

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.IES

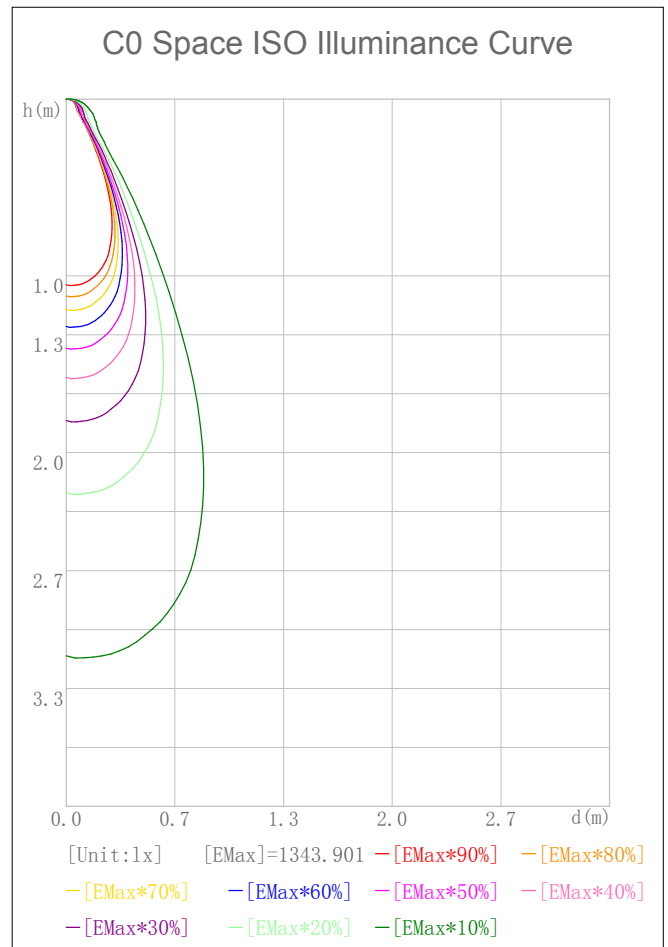
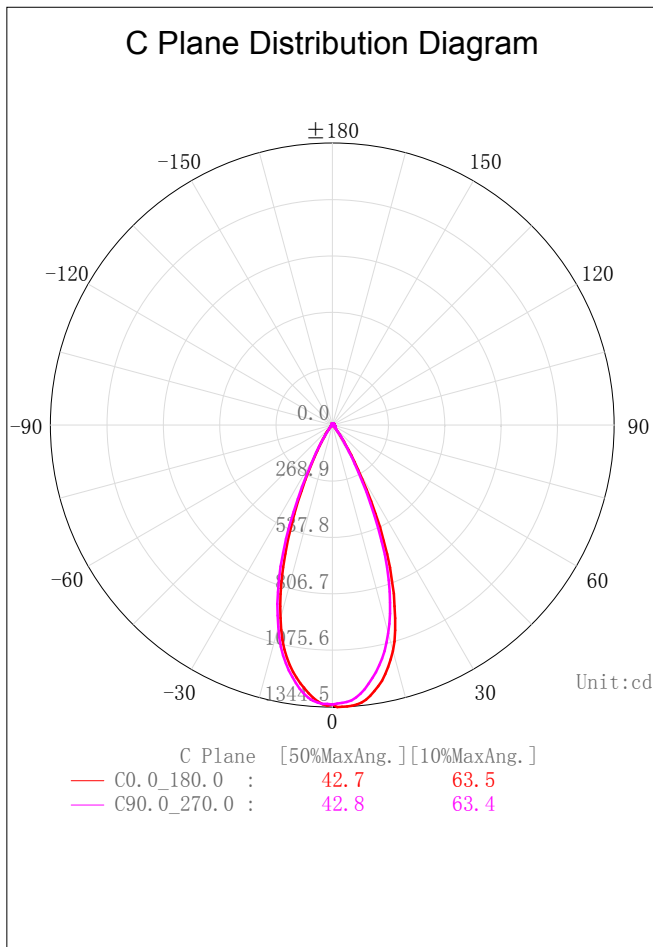
## Indoor Luminaire Photometric Data

### Description Information

Luminaire 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(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): 708.000	Luminaire Flux(lm): 708.430	Field Angle(10%Imax): 63.5(°)	
Rated Power(W): 10	Luminaire Efficiency: 100.06%	Down Lumens&Percent: 681.509lm 96.20%	
Rated Voltage(V): 220	Luminaire EER(lm/W): 67.150	Up Lumens&Percent: 26.921lm 3.80%	
Tested Power(W): 10.550	Max. Candela(cd): 1344.515	S/MH: C0_a180=0.705 C90_270=0.702	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 $\gamma$ =1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf): 220.6, 0.086, 0.550	Beam Angle(50%Imax): 42.7(°)	ErP $\Phi$ use(90°): 650.628lm	
Lamp Size(W*L*H): 0.066m*0.066m*0.000m	Left=-19.7°, Right=23.0°	IRF(%): 400.053	



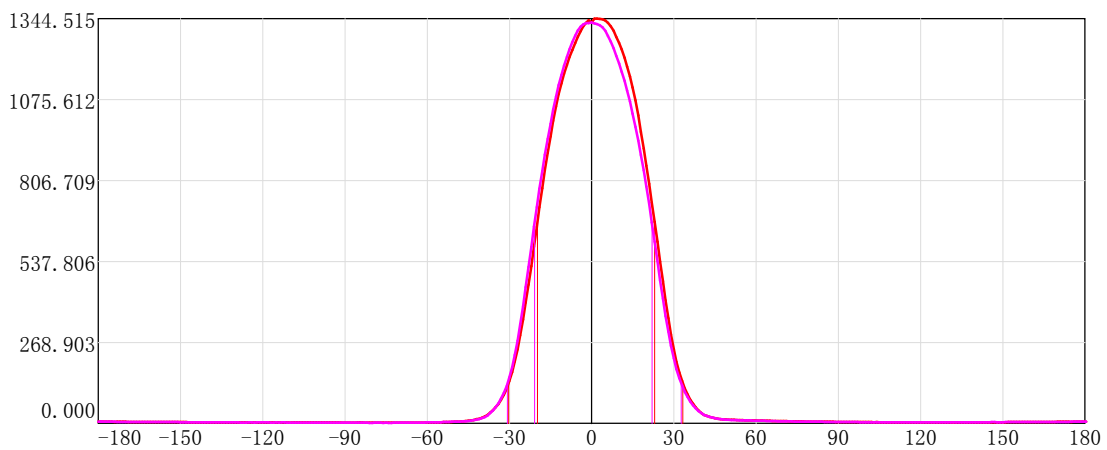
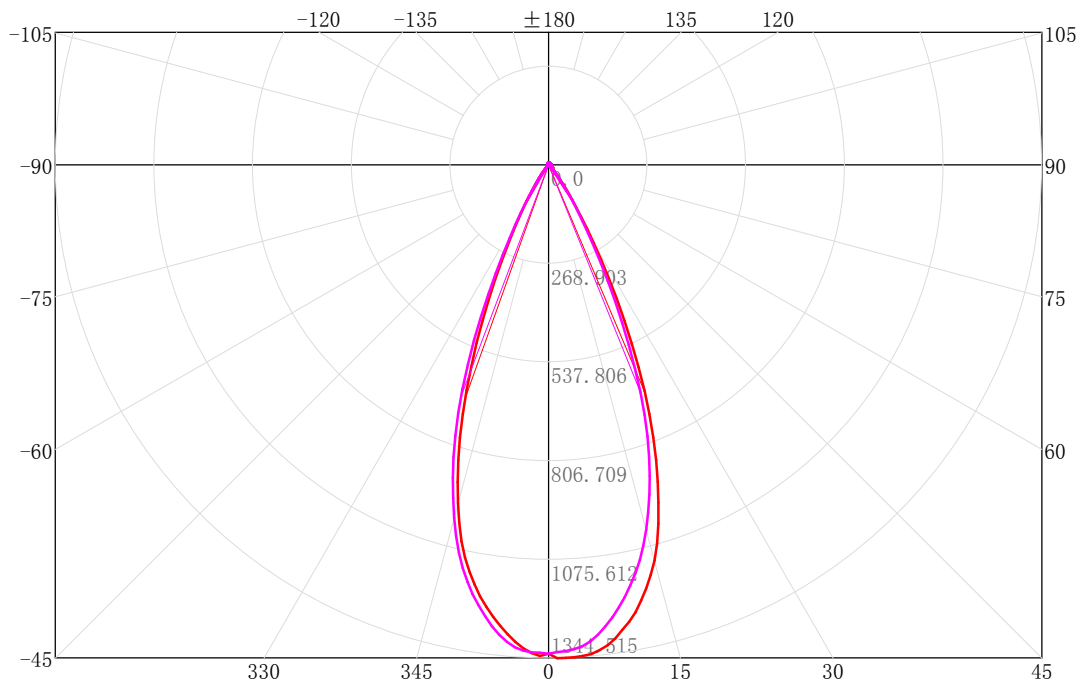
# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.IES

## 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 :	42.7	63.5	
—	C90.0_270.0 :	42.8	63.4	

# IES Indoor Report

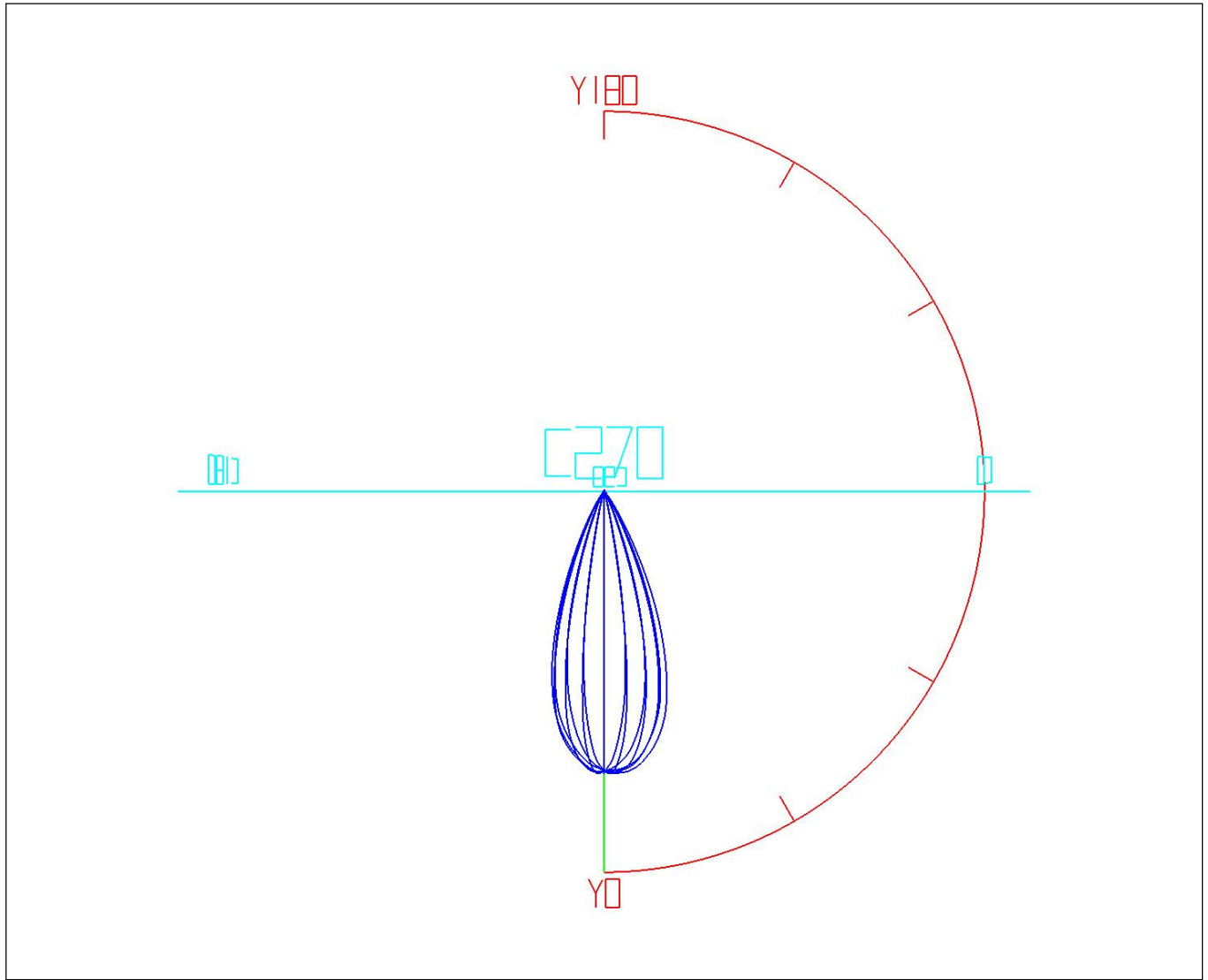
Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.IES

---

## 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 ——— Fixture ——— Vert. HUD ——— Hori. HUD ———  
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

---

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.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	1.27	1.27	0.18	0.18	47.0-48.0	0.86	656.76	0.12	92.76
1.0-2.0	3.82	5.09	0.54	0.72	48.0-49.0	0.82	657.59	0.12	92.88
2.0-3.0	6.34	11.44	0.90	1.62	49.0-50.0	0.80	658.39	0.11	92.99
3.0-4.0	8.84	20.27	1.25	2.86	50.0-51.0	0.78	659.18	0.11	93.10
4.0-5.0	11.28	31.55	1.59	4.46	51.0-52.0	0.76	659.94	0.11	93.21
5.0-6.0	13.65	45.20	1.93	6.38	52.0-53.0	0.75	660.69	0.11	93.32
6.0-7.0	15.92	61.11	2.25	8.63	53.0-54.0	0.73	661.42	0.10	93.42
7.0-8.0	18.08	79.19	2.55	11.19	54.0-55.0	0.72	662.13	0.10	93.52
8.0-9.0	20.11	99.30	2.84	14.03	55.0-56.0	0.70	662.84	0.10	93.62
9.0-10.0	22.00	121.31	3.11	17.13	56.0-57.0	0.69	663.52	0.10	93.72
10.0-11.0	23.75	145.05	3.35	20.49	57.0-58.0	0.68	664.20	0.10	93.81
11.0-12.0	25.32	170.37	3.58	24.06	58.0-59.0	0.67	664.87	0.09	93.91
12.0-13.0	26.68	197.06	3.77	27.83	59.0-60.0	0.66	665.53	0.09	94.00
13.0-14.0	27.81	224.87	3.93	31.76	60.0-61.0	0.65	666.17	0.09	94.09
14.0-15.0	28.66	253.52	4.05	35.81	61.0-62.0	0.64	666.81	0.09	94.18
15.0-16.0	29.22	282.75	4.13	39.94	62.0-63.0	0.63	667.43	0.09	94.27
16.0-17.0	29.50	312.24	4.17	44.10	63.0-64.0	0.61	668.05	0.09	94.36
17.0-18.0	29.47	341.71	4.16	48.26	64.0-65.0	0.60	668.64	0.08	94.44
18.0-19.0	29.15	370.87	4.12	52.38	65.0-66.0	0.58	669.22	0.08	94.52
19.0-20.0	28.53	399.40	4.03	56.41	66.0-67.0	0.57	669.79	0.08	94.60
20.0-21.0	27.60	427.00	3.90	60.31	67.0-68.0	0.56	670.34	0.08	94.68
21.0-22.0	26.36	453.36	3.72	64.03	68.0-69.0	0.55	670.89	0.08	94.76
22.0-23.0	24.83	478.19	3.51	67.54	69.0-70.0	0.54	671.44	0.08	94.84
23.0-24.0	23.06	501.25	3.26	70.80	70.0-71.0	0.54	671.97	0.08	94.91
24.0-25.0	21.10	522.35	2.98	73.78	71.0-72.0	0.53	672.51	0.08	94.99
25.0-26.0	19.02	541.37	2.69	76.46	72.0-73.0	0.53	673.04	0.07	95.06
26.0-27.0	16.89	558.26	2.39	78.85	73.0-74.0	0.52	673.56	0.07	95.14
27.0-28.0	14.82	573.08	2.09	80.94	74.0-75.0	0.52	674.08	0.07	95.21
28.0-29.0	12.85	585.93	1.82	82.76	75.0-76.0	0.51	674.59	0.07	95.28
29.0-30.0	11.05	596.98	1.56	84.32	76.0-77.0	0.51	675.10	0.07	95.35
30.0-31.0	9.44	606.41	1.33	85.65	77.0-78.0	0.51	675.61	0.07	95.43
31.0-32.0	8.03	614.45	1.13	86.79	78.0-79.0	0.50	676.12	0.07	95.50
32.0-33.0	6.83	621.28	0.96	87.75	79.0-80.0	0.50	676.62	0.07	95.57
33.0-34.0	5.80	627.08	0.82	88.57	80.0-81.0	0.50	677.12	0.07	95.64
34.0-35.0	4.92	632.00	0.70	89.27	81.0-82.0	0.50	677.61	0.07	95.71
35.0-36.0	4.17	636.17	0.59	89.85	82.0-83.0	0.49	678.11	0.07	95.78
36.0-37.0	3.51	639.68	0.50	90.35	83.0-84.0	0.49	678.60	0.07	95.85
37.0-38.0	2.93	642.61	0.41	90.76	84.0-85.0	0.49	679.09	0.07	95.92
38.0-39.0	2.44	645.05	0.34	91.11	85.0-86.0	0.49	679.58	0.07	95.99
39.0-40.0	2.04	647.09	0.29	91.40	86.0-87.0	0.48	680.07	0.07	96.05
40.0-41.0	1.74	648.83	0.25	91.64	87.0-88.0	0.48	680.55	0.07	96.12
41.0-42.0	1.52	650.35	0.21	91.86	88.0-89.0	0.48	681.03	0.07	96.19
42.0-43.0	1.35	651.70	0.19	92.05	89.0-90.0	0.48	681.51	0.07	96.26
43.0-44.0	1.21	652.91	0.17	92.22	90.0-91.0	0.48	681.99	0.07	96.33
44.0-45.0	1.09	654.00	0.15	92.37	91.0-92.0	0.47	682.46	0.07	96.39
45.0-46.0	0.99	654.99	0.14	92.51	92.0-93.0	0.47	682.93	0.07	96.46
46.0-47.0	0.91	655.90	0.13	92.64	93.0-94.0	0.47	683.41	0.07	96.53

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.IES

## Zonal Flux Tabulation - (Cont.)

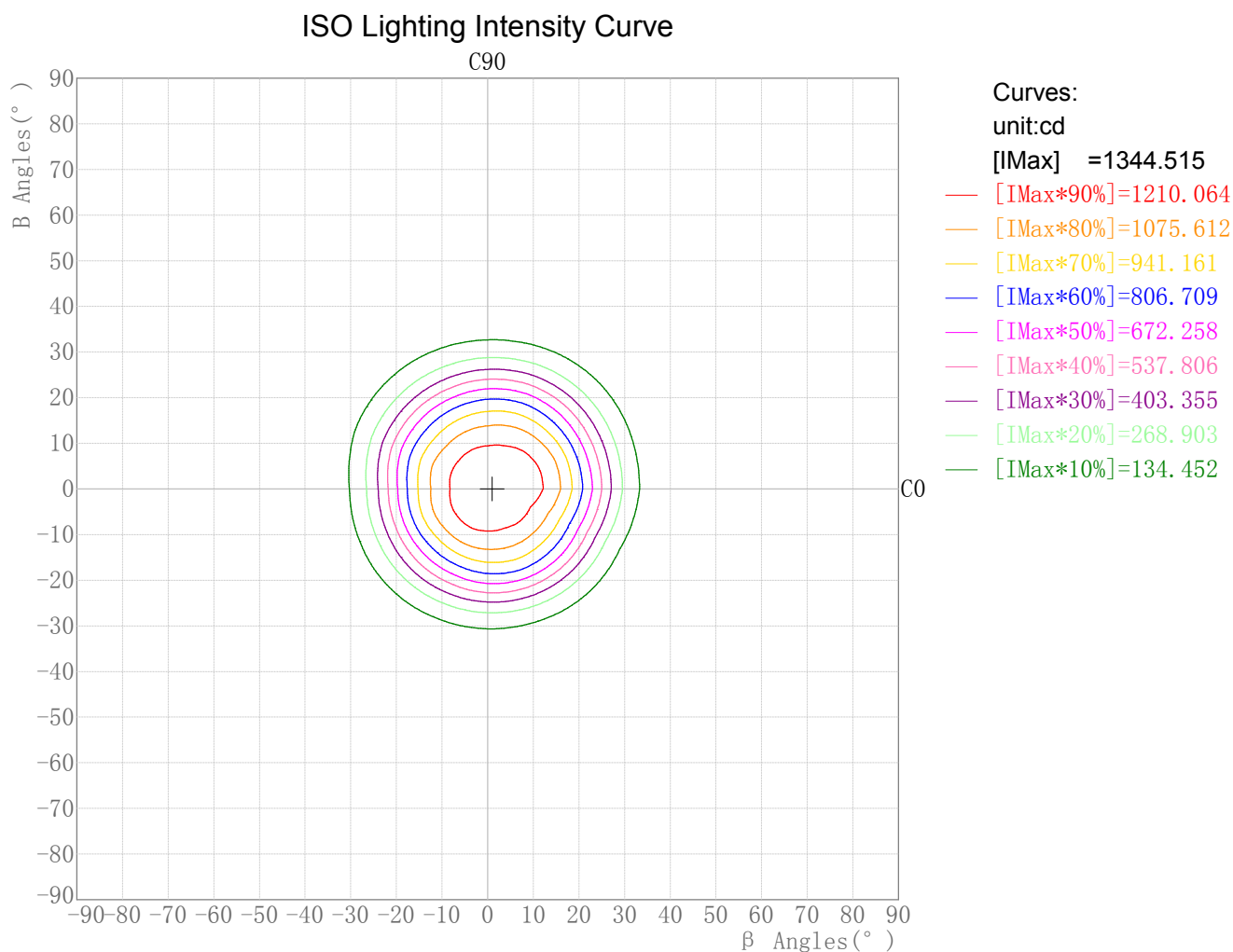
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.47	683.88	0.07	96.59	141.0-142.0	0.29	701.82	0.04	99.13
95.0-96.0	0.47	684.35	0.07	96.66	142.0-143.0	0.29	702.11	0.04	99.17
96.0-97.0	0.47	684.82	0.07	96.73	143.0-144.0	0.29	702.40	0.04	99.21
97.0-98.0	0.46	685.28	0.07	96.79	144.0-145.0	0.28	702.68	0.04	99.25
98.0-99.0	0.46	685.74	0.06	96.86	145.0-146.0	0.28	702.96	0.04	99.29
99.0-100.0	0.46	686.19	0.06	96.92	146.0-147.0	0.27	703.24	0.04	99.33
100.0-101.0	0.46	686.65	0.06	96.98	147.0-148.0	0.27	703.51	0.04	99.37
101.0-102.0	0.46	687.11	0.06	97.05	148.0-149.0	0.26	703.77	0.04	99.40
102.0-103.0	0.45	687.56	0.06	97.11	149.0-150.0	0.26	704.03	0.04	99.44
103.0-104.0	0.45	688.00	0.06	97.18	150.0-151.0	0.26	704.29	0.04	99.48
104.0-105.0	0.44	688.44	0.06	97.24	151.0-152.0	0.25	704.54	0.04	99.51
105.0-106.0	0.44	688.88	0.06	97.30	152.0-153.0	0.24	704.78	0.03	99.55
106.0-107.0	0.43	689.31	0.06	97.36	153.0-154.0	0.24	705.02	0.03	99.58
107.0-108.0	0.42	689.73	0.06	97.42	154.0-155.0	0.23	705.25	0.03	99.61
108.0-109.0	0.42	690.16	0.06	97.48	155.0-156.0	0.23	705.48	0.03	99.64
109.0-110.0	0.42	690.58	0.06	97.54	156.0-157.0	0.22	705.71	0.03	99.68
110.0-111.0	0.42	691.00	0.06	97.60	157.0-158.0	0.22	705.93	0.03	99.71
111.0-112.0	0.42	691.42	0.06	97.66	158.0-159.0	0.21	706.14	0.03	99.74
112.0-113.0	0.41	691.83	0.06	97.72	159.0-160.0	0.20	706.34	0.03	99.77
113.0-114.0	0.41	692.24	0.06	97.77	160.0-161.0	0.19	706.53	0.03	99.79
114.0-115.0	0.40	692.64	0.06	97.83	161.0-162.0	0.19	706.72	0.03	99.82
115.0-116.0	0.40	693.04	0.06	97.89	162.0-163.0	0.18	706.89	0.03	99.84
116.0-117.0	0.39	693.43	0.06	97.94	163.0-164.0	0.17	707.06	0.02	99.87
117.0-118.0	0.39	693.82	0.05	98.00	164.0-165.0	0.16	707.22	0.02	99.89
118.0-119.0	0.38	694.20	0.05	98.05	165.0-166.0	0.15	707.37	0.02	99.91
119.0-120.0	0.38	694.58	0.05	98.10	166.0-167.0	0.14	707.51	0.02	99.93
120.0-121.0	0.38	694.96	0.05	98.16	167.0-168.0	0.13	707.64	0.02	99.95
121.0-122.0	0.37	695.33	0.05	98.21	168.0-169.0	0.12	707.76	0.02	99.97
122.0-123.0	0.36	695.69	0.05	98.26	169.0-170.0	0.11	707.88	0.02	99.98
123.0-124.0	0.36	696.05	0.05	98.31	170.0-171.0	0.10	707.98	0.01	100.00
124.0-125.0	0.36	696.41	0.05	98.36	171.0-172.0	0.09	708.07	0.01	100.01
125.0-126.0	0.35	696.76	0.05	98.41	172.0-173.0	0.08	708.16	0.01	100.02
126.0-127.0	0.34	697.10	0.05	98.46	173.0-174.0	0.07	708.23	0.01	100.03
127.0-128.0	0.34	697.44	0.05	98.51	174.0-175.0	0.06	708.29	0.01	100.04
128.0-129.0	0.33	697.77	0.05	98.55	175.0-176.0	0.05	708.34	0.01	100.05
129.0-130.0	0.33	698.10	0.05	98.60	176.0-177.0	0.04	708.38	0.01	100.05
130.0-131.0	0.33	698.43	0.05	98.65	177.0-178.0	0.03	708.41	0.00	100.06
131.0-132.0	0.32	698.75	0.05	98.69	178.0-179.0	0.02	708.42	0.00	100.06
132.0-133.0	0.32	699.08	0.05	98.74	179.0-180.0	0.01	708.43	0.00	100.06
133.0-134.0	0.32	699.40	0.05	98.78					
134.0-135.0	0.31	699.71	0.04	98.83					
135.0-136.0	0.31	700.02	0.04	98.87					
136.0-137.0	0.31	700.32	0.04	98.92					
137.0-138.0	0.31	700.63	0.04	98.96					
138.0-139.0	0.30	700.93	0.04	99.00					
139.0-140.0	0.30	701.23	0.04	99.04					
140.0-141.0	0.30	701.53	0.04	99.09					

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.IES

## 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



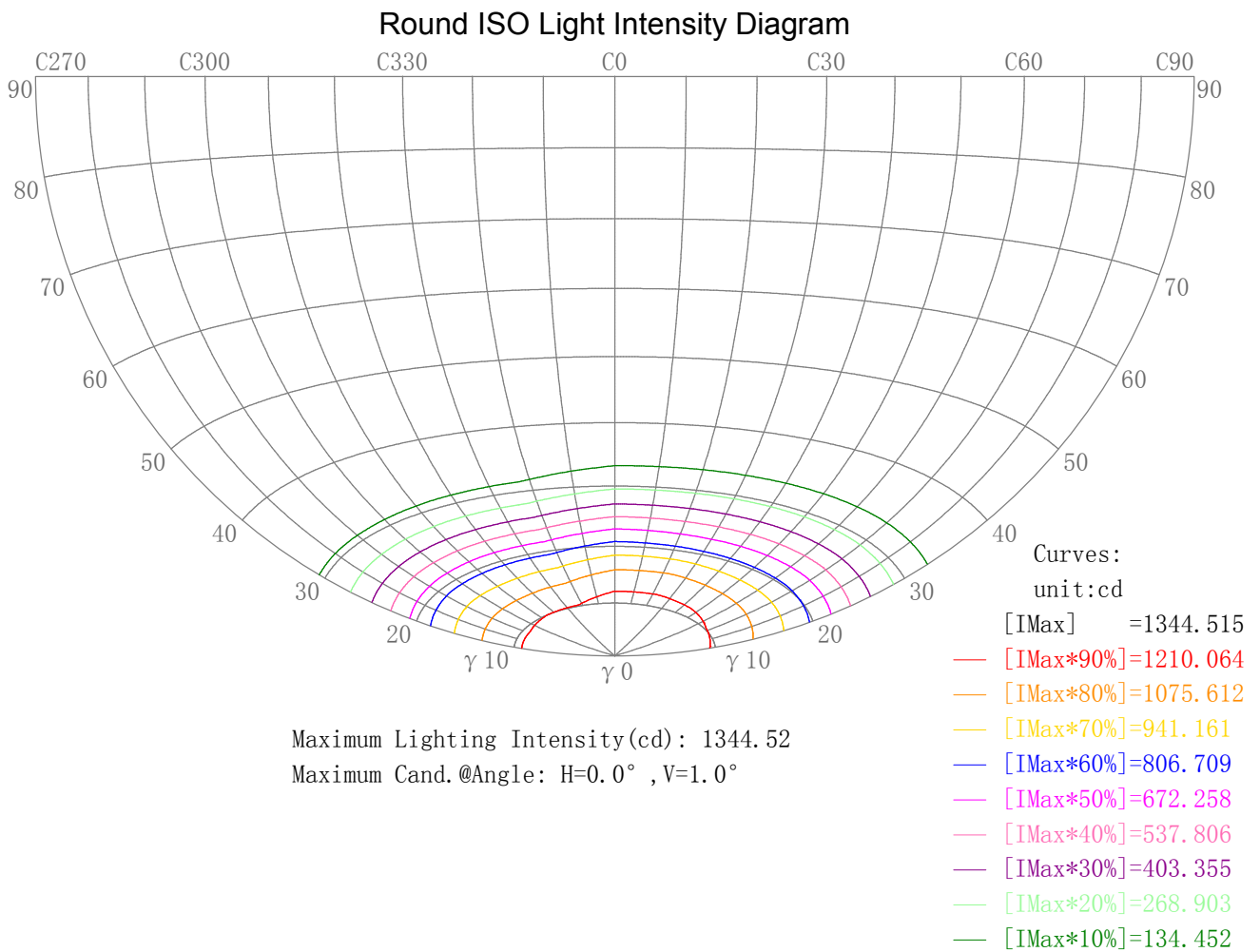
Maximum Light Intensity(cd): 1344.52  
Maximum Cand.@Angle: H=1.0°,V=0.0°

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.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



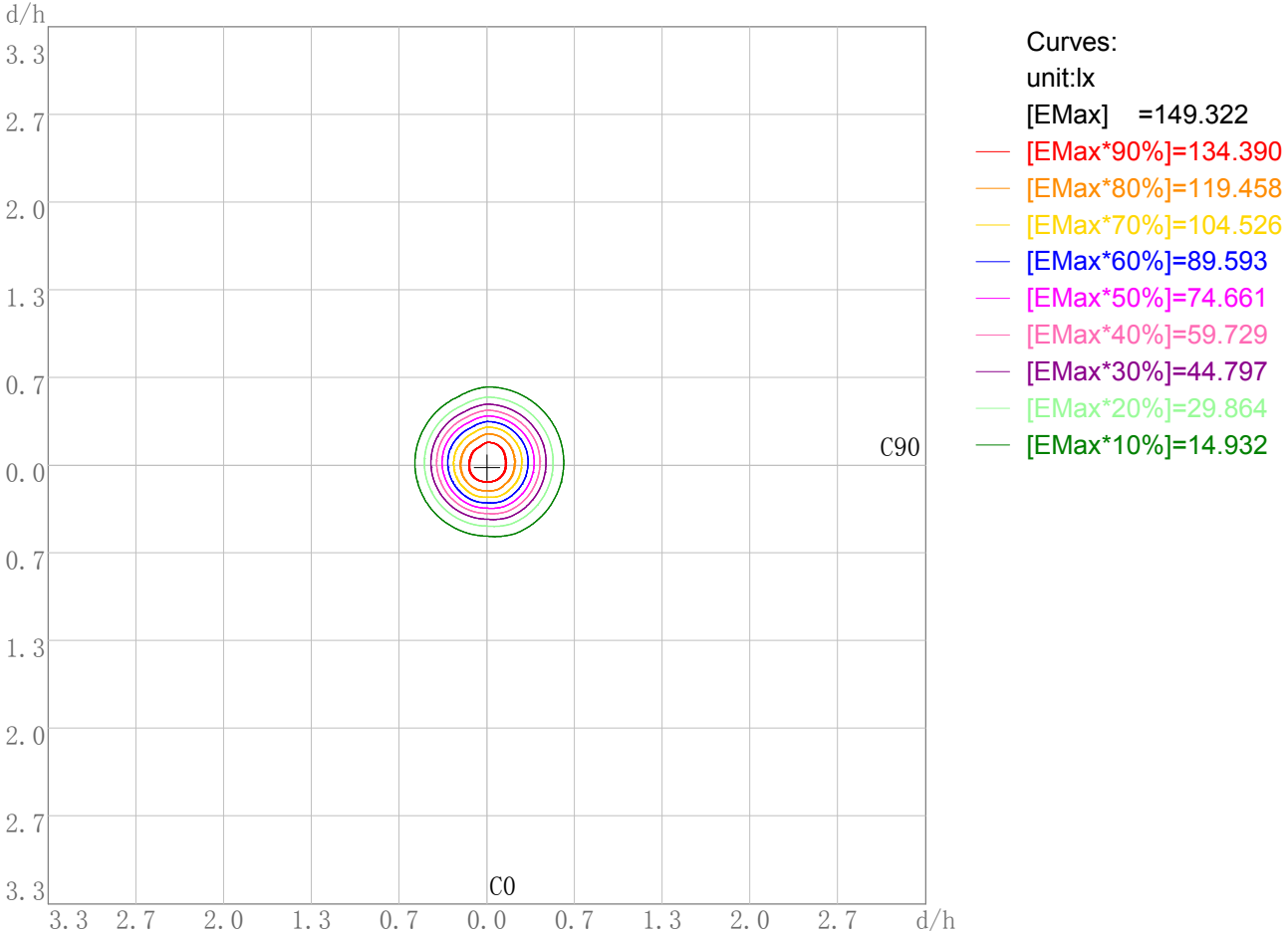
# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.IES

## 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): 149.32  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0



# IES Indoor Report

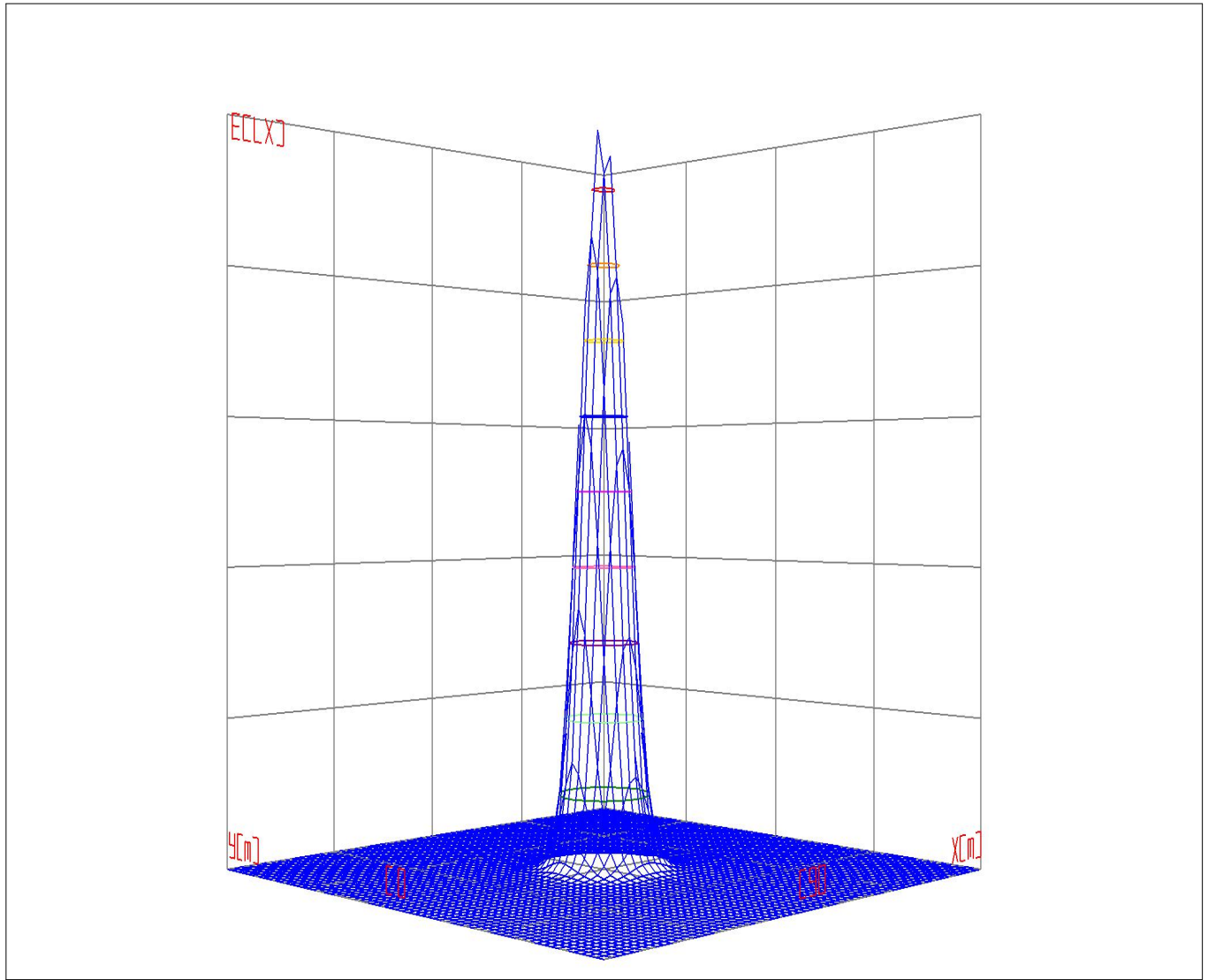
Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.IES

---

## 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

---

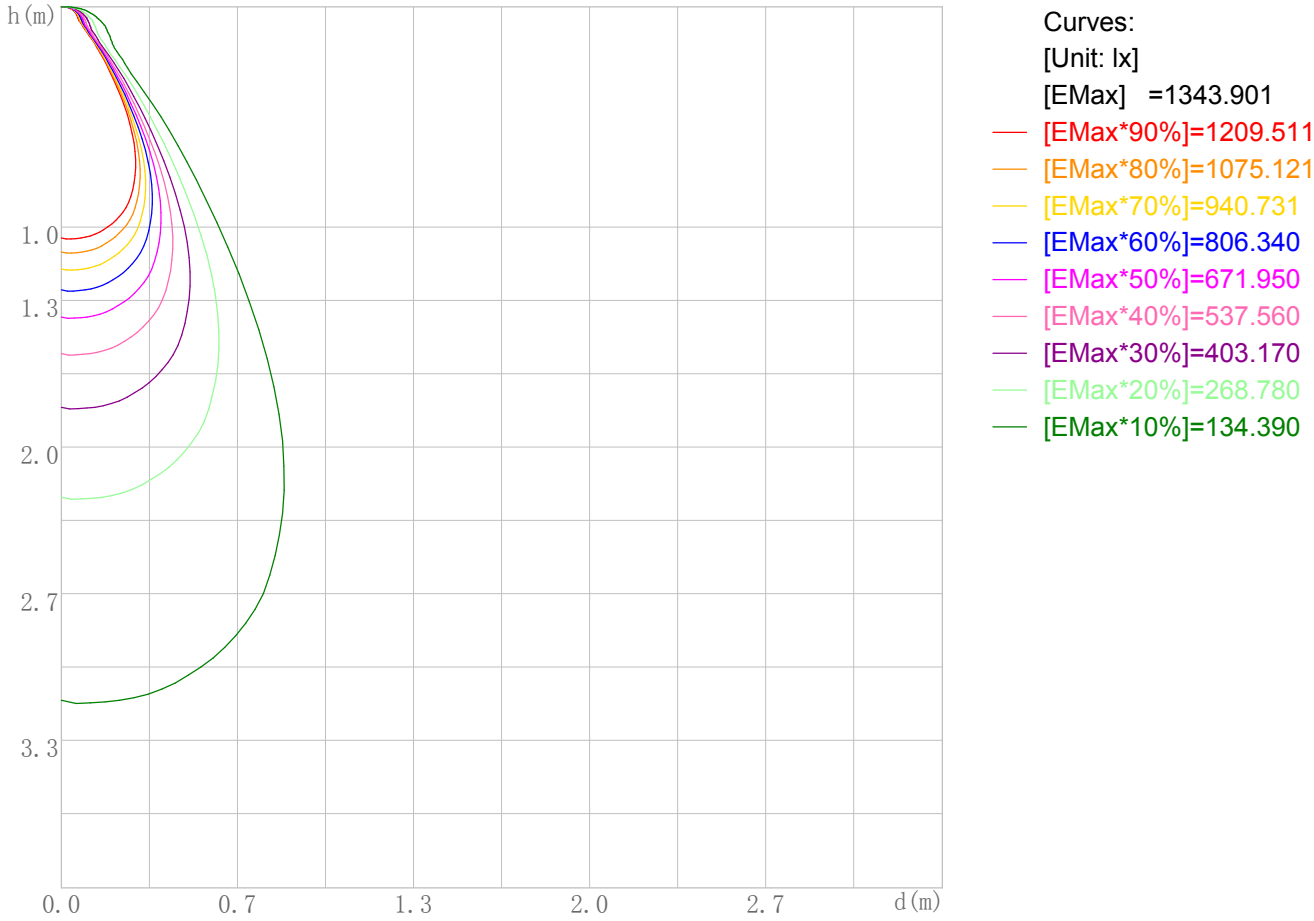
# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.IES

## 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:1343.90lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:1344.515cd,0deg

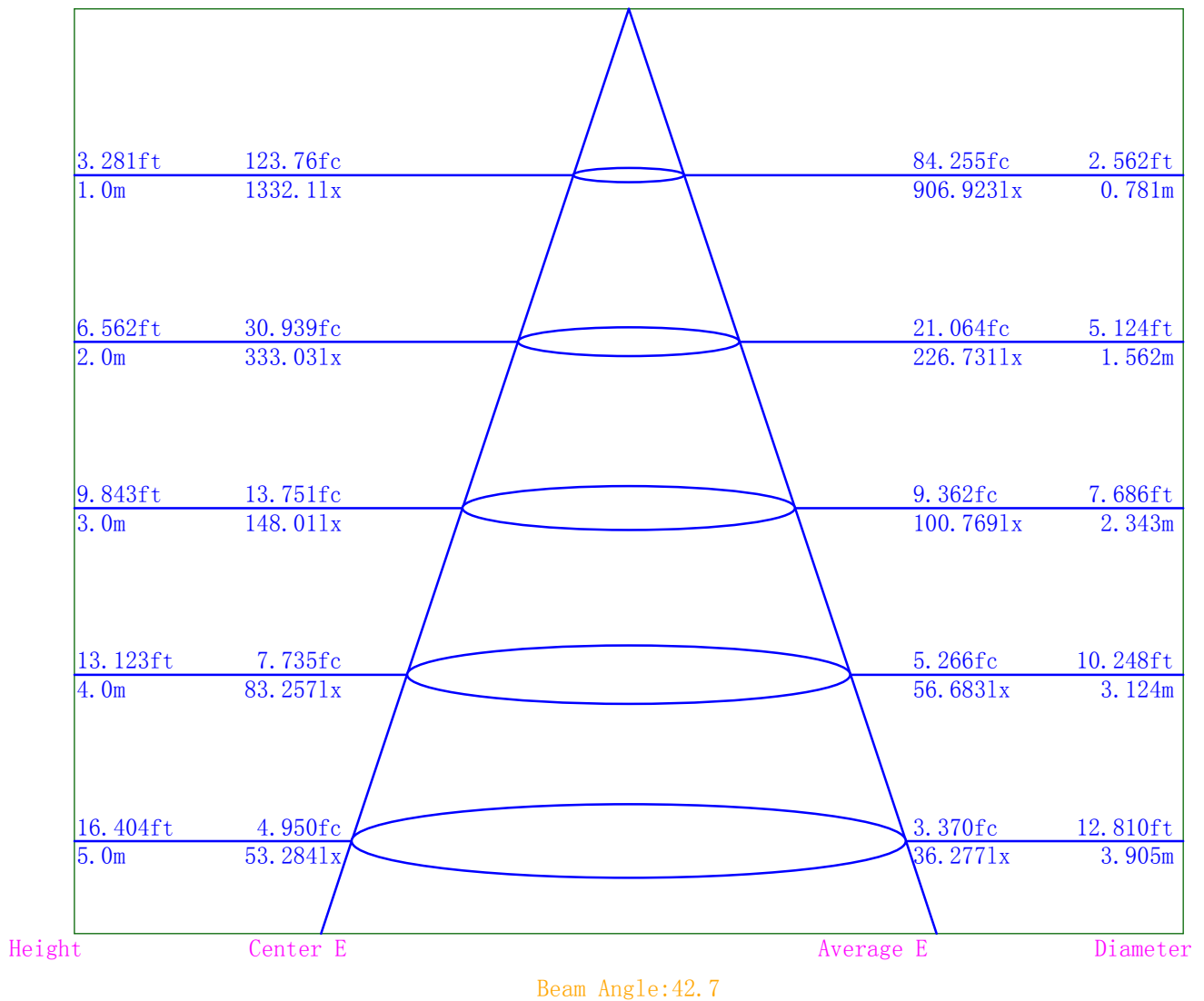
# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.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 10W 1202C9 3090 ZHT35-36D 250.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

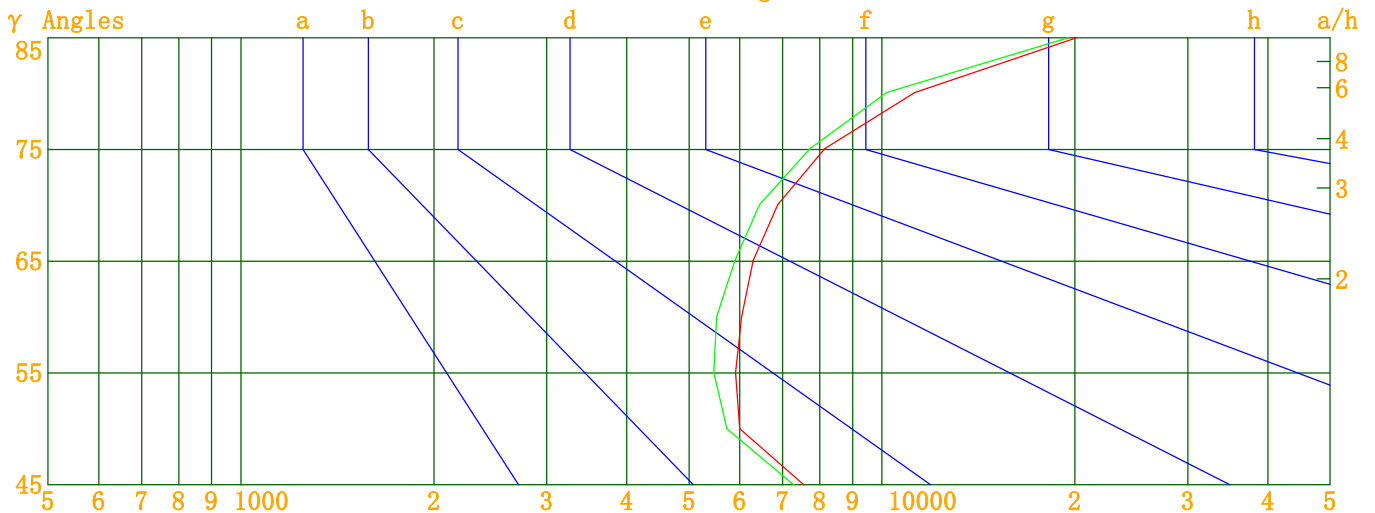
Glare Grade Table

GI	Quality	Using Illuminance							
		a	b	c	d	e	f	g	h
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	7552	5998	5909	6041	6297	6876	8148	11258	20112
C90	7278	5730	5464	5521	5899	6446	7728	10169	19519

Luminance Limiting Curve



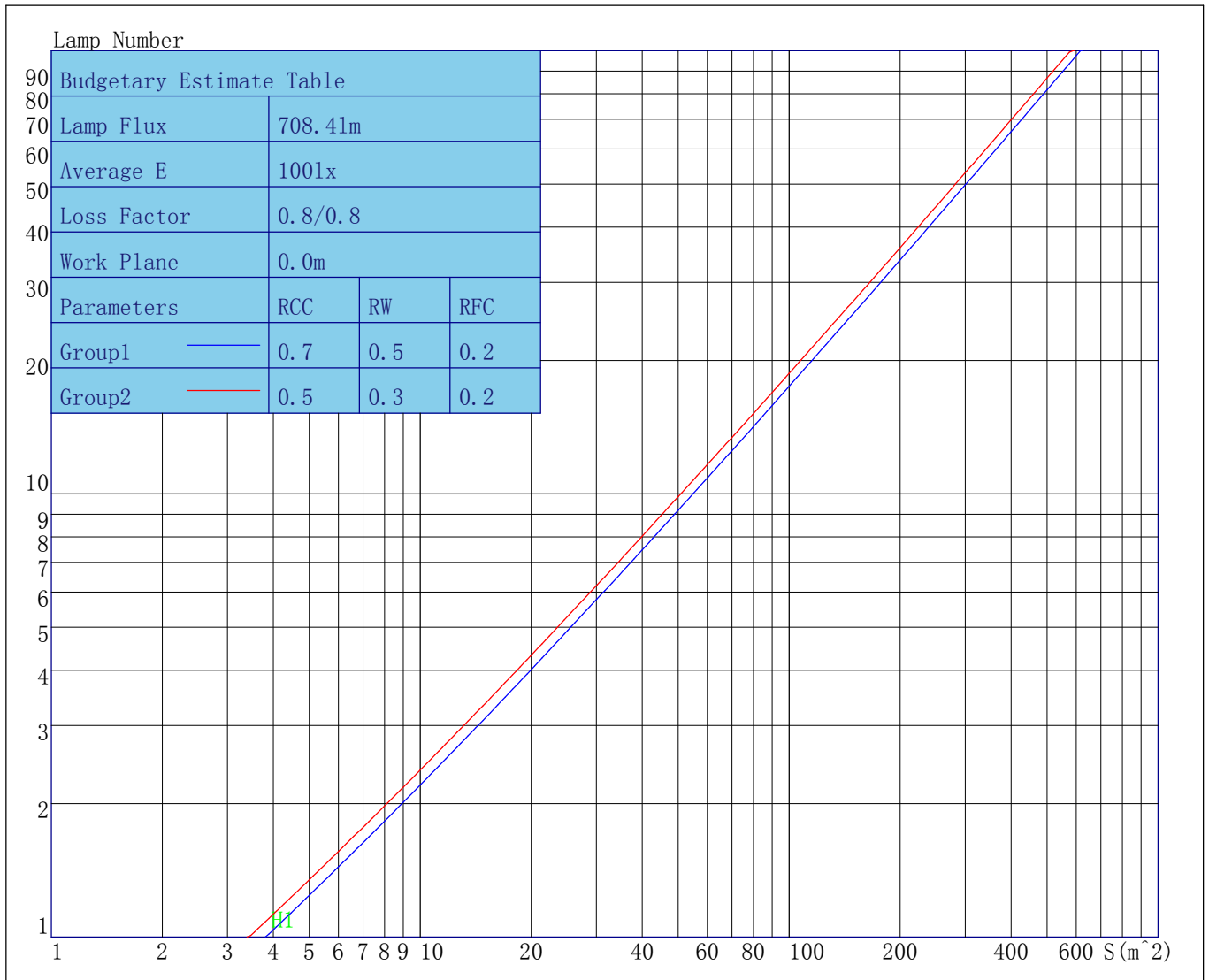
Luminous Size: Length(m)=-0.066 Width(m)=-0.066 Height(m)=0.000 Area(m^2)=0.003421  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.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 10W 1202C9 3090 ZHT35-36D 250.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	109	109	109	104	104	104	99	99	99	96
1	113	110	108	106	110	108	105	103	103	101	100	99	97	96	95	94	93	91
2	108	103	99	96	105	101	98	95	97	95	92	94	92	90	91	89	87	86
3	103	97	93	89	101	96	91	88	93	89	86	90	87	84	87	85	83	81
4	99	92	87	83	97	91	86	83	88	84	81	86	82	80	83	81	79	77
5	95	87	82	78	93	86	81	78	84	80	77	82	78	76	80	77	75	73
6	91	83	78	74	89	82	77	74	80	76	73	79	75	72	77	74	71	70
7	87	79	74	70	86	78	73	70	77	72	69	75	71	69	74	71	68	67
8	84	76	70	67	83	75	70	66	74	69	66	72	68	66	71	68	65	64
9	81	72	67	64	80	72	67	63	71	66	63	69	65	63	68	65	62	61
10	78	69	64	61	77	69	64	61	68	63	60	67	63	60	66	62	60	59

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.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	13.8	14.7	14.2	15.1	15.5	14.0	15.0	14.5	15.3	15.8
	Y=3H	14.5	15.4	15.0	15.8	16.2	14.9	15.7	15.4	16.1	16.6
	Y=4H	15.2	16.0	15.7	16.4	16.9	15.6	16.3	16.0	16.8	17.2
	Y=6H	16.3	17.0	16.7	17.4	17.9	16.5	17.2	17.0	17.6	18.1
	Y=8H	16.9	17.6	17.4	18.0	18.5	17.1	17.7	17.6	18.2	18.7
	Y=12H	17.7	18.4	18.2	18.8	19.4	17.8	18.5	18.4	18.9	19.5
X=4H	Y=2H	13.7	14.5	14.2	14.9	15.4	14.2	14.9	14.7	15.4	15.9
	Y=3H	14.8	15.4	15.3	15.9	16.4	15.4	16.0	15.9	16.5	17.0
	Y=4H	15.6	16.2	16.2	16.7	17.3	16.3	16.8	16.8	17.3	17.9
	Y=6H	17.0	17.5	17.5	18.0	18.5	17.5	17.9	18.0	18.5	19.0
	Y=8H	17.8	18.2	18.3	18.8	19.3	18.2	18.7	18.8	19.2	19.8
	Y=12H	18.8	19.2	19.4	19.8	20.4	19.2	19.6	19.7	20.1	20.7
X=8H	Y=4H	15.9	16.3	16.4	16.9	17.4	16.6	17.1	17.2	17.6	18.2
	Y=6H	17.5	17.8	18.0	18.4	19.0	18.1	18.5	18.7	19.1	19.7
	Y=8H	18.5	18.8	19.1	19.4	20.0	19.1	19.4	19.7	20.0	20.6
	Y=12H	19.8	20.0	20.3	20.6	21.3	20.3	20.6	20.9	21.1	21.8
X=12H	Y=4H	15.9	16.3	16.5	16.9	17.5	16.7	17.1	17.3	17.7	18.3
	Y=6H	17.6	17.9	18.2	18.5	19.1	18.4	18.7	19.0	19.2	19.9
	Y=8H	18.7	19.0	19.3	19.6	20.2	19.4	19.7	20.0	20.3	21.0
Variations with the objverer position at spacings											
S=1.0H	0.0/-0.1					0.1/-0.1					
S=1.5H	0.1/-0.1					0.1/-0.1					
S=2.0H	0.2/-0.4					0.1/-0.1					
Reduced UGR Table:											
Nordic Standard Table:	BKO					BKO					
Correction Value	3.8					4.0					

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

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.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	1332.11	1332.11	1332.11	1332.11	1332.11	1332.11	1332.11	1332.11	1332.11	1332.11	1332.11	1332.11
$\gamma$ 1.0	1344.52	1339.24	1334.68	1331.04	1328.34	1325.98	1324.48	1323.47	1338.93	1333.84	1332.25	1331.50
$\gamma$ 2.0	1344.37	1338.41	1333.65	1329.72	1326.24	1323.52	1321.10	1319.03	1331.21	1326.92	1328.00	1329.74
$\gamma$ 3.0	1343.50	1336.87	1331.02	1325.98	1322.30	1319.19	1315.33	1311.51	1319.41	1316.37	1320.87	1325.61
$\gamma$ 4.0	1341.94	1334.82	1326.86	1319.93	1315.41	1312.06	1306.43	1300.39	1303.38	1302.25	1310.89	1318.08
$\gamma$ 5.0	1337.90	1331.73	1320.86	1309.72	1303.86	1300.76	1293.72	1285.59	1284.27	1285.91	1297.64	1305.83
$\gamma$ 6.0	1330.32	1326.33	1312.64	1295.96	1287.64	1285.12	1276.76	1267.61	1263.40	1267.69	1280.25	1288.91
$\gamma$ 7.0	1319.10	1317.67	1301.52	1278.84	1267.82	1264.85	1256.48	1247.81	1240.85	1247.86	1259.93	1268.31
$\gamma$ 8.0	1303.65	1304.52	1287.10	1258.77	1245.50	1241.58	1233.15	1226.34	1216.76	1226.41	1236.10	1243.82
$\gamma$ 9.0	1283.56	1286.88	1268.71	1237.10	1221.48	1216.34	1207.07	1203.57	1190.79	1202.95	1209.47	1216.98
$\gamma$ 10.0	1264.10	1265.30	1247.16	1214.16	1195.92	1189.24	1178.49	1178.82	1161.92	1176.49	1179.58	1187.11
$\gamma$ 11.0	1242.02	1240.85	1221.72	1189.72	1168.26	1159.56	1147.18	1151.34	1129.83	1146.03	1146.21	1154.94
$\gamma$ 12.0	1214.33	1214.07	1193.83	1163.25	1138.48	1127.58	1112.90	1119.68	1094.09	1110.75	1108.43	1119.19
$\gamma$ 13.0	1184.72	1184.88	1162.87	1134.31	1105.68	1091.91	1075.62	1082.67	1053.46	1069.24	1064.58	1077.71
$\gamma$ 14.0	1151.87	1153.06	1128.64	1101.15	1068.90	1053.09	1034.88	1040.22	1005.75	1020.43	1014.01	1028.98
$\gamma$ 15.0	1116.18	1117.35	1090.16	1064.56	1028.67	1010.52	989.88	991.93	953.53	965.78	959.42	974.99
$\gamma$ 16.0	1073.55	1074.91	1046.64	1022.35	985.47	964.27	942.26	940.42	899.16	908.16	903.54	919.83
$\gamma$ 17.0	1023.20	1024.60	996.75	975.51	939.46	915.35	892.73	887.38	842.24	848.24	845.96	862.42
$\gamma$ 18.0	968.23	967.78	943.15	925.47	891.29	864.09	841.78	831.95	781.58	785.07	786.36	803.07
$\gamma$ 19.0	913.35	908.07	888.28	873.74	841.19	810.86	789.15	774.83	718.45	720.54	724.93	742.03
$\gamma$ 20.0	856.40	847.09	831.21	819.26	787.61	754.20	732.90	715.22	652.81	654.04	661.50	679.06
$\gamma$ 21.0	795.69	783.85	772.23	761.91	729.59	694.61	673.35	653.34	587.65	587.23	597.73	615.28
$\gamma$ 22.0	732.99	719.73	710.66	700.27	667.75	631.80	611.19	590.48	523.26	521.16	533.38	549.88
$\gamma$ 23.0	669.24	655.18	647.40	636.72	603.77	567.91	547.33	527.46	460.93	457.66	469.67	485.86
$\gamma$ 24.0	603.59	590.78	583.27	571.56	538.89	504.28	483.89	465.70	401.80	397.45	407.60	423.10
$\gamma$ 25.0	537.77	526.86	518.71	507.09	475.10	442.56	422.71	406.43	345.09	340.96	348.49	362.93
$\gamma$ 26.0	472.46	464.10	454.92	443.64	414.01	383.91	364.37	350.77	293.03	288.83	294.46	306.44
$\gamma$ 27.0	408.95	402.92	394.53	383.11	357.02	329.69	311.66	299.87	246.91	241.86	246.19	255.52
$\gamma$ 28.0	349.56	345.31	338.04	327.20	304.95	280.88	264.63	254.26	206.25	200.99	203.65	210.91
$\gamma$ 29.0	295.04	292.80	286.05	277.01	257.82	237.52	223.08	213.50	171.08	166.09	167.55	173.29
$\gamma$ 30.0	246.26	245.52	239.76	231.90	216.37	199.47	186.69	178.14	141.12	136.50	137.10	141.66
$\gamma$ 31.0	205.05	204.77	199.91	193.62	181.00	167.32	155.83	148.34	116.16	112.14	111.99	116.13
$\gamma$ 32.0	170.14	170.58	166.51	161.33	151.18	140.27	130.12	123.49	95.68	92.20	91.30	94.38
$\gamma$ 33.0	141.01	141.68	138.62	134.24	126.12	117.77	108.96	103.13	78.92	75.66	74.55	77.09
$\gamma$ 34.0	116.83	117.73	115.48	111.69	105.37	98.79	91.62	86.02	64.97	62.29	60.91	63.26
$\gamma$ 35.0	96.79	98.17	96.38	92.86	88.00	83.01	77.11	72.14	53.75	51.43	49.72	51.81
$\gamma$ 36.0	80.08	81.58	79.86	77.33	73.35	70.17	65.01	60.59	44.25	42.09	40.24	41.92
$\gamma$ 37.0	65.73	67.47	66.34	64.69	61.05	58.95	54.85	50.52	36.20	34.16	32.63	33.50
$\gamma$ 38.0	53.72	55.22	54.65	53.45	50.66	49.72	45.86	42.16	29.20	27.55	25.97	26.61
$\gamma$ 39.0	43.06	44.92	44.48	43.98	41.87	41.45	38.24	35.25	23.41	22.26	21.14	21.68
$\gamma$ 40.0	35.01	36.59	36.47	36.02	34.79	34.56	31.96	29.66	19.37	18.54	17.76	18.25
$\gamma$ 41.0	28.90	30.47	30.28	30.21	29.13	29.05	26.95	25.63	16.26	15.86	15.51	15.68
$\gamma$ 42.0	25.34	26.09	26.08	25.78	25.23	24.92	23.43	22.64	14.38	13.66	13.55	13.32
$\gamma$ 43.0	22.73	22.97	23.29	23.11	22.35	22.20	21.07	20.07	12.12	11.83	11.40	11.51
$\gamma$ 44.0	20.63	20.78	20.61	20.55	19.84	19.92	18.98	18.10	10.57	10.01	9.55	9.93
$\gamma$ 45.0	18.27	18.66	18.55	18.26	17.61	17.62	17.07	16.31	9.14	8.53	8.45	8.75
$\gamma$ 46.0	16.44	16.83	16.81	16.27	15.88	15.69	15.48	14.77	8.05	7.70	7.58	7.89



# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.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	14.95	15.23	15.22	14.68	14.58	14.30	14.21	13.81	7.13	7.13	7.02	7.26
γ 48.0	14.20	14.26	13.94	13.56	13.51	13.35	13.42	13.01	6.65	6.64	6.49	7.00
γ 49.0	13.40	13.76	13.26	13.17	13.01	12.69	12.54	12.57	6.25	6.33	6.24	6.32
γ 50.0	13.19	13.11	12.90	12.78	12.60	12.30	12.31	12.13	5.99	6.04	5.97	5.91
γ 51.0	12.66	12.74	12.67	12.25	12.15	11.90	11.93	11.83	5.73	5.58	5.76	5.88
γ 52.0	12.29	12.24	12.22	11.91	11.82	11.54	11.62	11.43	5.57	5.35	5.21	5.30
γ 53.0	12.01	11.95	11.86	11.37	11.53	11.11	11.46	11.15	5.30	5.05	4.97	5.11
γ 54.0	11.82	11.56	11.52	11.20	11.15	10.93	11.23	11.05	4.84	4.92	4.88	4.96
γ 55.0	11.60	11.18	11.28	10.66	10.72	10.69	10.84	10.77	4.70	4.69	4.49	4.39
γ 56.0	11.15	10.87	11.01	10.59	10.41	10.50	10.59	10.50	4.61	4.44	4.37	4.41
γ 57.0	10.84	10.63	10.74	10.54	10.24	10.14	10.30	10.36	4.22	4.47	4.18	3.94
γ 58.0	10.62	10.43	10.35	10.29	10.15	9.83	10.14	10.23	4.26	4.35	4.12	3.72
γ 59.0	10.57	10.35	10.33	9.87	9.78	9.93	9.92	9.94	4.24	3.97	3.89	3.49
γ 60.0	10.33	10.08	10.08	9.78	9.44	9.69	9.61	9.70	3.97	3.79	3.86	3.66
γ 61.0	10.05	10.16	9.68	9.71	9.29	9.20	9.40	9.44	3.65	3.63	3.73	3.48
γ 62.0	10.25	9.85	9.56	9.41	9.32	9.19	9.22	9.20	3.69	3.55	3.44	3.30
γ 63.0	9.81	9.43	9.26	9.15	9.23	9.07	9.02	9.05	3.59	3.45	3.20	3.14
γ 64.0	9.72	9.10	9.20	8.87	8.91	8.89	8.70	8.86	3.67	3.39	2.99	2.72
γ 65.0	9.10	8.81	8.99	8.56	8.53	8.44	8.60	8.64	3.30	3.05	2.95	2.70
γ 66.0	9.00	8.44	8.91	8.44	8.28	8.25	8.16	8.45	3.14	2.91	2.78	2.66
γ 67.0	8.86	8.18	8.38	8.14	8.12	8.09	7.78	8.25	2.89	3.26	2.90	2.61
γ 68.0	8.41	8.17	8.03	8.11	7.94	7.94	7.64	8.01	3.09	3.31	2.82	2.43
γ 69.0	8.42	8.03	7.92	7.81	7.72	7.48	7.50	7.85	3.15	3.08	2.71	2.54
γ 70.0	8.05	7.71	7.76	7.81	7.54	7.31	7.30	7.71	3.22	2.99	2.69	2.51
γ 71.0	8.01	7.49	7.84	7.28	7.26	7.32	7.22	7.42	3.23	3.14	2.76	2.67
γ 72.0	7.86	7.54	7.68	7.16	7.24	7.16	7.09	7.31	3.18	3.21	2.74	2.40
γ 73.0	7.65	7.42	7.52	7.35	7.03	6.72	6.97	6.98	3.41	3.34	2.82	2.78
γ 74.0	7.39	7.39	7.25	6.89	6.87	6.46	6.82	7.02	3.11	3.34	2.84	2.62
γ 75.0	7.22	6.95	7.10	6.74	6.84	6.38	6.78	7.03	3.15	3.10	2.83	2.61
γ 76.0	7.07	6.77	6.75	6.64	6.84	6.33	6.59	6.77	3.10	3.29	2.98	2.65
γ 77.0	7.00	6.80	6.90	6.51	6.65	6.41	6.19	6.50	3.36	3.03	3.01	2.65
γ 78.0	6.82	6.78	6.64	6.49	6.46	6.07	6.23	6.48	3.40	3.15	2.77	2.99
γ 79.0	6.81	6.68	6.50	6.24	6.21	6.20	6.15	6.28	3.26	3.15	2.73	3.00
γ 80.0	6.69	6.60	6.43	6.09	6.04	6.04	6.10	6.20	3.40	2.94	2.84	2.96
γ 81.0	6.55	6.49	6.47	6.10	6.10	5.88	5.95	6.30	3.29	3.19	3.06	2.71
γ 82.0	6.36	6.16	6.53	6.11	6.10	5.79	5.95	6.08	3.21	3.23	3.30	2.75
γ 83.0	6.22	6.01	6.21	5.98	5.95	5.51	5.66	5.93	3.56	3.27	3.35	2.73
γ 84.0	6.21	6.01	6.21	5.81	5.89	5.32	5.64	5.64	3.73	3.33	3.15	2.90
γ 85.0	6.00	6.00	5.97	5.72	5.82	5.52	5.68	5.57	3.80	3.34	3.11	2.86
γ 86.0	5.91	5.96	5.91	5.65	5.58	5.41	5.44	5.46	3.65	3.35	3.21	3.25
γ 87.0	5.89	5.74	5.72	5.72	5.47	5.40	5.43	5.41	3.53	3.15	3.20	3.16
γ 88.0	5.93	5.37	5.64	5.77	5.26	5.30	5.40	5.30	3.46	3.19	3.30	3.36
γ 89.0	5.83	5.24	5.58	5.60	5.13	4.92	5.64	5.13	3.66	3.40	3.35	3.14
γ 90.0	5.56	5.35	5.37	5.49	5.33	4.99	5.32	5.20	3.70	3.42	3.41	3.29
γ 91.0	5.56	5.20	5.43	5.28	5.34	5.11	5.08	5.21	3.71	3.29	3.54	3.38
γ 92.0	5.53	5.37	5.32	5.07	5.24	5.03	5.04	5.20	3.81	3.48	3.46	3.20
γ 93.0	5.41	5.27	5.24	5.46	5.07	5.22	4.95	5.02	3.84	3.47	3.28	3.37

---

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.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	5.44	5.30	5.15	5.28	4.92	5.17	4.96	4.99	3.83	3.44	3.51	3.39
γ 95.0	5.49	4.97	5.03	5.06	4.97	4.86	4.88	4.86	3.93	3.60	3.64	3.54
γ 96.0	5.20	5.16	5.08	5.19	5.01	4.96	4.73	4.87	3.78	3.52	3.53	3.48
γ 97.0	5.11	5.14	5.11	4.79	4.95	4.87	4.76	4.80	3.97	3.82	3.61	3.51
γ 98.0	4.94	5.14	5.01	4.63	4.74	4.63	4.84	4.71	3.72	3.82	3.77	3.27
γ 99.0	4.91	5.00	4.95	4.86	4.63	4.84	4.90	4.73	3.77	3.68	3.84	3.52
γ 100.0	5.06	4.75	4.90	4.81	4.69	4.65	4.76	4.82	3.88	3.73	3.91	3.38
γ 101.0	4.89	4.81	4.83	4.84	4.64	4.44	4.81	4.91	3.94	3.99	3.83	3.72
γ 102.0	4.93	4.69	4.70	4.65	4.61	4.28	4.87	4.78	3.92	3.88	4.03	3.65
γ 103.0	4.69	4.74	4.61	4.66	4.65	4.28	4.83	4.75	3.82	3.89	3.92	3.64
γ 104.0	4.82	4.64	4.49	4.50	4.65	4.20	4.54	4.48	4.25	3.93	4.00	3.66
γ 105.0	4.72	4.59	4.44	4.36	4.52	4.49	4.59	4.36	3.94	3.73	4.19	3.64
γ 106.0	4.64	4.52	4.46	4.40	4.53	4.53	4.66	4.32	3.77	3.69	4.01	3.51
γ 107.0	4.46	4.29	4.35	4.34	4.52	4.27	4.43	4.30	3.85	3.66	4.18	3.47
γ 108.0	4.59	4.40	4.41	4.30	4.42	4.36	4.30	4.51	3.97	3.99	3.94	3.56
γ 109.0	4.40	4.29	4.48	4.32	4.36	4.30	4.54	4.52	3.94	4.00	3.70	3.73
γ 110.0	4.51	4.42	4.53	4.67	4.18	4.09	4.72	4.37	3.66	4.00	3.70	3.73
γ 111.0	4.46	4.39	4.39	4.53	4.22	4.23	4.56	4.48	3.97	3.77	3.72	3.43
γ 112.0	4.48	4.35	4.18	4.45	4.25	4.30	4.46	4.47	4.04	3.97	3.98	3.69
γ 113.0	4.38	4.46	4.12	4.57	4.27	4.10	4.32	4.33	4.11	3.87	4.04	3.70
γ 114.0	4.42	4.22	4.24	4.27	4.42	4.18	4.17	4.24	3.85	3.96	3.90	3.84
γ 115.0	4.14	4.21	4.52	4.30	4.53	3.93	4.10	4.19	3.76	3.83	3.65	3.75
γ 116.0	4.20	4.16	4.18	4.41	4.38	4.05	4.31	4.20	3.90	4.04	3.77	3.74
γ 117.0	4.27	4.29	4.32	4.41	4.15	4.18	4.21	4.45	3.86	3.91	3.67	3.78
γ 118.0	4.25	4.00	4.24	4.22	4.15	4.06	4.16	4.33	3.88	3.83	3.69	3.68
γ 119.0	4.14	4.08	4.14	4.45	4.19	4.03	4.18	4.19	3.85	3.71	3.60	3.57
γ 120.0	4.24	4.14	4.29	4.30	4.31	3.93	4.18	4.03	3.96	3.77	3.82	4.11
γ 121.0	4.27	4.04	4.21	4.36	4.34	4.06	4.24	3.98	3.87	3.74	3.73	3.76
γ 122.0	3.95	4.17	4.15	4.45	4.20	4.05	4.14	4.09	3.97	4.02	3.77	3.77
γ 123.0	3.94	3.87	4.11	4.32	4.26	4.05	4.09	4.19	3.99	4.16	3.76	3.86
γ 124.0	4.02	3.89	4.06	4.29	4.17	4.12	4.16	4.15	3.79	4.02	3.78	3.89
γ 125.0	4.15	3.79	4.24	4.08	4.20	4.01	4.15	4.31	4.07	4.14	3.77	3.83
γ 126.0	3.88	3.76	3.89	4.11	4.06	4.01	4.05	4.14	4.01	3.99	3.94	3.84
γ 127.0	4.11	3.71	3.83	4.24	4.04	4.06	3.91	4.11	3.84	4.06	4.01	3.85
γ 128.0	4.08	3.55	3.97	4.02	3.99	3.82	3.95	4.11	4.03	3.87	4.02	3.73
γ 129.0	4.09	3.67	3.85	4.24	3.96	4.05	3.96	4.18	4.03	4.01	4.00	3.77
γ 130.0	3.97	3.78	4.15	4.16	3.86	3.87	3.82	4.10	4.00	4.05	3.81	4.05
γ 131.0	4.20	3.68	4.13	4.17	3.99	4.03	3.87	3.99	4.12	4.12	3.61	4.00
γ 132.0	3.66	3.82	4.33	4.32	4.02	4.01	3.92	4.00	4.20	4.11	3.92	3.79
γ 133.0	3.95	3.96	4.27	4.49	4.09	4.14	3.90	4.20	4.19	4.38	3.84	4.04
γ 134.0	3.89	3.67	4.03	4.63	4.24	4.24	3.96	4.24	4.11	4.03	3.90	4.00
γ 135.0	3.81	3.71	4.14	4.32	4.11	4.19	3.91	4.27	4.08	4.12	4.00	4.11
γ 136.0	4.00	3.83	4.09	4.37	3.99	4.17	4.06	4.20	4.05	4.19	4.03	3.90
γ 137.0	4.09	3.98	4.13	4.32	4.23	4.31	3.95	4.28	4.32	4.64	4.30	3.90
γ 138.0	3.97	3.93	4.25	4.37	4.32	4.46	4.20	4.50	4.38	4.29	4.15	4.00
γ 139.0	4.05	3.98	4.06	4.48	4.10	4.37	4.26	4.50	4.23	4.26	4.31	4.01
γ 140.0	4.29	4.13	4.34	4.30	4.19	4.27	4.25	4.39	4.71	4.39	4.45	3.94

---

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.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 141.0	4.21	4.15	4.63	4.53	4.39	4.23	4.14	4.40	4.68	4.47	4.59	4.35
γ 142.0	4.13	4.51	4.47	4.45	4.46	4.36	4.15	4.33	4.71	4.40	4.65	4.34
γ 143.0	4.15	4.30	4.40	4.72	4.48	4.33	4.36	4.40	4.75	4.57	4.61	4.22
γ 144.0	4.42	4.19	4.64	4.50	4.70	4.59	4.55	4.74	4.71	4.65	4.77	4.21
γ 145.0	4.44	4.32	4.69	4.58	4.71	4.48	4.58	4.61	4.62	4.88	4.66	4.56
γ 146.0	4.41	4.59	4.59	4.46	4.78	4.33	4.59	4.52	4.72	4.77	4.90	4.30
γ 147.0	4.32	4.55	4.53	4.45	4.80	4.52	4.65	4.60	4.70	5.06	4.88	4.45
γ 148.0	4.30	4.52	4.69	4.75	4.64	4.62	4.57	4.69	4.95	4.87	4.85	4.51
γ 149.0	4.60	4.39	4.68	4.81	4.53	4.59	4.69	4.60	4.95	4.97	4.86	4.59
γ 150.0	4.44	4.33	4.59	4.82	4.61	4.86	4.85	4.51	5.06	5.01	4.84	4.49
γ 151.0	4.53	4.74	4.81	5.00	4.82	4.64	4.89	4.78	5.16	5.23	5.13	4.80
γ 152.0	4.87	4.66	4.77	5.15	5.14	4.72	4.92	4.85	5.00	4.93	4.91	4.70
γ 153.0	5.01	4.65	4.62	5.02	5.27	4.69	5.01	4.96	5.15	5.10	5.06	4.74
γ 154.0	4.91	4.52	4.75	5.15	5.24	4.68	4.97	4.87	4.99	5.11	5.31	4.79
γ 155.0	4.93	4.81	4.86	5.32	5.30	4.76	4.97	4.96	5.15	4.98	5.14	5.14
γ 156.0	4.91	5.03	4.97	5.96	5.33	4.84	5.03	4.90	5.23	4.96	5.23	5.09
γ 157.0	4.95	5.10	5.05	5.96	5.36	4.97	5.12	4.89	5.37	5.22	5.29	5.13
γ 158.0	5.09	5.17	5.19	6.29	5.51	4.95	5.14	5.09	5.39	5.21	5.26	5.19
γ 159.0	5.39	5.09	5.18	5.85	5.44	5.11	5.34	5.18	5.29	5.28	5.35	5.07
γ 160.0	5.22	5.20	4.97	5.59	5.36	4.96	5.27	5.27	5.49	5.18	5.32	5.21
γ 161.0	5.53	5.22	5.22	5.60	5.41	4.89	5.18	5.38	5.34	5.29	5.49	5.13
γ 162.0	5.53	5.40	5.34	5.64	5.68	5.01	5.32	5.50	5.32	5.23	5.58	4.92
γ 163.0	5.68	5.57	5.37	5.58	5.77	5.16	5.35	5.48	5.38	5.44	5.44	5.32
γ 164.0	5.67	5.78	5.41	5.59	5.67	5.03	5.45	5.68	5.50	5.43	5.47	5.27
γ 165.0	5.59	5.55	5.38	5.50	5.51	5.14	5.60	5.63	5.65	5.57	5.47	4.99
γ 166.0	5.54	5.62	5.44	5.65	5.55	5.16	5.51	5.32	5.55	5.47	5.46	5.12
γ 167.0	5.71	5.56	5.69	5.43	5.61	5.13	5.64	5.36	5.49	5.65	5.55	5.19
γ 168.0	5.78	5.80	5.69	5.38	5.43	5.38	5.66	5.61	5.71	5.66	5.61	5.42
γ 169.0	5.71	5.82	5.53	5.55	5.49	5.41	5.68	5.65	5.66	5.67	5.59	5.38
γ 170.0	5.88	5.62	5.72	5.73	5.69	5.48	5.74	5.66	6.02	5.74	5.69	5.72
γ 171.0	5.95	5.63	5.89	5.47	5.67	5.49	5.66	5.81	5.85	5.78	5.77	5.55
γ 172.0	6.05	6.00	5.99	5.49	5.64	5.73	5.83	5.65	6.03	6.07	6.00	5.57
γ 173.0	5.86	6.24	5.84	5.47	5.68	5.65	5.90	5.94	5.94	5.88	5.84	5.62
γ 174.0	5.93	6.10	5.96	5.67	5.77	5.70	5.99	6.10	5.77	5.87	5.83	5.69
γ 175.0	5.74	5.98	6.10	5.91	5.89	5.58	6.12	5.88	5.96	5.85	5.80	5.79
γ 176.0	6.05	6.01	5.80	5.80	5.92	5.62	6.18	5.69	5.97	6.09	5.98	6.00
γ 177.0	6.30	6.06	5.86	5.74	6.02	5.47	5.96	5.77	6.22	6.06	6.13	5.66
γ 178.0	5.91	6.14	6.01	5.80	5.94	5.42	5.86	5.87	6.17	6.07	5.98	5.86
γ 179.0	5.86	5.99	6.04	5.70	6.01	5.64	6.04	5.79	6.38	6.04	6.07	6.09
γ 180.0	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95	5.95
V/H	C270.0	C292.5	C315.0	C337.5								
γ 0.0	1332.11	1332.11	1332.11	1332.11								
γ 1.0	1330.10	1328.94	1327.40	1325.04								
γ 2.0	1329.44	1327.71	1326.42	1324.00								
γ 3.0	1325.66	1323.66	1323.14	1322.09								
γ 4.0	1317.63	1315.70	1317.89	1318.21								
γ 5.0	1304.98	1303.45	1309.78	1311.29								

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.IES

---

## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
$\gamma$ 6. 0	1287. 71	1286. 77	1298. 08	1300. 81
$\gamma$ 7. 0	1266. 43	1267. 01	1282. 60	1285. 81
$\gamma$ 8. 0	1242. 63	1243. 92	1262. 45	1266. 21
$\gamma$ 9. 0	1216. 74	1218. 91	1238. 05	1242. 22
$\gamma$ 10. 0	1188. 66	1191. 97	1210. 00	1215. 54
$\gamma$ 11. 0	1157. 86	1163. 47	1179. 19	1186. 94
$\gamma$ 12. 0	1123. 69	1132. 45	1145. 14	1156. 11
$\gamma$ 13. 0	1085. 61	1098. 26	1108. 07	1122. 69
$\gamma$ 14. 0	1042. 45	1059. 78	1068. 03	1085. 64
$\gamma$ 15. 0	994. 98	1017. 39	1024. 42	1043. 39
$\gamma$ 16. 0	944. 46	970. 92	977. 29	995. 00
$\gamma$ 17. 0	892. 36	921. 23	927. 72	942. 70
$\gamma$ 18. 0	837. 63	868. 07	876. 22	888. 20
$\gamma$ 19. 0	779. 64	811. 17	821. 69	831. 23
$\gamma$ 20. 0	718. 30	749. 50	763. 89	771. 72
$\gamma$ 21. 0	653. 82	684. 86	702. 58	710. 49
$\gamma$ 22. 0	586. 90	617. 80	637. 94	647. 05
$\gamma$ 23. 0	519. 63	550. 07	570. 57	582. 01
$\gamma$ 24. 0	452. 96	481. 58	502. 61	515. 80
$\gamma$ 25. 0	388. 78	414. 77	435. 55	449. 31
$\gamma$ 26. 0	329. 08	350. 80	370. 75	385. 18
$\gamma$ 27. 0	274. 92	292. 66	310. 41	324. 75
$\gamma$ 28. 0	227. 19	240. 97	256. 80	270. 45
$\gamma$ 29. 0	186. 66	197. 02	210. 80	223. 37
$\gamma$ 30. 0	152. 74	160. 12	172. 13	183. 22
$\gamma$ 31. 0	124. 74	129. 58	140. 28	149. 79
$\gamma$ 32. 0	101. 53	104. 86	114. 13	122. 35
$\gamma$ 33. 0	82. 71	85. 16	92. 70	100. 28
$\gamma$ 34. 0	67. 41	68. 91	75. 24	82. 04
$\gamma$ 35. 0	54. 70	55. 38	60. 75	66. 47
$\gamma$ 36. 0	43. 89	43. 75	48. 46	53. 48
$\gamma$ 37. 0	34. 71	33. 89	37. 93	42. 25
$\gamma$ 38. 0	27. 03	26. 32	29. 27	32. 92
$\gamma$ 39. 0	21. 40	20. 92	23. 08	25. 61
$\gamma$ 40. 0	17. 71	17. 57	18. 93	20. 86
$\gamma$ 41. 0	15. 19	15. 19	16. 28	17. 57
$\gamma$ 42. 0	13. 06	13. 00	14. 07	15. 20
$\gamma$ 43. 0	11. 24	11. 30	12. 12	13. 16
$\gamma$ 44. 0	9. 89	9. 93	10. 48	11. 28
$\gamma$ 45. 0	8. 81	8. 54	9. 08	9. 83
$\gamma$ 46. 0	7. 89	7. 83	8. 27	8. 71
$\gamma$ 47. 0	7. 27	7. 34	7. 60	7. 85
$\gamma$ 48. 0	6. 84	7. 19	7. 03	7. 58
$\gamma$ 49. 0	6. 55	6. 84	6. 70	7. 07
$\gamma$ 50. 0	6. 25	6. 54	6. 40	6. 66
$\gamma$ 51. 0	5. 91	6. 15	5. 98	6. 44
$\gamma$ 52. 0	5. 55	5. 83	5. 76	5. 79

---

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.IES

---

## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
$\gamma$ 53. 0	5. 30	5. 34	5. 79	5. 50
$\gamma$ 54. 0	5. 05	5. 11	5. 39	5. 28
$\gamma$ 55. 0	4. 63	4. 92	5. 16	5. 20
$\gamma$ 56. 0	4. 41	4. 82	4. 97	4. 84
$\gamma$ 57. 0	4. 22	4. 70	4. 60	4. 51
$\gamma$ 58. 0	4. 21	4. 10	4. 14	4. 57
$\gamma$ 59. 0	4. 06	4. 11	3. 92	4. 42
$\gamma$ 60. 0	3. 79	4. 03	3. 86	4. 14
$\gamma$ 61. 0	3. 68	3. 73	3. 77	3. 90
$\gamma$ 62. 0	3. 38	3. 74	3. 55	3. 73
$\gamma$ 63. 0	3. 25	3. 80	3. 44	3. 73
$\gamma$ 64. 0	3. 33	3. 30	3. 20	3. 43
$\gamma$ 65. 0	3. 19	3. 15	3. 01	3. 35
$\gamma$ 66. 0	3. 00	2. 89	2. 81	3. 22
$\gamma$ 67. 0	2. 76	2. 80	2. 84	2. 99
$\gamma$ 68. 0	2. 75	2. 69	2. 71	2. 94
$\gamma$ 69. 0	2. 82	2. 91	2. 65	2. 99
$\gamma$ 70. 0	2. 85	2. 87	2. 61	2. 80
$\gamma$ 71. 0	2. 83	2. 79	2. 60	2. 86
$\gamma$ 72. 0	2. 82	2. 76	2. 54	2. 92
$\gamma$ 73. 0	2. 59	2. 81	2. 35	2. 89
$\gamma$ 74. 0	2. 63	2. 77	2. 30	2. 94
$\gamma$ 75. 0	2. 68	2. 96	2. 46	2. 98
$\gamma$ 76. 0	2. 57	3. 01	2. 60	3. 00
$\gamma$ 77. 0	2. 79	2. 99	2. 59	3. 30
$\gamma$ 78. 0	2. 68	3. 04	2. 47	3. 17
$\gamma$ 79. 0	2. 68	3. 11	2. 45	3. 23
$\gamma$ 80. 0	2. 62	2. 99	2. 50	3. 42
$\gamma$ 81. 0	2. 66	2. 92	2. 44	3. 37
$\gamma$ 82. 0	2. 81	3. 09	2. 47	3. 36
$\gamma$ 83. 0	2. 86	3. 19	2. 66	3. 24
$\gamma$ 84. 0	2. 99	3. 28	2. 77	3. 18
$\gamma$ 85. 0	3. 04	3. 52	2. 83	3. 25
$\gamma$ 86. 0	3. 04	3. 38	2. 79	3. 28
$\gamma$ 87. 0	3. 03	3. 36	2. 83	3. 44
$\gamma$ 88. 0	3. 11	3. 56	2. 85	3. 55
$\gamma$ 89. 0	3. 32	3. 50	3. 03	3. 57
$\gamma$ 90. 0	3. 32	3. 53	3. 00	3. 57
$\gamma$ 91. 0	3. 30	3. 39	2. 95	3. 54
$\gamma$ 92. 0	3. 37	3. 51	2. 97	3. 63
$\gamma$ 93. 0	3. 32	3. 42	3. 13	3. 66
$\gamma$ 94. 0	3. 28	3. 57	3. 18	3. 74
$\gamma$ 95. 0	3. 23	3. 50	3. 46	3. 80
$\gamma$ 96. 0	3. 26	3. 63	3. 60	3. 80
$\gamma$ 97. 0	3. 46	3. 40	3. 53	3. 70
$\gamma$ 98. 0	3. 49	3. 42	3. 42	3. 83
$\gamma$ 99. 0	3. 46	3. 56	3. 38	3. 88

---

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.IES

---

## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
$\gamma$ 100. 0	3. 45	3. 57	3. 42	3. 78
$\gamma$ 101. 0	3. 35	3. 59	3. 52	4. 02
$\gamma$ 102. 0	3. 43	3. 66	3. 56	3. 85
$\gamma$ 103. 0	3. 41	3. 64	3. 60	3. 68
$\gamma$ 104. 0	3. 31	3. 74	3. 85	3. 87
$\gamma$ 105. 0	3. 42	3. 71	3. 72	3. 92
$\gamma$ 106. 0	3. 51	3. 80	3. 74	3. 85
$\gamma$ 107. 0	3. 51	3. 47	3. 69	3. 72
$\gamma$ 108. 0	3. 47	3. 57	3. 78	3. 79
$\gamma$ 109. 0	3. 57	3. 48	3. 85	3. 70
$\gamma$ 110. 0	3. 60	3. 49	3. 68	3. 99
$\gamma$ 111. 0	3. 59	3. 51	3. 76	4. 22
$\gamma$ 112. 0	3. 85	3. 53	3. 78	4. 04
$\gamma$ 113. 0	3. 77	3. 50	3. 74	3. 92
$\gamma$ 114. 0	3. 61	3. 62	3. 79	3. 79
$\gamma$ 115. 0	3. 74	3. 78	3. 65	3. 86
$\gamma$ 116. 0	3. 70	3. 54	3. 64	3. 95
$\gamma$ 117. 0	3. 61	3. 67	3. 45	3. 96
$\gamma$ 118. 0	3. 77	3. 63	3. 62	4. 07
$\gamma$ 119. 0	3. 87	3. 75	3. 64	4. 10
$\gamma$ 120. 0	3. 86	3. 35	3. 61	4. 12
$\gamma$ 121. 0	3. 79	3. 64	3. 41	3. 96
$\gamma$ 122. 0	3. 73	3. 47	3. 41	3. 75
$\gamma$ 123. 0	3. 71	3. 50	3. 66	3. 65
$\gamma$ 124. 0	3. 76	3. 38	3. 60	3. 81
$\gamma$ 125. 0	3. 89	3. 34	3. 62	3. 68
$\gamma$ 126. 0	3. 70	3. 34	3. 50	3. 77
$\gamma$ 127. 0	3. 60	3. 42	3. 45	3. 90
$\gamma$ 128. 0	3. 70	3. 48	3. 50	3. 81
$\gamma$ 129. 0	3. 74	3. 69	3. 42	3. 94
$\gamma$ 130. 0	3. 88	3. 79	3. 67	3. 91
$\gamma$ 131. 0	3. 98	3. 80	3. 78	4. 02
$\gamma$ 132. 0	3. 81	3. 53	3. 80	3. 84
$\gamma$ 133. 0	3. 81	3. 63	3. 94	3. 73
$\gamma$ 134. 0	3. 96	3. 68	3. 88	3. 86
$\gamma$ 135. 0	3. 88	3. 71	3. 66	4. 03
$\gamma$ 136. 0	3. 86	3. 68	3. 74	3. 94
$\gamma$ 137. 0	3. 93	3. 77	3. 71	3. 90
$\gamma$ 138. 0	4. 16	3. 79	3. 69	4. 01
$\gamma$ 139. 0	4. 27	3. 81	3. 65	4. 16
$\gamma$ 140. 0	4. 07	3. 71	3. 71	3. 96
$\gamma$ 141. 0	4. 12	3. 86	3. 87	4. 07
$\gamma$ 142. 0	4. 35	3. 87	3. 73	4. 21
$\gamma$ 143. 0	4. 47	3. 79	3. 95	4. 31
$\gamma$ 144. 0	4. 47	3. 82	3. 98	4. 27
$\gamma$ 145. 0	4. 57	4. 00	3. 89	4. 19
$\gamma$ 146. 0	4. 71	4. 14	4. 06	4. 44

---

# IES Indoor Report

Photometric Filename:AW12540 10W 1202C9 3090 ZHT35-36D 250.IES

---

## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 147. 0	4. 75	4. 25	4. 14	4. 33
γ 148. 0	4. 64	4. 31	4. 15	4. 61
γ 149. 0	4. 57	4. 61	4. 28	4. 52
γ 150. 0	4. 68	4. 42	4. 25	4. 67
γ 151. 0	4. 90	4. 35	4. 29	4. 76
γ 152. 0	4. 92	4. 31	4. 34	4. 63
γ 153. 0	5. 01	4. 39	4. 31	4. 85
γ 154. 0	5. 03	4. 57	4. 65	4. 98
γ 155. 0	4. 96	4. 61	5. 14	4. 98
γ 156. 0	5. 10	4. 58	5. 33	4. 94
γ 157. 0	5. 32	4. 62	5. 33	5. 23
γ 158. 0	5. 38	4. 86	5. 16	5. 17
γ 159. 0	5. 32	4. 69	5. 05	5. 21
γ 160. 0	5. 49	5. 09	5. 14	5. 11
γ 161. 0	5. 53	5. 17	5. 35	5. 15
γ 162. 0	5. 37	4. 95	5. 51	5. 19
γ 163. 0	5. 39	4. 91	5. 38	5. 23
γ 164. 0	5. 37	4. 80	5. 40	5. 38
γ 165. 0	5. 52	5. 04	5. 66	5. 45
γ 166. 0	5. 51	5. 02	5. 62	5. 52
γ 167. 0	5. 43	4. 84	5. 64	5. 48
γ 168. 0	5. 58	5. 19	5. 55	5. 53
γ 169. 0	5. 64	5. 24	5. 49	5. 55
γ 170. 0	5. 54	5. 44	5. 53	5. 60
γ 171. 0	5. 67	5. 63	5. 44	5. 62
γ 172. 0	5. 77	5. 49	5. 74	5. 65
γ 173. 0	5. 83	5. 43	5. 85	5. 49
γ 174. 0	5. 94	5. 72	5. 94	5. 55
γ 175. 0	6. 03	5. 79	5. 86	5. 60
γ 176. 0	5. 91	5. 67	5. 94	5. 86
γ 177. 0	5. 97	5. 45	5. 94	5. 91
γ 178. 0	5. 99	5. 55	5. 86	6. 01
γ 179. 0	5. 92	5. 59	6. 01	5. 97
γ 180. 0	5. 95	5. 95	5. 95	5. 95

---