

# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-36D 200.IES

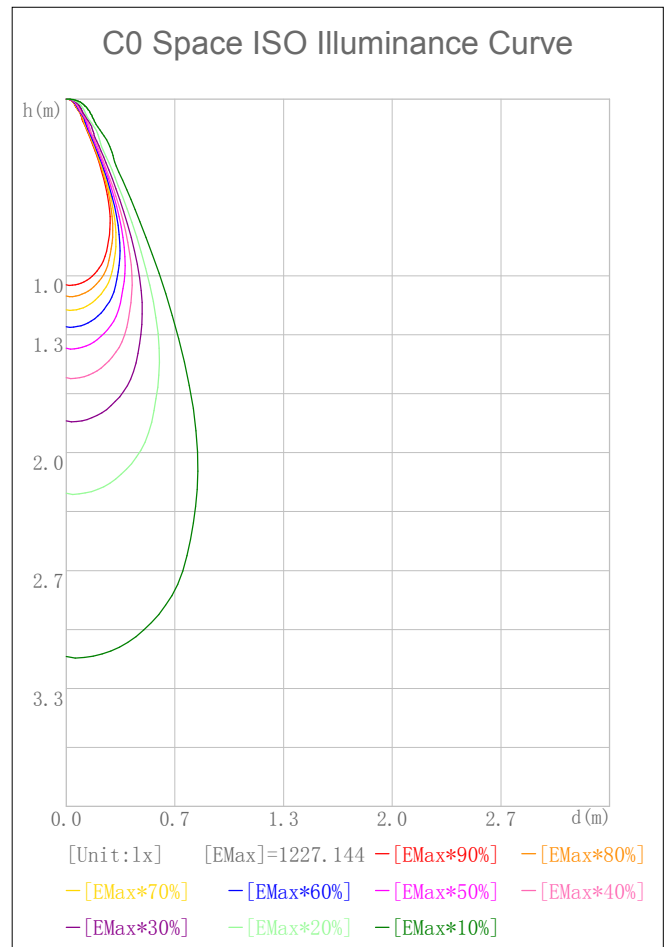
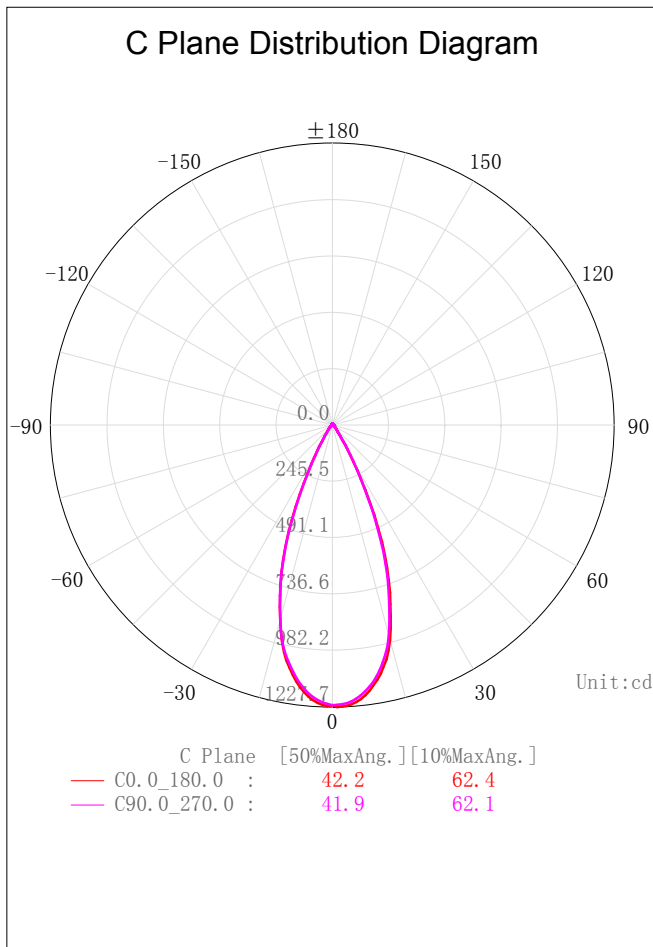
## Indoor Luminaire Photometric Data

### Description Information

Luminaire Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Date: 2023/06/30
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(m <sup>2</sup> ): 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): 615.000	Luminaire Flux(lm): 615.848	Field Angle(10%Imax): 62.4(°)	
Rated Power(W): 8	Luminaire Efficiency: 100.14%	Down Lumens&Percent: 601.723lm 97.71%	
Rated Voltage(V): 220	Luminaire EER(lm/W): 74.225	Up Lumens&Percent: 14.125lm 2.29%	
Tested Power(W): 8.297	Max. Candela(cd): 1227.705	S/MH: C0_a180=0.691 C90_270=0.685	
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 $\gamma$ =1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf): 220.7, 0.065, 0.575	Beam Angle(50%Imax): 42.2(°)	ErP $\Phi$ use(90°): 578.952lm	
Lamp Size(W*L*H): 0.066m*0.066m*0.000m	Left=-20.2°, Right=22.0°	IRF(%): 414.266	



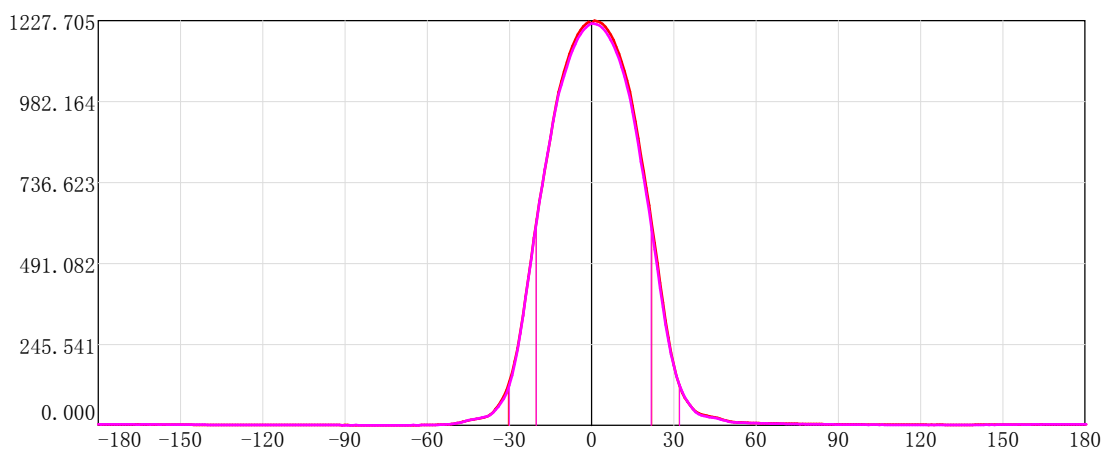
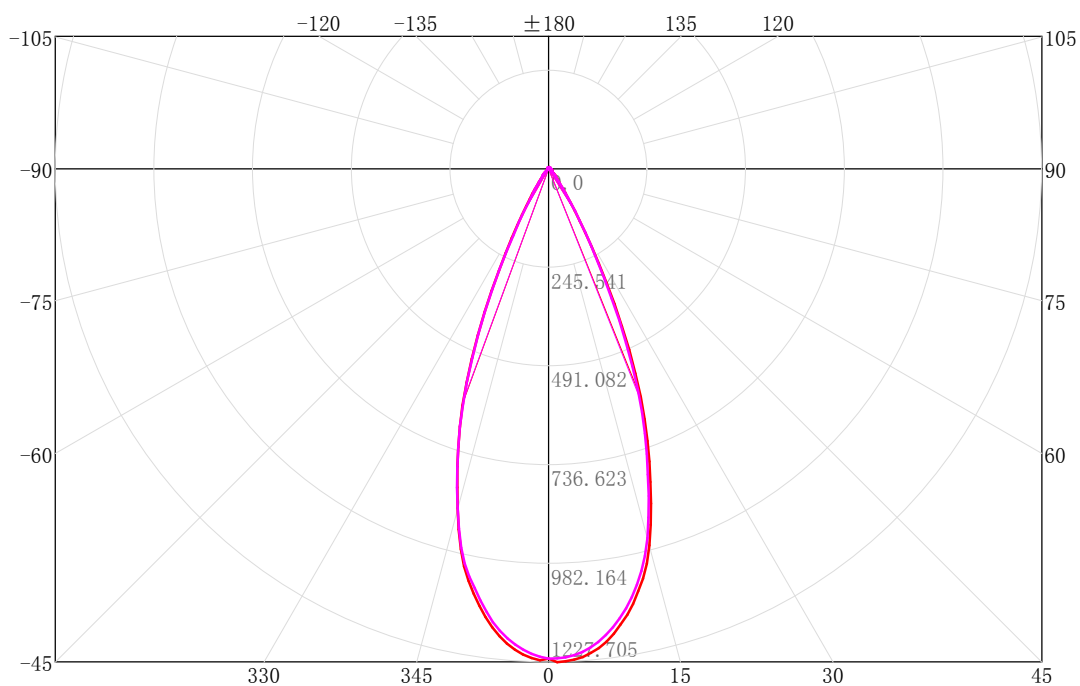
# IES Indoor Report

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## 2D Plane Light Intensity Distribution Curve

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/06/30

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C0.0_180.0 :	42.2	62.4	
—	C90.0_270.0 :	41.9	62.1	

**IES Indoor Report**

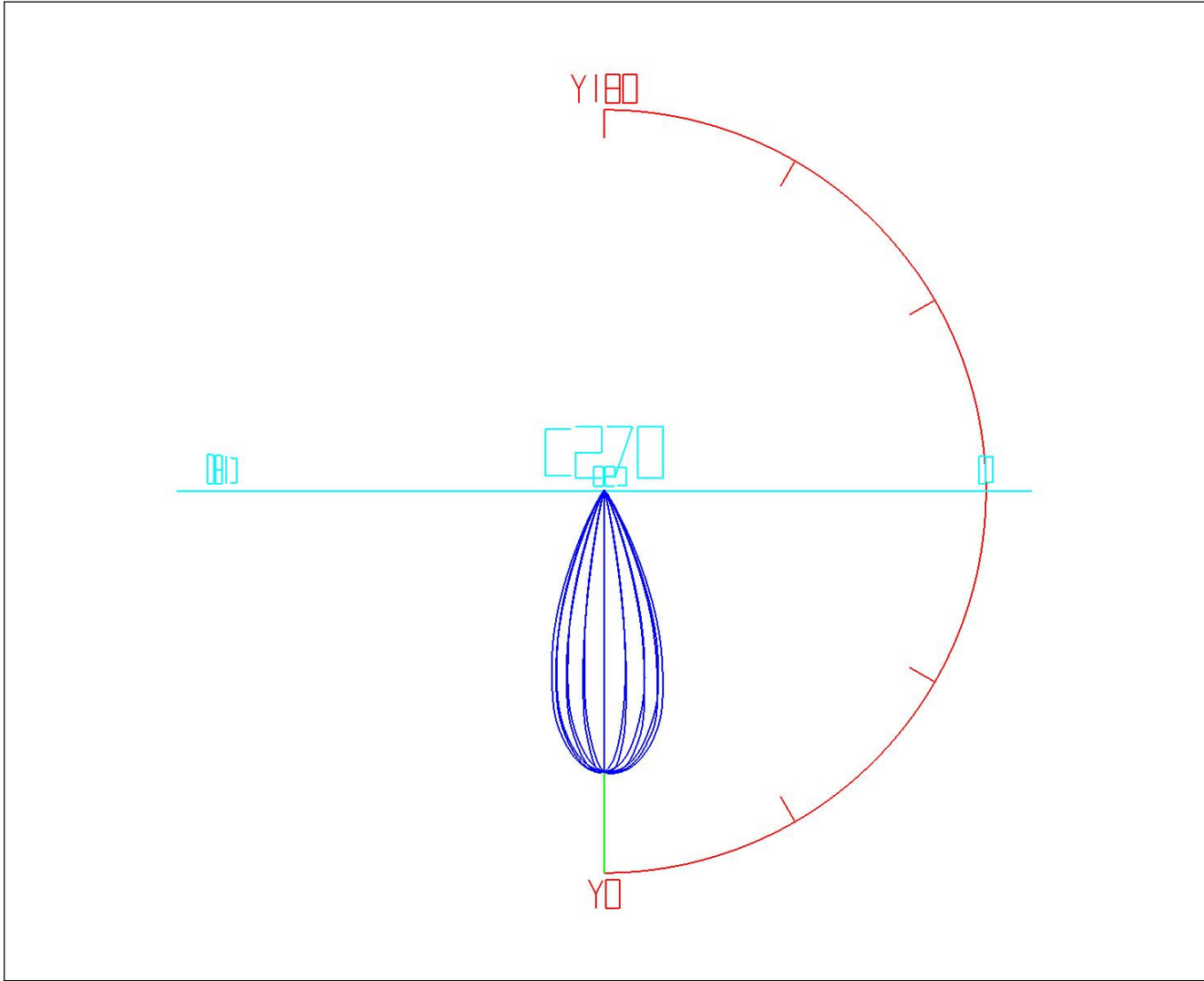
**Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-36D 200.IES**

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**3D Light Intensity Distribution Modal**

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/06/30

**3D Light Intensity Distribution Modal**



Curves: 3D Model ——— Fixture ——— Vert. 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	1.17	1.17	0.19	0.19	47.0-48.0	1.15	585.01	0.19	95.12
1.0-2.0	3.49	4.66	0.57	0.76	48.0-49.0	0.99	586.00	0.16	95.28
2.0-3.0	5.80	10.45	0.94	1.70	49.0-50.0	0.85	586.85	0.14	95.42
3.0-4.0	8.06	18.52	1.31	3.01	50.0-51.0	0.72	587.57	0.12	95.54
4.0-5.0	10.28	28.79	1.67	4.68	51.0-52.0	0.64	588.20	0.10	95.64
5.0-6.0	12.41	41.21	2.02	6.70	52.0-53.0	0.58	588.79	0.10	95.74
6.0-7.0	14.46	55.67	2.35	9.05	53.0-54.0	0.56	589.35	0.09	95.83
7.0-8.0	16.40	72.07	2.67	11.72	54.0-55.0	0.53	589.88	0.09	95.92
8.0-9.0	18.21	90.28	2.96	14.68	55.0-56.0	0.51	590.39	0.08	96.00
9.0-10.0	19.89	110.17	3.23	17.91	56.0-57.0	0.49	590.88	0.08	96.08
10.0-11.0	21.44	131.61	3.49	21.40	57.0-58.0	0.47	591.35	0.08	96.15
11.0-12.0	22.84	154.46	3.71	25.11	58.0-59.0	0.45	591.80	0.07	96.23
12.0-13.0	24.05	178.50	3.91	29.03	59.0-60.0	0.44	592.24	0.07	96.30
13.0-14.0	25.01	203.51	4.07	33.09	60.0-61.0	0.42	592.66	0.07	96.37
14.0-15.0	25.67	229.18	4.17	37.26	61.0-62.0	0.41	593.07	0.07	96.43
15.0-16.0	26.04	255.21	4.23	41.50	62.0-63.0	0.39	593.46	0.06	96.50
16.0-17.0	26.15	281.36	4.25	45.75	63.0-64.0	0.38	593.85	0.06	96.56
17.0-18.0	26.06	307.42	4.24	49.99	64.0-65.0	0.37	594.22	0.06	96.62
18.0-19.0	25.77	333.19	4.19	54.18	65.0-66.0	0.36	594.58	0.06	96.68
19.0-20.0	25.25	358.44	4.11	58.28	66.0-67.0	0.35	594.93	0.06	96.74
20.0-21.0	24.46	382.90	3.98	62.26	67.0-68.0	0.34	595.27	0.06	96.79
21.0-22.0	23.36	406.27	3.80	66.06	68.0-69.0	0.34	595.61	0.05	96.85
22.0-23.0	21.97	428.23	3.57	69.63	69.0-70.0	0.33	595.94	0.05	96.90
23.0-24.0	20.31	448.54	3.30	72.93	70.0-71.0	0.32	596.26	0.05	96.95
24.0-25.0	18.45	466.99	3.00	75.93	71.0-72.0	0.32	596.58	0.05	97.01
25.0-26.0	16.47	483.47	2.68	78.61	72.0-73.0	0.31	596.90	0.05	97.06
26.0-27.0	14.48	497.95	2.35	80.97	73.0-74.0	0.31	597.20	0.05	97.11
27.0-28.0	12.56	510.51	2.04	83.01	74.0-75.0	0.30	597.51	0.05	97.16
28.0-29.0	10.79	521.29	1.75	84.76	75.0-76.0	0.30	597.81	0.05	97.20
29.0-30.0	9.19	530.48	1.49	86.26	76.0-77.0	0.30	598.10	0.05	97.25
30.0-31.0	7.79	538.27	1.27	87.52	77.0-78.0	0.29	598.39	0.05	97.30
31.0-32.0	6.57	544.84	1.07	88.59	78.0-79.0	0.29	598.68	0.05	97.35
32.0-33.0	5.56	550.41	0.90	89.50	79.0-80.0	0.29	598.97	0.05	97.39
33.0-34.0	4.75	555.15	0.77	90.27	80.0-81.0	0.28	599.26	0.05	97.44
34.0-35.0	4.07	559.22	0.66	90.93	81.0-82.0	0.29	599.54	0.05	97.49
35.0-36.0	3.47	562.69	0.56	91.49	82.0-83.0	0.29	599.83	0.05	97.53
36.0-37.0	2.94	565.62	0.48	91.97	83.0-84.0	0.28	600.12	0.05	97.58
37.0-38.0	2.51	568.13	0.41	92.38	84.0-85.0	0.28	600.40	0.05	97.63
38.0-39.0	2.20	570.33	0.36	92.74	85.0-86.0	0.27	600.67	0.04	97.67
39.0-40.0	2.02	572.35	0.33	93.06	86.0-87.0	0.27	600.94	0.04	97.71
40.0-41.0	1.90	574.25	0.31	93.37	87.0-88.0	0.27	601.20	0.04	97.76
41.0-42.0	1.82	576.07	0.30	93.67	88.0-89.0	0.26	601.47	0.04	97.80
42.0-43.0	1.74	577.82	0.28	93.95	89.0-90.0	0.26	601.72	0.04	97.84
43.0-44.0	1.66	579.48	0.27	94.22	90.0-91.0	0.25	601.98	0.04	97.88
44.0-45.0	1.58	581.06	0.26	94.48	91.0-92.0	0.25	602.23	0.04	97.92
45.0-46.0	1.47	582.53	0.24	94.72	92.0-93.0	0.25	602.48	0.04	97.96
46.0-47.0	1.32	583.86	0.22	94.94	93.0-94.0	0.25	602.73	0.04	98.01

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## Zonal Flux Tabulation - (Cont.)

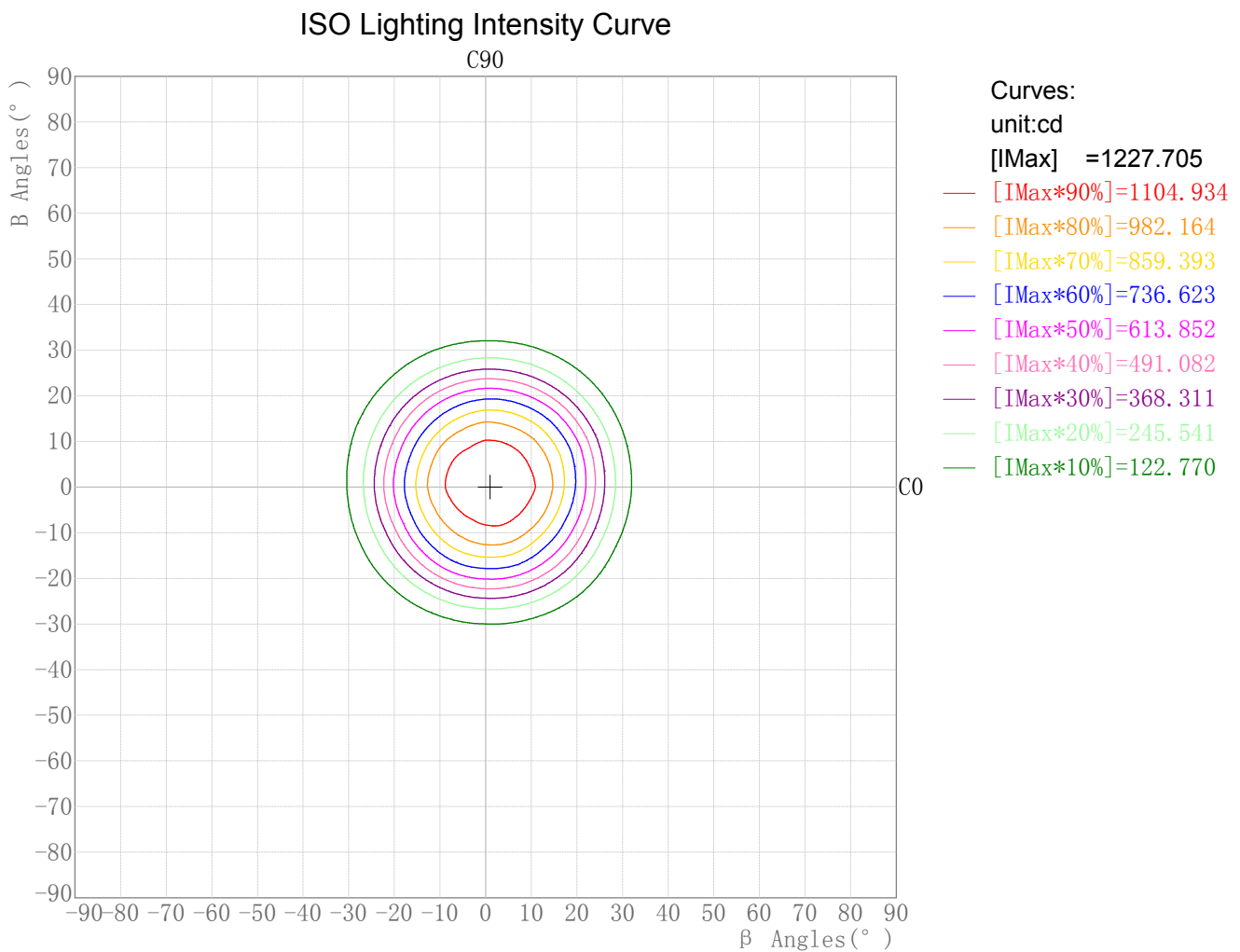
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.24	602.98	0.04	98.04	141.0-142.0	0.15	612.07	0.02	99.52
95.0-96.0	0.24	603.22	0.04	98.08	142.0-143.0	0.15	612.23	0.02	99.55
96.0-97.0	0.24	603.47	0.04	98.12	143.0-144.0	0.15	612.38	0.02	99.57
97.0-98.0	0.24	603.71	0.04	98.16	144.0-145.0	0.15	612.53	0.02	99.60
98.0-99.0	0.24	603.95	0.04	98.20	145.0-146.0	0.15	612.67	0.02	99.62
99.0-100.0	0.23	604.18	0.04	98.24	146.0-147.0	0.15	612.82	0.02	99.65
100.0-101.0	0.23	604.41	0.04	98.28	147.0-148.0	0.15	612.97	0.02	99.67
101.0-102.0	0.23	604.64	0.04	98.32	148.0-149.0	0.15	613.12	0.02	99.69
102.0-103.0	0.23	604.87	0.04	98.35	149.0-150.0	0.15	613.26	0.02	99.72
103.0-104.0	0.23	605.11	0.04	98.39	150.0-151.0	0.14	613.41	0.02	99.74
104.0-105.0	0.23	605.33	0.04	98.43	151.0-152.0	0.14	613.55	0.02	99.76
105.0-106.0	0.22	605.56	0.04	98.46	152.0-153.0	0.14	613.69	0.02	99.79
106.0-107.0	0.22	605.78	0.04	98.50	153.0-154.0	0.14	613.82	0.02	99.81
107.0-108.0	0.22	605.99	0.04	98.54	154.0-155.0	0.13	613.96	0.02	99.83
108.0-109.0	0.22	606.21	0.04	98.57	155.0-156.0	0.13	614.09	0.02	99.85
109.0-110.0	0.21	606.42	0.03	98.61	156.0-157.0	0.13	614.22	0.02	99.87
110.0-111.0	0.21	606.63	0.03	98.64	157.0-158.0	0.13	614.35	0.02	99.89
111.0-112.0	0.21	606.84	0.03	98.67	158.0-159.0	0.12	614.47	0.02	99.91
112.0-113.0	0.21	607.05	0.03	98.71	159.0-160.0	0.12	614.59	0.02	99.93
113.0-114.0	0.21	607.25	0.03	98.74	160.0-161.0	0.11	614.70	0.02	99.95
114.0-115.0	0.21	607.46	0.03	98.77	161.0-162.0	0.11	614.81	0.02	99.97
115.0-116.0	0.20	607.66	0.03	98.81	162.0-163.0	0.11	614.92	0.02	99.99
116.0-117.0	0.20	607.85	0.03	98.84	163.0-164.0	0.10	615.02	0.02	100.00
117.0-118.0	0.20	608.05	0.03	98.87	164.0-165.0	0.10	615.11	0.02	100.02
118.0-119.0	0.19	608.24	0.03	98.90	165.0-166.0	0.09	615.20	0.01	100.03
119.0-120.0	0.19	608.44	0.03	98.93	166.0-167.0	0.08	615.29	0.01	100.05
120.0-121.0	0.19	608.62	0.03	98.96	167.0-168.0	0.08	615.37	0.01	100.06
121.0-122.0	0.19	608.81	0.03	98.99	168.0-169.0	0.07	615.44	0.01	100.07
122.0-123.0	0.19	609.00	0.03	99.02	169.0-170.0	0.07	615.51	0.01	100.08
123.0-124.0	0.18	609.18	0.03	99.05	170.0-171.0	0.06	615.57	0.01	100.09
124.0-125.0	0.18	609.35	0.03	99.08	171.0-172.0	0.06	615.63	0.01	100.10
125.0-126.0	0.18	609.53	0.03	99.11	172.0-173.0	0.05	615.68	0.01	100.11
126.0-127.0	0.17	609.70	0.03	99.14	173.0-174.0	0.04	615.72	0.01	100.12
127.0-128.0	0.17	609.87	0.03	99.17	174.0-175.0	0.04	615.76	0.01	100.12
128.0-129.0	0.17	610.04	0.03	99.19	175.0-176.0	0.03	615.79	0.01	100.13
129.0-130.0	0.17	610.21	0.03	99.22	176.0-177.0	0.02	615.82	0.00	100.13
130.0-131.0	0.17	610.38	0.03	99.25	177.0-178.0	0.02	615.83	0.00	100.14
131.0-132.0	0.16	610.54	0.03	99.27	178.0-179.0	0.01	615.84	0.00	100.14
132.0-133.0	0.16	610.69	0.03	99.30	179.0-180.0	0.00	615.85	0.00	100.14
133.0-134.0	0.16	610.85	0.03	99.33					
134.0-135.0	0.15	611.00	0.03	99.35					
135.0-136.0	0.15	611.16	0.02	99.37					
136.0-137.0	0.15	611.31	0.02	99.40					
137.0-138.0	0.15	611.46	0.02	99.42					
138.0-139.0	0.15	611.61	0.02	99.45					
139.0-140.0	0.15	611.77	0.03	99.47					
140.0-141.0	0.15	611.92	0.03	99.50					

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## Rectangle ISO Lighting Intensity Diagram

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/06/30

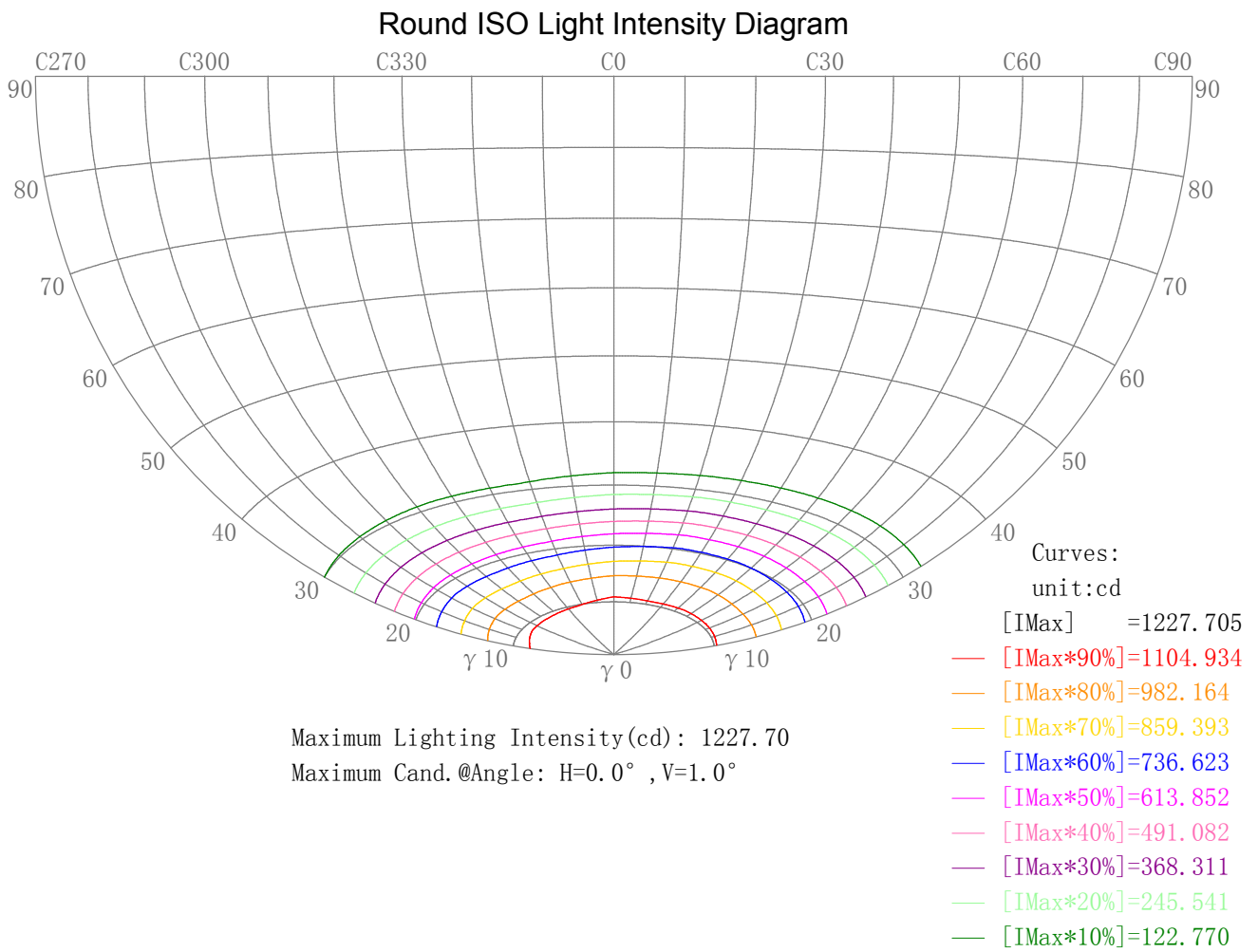


# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-36D 200.IES

## Round ISO Lighting Intensity Diagram

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/06/30



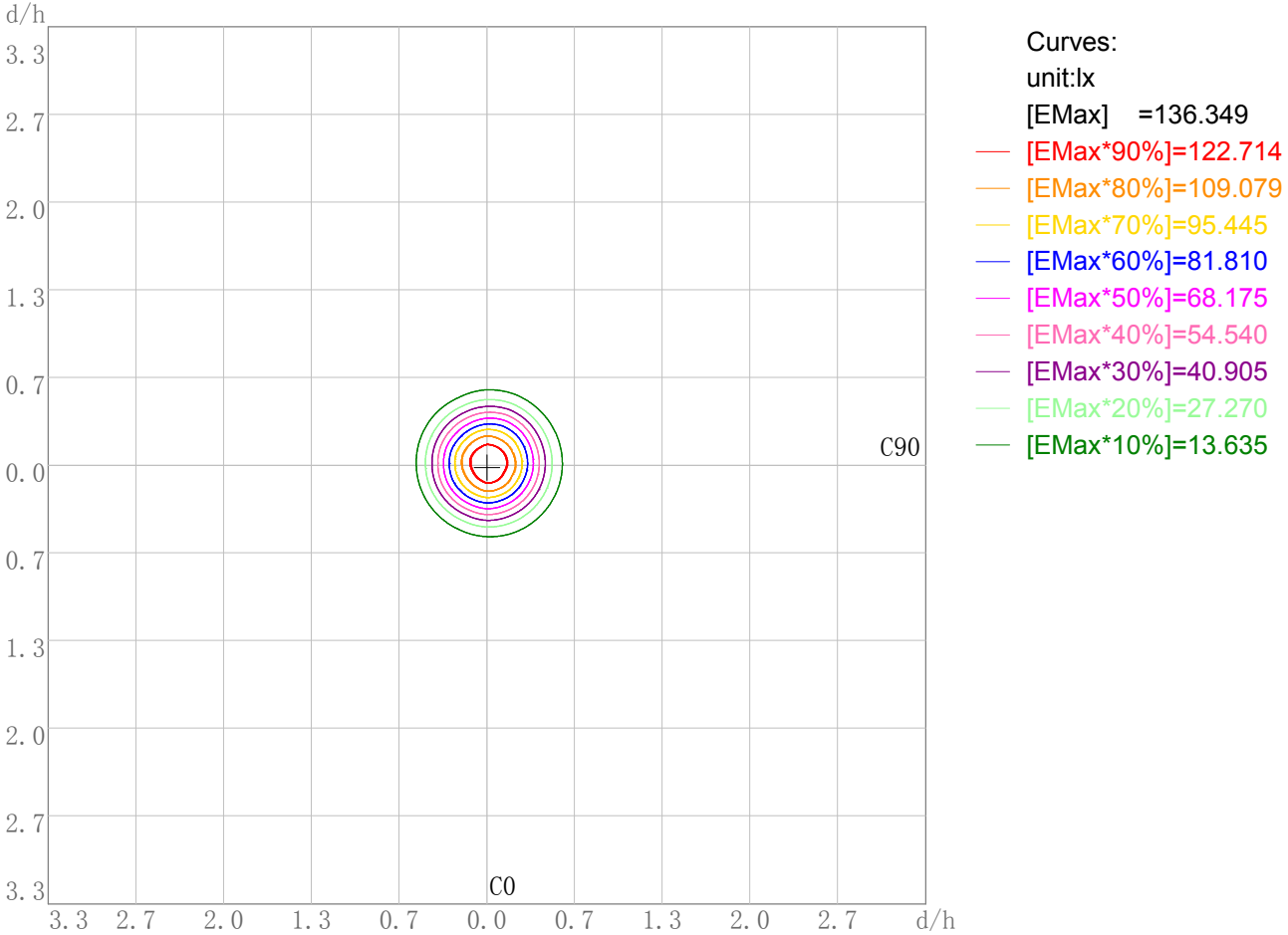
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## Plane ISO-Illuminance Diagram

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/06/30

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 136.35  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0



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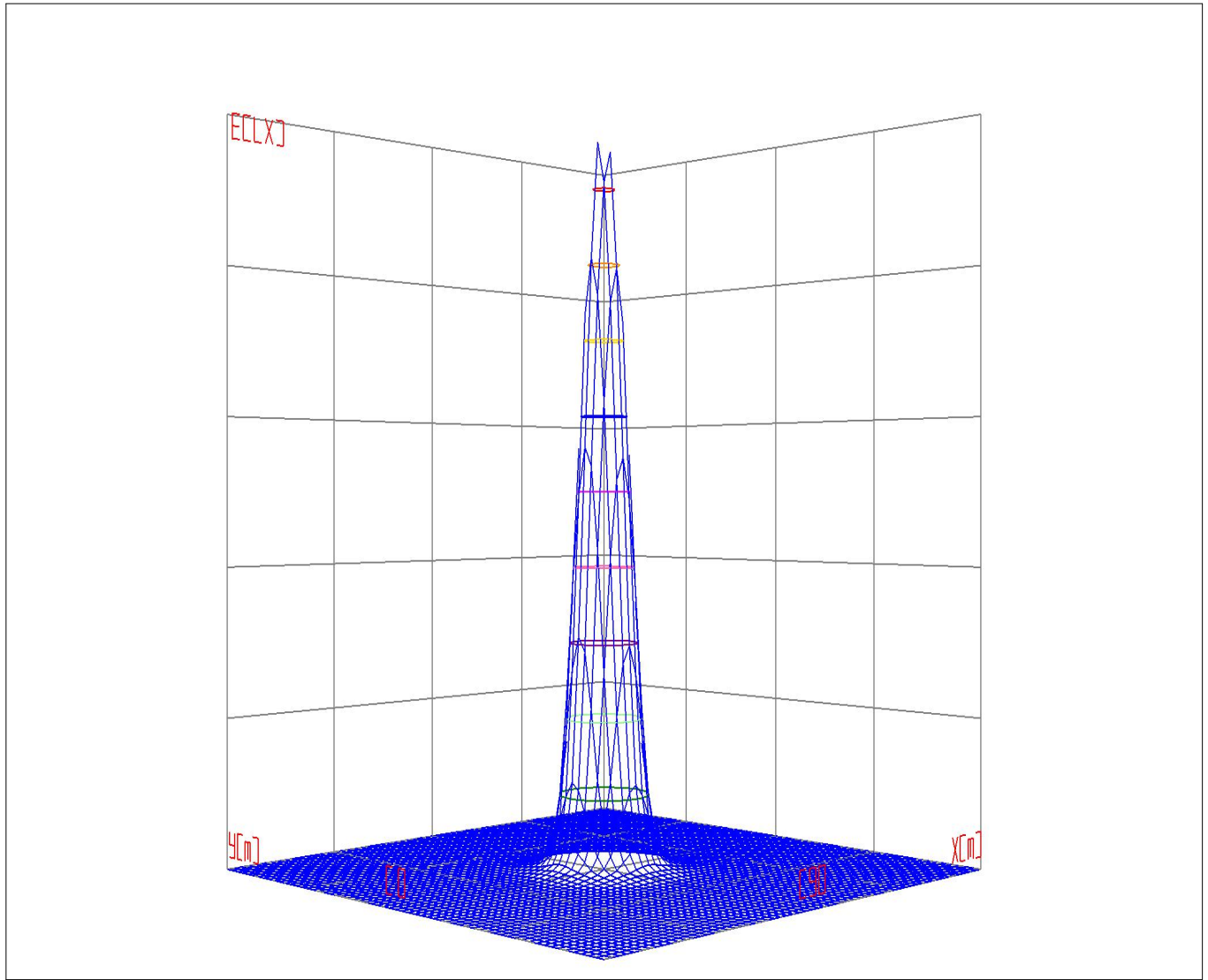
Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-36D 200.IES

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## 3D Plane ISO Illuminance Diagram

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2023/06/30

### 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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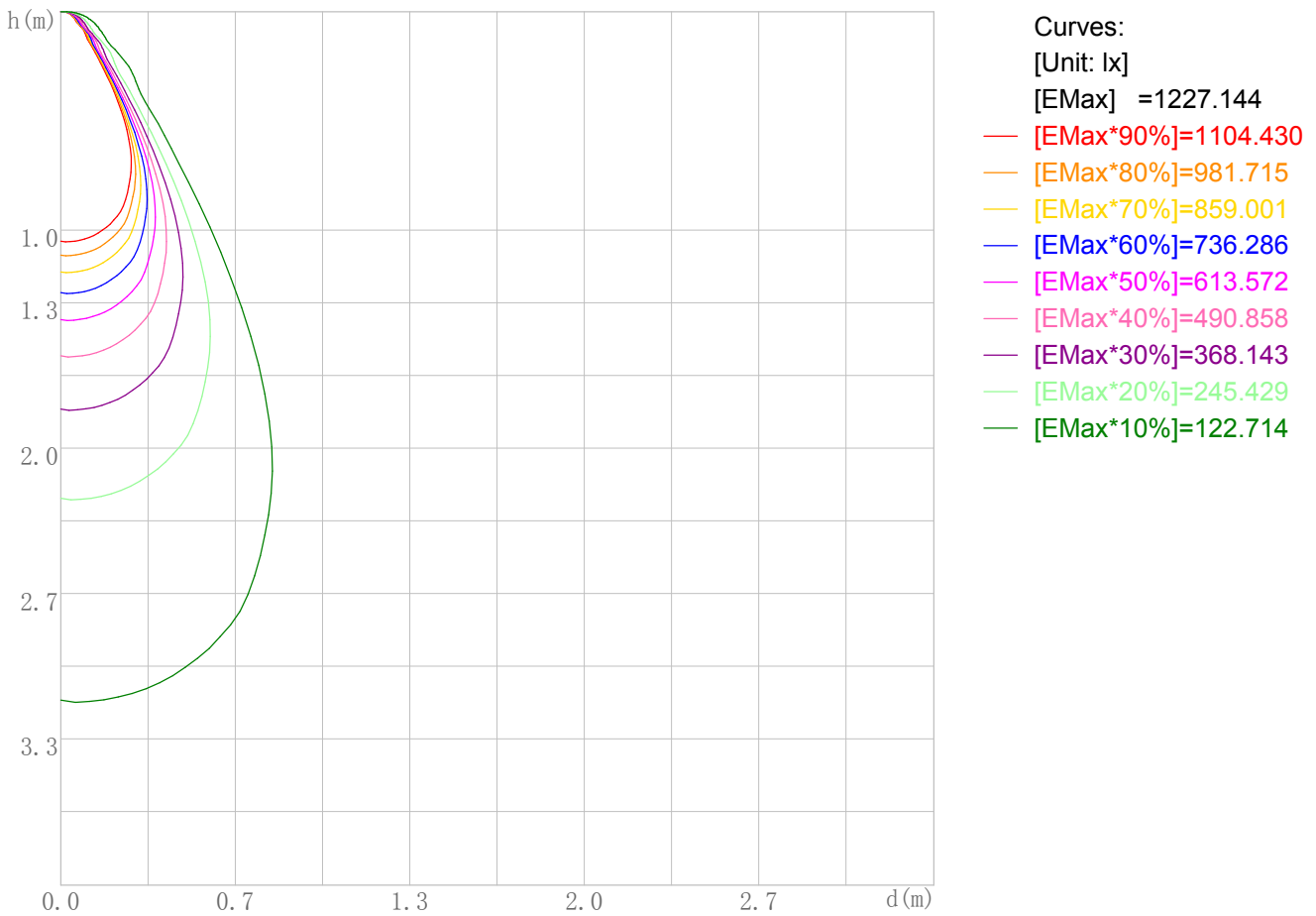
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## Space ISO Illuminance Diagram

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2023/06/30

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1227.14lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:1227.705cd,0deg

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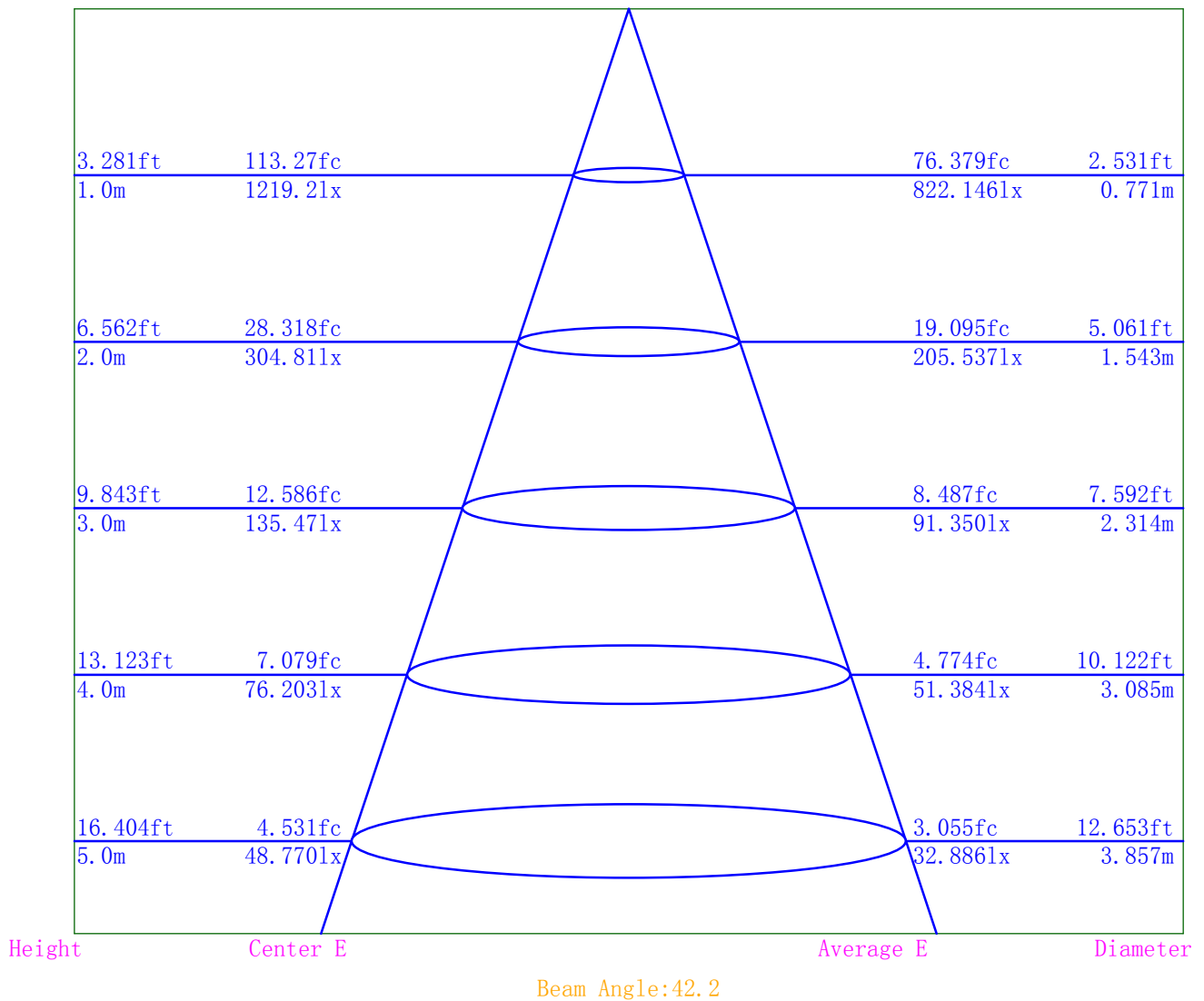
# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-36D 200.IES

## Illuminance-Distance Diagram

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/06/30

Illuminance-Distance Curve



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## Indoor Luminance Limiting Curves

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/06/30

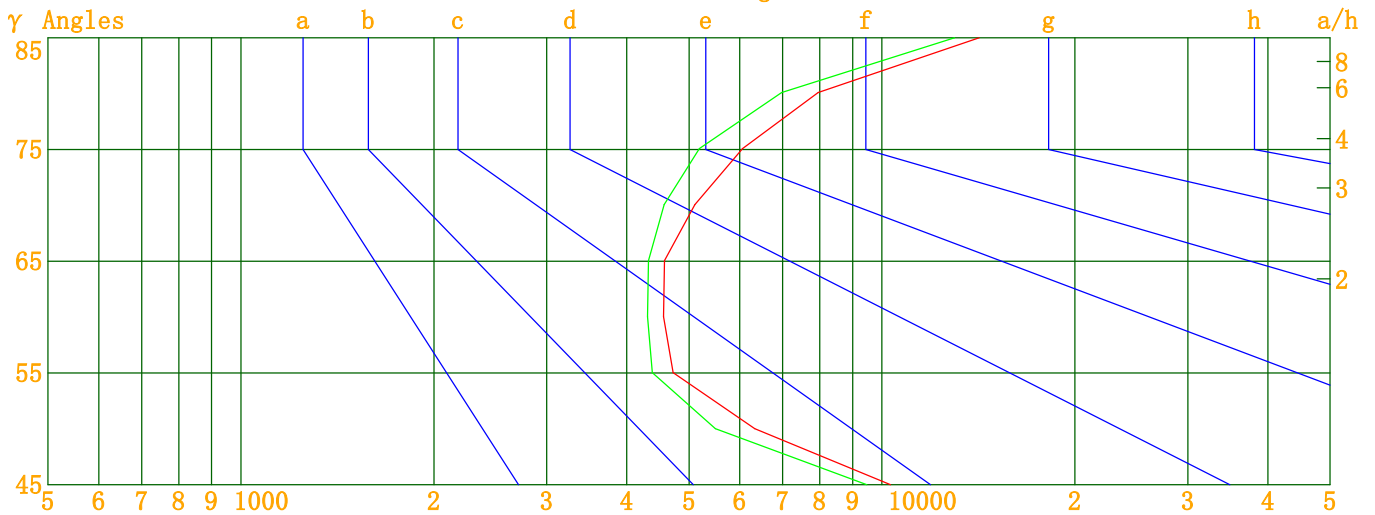
Glare Grade Table

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	10314	6334	4726	4562	4581	5107	6062	7955	14183
C90	9471	5498	4385	4310	4323	4576	5190	6972	12982

Luminance Limiting Curve



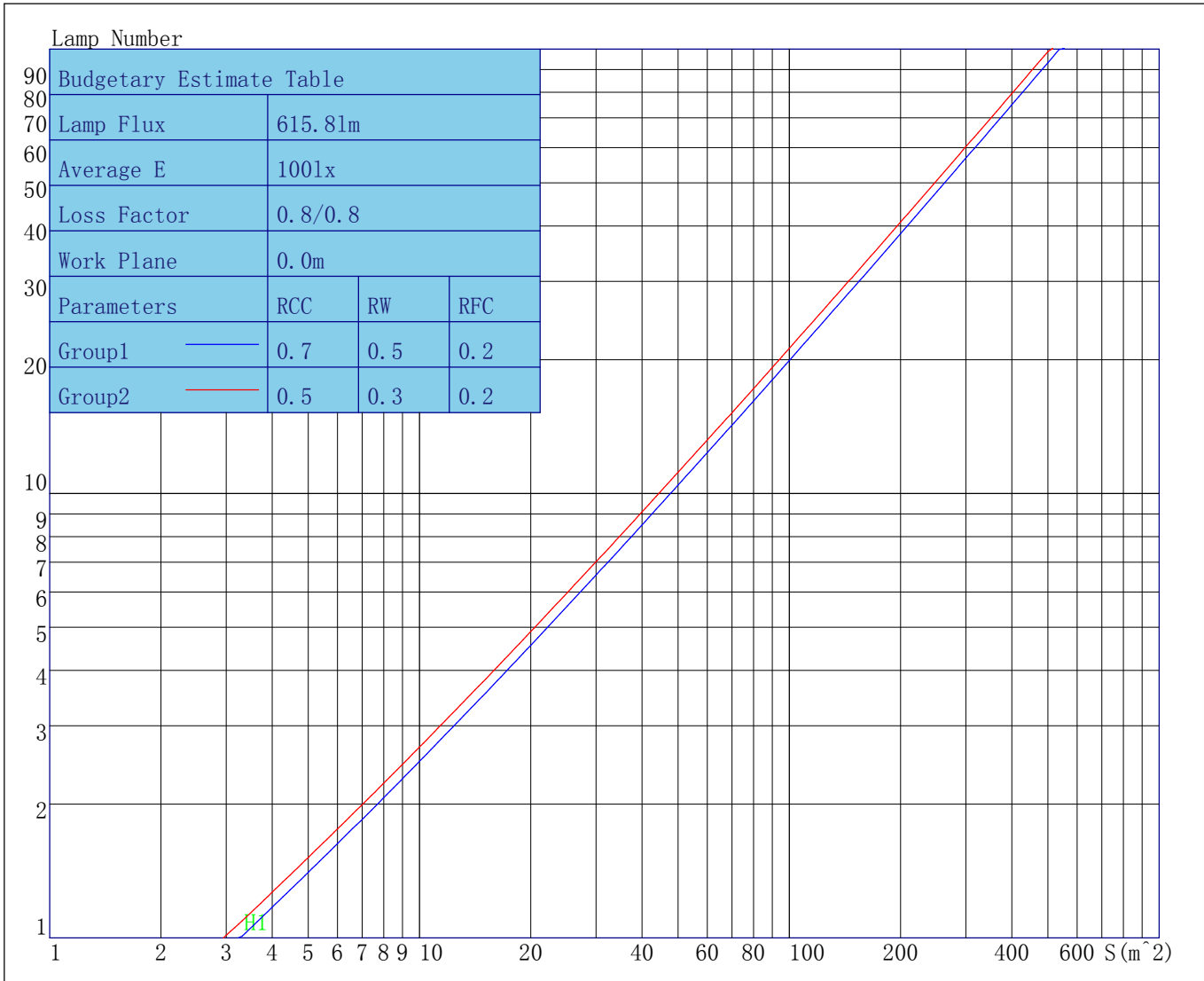
Luminous Size: Length(m)=-0.066 Width(m)=-0.066 Height(m)=0.000 Area(m^2)=0.003421  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

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## Indoor Budgetary Estimate Table

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2023/06/30



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:AW12541 8W 1202C9 3090 ZHT35-36D 200.IES

## Indoor Coefficient of Utilization Table

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/06/30

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	110	110	110	105	105	105	100	100	100	98
1	114	111	109	106	111	109	106	105	104	102	101	100	99	98	96	95	94	92
2	109	104	101	97	106	102	99	96	99	96	94	95	93	91	92	91	89	88
3	104	98	94	90	102	97	93	89	94	91	88	91	88	86	89	87	85	83
4	100	93	88	85	98	92	87	84	89	86	83	87	84	82	85	83	80	79
5	96	88	83	80	94	87	83	79	85	81	78	84	80	77	82	79	77	75
6	92	84	79	75	90	83	78	75	82	77	74	80	76	74	79	75	73	72
7	88	80	75	71	87	80	75	71	78	74	71	77	73	70	76	72	70	68
8	85	77	72	68	84	76	71	68	75	71	67	74	70	67	73	69	67	65
9	82	74	68	65	81	73	68	65	72	68	65	71	67	64	70	66	64	63
10	79	70	66	62	78	70	65	62	69	65	62	68	64	62	67	64	61	60

# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-36D 200.IES

## Unified Glare Rating Table

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2023/06/30

## 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	13.0	13.9	13.4	14.3	14.7	13.5	14.4	13.9	14.8	15.1
	Y=3H	13.5	14.3	13.9	14.7	15.1	14.1	14.9	14.5	15.3	15.7
	Y=4H	14.0	14.8	14.5	15.2	15.7	14.5	15.3	15.0	15.7	16.1
	Y=6H	14.8	15.5	15.3	16.0	16.4	15.2	15.9	15.6	16.3	16.8
	Y=8H	15.4	16.1	15.9	16.5	17.0	15.7	16.3	16.2	16.8	17.2
	Y=12H	16.2	16.8	16.6	17.2	17.7	16.3	16.9	16.8	17.4	17.9
X=4H	Y=2H	12.9	13.7	13.3	14.1	14.5	13.5	14.3	14.0	14.7	15.1
	Y=3H	13.6	14.2	14.1	14.7	15.2	14.3	15.0	14.8	15.4	15.9
	Y=4H	14.3	14.9	14.8	15.3	15.8	15.0	15.6	15.5	16.1	16.6
	Y=6H	15.3	15.8	15.9	16.3	16.9	16.0	16.4	16.5	16.9	17.5
	Y=8H	16.1	16.5	16.6	17.0	17.5	16.6	17.1	17.1	17.6	18.1
	Y=12H	17.0	17.4	17.6	18.0	18.5	17.4	17.8	18.0	18.4	18.9
X=8H	Y=4H	14.4	14.9	14.9	15.4	15.9	15.3	15.7	15.8	16.2	16.8
	Y=6H	15.7	16.0	16.2	16.6	17.1	16.5	16.8	17.0	17.4	18.0
	Y=8H	16.6	16.9	17.1	17.4	18.0	17.3	17.7	17.9	18.2	18.8
	Y=12H	17.7	18.0	18.3	18.6	19.2	18.4	18.7	19.0	19.2	19.9
X=12H	Y=4H	14.4	14.8	15.0	15.4	15.9	15.3	15.7	15.9	16.3	16.8
	Y=6H	15.8	16.1	16.3	16.6	17.2	16.6	17.0	17.2	17.5	18.1
	Y=8H	16.7	17.0	17.3	17.6	18.2	17.6	17.9	18.2	18.4	19.1
Variations with the objverer position at spacings											
S=1.0H	0.1/-0.0					0.0/-0.1					
S=1.5H	0.2/-0.1					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	3.1					3.3					

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

# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-36D 200.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	1219.25	1219.25	1219.25	1219.25	1219.25	1219.25	1219.25	1219.25	1219.25	1219.25	1219.25	1219.25
$\gamma$ 1.0	1227.70	1222.53	1220.49	1218.58	1218.19	1216.27	1216.75	1216.59	1223.46	1217.41	1215.43	1213.87
$\gamma$ 2.0	1226.06	1222.68	1220.08	1217.69	1216.40	1213.09	1214.23	1212.63	1218.21	1211.35	1208.76	1207.18
$\gamma$ 3.0	1223.12	1220.97	1218.74	1215.39	1212.15	1206.62	1208.57	1206.60	1210.57	1202.12	1198.86	1196.76
$\gamma$ 4.0	1217.64	1216.88	1215.42	1210.85	1205.08	1196.45	1199.37	1197.90	1199.81	1189.51	1185.15	1182.90
$\gamma$ 5.0	1209.53	1209.39	1208.46	1203.73	1195.70	1183.68	1186.67	1185.34	1186.18	1173.39	1167.67	1165.51
$\gamma$ 6.0	1198.99	1198.56	1198.33	1193.71	1183.61	1168.25	1171.07	1169.80	1169.57	1153.78	1146.61	1144.89
$\gamma$ 7.0	1185.25	1184.47	1184.42	1180.20	1168.71	1151.16	1153.05	1150.99	1149.81	1131.08	1122.58	1121.63
$\gamma$ 8.0	1168.44	1166.36	1166.80	1162.96	1151.82	1132.53	1132.88	1128.80	1126.58	1105.91	1096.06	1095.60
$\gamma$ 9.0	1147.82	1144.88	1146.18	1142.19	1132.66	1111.73	1110.92	1104.25	1101.24	1078.69	1068.07	1068.21
$\gamma$ 10.0	1126.74	1120.77	1122.51	1118.08	1111.06	1089.04	1086.55	1076.78	1073.35	1049.82	1039.45	1041.66
$\gamma$ 11.0	1102.88	1094.27	1096.21	1090.65	1085.90	1063.85	1059.50	1047.23	1044.23	1019.27	1011.10	1015.44
$\gamma$ 12.0	1074.41	1066.61	1067.66	1060.30	1057.83	1035.70	1029.61	1014.21	1011.30	985.75	980.11	987.12
$\gamma$ 13.0	1046.35	1039.25	1037.74	1028.30	1026.79	1003.27	994.44	975.77	971.12	946.59	943.39	953.01
$\gamma$ 14.0	1012.19	1010.83	1008.68	995.21	992.81	965.13	951.21	930.28	924.14	901.64	900.25	912.02
$\gamma$ 15.0	969.94	977.80	975.95	958.61	950.78	919.98	901.39	880.17	874.27	853.04	853.02	866.34
$\gamma$ 16.0	921.78	938.13	937.27	916.38	902.57	870.42	848.02	828.00	824.26	802.48	803.99	818.79
$\gamma$ 17.0	870.64	893.29	891.14	869.58	851.77	819.31	794.90	777.22	775.84	752.34	755.36	770.97
$\gamma$ 18.0	819.66	846.43	842.15	820.64	800.12	769.45	744.92	728.78	728.14	702.05	705.63	721.28
$\gamma$ 19.0	770.44	798.84	792.62	771.00	751.13	721.74	697.66	680.53	678.92	649.36	653.24	668.66
$\gamma$ 20.0	720.36	749.52	742.89	719.90	701.45	673.96	649.45	629.57	626.20	593.72	598.06	612.80
$\gamma$ 21.0	667.51	697.06	690.06	665.93	648.86	622.61	597.54	575.97	569.73	535.81	540.42	554.46
$\gamma$ 22.0	611.61	641.32	633.62	609.45	592.76	567.40	542.08	518.96	510.70	477.01	480.69	494.75
$\gamma$ 23.0	553.19	582.49	574.40	550.84	534.24	509.87	484.27	460.62	450.48	418.27	421.73	434.57
$\gamma$ 24.0	492.66	521.17	512.42	490.85	474.60	450.59	426.03	403.52	391.04	360.96	363.37	374.87
$\gamma$ 25.0	432.41	458.58	449.35	431.24	415.90	392.01	369.18	348.15	334.65	307.08	308.02	317.73
$\gamma$ 26.0	373.66	396.57	387.77	373.27	358.81	336.07	315.45	297.26	281.73	258.35	258.13	265.48
$\gamma$ 27.0	318.02	337.48	329.30	318.57	306.05	285.22	266.89	251.56	235.24	215.61	213.57	219.17
$\gamma$ 28.0	266.94	283.28	276.38	268.86	258.53	240.43	224.45	211.67	195.26	178.69	175.44	179.14
$\gamma$ 29.0	222.18	235.18	230.23	225.18	216.73	202.20	187.61	177.42	161.25	147.18	143.26	145.62
$\gamma$ 30.0	183.63	193.76	191.21	187.74	181.14	169.70	156.07	148.04	132.77	120.64	115.83	117.60
$\gamma$ 31.0	150.66	158.35	158.11	155.84	150.15	142.40	129.29	123.21	108.40	98.88	93.93	95.05
$\gamma$ 32.0	122.84	128.66	129.62	128.56	124.31	118.33	107.03	102.31	88.89	81.34	77.18	77.98
$\gamma$ 33.0	100.29	104.85	105.57	105.90	102.86	98.08	89.22	85.99	74.01	67.21	64.01	64.83
$\gamma$ 34.0	84.13	87.01	87.35	87.79	85.98	82.44	75.17	72.45	61.41	55.46	52.74	53.65
$\gamma$ 35.0	71.60	73.36	73.04	73.53	72.65	69.70	63.39	60.65	50.12	45.08	42.36	43.74
$\gamma$ 36.0	60.76	61.52	60.65	61.35	61.02	58.17	52.75	49.91	40.21	36.15	33.79	35.39
$\gamma$ 37.0	50.71	51.15	50.43	50.72	49.97	48.10	43.63	41.26	33.02	29.50	27.34	29.20
$\gamma$ 38.0	42.65	42.47	41.34	41.58	40.80	39.84	36.97	35.24	27.78	25.32	23.50	25.50
$\gamma$ 39.0	37.47	36.22	34.74	35.04	34.87	34.46	32.89	31.97	24.87	22.93	21.50	23.28
$\gamma$ 40.0	34.32	32.49	30.99	31.12	31.26	31.57	30.59	30.19	23.19	21.41	20.27	21.65
$\gamma$ 41.0	32.13	30.15	28.70	28.89	28.70	29.70	28.82	28.69	21.75	20.08	18.92	20.57
$\gamma$ 42.0	30.22	28.27	27.37	27.21	27.40	28.22	27.29	27.32	20.25	18.90	17.83	19.29
$\gamma$ 43.0	28.37	26.67	25.89	25.75	25.68	26.66	25.95	25.60	18.66	17.68	16.49	17.86
$\gamma$ 44.0	26.47	25.20	24.35	24.51	24.14	24.99	24.16	24.34	17.17	16.27	15.53	16.64
$\gamma$ 45.0	24.95	23.86	23.00	23.31	22.91	23.38	22.63	22.21	15.70	14.93	14.40	15.37
$\gamma$ 46.0	23.06	22.28	21.79	21.79	21.01	21.47	20.20	19.82	13.55	13.05	12.87	13.02



# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-36D 200.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	20.57	20.01	19.73	19.79	18.91	18.61	17.87	17.42	11.23	10.70	10.84	10.47
γ 48.0	17.71	17.49	17.62	17.52	16.41	16.22	15.67	15.16	8.97	8.66	8.58	8.64
γ 49.0	15.71	15.36	15.68	15.18	14.65	14.06	13.28	12.82	7.40	6.85	7.34	7.04
γ 50.0	13.93	13.61	13.63	12.94	12.09	11.96	11.49	10.99	5.49	5.26	5.47	5.52
γ 51.0	12.03	11.98	11.65	11.20	10.95	10.31	10.22	10.13	4.49	4.14	4.16	4.47
γ 52.0	10.70	10.69	10.28	10.04	9.97	9.68	9.42	9.30	3.98	3.62	3.90	3.90
γ 53.0	10.18	9.84	9.97	9.52	9.92	9.21	9.06	8.85	3.82	3.34	3.24	3.55
γ 54.0	9.63	9.46	9.28	9.15	8.94	9.05	8.83	8.33	3.17	3.15	3.06	3.20
γ 55.0	9.27	9.17	8.87	8.72	8.60	8.56	8.59	8.17	2.92	2.87	2.82	2.75
γ 56.0	8.92	8.80	8.87	8.50	8.49	8.14	8.20	8.19	2.66	2.56	2.52	2.54
γ 57.0	8.54	8.61	8.44	8.24	7.95	7.63	7.78	7.77	2.31	2.31	2.41	2.24
γ 58.0	8.10	8.23	8.34	7.99	8.04	7.34	7.54	7.41	2.17	2.06	2.01	2.05
γ 59.0	8.17	7.87	7.92	7.71	7.39	7.32	7.24	7.07	1.92	1.86	1.71	1.92
γ 60.0	7.80	7.61	7.57	7.49	7.37	7.04	6.92	6.67	2.13	1.73	1.71	1.80
γ 61.0	7.31	7.36	7.20	7.31	7.24	6.81	6.89	6.78	1.82	1.54	1.72	1.67
γ 62.0	7.24	7.18	7.05	7.10	6.97	6.46	6.52	6.49	1.48	1.19	1.22	1.63
γ 63.0	7.02	6.89	7.14	6.82	6.81	6.32	6.17	6.29	1.26	1.11	0.81	1.46
γ 64.0	7.05	6.73	6.77	6.63	6.57	6.36	6.16	5.96	1.03	1.19	0.99	1.35
γ 65.0	6.62	6.58	6.51	6.28	6.25	6.00	5.89	5.87	1.11	1.11	1.04	1.24
γ 66.0	6.53	6.32	6.32	6.02	6.08	5.72	5.55	5.72	1.18	1.06	0.96	0.97
γ 67.0	6.33	6.12	6.24	5.86	5.84	5.55	5.37	5.59	1.01	1.21	1.02	0.91
γ 68.0	6.40	5.91	5.85	5.79	5.63	5.53	5.17	5.52	0.95	1.29	0.93	1.00
γ 69.0	6.16	5.63	5.77	5.72	5.65	5.37	4.98	5.17	0.81	1.26	0.79	1.00
γ 70.0	5.98	5.52	5.76	5.38	5.35	5.15	4.83	5.08	0.90	1.32	0.97	0.92
γ 71.0	5.54	5.57	5.31	5.20	5.20	5.01	4.91	4.78	0.86	1.26	1.13	0.93
γ 72.0	5.68	5.39	5.30	5.14	5.09	4.80	4.89	4.65	1.01	1.09	1.24	1.04
γ 73.0	5.36	5.21	4.97	5.01	5.05	4.73	4.63	4.72	1.18	1.20	0.85	0.86
γ 74.0	5.39	5.28	4.84	4.88	4.61	4.75	4.45	4.49	1.07	1.27	1.09	0.70
γ 75.0	5.37	5.15	4.99	4.83	4.60	4.72	4.32	4.45	1.07	1.27	0.96	1.01
γ 76.0	5.26	4.87	4.71	4.61	4.36	4.46	4.21	4.37	0.86	1.37	0.94	0.99
γ 77.0	5.14	4.76	4.46	4.55	4.43	4.40	4.10	4.25	0.85	1.32	1.02	0.94
γ 78.0	4.78	4.70	4.39	4.40	4.35	4.26	3.91	4.09	1.02	1.34	1.15	1.19
γ 79.0	4.89	4.61	4.32	4.44	4.24	3.94	3.96	3.99	1.17	1.35	0.99	1.30
γ 80.0	4.73	4.46	4.00	4.22	4.14	3.80	4.04	3.95	1.08	1.47	1.14	1.21
γ 81.0	4.53	4.38	4.11	4.16	4.16	3.67	3.90	3.79	1.20	1.50	1.00	1.39
γ 82.0	4.64	4.43	3.97	4.25	4.27	3.85	3.75	3.84	1.26	1.32	1.15	1.52
γ 83.0	4.55	4.34	3.90	4.19	4.20	3.73	3.53	3.44	1.13	1.44	0.94	1.43
γ 84.0	4.44	4.15	3.50	4.05	4.03	3.65	3.46	3.48	1.12	1.57	1.45	1.56
γ 85.0	4.23	4.06	3.56	3.99	3.87	3.46	3.52	3.42	1.30	1.59	1.55	1.50
γ 86.0	3.93	4.00	3.62	3.87	3.56	3.32	3.32	3.32	1.19	1.49	1.05	1.54
γ 87.0	4.07	3.93	3.42	3.61	3.68	3.28	3.15	3.07	1.16	1.38	1.15	1.70
γ 88.0	3.93	3.77	3.57	3.57	3.55	3.09	3.16	3.32	1.38	1.42	1.31	1.70
γ 89.0	3.86	3.62	3.28	3.51	3.22	3.01	3.09	3.09	1.70	1.44	1.30	1.78
γ 90.0	3.77	3.53	3.28	3.38	3.33	2.92	3.03	3.00	1.89	1.52	1.23	1.62
γ 91.0	3.80	3.53	3.27	3.34	3.18	2.80	2.90	2.86	1.33	1.60	1.14	1.56
γ 92.0	3.73	3.58	3.18	3.26	3.11	2.77	3.06	2.70	1.58	1.70	1.15	1.71
γ 93.0	3.45	3.42	3.32	3.19	3.19	2.84	3.08	2.97	1.55	1.75	1.42	1.80

# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-36D 200.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	3.40	3.40	3.01	3.07	3.10	2.71	2.82	2.49	1.51	1.64	1.28	1.79
γ 95.0	3.47	3.39	3.15	2.91	2.69	2.66	2.76	2.52	1.58	1.74	1.41	1.80
γ 96.0	3.49	3.35	3.14	2.85	3.07	2.63	2.67	2.35	1.67	1.88	1.41	1.72
γ 97.0	3.43	3.43	3.01	2.79	2.85	2.62	2.49	2.62	1.64	1.87	1.29	1.70
γ 98.0	3.40	3.24	2.80	2.91	3.06	2.53	2.48	2.37	1.47	1.87	1.49	1.63
γ 99.0	3.47	3.07	2.78	2.75	2.71	2.39	2.50	2.44	1.65	1.79	1.57	1.61
γ 100.0	3.02	2.98	2.88	2.72	2.44	2.39	2.55	2.33	1.56	1.82	1.55	1.65
γ 101.0	3.27	3.03	2.96	2.60	2.34	2.43	2.66	2.08	1.86	1.79	1.52	1.71
γ 102.0	3.18	2.99	2.66	2.50	2.61	2.42	2.58	2.30	1.68	1.71	1.58	1.61
γ 103.0	3.27	2.87	2.94	2.60	2.57	2.43	2.46	2.35	1.90	1.89	1.81	1.72
γ 104.0	3.06	2.87	2.49	2.58	2.49	2.43	2.61	2.41	1.83	1.89	1.64	1.85
γ 105.0	2.95	2.86	2.76	2.57	2.39	2.38	2.54	2.51	1.52	1.91	1.27	1.76
γ 106.0	2.89	2.89	2.79	2.50	2.48	2.19	2.43	2.41	1.47	1.92	1.39	1.72
γ 107.0	2.82	2.77	2.69	2.57	2.30	2.23	2.40	2.23	1.75	1.73	1.60	1.65
γ 108.0	3.02	2.66	2.70	2.58	2.28	2.33	2.33	2.05	1.56	1.90	1.78	1.70
γ 109.0	2.87	2.71	2.35	2.46	2.14	2.20	2.20	2.19	1.76	2.10	1.77	1.71
γ 110.0	2.74	2.53	2.45	2.40	2.06	1.95	2.11	2.00	1.79	1.98	1.57	1.56
γ 111.0	2.83	2.55	2.22	2.63	2.06	2.17	2.03	2.00	1.77	1.95	1.59	1.75
γ 112.0	2.60	2.63	2.42	2.69	1.98	2.32	2.19	2.13	2.01	1.95	1.83	1.75
γ 113.0	2.63	2.58	2.66	2.42	2.21	2.24	2.48	1.99	1.63	1.94	1.89	1.74
γ 114.0	2.90	2.56	2.62	2.40	2.03	2.22	2.33	2.00	1.90	1.96	1.80	1.79
γ 115.0	2.78	2.49	2.65	2.32	2.14	2.10	2.21	1.99	1.73	1.92	1.74	1.84
γ 116.0	2.64	2.45	2.47	2.34	2.05	1.95	2.21	1.86	1.70	2.00	1.53	1.86
γ 117.0	2.93	2.36	2.36	2.35	2.14	2.17	2.24	1.89	1.79	2.12	1.59	1.94
γ 118.0	2.73	2.26	2.18	2.10	2.22	2.08	2.35	2.16	1.71	1.98	1.91	1.91
γ 119.0	2.50	2.36	2.37	2.16	2.03	2.11	2.32	1.85	1.76	1.76	1.91	1.71
γ 120.0	2.44	2.47	2.38	2.15	2.01	2.02	2.10	1.85	2.00	1.79	1.81	1.72
γ 121.0	2.70	2.28	2.29	2.00	1.92	1.90	2.00	1.97	2.02	1.84	1.68	1.86
γ 122.0	2.45	2.32	2.40	2.06	2.13	1.75	2.14	1.79	1.87	1.80	1.74	1.91
γ 123.0	2.39	2.38	2.53	1.90	2.02	1.79	2.08	2.12	1.89	1.98	1.77	1.93
γ 124.0	2.46	2.39	2.28	1.77	1.80	1.67	1.87	1.88	1.97	2.20	1.77	1.84
γ 125.0	2.36	2.50	2.17	1.86	1.87	1.95	2.08	1.84	1.93	2.07	1.54	1.99
γ 126.0	2.51	2.39	2.22	1.99	2.07	1.83	2.14	1.82	1.85	1.90	1.46	1.96
γ 127.0	2.56	2.38	2.45	1.94	1.78	1.92	1.96	1.76	1.75	1.96	1.55	1.81
γ 128.0	2.65	2.50	2.45	2.04	1.90	1.80	2.05	1.60	1.61	2.00	1.55	1.92
γ 129.0	2.38	2.51	2.28	1.97	1.93	1.75	2.05	1.77	1.89	2.17	1.38	2.16
γ 130.0	2.22	2.30	2.04	1.83	2.00	1.76	2.06	1.62	1.92	2.26	1.63	2.31
γ 131.0	2.38	2.22	1.94	1.94	2.25	1.85	2.06	1.68	1.91	2.15	1.60	2.08
γ 132.0	2.39	2.16	2.28	1.96	1.99	1.63	2.01	1.84	1.84	1.90	1.67	1.76
γ 133.0	2.36	2.12	2.39	1.90	1.91	1.73	1.94	1.67	1.97	1.83	1.76	1.91
γ 134.0	2.22	2.18	2.33	1.85	2.03	2.00	1.96	1.85	1.92	1.96	1.60	2.12
γ 135.0	2.32	2.13	2.11	2.01	1.92	2.13	1.90	1.76	1.94	1.87	1.76	2.16
γ 136.0	2.34	2.13	2.11	1.98	1.89	2.27	2.04	1.78	2.05	1.98	1.90	2.13
γ 137.0	2.26	2.09	2.22	1.86	1.92	2.16	2.20	2.07	2.11	2.10	1.86	1.99
γ 138.0	2.41	2.29	2.10	1.84	2.08	2.23	2.28	2.02	2.22	2.07	1.85	1.86
γ 139.0	2.38	2.63	2.36	1.93	2.10	2.20	2.22	1.83	2.21	2.28	1.69	1.92
γ 140.0	2.61	2.49	2.35	1.93	2.20	2.19	2.15	2.06	2.35	2.47	2.09	1.96

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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	2.67	2.31	2.30	2.17	1.96	2.20	2.14	2.14	2.30	2.32	1.87	2.08
γ 142.0	2.67	2.42	2.41	2.20	2.35	2.03	2.20	2.28	2.19	2.32	2.26	2.13
γ 143.0	2.72	2.41	2.23	2.25	2.42	1.93	2.27	2.20	2.12	2.53	2.33	2.24
γ 144.0	2.60	2.41	2.48	2.29	2.61	2.07	2.40	2.31	2.08	2.46	2.22	2.15
γ 145.0	2.68	2.50	2.48	2.24	2.36	2.13	2.62	2.31	2.30	2.43	2.24	2.22
γ 146.0	2.76	2.72	2.27	2.25	2.47	2.16	2.53	2.15	2.47	2.55	2.35	2.50
γ 147.0	2.68	2.78	2.60	2.23	2.21	2.17	2.50	2.45	2.78	2.64	2.35	2.58
γ 148.0	2.74	2.71	2.50	2.20	2.72	2.22	2.69	2.60	2.64	2.80	2.55	2.47
γ 149.0	2.79	2.84	2.73	2.44	2.58	2.27	2.82	2.63	2.56	2.72	2.58	2.49
γ 150.0	2.94	2.84	2.65	2.46	2.86	2.16	2.82	2.70	2.47	2.68	2.71	2.58
γ 151.0	2.95	2.79	2.97	2.43	2.85	2.23	2.81	2.37	2.64	2.71	2.92	2.69
γ 152.0	3.06	2.96	2.91	2.39	3.00	2.52	2.85	2.49	2.73	2.75	2.79	2.80
γ 153.0	3.00	3.15	2.78	2.59	3.08	2.58	2.80	2.40	2.95	2.91	2.46	2.90
γ 154.0	3.08	3.14	2.80	2.90	3.02	2.63	2.79	2.63	3.14	2.91	2.59	2.90
γ 155.0	3.14	3.29	2.90	2.96	3.21	3.01	2.76	2.82	2.98	2.79	2.60	2.62
γ 156.0	3.06	3.40	3.05	3.03	3.42	2.87	2.90	2.62	3.03	2.95	2.85	2.70
γ 157.0	3.38	3.41	3.15	2.99	3.39	2.85	2.83	2.80	3.23	3.08	2.46	2.77
γ 158.0	3.28	3.59	3.21	2.94	3.04	2.82	2.93	2.78	3.20	3.09	2.90	2.95
γ 159.0	3.21	3.51	3.06	3.02	3.39	2.81	3.01	2.72	3.26	3.21	2.92	3.17
γ 160.0	3.18	3.22	2.99	3.09	3.38	3.07	2.86	2.79	3.16	3.15	2.87	3.10
γ 161.0	3.53	3.26	2.93	3.04	3.57	3.23	2.95	2.71	3.22	3.14	2.94	3.09
γ 162.0	3.37	3.38	3.16	3.09	3.54	3.17	3.18	2.77	3.33	3.26	2.91	3.10
γ 163.0	3.42	3.44	3.36	3.00	3.51	3.05	3.27	2.81	3.43	3.32	2.82	2.95
γ 164.0	3.51	3.50	3.07	3.22	3.31	3.07	3.36	3.16	3.39	3.45	3.06	3.09
γ 165.0	3.59	3.48	3.13	3.38	3.46	3.21	3.18	3.01	3.44	3.45	2.99	3.17
γ 166.0	3.68	3.41	3.49	3.30	3.42	3.33	3.11	2.89	3.46	3.32	3.37	3.07
γ 167.0	3.50	3.51	3.34	3.28	3.69	3.36	3.11	2.93	3.40	3.36	3.21	3.31
γ 168.0	3.53	3.69	3.46	3.27	3.62	3.27	3.16	3.14	3.85	3.51	3.07	3.48
γ 169.0	3.67	3.75	3.42	3.32	3.86	3.27	3.11	3.61	3.51	3.60	3.05	3.44
γ 170.0	3.73	3.66	3.45	3.34	3.63	3.34	2.94	3.38	3.63	3.62	3.40	3.44
γ 171.0	3.77	3.67	3.64	3.50	3.72	3.39	3.11	3.26	3.56	3.72	3.36	3.52
γ 172.0	3.63	3.91	3.48	3.40	3.44	3.34	3.37	3.21	3.48	3.85	3.22	3.55
γ 173.0	3.71	3.84	3.49	3.51	3.73	3.26	3.60	3.37	3.44	3.85	3.45	3.59
γ 174.0	3.84	3.88	3.55	3.72	4.02	3.48	3.53	3.15	3.75	3.78	3.20	3.53
γ 175.0	4.05	4.06	3.48	3.66	4.07	3.61	3.54	3.29	3.63	3.72	3.28	3.58
γ 176.0	3.76	3.86	3.27	3.61	3.96	3.65	3.41	3.50	3.82	3.77	3.39	3.72
γ 177.0	3.46	3.78	3.46	3.71	3.97	3.65	3.60	3.66	3.69	3.82	3.48	3.53
γ 178.0	3.79	3.82	3.69	3.83	3.73	3.62	3.74	3.38	3.88	3.87	3.65	3.59
γ 179.0	3.62	3.79	3.64	3.74	3.94	3.62	3.63	3.37	3.78	3.86	3.77	3.67
γ 180.0	3.72	3.72	3.72	3.72	3.72	3.72	3.72	3.72	3.72	3.72	3.72	3.72
V/H	C270.0	C292.5	C315.0	C337.5								
γ 0.0	1219.25	1219.25	1219.25	1219.25								
γ 1.0	1214.27	1214.07	1215.50	1218.57								
γ 2.0	1207.75	1208.87	1212.40	1216.57								
γ 3.0	1198.31	1202.12	1207.69	1212.24								
γ 4.0	1186.81	1193.77	1200.45	1205.15								
γ 5.0	1173.40	1183.14	1190.04	1194.99								

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## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 6. 0	1156. 17	1169. 82	1176. 23	1182. 02
γ 7. 0	1136. 39	1152. 75	1158. 85	1166. 45
γ 8. 0	1112. 85	1130. 93	1137. 60	1146. 78
γ 9. 0	1087. 12	1106. 02	1113. 52	1124. 79
γ 10. 0	1059. 32	1078. 97	1087. 48	1100. 62
γ 11. 0	1033. 40	1053. 05	1060. 62	1073. 98
γ 12. 0	1004. 18	1025. 06	1032. 59	1048. 58
γ 13. 0	966. 96	989. 59	999. 05	1021. 68
γ 14. 0	922. 16	946. 70	956. 83	984. 47
γ 15. 0	874. 10	899. 68	907. 60	937. 36
γ 16. 0	825. 65	850. 92	855. 86	884. 20
γ 17. 0	777. 30	802. 71	804. 74	831. 15
γ 18. 0	728. 31	753. 85	756. 11	779. 49
γ 19. 0	677. 07	702. 41	708. 24	729. 58
γ 20. 0	622. 34	647. 58	658. 46	678. 87
γ 21. 0	566. 33	591. 02	606. 43	627. 28
γ 22. 0	507. 08	532. 83	551. 88	572. 05
γ 23. 0	448. 19	473. 55	494. 99	514. 84
γ 24. 0	389. 17	414. 39	436. 64	454. 55
γ 25. 0	331. 57	356. 59	378. 27	395. 31
γ 26. 0	277. 77	301. 15	322. 01	337. 43
γ 27. 0	229. 58	250. 15	269. 87	282. 63
γ 28. 0	187. 39	205. 27	223. 09	233. 71
γ 29. 0	152. 09	166. 90	182. 94	191. 22
γ 30. 0	122. 77	134. 25	148. 80	155. 43
γ 31. 0	99. 09	107. 78	120. 34	125. 57
γ 32. 0	81. 41	87. 77	97. 06	101. 34
γ 33. 0	68. 74	73. 18	79. 80	82. 90
γ 34. 0	57. 72	61. 41	67. 08	69. 78
γ 35. 0	47. 79	51. 24	56. 15	58. 91
γ 36. 0	38. 87	42. 39	46. 43	49. 32
γ 37. 0	32. 32	35. 44	38. 43	41. 07
γ 38. 0	28. 37	30. 73	32. 44	34. 27
γ 39. 0	25. 75	27. 61	28. 70	30. 04
γ 40. 0	24. 08	25. 77	26. 35	27. 27
γ 41. 0	22. 55	24. 20	24. 61	24. 85
γ 42. 0	20. 85	22. 40	22. 99	23. 30
γ 43. 0	19. 32	21. 01	21. 43	21. 57
γ 44. 0	17. 58	19. 42	19. 99	19. 71
γ 45. 0	16. 08	17. 73	18. 36	18. 10
γ 46. 0	13. 99	15. 52	16. 25	16. 44
γ 47. 0	11. 03	12. 29	13. 35	13. 72
γ 48. 0	9. 18	9. 78	10. 21	10. 44
γ 49. 0	7. 52	7. 88	8. 08	8. 56
γ 50. 0	5. 97	6. 26	6. 53	7. 06
γ 51. 0	4. 56	4. 77	5. 00	5. 68
γ 52. 0	3. 83	3. 77	3. 82	4. 14

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 53.0	3.51	3.39	3.35	3.36
γ 54.0	3.05	3.16	3.04	3.36
γ 55.0	2.67	2.87	2.75	2.96
γ 56.0	2.27	2.37	2.53	2.68
γ 57.0	2.27	2.13	2.27	2.32
γ 58.0	2.18	1.93	1.87	1.95
γ 59.0	2.26	1.84	1.71	1.61
γ 60.0	1.82	1.66	1.62	1.54
γ 61.0	1.86	1.47	1.53	1.13
γ 62.0	1.72	1.35	1.31	1.33
γ 63.0	1.34	1.22	1.11	1.23
γ 64.0	1.38	1.17	1.13	1.39
γ 65.0	1.55	1.10	1.05	1.00
γ 66.0	1.07	0.86	1.01	0.95
γ 67.0	1.14	0.85	1.00	1.02
γ 68.0	0.94	0.75	0.93	0.72
γ 69.0	1.22	0.79	0.95	0.91
γ 70.0	1.12	0.78	0.95	0.69
γ 71.0	1.01	0.73	1.01	0.72
γ 72.0	1.02	0.92	0.96	0.79
γ 73.0	0.97	0.87	0.77	0.53
γ 74.0	1.08	0.90	0.65	1.03
γ 75.0	0.86	0.84	0.66	0.77
γ 76.0	1.04	1.10	0.80	0.63
γ 77.0	0.80	1.15	0.72	1.22
γ 78.0	0.96	1.00	0.70	0.97
γ 79.0	0.87	1.17	0.88	1.03
γ 80.0	0.99	1.12	1.03	0.94
γ 81.0	1.22	1.15	0.99	0.79
γ 82.0	1.36	1.32	1.00	0.84
γ 83.0	1.28	1.40	1.12	1.31
γ 84.0	1.20	1.47	1.15	0.94
γ 85.0	1.27	1.45	1.14	1.04
γ 86.0	1.56	1.57	1.04	1.11
γ 87.0	1.34	1.66	1.09	1.10
γ 88.0	1.34	1.65	1.07	1.23
γ 89.0	1.26	1.48	0.87	0.96
γ 90.0	1.19	1.48	0.89	1.18
γ 91.0	1.19	1.68	0.99	1.14
γ 92.0	1.57	1.49	1.06	1.19
γ 93.0	1.54	1.39	1.10	1.44
γ 94.0	1.75	1.50	1.29	1.19
γ 95.0	1.75	1.51	1.29	1.12
γ 96.0	1.71	1.58	1.25	1.12
γ 97.0	1.81	1.68	1.20	1.64
γ 98.0	1.86	1.56	1.24	1.43
γ 99.0	1.85	1.65	1.26	1.33

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
$\gamma$ 100.0	1.71	1.61	1.21	1.49
$\gamma$ 101.0	1.65	1.50	1.54	1.56
$\gamma$ 102.0	1.75	1.61	1.52	1.41
$\gamma$ 103.0	1.95	1.77	1.38	1.66
$\gamma$ 104.0	1.85	1.67	1.34	1.58
$\gamma$ 105.0	1.88	1.78	1.29	1.49
$\gamma$ 106.0	1.88	1.80	1.26	1.50
$\gamma$ 107.0	1.97	1.68	1.38	1.68
$\gamma$ 108.0	1.88	1.62	1.52	1.68
$\gamma$ 109.0	2.00	1.71	1.43	1.60
$\gamma$ 110.0	2.05	1.68	1.46	1.68
$\gamma$ 111.0	1.99	1.69	1.50	1.77
$\gamma$ 112.0	1.99	1.73	1.32	1.53
$\gamma$ 113.0	1.82	1.63	1.34	1.45
$\gamma$ 114.0	2.12	1.43	1.51	1.90
$\gamma$ 115.0	1.83	1.59	1.49	1.69
$\gamma$ 116.0	1.97	1.73	1.56	1.21
$\gamma$ 117.0	2.01	1.61	1.50	1.54
$\gamma$ 118.0	2.00	1.72	1.41	1.55
$\gamma$ 119.0	2.05	1.97	1.45	1.68
$\gamma$ 120.0	2.12	1.88	1.63	1.50
$\gamma$ 121.0	2.16	2.01	1.55	1.59
$\gamma$ 122.0	2.40	2.07	1.62	1.81
$\gamma$ 123.0	2.03	1.83	1.68	1.70
$\gamma$ 124.0	2.24	1.80	1.63	1.61
$\gamma$ 125.0	2.05	1.93	1.78	1.65
$\gamma$ 126.0	1.82	1.81	1.85	1.83
$\gamma$ 127.0	2.17	1.65	1.85	1.64
$\gamma$ 128.0	1.97	1.76	1.92	1.70
$\gamma$ 129.0	2.33	1.72	1.95	1.85
$\gamma$ 130.0	2.11	1.72	1.95	1.89
$\gamma$ 131.0	2.38	1.74	1.88	1.82
$\gamma$ 132.0	1.94	1.82	1.88	1.59
$\gamma$ 133.0	2.13	1.79	1.95	1.72
$\gamma$ 134.0	2.28	1.75	1.85	1.72
$\gamma$ 135.0	1.94	1.99	1.80	1.69
$\gamma$ 136.0	2.10	1.95	1.80	1.82
$\gamma$ 137.0	2.06	1.98	1.65	2.22
$\gamma$ 138.0	2.09	1.96	1.73	2.20
$\gamma$ 139.0	2.29	1.89	1.85	2.06
$\gamma$ 140.0	2.38	2.09	2.00	2.28
$\gamma$ 141.0	2.64	1.88	2.06	2.04
$\gamma$ 142.0	2.59	1.93	2.02	1.93
$\gamma$ 143.0	2.47	2.09	2.15	2.10
$\gamma$ 144.0	2.56	2.28	2.23	2.30
$\gamma$ 145.0	2.56	2.22	2.19	1.95
$\gamma$ 146.0	2.64	2.18	2.25	2.08

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# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-36D 200.IES

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 147.0	2.83	2.49	2.42	2.01
γ 148.0	3.10	2.58	2.51	2.12
γ 149.0	3.05	2.52	2.52	2.29
γ 150.0	3.08	2.48	2.52	2.07
γ 151.0	3.28	2.55	2.52	2.33
γ 152.0	3.25	2.58	2.59	2.19
γ 153.0	3.34	2.52	2.33	2.42
γ 154.0	3.07	2.70	2.36	2.25
γ 155.0	3.28	2.55	2.66	2.49
γ 156.0	3.48	2.68	2.60	2.48
γ 157.0	3.23	2.87	2.58	2.91
γ 158.0	3.06	2.89	2.69	2.76
γ 159.0	3.58	2.80	2.93	2.84
γ 160.0	3.58	2.81	3.18	2.80
γ 161.0	3.35	2.96	3.22	2.69
γ 162.0	3.81	2.99	3.05	3.04
γ 163.0	3.48	3.20	3.06	3.05
γ 164.0	3.43	3.40	3.21	3.01
γ 165.0	3.33	3.26	3.26	2.93
γ 166.0	3.25	3.22	3.36	2.73
γ 167.0	3.57	3.17	3.18	3.02
γ 168.0	3.77	3.20	3.14	3.02
γ 169.0	3.60	3.15	3.35	3.23
γ 170.0	3.61	3.10	3.36	3.32
γ 171.0	3.54	3.24	3.38	3.04
γ 172.0	3.90	3.29	3.43	3.20
γ 173.0	4.02	3.41	3.52	3.31
γ 174.0	3.73	3.50	3.39	3.42
γ 175.0	3.52	3.54	3.41	3.19
γ 176.0	3.66	3.43	3.61	3.17
γ 177.0	4.03	3.26	3.52	3.35
γ 178.0	3.87	3.47	3.44	3.29
γ 179.0	3.85	3.77	3.45	3.30
γ 180.0	3.72	3.72	3.72	3.72

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