.9	6154.7
γ 11.0	4941.1	4800.9	4508.7	4604.1	4807.2	5074.7
γ 12.0	4004.7	3920.6	3701.3	3777.9	3948.1	4151.3
γ 13.0	3258.8	3207.7	3039.7	3102.7	3250.8	3395.9
γ 14.0	2659.1	2629.9	2498.6	2552.4	2680.6	2785.4
γ 15.0	2176.4	2164.5	2061.7	2109.6	2218.4	2289.8
γ 16.0	1795.0	1795.5	1716.9	1756.8	1848.8	1892.3
γ 17.0	1495.5	1502.4	1444.2	1473.4	1553.2	1576.9
γ 18.0	1260.3	1268.4	1227.0	1248.1	1316.8	1326.4
γ 19.0	1073.6	1082.4	1053.3	1067.2	1126.9	1127.1
γ 20.0	925.1	933.9	912.4	921.6	973.3	967.7
γ 21.0	805.5	813.0	796.1	801.7	847.5	838.2
γ 22.0	705.5	712.3	698.5	701.7	742.5	731.1
γ 23.0	619.9	626.8	615.3	617.3	653.8	641.4
γ 24.0	546.7	552.9	543.2	544.2	577.4	565.0
γ 25.0	482.8	488.2	480.2	480.3	510.5	498.8
γ 26.0	427.1	431.7	424.7	424.5	451.5	440.6
γ 27.0	378.0	381.8	375.6	375.2	399.3	389.8
γ 28.0	334.1	337.5	331.8	331.1	353.9	344.7
γ 29.0	295.9	298.3	291.5	292.1	313.1	304.4
γ 30.0	261.4	262.9	256.8	257.0	273.7	268.5
γ 31.0	231.6	232.2	227.3	226.1	240.9	237.1
γ 32.0	205.7	205.2	200.5	198.1	212.2	209.6
γ 33.0	182.8	181.3	177.0	174.4	186.8	185.2
γ 34.0	162.4	160.6	155.7	152.2	163.7	163.9
γ 35.0	144.2	142.1	137.2	133.2	143.2	145.0
γ 36.0	128.1	126.1	121.8	117.1	125.9	128.0
γ 37.0	114.2	112.3	108.5	103.7	111.4	113.2
γ 38.0	102.0	100.1	96.2	92.0	98.6	100.6
γ 39.0	91.5	88.7	84.8	80.2	86.7	88.9
γ 40.0	79.2	77.8	75.3	70.5	76.1	77.2
γ 41.0	69.9	69.0	67.6	63.5	67.8	67.2
γ 42.0	63.0	62.3	61.3	57.8	61.2	59.9
γ 43.0	57.8	57.0	56.4	52.9	55.8	54.3

VOLNIC GON-2000 分布光度计,伏达光电技术有限公司

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IES Indoor Report

Photometric Filename:AT10031 25W 1204 3090 HK75-15D KG600.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C60.0	C120.0	C180.0	C240.0	C300.0
γ 44.0	53.3	52.4	52.2	48.8	51.2	49.7
γ 45.0	49.5	48.6	48.2	44.9	47.2	45.8
γ 46.0	46.2	44.9	44.5	41.8	43.6	42.3
γ 47.0	42.7	41.6	40.9	38.6	39.9	39.0
γ 48.0	39.3	38.0	37.6	35.2	36.6	35.8
γ 49.0	36.4	35.0	34.9	32.4	33.7	32.7
γ 50.0	33.8	32.5	32.5	30.0	31.0	29.9
γ 51.0	31.0	30.1	30.2	28.0	28.8	27.6
γ 52.0	28.9	28.2	28.3	26.2	26.8	25.7
γ 53.0	27.1	26.4	26.6	24.2	25.1	23.9
γ 54.0	25.4	24.6	24.3	22.0	23.3	22.5
γ 55.0	23.5	22.1	20.5	18.0	20.1	20.7
γ 56.0	20.0	18.5	17.2	14.6	16.0	17.1
γ 57.0	16.8	16.0	15.5	12.9	14.1	14.0
γ 58.0	15.3	14.9	14.5	11.7	12.9	12.5
γ 59.0	14.1	13.9	13.6	11.3	12.0	11.4
γ 60.0	13.2	13.3	12.9	10.7	11.4	10.6
γ 61.0	12.7	12.6	12.4	10.2	10.6	10.2
γ 62.0	12.0	12.1	11.8	9.6	10.4	9.9
γ 63.0	11.8	11.5	11.5	9.4	10.0	9.4
γ 64.0	11.2	11.3	11.1	9.0	9.5	9.1
γ 65.0	10.8	10.9	10.6	8.6	9.1	9.1
γ 66.0	10.7	10.7	10.3	8.5	9.1	8.7
γ 67.0	10.2	10.3	9.8	7.9	8.8	8.3
γ 68.0	9.7	10.0	9.4	7.7	8.5	8.0
γ 69.0	9.7	9.8	9.5	7.7	8.4	7.8
γ 70.0	9.6	9.5	9.5	7.6	8.2	7.6
γ 71.0	9.2	9.3	9.4	7.8	8.0	7.4
γ 72.0	9.5	9.1	9.2	7.8	8.0	7.5
γ 73.0	9.5	9.0	9.1	7.6	8.0	7.6
γ 74.0	9.4	9.0	9.1	7.6	8.0	7.6
γ 75.0	9.2	9.0	9.0	7.5	8.0	7.6
γ 76.0	9.2	8.9	8.9	7.6	7.9	7.5
γ 77.0	9.1	8.9	9.0	7.5	7.9	7.5
γ 78.0	9.1	8.9	8.9	7.4	7.9	7.7
γ 79.0	9.1	9.0	8.7	7.3	7.9	7.7
γ 80.0	9.1	8.7	8.7	7.5	7.9	7.7
γ 81.0	9.1	8.5	8.8	7.3	7.9	7.5
γ 82.0	9.0	8.4	8.9	7.3	8.0	7.5
γ 83.0	8.8	8.6	8.8	7.4	7.9	7.6
γ 84.0	9.0	8.7	8.8	7.4	7.8	7.7
γ 85.0	9.1	8.6	8.6	7.2	7.7	7.6
γ 86.0	8.9	8.4	8.6	7.2	7.8	7.6
γ 87.0	8.8	8.4	8.6	7.6	7.7	7.7

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IES Indoor Report

Photometric Filename:AT10031 25W 1204 3090 HK75-15D KG600.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C60.0	C120.0	C180.0	C240.0	C300.0
γ 88.0	8.7	8.3	8.6	8.3	7.6	7.5
γ 89.0	9.0	8.6	8.6	7.8	7.9	7.5
γ 90.0	8.9	8.8	8.4	7.9	7.9	7.7
γ 91.0	8.6	8.5	8.3	8.0	7.7	7.6
γ 92.0	8.7	8.6	8.3	8.2	7.7	7.4
γ 93.0	8.5	8.5	8.4	8.0	7.7	7.4
γ 94.0	8.8	8.4	8.5	8.0	7.9	7.6
γ 95.0	8.7	8.4	8.4	7.8	7.9	7.5
γ 96.0	8.7	8.5	8.3	7.9	7.8	7.6
γ 97.0	8.4	8.4	8.4	7.7	7.9	7.7
γ 98.0	8.5	8.2	8.4	7.8	7.9	7.5
γ 99.0	8.3	8.3	8.4	8.0	7.9	7.5
γ 100.0	8.5	8.4	8.3	8.0	7.9	7.6
γ 101.0	8.6	8.4	8.3	7.9	7.8	7.7
γ 102.0	8.4	8.4	8.3	8.0	7.9	7.7
γ 103.0	8.6	8.5	8.3	7.9	8.0	7.5
γ 104.0	8.3	8.3	8.2	8.2	8.1	7.5
γ 105.0	8.7	8.4	8.1	8.1	8.1	7.6
γ 106.0	8.4	8.4	8.1	8.0	8.0	7.6
γ 107.0	8.1	8.3	8.1	8.0	8.0	7.6
γ 108.0	8.5	8.4	8.2	7.7	7.9	7.4
γ 109.0	8.4	8.3	8.1	7.9	7.8	7.5
γ 110.0	8.2	8.3	8.2	8.1	7.7	7.7
γ 111.0	8.2	8.5	8.2	8.1	7.8	7.7
γ 112.0	8.2	8.4	8.3	8.2	7.8	7.7
γ 113.0	8.0	8.3	8.3	8.1	7.9	7.7
γ 114.0	8.3	8.3	8.3	8.0	8.0	7.8
γ 115.0	8.5	8.4	8.1	8.0	8.0	7.8
γ 116.0	8.5	8.4	8.2	8.1	7.8	7.7
γ 117.0	8.6	8.4	8.2	8.0	7.9	7.8
γ 118.0	8.3	8.4	8.1	7.9	7.9	7.9
γ 119.0	8.3	8.6	8.2	8.1	7.9	8.0
γ 120.0	8.3	8.5	8.2	8.0	8.0	8.0
γ 121.0	8.6	8.5	8.1	8.0	8.1	8.1
γ 122.0	8.4	8.4	8.0	8.1	7.8	8.2
γ 123.0	8.6	8.4	8.1	8.1	8.0	8.1
γ 124.0	8.5	8.5	8.1	8.3	8.1	8.0
γ 125.0	8.3	8.3	8.1	8.0	8.1	7.8
γ 126.0	8.5	8.1	8.1	8.3	8.0	7.8
γ 127.0	8.4	8.3	8.3	8.1	8.0	8.0
γ 128.0	8.5	8.5	8.3	8.3	8.2	8.0
γ 129.0	8.7	8.5	8.3	8.1	8.1	8.1
γ 130.0	8.2	8.4	8.3	8.2	8.2	8.1
γ 131.0	8.6	8.5	8.2	8.4	8.2	8.1

IES Indoor Report

Photometric Filename:AT10031 25W 1204 3090 HK75-15D KG600.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C60.0	C120.0	C180.0	C240.0	C300.0
γ 132.0	8.6	8.4	8.4	8.5	8.2	8.1
γ 133.0	8.6	8.5	8.5	8.3	8.4	8.0
γ 134.0	8.5	8.5	8.5	8.7	8.6	8.0
γ 135.0	8.5	8.6	8.6	8.8	8.5	8.2
γ 136.0	8.6	8.5	8.6	8.4	8.6	8.3
γ 137.0	8.8	8.6	8.7	8.6	8.7	8.4
γ 138.0	8.9	9.0	8.8	8.6	8.9	8.6
γ 139.0	9.0	8.9	9.0	8.7	9.0	8.7
γ 140.0	9.1	8.8	9.2	8.9	9.0	8.8
γ 141.0	9.2	9.0	9.2	9.0	9.1	9.0
γ 142.0	9.4	9.2	9.3	9.1	9.2	9.2
γ 143.0	9.5	9.6	9.7	9.4	9.4	9.2
γ 144.0	9.7	9.9	9.9	9.7	9.7	9.3
γ 145.0	9.9	10.0	10.1	10.1	9.9	9.6
γ 146.0	10.4	10.2	10.4	10.4	10.2	10.0
γ 147.0	10.7	10.7	10.9	10.5	10.9	10.3
γ 148.0	11.0	11.1	11.4	11.2	11.2	10.8
γ 149.0	11.5	11.8	12.0	11.6	11.6	11.2
γ 150.0	12.2	12.2	12.7	12.1	12.2	11.7
γ 151.0	13.2	12.7	13.1	12.9	12.6	12.3
γ 152.0	13.4	13.3	13.9	13.6	13.3	12.8
γ 153.0	14.1	14.0	14.5	14.0	13.8	13.5
γ 154.0	14.6	14.5	15.0	14.6	14.6	14.2
γ 155.0	15.6	15.2	15.7	15.4	15.2	14.9
γ 156.0	16.1	15.8	16.5	16.1	15.7	15.6
γ 157.0	16.5	16.4	17.0	16.7	16.4	16.3
γ 158.0	17.4	17.0	17.5	17.0	16.9	16.9
γ 159.0	17.7	17.5	18.1	17.8	17.3	17.5
γ 160.0	18.4	17.8	18.5	18.2	17.7	18.0
γ 161.0	18.9	18.3	18.9	18.8	18.2	18.4
γ 162.0	19.5	18.7	19.2	19.1	18.5	18.7
γ 163.0	19.6	18.8	19.3	19.4	19.0	19.0
γ 164.0	20.0	19.0	19.4	19.6	19.0	19.3
γ 165.0	20.0	19.3	19.6	20.0	19.2	19.6
γ 166.0	20.1	19.5	19.8	20.1	19.4	19.8
γ 167.0	20.2	19.6	19.9	20.4	19.5	19.9
γ 168.0	20.1	19.7	19.7	20.4	19.3	20.1
γ 169.0	20.1	19.6	19.6	20.3	19.3	19.9
γ 170.0	20.0	19.3	19.5	20.2	19.1	19.8
γ 171.0	20.3	19.0	19.4	19.9	18.8	19.5
γ 172.0	19.8	18.8	19.1	19.3	18.6	19.2
γ 173.0	19.5	18.6	18.5	19.0	18.4	18.9
γ 174.0	19.1	18.1	18.1	18.7	18.0	18.6
γ 175.0	18.5	17.6	17.7	18.2	17.6	18.4

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Candela Tabulation - (Cont.)

V/H	C0.0	C60.0	C120.0	C180.0	C240.0	C300.0
γ 176.0	18.5	17.3	17.3	18.0	17.4	17.9
γ 177.0	17.8	17.1	17.0	17.1	17.1	17.4
γ 178.0	17.4	16.8	16.5	16.9	16.6	17.0
γ 179.0	16.9	16.6	16.3	16.8	16.4	16.6
γ 180.0	16.6	16.6	16.6	16.6	16.6	16.6