

# IES Indoor Report

Photometric Filename:AW12540 6W 1202C9 3090 ZHT35-36D 150.IES

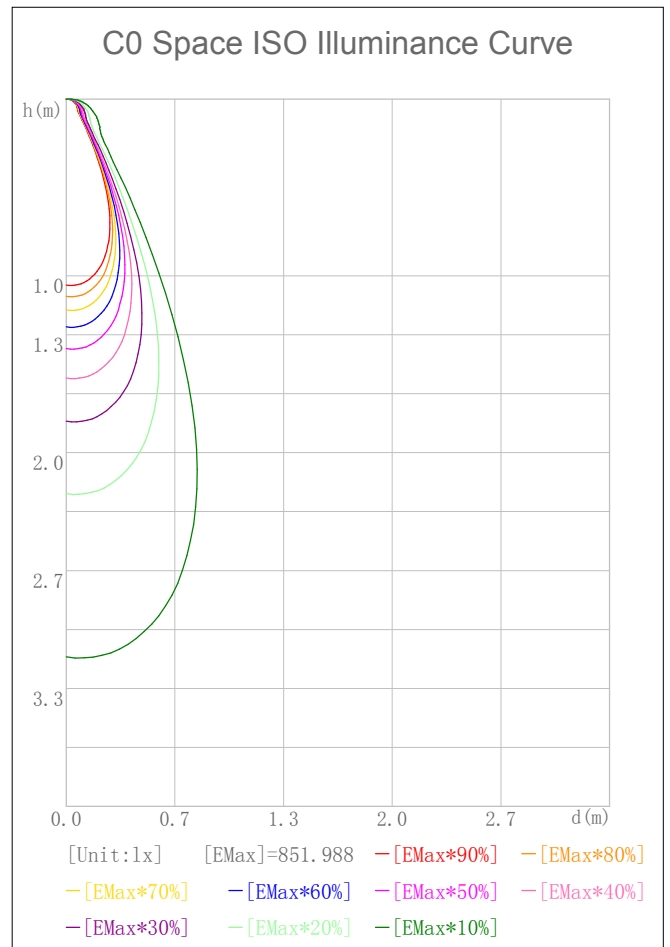
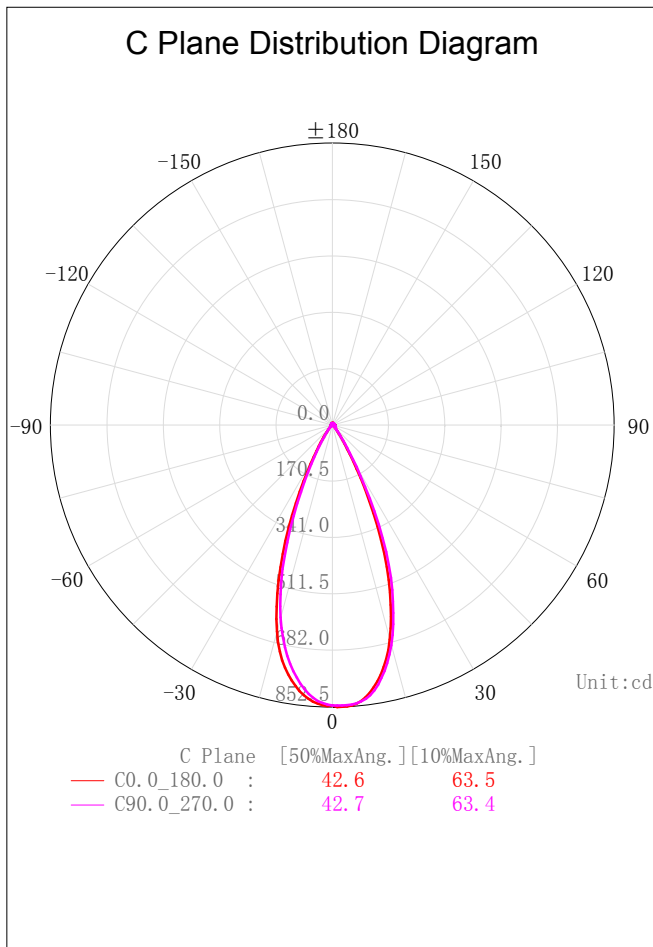
## Indoor Luminaire Photometric Data

### Description Information

Luminary Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Date: 2023/07/16
Manufacture:	Shld. Ang(°): 36	Test Machine:GON-2000
Test Lab: Test	Frequency(Hz): 50	Lamp CCT(K): 3000 Ra: 90
Lum. Size(W*L*H): 0.066m*0.066m*0.000m	Lum. Area(m2): 0.003	Lum. W(kg): 0.000
Test System: C, $\gamma$	Test Step: C=22.5 $\gamma$ =1.0	Temp. (°C): 25
		Humidity(%): 50.0

### Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 464.000	Luminary Flux(lm): 464.824	Field Angle(10%Imax): 63.5(°)	
Rated Power(W): 6	Luminary Efficiency: 100.18%	Down Lumens&Percent: 440.965lm 94.87%	
Rated Voltage(V): 220	Luminary EER(lm/W): 75.202	Up Lumens&Percent: 23.859lm 5.13%	
Tested Power(W): 6.181	Max. Candela(cd): 852.514	S/MH: C0_a180=0.701 C90_270=0.700	
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 $\gamma$ =2.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf): 220.8, 0.047, 0.583	Beam Angle(50%Imax): 42.6(°)	ErP $\Phi$ use(90°): 419.150lm	
Lamp Size(W*L*H): 0.066m*0.066m*0.000m	Left=-20.8°, Right=21.8°	IRF(%): 420.461	



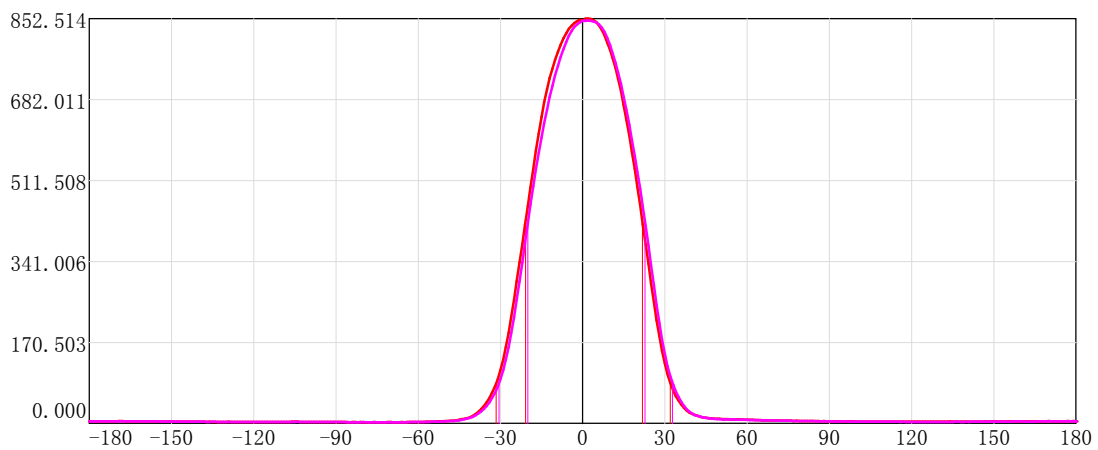
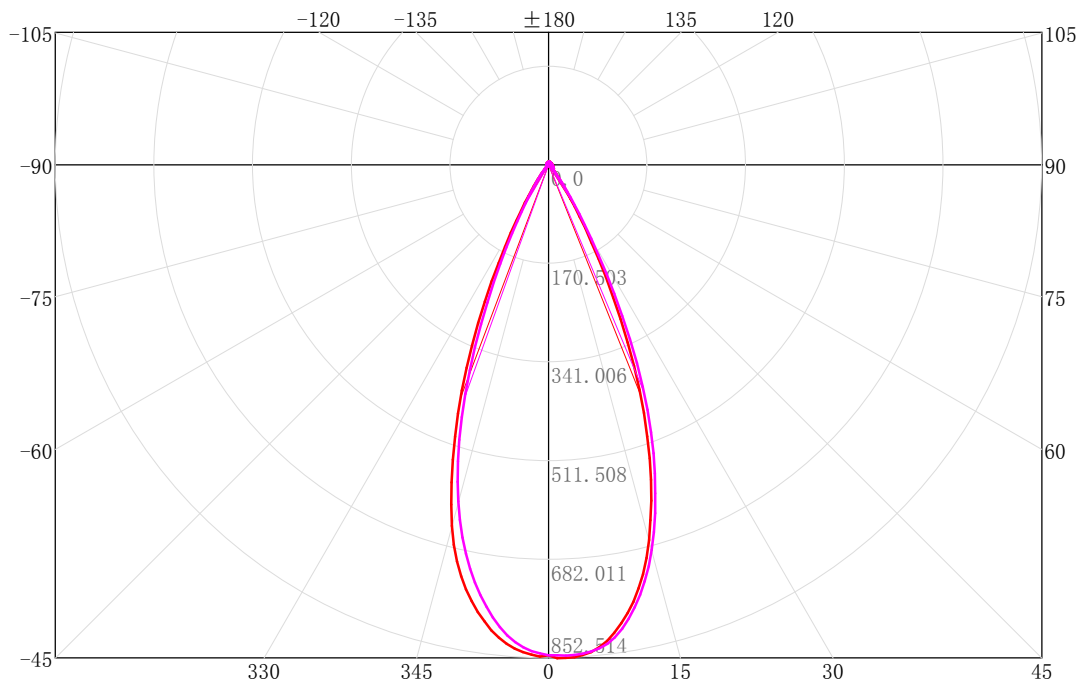
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## 2D Plane Light Intensity Distribution Curve

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/07/16

C Plane Distribution Diagram



	C Plane	[50%MaxAng. ]	[10%MaxAng. ]	Unit:cd
—	C0.0_180.0 :	42.6	63.5	
—	C90.0_270.0 :	42.7	63.4	

# IES Indoor Report

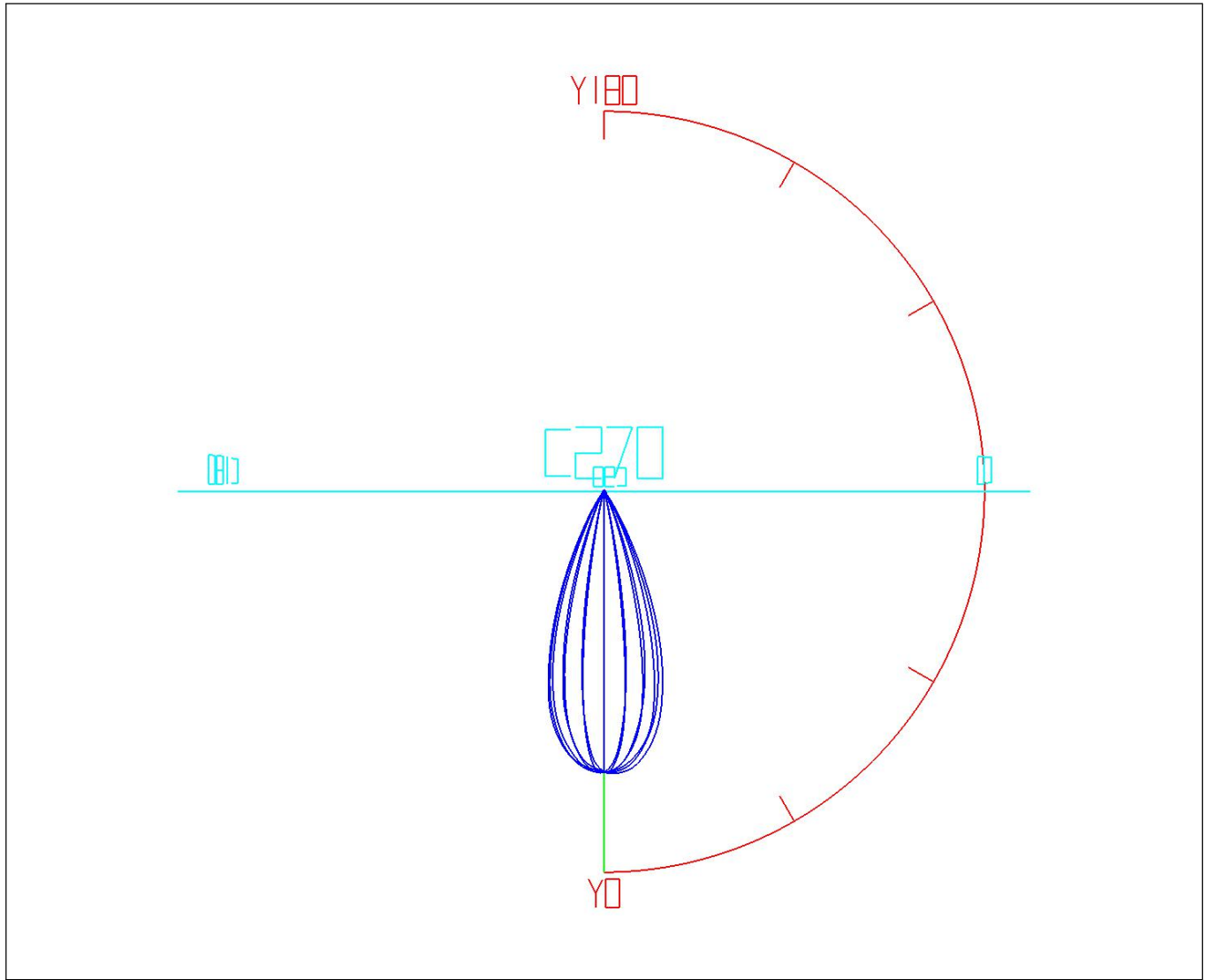
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## 3D Light Intensity Distribution Modal

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/07/16

## 3D Light Intensity Distribution Modal



Curves: 3D Model — 3D Model — Fixture — Fixture — Vert. HUD — Vert. HUD — Hori. HUD — Hori. HUD —  
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

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# IES Indoor Report

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## 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	0.81	0.81	0.17	0.17	47.0-48.0	0.64	420.38	0.14	90.60
1.0-2.0	2.43	3.24	0.52	0.70	48.0-49.0	0.62	421.00	0.13	90.73
2.0-3.0	4.04	7.28	0.87	1.57	49.0-50.0	0.61	421.61	0.13	90.86
3.0-4.0	5.62	12.90	1.21	2.78	50.0-51.0	0.60	422.21	0.13	90.99
4.0-5.0	7.18	20.08	1.55	4.33	51.0-52.0	0.58	422.79	0.13	91.12
5.0-6.0	8.69	28.76	1.87	6.20	52.0-53.0	0.58	423.37	0.12	91.24
6.0-7.0	10.14	38.90	2.18	8.38	53.0-54.0	0.57	423.94	0.12	91.37
7.0-8.0	11.52	50.42	2.48	10.87	54.0-55.0	0.56	424.50	0.12	91.49
8.0-9.0	12.82	63.24	2.76	13.63	55.0-56.0	0.56	425.06	0.12	91.61
9.0-10.0	14.03	77.27	3.02	16.65	56.0-57.0	0.55	425.60	0.12	91.72
10.0-11.0	15.14	92.41	3.26	19.92	57.0-58.0	0.54	426.14	0.12	91.84
11.0-12.0	16.14	108.55	3.48	23.39	58.0-59.0	0.53	426.68	0.11	91.96
12.0-13.0	17.01	125.56	3.67	27.06	59.0-60.0	0.53	427.20	0.11	92.07
13.0-14.0	17.73	143.28	3.82	30.88	60.0-61.0	0.53	427.73	0.11	92.18
14.0-15.0	18.27	161.56	3.94	34.82	61.0-62.0	0.52	428.25	0.11	92.30
15.0-16.0	18.63	180.18	4.01	38.83	62.0-63.0	0.52	428.77	0.11	92.41
16.0-17.0	18.79	198.98	4.05	42.88	63.0-64.0	0.51	429.28	0.11	92.52
17.0-18.0	18.77	217.75	4.05	46.93	64.0-65.0	0.50	429.78	0.11	92.63
18.0-19.0	18.56	236.31	4.00	50.93	65.0-66.0	0.49	430.27	0.11	92.73
19.0-20.0	18.16	254.47	3.91	54.84	66.0-67.0	0.48	430.75	0.10	92.83
20.0-21.0	17.58	272.05	3.79	58.63	67.0-68.0	0.48	431.23	0.10	92.94
21.0-22.0	16.81	288.85	3.62	62.25	68.0-69.0	0.47	431.70	0.10	93.04
22.0-23.0	15.86	304.71	3.42	65.67	69.0-70.0	0.47	432.17	0.10	93.14
23.0-24.0	14.76	319.48	3.18	68.85	70.0-71.0	0.46	432.63	0.10	93.24
24.0-25.0	13.54	333.01	2.92	71.77	71.0-72.0	0.46	433.09	0.10	93.34
25.0-26.0	12.22	345.24	2.63	74.40	72.0-73.0	0.45	433.54	0.10	93.44
26.0-27.0	10.88	356.12	2.34	76.75	73.0-74.0	0.45	433.99	0.10	93.53
27.0-28.0	9.55	365.67	2.06	78.81	74.0-75.0	0.45	434.44	0.10	93.63
28.0-29.0	8.29	373.96	1.79	80.60	75.0-76.0	0.45	434.89	0.10	93.73
29.0-30.0	7.13	381.09	1.54	82.13	76.0-77.0	0.44	435.33	0.10	93.82
30.0-31.0	6.09	387.18	1.31	83.44	77.0-78.0	0.44	435.77	0.10	93.92
31.0-32.0	5.18	392.36	1.12	84.56	78.0-79.0	0.44	436.21	0.10	94.01
32.0-33.0	4.41	396.77	0.95	85.51	79.0-80.0	0.44	436.65	0.09	94.11
33.0-34.0	3.75	400.51	0.81	86.32	80.0-81.0	0.44	437.09	0.09	94.20
34.0-35.0	3.19	403.70	0.69	87.01	81.0-82.0	0.44	437.53	0.09	94.30
35.0-36.0	2.71	406.41	0.58	87.59	82.0-83.0	0.43	437.96	0.09	94.39
36.0-37.0	2.29	408.70	0.49	88.08	83.0-84.0	0.43	438.39	0.09	94.48
37.0-38.0	1.92	410.62	0.41	88.50	84.0-85.0	0.43	438.82	0.09	94.57
38.0-39.0	1.60	412.22	0.35	88.84	85.0-86.0	0.43	439.25	0.09	94.67
39.0-40.0	1.36	413.58	0.29	89.13	86.0-87.0	0.43	439.68	0.09	94.76
40.0-41.0	1.17	414.75	0.25	89.39	87.0-88.0	0.43	440.11	0.09	94.85
41.0-42.0	1.04	415.79	0.22	89.61	88.0-89.0	0.43	440.54	0.09	94.94
42.0-43.0	0.94	416.74	0.20	89.81	89.0-90.0	0.43	440.96	0.09	95.04
43.0-44.0	0.85	417.59	0.18	90.00	90.0-91.0	0.42	441.38	0.09	95.13
44.0-45.0	0.78	418.36	0.17	90.16	91.0-92.0	0.42	441.80	0.09	95.22
45.0-46.0	0.71	419.08	0.15	90.32	92.0-93.0	0.42	442.22	0.09	95.31
46.0-47.0	0.67	419.74	0.14	90.46	93.0-94.0	0.42	442.64	0.09	95.40

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## Zonal Flux Tabulation - (Cont.)

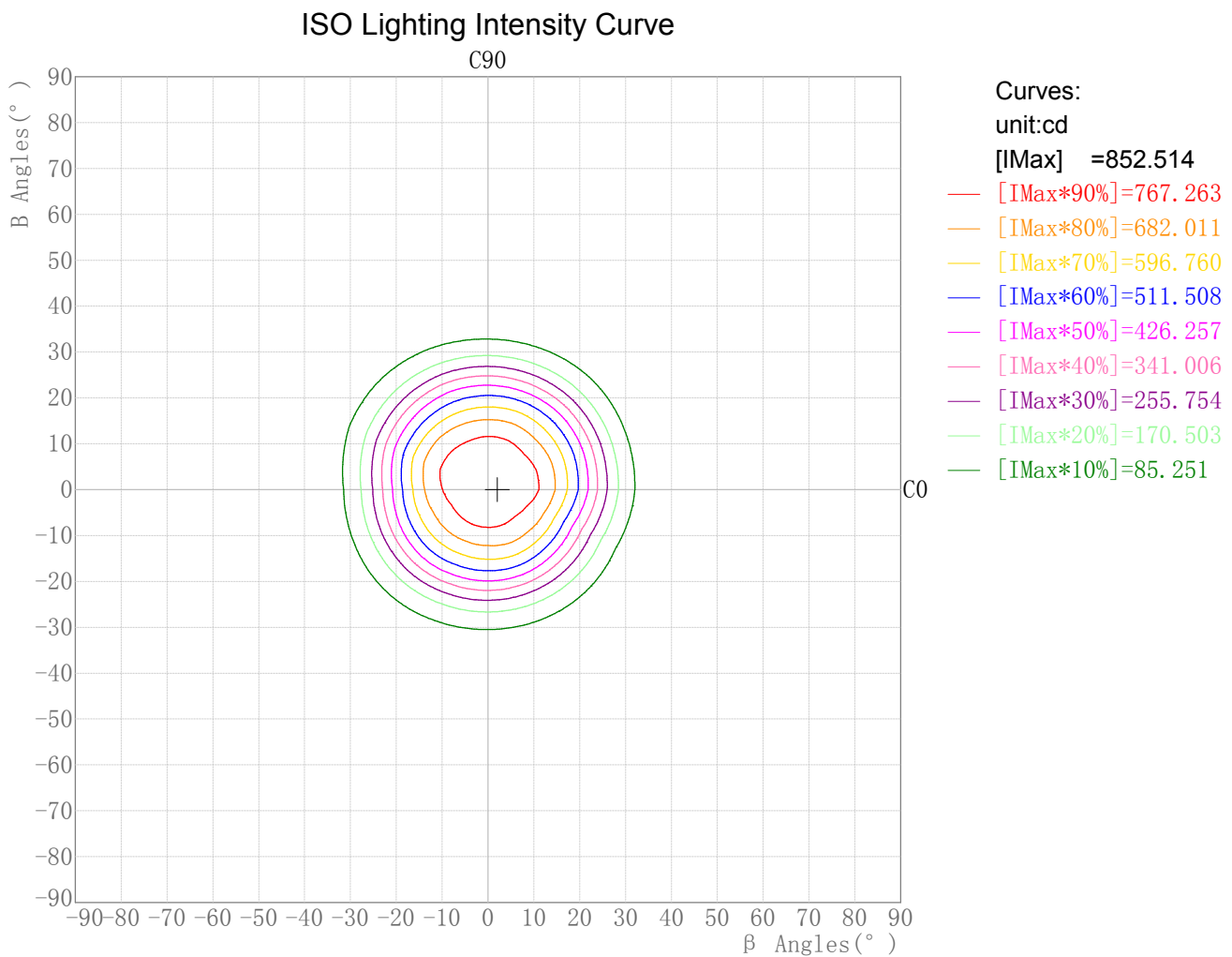
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.41	443.05	0.09	95.48	141.0-142.0	0.26	459.18	0.06	98.96
95.0-96.0	0.41	443.45	0.09	95.57	142.0-143.0	0.26	459.43	0.06	99.02
96.0-97.0	0.41	443.86	0.09	95.66	143.0-144.0	0.25	459.68	0.05	99.07
97.0-98.0	0.41	444.27	0.09	95.75	144.0-145.0	0.25	459.93	0.05	99.12
98.0-99.0	0.41	444.68	0.09	95.84	145.0-146.0	0.24	460.17	0.05	99.17
99.0-100.0	0.40	445.08	0.09	95.92	146.0-147.0	0.24	460.41	0.05	99.23
100.0-101.0	0.40	445.48	0.09	96.01	147.0-148.0	0.24	460.65	0.05	99.28
101.0-102.0	0.40	445.88	0.09	96.09	148.0-149.0	0.23	460.88	0.05	99.33
102.0-103.0	0.40	446.28	0.09	96.18	149.0-150.0	0.23	461.11	0.05	99.38
103.0-104.0	0.40	446.68	0.09	96.27	150.0-151.0	0.22	461.34	0.05	99.43
104.0-105.0	0.39	447.07	0.08	96.35	151.0-152.0	0.22	461.56	0.05	99.47
105.0-106.0	0.39	447.46	0.08	96.44	152.0-153.0	0.22	461.77	0.05	99.52
106.0-107.0	0.39	447.84	0.08	96.52	153.0-154.0	0.21	461.98	0.04	99.56
107.0-108.0	0.38	448.23	0.08	96.60	154.0-155.0	0.20	462.18	0.04	99.61
108.0-109.0	0.38	448.60	0.08	96.68	155.0-156.0	0.20	462.38	0.04	99.65
109.0-110.0	0.37	448.98	0.08	96.76	156.0-157.0	0.19	462.57	0.04	99.69
110.0-111.0	0.37	449.35	0.08	96.84	157.0-158.0	0.18	462.75	0.04	99.73
111.0-112.0	0.37	449.72	0.08	96.92	158.0-159.0	0.18	462.92	0.04	99.77
112.0-113.0	0.37	450.09	0.08	97.00	159.0-160.0	0.17	463.09	0.04	99.80
113.0-114.0	0.36	450.45	0.08	97.08	160.0-161.0	0.16	463.25	0.03	99.84
114.0-115.0	0.36	450.82	0.08	97.16	161.0-162.0	0.15	463.41	0.03	99.87
115.0-116.0	0.36	451.18	0.08	97.24	162.0-163.0	0.15	463.56	0.03	99.90
116.0-117.0	0.36	451.54	0.08	97.31	163.0-164.0	0.14	463.70	0.03	99.93
117.0-118.0	0.35	451.89	0.08	97.39	164.0-165.0	0.13	463.83	0.03	99.96
118.0-119.0	0.35	452.24	0.08	97.47	165.0-166.0	0.12	463.95	0.03	99.99
119.0-120.0	0.34	452.58	0.07	97.54	166.0-167.0	0.12	464.07	0.03	100.01
120.0-121.0	0.34	452.92	0.07	97.61	167.0-168.0	0.11	464.18	0.02	100.04
121.0-122.0	0.33	453.25	0.07	97.68	168.0-169.0	0.10	464.28	0.02	100.06
122.0-123.0	0.33	453.58	0.07	97.75	169.0-170.0	0.09	464.37	0.02	100.08
123.0-124.0	0.33	453.91	0.07	97.82	170.0-171.0	0.08	464.46	0.02	100.10
124.0-125.0	0.33	454.23	0.07	97.89	171.0-172.0	0.08	464.53	0.02	100.11
125.0-126.0	0.32	454.55	0.07	97.96	172.0-173.0	0.07	464.60	0.01	100.13
126.0-127.0	0.32	454.87	0.07	98.03	173.0-174.0	0.06	464.66	0.01	100.14
127.0-128.0	0.31	455.18	0.07	98.10	174.0-175.0	0.05	464.71	0.01	100.15
128.0-129.0	0.31	455.50	0.07	98.17	175.0-176.0	0.04	464.75	0.01	100.16
129.0-130.0	0.31	455.80	0.07	98.23	176.0-177.0	0.03	464.78	0.01	100.17
130.0-131.0	0.30	456.11	0.07	98.30	177.0-178.0	0.02	464.81	0.00	100.17
131.0-132.0	0.30	456.40	0.06	98.36	178.0-179.0	0.01	464.82	0.00	100.18
132.0-133.0	0.29	456.70	0.06	98.43	179.0-180.0	0.00	464.82	0.00	100.18
133.0-134.0	0.29	456.99	0.06	98.49					
134.0-135.0	0.29	457.28	0.06	98.55					
135.0-136.0	0.29	457.56	0.06	98.61					
136.0-137.0	0.28	457.85	0.06	98.67					
137.0-138.0	0.27	458.12	0.06	98.73					
138.0-139.0	0.27	458.39	0.06	98.79					
139.0-140.0	0.27	458.65	0.06	98.85					
140.0-141.0	0.26	458.92	0.06	98.90					

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## Rectangle ISO Lighting Intensity Diagram

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/07/16



Maximum Light Intensity(cd): 852.51

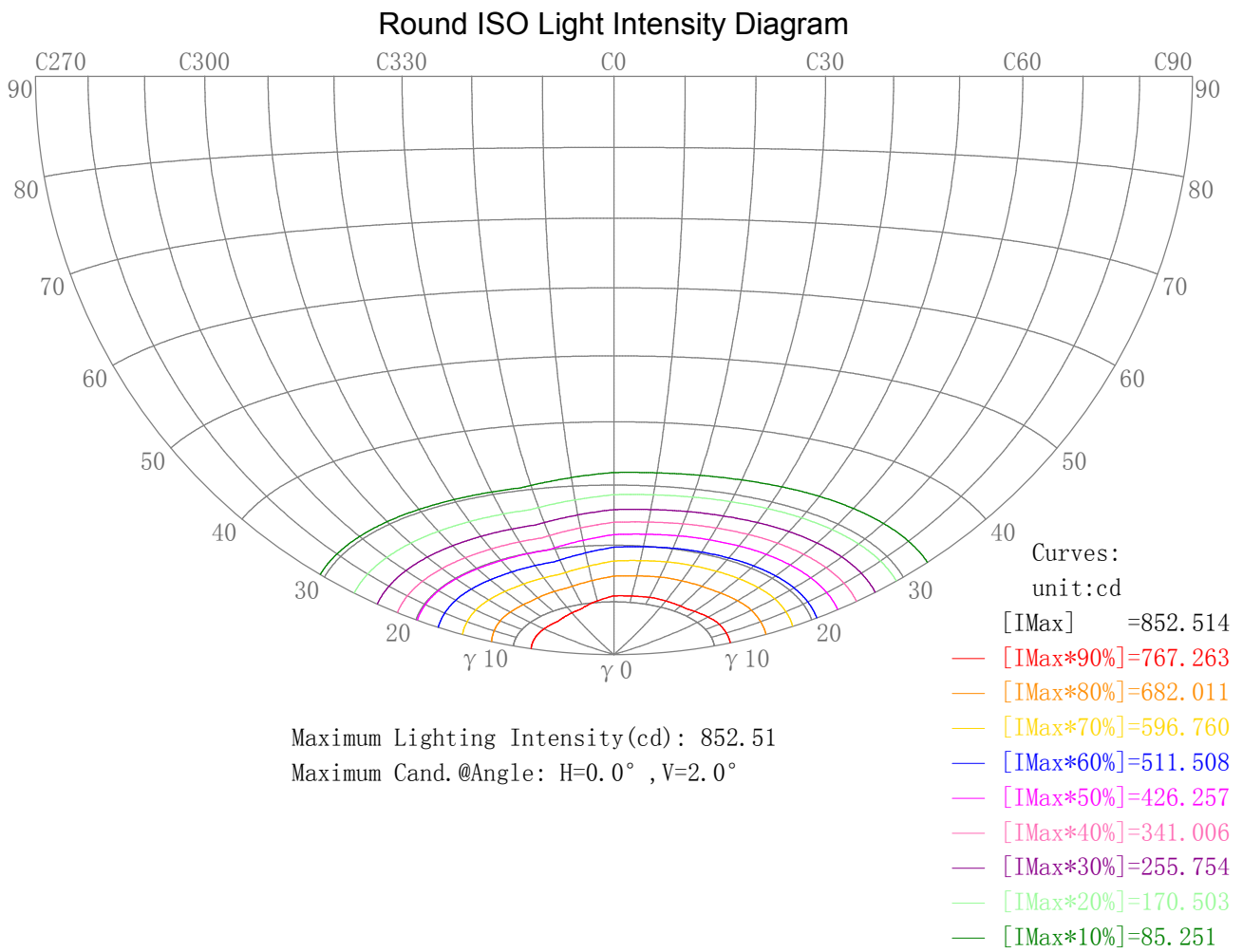
Maximum Cand.@Angle: H=2.0°,V=0.0°

# IES Indoor Report

Photometric Filename:AW12540 6W 1202C9 3090 ZHT35-36D 150.IES

## Round ISO Lighting Intensity Diagram

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2023/07/16



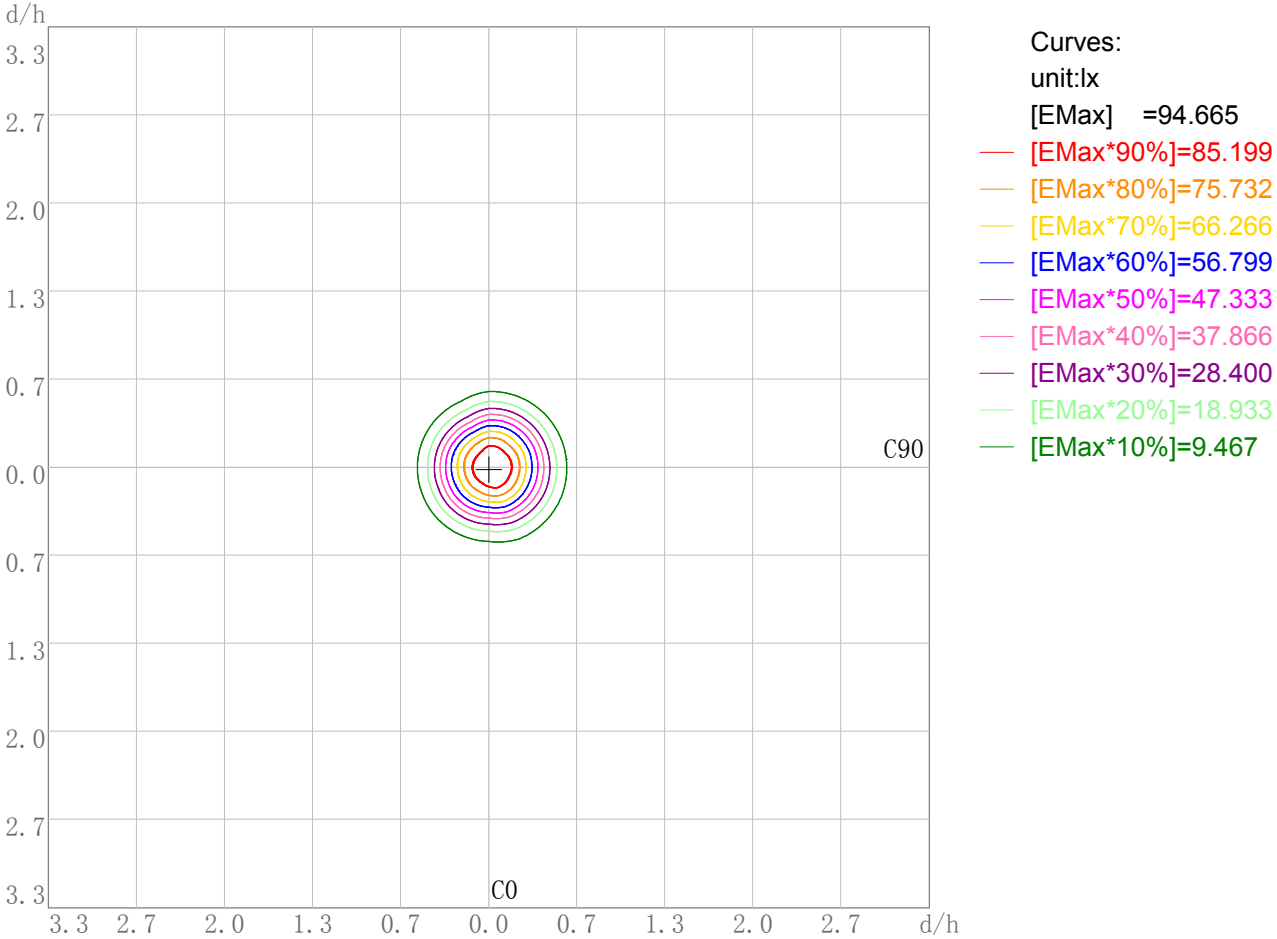
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## Plane ISO-Illuminance Diagram

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2023/07/16

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 94.67  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0



**IES Indoor Report**

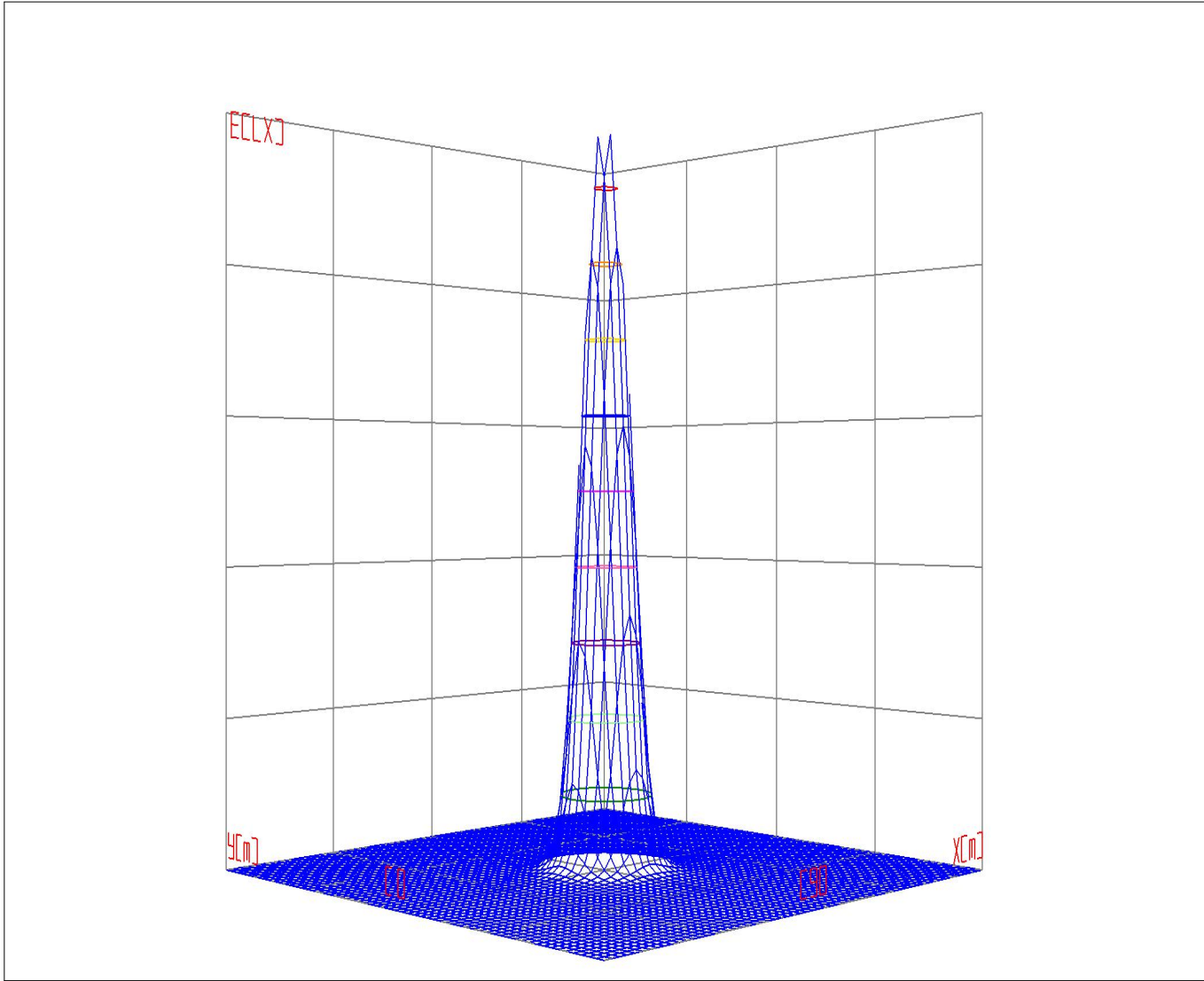
**Photometric Filename:AW12540 6W 1202C9 3090 ZHT35-36D 150.IES**

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**3D Plane ISO Illuminance Diagram**

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/07/16

**3D Plane Illuminance Modal**



Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0    Height(m): 3.0    Distance(m): 10.0

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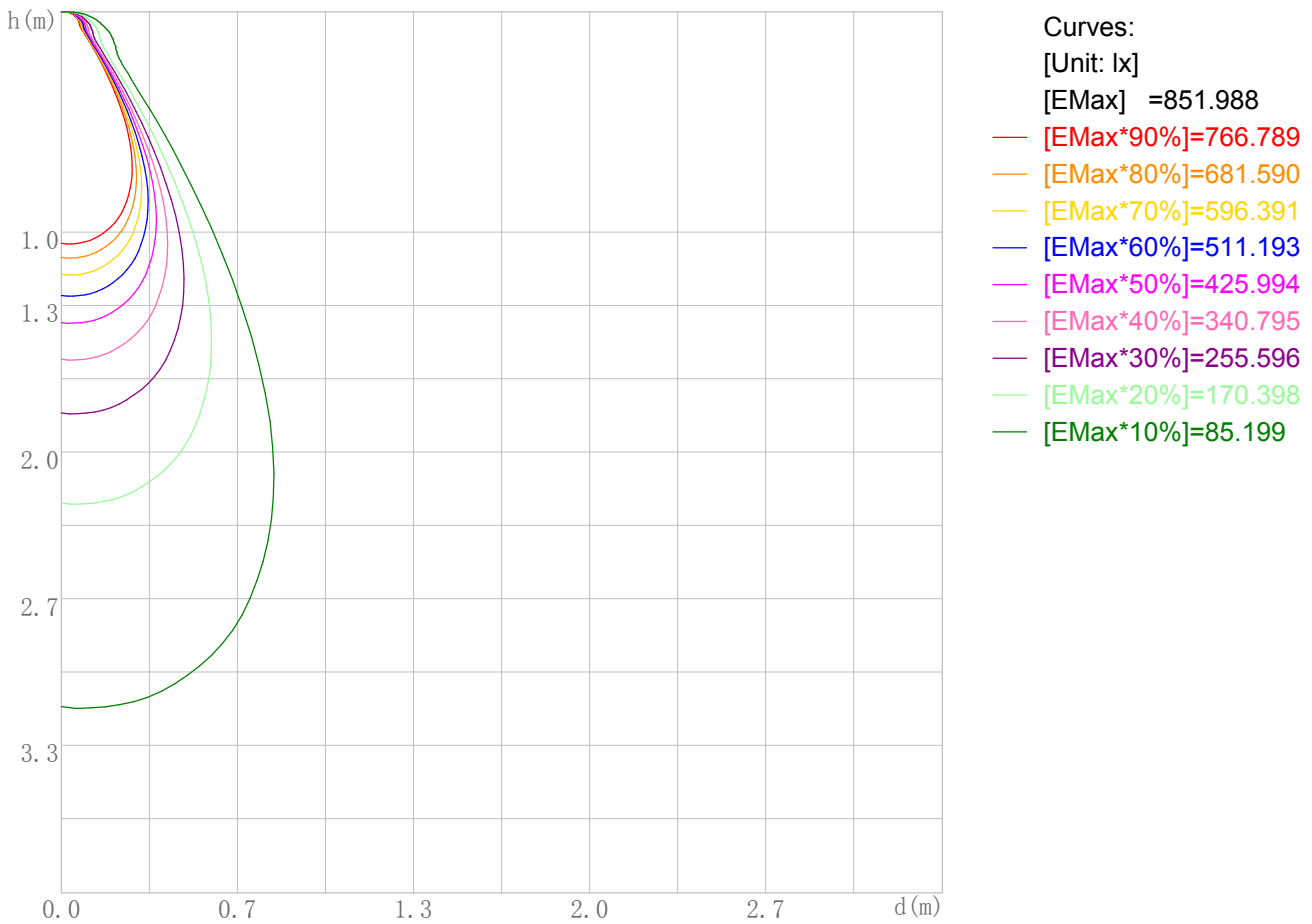
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## Space ISO Illuminance Diagram

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2023/07/16

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:851.99lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:852.514cd,0deg

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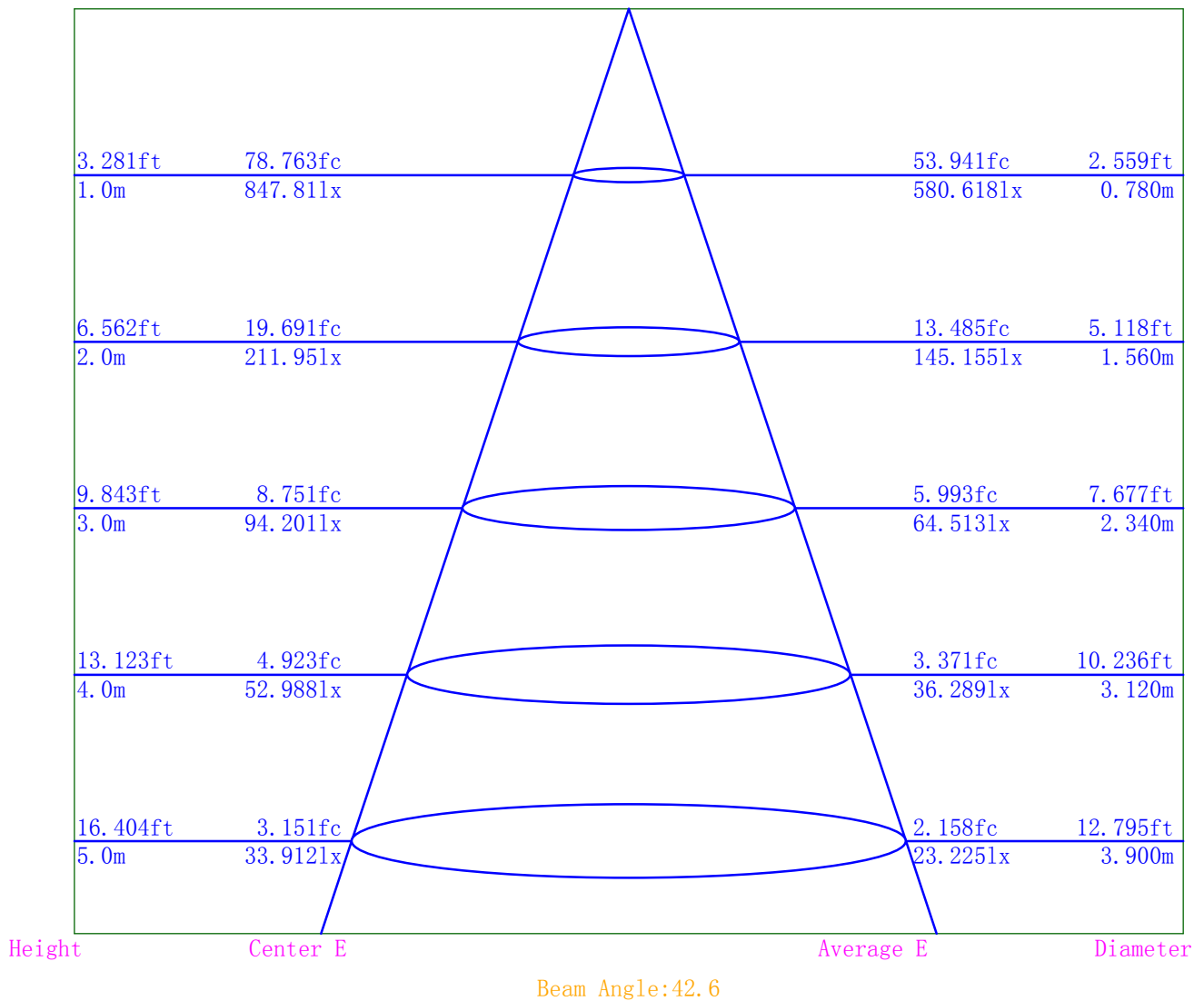
# IES Indoor Report

Photometric Filename:AW12540 6W 1202C9 3090 ZHT35-36D 150.IES

## Illuminance-Distance Diagram

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/07/16

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename:AW12540 6W 1202C9 3090 ZHT35-36D 150.IES

## Indoor Luminance Limiting Curves

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/07/16

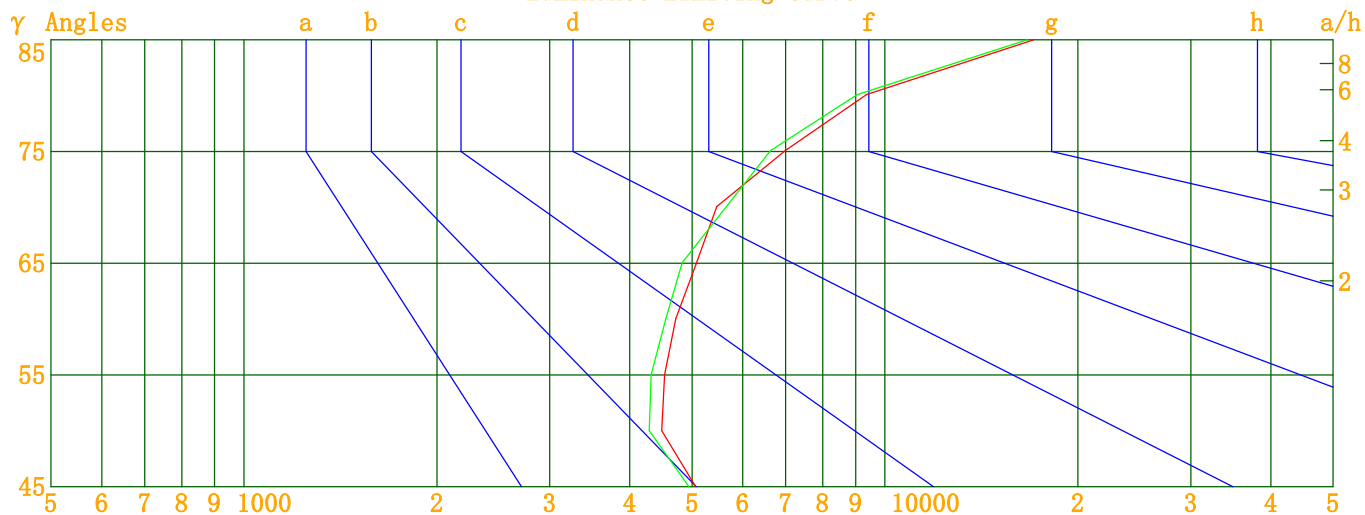
Glare Grade Table

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	5065	4483	4533	4715	5083	5465	6992	9362	17064
C90	4946	4288	4318	4555	4830	5659	6629	9056	16681

Luminance Limiting Curve



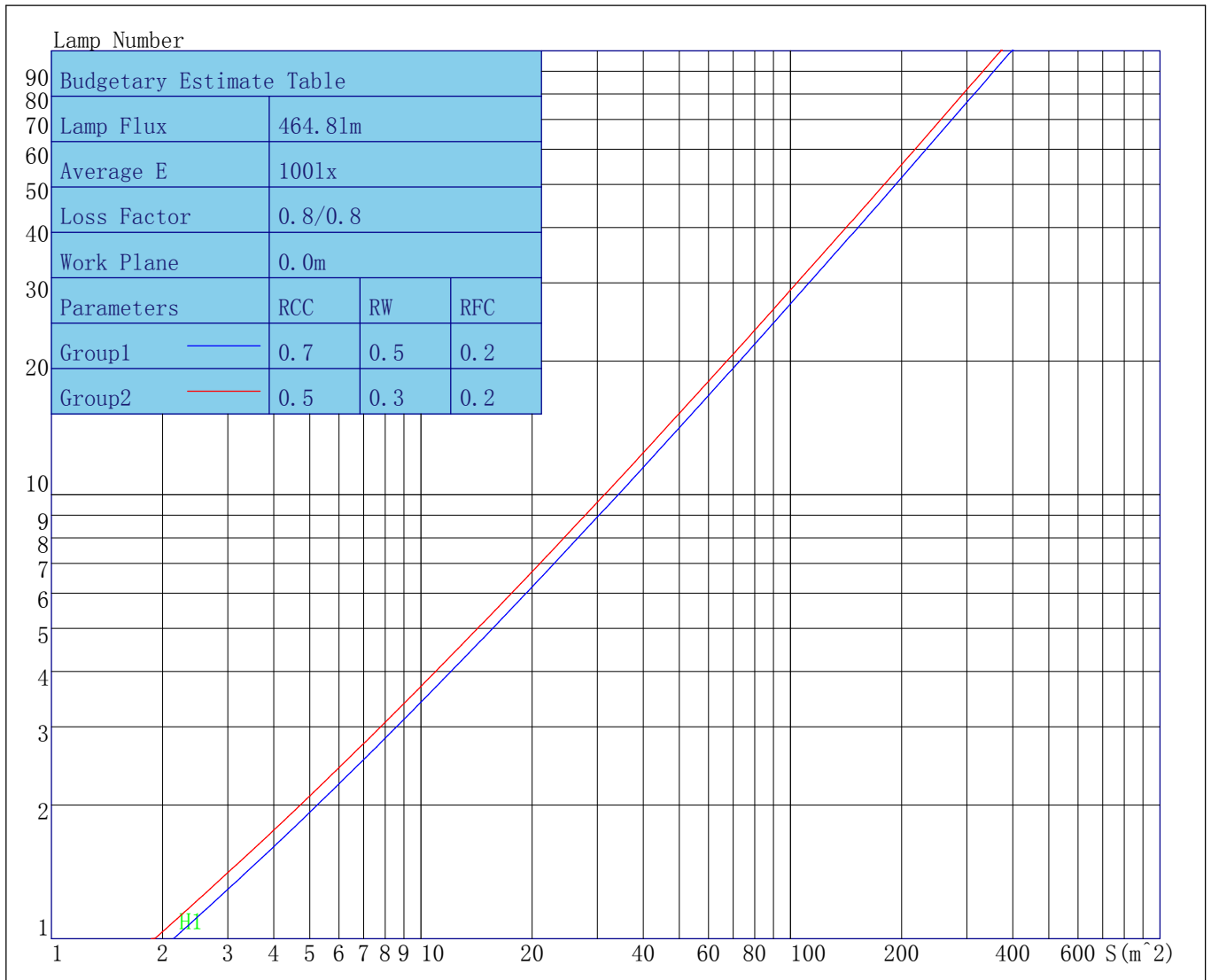
Luminous Size: Length(m)=-0.066 Width(m)=-0.066 Height(m)=0.000 Area(m^2)=0.003421  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: ——— C90-C270 Color: ———

# IES Indoor Report

Photometric Filename:AW12540 6W 1202C9 3090 ZHT35-36D 150.IES

## Indoor Budgetary Estimate Table

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/07/16



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:AW12540 6W 1202C9 3090 ZHT35-36D 150.IES

## Indoor Coefficient of Utilization Table

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/07/16

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	108	108	108	103	103	103	97	97	97	95
1	112	110	107	105	109	107	105	103	102	100	99	97	96	95	93	92	91	89
2	107	103	99	95	105	100	97	94	96	93	91	93	90	88	89	87	86	84
3	102	96	92	88	100	95	90	87	91	88	85	88	85	83	85	83	81	79
4	98	91	86	82	96	90	85	81	87	83	80	84	81	78	82	79	77	75
5	94	86	81	77	92	85	80	76	83	78	75	81	77	74	79	76	73	72
6	90	82	77	73	88	81	76	72	79	75	71	77	73	70	75	72	70	68
7	86	78	73	69	85	77	72	68	75	71	68	74	70	67	72	69	66	65
8	83	74	69	65	82	74	69	65	72	68	65	71	67	64	70	66	63	62
9	80	71	66	62	78	71	66	62	69	65	62	68	64	61	67	63	61	60
10	77	68	63	60	76	68	63	59	66	62	59	65	61	59	64	61	58	57

# IES Indoor Report

Photometric Filename:AW12540 6W 1202C9 3090 ZHT35-36D 150.IES

## Unified Glare Rating Table

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/07/16

## 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	11.6	12.5	12.1	13.0	13.4	12.9	13.8	13.4	14.2	14.7
	Y=3H	13.0	13.8	13.5	14.3	14.8	14.1	15.0	14.6	15.4	15.9
	Y=4H	14.1	14.8	14.6	15.3	15.8	15.0	15.8	15.5	16.2	16.8
	Y=6H	15.5	16.2	16.0	16.6	17.2	16.2	16.9	16.7	17.4	17.9
	Y=8H	16.3	17.0	16.9	17.5	18.0	16.9	17.6	17.4	18.1	18.6
	Y=12H	17.4	18.0	17.9	18.5	19.0	17.8	18.4	18.3	18.9	19.5
X=4H	Y=2H	11.8	12.6	12.3	13.0	13.6	13.2	14.0	13.7	14.4	14.9
	Y=3H	13.5	14.1	14.0	14.6	15.2	14.8	15.4	15.3	15.9	16.4
	Y=4H	14.7	15.3	15.3	15.8	16.4	15.9	16.4	16.4	17.0	17.5
	Y=6H	16.4	16.9	17.0	17.4	18.0	17.3	17.8	17.9	18.3	18.9
	Y=8H	17.4	17.9	18.0	18.4	19.0	18.2	18.6	18.7	19.2	19.8
	Y=12H	18.6	19.0	19.2	19.6	20.2	19.2	19.6	19.8	20.2	20.8
X=8H	Y=4H	15.1	15.6	15.7	16.1	16.7	16.4	16.8	16.9	17.3	17.9
	Y=6H	17.0	17.4	17.6	18.0	18.6	18.1	18.4	18.7	19.0	19.7
	Y=8H	18.2	18.5	18.8	19.1	19.7	19.1	19.4	19.7	20.0	20.7
	Y=12H	19.6	19.9	20.2	20.5	21.2	20.4	20.7	21.0	21.3	22.0
X=12H	Y=4H	15.2	15.6	15.8	16.2	16.8	16.5	16.9	17.0	17.4	18.0
	Y=6H	17.2	17.6	17.9	18.1	18.8	18.3	18.6	18.9	19.2	19.9
	Y=8H	18.5	18.8	19.1	19.4	20.1	19.5	19.7	20.1	20.3	21.0
Variations with the objverer position at spacings											
S=1.0H	0.1/-0.1					0.1/-0.1					
S=1.5H	0.1/-0.2					0.1/-0.1					
S=2.0H	0.2/-0.5					0.1/-0.1					
Reduced UGR Table:											
Nordic Standard Table:	BKO					BKO					
Correction Value	4.8					4.6					

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

# IES Indoor Report

Photometric Filename:AW12540 6W 1202C9 3090 ZHT35-36D 150.IES

## Candela Tabulation

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
$\gamma$ 0.0	847.81	847.81	847.81	847.81	847.81	847.81	847.81	847.81	847.81	847.81	847.81	847.81
$\gamma$ 1.0	852.38	851.17	850.28	849.21	847.88	847.23	846.50	845.85	850.03	847.55	846.79	845.27
$\gamma$ 2.0	852.51	851.93	850.93	850.04	848.52	847.38	846.28	845.06	847.09	843.47	842.53	841.70
$\gamma$ 3.0	851.91	851.84	850.93	849.56	848.13	846.94	845.47	843.65	843.40	837.71	836.46	836.07
$\gamma$ 4.0	849.30	850.39	848.98	848.23	846.78	845.66	844.03	841.39	837.95	829.71	827.68	828.00
$\gamma$ 5.0	845.34	846.53	844.87	845.07	844.20	842.95	841.60	838.17	830.88	819.33	816.60	817.35
$\gamma$ 6.0	838.54	840.13	838.00	839.97	840.15	837.55	836.74	833.63	821.64	806.55	803.45	803.91
$\gamma$ 7.0	828.94	831.11	828.46	832.61	833.81	829.55	829.64	826.85	810.42	792.51	788.80	788.76
$\gamma$ 8.0	816.62	819.19	815.83	822.42	824.32	819.33	819.30	817.49	796.84	777.14	773.18	772.04
$\gamma$ 9.0	801.97	805.28	800.98	809.51	811.86	805.87	806.69	805.12	782.32	760.76	756.49	753.99
$\gamma$ 10.0	786.58	789.80	784.81	794.42	796.71	790.25	792.13	790.34	765.60	743.17	738.15	733.70
$\gamma$ 11.0	769.05	772.94	767.45	777.55	779.07	773.90	775.88	773.00	747.16	723.74	718.37	711.59
$\gamma$ 12.0	748.43	754.65	748.55	759.11	759.68	755.94	758.59	754.07	726.95	702.58	695.51	687.15
$\gamma$ 13.0	725.98	734.36	728.48	738.50	738.65	736.98	739.89	733.71	703.51	679.09	670.75	660.93
$\gamma$ 14.0	700.33	710.96	706.72	716.30	715.20	715.41	719.08	711.33	676.85	653.08	643.49	632.60
$\gamma$ 15.0	671.02	683.78	682.28	691.38	688.96	690.16	694.79	686.04	645.81	624.35	614.38	602.55
$\gamma$ 16.0	638.93	654.25	655.13	663.45	660.16	661.01	665.07	656.75	610.58	593.11	583.68	570.80
$\gamma$ 17.0	606.60	622.46	626.00	633.25	629.20	629.70	631.22	623.36	573.88	559.84	551.91	537.57
$\gamma$ 18.0	572.36	589.15	594.90	601.17	597.01	596.46	595.33	587.19	535.76	524.85	518.22	502.45
$\gamma$ 19.0	536.50	554.71	562.24	567.52	564.18	563.04	559.23	549.92	496.68	488.60	482.17	464.84
$\gamma$ 20.0	498.98	518.20	526.92	531.90	530.36	528.97	522.20	511.39	457.28	450.66	443.63	425.31
$\gamma$ 21.0	459.53	479.70	489.19	493.80	494.67	494.08	484.85	472.27	417.97	411.63	403.18	384.95
$\gamma$ 22.0	418.95	439.07	449.38	453.37	456.63	457.52	446.71	432.67	378.20	371.59	361.44	343.67
$\gamma$ 23.0	377.55	397.25	408.14	411.65	416.71	419.10	408.04	392.59	338.81	330.98	319.51	303.14
$\gamma$ 24.0	335.96	354.91	365.64	369.36	375.01	378.49	367.66	351.99	299.10	290.57	279.15	263.76
$\gamma$ 25.0	294.42	312.44	322.73	326.80	332.27	337.02	326.68	312.20	260.65	251.41	240.70	226.85
$\gamma$ 26.0	255.32	270.66	280.71	285.22	290.26	294.92	285.64	273.10	224.21	214.84	205.00	192.70
$\gamma$ 27.0	217.60	231.02	240.32	245.58	249.77	253.66	246.36	236.10	190.44	181.72	172.96	162.54
$\gamma$ 28.0	183.69	195.12	203.16	207.62	211.67	215.27	209.96	202.01	160.56	152.40	145.03	136.31
$\gamma$ 29.0	153.46	162.60	169.51	173.39	177.32	180.30	177.08	170.77	134.32	127.23	121.31	113.97
$\gamma$ 30.0	126.78	133.98	139.89	143.18	147.08	149.77	147.65	143.33	111.66	106.20	101.52	95.11
$\gamma$ 31.0	104.60	109.74	114.97	117.90	121.21	123.85	123.07	120.13	92.82	88.39	84.44	79.03
$\gamma$ 32.0	85.61	89.71	94.06	96.78	99.72	102.25	102.62	100.71	77.18	73.59	70.44	65.98
$\gamma$ 33.0	70.29	73.49	77.13	79.10	82.15	84.77	85.64	84.54	64.39	61.45	59.04	55.28
$\gamma$ 34.0	58.24	60.41	63.21	64.70	67.84	70.00	71.31	70.91	53.80	51.35	49.44	46.28
$\gamma$ 35.0	48.29	49.66	51.70	53.36	56.07	57.75	59.65	59.39	44.58	43.00	41.52	39.04
$\gamma$ 36.0	40.24	40.76	42.21	43.68	45.85	47.86	49.43	49.86	36.90	35.78	34.61	32.68
$\gamma$ 37.0	33.36	33.47	34.32	35.23	37.30	38.85	41.03	41.59	30.26	29.32	28.97	27.11
$\gamma$ 38.0	27.57	27.34	27.88	28.07	30.25	31.56	33.59	34.42	24.60	24.08	23.72	22.18
$\gamma$ 39.0	23.11	22.59	22.69	23.22	24.64	25.57	27.28	28.56	19.98	19.78	19.23	18.35
$\gamma$ 40.0	20.29	19.42	19.17	19.57	20.70	21.34	22.58	23.57	16.25	16.19	15.85	15.14
$\gamma$ 41.0	18.12	17.16	17.02	17.38	17.81	18.51	19.21	20.04	13.76	13.25	13.07	12.66
$\gamma$ 42.0	16.33	15.41	15.43	15.79	15.89	16.39	17.16	17.55	11.77	11.49	11.33	11.01
$\gamma$ 43.0	14.45	13.87	14.11	14.26	14.52	14.99	15.64	15.65	10.39	10.03	9.89	9.66
$\gamma$ 44.0	13.02	12.82	12.78	12.85	13.03	13.34	13.88	14.32	9.12	8.51	8.71	8.46
$\gamma$ 45.0	12.25	11.77	11.68	11.85	11.97	12.06	12.45	12.91	7.89	7.40	7.54	7.32
$\gamma$ 46.0	11.32	10.97	11.14	10.88	11.19	11.06	11.35	11.78	6.87	6.65	6.55	6.37



# IES Indoor Report

Photometric Filename:AW12540 6W 1202C9 3090 ZHT35-36D 150.IES

## Candela Tabulation - (Cont.)

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
γ 47.0	10.68	10.46	10.42	10.27	10.41	10.37	10.72	10.79	6.30	5.94	6.03	5.74
γ 48.0	10.23	10.22	10.18	9.93	10.02	9.71	10.12	10.29	5.75	5.55	5.53	5.46
γ 49.0	10.10	9.99	9.81	9.75	9.70	9.63	9.73	9.88	5.31	5.13	5.10	5.13
γ 50.0	9.86	9.65	9.66	9.58	9.43	9.30	9.48	9.48	5.11	4.95	4.97	5.01
γ 51.0	9.39	9.41	9.20	9.37	9.08	9.16	9.07	9.27	4.99	4.69	4.74	4.82
γ 52.0	9.40	9.16	9.02	9.13	8.91	8.87	8.94	8.98	4.93	4.65	4.34	4.71
γ 53.0	9.43	8.91	9.24	8.85	8.89	8.97	8.94	8.68	4.65	4.51	3.83	4.37
γ 54.0	9.00	8.70	8.94	8.64	8.58	8.54	8.52	8.12	4.35	4.32	4.09	4.22
γ 55.0	8.90	8.53	8.76	8.40	8.47	8.56	8.38	7.93	4.23	4.09	4.09	4.13
γ 56.0	8.67	8.25	8.65	8.23	8.40	8.20	8.43	7.76	4.27	3.99	3.91	3.99
γ 57.0	8.52	8.06	8.41	8.12	8.19	7.89	8.21	7.48	4.01	3.74	3.67	3.64
γ 58.0	8.52	7.84	8.50	7.96	8.19	7.76	7.80	7.39	3.47	3.51	3.64	3.82
γ 59.0	8.29	7.84	8.20	7.98	8.05	7.85	7.51	7.39	3.57	3.38	3.33	3.72
γ 60.0	8.07	7.64	7.83	7.66	7.79	7.74	7.50	7.21	3.70	3.54	3.39	3.65
γ 61.0	8.00	7.52	7.74	7.61	7.66	7.83	7.33	7.32	3.54	3.43	3.50	3.50
γ 62.0	8.02	7.35	7.66	7.37	7.51	7.57	7.26	7.27	3.24	3.23	3.44	3.28
γ 63.0	7.69	7.30	7.49	7.48	7.40	7.39	7.09	7.16	3.29	3.12	3.18	3.14
γ 64.0	7.59	7.10	7.37	7.31	7.17	7.15	7.10	7.12	3.19	3.15	3.11	3.27
γ 65.0	7.35	6.95	7.30	6.99	6.98	6.84	6.90	6.98	2.98	3.31	2.98	3.17
γ 66.0	7.00	6.68	7.00	6.75	7.01	6.70	6.76	6.37	3.07	3.17	3.04	3.20
γ 67.0	6.91	6.45	6.82	6.50	6.90	6.55	6.68	6.26	2.83	3.20	3.01	2.94
γ 68.0	6.90	6.30	6.71	6.34	6.66	6.58	6.45	6.25	3.00	3.06	2.87	2.92
γ 69.0	6.54	6.22	6.64	6.19	6.64	6.30	6.22	6.03	2.91	2.95	2.81	3.04
γ 70.0	6.39	6.11	6.51	6.13	6.62	6.07	6.13	5.93	3.09	3.04	2.70	2.79
γ 71.0	6.52	5.99	6.23	6.07	6.28	5.88	6.09	6.06	3.27	3.20	2.82	2.78
γ 72.0	6.27	5.92	6.08	5.80	5.98	5.94	5.75	5.71	2.98	3.01	2.88	2.75
γ 73.0	6.09	5.95	6.16	5.57	6.06	5.61	6.03	5.46	2.97	2.99	3.18	2.82
γ 74.0	6.14	5.85	6.02	5.72	5.95	5.57	5.64	5.28	2.94	3.06	2.80	2.78
γ 75.0	6.19	5.60	5.96	5.71	5.87	5.35	5.75	5.10	2.97	3.13	2.83	2.88
γ 76.0	5.95	5.57	5.66	5.28	5.76	5.37	5.64	5.19	3.22	2.85	2.86	2.97
γ 77.0	5.69	5.58	5.78	5.30	5.61	5.37	5.32	5.24	2.91	2.85	2.85	2.94
γ 78.0	5.79	5.68	5.70	5.42	5.61	5.22	5.61	4.97	3.01	2.84	2.72	3.15
γ 79.0	5.47	5.58	5.67	5.22	5.34	4.91	5.49	4.90	3.01	2.59	2.97	2.89
γ 80.0	5.56	5.31	5.75	5.20	5.38	5.19	5.58	4.65	3.02	2.78	2.88	2.84
γ 81.0	5.41	5.18	5.48	5.04	5.46	4.94	5.30	4.57	3.19	3.13	2.79	2.92
γ 82.0	5.52	5.10	5.16	5.02	5.24	4.70	5.01	4.70	2.93	3.41	3.12	2.96
γ 83.0	5.23	5.25	4.92	4.92	5.13	4.70	4.87	4.57	3.09	3.27	3.13	3.04
γ 84.0	5.24	5.11	5.00	4.99	5.12	4.85	5.05	4.46	3.06	3.06	2.98	3.15
γ 85.0	5.09	4.78	5.03	4.78	4.97	4.50	4.70	4.48	3.01	3.43	3.03	3.00
γ 86.0	5.09	4.80	5.25	4.85	4.86	4.39	4.51	4.53	3.15	3.65	3.05	3.19
γ 87.0	4.97	4.86	5.03	4.67	4.91	4.56	4.70	4.44	3.21	3.67	3.18	3.27
γ 88.0	5.13	4.78	4.72	4.60	4.83	4.71	4.63	4.39	3.56	3.43	3.14	3.31
γ 89.0	5.04	4.81	4.84	4.70	4.77	4.44	4.48	4.49	3.43	3.25	3.27	2.98
γ 90.0	4.96	4.66	4.50	4.58	4.69	4.43	4.43	4.47	3.37	3.20	3.29	3.17
γ 91.0	5.04	4.55	4.60	4.49	4.50	4.21	4.24	4.38	3.44	3.07	2.99	3.14
γ 92.0	4.84	4.62	4.59	4.33	4.35	4.41	4.16	4.40	3.16	3.21	3.29	3.18
γ 93.0	4.59	4.65	4.77	4.39	4.35	4.28	4.29	4.44	3.25	3.34	3.48	3.16

# IES Indoor Report

Photometric Filename:AW12540 6W 1202C9 3090 ZHT35-36D 150.IES

## Candela Tabulation - (Cont.)

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
γ 94.0	4.51	4.54	4.39	4.07	4.34	4.28	4.31	4.06	3.26	3.44	3.27	3.12
γ 95.0	4.30	4.38	4.26	4.25	4.43	4.05	4.39	4.05	3.55	3.33	3.30	3.24
γ 96.0	4.59	4.51	3.97	4.14	4.53	4.14	4.10	4.04	3.34	3.33	3.18	3.14
γ 97.0	4.42	4.36	4.30	4.11	4.36	4.10	3.85	4.06	3.57	3.40	3.32	3.16
γ 98.0	4.42	4.43	4.40	4.15	4.18	4.34	3.93	4.17	3.57	3.35	3.31	3.20
γ 99.0	4.41	4.46	4.32	4.07	4.21	4.10	3.88	3.99	3.43	3.48	3.45	3.40
γ 100.0	4.27	4.31	4.33	3.98	4.32	3.80	3.86	4.06	3.59	3.44	3.50	3.47
γ 101.0	4.23	4.19	4.23	3.89	4.23	4.01	3.85	3.91	3.49	3.50	3.56	3.35
γ 102.0	4.31	4.27	4.28	4.04	4.08	4.04	3.86	3.70	3.64	3.42	3.43	3.37
γ 103.0	4.30	4.33	4.14	4.18	4.04	4.01	3.94	3.73	3.59	3.50	3.54	3.30
γ 104.0	4.14	4.48	4.09	4.17	3.94	4.13	3.64	3.80	3.77	3.35	3.43	3.29
γ 105.0	4.26	4.23	4.09	4.04	3.92	3.83	3.91	3.85	3.71	3.29	3.34	3.24
γ 106.0	4.22	4.15	4.12	4.24	3.83	3.96	3.99	3.67	3.78	3.51	3.32	3.29
γ 107.0	4.23	4.21	4.16	4.05	3.80	3.61	4.02	3.68	3.62	3.56	3.38	3.31
γ 108.0	4.21	4.16	4.26	4.23	3.80	3.56	3.95	3.74	3.49	3.64	3.20	3.42
γ 109.0	4.16	4.28	4.12	4.23	3.84	3.63	3.73	3.63	3.54	3.53	3.08	3.25
γ 110.0	4.23	4.30	4.01	4.44	3.83	3.77	3.89	3.70	3.20	3.48	3.27	3.39
γ 111.0	3.92	4.22	3.93	4.34	3.78	3.81	3.63	3.72	3.52	3.61	3.43	3.44
γ 112.0	4.14	4.06	4.16	4.29	3.95	3.67	3.59	3.53	3.64	3.79	3.45	3.25
γ 113.0	3.97	4.04	3.93	4.22	3.95	3.83	3.48	3.69	3.44	3.55	3.60	3.20
γ 114.0	4.00	4.05	3.85	4.20	3.85	3.78	3.45	3.69	3.40	3.49	3.57	3.43
γ 115.0	3.99	4.08	3.99	4.02	3.73	4.13	3.77	3.69	3.08	3.56	3.53	3.44
γ 116.0	4.06	4.10	3.88	4.22	3.69	3.80	3.58	3.63	3.51	3.71	3.56	3.41
γ 117.0	4.03	4.09	3.94	4.12	3.74	3.65	3.36	3.71	3.52	3.76	3.80	3.56
γ 118.0	4.23	3.97	3.94	4.29	3.63	3.62	3.84	3.58	3.24	3.75	3.72	3.50
γ 119.0	3.96	4.04	3.87	4.39	3.60	3.36	3.71	3.47	3.40	3.82	3.64	3.53
γ 120.0	3.99	3.87	3.82	4.13	3.66	3.53	3.48	3.38	3.49	3.82	3.75	3.56
γ 121.0	4.02	3.76	3.91	4.10	3.47	3.15	3.40	3.25	3.53	3.71	3.69	3.69
γ 122.0	3.87	3.64	3.99	4.14	3.47	3.01	3.34	3.17	3.63	3.57	3.87	3.81
γ 123.0	4.07	3.73	4.07	4.05	3.40	3.27	3.52	3.36	3.66	3.64	3.71	3.56
γ 124.0	4.01	3.78	4.12	4.33	3.33	3.36	3.56	3.49	3.60	3.73	3.78	3.45
γ 125.0	4.04	3.73	3.98	4.28	3.47	3.50	3.60	3.49	3.48	3.62	3.56	3.33
γ 126.0	3.93	3.82	4.05	4.07	3.55	3.53	3.45	3.45	3.67	3.68	3.57	3.54
γ 127.0	3.87	3.81	4.19	4.16	3.59	3.38	3.55	3.43	3.53	3.74	3.72	3.58
γ 128.0	4.06	3.81	3.97	4.13	3.60	3.58	3.48	3.72	3.46	3.80	3.55	3.69
γ 129.0	4.28	3.92	4.01	4.10	3.60	3.86	3.50	3.85	3.75	3.74	3.50	3.63
γ 130.0	4.12	3.89	3.98	4.27	3.48	3.64	3.51	3.54	3.69	3.67	3.49	3.58
γ 131.0	4.06	4.07	3.99	4.09	3.48	3.67	3.47	3.54	3.69	3.84	3.47	3.79
γ 132.0	4.10	4.00	3.85	3.92	3.51	3.53	3.40	3.66	3.45	3.78	3.54	3.72
γ 133.0	4.30	3.79	3.92	3.82	3.53	3.29	3.40	3.63	3.43	3.88	3.84	3.84
γ 134.0	4.40	3.77	3.89	4.07	3.58	3.50	3.34	3.80	3.57	3.85	3.74	3.94
γ 135.0	4.07	4.01	4.02	4.00	3.66	3.54	3.59	3.85	3.62	3.82	3.76	3.64
γ 136.0	3.91	3.98	4.20	4.22	3.87	3.42	3.52	3.80	3.79	3.81	3.42	3.87
γ 137.0	4.04	3.94	4.00	3.96	3.86	3.10	3.47	3.79	3.61	3.88	3.74	3.71
γ 138.0	4.11	3.85	4.09	3.82	3.59	3.14	3.35	3.80	3.76	3.77	3.81	3.70
γ 139.0	4.12	3.80	4.23	4.15	3.63	3.20	3.54	3.71	3.76	3.80	3.59	3.87
γ 140.0	3.86	3.75	4.07	4.31	3.71	3.41	3.33	3.85	3.75	3.83	3.77	3.97

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## Candela Tabulation - (Cont.)

V/H	C0. 0	C22. 5	C45. 0	C67. 5	C90. 0	C112. 5	C135. 0	C157. 5	C180. 0	C202. 5	C225. 0	C247. 5
γ 141. 0	4. 31	3. 87	3. 90	4. 26	3. 64	3. 37	3. 39	3. 95	3. 72	3. 82	3. 88	4. 02
γ 142. 0	4. 14	4. 03	3. 93	4. 26	3. 79	3. 43	3. 31	4. 05	3. 77	3. 98	3. 71	3. 98
γ 143. 0	4. 26	4. 22	3. 81	4. 14	4. 00	3. 37	3. 47	4. 06	3. 88	3. 95	3. 92	3. 76
γ 144. 0	4. 18	4. 21	3. 79	4. 09	4. 01	3. 33	3. 39	3. 98	4. 16	4. 03	3. 90	3. 81
γ 145. 0	4. 11	4. 29	3. 98	4. 32	3. 98	3. 51	3. 35	3. 88	3. 93	4. 02	3. 79	3. 85
γ 146. 0	4. 34	4. 20	4. 25	4. 14	3. 99	3. 39	3. 85	4. 02	4. 20	3. 88	3. 69	4. 10
γ 147. 0	4. 40	4. 23	4. 04	4. 22	4. 14	3. 58	3. 54	4. 18	4. 09	4. 01	3. 98	4. 16
γ 148. 0	4. 24	4. 30	4. 16	4. 28	4. 27	3. 52	3. 85	4. 10	4. 21	4. 29	4. 05	4. 23
γ 149. 0	4. 45	4. 33	4. 31	4. 36	4. 24	3. 44	3. 68	4. 01	4. 38	4. 02	4. 04	4. 40
γ 150. 0	4. 49	4. 27	4. 34	4. 53	4. 26	3. 83	3. 42	4. 14	4. 33	4. 09	4. 26	4. 41
γ 151. 0	4. 41	4. 19	4. 19	4. 74	4. 28	3. 91	3. 62	4. 53	4. 40	4. 37	4. 29	4. 35
γ 152. 0	4. 35	4. 30	4. 43	5. 14	4. 13	3. 59	3. 81	4. 36	4. 21	4. 42	4. 42	4. 33
γ 153. 0	4. 57	4. 41	4. 93	5. 21	4. 10	3. 85	3. 68	4. 09	4. 26	4. 40	4. 36	4. 34
γ 154. 0	4. 34	4. 39	5. 00	5. 14	4. 21	3. 84	3. 71	4. 12	4. 33	4. 32	4. 28	4. 24
γ 155. 0	4. 64	4. 47	4. 82	5. 10	4. 25	3. 85	3. 76	4. 15	4. 18	4. 38	4. 26	4. 44
γ 156. 0	4. 53	4. 35	4. 57	4. 95	4. 29	3. 78	3. 86	3. 94	4. 56	4. 55	4. 34	4. 22
γ 157. 0	4. 68	4. 46	4. 41	4. 80	4. 33	4. 02	3. 88	3. 95	4. 44	4. 62	4. 32	4. 39
γ 158. 0	4. 82	4. 62	4. 50	4. 72	4. 40	4. 10	4. 06	4. 04	4. 41	4. 54	4. 42	4. 45
γ 159. 0	4. 74	4. 58	4. 54	4. 72	4. 40	4. 26	3. 97	4. 03	4. 41	4. 53	4. 51	4. 51
γ 160. 0	4. 71	4. 57	4. 56	4. 55	4. 43	4. 25	4. 19	4. 10	4. 41	4. 68	4. 51	4. 59
γ 161. 0	4. 60	4. 51	4. 65	4. 54	4. 37	4. 36	3. 90	4. 02	4. 62	4. 69	4. 66	4. 51
γ 162. 0	4. 49	4. 51	4. 75	4. 49	4. 24	4. 55	4. 11	4. 24	4. 55	4. 73	4. 63	4. 52
γ 163. 0	4. 73	4. 69	4. 89	4. 48	4. 30	4. 34	4. 23	4. 34	4. 75	4. 73	4. 68	4. 59
γ 164. 0	4. 64	4. 57	4. 89	4. 57	4. 34	4. 27	4. 26	4. 34	4. 64	4. 74	4. 76	4. 74
γ 165. 0	4. 73	4. 47	4. 72	4. 76	4. 33	4. 24	4. 06	4. 30	4. 58	4. 87	4. 69	4. 72
γ 166. 0	4. 72	4. 66	4. 78	4. 81	4. 54	4. 18	4. 14	4. 23	4. 73	5. 01	4. 83	4. 70
γ 167. 0	4. 89	4. 77	4. 87	4. 66	4. 59	4. 47	4. 40	4. 29	4. 70	5. 01	4. 76	4. 66
γ 168. 0	4. 76	4. 72	4. 97	4. 70	4. 52	4. 31	4. 26	4. 20	5. 15	4. 91	4. 68	4. 70
γ 169. 0	4. 83	4. 82	5. 10	4. 68	4. 50	4. 51	4. 54	4. 22	5. 21	5. 02	4. 66	4. 76
γ 170. 0	5. 11	5. 05	5. 02	4. 70	4. 49	4. 34	4. 22	4. 30	4. 87	4. 66	4. 72	4. 99
γ 171. 0	4. 86	4. 97	5. 15	4. 80	4. 69	4. 50	4. 36	4. 30	4. 95	4. 86	4. 91	4. 78
γ 172. 0	4. 82	4. 95	5. 00	4. 75	4. 68	4. 37	4. 35	4. 10	4. 86	4. 76	4. 74	4. 70
γ 173. 0	5. 04	4. 91	5. 09	5. 04	4. 66	4. 52	4. 51	4. 15	4. 75	4. 61	4. 99	4. 88
γ 174. 0	5. 00	4. 83	4. 93	5. 14	4. 91	4. 61	4. 53	4. 39	4. 99	4. 85	5. 07	4. 87
γ 175. 0	4. 90	4. 80	5. 19	5. 16	4. 99	4. 48	4. 61	4. 28	5. 03	4. 91	5. 06	4. 88
γ 176. 0	4. 91	4. 75	5. 13	5. 07	4. 92	4. 83	4. 73	4. 37	4. 84	4. 82	5. 23	4. 97
γ 177. 0	5. 23	4. 83	4. 85	4. 94	4. 91	4. 89	4. 44	4. 49	4. 91	5. 06	5. 11	5. 06
γ 178. 0	4. 89	4. 89	4. 95	4. 87	4. 85	4. 80	4. 39	4. 41	4. 85	5. 02	5. 03	4. 86
γ 179. 0	5. 11	4. 91	4. 99	5. 00	4. 79	4. 47	4. 71	4. 43	4. 97	4. 82	5. 15	4. 72
γ 180. 0	4. 80	4. 80	4. 80	4. 80	4. 80	4. 80	4. 80	4. 80	4. 80	4. 80	4. 80	4. 80
V/H	C270. 0	C292. 5	C315. 0	C337. 5								
γ 0. 0	847. 81	847. 81	847. 81	847. 81								
γ 1. 0	844. 42	843. 83	843. 60	843. 99								
γ 2. 0	840. 60	839. 66	839. 48	840. 62								
γ 3. 0	834. 84	832. 92	832. 62	835. 21								
γ 4. 0	826. 73	823. 63	823. 41	828. 14								
γ 5. 0	816. 11	812. 74	812. 23	819. 43								

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## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 6. 0	803. 05	799. 83	799. 89	808. 74
γ 7. 0	787. 93	786. 63	786. 25	796. 96
γ 8. 0	771. 17	771. 87	771. 46	784. 03
γ 9. 0	753. 00	756. 30	755. 75	770. 11
γ 10. 0	733. 12	738. 87	738. 54	754. 40
γ 11. 0	711. 31	719. 09	719. 07	735. 80
γ 12. 0	687. 19	696. 14	697. 10	714. 33
γ 13. 0	660. 77	670. 71	672. 55	688. 16
γ 14. 0	632. 53	642. 11	643. 28	657. 05
γ 15. 0	602. 16	610. 52	610. 39	621. 86
γ 16. 0	569. 59	576. 34	576. 18	584. 82
γ 17. 0	535. 42	541. 41	539. 89	546. 50
γ 18. 0	499. 41	504. 09	501. 14	506. 77
γ 19. 0	461. 03	464. 50	461. 51	466. 26
γ 20. 0	420. 98	423. 22	420. 20	425. 13
γ 21. 0	380. 23	380. 82	379. 18	384. 55
γ 22. 0	339. 52	338. 81	338. 70	344. 10
γ 23. 0	299. 20	298. 09	299. 10	304. 76
γ 24. 0	260. 14	259. 23	261. 21	266. 46
γ 25. 0	223. 67	222. 63	225. 63	229. 83
γ 26. 0	190. 34	189. 70	191. 86	195. 63
γ 27. 0	160. 29	159. 78	161. 61	164. 74
γ 28. 0	134. 17	133. 82	134. 88	136. 89
γ 29. 0	111. 92	111. 25	111. 79	112. 81
γ 30. 0	93. 04	92. 11	91. 66	92. 48
γ 31. 0	77. 27	76. 21	75. 33	75. 35
γ 32. 0	64. 36	62. 84	61. 71	61. 45
γ 33. 0	53. 72	52. 19	50. 89	50. 31
γ 34. 0	44. 64	43. 32	41. 53	41. 11
γ 35. 0	37. 18	35. 86	34. 04	33. 70
γ 36. 0	31. 04	29. 95	28. 22	27. 13
γ 37. 0	25. 90	24. 73	23. 03	22. 02
γ 38. 0	21. 40	20. 07	18. 62	17. 99
γ 39. 0	17. 40	16. 33	14. 96	15. 00
γ 40. 0	14. 26	13. 14	12. 89	12. 80
γ 41. 0	12. 00	11. 76	10. 73	11. 10
γ 42. 0	10. 53	9. 98	9. 45	9. 57
γ 43. 0	9. 36	8. 51	8. 08	8. 40
γ 44. 0	7. 94	7. 26	7. 08	7. 14
γ 45. 0	6. 77	6. 49	6. 01	6. 16
γ 46. 0	6. 08	5. 90	5. 41	5. 58
γ 47. 0	5. 66	4. 93	5. 13	5. 29
γ 48. 0	5. 42	5. 03	4. 82	5. 03
γ 49. 0	5. 07	4. 39	4. 79	4. 66
γ 50. 0	4. 63	4. 86	4. 48	4. 50
γ 51. 0	4. 35	4. 49	4. 29	4. 25
γ 52. 0	4. 25	3. 94	4. 32	3. 97

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## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
$\gamma$ 53. 0	4. 15	4. 12	3. 91	4. 00
$\gamma$ 54. 0	3. 98	3. 66	3. 92	4. 02
$\gamma$ 55. 0	3. 77	3. 55	3. 56	3. 86
$\gamma$ 56. 0	3. 63	3. 58	3. 56	3. 82
$\gamma$ 57. 0	3. 61	3. 41	3. 66	3. 63
$\gamma$ 58. 0	3. 51	3. 33	3. 48	3. 60
$\gamma$ 59. 0	3. 46	3. 19	3. 31	3. 23
$\gamma$ 60. 0	3. 42	3. 16	3. 16	3. 39
$\gamma$ 61. 0	3. 30	2. 99	2. 98	3. 30
$\gamma$ 62. 0	3. 41	3. 17	2. 99	3. 18
$\gamma$ 63. 0	3. 19	3. 00	2. 98	3. 10
$\gamma$ 64. 0	2. 90	2. 98	2. 88	3. 05
$\gamma$ 65. 0	2. 85	2. 76	2. 64	2. 73
$\gamma$ 66. 0	2. 76	2. 47	2. 47	2. 53
$\gamma$ 67. 0	2. 82	2. 85	2. 51	2. 50
$\gamma$ 68. 0	2. 85	2. 75	2. 78	2. 50
$\gamma$ 69. 0	2. 94	2. 84	2. 68	2. 53
$\gamma$ 70. 0	2. 96	2. 92	2. 36	2. 33
$\gamma$ 71. 0	2. 76	2. 72	2. 45	2. 30
$\gamma$ 72. 0	2. 75	2. 40	2. 51	2. 37
$\gamma$ 73. 0	2. 91	2. 63	2. 47	2. 54
$\gamma$ 74. 0	2. 97	2. 64	2. 46	2. 38
$\gamma$ 75. 0	2. 94	2. 53	2. 63	2. 41
$\gamma$ 76. 0	2. 86	2. 62	2. 66	2. 28
$\gamma$ 77. 0	2. 88	2. 64	2. 52	2. 35
$\gamma$ 78. 0	2. 90	2. 70	2. 60	2. 60
$\gamma$ 79. 0	3. 00	2. 80	2. 54	2. 51
$\gamma$ 80. 0	3. 07	3. 01	2. 56	2. 80
$\gamma$ 81. 0	3. 01	3. 05	2. 48	2. 71
$\gamma$ 82. 0	3. 01	2. 78	2. 67	2. 67
$\gamma$ 83. 0	2. 91	2. 96	2. 67	2. 52
$\gamma$ 84. 0	2. 93	2. 80	2. 55	2. 61
$\gamma$ 85. 0	2. 98	3. 07	2. 73	2. 64
$\gamma$ 86. 0	2. 97	3. 30	2. 70	2. 76
$\gamma$ 87. 0	3. 09	3. 07	2. 76	2. 69
$\gamma$ 88. 0	3. 12	3. 18	2. 74	2. 72
$\gamma$ 89. 0	3. 18	3. 11	2. 87	2. 68
$\gamma$ 90. 0	3. 26	3. 05	2. 81	2. 95
$\gamma$ 91. 0	3. 26	3. 15	2. 85	2. 89
$\gamma$ 92. 0	3. 28	3. 23	2. 90	2. 79
$\gamma$ 93. 0	3. 18	3. 52	2. 79	3. 07
$\gamma$ 94. 0	3. 13	3. 31	2. 78	3. 07
$\gamma$ 95. 0	3. 18	3. 41	3. 09	2. 98
$\gamma$ 96. 0	3. 33	3. 54	3. 11	2. 78
$\gamma$ 97. 0	3. 36	3. 11	3. 06	2. 98
$\gamma$ 98. 0	3. 31	3. 53	3. 11	2. 95
$\gamma$ 99. 0	3. 39	3. 24	3. 12	3. 03

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 100.0	3.44	3.28	3.10	2.91
γ 101.0	3.52	3.27	3.14	3.07
γ 102.0	3.42	3.54	2.92	3.05
γ 103.0	3.53	3.53	3.01	2.99
γ 104.0	3.73	3.43	3.09	3.05
γ 105.0	3.68	3.20	3.26	2.98
γ 106.0	3.56	3.33	3.37	3.04
γ 107.0	3.29	3.21	3.16	2.94
γ 108.0	3.21	3.25	3.06	2.97
γ 109.0	3.32	3.31	3.05	3.10
γ 110.0	3.36	2.94	2.93	3.22
γ 111.0	3.47	3.30	3.05	3.32
γ 112.0	3.49	3.01	3.13	3.07
γ 113.0	3.36	3.52	3.13	3.14
γ 114.0	3.37	3.26	3.23	3.28
γ 115.0	3.39	3.33	3.23	3.27
γ 116.0	3.31	3.34	3.34	3.22
γ 117.0	3.25	3.23	3.35	3.28
γ 118.0	3.40	3.34	3.18	3.05
γ 119.0	3.52	3.43	3.15	2.95
γ 120.0	3.59	3.07	3.22	2.94
γ 121.0	3.47	3.37	3.40	2.98
γ 122.0	3.38	3.13	3.14	3.11
γ 123.0	3.52	3.24	3.17	3.04
γ 124.0	3.34	3.51	3.27	3.30
γ 125.0	3.17	3.39	3.38	3.17
γ 126.0	3.32	3.47	3.53	2.89
γ 127.0	3.26	3.61	3.47	2.81
γ 128.0	3.31	3.33	3.35	2.80
γ 129.0	3.55	3.43	3.38	2.85
γ 130.0	3.47	3.20	3.37	2.98
γ 131.0	3.53	3.08	3.25	2.97
γ 132.0	3.56	3.09	3.30	2.97
γ 133.0	3.58	3.59	3.42	3.07
γ 134.0	3.77	3.55	3.56	3.24
γ 135.0	3.71	3.56	3.45	3.11
γ 136.0	3.51	3.58	3.64	2.96
γ 137.0	3.60	3.81	3.76	3.17
γ 138.0	3.76	3.90	3.54	3.13
γ 139.0	3.73	3.52	3.31	3.14
γ 140.0	3.91	3.83	3.52	3.37
γ 141.0	3.85	3.65	3.56	3.42
γ 142.0	3.84	3.65	3.33	3.61
γ 143.0	3.94	3.89	3.51	3.49
γ 144.0	3.92	3.77	3.45	3.42
γ 145.0	4.20	3.98	3.68	3.31
γ 146.0	4.22	3.89	3.55	3.62

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## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
$\gamma$ 147. 0	4. 07	4. 18	3. 78	3. 62
$\gamma$ 148. 0	4. 04	4. 11	3. 77	3. 61
$\gamma$ 149. 0	4. 18	3. 83	3. 76	3. 66
$\gamma$ 150. 0	4. 47	3. 81	3. 67	3. 62
$\gamma$ 151. 0	4. 37	4. 09	3. 76	3. 57
$\gamma$ 152. 0	4. 36	4. 15	3. 66	3. 82
$\gamma$ 153. 0	4. 44	4. 29	3. 76	3. 84
$\gamma$ 154. 0	4. 36	3. 96	3. 74	3. 91
$\gamma$ 155. 0	4. 46	4. 07	4. 02	3. 90
$\gamma$ 156. 0	4. 45	3. 97	4. 28	4. 08
$\gamma$ 157. 0	4. 42	4. 20	4. 31	3. 71
$\gamma$ 158. 0	4. 44	4. 48	4. 44	3. 74
$\gamma$ 159. 0	4. 42	4. 44	4. 36	3. 92
$\gamma$ 160. 0	4. 36	4. 14	4. 20	4. 11
$\gamma$ 161. 0	4. 38	4. 51	4. 22	3. 93
$\gamma$ 162. 0	4. 47	4. 70	4. 26	3. 80
$\gamma$ 163. 0	4. 51	4. 45	4. 37	3. 87
$\gamma$ 164. 0	4. 59	4. 65	4. 43	3. 90
$\gamma$ 165. 0	4. 49	4. 56	4. 31	4. 11
$\gamma$ 166. 0	4. 44	4. 55	4. 21	4. 08
$\gamma$ 167. 0	4. 58	4. 45	4. 51	4. 14
$\gamma$ 168. 0	4. 60	4. 58	4. 30	4. 18
$\gamma$ 169. 0	4. 54	4. 64	4. 25	4. 06
$\gamma$ 170. 0	4. 58	4. 64	4. 36	4. 22
$\gamma$ 171. 0	4. 70	4. 71	4. 06	4. 31
$\gamma$ 172. 0	4. 72	4. 77	4. 12	4. 41
$\gamma$ 173. 0	4. 74	4. 95	4. 41	4. 36
$\gamma$ 174. 0	4. 79	4. 87	4. 56	4. 27
$\gamma$ 175. 0	4. 83	4. 73	4. 46	4. 42
$\gamma$ 176. 0	4. 82	4. 65	4. 62	4. 47
$\gamma$ 177. 0	4. 75	4. 79	4. 49	4. 50
$\gamma$ 178. 0	4. 79	4. 51	4. 34	4. 42
$\gamma$ 179. 0	4. 93	4. 64	4. 58	4. 44
$\gamma$ 180. 0	4. 80	4. 80	4. 80	4. 80

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