

# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-24D 200.IES

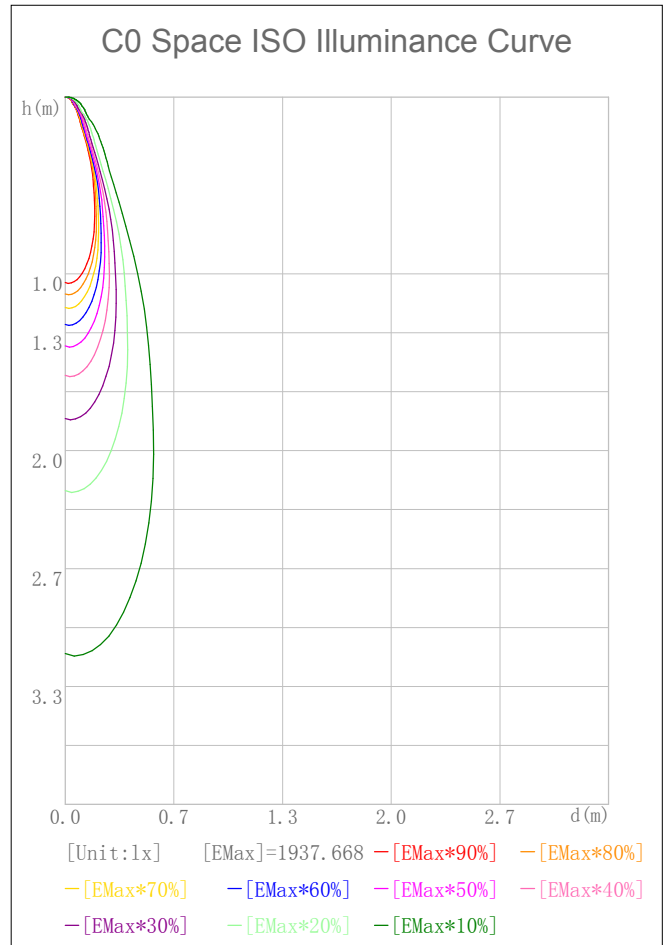
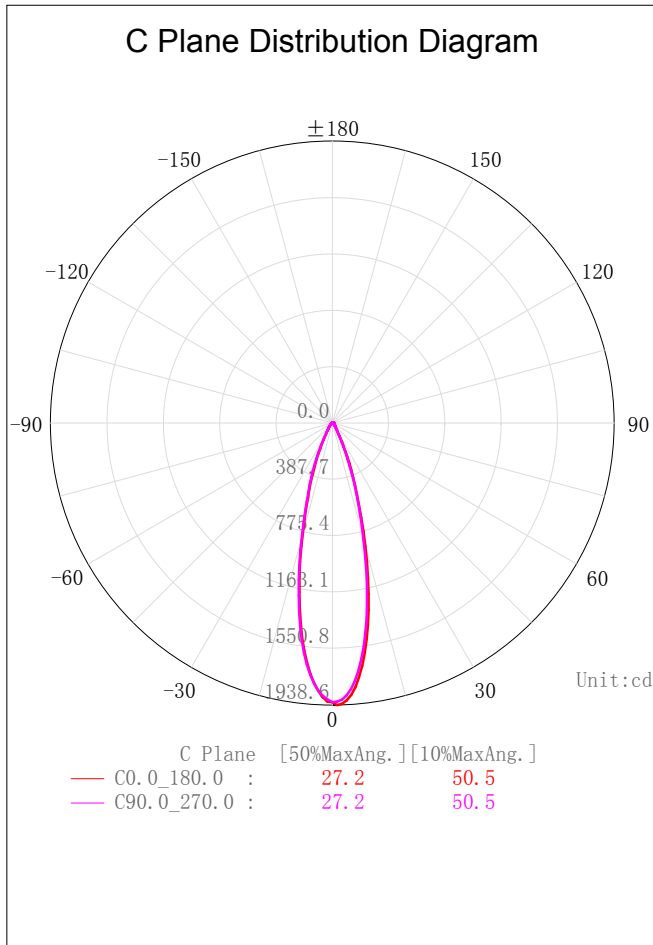
## Indoor Luminaire Photometric Data

### 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(°):24	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): 546.000	Luminaire Flux(lm): 546.317	Field Angle(10%Imax): 50.5(°)	
Rated Power(W): 8	Luminaire Efficiency: 100.06%	Down Lumens&Percent: 532.739lm 97.51%	
Rated Voltage(V): 220	Luminaire EER(lm/W): 65.624	Up Lumens&Percent: 13.578lm 2.49%	
Tested Power(W): 8.325	Max. Candela(cd): 1938.554	S/MH: C0_a180=0.461 C90_270=0.457	
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 $\gamma$ =1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):220.6, 0.065, 0.576	Beam Angle(50%Imax): 27.2(°)	ErP $\Phi$ use(90°): 512.284lm	
Lamp Size(W*L*H):0.066m*0.066m*0.000m	Left=-13.1°, Right=14.2°	IRF(%): 752.234	



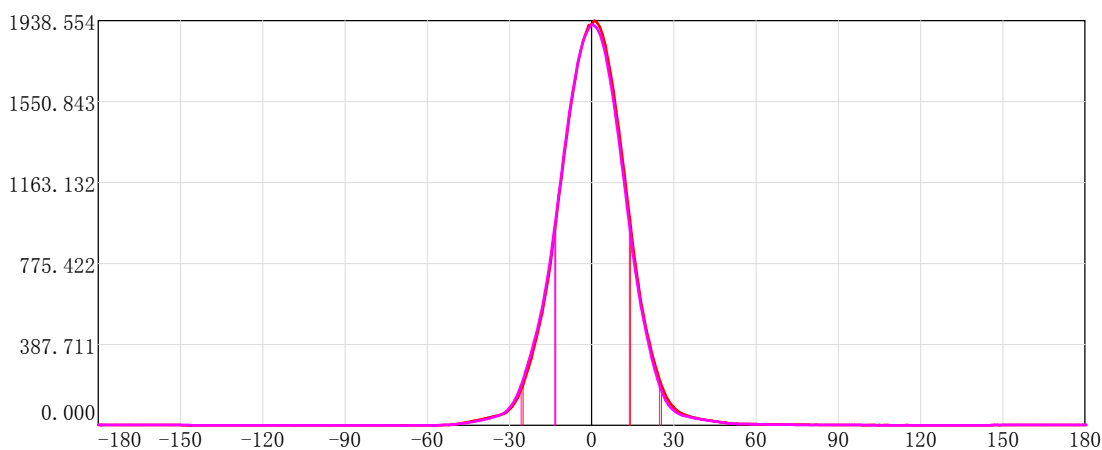
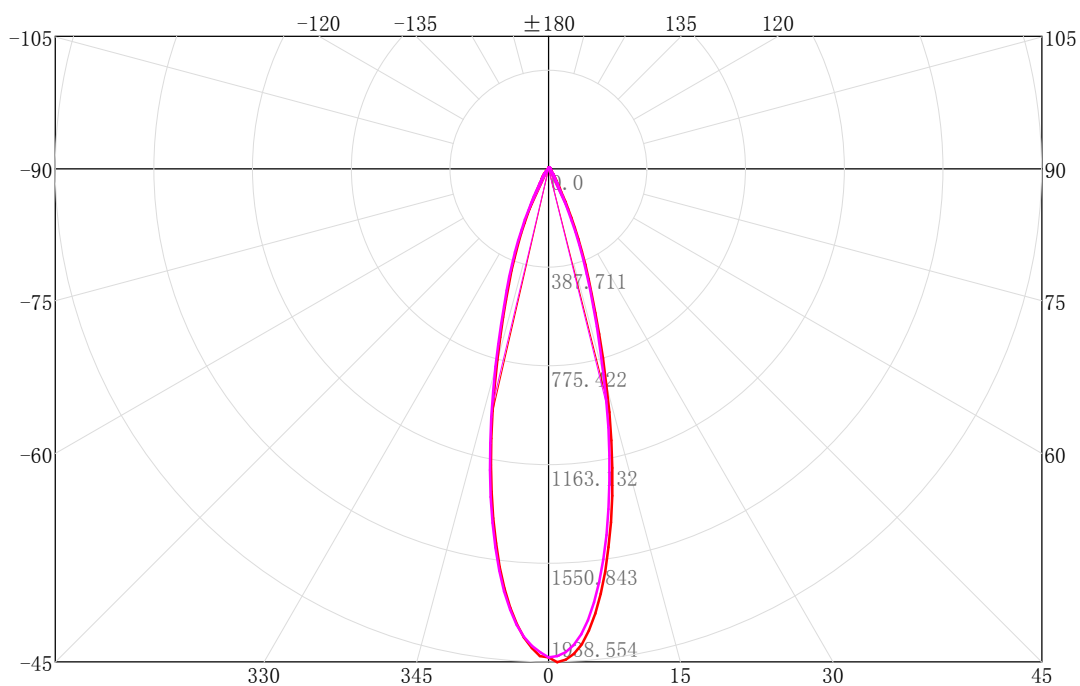
# IES Indoor Report

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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 :	27.2	50.5	
—	C90.0_270.0 :	27.2	50.5	

**IES Indoor Report**

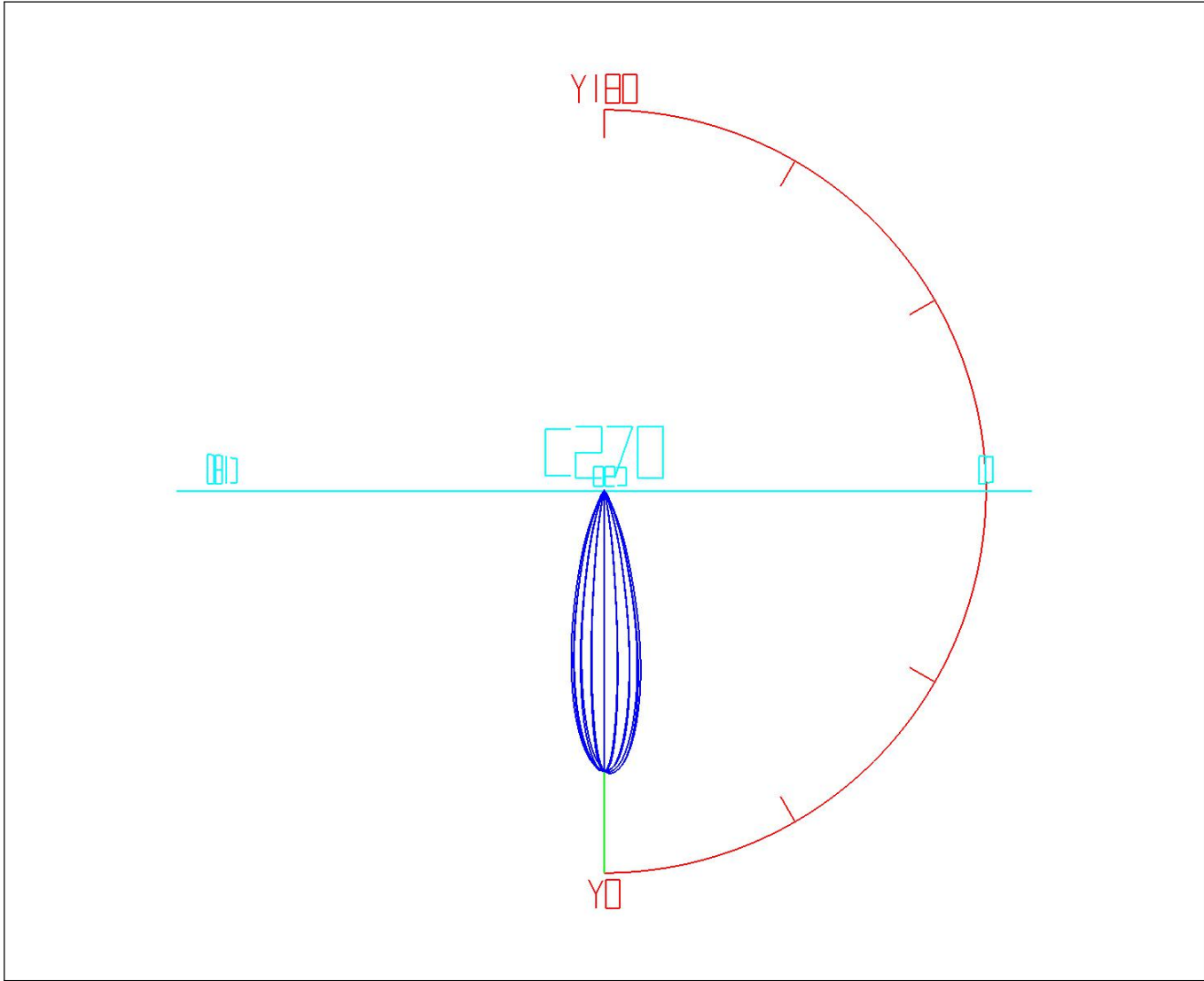
**Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-24D 200.IES**

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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

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-24D 200.IES

## 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	1.83	1.83	0.34	0.34	47.0-48.0	1.05	517.38	0.19	94.76
1.0-2.0	5.47	7.30	1.00	1.34	48.0-49.0	0.93	518.30	0.17	94.93
2.0-3.0	8.99	16.29	1.65	2.98	49.0-50.0	0.79	519.10	0.15	95.07
3.0-4.0	12.34	28.63	2.26	5.24	50.0-51.0	0.67	519.76	0.12	95.19
4.0-5.0	15.43	44.06	2.83	8.07	51.0-52.0	0.58	520.34	0.11	95.30
5.0-6.0	18.20	62.26	3.33	11.40	52.0-53.0	0.53	520.87	0.10	95.40
6.0-7.0	20.59	82.85	3.77	15.17	53.0-54.0	0.50	521.37	0.09	95.49
7.0-8.0	22.56	105.41	4.13	19.31	54.0-55.0	0.48	521.85	0.09	95.58
8.0-9.0	24.08	129.49	4.41	23.72	55.0-56.0	0.46	522.31	0.08	95.66
9.0-10.0	25.14	154.64	4.60	28.32	56.0-57.0	0.44	522.74	0.08	95.74
10.0-11.0	25.74	180.38	4.71	33.04	57.0-58.0	0.42	523.16	0.08	95.82
11.0-12.0	25.89	206.27	4.74	37.78	58.0-59.0	0.40	523.56	0.07	95.89
12.0-13.0	25.62	231.89	4.69	42.47	59.0-60.0	0.38	523.94	0.07	95.96
13.0-14.0	24.93	256.82	4.57	47.04	60.0-61.0	0.37	524.31	0.07	96.03
14.0-15.0	23.90	280.72	4.38	51.41	61.0-62.0	0.36	524.67	0.07	96.09
15.0-16.0	22.63	303.35	4.15	55.56	62.0-63.0	0.35	525.03	0.06	96.16
16.0-17.0	21.24	324.59	3.89	59.45	63.0-64.0	0.34	525.37	0.06	96.22
17.0-18.0	19.83	344.42	3.63	63.08	64.0-65.0	0.34	525.71	0.06	96.28
18.0-19.0	18.48	362.90	3.38	66.47	65.0-66.0	0.33	526.04	0.06	96.34
19.0-20.0	17.15	380.05	3.14	69.61	66.0-67.0	0.32	526.36	0.06	96.40
20.0-21.0	15.80	395.86	2.89	72.50	67.0-68.0	0.32	526.68	0.06	96.46
21.0-22.0	14.39	410.25	2.64	75.14	68.0-69.0	0.31	526.99	0.06	96.52
22.0-23.0	12.91	423.16	2.37	77.50	69.0-70.0	0.30	527.29	0.05	96.57
23.0-24.0	11.41	434.57	2.09	79.59	70.0-71.0	0.29	527.58	0.05	96.63
24.0-25.0	9.94	444.51	1.82	81.41	71.0-72.0	0.30	527.88	0.05	96.68
25.0-26.0	8.55	453.06	1.57	82.98	72.0-73.0	0.29	528.17	0.05	96.73
26.0-27.0	7.30	460.36	1.34	84.31	73.0-74.0	0.29	528.46	0.05	96.79
27.0-28.0	6.22	466.58	1.14	85.45	74.0-75.0	0.28	528.74	0.05	96.84
28.0-29.0	5.33	471.91	0.98	86.43	75.0-76.0	0.28	529.02	0.05	96.89
29.0-30.0	4.61	476.52	0.84	87.28	76.0-77.0	0.27	529.29	0.05	96.94
30.0-31.0	4.04	480.56	0.74	88.02	77.0-78.0	0.27	529.57	0.05	96.99
31.0-32.0	3.59	484.15	0.66	88.67	78.0-79.0	0.27	529.84	0.05	97.04
32.0-33.0	3.25	487.40	0.59	89.27	79.0-80.0	0.27	530.11	0.05	97.09
33.0-34.0	3.01	490.41	0.55	89.82	80.0-81.0	0.27	530.38	0.05	97.14
34.0-35.0	2.84	493.25	0.52	90.34	81.0-82.0	0.27	530.65	0.05	97.19
35.0-36.0	2.68	495.93	0.49	90.83	82.0-83.0	0.26	530.91	0.05	97.24
36.0-37.0	2.53	498.46	0.46	91.29	83.0-84.0	0.26	531.17	0.05	97.28
37.0-38.0	2.39	500.86	0.44	91.73	84.0-85.0	0.26	531.43	0.05	97.33
38.0-39.0	2.26	503.11	0.41	92.15	85.0-86.0	0.26	531.70	0.05	97.38
39.0-40.0	2.12	505.23	0.39	92.53	86.0-87.0	0.26	531.96	0.05	97.43
40.0-41.0	1.98	507.21	0.36	92.90	87.0-88.0	0.26	532.22	0.05	97.48
41.0-42.0	1.84	509.05	0.34	93.23	88.0-89.0	0.26	532.48	0.05	97.52
42.0-43.0	1.71	510.76	0.31	93.55	89.0-90.0	0.26	532.74	0.05	97.57
43.0-44.0	1.59	512.35	0.29	93.84	90.0-91.0	0.25	532.99	0.05	97.62
44.0-45.0	1.47	513.81	0.27	94.11	91.0-92.0	0.25	533.24	0.05	97.66
45.0-46.0	1.33	515.15	0.24	94.35	92.0-93.0	0.25	533.49	0.05	97.71
46.0-47.0	1.18	516.33	0.22	94.57	93.0-94.0	0.24	533.73	0.04	97.75

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## Zonal Flux Tabulation - (Cont.)

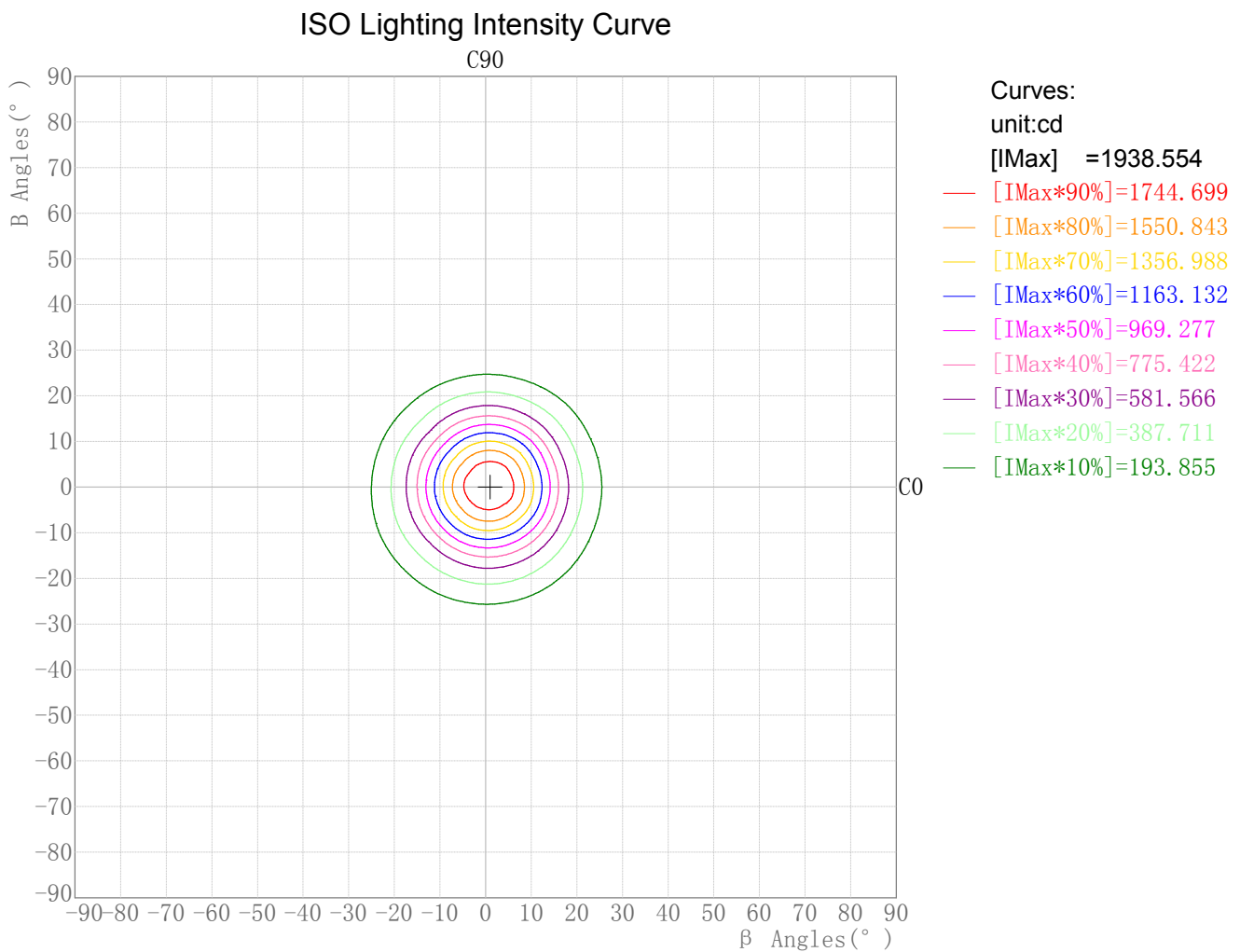
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.24	533.97	0.04	97.80	141.0-142.0	0.14	542.70	0.03	99.40
95.0-96.0	0.24	534.21	0.04	97.84	142.0-143.0	0.14	542.84	0.03	99.42
96.0-97.0	0.24	534.45	0.04	97.88	143.0-144.0	0.14	542.98	0.03	99.45
97.0-98.0	0.24	534.69	0.04	97.93	144.0-145.0	0.13	543.11	0.02	99.47
98.0-99.0	0.23	534.92	0.04	97.97	145.0-146.0	0.13	543.25	0.02	99.50
99.0-100.0	0.23	535.15	0.04	98.01	146.0-147.0	0.14	543.38	0.03	99.52
100.0-101.0	0.22	535.37	0.04	98.05	147.0-148.0	0.14	543.52	0.03	99.55
101.0-102.0	0.23	535.60	0.04	98.09	148.0-149.0	0.14	543.66	0.03	99.57
102.0-103.0	0.22	535.82	0.04	98.14	149.0-150.0	0.14	543.80	0.03	99.60
103.0-104.0	0.22	536.04	0.04	98.18	150.0-151.0	0.14	543.93	0.03	99.62
104.0-105.0	0.22	536.26	0.04	98.22	151.0-152.0	0.14	544.07	0.02	99.65
105.0-106.0	0.21	536.47	0.04	98.25	152.0-153.0	0.13	544.20	0.02	99.67
106.0-107.0	0.21	536.68	0.04	98.29	153.0-154.0	0.13	544.33	0.02	99.69
107.0-108.0	0.21	536.89	0.04	98.33	154.0-155.0	0.13	544.46	0.02	99.72
108.0-109.0	0.20	537.09	0.04	98.37	155.0-156.0	0.13	544.59	0.02	99.74
109.0-110.0	0.20	537.29	0.04	98.41	156.0-157.0	0.13	544.71	0.02	99.76
110.0-111.0	0.20	537.49	0.04	98.44	157.0-158.0	0.12	544.84	0.02	99.79
111.0-112.0	0.20	537.69	0.04	98.48	158.0-159.0	0.12	544.96	0.02	99.81
112.0-113.0	0.20	537.89	0.04	98.51	159.0-160.0	0.12	545.07	0.02	99.83
113.0-114.0	0.19	538.08	0.04	98.55	160.0-161.0	0.11	545.19	0.02	99.85
114.0-115.0	0.19	538.27	0.04	98.59	161.0-162.0	0.11	545.30	0.02	99.87
115.0-116.0	0.19	538.47	0.04	98.62	162.0-163.0	0.11	545.40	0.02	99.89
116.0-117.0	0.19	538.65	0.03	98.65	163.0-164.0	0.10	545.50	0.02	99.91
117.0-118.0	0.18	538.84	0.03	98.69	164.0-165.0	0.09	545.60	0.02	99.93
118.0-119.0	0.18	539.02	0.03	98.72	165.0-166.0	0.09	545.69	0.02	99.94
119.0-120.0	0.18	539.20	0.03	98.75	166.0-167.0	0.08	545.77	0.02	99.96
120.0-121.0	0.18	539.38	0.03	98.79	167.0-168.0	0.08	545.85	0.01	99.97
121.0-122.0	0.18	539.56	0.03	98.82	168.0-169.0	0.07	545.93	0.01	99.99
122.0-123.0	0.18	539.74	0.03	98.85	169.0-170.0	0.07	545.99	0.01	100.00
123.0-124.0	0.18	539.92	0.03	98.89	170.0-171.0	0.06	546.05	0.01	100.01
124.0-125.0	0.17	540.09	0.03	98.92	171.0-172.0	0.06	546.11	0.01	100.02
125.0-126.0	0.17	540.26	0.03	98.95	172.0-173.0	0.05	546.16	0.01	100.03
126.0-127.0	0.17	540.43	0.03	98.98	173.0-174.0	0.04	546.20	0.01	100.04
127.0-128.0	0.17	540.60	0.03	99.01	174.0-175.0	0.04	546.24	0.01	100.04
128.0-129.0	0.16	540.76	0.03	99.04	175.0-176.0	0.03	546.27	0.01	100.05
129.0-130.0	0.16	540.92	0.03	99.07	176.0-177.0	0.02	546.29	0.00	100.05
130.0-131.0	0.16	541.08	0.03	99.10	177.0-178.0	0.02	546.30	0.00	100.06
131.0-132.0	0.15	541.23	0.03	99.13	178.0-179.0	0.01	546.31	0.00	100.06
132.0-133.0	0.15	541.39	0.03	99.16	179.0-180.0	0.00	546.32	0.00	100.06
133.0-134.0	0.15	541.54	0.03	99.18					
134.0-135.0	0.15	541.70	0.03	99.21					
135.0-136.0	0.15	541.85	0.03	99.24					
136.0-137.0	0.15	541.99	0.03	99.27					
137.0-138.0	0.15	542.14	0.03	99.29					
138.0-139.0	0.14	542.29	0.03	99.32					
139.0-140.0	0.14	542.43	0.03	99.35					
140.0-141.0	0.14	542.56	0.03	99.37					

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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



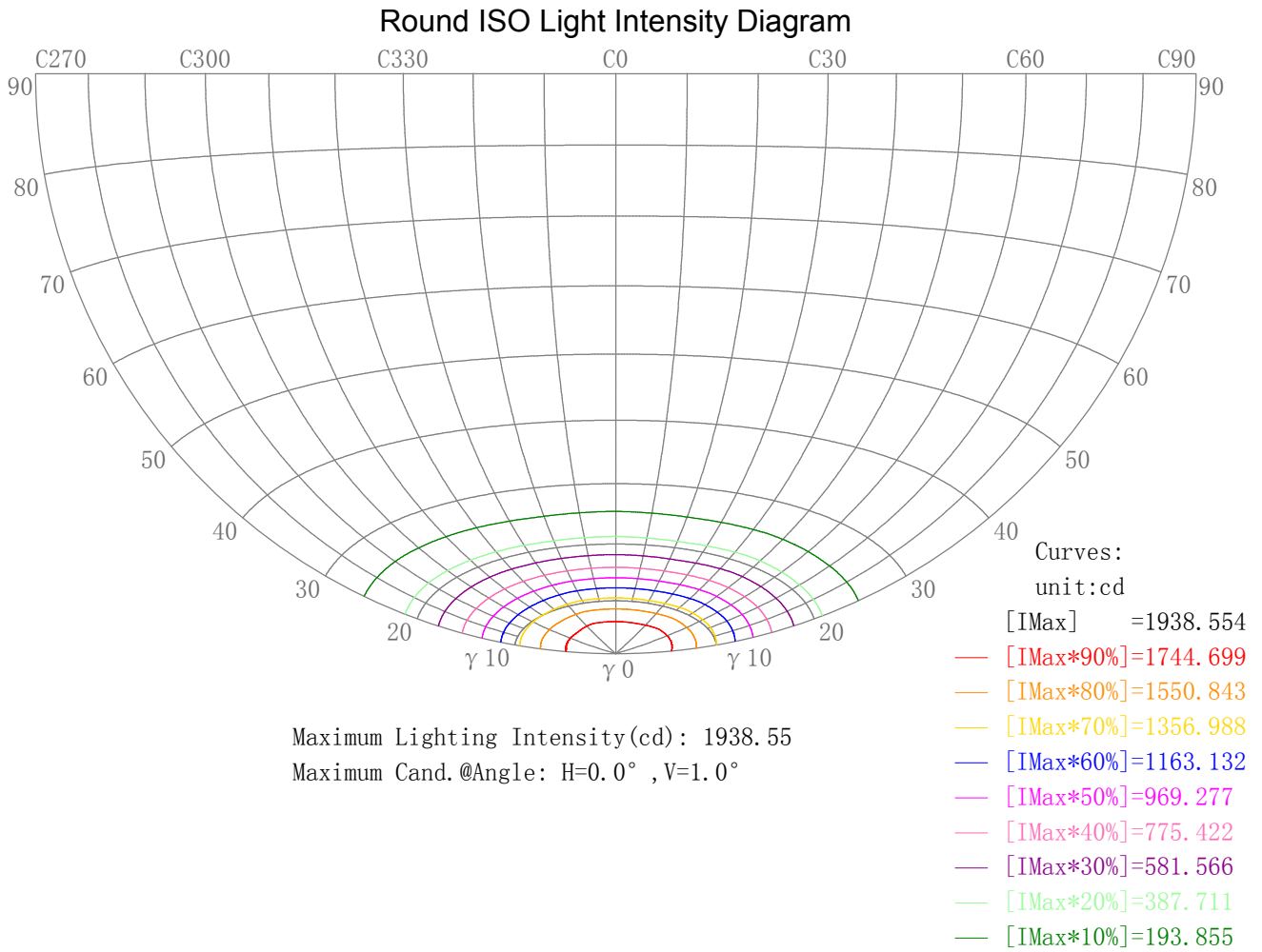
**IES Indoor Report**

**Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-24D 200.IES**

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**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



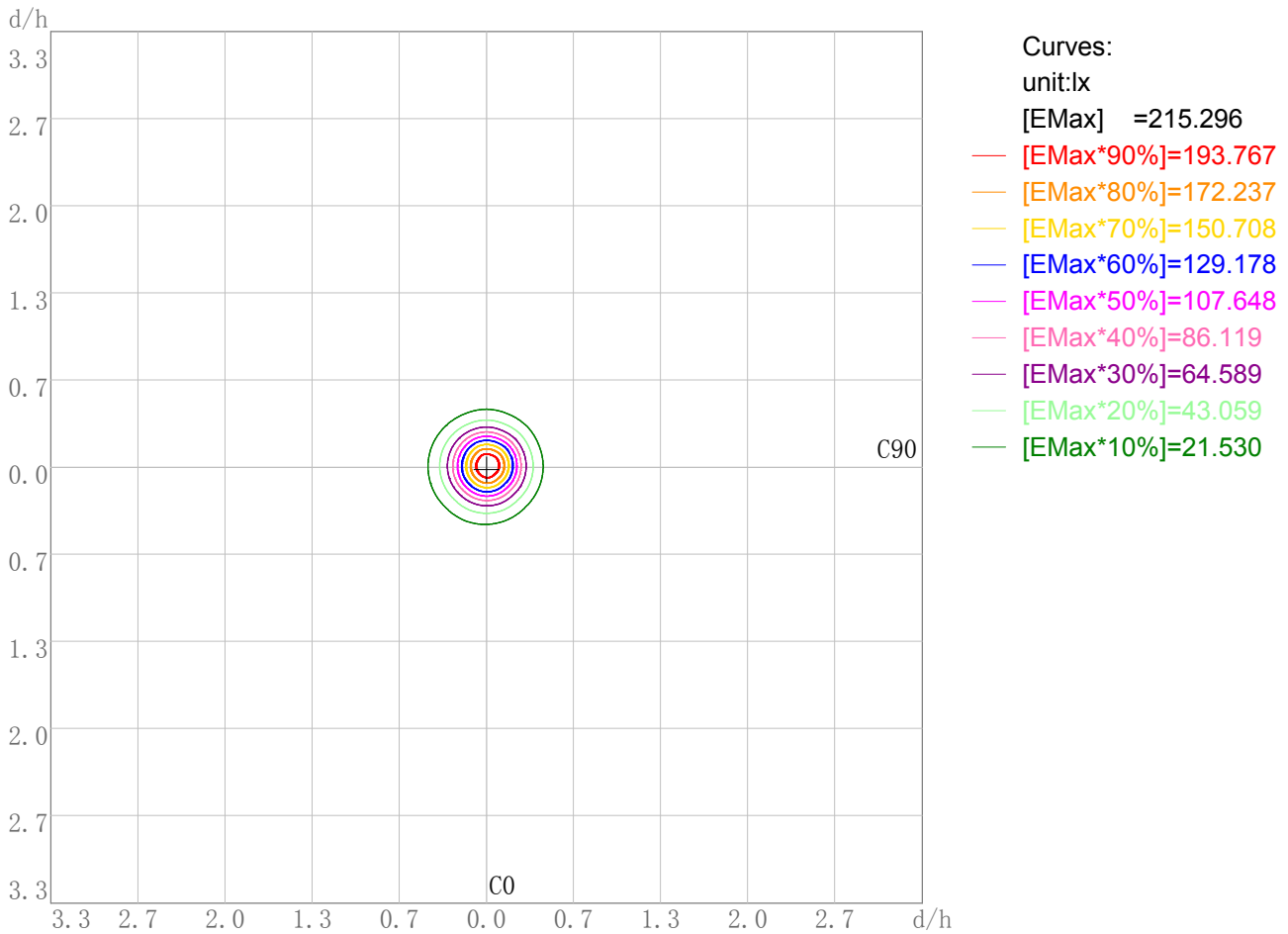
# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-24D 200.IES

## 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): 215.30

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0



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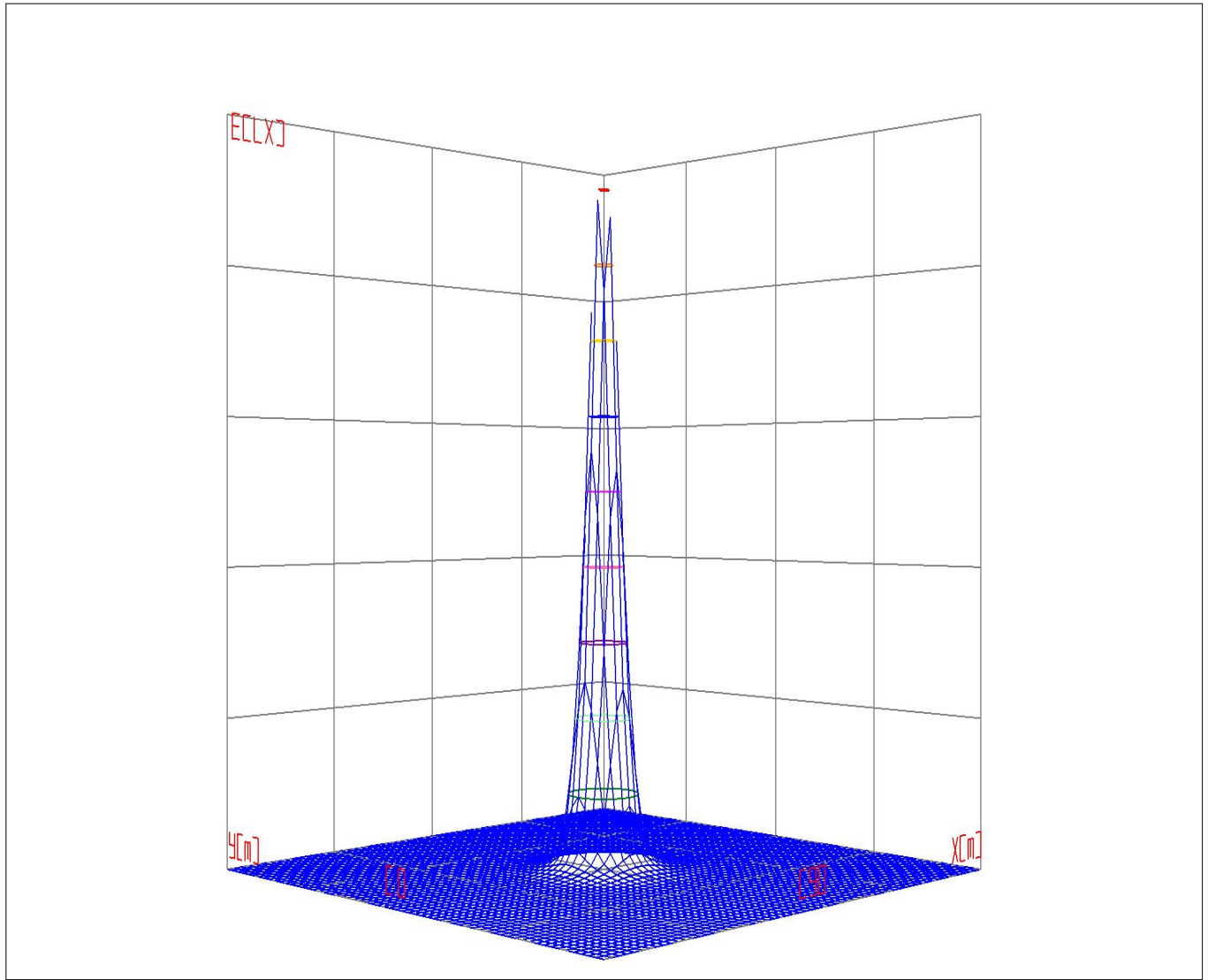
Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-24D 200.IES

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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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# IES Indoor Report

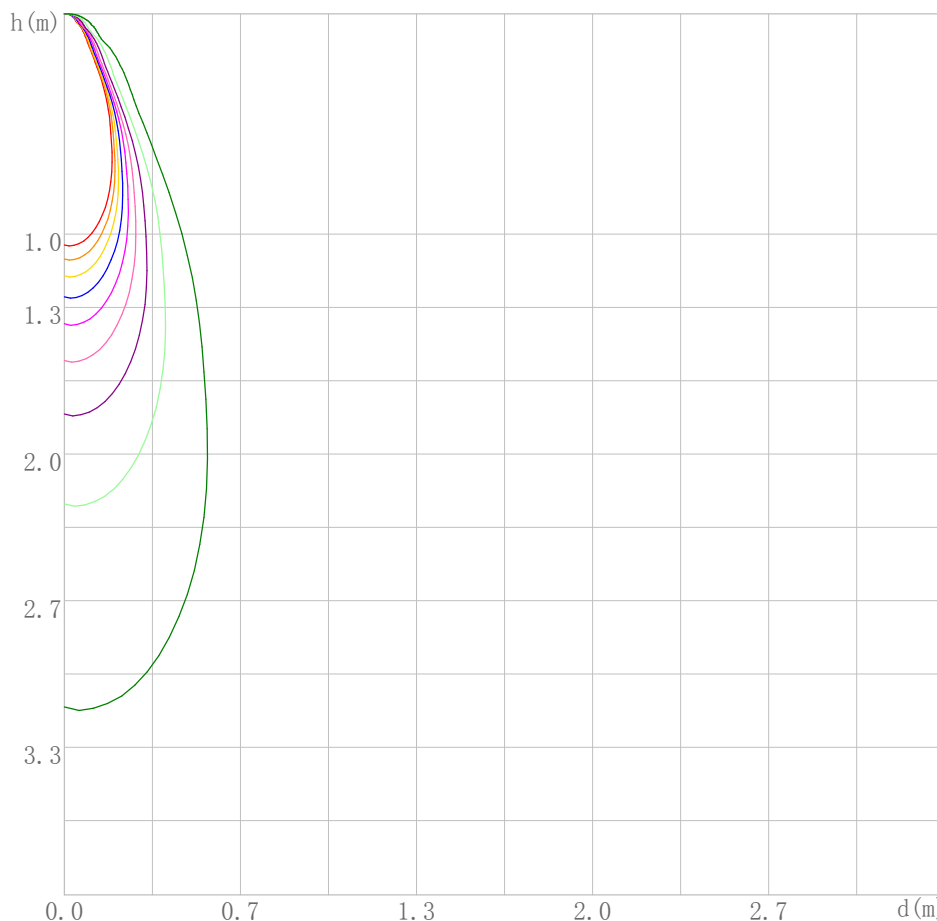
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## Space ISO Illuminance Diagram

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



- Curves:  
[Unit: lx]  
[EMax] =1937.668
- [EMax\*90%]=1743.902
  - [EMax\*80%]=1550.135
  - [EMax\*70%]=1356.368
  - [EMax\*60%]=1162.601
  - [EMax\*50%]=968.834
  - [EMax\*40%]=775.067
  - [EMax\*30%]=581.301
  - [EMax\*20%]=387.534
  - [EMax\*10%]=193.767

Space Plane Maximum Illuminance and @Angle:1937.67lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:1938.554cd,0deg

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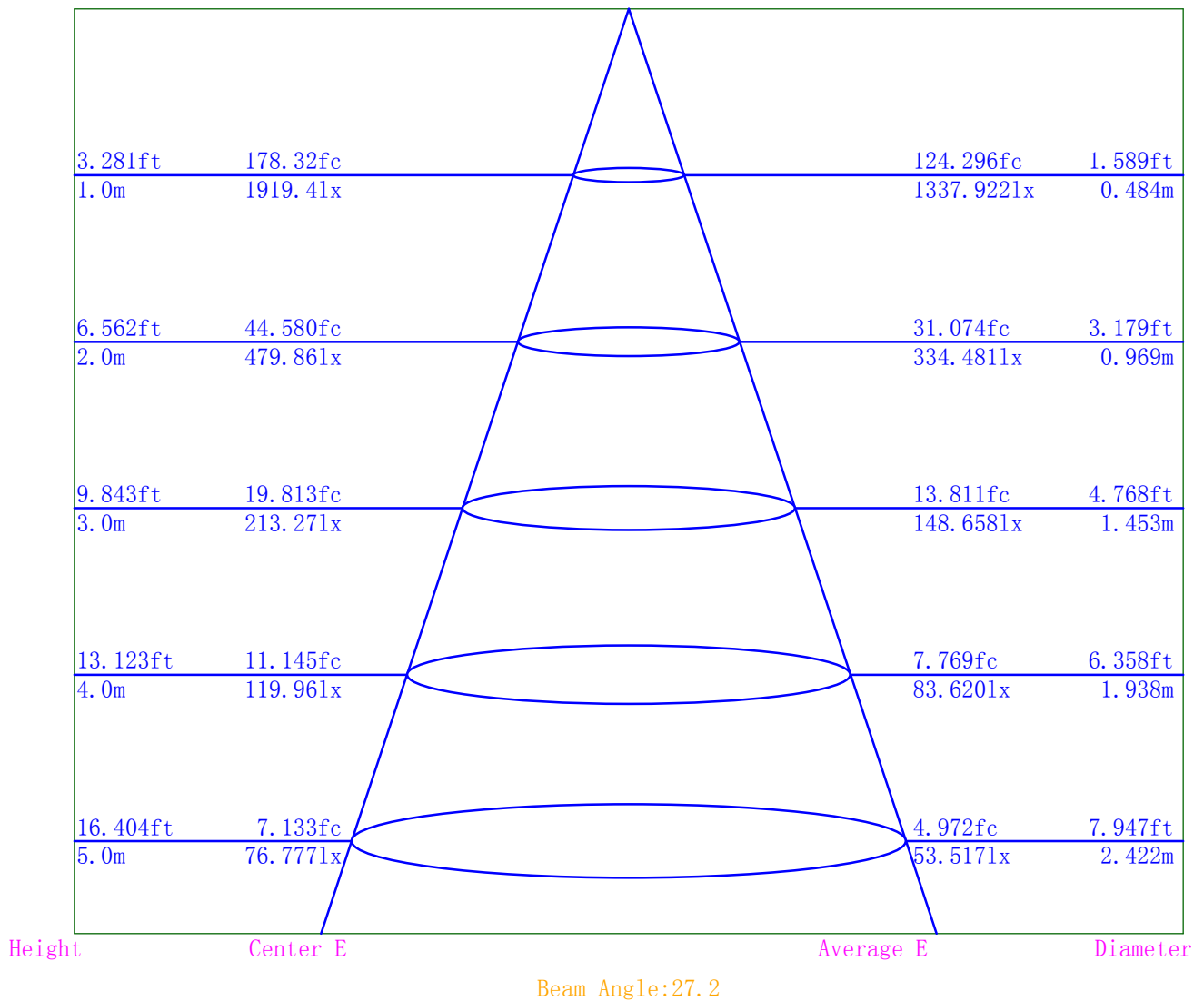
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Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-24D 200.IES

## 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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Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-24D 200.IES

## 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

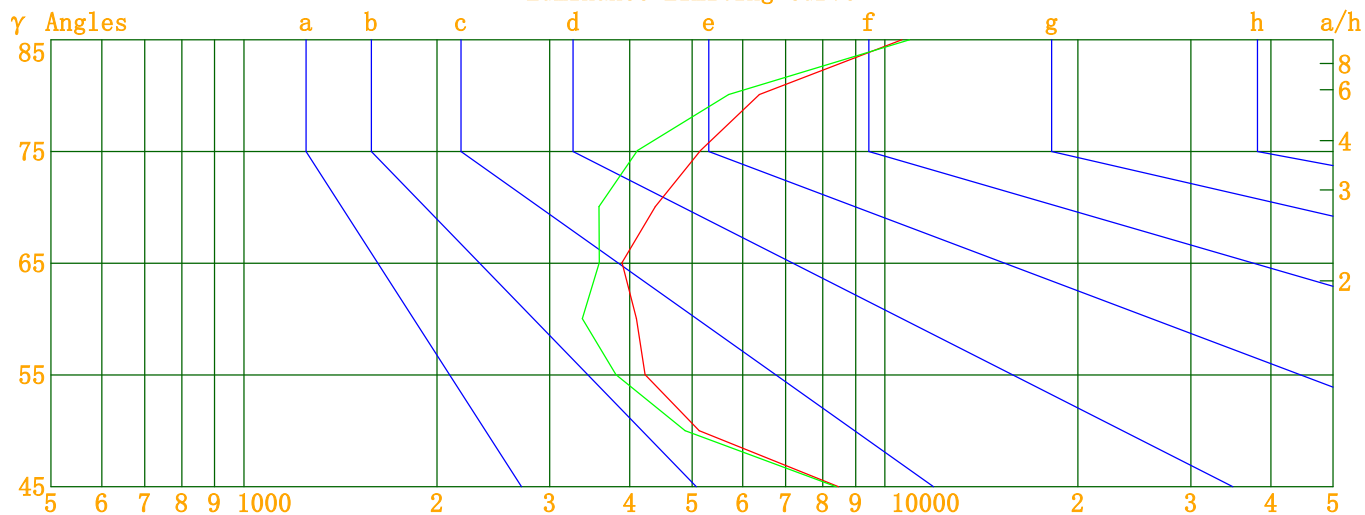
Glare Grade Table

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	8457	5131	4223	4098	3890	4382	5153	6366	10628
C90	8391	4875	3805	3371	3583	3581	4112	5703	10923

Luminance Limiting Curve



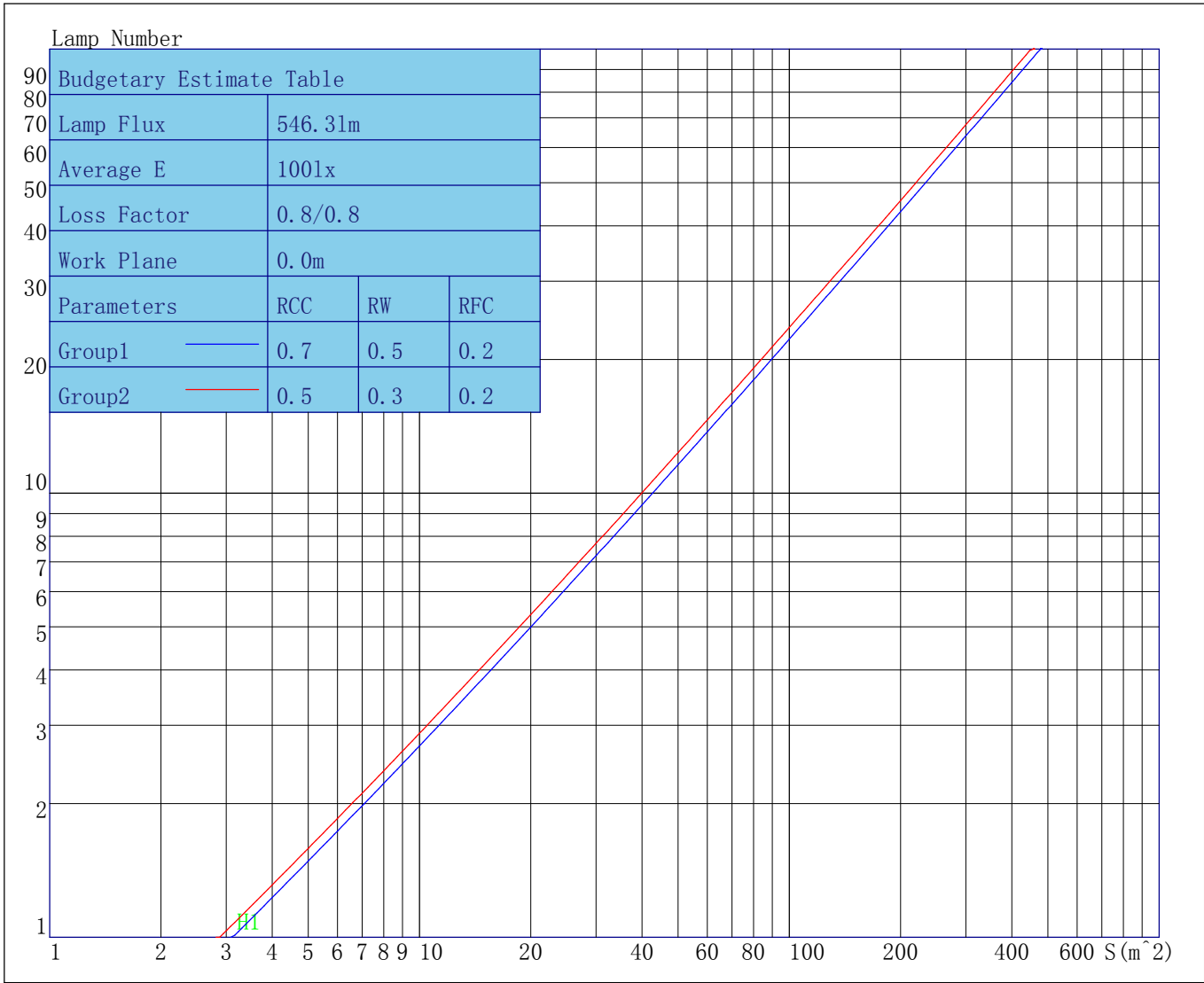
Luminous Size: Length(m)=-0.066 Width(m)=-0.066 Height(m)=0.000 Area(m^2)=0.003421  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-24D 200.IES

## 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 ZHT35-24D 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	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	114	111	109	107	111	109	107	105	104	103	101	100	99	98	97	96	95	93
2	109	105	102	99	107	103	100	98	100	97	95	96	94	93	93	92	90	89
3	105	100	96	92	103	98	95	92	95	92	90	93	90	88	90	88	87	85
4	101	95	91	87	100	94	90	87	92	88	85	89	87	84	87	85	83	82
5	98	91	86	83	96	90	86	82	88	84	82	86	83	81	85	82	80	78
6	94	87	83	79	93	87	82	79	85	81	78	83	80	77	82	79	77	76
7	91	84	79	76	90	83	79	76	82	78	75	81	77	75	79	76	74	73
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72	70
9	86	78	74	70	85	78	73	70	77	73	70	76	72	70	75	72	69	68
10	83	76	71	68	82	75	71	68	74	70	68	73	70	67	73	69	67	66

# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-24D 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	11.3	12.2	11.7	12.6	12.9	11.7	12.7	12.1	13.0	13.4
	Y=3H	12.1	12.9	12.5	13.3	13.7	12.6	13.5	13.1	13.9	14.3
	Y=4H	12.7	13.5	13.2	13.9	14.3	13.2	14.0	13.7	14.4	14.9
	Y=6H	13.6	14.3	14.1	14.7	15.2	14.0	14.7	14.5	15.1	15.6
	Y=8H	14.3	14.9	14.7	15.4	15.8	14.5	15.2	15.0	15.6	16.1
	Y=12H	15.0	15.6	15.5	16.1	16.6	15.2	15.8	15.7	16.3	16.8
X=4H	Y=2H	11.3	12.0	11.7	12.5	12.9	11.9	12.7	12.4	13.1	13.6
	Y=3H	12.3	12.9	12.8	13.4	13.9	13.2	13.8	13.7	14.3	14.8
	Y=4H	13.1	13.7	13.6	14.1	14.7	14.0	14.6	14.5	15.1	15.6
	Y=6H	14.3	14.8	14.8	15.3	15.8	15.1	15.6	15.6	16.1	16.6
	Y=8H	15.1	15.5	15.6	16.0	16.6	15.8	16.2	16.3	16.7	17.2
	Y=12H	16.0	16.4	16.6	17.0	17.5	16.6	17.0	17.1	17.5	18.1
X=8H	Y=4H	13.3	13.8	13.9	14.3	14.8	14.4	14.9	14.9	15.4	15.9
	Y=6H	14.8	15.1	15.3	15.7	16.2	15.8	16.1	16.3	16.7	17.3
	Y=8H	15.7	16.0	16.3	16.6	17.2	16.7	17.0	17.3	17.6	18.1
	Y=12H	16.9	17.2	17.5	17.7	18.4	17.8	18.1	18.4	18.6	19.2
X=12H	Y=4H	13.4	13.8	13.9	14.3	14.9	14.5	14.9	15.0	15.4	16.0
	Y=6H	14.9	15.2	15.5	15.7	16.3	16.0	16.3	16.6	16.8	17.4
	Y=8H	16.0	16.2	16.5	16.8	17.4	17.0	17.3	17.6	17.8	18.5
Variations with the objerver position at spacings											
S=1.0H	0.1/-0.1					0.1/-0.1					
S=1.5H	0.2/-0.2					0.1/-0.1					
S=2.0H	0.2/-0.4					0.2/-0.2					
Reduced UGR Table:											
Nordic Standard Table:	BKO					BKO					
Correction Value	3.6					3.9					

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 ZHT35-24D 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	1919.42	1919.42	1919.42	1919.42	1919.42	1919.42	1919.42	1919.42	1919.42	1919.42	1919.42	1919.42
$\gamma$ 1.0	1938.55	1931.46	1929.82	1923.05	1914.38	1908.12	1894.03	1912.50	1914.89	1906.36	1904.07	1901.54
$\gamma$ 2.0	1930.05	1924.74	1924.23	1913.63	1901.31	1889.44	1871.23	1883.70	1884.09	1875.70	1875.11	1874.27
$\gamma$ 3.0	1907.90	1903.91	1904.32	1890.04	1874.20	1858.18	1835.90	1846.23	1844.04	1835.01	1833.15	1836.46
$\gamma$ 4.0	1872.08	1867.91	1870.40	1854.42	1834.07	1815.18	1788.90	1796.48	1792.90	1783.86	1778.82	1787.05
$\gamma$ 5.0	1821.46	1816.64	1824.25	1803.96	1779.98	1755.91	1728.38	1733.93	1729.68	1720.81	1715.15	1726.06
$\gamma$ 6.0	1756.67	1753.48	1763.03	1739.87	1712.68	1686.33	1656.33	1661.20	1656.74	1647.46	1642.04	1654.89
$\gamma$ 7.0	1682.23	1679.96	1689.25	1665.41	1635.71	1607.05	1575.10	1579.12	1575.24	1565.76	1560.18	1574.59
$\gamma$ 8.0	1597.72	1595.84	1606.49	1581.07	1549.96	1519.53	1485.37	1489.31	1485.54	1476.31	1469.76	1484.82
$\gamma$ 9.0	1504.89	1504.14	1515.51	1490.05	1456.82	1424.49	1388.21	1391.94	1388.97	1380.31	1373.94	1390.59
$\gamma$ 10.0	1409.88	1406.39	1418.14	1392.77	1358.01	1323.14	1285.66	1290.17	1287.84	1279.88	1273.91	1292.16
$\gamma$ 11.0	1308.90	1303.40	1315.38	1291.19	1255.38	1219.53	1181.81	1187.14	1184.86	1177.45	1170.74	1189.41
$\gamma$ 12.0	1201.49	1196.32	1209.51	1187.42	1150.51	1116.32	1077.10	1083.83	1082.84	1074.22	1068.87	1086.37
$\gamma$ 13.0	1094.47	1086.99	1100.61	1079.65	1043.37	1009.79	971.03	979.56	977.68	970.55	965.87	984.65
$\gamma$ 14.0	985.86	977.46	989.75	968.45	935.83	903.03	867.93	877.47	873.75	868.13	864.28	882.23
$\gamma$ 15.0	877.11	869.15	879.43	859.85	832.56	804.61	771.67	781.53	776.96	770.19	766.40	784.59
$\gamma$ 16.0	773.91	763.90	774.05	758.05	736.41	712.71	681.51	693.69	688.19	681.55	676.21	693.88
$\gamma$ 17.0	678.52	666.82	678.51	664.56	648.98	627.08	599.07	613.05	609.38	604.90	596.34	613.70
$\gamma$ 18.0	595.43	582.40	596.11	583.25	571.36	551.41	526.17	541.83	540.86	538.61	528.14	545.47
$\gamma$ 19.0	523.43	510.17	524.72	511.33	502.47	484.64	461.23	478.59	480.60	480.70	469.80	486.16
$\gamma$ 20.0	460.17	447.39	460.30	446.28	439.13	423.44	402.48	420.24	425.55	428.22	418.29	433.00
$\gamma$ 21.0	403.00	390.90	399.91	384.14	378.75	364.23	347.62	363.94	372.62	377.82	371.33	385.45
$\gamma$ 22.0	349.45	337.88	342.36	326.16	321.62	309.24	296.15	311.38	322.48	329.81	325.13	339.23
$\gamma$ 23.0	299.02	287.37	289.04	273.33	269.35	258.95	249.34	263.99	276.11	284.57	280.23	294.15
$\gamma$ 24.0	252.72	240.88	241.19	226.37	222.63	214.02	207.62	221.17	233.37	242.17	238.33	251.36
$\gamma$ 25.0	211.12	199.95	199.27	186.40	182.27	174.96	171.59	183.96	194.70	203.26	200.48	211.36
$\gamma$ 26.0	175.54	164.95	163.28	152.69	148.68	142.57	141.10	152.10	160.85	168.44	166.78	175.52
$\gamma$ 27.0	145.69	136.28	134.18	125.58	121.58	116.34	116.16	126.01	131.90	138.66	137.96	145.04
$\gamma$ 28.0	121.54	113.81	111.03	104.54	100.28	96.28	96.32	104.79	108.51	114.20	114.38	119.59
$\gamma$ 29.0	102.07	96.61	93.49	88.31	84.11	80.54	81.00	88.01	90.11	94.65	96.35	99.49
$\gamma$ 30.0	87.35	83.31	79.73	75.99	71.76	68.36	68.98	75.21	75.95	79.51	82.04	83.71
$\gamma$ 31.0	74.79	72.57	69.29	66.61	62.37	59.01	59.91	65.39	65.08	67.90	70.41	71.23
$\gamma$ 32.0	64.97	63.91	61.13	58.53	55.18	52.28	53.25	58.14	57.26	59.44	61.66	61.63
$\gamma$ 33.0	57.28	57.02	55.14	52.98	49.74	47.38	48.41	53.39	51.89	53.84	55.33	54.94
$\gamma$ 34.0	51.61	51.84	51.19	48.92	45.86	44.03	44.89	49.61	48.49	50.05	51.22	49.90
$\gamma$ 35.0	47.30	47.79	47.15	45.22	42.31	40.85	41.80	46.04	45.53	46.76	47.26	46.10
$\gamma$ 36.0	43.36	43.88	43.68	42.21	39.21	37.92	38.70	43.10	42.53	43.61	43.72	42.27
$\gamma$ 37.0	39.63	40.42	40.50	39.24	36.64	35.32	36.13	40.57	39.41	40.63	40.19	38.88
$\gamma$ 38.0	36.48	37.39	37.86	36.63	34.24	32.68	33.68	37.88	36.86	37.65	36.95	35.28
$\gamma$ 39.0	33.68	34.41	35.13	34.22	32.04	30.47	31.38	35.02	34.08	34.80	33.70	32.06
$\gamma$ 40.0	30.96	31.78	32.92	31.66	29.74	28.36	29.32	32.35	30.77	31.81	30.36	28.49
$\gamma$ 41.0	28.58	29.38	30.42	29.11	27.50	26.17	27.03	29.74	27.90	28.77	26.83	25.41
$\gamma$ 42.0	25.89	27.02	27.81	27.24	25.57	24.49	25.15	27.32	25.27	25.85	23.76	22.43
$\gamma$ 43.0	24.18	24.98	25.71	24.88	23.66	23.16	23.55	24.99	22.42	23.10	21.33	19.95
$\gamma$ 44.0	22.33	23.19	23.75	23.05	22.02	21.61	21.89	22.96	19.74	20.47	18.78	17.29
$\gamma$ 45.0	20.46	21.12	21.59	21.31	20.30	20.14	20.11	21.12	17.23	17.92	16.51	15.10
$\gamma$ 46.0	18.48	18.94	18.80	18.45	18.17	18.06	18.04	19.13	14.88	15.58	14.29	13.14



# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-24D 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	17.05	17.03	16.21	16.26	15.83	16.27	16.00	16.26	11.81	12.33	11.38	10.90
γ 48.0	15.47	15.08	14.73	14.95	14.17	14.85	14.55	14.51	8.78	9.47	9.46	9.40
γ 49.0	13.35	12.94	12.51	12.99	12.53	13.32	13.10	13.35	7.74	7.97	8.13	8.14
γ 50.0	11.28	11.01	10.38	10.76	10.72	11.44	11.40	11.61	6.15	6.41	6.39	6.26
γ 51.0	9.95	9.66	9.51	9.83	9.31	9.75	9.78	9.90	4.51	4.91	4.53	4.80
γ 52.0	9.48	9.05	8.89	9.23	8.82	8.93	8.80	9.11	3.47	3.90	3.66	3.56
γ 53.0	8.84	8.71	8.81	9.01	8.20	8.46	8.47	8.66	2.79	3.37	2.85	3.40
γ 54.0	8.42	8.55	8.40	8.61	7.81	8.40	8.14	8.18	2.49	2.88	2.46	2.71
γ 55.0	8.29	8.40	8.14	8.28	7.47	7.91	7.83	7.68	2.14	2.48	2.39	2.49
γ 56.0	7.89	7.86	7.51	7.64	7.19	7.77	7.53	7.50	2.03	2.30	2.14	2.18
γ 57.0	7.60	7.43	7.32	7.49	6.93	7.13	7.19	7.26	1.64	2.18	1.85	2.10
γ 58.0	7.35	7.16	7.03	7.33	6.59	6.75	6.91	6.79	1.53	1.94	1.63	1.71
γ 59.0	7.24	6.91	6.56	6.95	6.22	6.69	6.60	6.69	1.16	1.72	1.24	1.54
γ 60.0	7.01	6.68	6.39	6.97	5.77	6.61	6.36	6.48	1.32	1.50	1.27	1.36
γ 61.0	6.63	6.45	6.47	6.55	5.75	6.59	6.25	6.28	1.02	1.39	0.94	1.20
γ 62.0	6.71	6.18	6.12	6.41	5.80	6.08	5.96	6.20	0.93	1.33	1.06	1.27
γ 63.0	6.12	5.98	6.26	5.97	5.51	6.49	5.65	6.13	0.75	1.12	1.11	1.37
γ 64.0	5.81	5.80	5.92	6.22	5.32	5.97	5.44	5.86	1.02	1.09	0.89	1.22
γ 65.0	5.63	5.57	5.89	6.03	5.18	6.05	5.43	5.46	1.05	1.10	1.31	1.23
γ 66.0	5.73	5.54	5.70	5.61	5.16	5.82	5.28	5.41	0.94	1.06	1.05	1.16
γ 67.0	5.49	5.50	5.62	5.66	5.22	5.86	5.16	5.39	0.86	1.10	0.86	1.00
γ 68.0	5.49	5.30	5.31	5.52	4.95	5.53	4.90	5.15	0.85	1.12	0.83	0.95
γ 69.0	5.32	5.16	4.83	5.23	4.56	5.21	4.78	4.89	0.97	1.02	1.12	0.96
γ 70.0	5.13	4.83	5.06	4.79	4.19	5.05	4.51	4.96	0.96	1.05	0.96	1.07
γ 71.0	4.89	4.63	5.15	4.75	4.18	5.17	4.57	4.71	1.04	1.05	0.90	1.04
γ 72.0	4.78	4.63	4.89	4.72	4.16	5.14	4.54	4.57	0.97	1.12	1.18	0.89
γ 73.0	4.66	4.48	4.74	4.38	4.04	4.55	4.39	4.58	0.97	1.23	0.95	0.90
γ 74.0	4.44	4.41	4.61	4.38	3.74	4.49	4.25	4.65	0.99	1.11	0.98	1.34
γ 75.0	4.56	4.41	4.39	4.44	3.64	4.65	4.17	4.19	0.90	1.07	1.21	1.23
γ 76.0	4.10	4.18	4.32	4.23	3.56	3.95	4.17	4.02	0.87	1.15	1.12	1.09
γ 77.0	4.18	4.08	4.08	4.24	3.53	4.23	4.07	3.94	1.08	1.13	1.21	1.21
γ 78.0	4.11	4.15	4.04	4.12	3.53	3.91	3.92	3.79	1.08	1.14	1.14	1.16
γ 79.0	3.92	4.12	3.93	3.96	3.45	3.87	3.73	3.74	1.00	1.14	1.29	1.33
γ 80.0	3.78	3.95	4.06	3.76	3.39	3.79	3.71	3.73	0.90	1.15	1.33	1.22
γ 81.0	3.82	3.78	3.94	3.77	3.45	3.80	3.75	3.62	1.26	1.13	1.08	1.27
γ 82.0	3.85	3.76	3.79	3.69	3.36	3.72	3.41	3.69	1.04	1.00	1.19	1.43
γ 83.0	3.73	3.52	3.55	3.73	3.34	3.48	3.50	3.30	1.21	1.15	1.23	1.30
γ 84.0	3.56	3.44	3.75	3.35	3.30	3.57	3.38	3.49	1.44	1.22	1.55	1.47
γ 85.0	3.17	3.43	3.64	3.50	3.26	3.42	3.32	3.18	1.22	1.23	1.50	1.39
γ 86.0	3.70	3.35	3.45	3.08	3.19	3.43	3.35	3.38	1.59	1.38	1.38	1.57
γ 87.0	3.39	3.27	3.26	3.15	3.09	3.29	3.29	3.21	1.70	1.52	1.85	1.47
γ 88.0	3.12	3.26	3.49	3.09	3.02	3.29	3.14	3.14	1.46	1.52	1.58	1.55
γ 89.0	3.20	3.32	3.23	3.13	2.96	3.05	2.99	3.06	1.51	1.45	1.60	1.78
γ 90.0	2.94	3.23	3.57	3.03	2.99	3.17	2.92	2.98	1.38	1.51	1.54	1.61
γ 91.0	3.14	3.17	3.11	3.03	2.73	3.20	2.87	2.82	1.52	1.46	1.77	1.64
γ 92.0	2.98	3.14	3.03	3.03	2.57	3.27	2.80	2.69	1.50	1.45	1.74	1.75
γ 93.0	2.76	3.20	2.96	3.03	2.58	3.11	2.75	2.63	1.55	1.51	1.79	1.51

# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-24D 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	3.02	3.13	2.93	2.84	2.54	3.23	2.53	2.48	1.38	1.57	1.59	1.55
γ 95.0	2.63	2.92	2.84	3.05	2.47	2.88	2.63	2.46	1.48	1.49	1.78	1.66
γ 96.0	2.58	2.91	3.01	2.63	2.53	2.88	2.64	2.54	1.78	1.43	2.02	1.53
γ 97.0	2.73	3.00	2.83	2.50	2.60	3.09	2.52	2.52	1.96	1.64	2.02	1.49
γ 98.0	2.43	2.93	2.71	2.65	2.62	3.20	2.51	2.42	1.79	1.61	1.96	1.55
γ 99.0	2.22	2.92	2.92	2.48	2.56	2.73	2.41	2.46	1.79	1.45	1.73	1.52
γ 100.0	2.25	2.80	2.65	2.72	2.36	3.01	2.42	2.22	1.78	1.55	1.74	1.42
γ 101.0	2.53	2.70	2.86	2.33	2.15	2.79	2.36	2.37	1.71	1.70	1.89	1.24
γ 102.0	2.42	2.66	2.88	2.60	2.27	2.65	2.53	2.25	1.82	1.67	1.89	1.66
γ 103.0	2.48	2.70	2.82	2.26	2.43	2.48	2.23	2.44	1.90	1.61	1.67	1.59
γ 104.0	2.04	2.68	2.57	2.52	2.21	2.73	2.13	2.42	1.67	1.62	1.85	1.83
γ 105.0	2.30	2.49	2.76	2.42	2.14	2.46	2.12	2.31	1.75	1.51	1.93	1.63
γ 106.0	2.16	2.42	2.50	2.56	2.18	2.30	2.27	2.12	1.47	1.50	1.91	1.40
γ 107.0	2.53	2.19	2.52	2.64	2.12	2.30	2.30	2.13	1.66	1.64	2.15	1.66
γ 108.0	2.51	2.04	2.37	2.63	2.16	2.33	2.09	2.17	1.82	1.48	1.87	1.62
γ 109.0	2.27	2.11	2.32	2.22	2.12	2.23	2.11	2.22	1.61	1.59	2.02	1.91
γ 110.0	2.13	2.12	2.22	2.17	2.03	2.17	2.35	2.18	1.63	1.76	2.01	1.70
γ 111.0	2.04	2.14	2.03	2.25	2.14	2.34	2.32	2.16	1.70	1.67	1.91	1.59
γ 112.0	2.02	2.21	2.31	2.04	1.90	2.20	2.20	2.22	1.71	1.73	1.74	1.91
γ 113.0	2.08	2.11	2.43	2.43	1.88	2.06	2.10	2.21	1.63	1.66	1.90	1.63
γ 114.0	2.06	2.01	1.96	2.17	2.03	2.12	2.14	2.27	1.47	1.48	1.84	1.96
γ 115.0	2.32	2.15	2.47	2.24	2.22	2.00	2.38	2.25	1.68	1.41	1.81	1.60
γ 116.0	2.05	2.23	2.43	2.07	1.93	2.00	2.32	2.08	1.71	1.47	1.83	1.73
γ 117.0	1.88	2.26	1.96	1.96	1.88	2.09	2.26	2.04	1.75	1.40	1.69	1.56
γ 118.0	2.11	2.26	2.17	2.30	2.05	2.12	2.10	2.10	1.76	1.57	2.02	1.62
γ 119.0	1.94	2.19	2.13	1.97	1.95	1.95	2.11	2.12	1.66	1.66	1.93	1.49
γ 120.0	1.96	2.17	1.96	2.24	1.85	2.13	2.45	2.10	1.72	1.44	2.00	1.65
γ 121.0	1.98	2.20	1.83	2.19	1.86	2.06	2.57	2.23	1.73	1.27	1.99	1.85
γ 122.0	2.08	2.17	2.08	1.92	2.05	1.98	2.42	1.96	1.72	1.30	2.02	1.81
γ 123.0	2.01	2.10	2.10	2.34	2.05	1.99	2.19	1.96	2.00	1.52	1.85	1.79
γ 124.0	1.92	2.05	2.00	2.39	2.02	2.13	2.16	1.93	1.80	1.59	1.86	1.83
γ 125.0	1.93	1.98	2.07	2.17	1.97	2.22	2.06	1.97	1.78	1.50	1.76	1.75
γ 126.0	2.11	1.99	2.29	1.97	2.12	1.81	1.98	2.18	1.89	1.59	1.61	1.56
γ 127.0	1.88	1.89	2.11	2.01	1.98	1.98	2.11	2.07	1.78	1.85	1.84	1.41
γ 128.0	2.09	1.89	2.10	2.25	1.83	2.20	2.13	1.91	1.66	1.76	1.85	1.46
γ 129.0	1.91	2.09	1.95	1.89	1.86	2.13	1.96	1.90	1.68	1.62	1.73	1.80
γ 130.0	1.84	2.10	2.13	2.10	2.09	1.93	1.91	1.92	1.68	1.83	1.99	1.62
γ 131.0	1.82	2.07	2.20	1.70	1.97	1.97	1.83	1.70	1.80	1.85	1.81	1.51
γ 132.0	1.95	1.93	1.93	1.94	1.79	2.07	1.84	1.99	1.71	1.80	1.88	1.66
γ 133.0	1.91	1.74	2.14	1.87	1.72	2.23	1.96	2.01	1.63	1.88	2.15	1.99
γ 134.0	1.99	1.91	2.37	1.97	1.88	2.13	1.98	1.92	1.86	1.78	2.24	1.67
γ 135.0	1.91	1.92	2.25	2.42	2.00	2.07	2.05	1.85	1.96	1.75	1.86	1.91
γ 136.0	1.92	1.89	2.33	2.36	1.96	1.74	1.76	1.74	1.65	1.74	1.96	1.65
γ 137.0	1.95	1.98	2.32	2.75	2.12	1.98	1.90	1.77	1.76	1.72	1.90	1.81
γ 138.0	2.17	1.94	2.07	2.23	2.15	2.00	2.10	1.97	1.88	1.70	2.11	1.89
γ 139.0	2.04	1.96	2.19	2.06	2.10	2.00	2.01	1.97	1.81	1.81	2.08	1.85
γ 140.0	2.05	2.04	2.46	2.42	1.97	1.79	2.16	1.73	1.85	1.78	2.25	1.76

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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	1.95	1.98	2.29	2.19	1.98	1.85	2.15	1.71	1.84	1.67	2.09	2.06
γ 142.0	2.12	1.96	2.30	2.06	2.12	2.25	2.27	1.97	1.93	1.68	2.09	1.84
γ 143.0	2.21	2.06	2.26	2.32	2.18	2.07	2.31	1.84	2.05	1.69	2.48	1.99
γ 144.0	2.14	2.08	2.30	2.17	2.21	2.27	2.31	1.76	2.04	1.81	2.61	1.92
γ 145.0	2.03	2.11	2.28	2.01	2.26	2.11	2.41	2.02	2.20	1.85	2.65	2.16
γ 146.0	2.18	2.12	2.31	2.20	2.41	2.38	2.44	2.18	1.97	1.93	2.47	2.34
γ 147.0	2.40	2.04	2.73	2.55	2.47	2.39	2.37	2.13	2.11	2.17	2.41	2.09
γ 148.0	2.32	2.26	2.46	2.31	2.53	2.56	2.40	2.43	2.21	2.32	2.34	1.94
γ 149.0	2.13	2.50	2.72	2.40	2.73	2.44	2.65	2.38	2.27	2.34	2.56	2.51
γ 150.0	2.32	2.51	2.90	2.55	2.72	2.72	2.66	2.23	2.52	2.40	2.91	2.48
γ 151.0	2.52	2.46	3.21	2.57	2.73	2.19	2.67	2.25	2.44	2.60	2.50	2.49
γ 152.0	2.94	2.30	3.18	2.29	2.87	2.83	2.68	2.48	2.54	2.80	2.65	2.52
γ 153.0	2.66	2.35	3.05	2.55	2.95	2.70	2.74	2.43	2.38	2.86	2.37	2.60
γ 154.0	2.65	2.55	2.74	2.67	2.90	2.43	2.80	2.72	2.44	2.61	2.99	2.71
γ 155.0	2.65	2.81	3.19	2.68	2.74	2.90	2.89	2.75	2.64	2.58	2.79	2.58
γ 156.0	2.49	2.76	3.17	2.97	2.66	2.73	3.14	2.75	2.76	2.88	2.69	2.77
γ 157.0	2.76	2.66	3.26	2.89	2.68	3.06	3.18	2.83	2.75	2.93	2.89	2.67
γ 158.0	2.85	2.81	3.16	2.97	2.77	3.14	3.27	2.81	2.95	2.96	2.89	2.76
γ 159.0	2.67	2.79	2.85	3.05	2.89	3.25	3.32	2.92	2.94	3.13	3.00	2.88
γ 160.0	2.96	2.84	3.35	3.27	3.07	3.43	3.29	3.00	3.02	3.19	2.97	3.12
γ 161.0	2.88	3.10	3.31	3.02	3.16	3.31	3.19	3.22	3.06	3.13	3.16	3.00
γ 162.0	3.15	3.15	3.51	3.18	3.31	3.49	3.46	3.04	2.89	3.19	3.21	2.98
γ 163.0	3.33	3.09	3.68	3.32	3.46	3.47	3.47	3.10	3.01	3.32	3.31	3.12
γ 164.0	3.33	3.07	3.47	3.46	3.40	3.32	3.41	3.23	3.04	3.32	3.32	3.04
γ 165.0	3.05	3.14	3.52	3.37	3.29	3.19	3.47	3.05	3.48	3.36	3.18	3.15
γ 166.0	3.15	3.20	3.58	3.49	3.37	3.31	3.49	2.94	3.39	3.32	3.34	3.18
γ 167.0	3.10	3.30	3.55	3.45	3.65	3.49	3.53	3.35	3.31	3.33	3.19	3.29
γ 168.0	3.35	3.38	3.52	3.53	3.77	3.54	3.49	3.67	3.50	3.25	3.40	3.17
γ 169.0	3.28	3.40	3.78	3.14	3.55	3.41	3.51	3.38	3.43	3.06	3.16	3.27
γ 170.0	3.35	3.46	3.36	3.26	3.47	3.59	3.55	3.31	3.45	3.06	3.36	3.07
γ 171.0	3.31	3.38	3.70	3.48	3.35	3.43	3.63	3.46	3.33	3.14	3.28	3.59
γ 172.0	3.12	3.32	3.70	3.40	3.35	3.87	3.75	3.45	3.18	3.29	3.48	3.54
γ 173.0	3.31	3.36	3.75	3.41	3.38	3.27	3.52	3.45	3.28	3.20	3.38	3.39
γ 174.0	3.25	3.32	3.55	3.55	3.57	3.34	3.45	3.37	3.34	3.22	3.55	3.47
γ 175.0	3.47	3.29	3.48	3.47	3.60	3.32	3.52	3.31	3.36	3.44	3.35	3.06
γ 176.0	3.40	3.29	3.63	3.47	3.41	3.24	3.45	3.38	3.24	3.48	3.98	3.21
γ 177.0	3.15	3.21	3.65	3.56	3.33	3.41	3.42	3.37	3.02	3.54	3.54	3.42
γ 178.0	3.27	3.27	3.40	3.20	3.33	3.12	3.52	3.44	3.42	3.39	3.37	3.56
γ 179.0	3.44	3.44	3.81	3.54	3.47	3.17	3.47	3.51	3.42	3.21	3.93	3.51
γ 180.0	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42
V/H	C270.0	C292.5	C315.0	C337.5								
γ 0.0	1919.42	1919.42	1919.42	1919.42								
γ 1.0	1900.04	1903.08	1901.32	1932.40								
γ 2.0	1875.97	1884.21	1888.81	1924.18								
γ 3.0	1841.45	1854.20	1864.08	1902.98								
γ 4.0	1796.23	1811.80	1826.21	1868.16								
γ 5.0	1738.80	1758.63	1775.97	1819.91								

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## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 6. 0	1669. 16	1691. 07	1712. 46	1756. 77
γ 7. 0	1590. 32	1614. 22	1639. 30	1682. 42
γ 8. 0	1502. 78	1526. 25	1554. 66	1598. 23
γ 9. 0	1408. 23	1432. 13	1462. 43	1506. 34
γ 10. 0	1308. 78	1333. 53	1364. 54	1407. 93
γ 11. 0	1205. 93	1229. 79	1261. 68	1304. 65
γ 12. 0	1102. 56	1124. 61	1156. 13	1196. 18
γ 13. 0	1000. 67	1021. 85	1050. 50	1086. 59
γ 14. 0	900. 73	920. 97	947. 08	976. 44
γ 15. 0	804. 73	822. 80	846. 12	868. 20
γ 16. 0	715. 83	731. 52	750. 45	764. 99
γ 17. 0	636. 31	650. 09	663. 98	671. 51
γ 18. 0	566. 84	578. 07	587. 11	589. 79
γ 19. 0	505. 75	514. 70	518. 83	517. 64
γ 20. 0	451. 09	456. 80	456. 87	453. 75
γ 21. 0	401. 15	405. 19	401. 61	397. 11
γ 22. 0	353. 03	355. 91	350. 06	343. 81
γ 23. 0	306. 16	307. 49	300. 69	293. 18
γ 24. 0	261. 23	261. 90	254. 51	246. 56
γ 25. 0	219. 54	219. 58	212. 59	205. 07
γ 26. 0	182. 12	180. 87	175. 26	169. 00
γ 27. 0	149. 62	147. 72	143. 19	138. 71
γ 28. 0	122. 58	119. 63	116. 52	113. 67
γ 29. 0	100. 98	96. 95	94. 91	94. 04
γ 30. 0	84. 00	79. 41	77. 80	78. 76
γ 31. 0	70. 36	65. 50	64. 24	66. 58
γ 32. 0	59. 87	54. 71	53. 47	57. 01
γ 33. 0	52. 55	46. 65	45. 62	49. 30
γ 34. 0	47. 24	41. 93	40. 11	43. 76
γ 35. 0	42. 86	37. 96	36. 32	39. 47
γ 36. 0	39. 11	34. 68	32. 80	35. 94
γ 37. 0	35. 72	31. 46	29. 53	32. 56
γ 38. 0	32. 27	28. 55	26. 91	29. 52
γ 39. 0	29. 00	25. 80	24. 53	26. 56
γ 40. 0	26. 04	23. 38	22. 41	24. 20
γ 41. 0	23. 49	21. 28	20. 44	21. 90
γ 42. 0	21. 01	19. 25	18. 45	19. 91
γ 43. 0	18. 50	17. 56	16. 81	18. 13
γ 44. 0	16. 31	15. 85	15. 12	16. 26
γ 45. 0	14. 47	14. 05	13. 38	14. 59
γ 46. 0	12. 56	12. 56	11. 81	12. 71
γ 47. 0	10. 90	10. 53	10. 47	11. 16
γ 48. 0	9. 52	9. 76	9. 07	9. 89
γ 49. 0	7. 86	8. 00	7. 51	7. 72
γ 50. 0	6. 04	6. 38	5. 68	5. 64
γ 51. 0	4. 51	4. 74	4. 28	4. 00
γ 52. 0	3. 59	3. 63	3. 57	3. 16

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## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
$\gamma$ 53. 0	3. 01	3. 30	3. 05	3. 02
$\gamma$ 54. 0	2. 57	2. 80	3. 00	2. 72
$\gamma$ 55. 0	2. 34	2. 52	2. 71	2. 43
$\gamma$ 56. 0	2. 11	2. 59	2. 47	2. 16
$\gamma$ 57. 0	1. 98	2. 04	2. 11	1. 87
$\gamma$ 58. 0	1. 81	2. 00	1. 81	1. 55
$\gamma$ 59. 0	1. 66	1. 63	1. 53	1. 47
$\gamma$ 60. 0	1. 42	1. 53	1. 54	1. 13
$\gamma$ 61. 0	1. 31	1. 89	1. 53	1. 12
$\gamma$ 62. 0	1. 22	1. 66	1. 33	1. 10
$\gamma$ 63. 0	1. 16	1. 26	1. 05	1. 07
$\gamma$ 64. 0	1. 10	1. 21	1. 06	1. 04
$\gamma$ 65. 0	1. 08	1. 18	0. 87	0. 93
$\gamma$ 66. 0	0. 90	0. 90	0. 88	0. 80
$\gamma$ 67. 0	0. 74	0. 91	1. 16	0. 83
$\gamma$ 68. 0	0. 75	0. 90	1. 28	0. 77
$\gamma$ 69. 0	0. 75	1. 07	1. 09	0. 68
$\gamma$ 70. 0	0. 71	0. 75	1. 01	0. 54
$\gamma$ 71. 0	0. 81	0. 79	1. 01	0. 75
$\gamma$ 72. 0	0. 95	0. 86	1. 06	1. 05
$\gamma$ 73. 0	0. 92	0. 81	1. 18	1. 00
$\gamma$ 74. 0	0. 91	0. 96	1. 21	0. 92
$\gamma$ 75. 0	0. 83	1. 01	1. 16	0. 83
$\gamma$ 76. 0	1. 01	0. 95	1. 23	1. 01
$\gamma$ 77. 0	1. 26	1. 27	1. 19	0. 83
$\gamma$ 78. 0	1. 19	1. 11	1. 10	1. 09
$\gamma$ 79. 0	1. 07	1. 19	1. 42	1. 04
$\gamma$ 80. 0	1. 15	1. 51	1. 40	1. 02
$\gamma$ 81. 0	1. 18	1. 36	1. 37	1. 27
$\gamma$ 82. 0	1. 21	0. 96	1. 39	1. 39
$\gamma$ 83. 0	1. 13	1. 38	1. 36	1. 43
$\gamma$ 84. 0	1. 11	1. 36	1. 58	1. 46
$\gamma$ 85. 0	1. 15	1. 33	1. 61	1. 59
$\gamma$ 86. 0	1. 40	1. 39	1. 56	1. 50
$\gamma$ 87. 0	1. 55	1. 52	1. 63	1. 56
$\gamma$ 88. 0	1. 55	1. 48	1. 55	1. 63
$\gamma$ 89. 0	1. 66	1. 78	1. 42	1. 61
$\gamma$ 90. 0	1. 49	1. 85	1. 42	1. 43
$\gamma$ 91. 0	1. 43	1. 43	1. 35	1. 53
$\gamma$ 92. 0	1. 47	1. 70	1. 68	1. 59
$\gamma$ 93. 0	1. 47	1. 61	1. 79	1. 58
$\gamma$ 94. 0	1. 53	1. 59	1. 68	1. 60
$\gamma$ 95. 0	1. 51	1. 85	1. 60	1. 49
$\gamma$ 96. 0	1. 63	1. 96	1. 53	1. 57
$\gamma$ 97. 0	1. 65	1. 44	1. 71	1. 68
$\gamma$ 98. 0	1. 51	1. 62	1. 81	1. 67
$\gamma$ 99. 0	1. 48	1. 62	1. 57	1. 81

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
$\gamma$ 100.0	1.52	1.53	1.57	1.68
$\gamma$ 101.0	1.51	1.43	1.96	1.75
$\gamma$ 102.0	1.51	1.63	1.90	1.78
$\gamma$ 103.0	1.43	1.62	1.68	1.70
$\gamma$ 104.0	1.55	1.34	1.80	1.53
$\gamma$ 105.0	1.65	1.79	1.80	1.67
$\gamma$ 106.0	1.64	1.80	1.70	1.65
$\gamma$ 107.0	1.65	1.72	1.77	1.68
$\gamma$ 108.0	1.52	1.70	1.68	1.65
$\gamma$ 109.0	1.59	1.75	1.54	1.56
$\gamma$ 110.0	1.59	1.62	1.73	1.64
$\gamma$ 111.0	1.54	1.78	1.95	1.73
$\gamma$ 112.0	1.47	1.82	1.96	1.78
$\gamma$ 113.0	1.51	1.58	1.96	1.92
$\gamma$ 114.0	1.49	1.62	1.69	1.93
$\gamma$ 115.0	1.65	1.41	1.79	1.79
$\gamma$ 116.0	1.65	1.75	2.06	1.63
$\gamma$ 117.0	1.60	1.78	1.81	1.56
$\gamma$ 118.0	1.66	1.57	1.72	1.73
$\gamma$ 119.0	1.78	1.62	1.77	1.64
$\gamma$ 120.0	1.73	1.76	1.72	1.76
$\gamma$ 121.0	1.74	1.60	1.77	1.72
$\gamma$ 122.0	1.90	1.63	2.13	1.80
$\gamma$ 123.0	1.77	1.79	1.94	1.70
$\gamma$ 124.0	1.83	1.69	1.81	1.68
$\gamma$ 125.0	1.98	1.89	2.02	1.75
$\gamma$ 126.0	1.84	1.75	2.14	2.01
$\gamma$ 127.0	1.89	2.13	1.98	1.89
$\gamma$ 128.0	1.83	1.77	1.89	1.70
$\gamma$ 129.0	1.76	1.93	1.88	1.92
$\gamma$ 130.0	1.87	1.72	2.10	1.88
$\gamma$ 131.0	1.99	1.86	2.23	1.90
$\gamma$ 132.0	1.84	1.90	1.87	2.00
$\gamma$ 133.0	1.87	1.87	1.88	1.92
$\gamma$ 134.0	2.04	1.89	2.03	1.87
$\gamma$ 135.0	2.19	1.69	1.83	1.92
$\gamma$ 136.0	2.29	1.67	1.94	2.15
$\gamma$ 137.0	2.13	2.14	1.91	1.85
$\gamma$ 138.0	2.01	1.77	1.91	1.86
$\gamma$ 139.0	1.88	1.99	1.99	1.98
$\gamma$ 140.0	2.05	1.62	2.01	1.82
$\gamma$ 141.0	2.09	1.83	1.95	1.84
$\gamma$ 142.0	2.00	1.82	2.03	2.09
$\gamma$ 143.0	2.11	2.12	1.89	2.10
$\gamma$ 144.0	2.20	1.77	1.77	2.02
$\gamma$ 145.0	2.21	2.02	1.95	1.90
$\gamma$ 146.0	2.19	2.07	2.03	2.06

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# IES Indoor Report

Photometric Filename:AW12541 8W 1202C9 3090 ZHT35-24D 200.IES

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## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 147. 0	2. 35	2. 33	2. 35	2. 45
γ 148. 0	2. 45	2. 00	2. 56	2. 56
γ 149. 0	2. 51	2. 36	2. 37	2. 35
γ 150. 0	2. 55	2. 43	2. 42	2. 39
γ 151. 0	2. 78	2. 58	2. 38	2. 46
γ 152. 0	2. 67	2. 46	2. 48	2. 56
γ 153. 0	2. 69	2. 52	2. 47	2. 58
γ 154. 0	2. 75	2. 63	2. 62	2. 69
γ 155. 0	3. 05	2. 48	2. 68	2. 74
γ 156. 0	2. 97	2. 71	2. 79	2. 90
γ 157. 0	3. 07	2. 83	2. 79	3. 13
γ 158. 0	3. 21	2. 75	2. 95	2. 87
γ 159. 0	3. 20	2. 91	3. 00	2. 86
γ 160. 0	3. 34	3. 11	2. 75	3. 22
γ 161. 0	3. 29	3. 36	2. 92	3. 29
γ 162. 0	3. 11	3. 04	2. 94	3. 07
γ 163. 0	3. 19	3. 13	2. 84	3. 02
γ 164. 0	3. 20	2. 88	2. 99	3. 30
γ 165. 0	3. 17	3. 04	3. 03	3. 08
γ 166. 0	3. 46	2. 89	2. 98	3. 16
γ 167. 0	3. 54	2. 81	3. 22	3. 05
γ 168. 0	3. 43	2. 92	3. 29	3. 35
γ 169. 0	3. 28	3. 47	3. 27	3. 53
γ 170. 0	3. 27	3. 16	3. 36	3. 57
γ 171. 0	3. 37	3. 44	3. 44	3. 47
γ 172. 0	3. 28	3. 23	3. 32	3. 30
γ 173. 0	3. 26	3. 20	3. 08	3. 54
γ 174. 0	3. 36	3. 31	3. 19	3. 70
γ 175. 0	3. 22	3. 42	3. 33	3. 70
γ 176. 0	3. 43	3. 23	3. 33	3. 65
γ 177. 0	3. 32	3. 32	3. 27	3. 51
γ 178. 0	3. 09	3. 44	3. 29	3. 75
γ 179. 0	3. 24	3. 41	3. 40	3. 50
γ 180. 0	3. 42	3. 42	3. 42	3. 42

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