

# IES Indoor Report

Photometric Filename:AD10681 10W 1002C4 3090 HK35-24D 250.IES

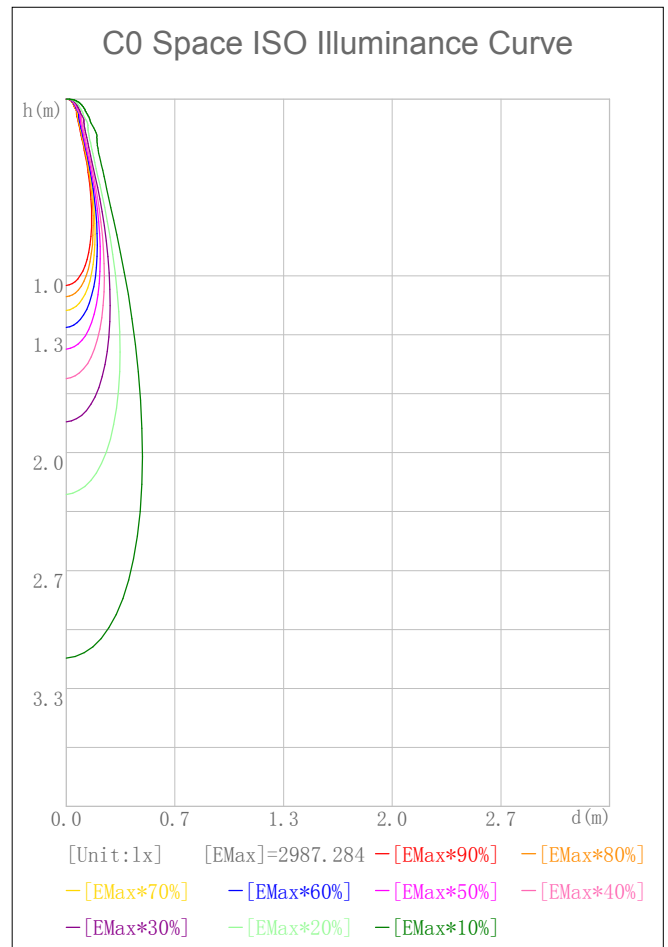
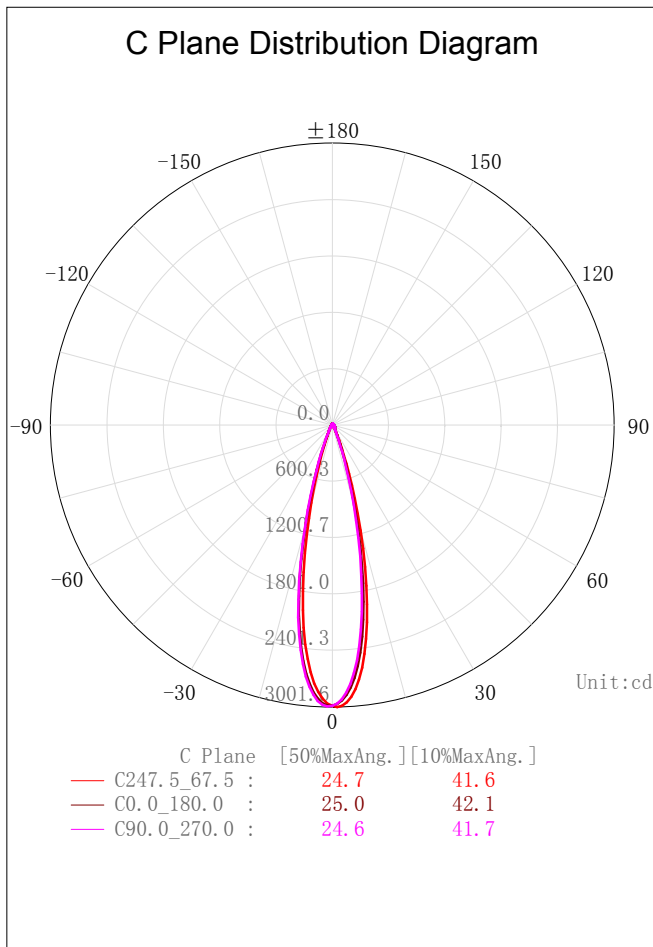
## Indoor Luminaire Photometric Data

### Description Information

Luminaire Name: AD10681	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1002	Lamp Catalog: COB	Test Date: 2023/05/20
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):0.082m*0.082m*0.000m	Lum. Area(m <sup>2</sup> ):0.005	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): 688.000	Luminaire Flux(lm): 688.763	Field Angle(10%Imax): 41.6(°)	
Rated Power(W): 10	Luminaire Efficiency: 100.11%	Down Lumens&Percent: 651.719lm 94.62%	
Rated Voltage(V): 220	Luminaire EER(lm/W): 74.388	Up Lumens&Percent: 37.044lm 5.38%	
Tested Power(W): 9.259	Max. Candela(cd): 3001.626	S/MH: C0_a180=0.424 C90_270=0.419	
Lamps' Inside: 1	Max Cand@Ang. (°): C=247.5 $\gamma$ =1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):220.3, 0.077, 0.544	Beam Angle(50%Imax): 24.7(°)	ErP $\Phi$ use(90°): 618.854lm	
Lamp Size(W*L*H):0.082m*0.082m*0.000m	Left=-11.5°, Right=13.2°	IRF(%): 1057.640	



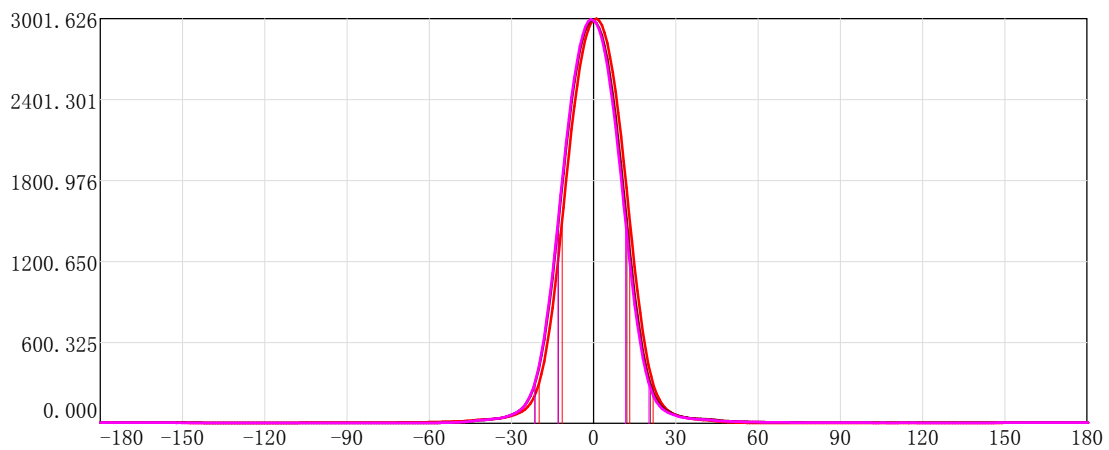
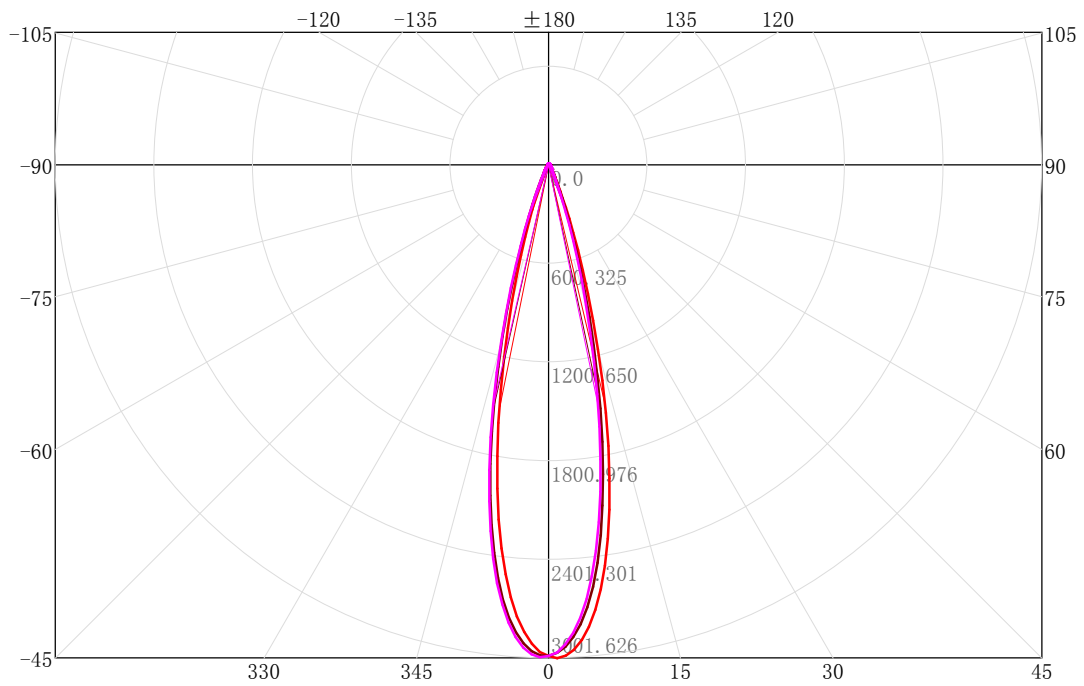
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## 2D Plane Light Intensity Distribution Curve

Lum. Name: AD10681	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1002	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/05/20

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C247.5_67.5 :	24.7	41.6	
—	C0.0_180.0 :	25.0	42.1	
—	C90.0_270.0 :	24.6	41.7	

# IES Indoor Report

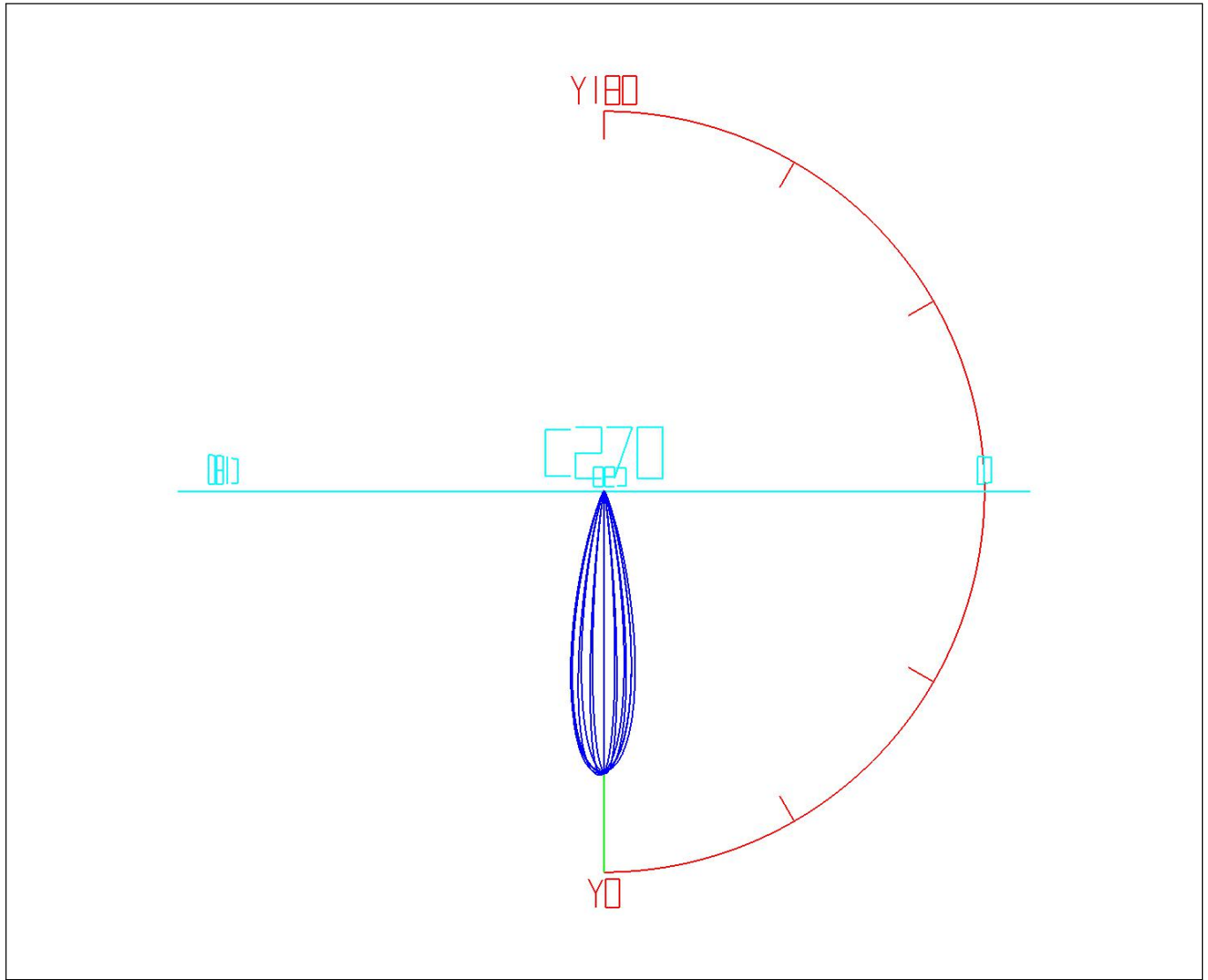
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## 3D Light Intensity Distribution Modal

Lum. Name: AD10681	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1002	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/05/20

## 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	2.85	2.85	0.41	0.41	47.0-48.0	1.23	620.24	0.18	90.15
1.0-2.0	8.50	11.36	1.24	1.65	48.0-49.0	1.16	621.40	0.17	90.32
2.0-3.0	13.97	25.33	2.03	3.68	49.0-50.0	1.11	622.51	0.16	90.48
3.0-4.0	19.13	44.46	2.78	6.46	50.0-51.0	1.07	623.58	0.16	90.64
4.0-5.0	23.87	68.33	3.47	9.93	51.0-52.0	1.03	624.60	0.15	90.79
5.0-6.0	28.05	96.38	4.08	14.01	52.0-53.0	0.98	625.58	0.14	90.93
6.0-7.0	31.56	127.94	4.59	18.60	53.0-54.0	0.94	626.52	0.14	91.06
7.0-8.0	34.29	162.23	4.98	23.58	54.0-55.0	0.90	627.42	0.13	91.19
8.0-9.0	36.18	198.41	5.26	28.84	55.0-56.0	0.86	628.27	0.12	91.32
9.0-10.0	37.18	235.60	5.40	34.24	56.0-57.0	0.82	629.10	0.12	91.44
10.0-11.0	37.29	272.89	5.42	39.66	57.0-58.0	0.79	629.89	0.12	91.55
11.0-12.0	36.54	309.43	5.31	44.98	58.0-59.0	0.76	630.65	0.11	91.66
12.0-13.0	35.02	344.45	5.09	50.07	59.0-60.0	0.75	631.40	0.11	91.77
13.0-14.0	32.85	377.30	4.77	54.84	60.0-61.0	0.73	632.13	0.11	91.88
14.0-15.0	30.19	407.49	4.39	59.23	61.0-62.0	0.72	632.85	0.10	91.98
15.0-16.0	27.23	434.72	3.96	63.19	62.0-63.0	0.72	633.57	0.10	92.09
16.0-17.0	24.11	458.83	3.50	66.69	63.0-64.0	0.71	634.28	0.10	92.19
17.0-18.0	20.98	479.82	3.05	69.74	64.0-65.0	0.70	634.98	0.10	92.29
18.0-19.0	17.98	497.80	2.61	72.35	65.0-66.0	0.70	635.68	0.10	92.40
19.0-20.0	15.22	513.02	2.21	74.57	66.0-67.0	0.69	636.37	0.10	92.50
20.0-21.0	12.78	525.80	1.86	76.42	67.0-68.0	0.69	637.06	0.10	92.60
21.0-22.0	10.68	536.48	1.55	77.98	68.0-69.0	0.68	637.75	0.10	92.70
22.0-23.0	8.93	545.41	1.30	79.27	69.0-70.0	0.67	638.42	0.10	92.79
23.0-24.0	7.51	552.92	1.09	80.37	70.0-71.0	0.67	639.09	0.10	92.89
24.0-25.0	6.39	559.31	0.93	81.30	71.0-72.0	0.67	639.76	0.10	92.99
25.0-26.0	5.53	564.84	0.80	82.10	72.0-73.0	0.67	640.43	0.10	93.09
26.0-27.0	4.87	569.71	0.71	82.81	73.0-74.0	0.67	641.10	0.10	93.18
27.0-28.0	4.37	574.08	0.64	83.44	74.0-75.0	0.67	641.76	0.10	93.28
28.0-29.0	3.95	578.04	0.57	84.02	75.0-76.0	0.66	642.43	0.10	93.38
29.0-30.0	3.60	581.63	0.52	84.54	76.0-77.0	0.67	643.10	0.10	93.47
30.0-31.0	3.29	584.92	0.48	85.02	77.0-78.0	0.67	643.76	0.10	93.57
31.0-32.0	3.02	587.94	0.44	85.46	78.0-79.0	0.67	644.43	0.10	93.67
32.0-33.0	2.80	590.75	0.41	85.86	79.0-80.0	0.66	645.09	0.10	93.76
33.0-34.0	2.63	593.37	0.38	86.25	80.0-81.0	0.67	645.76	0.10	93.86
34.0-35.0	2.49	595.87	0.36	86.61	81.0-82.0	0.67	646.43	0.10	93.96
35.0-36.0	2.38	598.25	0.35	86.95	82.0-83.0	0.67	647.09	0.10	94.05
36.0-37.0	2.28	600.53	0.33	87.29	83.0-84.0	0.66	647.76	0.10	94.15
37.0-38.0	2.20	602.73	0.32	87.61	84.0-85.0	0.66	648.42	0.10	94.25
38.0-39.0	2.13	604.86	0.31	87.92	85.0-86.0	0.66	649.08	0.10	94.34
39.0-40.0	2.07	606.93	0.30	88.22	86.0-87.0	0.66	649.74	0.10	94.44
40.0-41.0	2.01	608.94	0.29	88.51	87.0-88.0	0.66	650.40	0.10	94.54
41.0-42.0	1.95	610.90	0.28	88.79	88.0-89.0	0.66	651.06	0.10	94.63
42.0-43.0	1.88	612.77	0.27	89.07	89.0-90.0	0.66	651.72	0.10	94.73
43.0-44.0	1.77	614.54	0.26	89.32	90.0-91.0	0.66	652.38	0.10	94.82
44.0-45.0	1.63	616.18	0.24	89.56	91.0-92.0	0.65	653.03	0.10	94.92
45.0-46.0	1.49	617.66	0.22	89.78	92.0-93.0	0.65	653.68	0.09	95.01
46.0-47.0	1.34	619.01	0.20	89.97	93.0-94.0	0.65	654.33	0.09	95.11

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## Zonal Flux Tabulation - (Cont.)

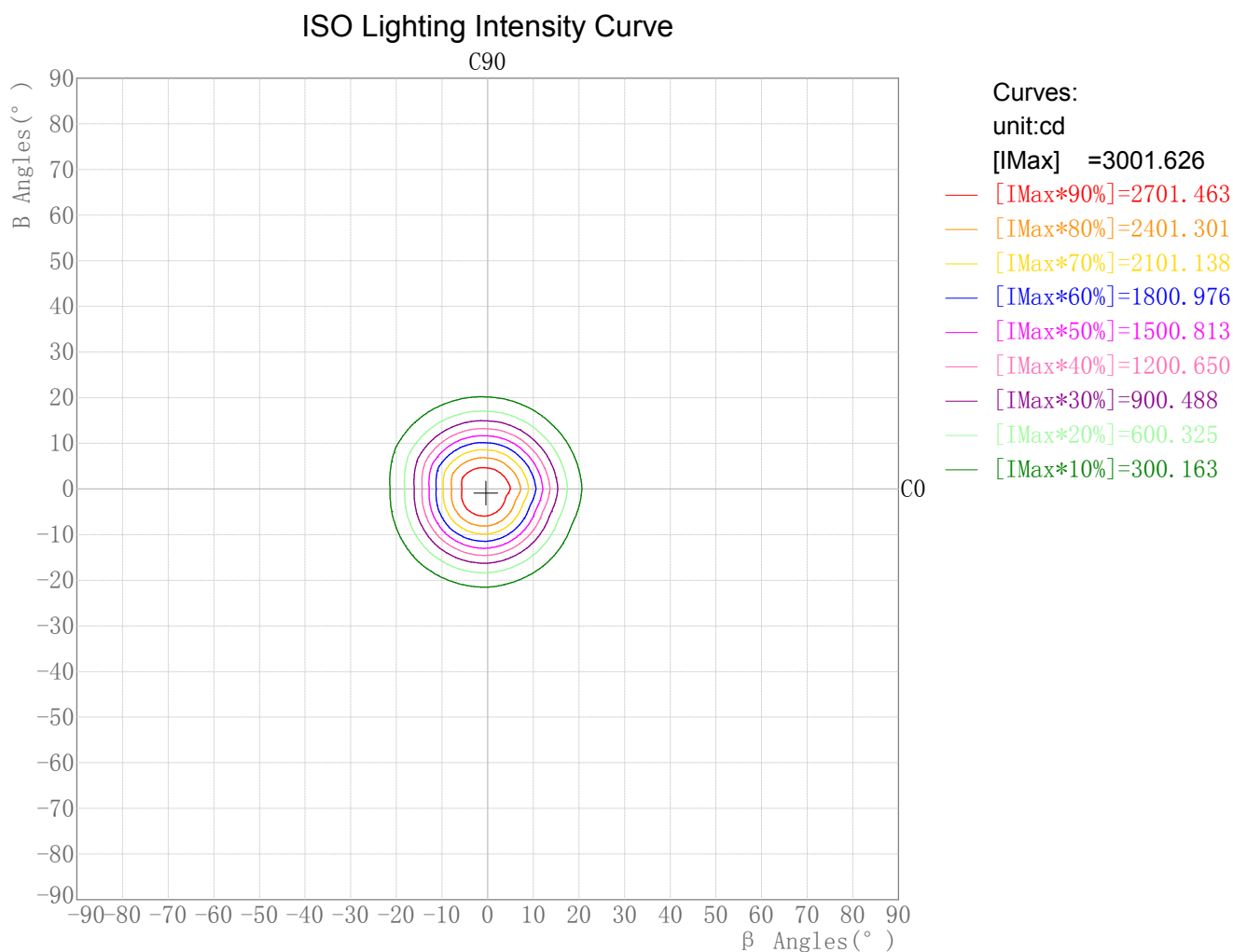
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.65	654.98	0.09	95.20	141.0-142.0	0.39	679.92	0.06	98.83
95.0-96.0	0.64	655.62	0.09	95.29	142.0-143.0	0.38	680.30	0.06	98.88
96.0-97.0	0.64	656.25	0.09	95.39	143.0-144.0	0.38	680.68	0.06	98.94
97.0-98.0	0.63	656.89	0.09	95.48	144.0-145.0	0.37	681.05	0.05	98.99
98.0-99.0	0.63	657.52	0.09	95.57	145.0-146.0	0.37	681.42	0.05	99.04
99.0-100.0	0.63	658.14	0.09	95.66	146.0-147.0	0.36	681.78	0.05	99.10
100.0-101.0	0.63	658.77	0.09	95.75	147.0-148.0	0.36	682.14	0.05	99.15
101.0-102.0	0.62	659.39	0.09	95.84	148.0-149.0	0.35	682.49	0.05	99.20
102.0-103.0	0.61	660.00	0.09	95.93	149.0-150.0	0.34	682.83	0.05	99.25
103.0-104.0	0.60	660.60	0.09	96.02	150.0-151.0	0.34	683.17	0.05	99.30
104.0-105.0	0.60	661.20	0.09	96.11	151.0-152.0	0.33	683.50	0.05	99.35
105.0-106.0	0.60	661.80	0.09	96.19	152.0-153.0	0.33	683.83	0.05	99.39
106.0-107.0	0.59	662.39	0.09	96.28	153.0-154.0	0.32	684.15	0.05	99.44
107.0-108.0	0.59	662.98	0.09	96.36	154.0-155.0	0.32	684.47	0.05	99.49
108.0-109.0	0.58	663.56	0.08	96.45	155.0-156.0	0.31	684.78	0.04	99.53
109.0-110.0	0.58	664.14	0.08	96.53	156.0-157.0	0.30	685.08	0.04	99.58
110.0-111.0	0.58	664.71	0.08	96.62	157.0-158.0	0.29	685.37	0.04	99.62
111.0-112.0	0.58	665.29	0.08	96.70	158.0-159.0	0.28	685.65	0.04	99.66
112.0-113.0	0.57	665.86	0.08	96.78	159.0-160.0	0.27	685.93	0.04	99.70
113.0-114.0	0.57	666.43	0.08	96.86	160.0-161.0	0.27	686.19	0.04	99.74
114.0-115.0	0.56	666.99	0.08	96.95	161.0-162.0	0.25	686.45	0.04	99.77
115.0-116.0	0.56	667.55	0.08	97.03	162.0-163.0	0.24	686.69	0.04	99.81
116.0-117.0	0.55	668.10	0.08	97.11	163.0-164.0	0.23	686.92	0.03	99.84
117.0-118.0	0.54	668.65	0.08	97.19	164.0-165.0	0.22	687.14	0.03	99.87
118.0-119.0	0.54	669.19	0.08	97.27	165.0-166.0	0.21	687.35	0.03	99.90
119.0-120.0	0.54	669.73	0.08	97.34	166.0-167.0	0.19	687.54	0.03	99.93
120.0-121.0	0.53	670.26	0.08	97.42	167.0-168.0	0.18	687.72	0.03	99.96
121.0-122.0	0.53	670.79	0.08	97.50	168.0-169.0	0.17	687.89	0.02	99.98
122.0-123.0	0.52	671.31	0.08	97.57	169.0-170.0	0.15	688.04	0.02	100.01
123.0-124.0	0.52	671.83	0.08	97.65	170.0-171.0	0.14	688.18	0.02	100.03
124.0-125.0	0.51	672.34	0.07	97.72	171.0-172.0	0.12	688.30	0.02	100.04
125.0-126.0	0.50	672.84	0.07	97.80	172.0-173.0	0.11	688.41	0.02	100.06
126.0-127.0	0.49	673.33	0.07	97.87	173.0-174.0	0.09	688.50	0.01	100.07
127.0-128.0	0.49	673.82	0.07	97.94	174.0-175.0	0.08	688.58	0.01	100.08
128.0-129.0	0.49	674.31	0.07	98.01	175.0-176.0	0.07	688.65	0.01	100.09
129.0-130.0	0.48	674.79	0.07	98.08	176.0-177.0	0.05	688.70	0.01	100.10
130.0-131.0	0.47	675.25	0.07	98.15	177.0-178.0	0.04	688.73	0.01	100.11
131.0-132.0	0.46	675.71	0.07	98.21	178.0-179.0	0.02	688.76	0.00	100.11
132.0-133.0	0.45	676.17	0.07	98.28	179.0-180.0	0.01	688.76	0.00	100.11
133.0-134.0	0.45	676.61	0.06	98.34					
134.0-135.0	0.44	677.05	0.06	98.41					
135.0-136.0	0.43	677.49	0.06	98.47					
136.0-137.0	0.42	677.91	0.06	98.53					
137.0-138.0	0.41	678.32	0.06	98.59					
138.0-139.0	0.41	678.73	0.06	98.65					
139.0-140.0	0.40	679.14	0.06	98.71					
140.0-141.0	0.40	679.53	0.06	98.77					

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## Rectangle ISO Lighting Intensity Diagram

Lum. Name: AD10681	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1002	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/05/20



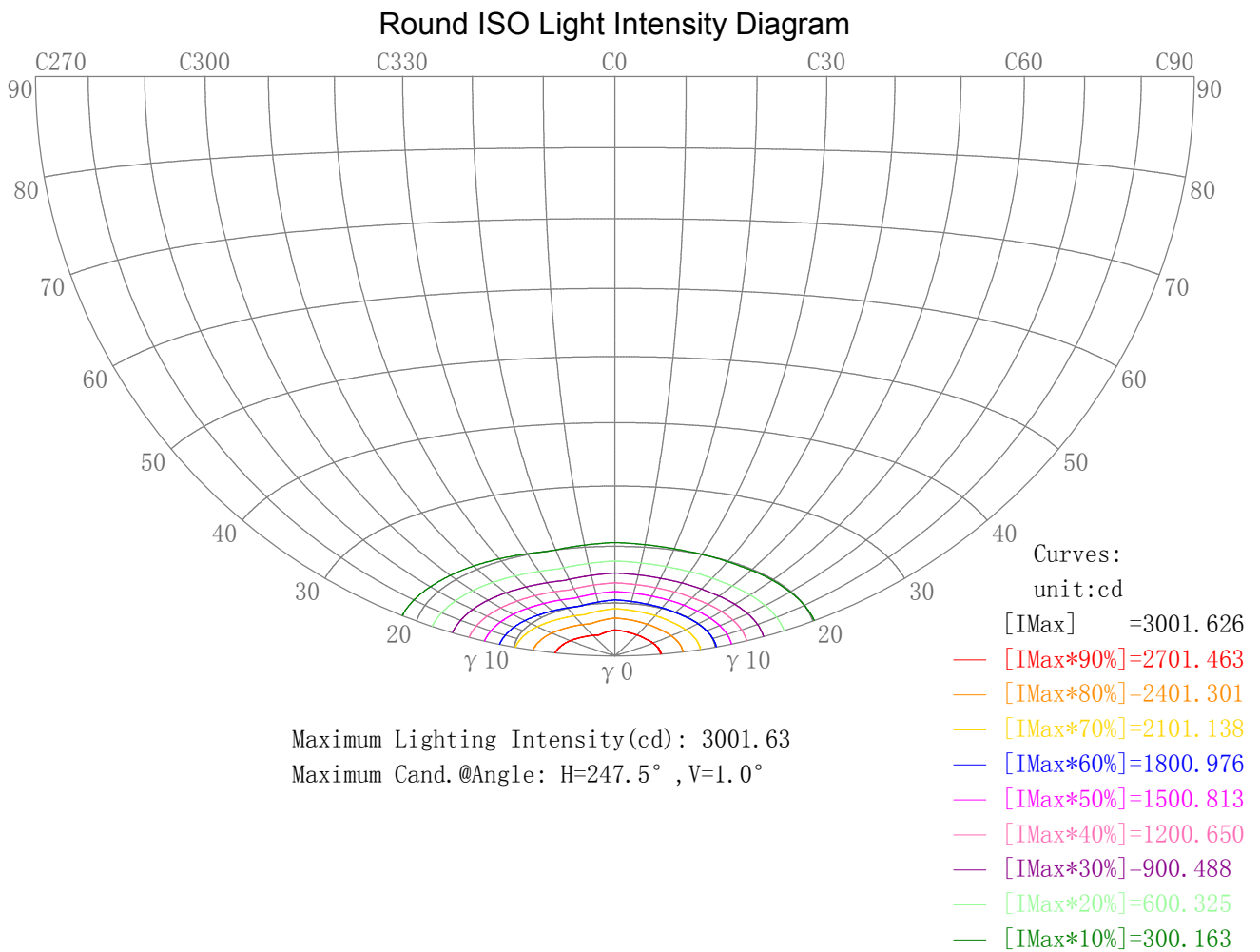
Maximum Light Intensity(cd): 3001.63  
Maximum Cand.@Angle: H=-0.4°,V=-0.9°

# IES Indoor Report

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## Round ISO Lighting Intensity Diagram

Lum. Name: AD10681	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1002	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/05/20



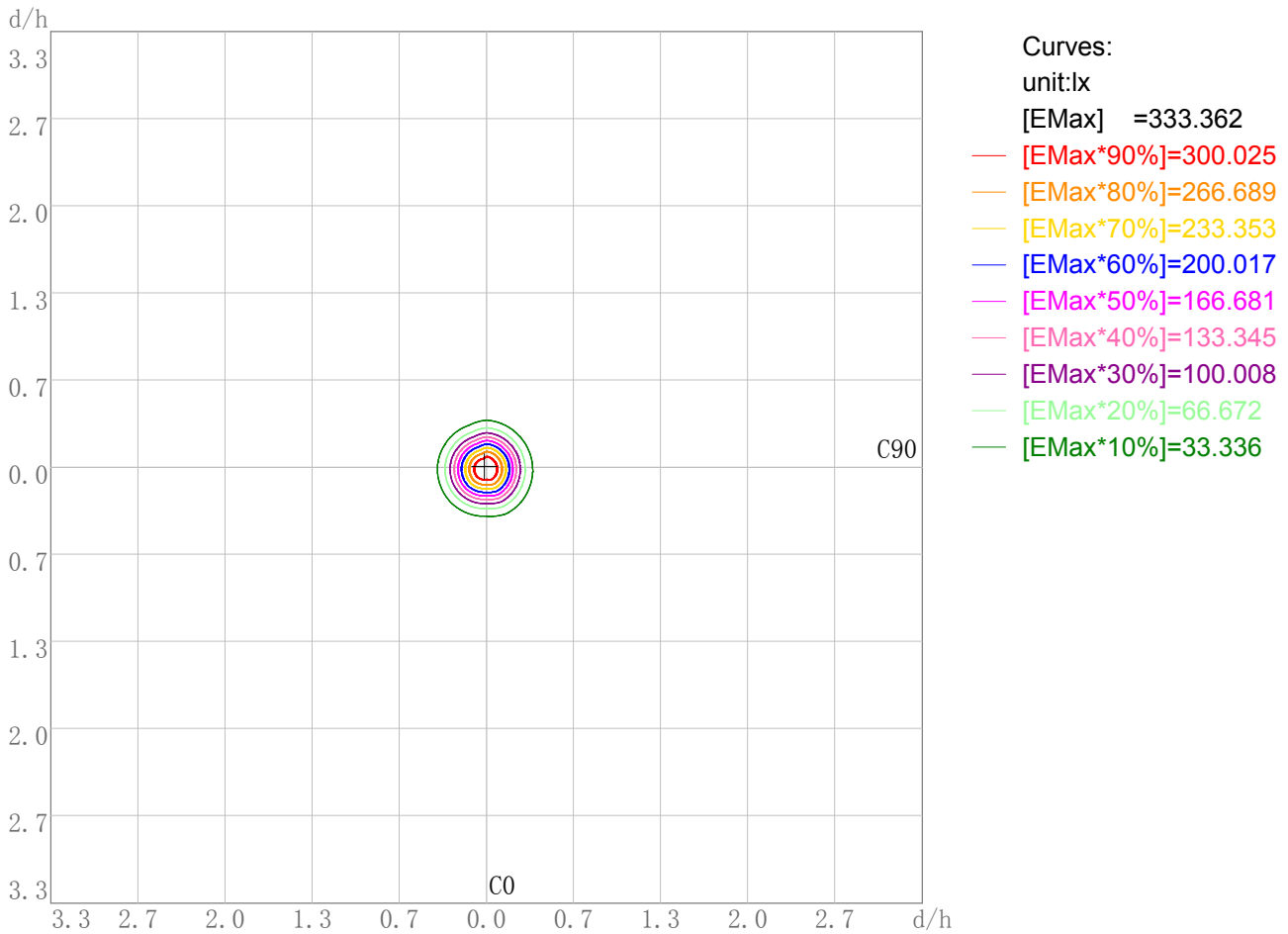
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## Plane ISO-Illuminance Diagram

Lum. Name: AD10681	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1002	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/05/20

### Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 333.36

Working Plane Maximum Illuminance Position(d/h):H-0.0 V-0.0



**IES Indoor Report**

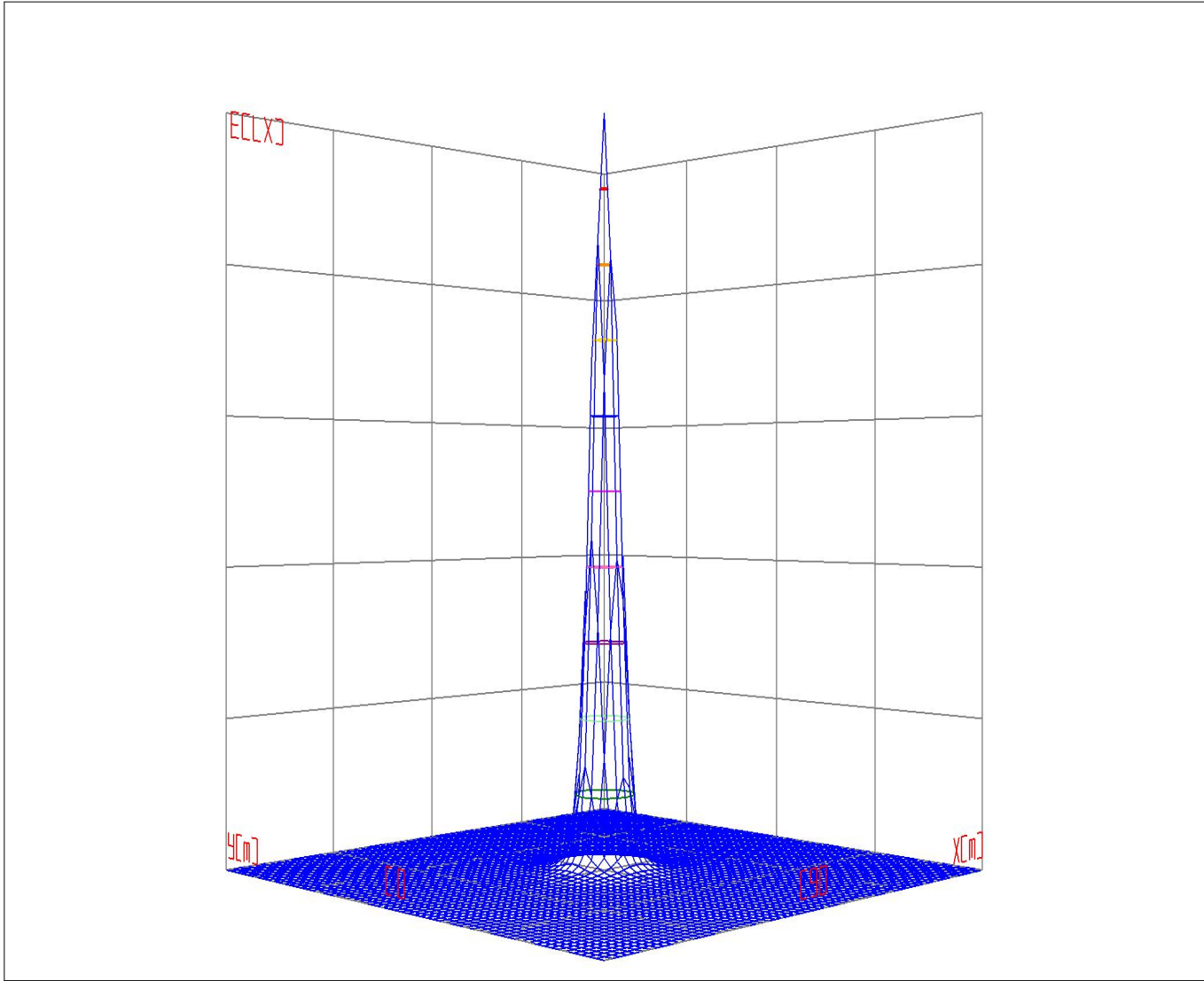
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**3D Plane ISO Illuminance Diagram**

Lum. Name: AD10681	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1002	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine:GON-2000	Test Date: 2023/05/20

**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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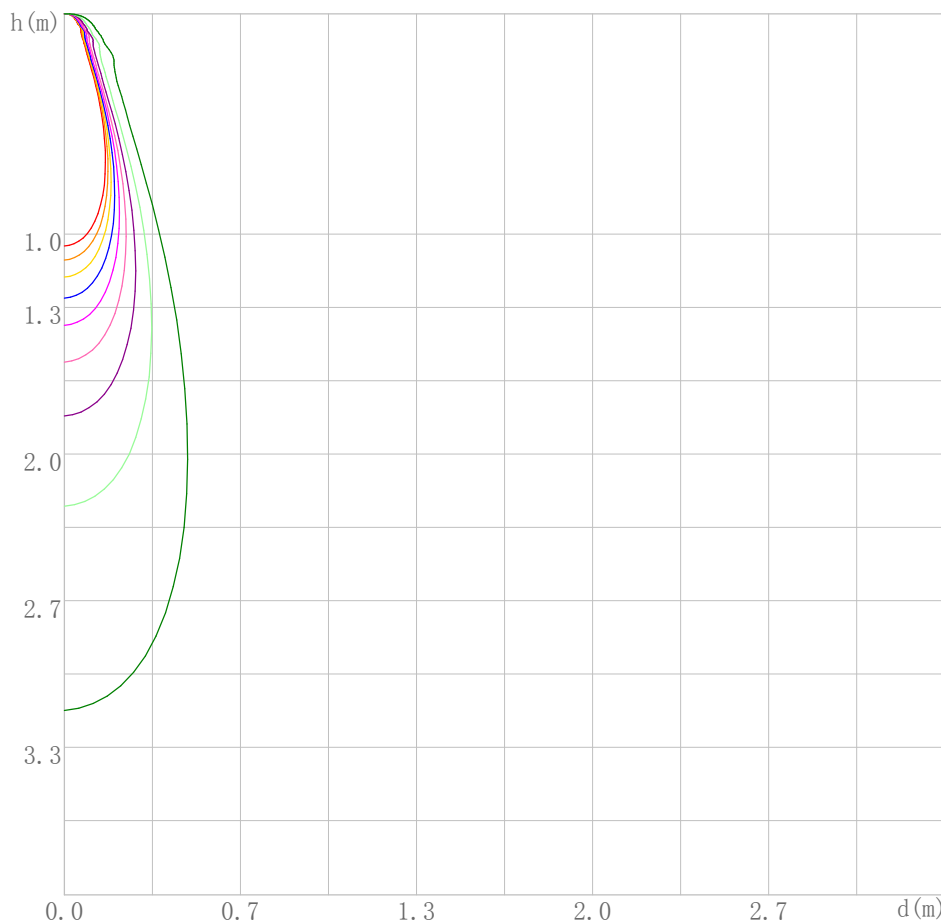
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## Space ISO Illuminance Diagram

Lum. Name: AD10681	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1002	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/05/20

### Space ISO Illuminance Curve



Curves:

[Unit: lx]

[E<sub>Max</sub>] =2987.284

- [E<sub>Max</sub>\*90%]=2688.556
- [E<sub>Max</sub>\*80%]=2389.827
- [E<sub>Max</sub>\*70%]=2091.099
- [E<sub>Max</sub>\*60%]=1792.370
- [E<sub>Max</sub>\*50%]=1493.642
- [E<sub>Max</sub>\*40%]=1194.914
- [E<sub>Max</sub>\*30%]=896.185
- [E<sub>Max</sub>\*20%]=597.457
- [E<sub>Max</sub>\*10%]=298.728

Space Plane Maximum Illuminance and @Angle:2987.28lx,0.0deg  
Plane Maximum Lighting Intensity and @Angle:2987.284cd,0deg

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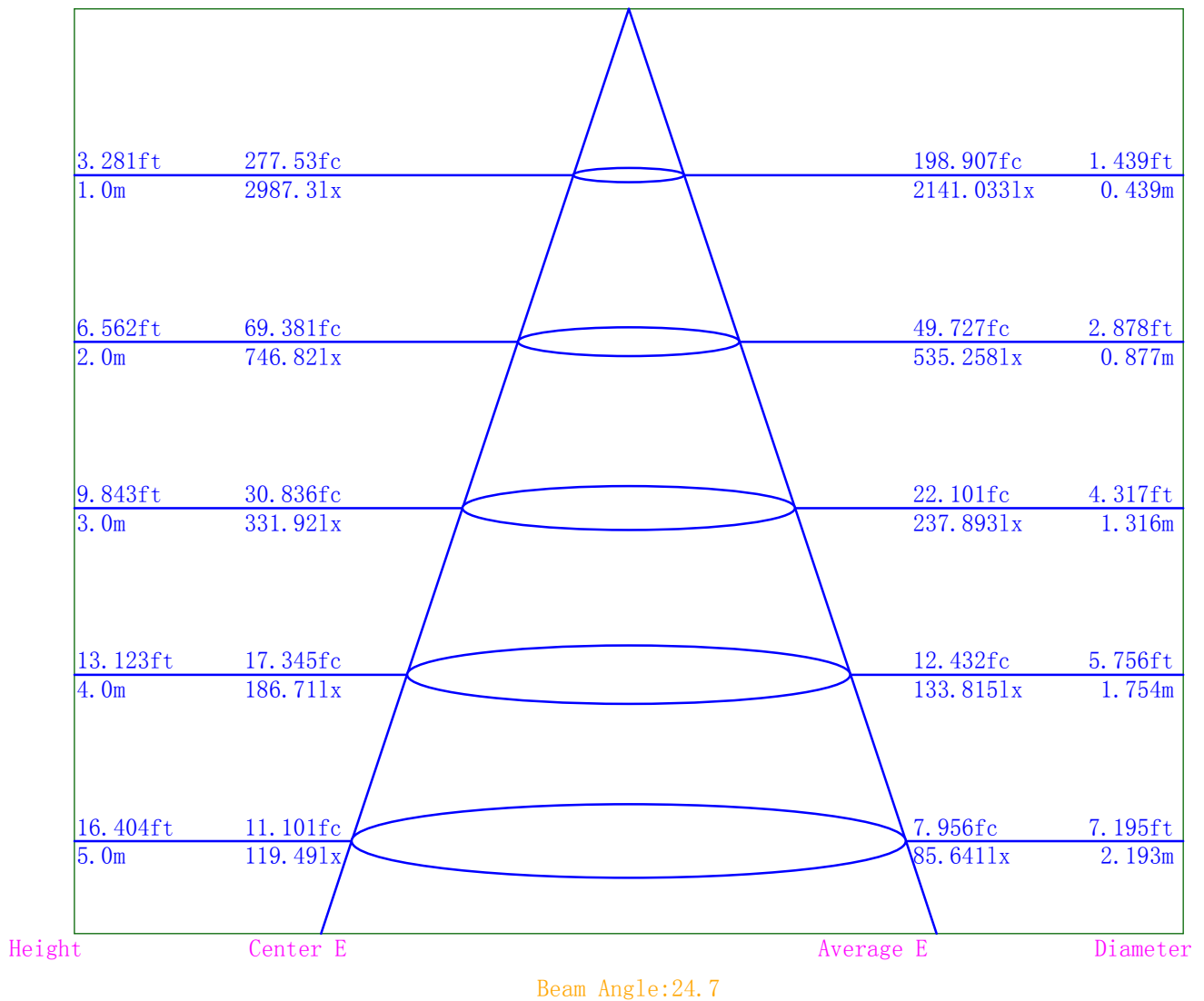
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## Illuminance-Distance Diagram

Lum. Name: AD10681	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1002	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/05/20

Illuminance-Distance Curve



# IES Indoor Report

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## Indoor Luminance Limiting Curves

Lum. Name: AD10681	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1002	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine:GON-2000	Test Date: 2023/05/20

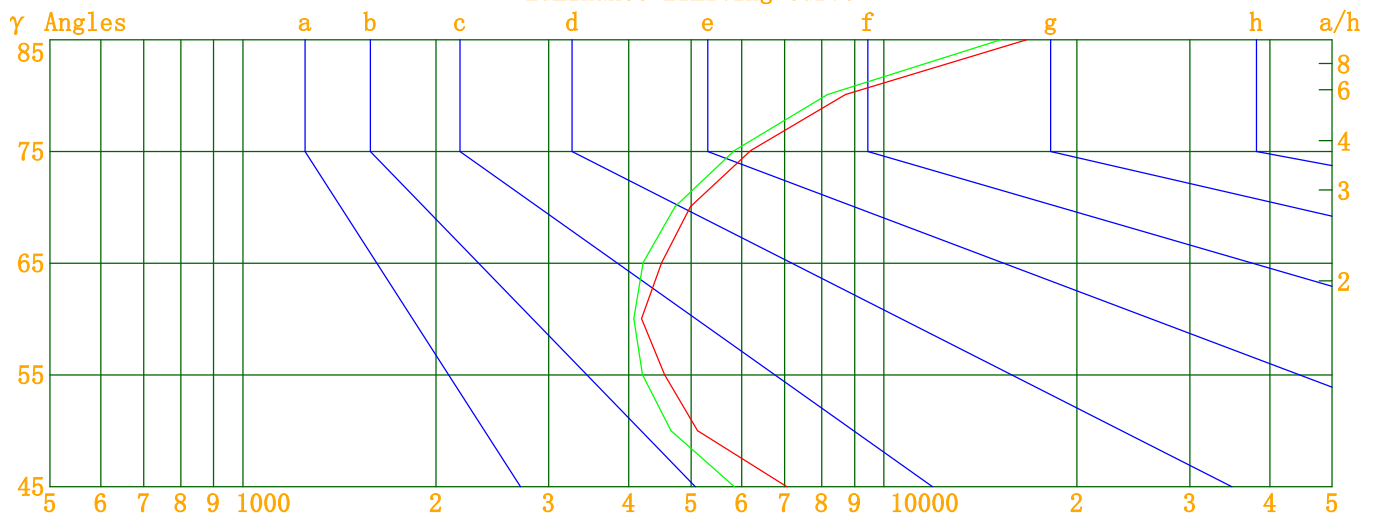
Glare Grade Table

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	7057	5118	4548	4186	4500	4992	6195	8704	16690
C90	5840	4652	4202	4074	4212	4723	5844	8164	15213

Luminance Limiting Curve



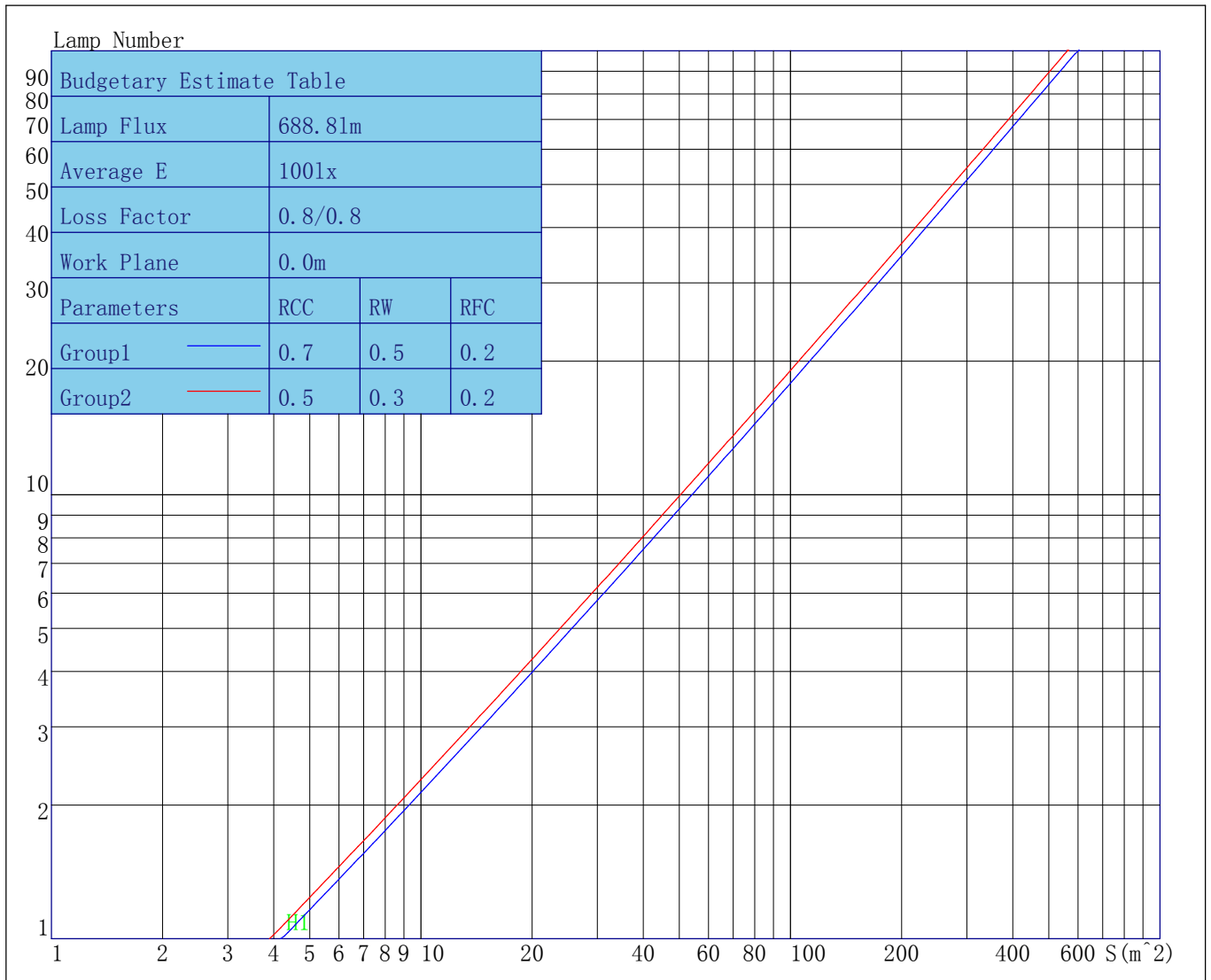
Luminous Size: Length(m)=-0.082 Width(m)=-0.082 Height(m)=0.000 Area(m^2)=0.005281  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename: AD10681 10W 1002C4 3090 HK35-24D 250.IES

## Indoor Budgetary Estimate Table

Lum. Name: AD10681	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1002	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/05/20



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:AD10681 10W 1002C4 3090 HK35-24D 250.IES

## Indoor Coefficient of Utilization Table

Lum. Name: AD10681	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1002	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine:GON-2000	Test Date: 2023/05/20

Coefficients of Utilization - Zonal Cavity Method																		
Coef.	Effective Floor Cavity Reflectance RFC=0.20																	
RhoCC (%)	80				70				50			30			10			0
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Coefficient of Utilization(%)																	
0	118	118	118	118	115	115	115	115	108	108	108	102	102	102	97	97	97	95
1	113	110	108	106	110	108	106	104	103	101	100	98	97	96	94	93	92	90
2	108	104	101	98	106	102	99	96	98	96	93	94	92	91	91	89	88	86
3	104	99	95	92	102	97	94	91	94	91	89	91	89	87	88	86	85	83
4	101	95	90	87	99	93	89	86	91	87	85	88	85	83	86	83	82	80
5	97	91	86	83	96	90	85	82	87	84	81	85	82	80	83	81	79	77
6	94	88	83	80	93	87	82	79	85	81	78	83	80	77	81	78	76	75
7	92	84	80	77	90	84	79	76	82	78	76	80	77	75	79	76	74	73
8	89	82	77	74	88	81	77	74	80	76	73	78	75	73	77	74	72	71
9	86	79	75	72	85	79	74	72	77	74	71	76	73	71	75	72	70	69
10	84	77	73	70	83	76	72	70	75	72	69	74	71	69	73	71	68	67

# IES Indoor Report

Photometric Filename:AD10681 10W 1002C4 3090 HK35-24D 250.IES

## Unified Glare Rating Table

Lum. Name: AD10681	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1002	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine:GON-2000	Test Date: 2023/05/20

## 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	10.6	11.5	11.0	11.9	12.4	11.0	11.9	11.5	12.4	12.8
Y=3H	12.3	13.1	12.8	13.5	14.0	12.7	13.5	13.2	14.0	14.5
Y=4H	13.5	14.3	14.0	14.7	15.2	13.8	14.6	14.3	15.1	15.6
Y=6H	15.0	15.7	15.6	16.2	16.8	15.2	15.9	15.7	16.4	16.9
Y=8H	16.0	16.6	16.5	17.1	17.7	16.0	16.7	16.6	17.2	17.7
Y=12H	17.1	17.7	17.6	18.2	18.8	17.0	17.6	17.5	18.1	18.7
X=4H Y=2H	10.9	11.6	11.4	12.1	12.6	11.6	12.3	12.1	12.8	13.3
Y=3H	12.9	13.5	13.4	14.0	14.5	13.6	14.2	14.1	14.7	15.3
Y=4H	14.3	14.9	14.8	15.4	16.0	14.9	15.5	15.5	16.0	16.6
Y=6H	16.1	16.6	16.7	17.1	17.7	16.6	17.0	17.1	17.6	18.2
Y=8H	17.2	17.6	17.7	18.2	18.8	17.5	18.0	18.1	18.5	19.1
Y=12H	18.5	18.8	19.0	19.4	20.0	18.6	19.0	19.2	19.6	20.2
X=8H Y=4H	14.7	15.2	15.3	15.7	16.3	15.5	16.0	16.1	16.5	17.1
Y=6H	16.8	17.1	17.4	17.7	18.4	17.4	17.8	18.0	18.4	19.0
Y=8H	18.0	18.4	18.7	19.0	19.6	18.6	18.9	19.2	19.5	20.1
Y=12H	19.6	19.8	20.2	20.4	21.1	19.9	20.2	20.5	20.8	21.5
X=12H Y=4H	14.8	15.2	15.4	15.8	16.4	15.7	16.1	16.3	16.6	17.2
Y=6H	17.0	17.3	17.6	17.9	18.6	17.7	18.0	18.3	18.6	19.3
Y=8H	18.4	18.6	19.0	19.2	19.9	19.0	19.3	19.6	19.9	20.6
Variations with the objverer position at spacings										
S=1.0H	0.0/-0.1					0.1/-0.1				
S=1.5H	0.1/-0.2					0.1/-0.1				
S=2.0H	0.2/-0.4					0.1/-0.2				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	5.3					5.3				

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

# IES Indoor Report

Photometric Filename:AD10681 10W 1002C4 3090 HK35-24D 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
γ 0.0	2987.28	2987.28	2987.28	2987.28	2987.28	2987.28	2987.28	2987.28	2987.28	2987.28	2987.28	2987.28
γ 1.0	2969.33	2962.92	2961.83	2965.35	2966.07	2975.19	2977.70	2981.44	2984.21	2992.40	3001.34	3001.63
γ 2.0	2933.01	2917.81	2912.04	2916.15	2920.10	2938.49	2953.21	2968.75	2960.91	2977.46	2990.47	2988.57
γ 3.0	2877.68	2853.49	2841.25	2846.38	2852.57	2881.12	2908.31	2936.05	2916.72	2941.74	2959.24	2954.14
γ 4.0	2801.01	2769.14	2749.84	2754.88	2763.22	2801.01	2842.11	2882.43	2851.24	2885.71	2907.83	2898.08
γ 5.0	2702.24	2662.44	2636.66	2640.67	2650.93	2699.01	2753.60	2807.16	2765.03	2808.97	2834.91	2820.93
γ 6.0	2581.02	2533.79	2501.18	2505.45	2517.17	2574.93	2643.63	2710.89	2657.86	2711.41	2741.32	2722.66
γ 7.0	2439.25	2384.81	2346.31	2351.44	2364.53	2431.08	2512.94	2593.63	2530.87	2591.94	2625.58	2602.83
γ 8.0	2275.99	2217.09	2173.02	2179.55	2194.93	2268.96	2362.52	2455.79	2382.72	2450.57	2488.36	2461.79
γ 9.0	2097.50	2033.86	1986.53	1994.28	2012.59	2093.35	2196.51	2300.12	2219.38	2292.02	2332.59	2303.91
γ 10.0	1911.51	1839.57	1788.82	1799.12	1820.34	1904.79	2016.78	2128.16	2042.70	2117.89	2160.88	2130.32
γ 11.0	1717.07	1640.10	1586.68	1598.78	1622.90	1710.88	1826.66	1944.65	1853.86	1931.53	1974.86	1943.29
γ 12.0	1515.73	1439.62	1387.23	1398.54	1424.88	1514.59	1631.55	1753.14	1658.96	1736.40	1780.13	1748.86
γ 13.0	1320.15	1244.11	1194.23	1204.96	1231.96	1319.79	1436.89	1558.07	1461.62	1537.22	1581.12	1549.87
γ 14.0	1134.01	1060.07	1012.15	1023.33	1049.63	1133.90	1248.47	1364.92	1266.27	1340.11	1382.35	1351.96
γ 15.0	959.68	891.44	846.31	857.30	882.69	961.08	1070.34	1179.63	1080.43	1151.18	1188.37	1161.83
γ 16.0	801.36	739.28	697.97	707.39	732.44	803.22	904.55	1005.31	909.83	973.97	1007.46	983.79
γ 17.0	659.45	603.59	567.33	574.66	599.07	661.40	753.17	844.35	756.13	812.74	841.93	821.07
γ 18.0	535.78	486.51	455.10	460.97	483.78	538.27	618.74	699.69	620.56	669.47	695.08	675.46
γ 19.0	430.94	388.98	362.23	366.72	387.43	433.34	502.57	573.54	504.59	543.94	566.26	548.26
γ 20.0	345.26	309.96	287.34	291.02	308.93	346.41	404.41	465.64	404.82	436.74	456.10	439.10
γ 21.0	275.83	247.09	228.21	231.43	246.03	275.99	323.41	374.22	324.68	349.28	365.00	350.74
γ 22.0	221.26	197.88	182.40	185.45	196.56	220.40	258.23	299.52	259.00	278.21	290.53	278.61
γ 23.0	179.32	160.32	148.24	150.37	158.95	177.45	206.56	239.74	207.45	221.70	230.87	221.83
γ 24.0	147.50	132.16	122.67	124.15	130.52	144.87	166.53	192.54	167.15	177.81	184.93	177.60
γ 25.0	123.75	111.61	104.30	104.97	109.47	120.95	136.39	156.21	136.67	144.02	149.48	143.91
γ 26.0	105.99	96.64	90.92	90.82	94.27	102.53	114.14	128.88	113.88	118.56	123.36	118.34
γ 27.0	93.06	85.24	80.66	80.51	82.82	89.59	98.11	108.51	96.78	99.87	104.11	99.58
γ 28.0	82.36	75.50	71.17	71.84	73.57	78.81	85.86	94.21	83.72	85.68	89.30	85.75
γ 29.0	72.30	67.22	63.59	64.19	65.58	69.99	75.67	82.48	72.51	73.82	76.91	74.47
γ 30.0	64.80	59.90	57.19	57.91	58.65	62.41	67.33	72.35	64.04	64.49	67.03	65.12
γ 31.0	57.89	53.24	51.41	51.88	52.69	55.82	60.24	64.12	56.84	56.99	59.27	57.63
γ 32.0	51.86	48.40	46.71	47.03	47.64	50.57	54.17	57.33	50.76	50.94	52.66	51.53
γ 33.0	47.60	44.91	43.46	43.52	43.98	46.11	48.92	51.57	45.10	45.89	47.23	46.26
γ 34.0	44.36	41.97	40.52	40.54	40.87	42.58	44.79	46.78	41.18	41.65	42.89	41.76
γ 35.0	41.51	39.41	37.89	38.03	38.06	39.83	41.68	43.25	38.06	38.22	39.56	38.43
γ 36.0	39.08	37.31	35.87	35.68	35.89	37.49	39.10	40.42	35.41	35.41	36.52	35.51
γ 37.0	37.12	35.70	34.18	33.87	34.18	35.38	36.53	37.84	32.59	32.82	33.77	32.77
γ 38.0	35.87	34.48	32.83	32.48	32.81	33.16	34.05	35.39	30.46	30.53	31.16	30.37
γ 39.0	34.42	33.42	31.75	31.19	31.40	31.74	32.26	33.53	28.35	28.57	28.93	28.33
γ 40.0	33.39	32.24	30.51	30.06	30.12	30.38	30.95	31.95	26.69	26.96	27.03	26.52
γ 41.0	32.32	31.21	29.58	28.96	29.04	29.23	29.63	30.82	25.12	25.24	25.27	25.10
γ 42.0	31.80	30.13	28.27	27.87	27.87	27.47	27.97	29.03	22.79	23.09	23.33	23.30
γ 43.0	30.35	29.14	27.23	26.68	26.00	25.92	26.10	27.18	20.85	20.87	21.25	21.32
γ 44.0	28.75	27.55	25.68	24.58	23.87	23.84	24.24	24.87	18.54	18.61	19.06	19.15
γ 45.0	26.35	25.02	23.01	22.48	21.81	21.57	22.25	23.03	16.07	16.34	16.66	16.92
γ 46.0	23.77	22.41	20.66	20.38	19.83	19.75	20.31	20.99	14.07	14.35	14.40	14.78



# IES Indoor Report

Photometric Filename:AD10681 10W 1002C4 3090 HK35-24D 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	21.28	20.13	18.51	18.42	17.93	18.05	18.64	19.28	12.68	12.77	12.91	12.85
γ 48.0	18.99	18.26	17.23	17.17	16.96	16.96	17.37	18.28	11.54	11.70	11.70	11.44
γ 49.0	17.90	17.25	16.63	16.57	16.33	16.35	16.56	17.48	10.56	10.79	10.55	10.35
γ 50.0	17.37	16.84	16.41	16.03	15.79	15.67	15.78	16.61	10.00	9.77	9.75	9.52
γ 51.0	16.76	16.64	15.84	15.53	15.30	15.02	14.97	15.74	8.73	8.86	8.80	8.88
γ 52.0	16.21	16.10	15.39	14.89	14.65	14.28	14.33	14.92	8.00	7.87	7.76	7.98
γ 53.0	15.42	15.35	14.91	14.17	13.96	13.82	13.72	14.05	7.48	7.35	6.89	7.24
γ 54.0	14.98	14.79	14.15	13.77	13.41	13.23	13.32	13.40	6.53	6.69	6.20	6.58
γ 55.0	13.78	14.09	13.55	13.18	12.73	12.95	12.69	12.73	6.06	6.04	5.66	6.17
γ 56.0	13.27	13.51	12.84	12.54	12.33	12.05	12.35	12.64	5.73	5.59	5.31	5.66
γ 57.0	12.77	12.75	12.06	11.76	12.04	11.84	11.95	12.20	5.33	5.30	5.02	5.34
γ 58.0	12.06	12.13	11.30	11.36	11.35	11.05	11.55	11.85	5.26	5.07	4.76	4.97
γ 59.0	11.69	11.82	10.95	11.00	10.97	11.00	11.29	11.30	5.15	4.83	4.48	4.58
γ 60.0	11.05	11.34	10.73	10.92	10.76	10.83	10.94	11.07	4.95	4.66	4.22	4.69
γ 61.0	10.96	10.88	10.50	10.60	10.19	10.28	10.63	10.88	4.62	4.56	4.37	4.49
γ 62.0	10.84	10.63	10.28	10.51	9.96	10.14	10.61	10.45	4.50	4.40	4.37	4.33
γ 63.0	10.59	10.44	9.77	10.14	9.74	9.99	10.53	10.36	4.60	4.42	4.53	4.06
γ 64.0	10.39	10.34	9.73	9.87	9.49	9.89	10.23	9.99	4.46	4.29	4.43	4.15
γ 65.0	10.04	10.07	9.48	9.53	9.40	9.65	9.98	9.94	4.57	4.19	4.14	4.15
γ 66.0	9.97	9.89	9.34	9.19	9.26	9.60	9.68	9.80	4.20	4.38	4.12	4.31
γ 67.0	9.72	9.72	9.09	9.30	9.12	9.45	9.32	9.55	4.34	4.34	4.31	4.08
γ 68.0	9.69	9.69	8.96	9.04	8.99	8.84	9.19	9.41	4.35	4.23	4.12	4.14
γ 69.0	9.41	9.35	8.80	8.63	8.75	8.94	9.06	9.35	4.29	4.32	4.05	4.15
γ 70.0	9.02	9.09	8.49	8.36	8.53	8.58	8.82	8.82	4.26	4.49	4.18	4.17
γ 71.0	9.11	9.01	8.39	8.36	8.52	8.68	8.71	8.90	4.29	4.33	4.03	4.37
γ 72.0	9.13	8.91	8.35	8.27	8.30	8.64	8.41	8.70	4.25	4.27	3.95	4.49
γ 73.0	8.92	8.87	8.20	8.28	8.10	8.72	8.10	8.70	4.28	4.27	4.04	4.30
γ 74.0	8.80	8.59	8.19	8.13	8.12	8.19	8.22	8.31	4.56	4.50	4.09	4.45
γ 75.0	8.47	8.48	7.80	8.05	7.99	8.20	8.23	8.33	4.42	4.63	3.98	4.52
γ 76.0	8.54	8.52	7.84	7.83	7.94	8.18	8.10	8.15	4.41	4.68	4.18	4.44
γ 77.0	8.43	8.36	7.67	7.89	7.73	7.84	7.90	8.18	4.51	4.73	4.35	4.46
γ 78.0	8.26	8.38	7.76	7.79	7.55	7.91	7.82	8.17	4.51	4.53	4.37	4.72
γ 79.0	8.10	8.17	7.56	7.57	7.57	7.69	7.93	7.81	4.73	4.63	4.47	4.68
γ 80.0	7.98	8.03	7.82	7.27	7.49	7.59	7.89	7.66	4.99	4.64	4.59	4.71
γ 81.0	7.97	7.89	7.69	7.40	7.40	7.73	7.68	7.48	4.96	4.82	4.47	4.82
γ 82.0	7.88	7.82	7.62	7.38	7.24	7.53	7.56	7.36	4.90	5.08	4.37	4.79
γ 83.0	7.74	7.75	7.37	7.19	7.18	7.48	7.44	7.51	5.00	5.12	4.66	4.78
γ 84.0	7.76	7.47	7.10	7.11	7.08	7.05	7.26	7.49	4.98	4.94	4.61	4.89
γ 85.0	7.68	7.34	7.28	7.03	7.00	6.99	7.30	7.46	5.20	4.95	4.59	4.94
γ 86.0	7.42	7.25	7.17	6.93	6.82	6.96	7.30	7.38	5.30	4.97	4.80	5.02
γ 87.0	7.36	7.46	6.96	6.93	6.80	6.90	7.24	7.19	5.18	5.08	4.93	5.00
γ 88.0	7.30	7.46	6.84	6.98	6.73	6.97	7.17	7.10	5.26	5.19	4.86	4.93
γ 89.0	7.03	7.33	6.94	6.71	6.70	6.45	7.03	7.17	5.17	5.21	4.88	5.09
γ 90.0	7.25	7.21	6.91	6.57	6.91	6.62	7.15	7.14	5.19	5.32	4.82	5.07
γ 91.0	7.09	7.14	6.79	6.51	6.80	6.70	7.02	6.84	5.36	5.35	5.06	5.07
γ 92.0	7.22	7.11	6.51	6.56	6.62	6.47	6.78	6.83	5.28	5.16	4.89	5.13
γ 93.0	7.29	7.13	6.44	6.39	6.46	6.70	6.69	6.90	5.02	5.14	4.88	5.21

# IES Indoor Report

Photometric Filename:AD10681 10W 1002C4 3090 HK35-24D 250.IES

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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 94.0	7.14	7.00	6.60	6.43	6.41	6.45	6.52	7.06	5.36	5.26	5.00	5.13
γ 95.0	7.02	6.89	6.61	6.53	6.52	6.43	6.44	6.69	5.33	5.32	4.96	5.12
γ 96.0	6.85	6.80	6.60	6.48	6.53	6.30	6.45	6.62	5.16	5.45	4.94	5.15
γ 97.0	6.86	6.79	6.45	6.30	6.43	5.82	6.27	6.55	5.53	5.35	5.09	5.10
γ 98.0	6.76	6.75	6.45	6.18	6.36	6.08	6.27	6.52	5.49	5.34	4.98	5.31
γ 99.0	6.82	6.65	6.42	6.29	6.15	6.13	6.36	6.37	5.33	5.41	5.02	5.34
γ 100.0	6.62	6.55	6.51	6.39	6.07	5.92	6.35	6.54	5.70	5.37	5.30	5.33
γ 101.0	6.45	6.49	6.51	6.24	6.07	5.86	6.20	6.20	5.43	5.30	5.45	5.32
γ 102.0	6.47	6.54	6.23	6.22	5.92	5.99	6.16	6.31	5.31	5.32	5.25	5.45
γ 103.0	6.36	6.49	6.16	6.05	5.82	6.10	6.16	6.21	5.24	5.06	5.07	5.33
γ 104.0	6.56	6.45	6.12	5.94	5.88	5.98	6.22	6.29	5.30	5.11	4.95	5.44
γ 105.0	6.44	6.44	6.08	5.98	5.98	5.62	6.31	6.23	5.46	5.23	4.97	5.44
γ 106.0	6.57	6.56	6.02	6.17	5.97	5.63	6.16	6.13	5.30	5.18	4.89	5.34
γ 107.0	6.37	6.48	5.82	6.03	5.76	5.64	6.00	6.14	5.37	5.32	4.98	5.28
γ 108.0	6.56	6.26	6.14	5.79	5.66	5.63	6.12	5.99	5.43	5.41	4.98	5.35
γ 109.0	6.48	6.30	6.15	5.44	5.69	5.64	6.08	5.92	5.26	5.35	4.95	5.37
γ 110.0	6.40	6.33	6.01	5.55	5.78	5.95	5.92	5.96	5.39	5.30	5.04	5.22
γ 111.0	6.21	6.35	6.13	5.59	5.89	5.71	5.99	6.03	5.47	5.50	5.09	5.19
γ 112.0	6.21	6.24	5.96	5.60	6.01	5.98	6.09	6.05	5.48	5.51	5.05	5.24
γ 113.0	6.40	6.38	5.98	5.49	6.07	5.82	5.96	5.89	5.41	5.51	5.15	5.48
γ 114.0	6.30	6.49	5.95	5.55	5.97	5.48	5.98	5.78	5.65	5.72	5.26	5.35
γ 115.0	6.29	6.52	5.88	5.62	5.92	5.69	5.88	5.95	5.57	5.77	5.12	5.20
γ 116.0	6.40	6.50	5.64	5.55	5.95	5.50	5.92	5.77	5.52	5.65	5.09	5.22
γ 117.0	6.63	6.45	5.70	5.48	6.01	5.33	5.82	5.64	5.54	5.61	5.06	5.43
γ 118.0	6.46	6.35	5.75	5.49	5.77	5.44	5.91	5.70	5.36	5.71	5.18	5.43
γ 119.0	6.59	6.31	5.61	5.50	5.57	5.41	5.86	6.01	5.63	5.76	5.30	5.42
γ 120.0	6.51	6.28	5.58	5.39	5.55	5.44	5.80	5.96	5.29	5.65	5.40	5.36
γ 121.0	6.35	6.24	5.73	5.58	5.50	5.49	5.85	5.85	5.39	5.73	5.30	5.47
γ 122.0	6.35	6.22	5.61	5.69	5.69	5.61	5.70	5.72	5.37	5.74	5.18	5.25
γ 123.0	6.31	6.28	5.89	5.59	5.73	5.50	5.63	6.02	5.42	5.74	5.13	5.42
γ 124.0	6.37	6.09	5.68	5.53	5.53	5.37	5.72	5.97	5.61	5.91	5.16	5.35
γ 125.0	6.20	6.08	5.65	5.43	5.46	5.08	5.66	5.89	5.62	5.85	5.18	5.38
γ 126.0	6.17	6.20	5.47	5.35	5.40	5.49	5.55	5.65	5.63	5.86	5.38	5.32
γ 127.0	6.21	6.27	5.87	5.32	5.55	5.61	5.57	5.62	5.50	5.76	5.48	5.57
γ 128.0	6.17	6.22	5.71	5.58	5.80	5.29	5.59	5.74	5.71	5.72	5.47	5.52
γ 129.0	6.12	6.15	5.58	5.55	5.83	5.37	5.48	5.94	5.43	5.89	5.38	5.54
γ 130.0	5.98	6.22	5.61	5.40	5.58	5.30	5.40	5.77	5.40	6.00	5.34	5.58
γ 131.0	6.07	6.03	5.47	5.43	5.46	5.67	5.56	5.89	5.55	5.99	5.43	5.38
γ 132.0	5.99	6.00	5.49	5.48	5.59	5.51	5.74	5.78	5.39	5.97	5.32	5.34
γ 133.0	6.17	6.01	5.58	5.51	5.61	5.30	5.69	5.48	5.70	5.81	5.39	5.34
γ 134.0	5.96	5.98	5.74	5.66	5.59	5.67	5.66	5.61	5.45	5.81	5.27	5.38
γ 135.0	6.01	5.86	5.83	5.78	5.47	5.53	5.76	5.61	5.53	5.89	5.39	5.45
γ 136.0	6.06	5.87	5.58	5.74	5.36	5.47	5.83	5.77	5.67	6.00	5.42	5.36
γ 137.0	6.10	5.93	5.55	5.51	5.34	5.27	5.86	5.62	5.53	5.93	5.42	5.40
γ 138.0	6.24	5.97	5.61	5.49	5.36	5.01	5.80	5.49	5.49	5.92	5.34	5.35
γ 139.0	6.29	6.00	5.66	5.43	5.32	5.33	5.86	5.59	5.63	6.08	5.58	5.51
γ 140.0	6.09	5.97	5.43	5.50	5.52	5.32	5.78	5.70	5.73	6.07	5.03	5.72

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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	6. 24	5. 99	5. 70	5. 64	5. 64	5. 28	5. 73	5. 67	5. 68	6. 00	5. 45	5. 66
γ 142. 0	6. 10	6. 04	5. 59	5. 57	5. 58	5. 37	5. 90	5. 47	5. 57	5. 88	5. 32	5. 66
γ 143. 0	6. 10	6. 13	5. 66	5. 73	5. 70	5. 58	5. 95	5. 61	5. 97	5. 98	5. 51	5. 74
γ 144. 0	6. 15	6. 11	5. 64	5. 72	5. 76	5. 64	6. 03	5. 76	6. 09	6. 11	5. 62	5. 68
γ 145. 0	6. 33	6. 11	5. 66	5. 74	5. 70	5. 87	6. 02	5. 89	5. 98	6. 02	5. 72	5. 81
γ 146. 0	6. 41	6. 36	5. 84	5. 80	5. 85	6. 14	6. 00	5. 91	6. 13	6. 02	5. 53	5. 61
γ 147. 0	6. 42	6. 49	5. 91	5. 73	5. 97	6. 28	6. 22	5. 83	6. 09	6. 14	5. 70	5. 74
γ 148. 0	6. 64	6. 56	6. 05	5. 93	5. 99	6. 26	6. 01	5. 95	6. 13	6. 37	5. 58	5. 84
γ 149. 0	6. 69	6. 56	6. 23	6. 09	6. 09	6. 30	6. 05	6. 00	6. 22	6. 38	5. 72	5. 90
γ 150. 0	6. 72	6. 55	6. 32	6. 32	6. 21	6. 09	6. 32	6. 26	6. 23	6. 61	5. 84	6. 07
γ 151. 0	7. 05	6. 52	6. 37	6. 38	6. 28	6. 22	6. 35	6. 25	6. 35	6. 57	5. 95	6. 12
γ 152. 0	6. 96	6. 61	6. 46	6. 51	6. 49	6. 55	6. 35	6. 29	6. 63	6. 86	6. 27	6. 20
γ 153. 0	7. 10	6. 78	6. 48	6. 67	6. 61	6. 35	6. 44	6. 48	6. 52	6. 97	6. 30	6. 45
γ 154. 0	7. 05	6. 76	6. 52	6. 70	6. 73	6. 63	6. 58	6. 82	6. 53	6. 92	6. 48	6. 50
γ 155. 0	7. 32	6. 97	6. 51	6. 51	6. 94	6. 59	6. 66	6. 75	6. 61	7. 14	6. 37	6. 42
γ 156. 0	7. 44	7. 22	6. 72	6. 55	6. 86	6. 64	6. 79	6. 82	6. 81	7. 18	6. 56	6. 46
γ 157. 0	7. 22	7. 23	6. 64	6. 73	6. 91	7. 11	6. 97	6. 89	7. 20	7. 27	6. 58	6. 47
γ 158. 0	7. 31	7. 25	6. 92	6. 79	7. 11	6. 80	6. 95	6. 87	7. 12	7. 33	6. 81	6. 63
γ 159. 0	7. 67	7. 36	6. 82	7. 04	7. 16	7. 05	6. 89	7. 08	7. 25	7. 25	6. 73	6. 86
γ 160. 0	7. 76	7. 45	7. 10	7. 19	7. 28	7. 18	7. 20	7. 34	7. 26	7. 65	7. 01	6. 99
γ 161. 0	7. 82	7. 57	7. 23	7. 21	7. 40	7. 12	7. 45	7. 41	7. 68	7. 80	6. 98	7. 16
γ 162. 0	7. 69	7. 65	7. 29	7. 14	7. 35	7. 05	7. 43	7. 42	7. 30	7. 64	7. 06	7. 10
γ 163. 0	7. 85	7. 83	7. 41	7. 25	7. 49	7. 10	7. 55	7. 46	7. 40	7. 57	7. 17	7. 19
γ 164. 0	8. 04	7. 86	7. 44	7. 46	7. 55	7. 20	7. 65	7. 68	7. 48	7. 58	7. 05	7. 30
γ 165. 0	8. 13	7. 88	7. 52	7. 39	7. 55	7. 22	7. 61	7. 60	7. 51	7. 63	7. 05	7. 22
γ 166. 0	8. 13	8. 07	7. 69	7. 42	7. 48	7. 45	7. 89	7. 40	7. 68	7. 87	7. 27	7. 34
γ 167. 0	8. 05	8. 06	7. 57	7. 33	7. 52	7. 34	7. 86	7. 53	7. 71	7. 83	7. 28	7. 47
γ 168. 0	8. 07	7. 98	7. 59	7. 32	7. 54	7. 46	7. 80	7. 56	7. 74	7. 68	7. 04	7. 54
γ 169. 0	7. 95	7. 98	7. 41	7. 30	7. 64	7. 45	7. 63	7. 70	7. 68	7. 82	7. 15	7. 67
γ 170. 0	7. 89	7. 82	7. 53	7. 48	7. 84	7. 31	7. 74	7. 57	7. 61	7. 74	7. 25	7. 60
γ 171. 0	8. 14	7. 71	7. 37	7. 40	7. 82	7. 23	7. 96	7. 49	7. 50	7. 66	7. 46	7. 54
γ 172. 0	7. 96	7. 76	7. 59	7. 58	7. 61	7. 35	8. 01	7. 65	7. 62	7. 85	7. 23	7. 48
γ 173. 0	7. 99	7. 87	7. 49	7. 52	7. 53	7. 30	7. 96	7. 74	7. 75	7. 91	7. 09	7. 44
γ 174. 0	7. 72	7. 99	7. 33	7. 44	7. 55	7. 24	7. 94	7. 75	7. 56	7. 66	7. 19	7. 41
γ 175. 0	7. 93	7. 91	7. 59	7. 65	7. 52	7. 35	7. 77	7. 67	7. 74	7. 73	7. 44	7. 40
γ 176. 0	7. 91	7. 84	7. 54	7. 64	7. 48	7. 57	7. 63	7. 66	7. 62	7. 68	7. 69	7. 35
γ 177. 0	7. 82	7. 72	7. 41	7. 63	7. 48	7. 61	7. 72	7. 72	7. 54	7. 55	7. 40	7. 41
γ 178. 0	7. 87	7. 75	7. 37	7. 59	7. 38	7. 35	7. 70	7. 96	7. 65	7. 73	7. 59	7. 51
γ 179. 0	7. 80	7. 77	7. 23	7. 51	7. 45	7. 34	7. 74	7. 75	7. 64	7. 72	7. 44	7. 47
γ 180. 0	7. 59	7. 59	7. 59	7. 59	7. 59	7. 59	7. 59	7. 59	7. 59	7. 59	7. 59	7. 59
V/H	C270. 0	C292. 5	C315. 0	C337. 5								
γ 0. 0	2987. 28	2987. 28	2987. 28	2987. 28								
γ 1. 0	2996. 18	2986. 81	2965. 81	2947. 26								
γ 2. 0	2979. 24	2960. 86	2927. 71	2899. 07								
γ 3. 0	2940. 44	2910. 71	2866. 83	2828. 64								
γ 4. 0	2879. 37	2839. 15	2783. 86	2736. 50								
γ 5. 0	2795. 94	2745. 57	2679. 60	2622. 45								

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## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
$\gamma$ 6. 0	2691. 80	2632. 51	2554. 63	2488. 99
$\gamma$ 7. 0	2565. 71	2498. 03	2410. 26	2335. 01
$\gamma$ 8. 0	2419. 56	2343. 57	2247. 00	2164. 77
$\gamma$ 9. 0	2256. 42	2172. 95	2069. 44	1981. 68
$\gamma$ 10. 0	2079. 21	1989. 49	1880. 91	1790. 28
$\gamma$ 11. 0	1890. 94	1795. 51	1685. 59	1593. 62
$\gamma$ 12. 0	1695. 56	1598. 87	1489. 19	1397. 08
$\gamma$ 13. 0	1497. 47	1403. 16	1295. 70	1205. 81
$\gamma$ 14. 0	1302. 62	1212. 60	1110. 45	1024. 85
$\gamma$ 15. 0	1115. 91	1029. 97	938. 12	857. 32
$\gamma$ 16. 0	942. 21	863. 13	781. 24	707. 92
$\gamma$ 17. 0	784. 22	712. 48	642. 00	576. 73
$\gamma$ 18. 0	644. 09	581. 12	521. 22	465. 31
$\gamma$ 19. 0	522. 02	467. 21	418. 71	371. 85
$\gamma$ 20. 0	418. 96	372. 35	334. 17	296. 52
$\gamma$ 21. 0	335. 03	296. 97	267. 21	237. 01
$\gamma$ 22. 0	266. 91	237. 02	214. 09	190. 40
$\gamma$ 23. 0	212. 67	190. 38	172. 81	154. 57
$\gamma$ 24. 0	170. 81	154. 55	141. 15	127. 91
$\gamma$ 25. 0	138. 79	127. 84	117. 24	107. 70
$\gamma$ 26. 0	115. 03	107. 61	99. 46	92. 44
$\gamma$ 27. 0	97. 44	91. 82	85. 96	81. 09
$\gamma$ 28. 0	84. 04	80. 02	75. 14	71. 26
$\gamma$ 29. 0	73. 07	69. 52	65. 89	62. 95
$\gamma$ 30. 0	63. 96	61. 17	58. 27	55. 83
$\gamma$ 31. 0	56. 46	54. 51	51. 59	49. 40
$\gamma$ 32. 0	50. 51	48. 02	45. 71	44. 09
$\gamma$ 33. 0	44. 90	42. 95	41. 29	40. 42
$\gamma$ 34. 0	40. 51	39. 61	38. 05	37. 32
$\gamma$ 35. 0	37. 59	36. 44	35. 27	34. 63
$\gamma$ 36. 0	35. 06	33. 97	32. 92	32. 46
$\gamma$ 37. 0	32. 41	31. 95	30. 98	30. 60
$\gamma$ 38. 0	30. 13	29. 96	29. 38	28. 86
$\gamma$ 39. 0	28. 10	28. 36	28. 03	27. 71
$\gamma$ 40. 0	26. 46	26. 53	26. 44	26. 57
$\gamma$ 41. 0	25. 00	25. 42	25. 13	25. 39
$\gamma$ 42. 0	23. 59	24. 00	23. 77	24. 14
$\gamma$ 43. 0	21. 67	22. 55	22. 12	22. 83
$\gamma$ 44. 0	19. 31	19. 68	19. 73	20. 68
$\gamma$ 45. 0	17. 13	17. 79	17. 31	18. 03
$\gamma$ 46. 0	14. 89	15. 10	14. 96	15. 30
$\gamma$ 47. 0	12. 84	12. 90	12. 69	12. 92
$\gamma$ 48. 0	11. 37	11. 16	11. 21	11. 23
$\gamma$ 49. 0	10. 40	10. 52	10. 25	10. 35
$\gamma$ 50. 0	9. 61	9. 40	9. 38	9. 93
$\gamma$ 51. 0	8. 81	9. 07	8. 70	9. 25
$\gamma$ 52. 0	8. 05	8. 43	8. 15	8. 58

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## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 53. 0	7. 29	7. 61	7. 71	8. 02
γ 54. 0	6. 69	7. 11	7. 19	7. 30
γ 55. 0	6. 23	6. 30	6. 60	6. 76
γ 56. 0	5. 94	5. 90	6. 15	5. 91
γ 57. 0	5. 53	5. 73	5. 68	5. 45
γ 58. 0	5. 05	5. 15	5. 20	5. 25
γ 59. 0	4. 62	4. 91	4. 79	4. 93
γ 60. 0	4. 44	4. 77	4. 57	4. 72
γ 61. 0	4. 28	4. 45	4. 46	4. 45
γ 62. 0	4. 41	4. 08	4. 41	4. 61
γ 63. 0	4. 39	4. 18	4. 36	4. 66
γ 64. 0	4. 18	4. 30	4. 44	4. 45
γ 65. 0	4. 31	4. 29	4. 52	4. 60
γ 66. 0	4. 27	4. 16	4. 30	4. 59
γ 67. 0	4. 26	4. 46	4. 26	4. 56
γ 68. 0	4. 31	4. 19	4. 27	4. 39
γ 69. 0	4. 27	4. 22	4. 36	4. 17
γ 70. 0	4. 23	4. 42	4. 33	4. 30
γ 71. 0	4. 22	4. 17	4. 28	4. 57
γ 72. 0	4. 18	4. 20	4. 19	4. 55
γ 73. 0	4. 24	4. 28	4. 14	4. 42
γ 74. 0	4. 22	4. 13	4. 22	4. 50
γ 75. 0	4. 16	4. 29	4. 23	4. 41
γ 76. 0	4. 19	4. 33	4. 18	4. 58
γ 77. 0	4. 30	4. 50	4. 23	4. 79
γ 78. 0	4. 22	4. 40	4. 39	4. 78
γ 79. 0	4. 29	4. 35	4. 44	4. 62
γ 80. 0	4. 40	4. 45	4. 52	4. 60
γ 81. 0	4. 29	4. 50	4. 67	4. 70
γ 82. 0	4. 38	4. 64	4. 88	4. 78
γ 83. 0	4. 39	4. 79	4. 95	4. 69
γ 84. 0	4. 60	4. 70	4. 96	4. 83
γ 85. 0	4. 84	4. 70	5. 01	4. 87
γ 86. 0	4. 90	4. 74	4. 82	4. 90
γ 87. 0	4. 88	4. 73	4. 95	4. 83
γ 88. 0	4. 80	5. 00	5. 23	4. 76
γ 89. 0	4. 84	4. 89	5. 33	4. 98
γ 90. 0	5. 03	5. 00	5. 22	5. 07
γ 91. 0	5. 02	5. 08	5. 16	5. 02
γ 92. 0	5. 01	5. 12	5. 30	4. 85
γ 93. 0	5. 12	5. 06	5. 30	5. 00
γ 94. 0	5. 06	5. 19	5. 34	5. 01
γ 95. 0	5. 02	4. 75	5. 50	5. 18
γ 96. 0	5. 13	4. 83	5. 28	5. 11
γ 97. 0	5. 21	5. 03	5. 10	5. 27
γ 98. 0	5. 11	4. 77	5. 19	5. 23
γ 99. 0	5. 04	5. 01	5. 18	5. 42

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 100.0	5.13	4.91	5.21	5.53
γ 101.0	5.20	4.91	5.18	5.36
γ 102.0	5.06	4.96	5.12	5.14
γ 103.0	4.96	4.84	5.17	5.29
γ 104.0	5.09	5.04	5.22	5.55
γ 105.0	5.01	4.97	5.14	5.22
γ 106.0	5.03	5.19	5.16	5.21
γ 107.0	5.19	4.98	5.22	5.05
γ 108.0	5.20	5.05	5.10	5.09
γ 109.0	5.20	4.88	5.17	5.01
γ 110.0	5.37	5.09	5.23	5.27
γ 111.0	5.34	5.10	5.28	5.49
γ 112.0	5.12	5.18	5.24	5.67
γ 113.0	5.05	4.93	5.16	5.29
γ 114.0	5.28	5.19	5.22	5.40
γ 115.0	5.12	4.99	5.31	5.42
γ 116.0	5.22	5.12	5.33	5.50
γ 117.0	5.26	4.97	5.26	5.51
γ 118.0	5.15	5.09	5.19	5.57
γ 119.0	5.28	5.51	5.32	5.52
γ 120.0	5.53	5.43	5.31	5.59
γ 121.0	5.77	5.29	5.32	5.53
γ 122.0	5.67	5.25	5.28	5.65
γ 123.0	5.59	5.10	5.34	5.92
γ 124.0	5.32	5.40	5.52	5.96
γ 125.0	5.38	5.36	5.52	5.86
γ 126.0	5.45	5.08	5.51	5.64
γ 127.0	5.28	5.29	5.42	5.94
γ 128.0	5.44	5.48	5.35	6.22
γ 129.0	5.50	5.39	5.38	6.05
γ 130.0	5.35	5.41	5.28	5.97
γ 131.0	5.26	5.54	5.30	5.89
γ 132.0	5.16	5.27	5.49	5.88
γ 133.0	5.32	5.51	5.42	5.80
γ 134.0	5.41	5.66	5.46	5.78
γ 135.0	5.38	5.30	5.36	5.68
γ 136.0	5.40	5.54	5.42	5.88
γ 137.0	5.57	5.30	5.45	5.90
γ 138.0	5.61	5.04	5.29	5.82
γ 139.0	5.59	5.61	5.49	5.99
γ 140.0	5.54	5.60	5.48	5.92
γ 141.0	5.49	5.48	5.52	6.04
γ 142.0	5.47	5.39	5.72	5.89
γ 143.0	5.60	5.64	5.61	6.06
γ 144.0	5.67	5.64	5.68	6.23
γ 145.0	5.54	5.65	5.77	6.34
γ 146.0	5.57	5.53	5.82	6.11

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# IES Indoor Report

Photometric Filename:AD10681 10W 1002C4 3090 HK35-24D 250.IES

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## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 147. 0	5. 80	5. 65	5. 80	6. 54
γ 148. 0	5. 99	5. 61	5. 82	6. 38
γ 149. 0	5. 89	5. 75	5. 78	6. 60
γ 150. 0	5. 91	5. 87	5. 71	6. 63
γ 151. 0	5. 97	5. 95	5. 88	6. 88
γ 152. 0	5. 80	6. 02	6. 08	7. 02
γ 153. 0	6. 00	6. 20	6. 16	6. 76
γ 154. 0	6. 36	6. 33	6. 51	7. 04
γ 155. 0	6. 21	6. 68	6. 91	7. 19
γ 156. 0	6. 27	6. 46	6. 96	6. 86
γ 157. 0	6. 58	6. 83	7. 01	7. 11
γ 158. 0	6. 68	6. 87	7. 05	7. 22
γ 159. 0	6. 68	6. 91	7. 17	7. 30
γ 160. 0	6. 88	6. 75	7. 21	7. 31
γ 161. 0	6. 70	6. 85	7. 17	7. 34
γ 162. 0	6. 70	6. 99	7. 27	7. 62
γ 163. 0	6. 91	6. 95	7. 27	7. 55
γ 164. 0	7. 18	7. 14	7. 38	7. 54
γ 165. 0	7. 31	7. 25	7. 56	7. 65
γ 166. 0	7. 27	7. 29	7. 71	7. 75
γ 167. 0	7. 32	7. 29	7. 68	7. 88
γ 168. 0	7. 28	7. 34	7. 64	7. 69
γ 169. 0	7. 38	7. 30	7. 70	7. 55
γ 170. 0	7. 39	7. 27	7. 60	7. 77
γ 171. 0	7. 34	7. 54	7. 49	7. 55
γ 172. 0	7. 08	7. 26	7. 79	7. 58
γ 173. 0	7. 20	7. 39	7. 74	7. 52
γ 174. 0	7. 34	7. 25	7. 65	7. 76
γ 175. 0	7. 30	7. 58	7. 55	7. 60
γ 176. 0	7. 38	7. 72	7. 55	7. 79
γ 177. 0	7. 44	7. 25	7. 47	7. 71
γ 178. 0	7. 56	7. 29	7. 49	7. 62
γ 179. 0	7. 40	7. 35	7. 58	7. 41
γ 180. 0	7. 59	7. 59	7. 59	7. 59

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