

# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

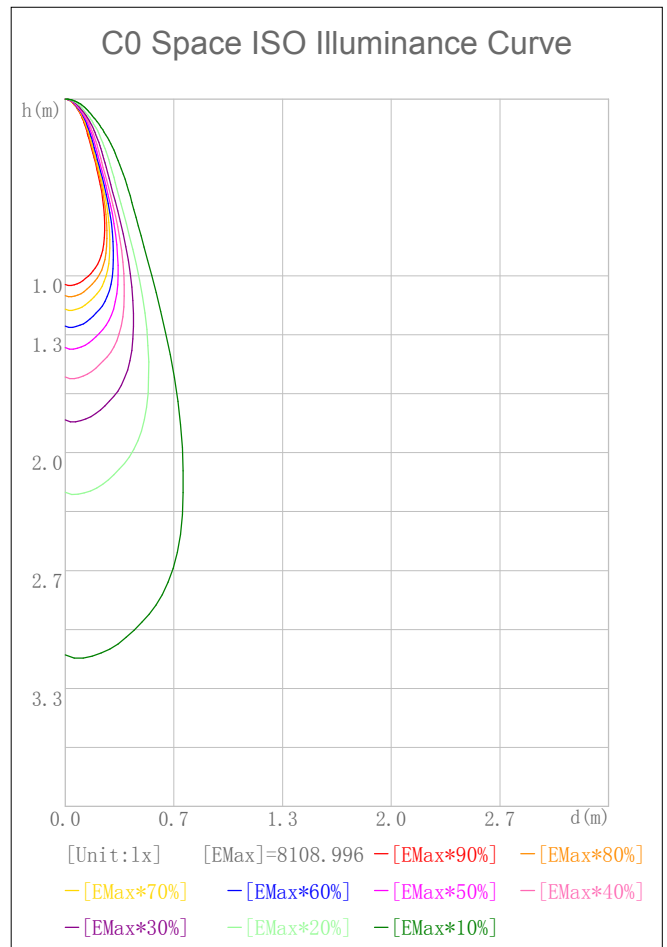
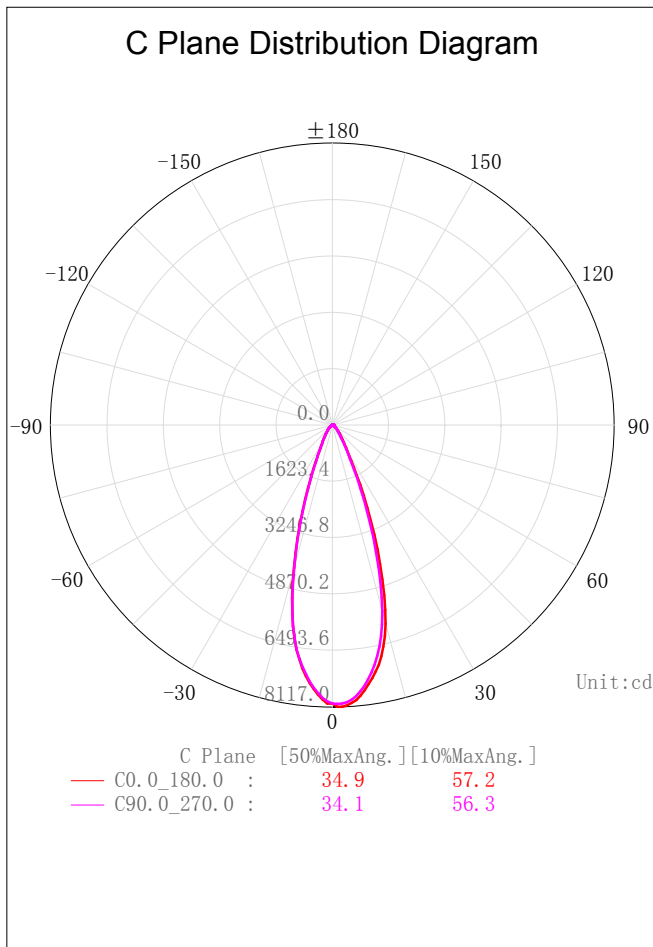
## Indoor Luminaire Photometric Data

### Description Information

Luminaire Name: AT10030	Lum. Catalog: Downlight	Test ID:
Lamp Name: B	Lamp Catalog: COB	Test Date: 2024/01/10
Manufacture:	Shld. Ang(°): 36	Test Machine: GON-2000
Test Lab: Test	Frequency(Hz): 50	Lamp CCT(K): 4000 Ra: 90
Lum. Size(W*L*H): 0.085m*0.085m*0.000m	Lum. Area(m <sup>2</sup> ): 0.006	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=22.5 γ=1.0	Temp.(°C): 25
		Humidity(%): 50.0

### Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 3214.880	Luminaire Flux(lm): 3214.879	Field Angle(10%Imax): 57.2(°)	
Rated Power(W): 30	Luminaire Efficiency: 100.00%	Down Lumens&Percent: 3211.269lm 99.89%	
Rated Voltage(V): 220	Luminaire EER(lm/W): 112.645	Up Lumens&Percent: 3.610lm 0.11%	
Tested Power(W): 28.540	Max. Candela(cd): 8116.996	S/MH: C0_a180=0.586 C90_270=0.571	
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf): 220.2, 0.132, 0.978	Beam Angle(50%Imax): 34.9(°)	ErP Φ use(90°): 3032.323lm	
Lamp Size(W*L*H): 0.085m*0.085m*0.000m	Left=-15.5°, Right=19.4°	IRF(%): 521.742	



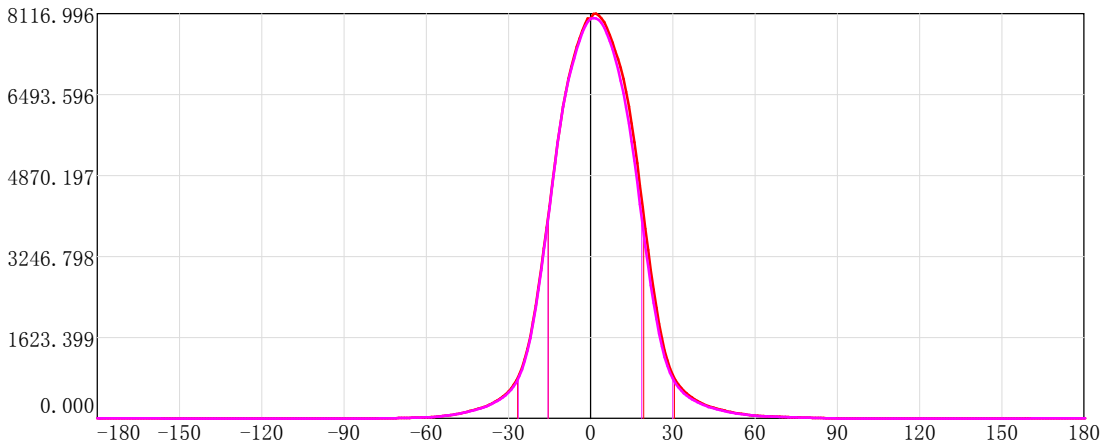
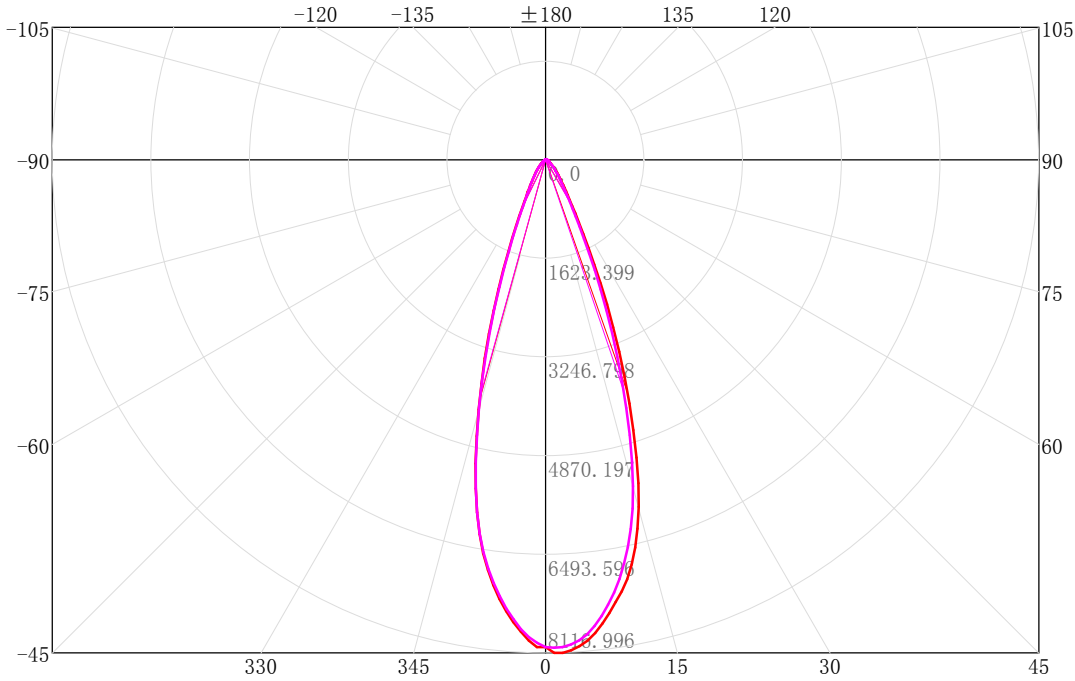
# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

## 2D Plane Light Intensity Distribution Curve

Lum. Name: AT10030	Lum. Catalog: Downlight	Test ID:
Lamp Name: B	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/10

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C0.0_180.0 :	34.9	57.2	
—	C90.0_270.0 :	34.1	56.3	

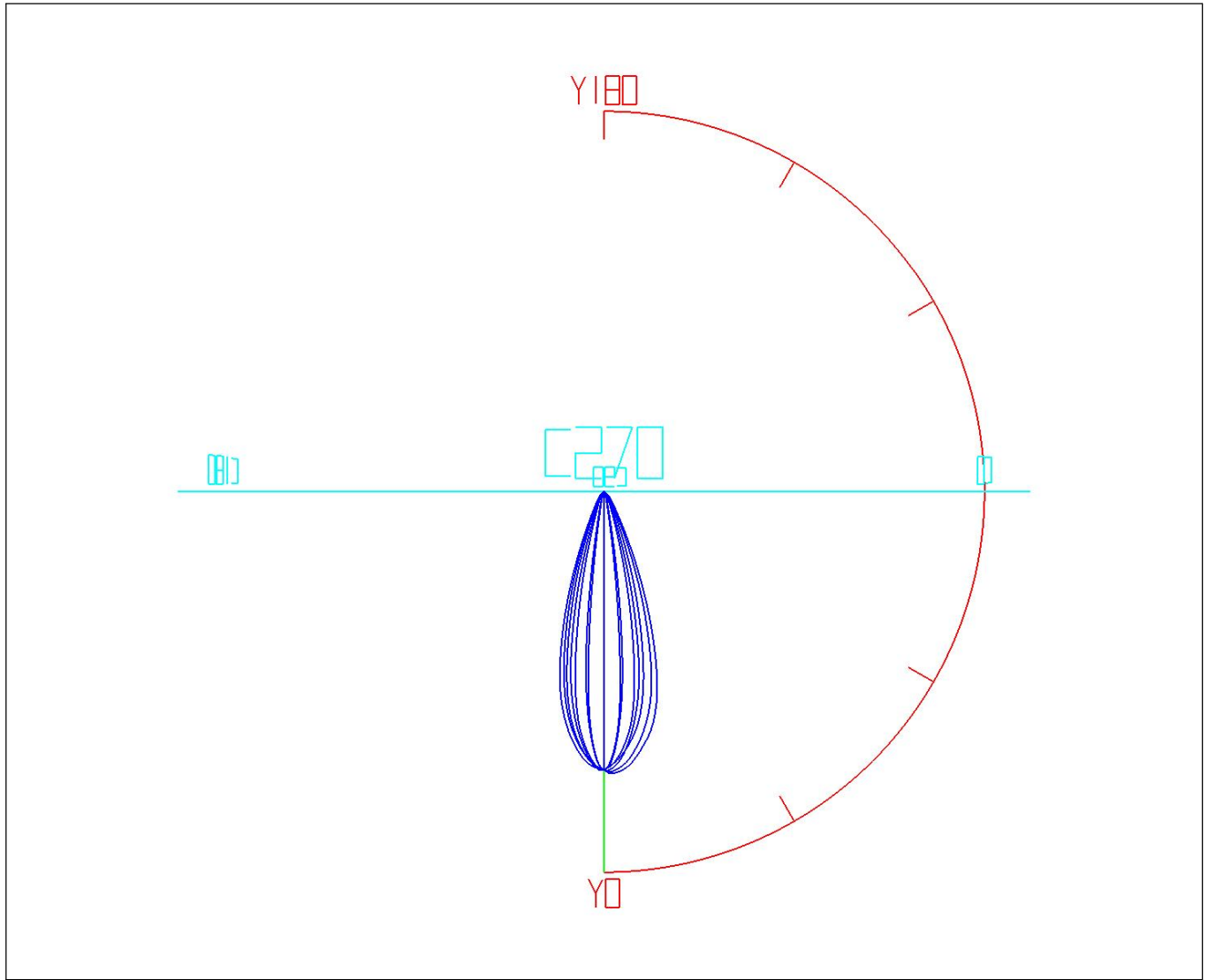
# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

## 3D Light Intensity Distribution Modal

Lum. Name: AT10030	Lum. Catalog: Downlight	Test ID:
Lamp Name: B	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/10

## 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: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.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	7.66	7.66	0.24	0.24	47.0-48.0	11.10	3078.76	0.35	95.77
1.0-2.0	22.89	30.56	0.71	0.95	48.0-49.0	10.28	3089.03	0.32	96.09
2.0-3.0	37.84	68.39	1.18	2.13	49.0-50.0	9.49	3098.52	0.30	96.38
3.0-4.0	52.33	120.72	1.63	3.76	50.0-51.0	8.75	3107.27	0.27	96.65
4.0-5.0	66.25	186.97	2.06	5.82	51.0-52.0	8.09	3115.37	0.25	96.90
5.0-6.0	79.44	266.42	2.47	8.29	52.0-53.0	7.48	3122.84	0.23	97.14
6.0-7.0	91.79	358.21	2.86	11.14	53.0-54.0	6.88	3129.72	0.21	97.35
7.0-8.0	103.22	461.42	3.21	14.35	54.0-55.0	6.30	3136.03	0.20	97.55
8.0-9.0	113.58	575.00	3.53	17.89	55.0-56.0	5.77	3141.80	0.18	97.73
9.0-10.0	122.66	697.66	3.82	21.70	56.0-57.0	5.28	3147.08	0.16	97.89
10.0-11.0	130.21	827.87	4.05	25.75	57.0-58.0	4.81	3151.89	0.15	98.04
11.0-12.0	136.02	963.89	4.23	29.98	58.0-59.0	4.40	3156.29	0.14	98.18
12.0-13.0	139.95	1103.84	4.35	34.34	59.0-60.0	4.08	3160.37	0.13	98.30
13.0-14.0	141.80	1245.64	4.41	38.75	60.0-61.0	3.83	3164.20	0.12	98.42
14.0-15.0	141.54	1387.19	4.40	43.15	61.0-62.0	3.61	3167.80	0.11	98.54
15.0-16.0	139.35	1526.54	4.33	47.48	62.0-63.0	3.41	3171.21	0.11	98.64
16.0-17.0	135.24	1661.78	4.21	51.69	63.0-64.0	3.23	3174.44	0.10	98.74
17.0-18.0	129.35	1791.13	4.02	55.71	64.0-65.0	3.07	3177.51	0.10	98.84
18.0-19.0	122.10	1913.23	3.80	59.51	65.0-66.0	2.91	3180.42	0.09	98.93
19.0-20.0	113.88	2027.11	3.54	63.05	66.0-67.0	2.74	3183.17	0.09	99.01
20.0-21.0	104.95	2132.06	3.26	66.32	67.0-68.0	2.59	3185.75	0.08	99.09
21.0-22.0	95.59	2227.66	2.97	69.29	68.0-69.0	2.43	3188.18	0.08	99.17
22.0-23.0	86.15	2313.80	2.68	71.97	69.0-70.0	2.27	3190.45	0.07	99.24
23.0-24.0	76.99	2390.79	2.39	74.37	70.0-71.0	2.13	3192.58	0.07	99.31
24.0-25.0	68.43	2459.21	2.13	76.49	71.0-72.0	1.99	3194.57	0.06	99.37
25.0-26.0	60.66	2519.88	1.89	78.38	72.0-73.0	1.86	3196.43	0.06	99.43
26.0-27.0	53.83	2573.71	1.67	80.06	73.0-74.0	1.73	3198.16	0.05	99.48
27.0-28.0	47.99	2621.70	1.49	81.55	74.0-75.0	1.61	3199.77	0.05	99.53
28.0-29.0	43.09	2664.79	1.34	82.89	75.0-76.0	1.49	3201.26	0.05	99.58
29.0-30.0	39.02	2703.82	1.21	84.10	76.0-77.0	1.36	3202.62	0.04	99.62
30.0-31.0	35.61	2739.42	1.11	85.21	77.0-78.0	1.25	3203.87	0.04	99.66
31.0-32.0	32.71	2772.13	1.02	86.23	78.0-79.0	1.13	3205.00	0.04	99.69
32.0-33.0	30.26	2802.39	0.94	87.17	79.0-80.0	1.01	3206.01	0.03	99.72
33.0-34.0	28.12	2830.51	0.87	88.04	80.0-81.0	0.90	3206.90	0.03	99.75
34.0-35.0	26.24	2856.75	0.82	88.86	81.0-82.0	0.79	3207.69	0.02	99.78
35.0-36.0	24.52	2881.27	0.76	89.62	82.0-83.0	0.70	3208.38	0.02	99.80
36.0-37.0	22.92	2904.19	0.71	90.34	83.0-84.0	0.62	3209.00	0.02	99.82
37.0-38.0	21.47	2925.66	0.67	91.00	84.0-85.0	0.55	3209.55	0.02	99.83
38.0-39.0	20.14	2945.80	0.63	91.63	85.0-86.0	0.48	3210.03	0.01	99.85
39.0-40.0	18.89	2964.69	0.59	92.22	86.0-87.0	0.41	3210.44	0.01	99.86
40.0-41.0	17.70	2982.39	0.55	92.77	87.0-88.0	0.34	3210.78	0.01	99.87
41.0-42.0	16.59	2998.99	0.52	93.28	88.0-89.0	0.28	3211.06	0.01	99.88
42.0-43.0	15.55	3014.54	0.48	93.77	89.0-90.0	0.21	3211.27	0.01	99.89
43.0-44.0	14.61	3029.15	0.45	94.22	90.0-91.0	0.15	3211.42	0.00	99.89
44.0-45.0	13.72	3042.86	0.43	94.65	91.0-92.0	0.11	3211.53	0.00	99.90
45.0-46.0	12.83	3055.70	0.40	95.05	92.0-93.0	0.09	3211.62	0.00	99.90
46.0-47.0	11.96	3067.65	0.37	95.42	93.0-94.0	0.07	3211.69	0.00	99.90

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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	0.06	3211.75	0.00	99.90	141.0-142.0	0.00	3211.88	0.00	99.91
95.0-96.0	0.05	3211.80	0.00	99.90	142.0-143.0	0.00	3211.88	0.00	99.91
96.0-97.0	0.03	3211.83	0.00	99.91	143.0-144.0	0.00	3211.88	0.00	99.91
97.0-98.0	0.02	3211.86	0.00	99.91	144.0-145.0	0.00	3211.88	0.00	99.91
98.0-99.0	0.01	3211.87	0.00	99.91	145.0-146.0	0.01	3211.89	0.00	99.91
99.0-100.0	0.01	3211.88	0.00	99.91	146.0-147.0	0.02	3211.91	0.00	99.91
100.0-101.0	0.00	3211.88	0.00	99.91	147.0-148.0	0.02	3211.93	0.00	99.91
101.0-102.0	0.00	3211.88	0.00	99.91	148.0-149.0	0.03	3211.96	0.00	99.91
102.0-103.0	0.00	3211.88	0.00	99.91	149.0-150.0	0.04	3212.00	0.00	99.91
103.0-104.0	0.00	3211.88	0.00	99.91	150.0-151.0	0.05	3212.05	0.00	99.91
104.0-105.0	0.00	3211.88	0.00	99.91	151.0-152.0	0.06	3212.11	0.00	99.91
105.0-106.0	0.00	3211.88	0.00	99.91	152.0-153.0	0.08	3212.19	0.00	99.92
106.0-107.0	0.00	3211.88	0.00	99.91	153.0-154.0	0.09	3212.28	0.00	99.92
107.0-108.0	0.00	3211.88	0.00	99.91	154.0-155.0	0.10	3212.39	0.00	99.92
108.0-109.0	0.00	3211.88	0.00	99.91	155.0-156.0	0.11	3212.50	0.00	99.93
109.0-110.0	0.00	3211.88	0.00	99.91	156.0-157.0	0.12	3212.62	0.00	99.93
110.0-111.0	0.00	3211.88	0.00	99.91	157.0-158.0	0.13	3212.75	0.00	99.93
111.0-112.0	0.00	3211.88	0.00	99.91	158.0-159.0	0.13	3212.89	0.00	99.94
112.0-113.0	0.00	3211.88	0.00	99.91	159.0-160.0	0.14	3213.03	0.00	99.94
113.0-114.0	0.00	3211.88	0.00	99.91	160.0-161.0	0.14	3213.17	0.00	99.95
114.0-115.0	0.00	3211.88	0.00	99.91	161.0-162.0	0.14	3213.31	0.00	99.95
115.0-116.0	0.00	3211.88	0.00	99.91	162.0-163.0	0.14	3213.45	0.00	99.96
116.0-117.0	0.00	3211.88	0.00	99.91	163.0-164.0	0.14	3213.59	0.00	99.96
117.0-118.0	0.00	3211.88	0.00	99.91	164.0-165.0	0.14	3213.73	0.00	99.96
118.0-119.0	0.00	3211.88	0.00	99.91	165.0-166.0	0.13	3213.86	0.00	99.97
119.0-120.0	0.00	3211.88	0.00	99.91	166.0-167.0	0.13	3213.99	0.00	99.97
120.0-121.0	0.00	3211.88	0.00	99.91	167.0-168.0	0.12	3214.11	0.00	99.98
121.0-122.0	0.00	3211.88	0.00	99.91	168.0-169.0	0.12	3214.22	0.00	99.98
122.0-123.0	0.00	3211.88	0.00	99.91	169.0-170.0	0.11	3214.33	0.00	99.98
123.0-124.0	0.00	3211.88	0.00	99.91	170.0-171.0	0.10	3214.43	0.00	99.99
124.0-125.0	0.00	3211.88	0.00	99.91	171.0-172.0	0.09	3214.52	0.00	99.99
125.0-126.0	0.00	3211.88	0.00	99.91	172.0-173.0	0.08	3214.60	0.00	99.99
126.0-127.0	0.00	3211.88	0.00	99.91	173.0-174.0	0.07	3214.67	0.00	99.99
127.0-128.0	0.00	3211.88	0.00	99.91	174.0-175.0	0.06	3214.74	0.00	100.00
128.0-129.0	0.00	3211.88	0.00	99.91	175.0-176.0	0.05	3214.79	0.00	100.00
129.0-130.0	0.00	3211.88	0.00	99.91	176.0-177.0	0.04	3214.83	0.00	100.00
130.0-131.0	0.00	3211.88	0.00	99.91	177.0-178.0	0.03	3214.86	0.00	100.00
131.0-132.0	0.00	3211.88	0.00	99.91	178.0-179.0	0.02	3214.87	0.00	100.00
132.0-133.0	0.00	3211.88	0.00	99.91	179.0-180.0	0.01	3214.88	0.00	100.00
133.0-134.0	0.00	3211.88	0.00	99.91					
134.0-135.0	0.00	3211.88	0.00	99.91					
135.0-136.0	0.00	3211.88	0.00	99.91					
136.0-137.0	0.00	3211.88	0.00	99.91					
137.0-138.0	0.00	3211.88	0.00	99.91					
138.0-139.0	0.00	3211.88	0.00	99.91					
139.0-140.0	0.00	3211.88	0.00	99.91					
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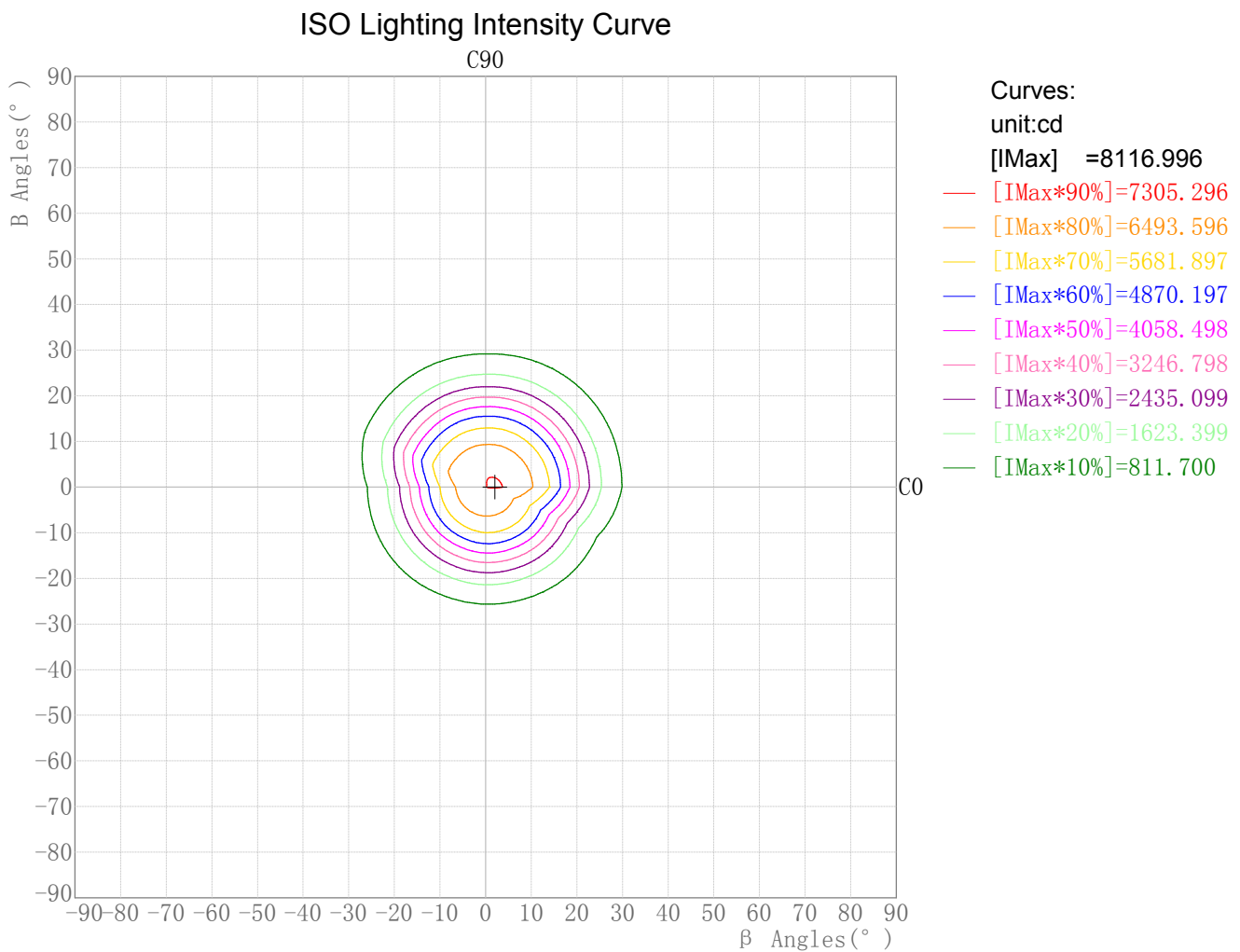
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# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

## Rectangle ISO Lighting Intensity Diagram

Lum. Name: AT10030	Lum. Catalog: Downlight	Test ID:
Lamp Name: B	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/10



Maximum Light Intensity(cd): 8117.00

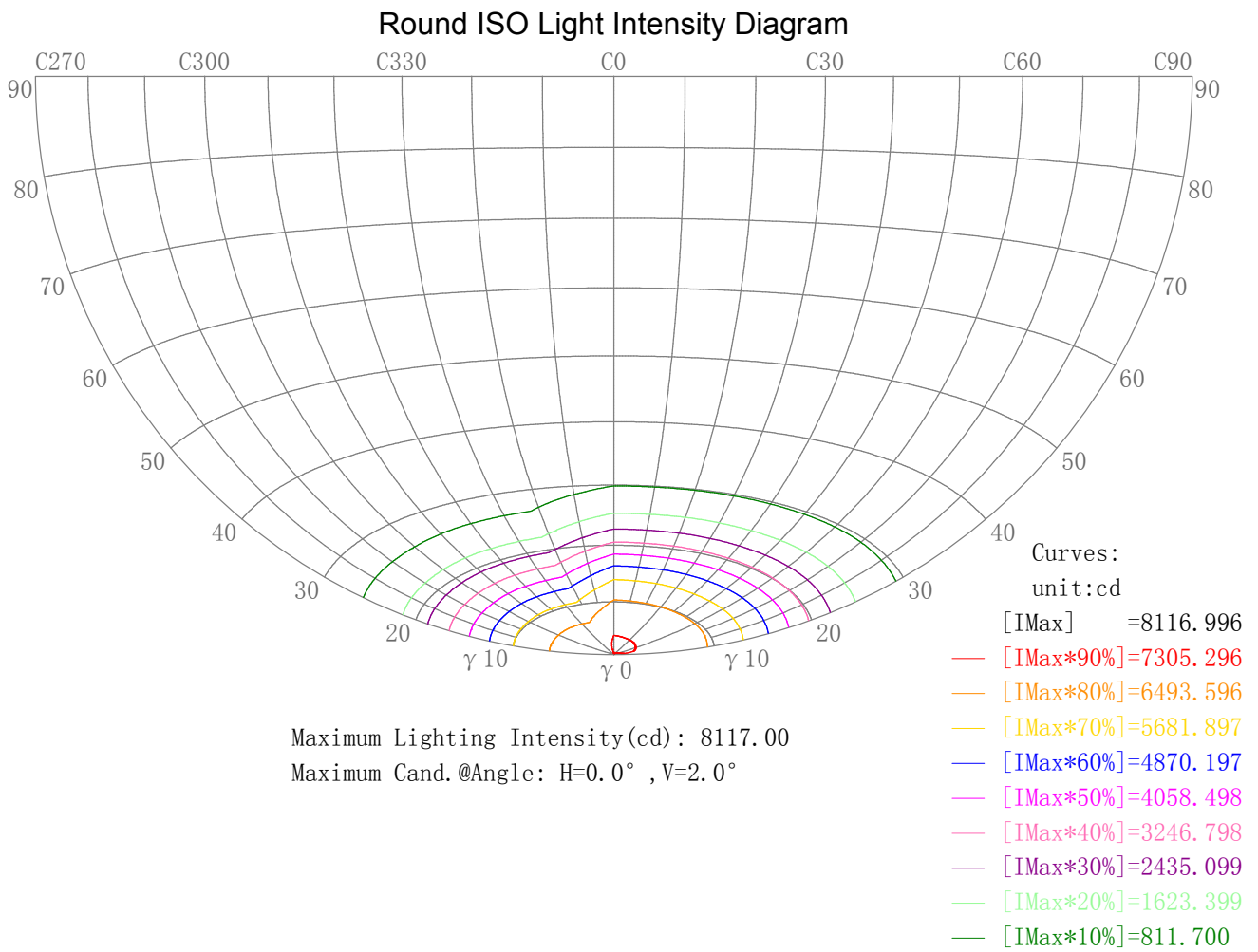
Maximum Cand.@Angle: H=2.0°,V=0.0°

# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

## Round ISO Lighting Intensity Diagram

Lum. Name: AT10030	Lum. Catalog: Downlight	Test ID:
Lamp Name: B	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/10



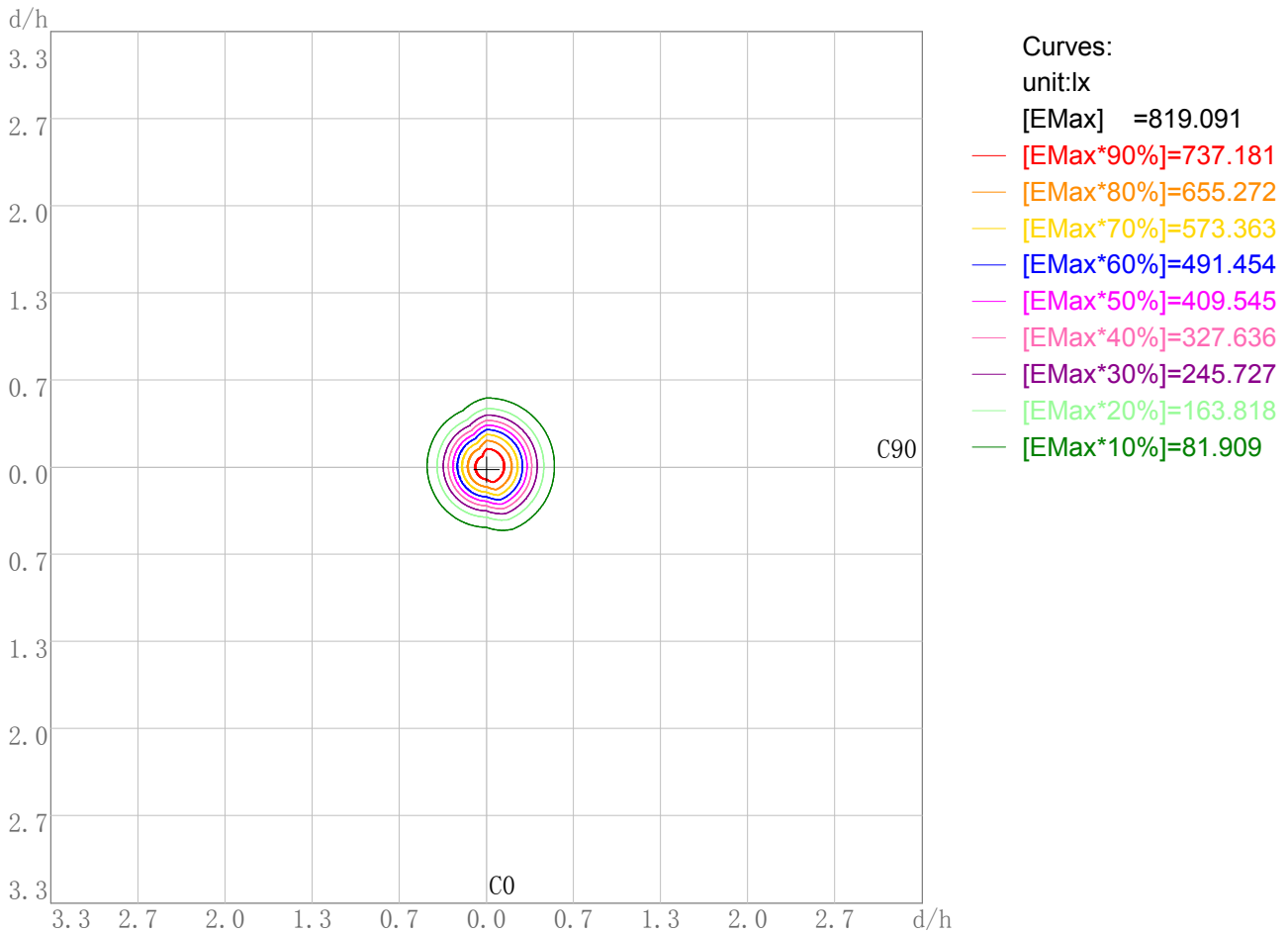
# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

## Plane ISO-Illuminance Diagram

Lum. Name: AT10030	Lum. Catalog: Downlight	Test ID:
Lamp Name: B	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/10

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 819.09  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0



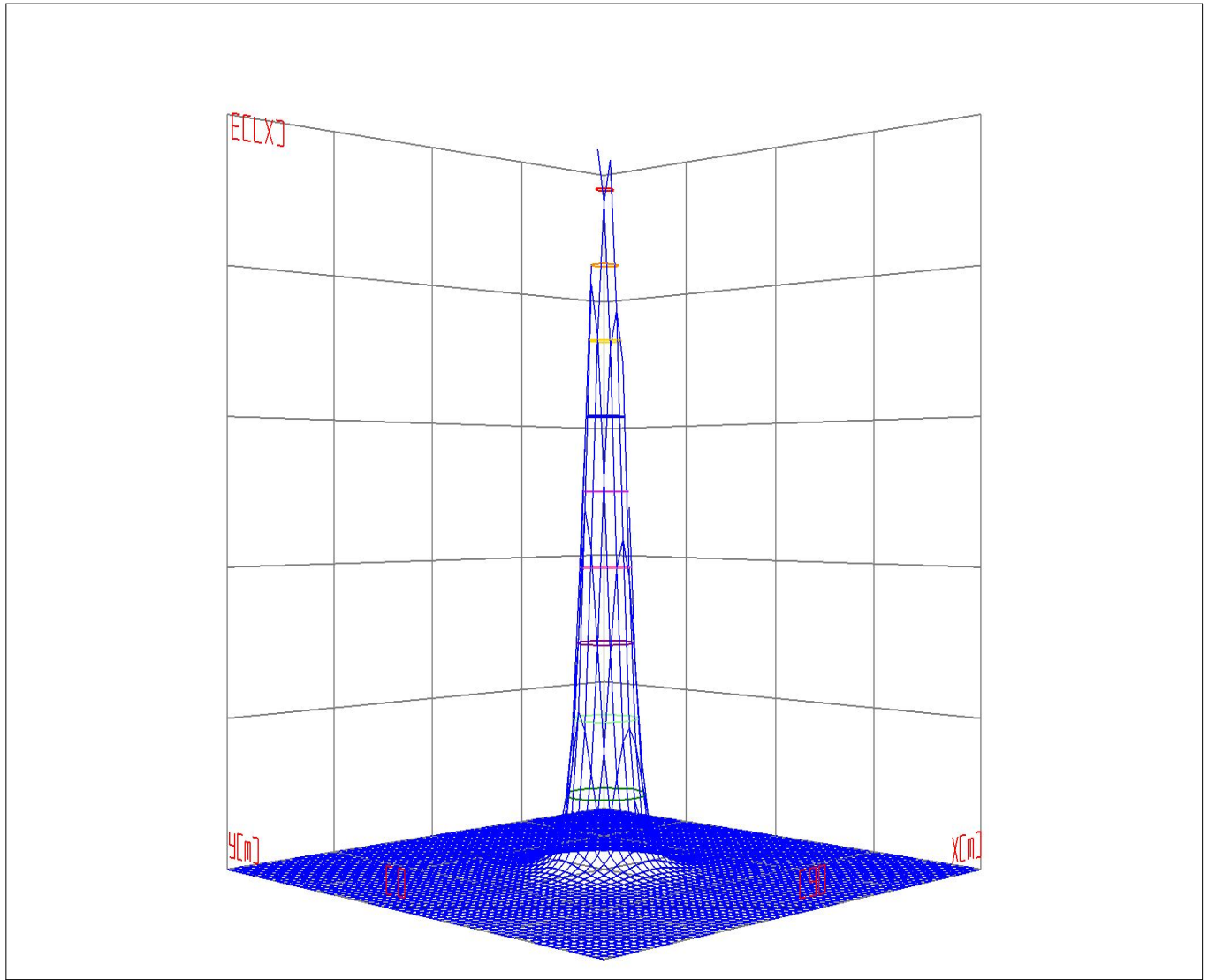
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## 3D Plane ISO Illuminance Diagram

Lum. Name: AT10030	Lum. Catalog: Downlight	Test ID:
Lamp Name: B	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/10

### 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

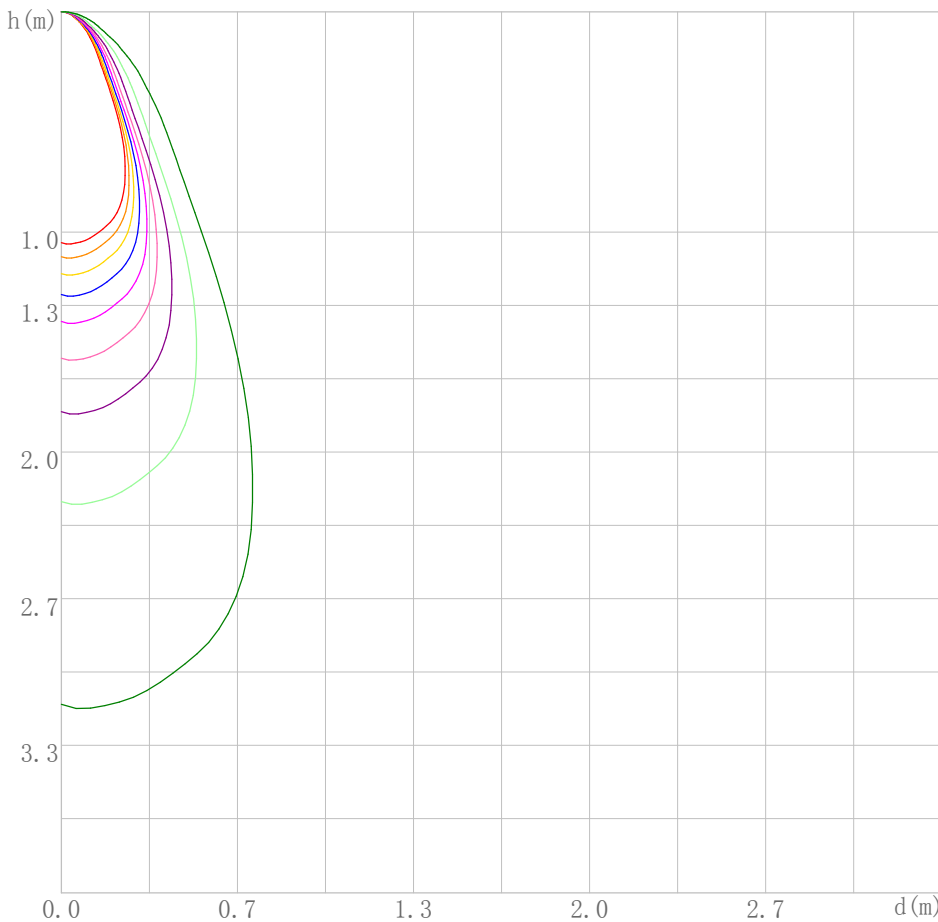
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Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

## Space ISO Illuminance Diagram

Lum. Name: AT10030	Lum. Catalog: Downlight	Test ID:
Lamp Name: B	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/10

### Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =8108.996

— [EMax\*90%]=7298.097

— [EMax\*80%]=6487.197

— [EMax\*70%]=5676.297

— [EMax\*60%]=4865.398

— [EMax\*50%]=4054.498

— [EMax\*40%]=3243.599

— [EMax\*30%]=2432.699

— [EMax\*20%]=1621.799

— [EMax\*10%]=810.900

Space Plane Maximum Illuminance and @Angle:8109.00lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:8116.996cd,0deg

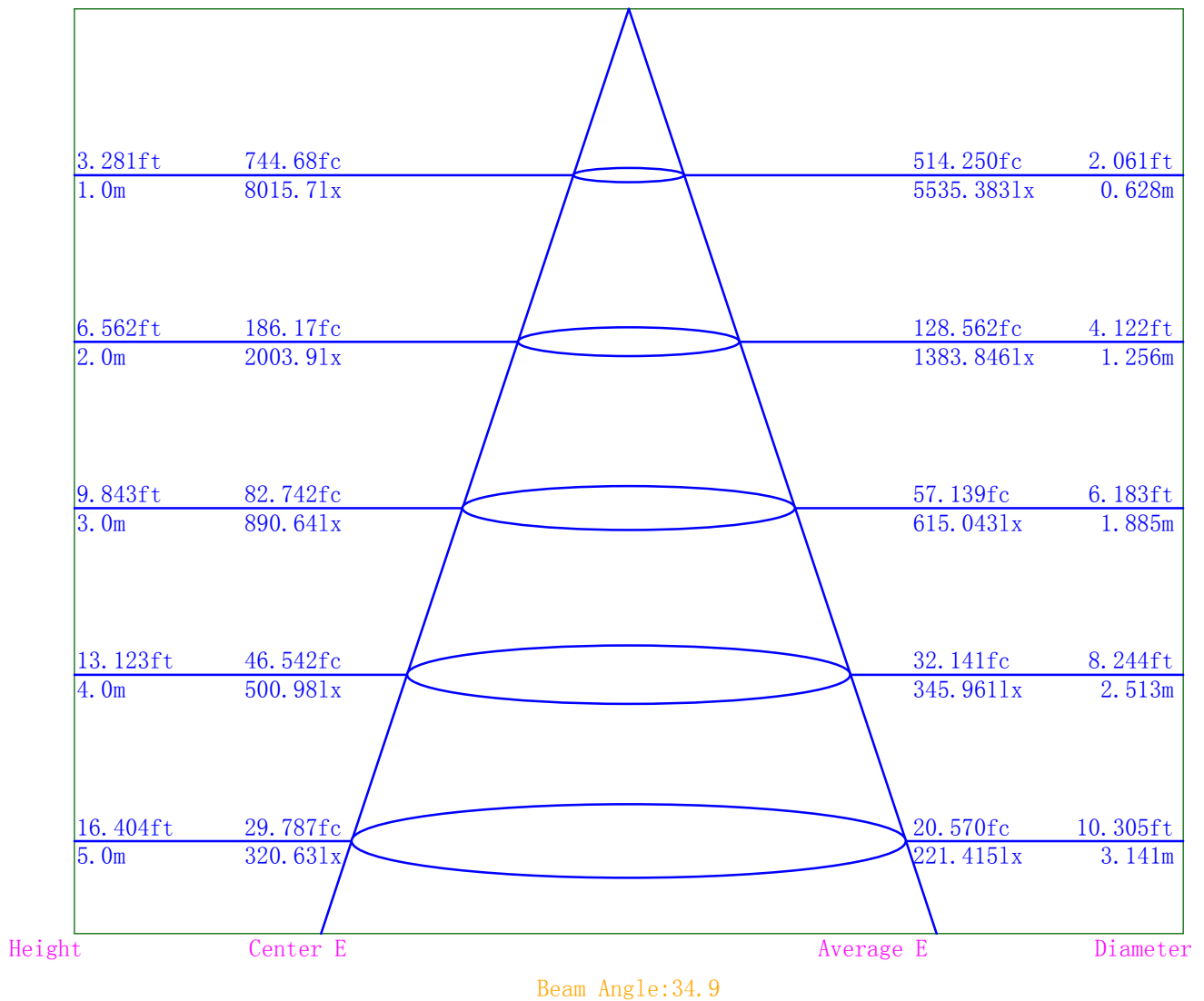
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Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

## Illuminance-Distance Diagram

Lum. Name: AT10030	Lum. Catalog: Downlight	Test ID:
Lamp Name: B	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/10

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

## Indoor Luminance Limiting Curves

Lum. Name: AT10030	Lum. Catalog: Downlight	Test ID:
Lamp Name: B	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/10

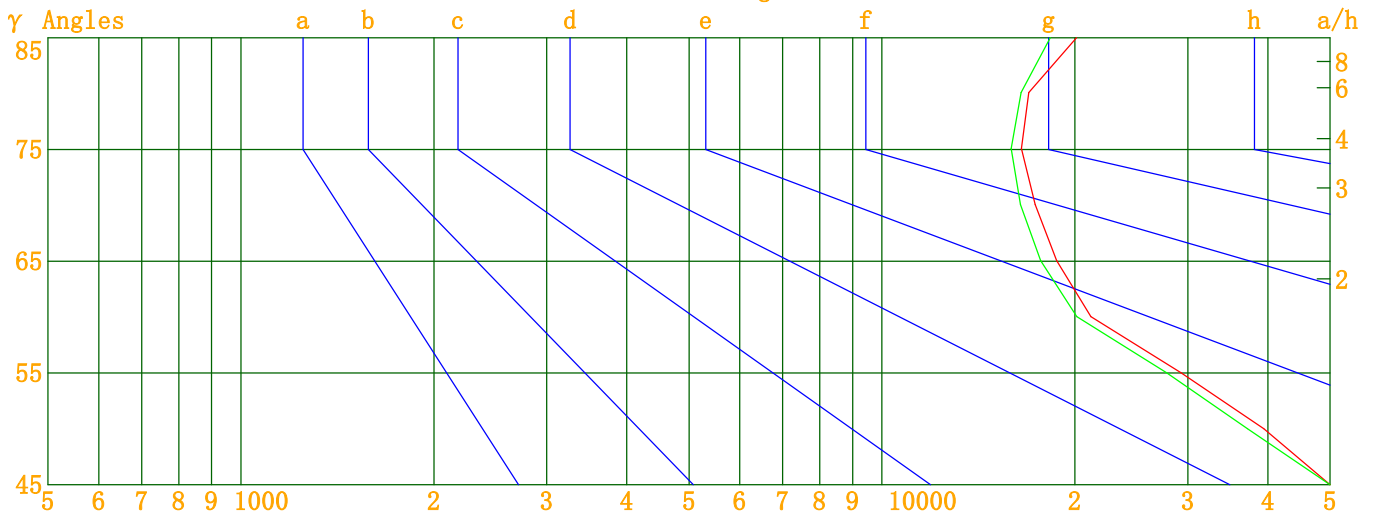
Glare Grade Table

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	53819	39417	29261	21172	18726	17347	16494	16950	20122
C90	50560	37179	27785	20132	17681	16443	15902	16477	18296

Luminance Limiting Curve



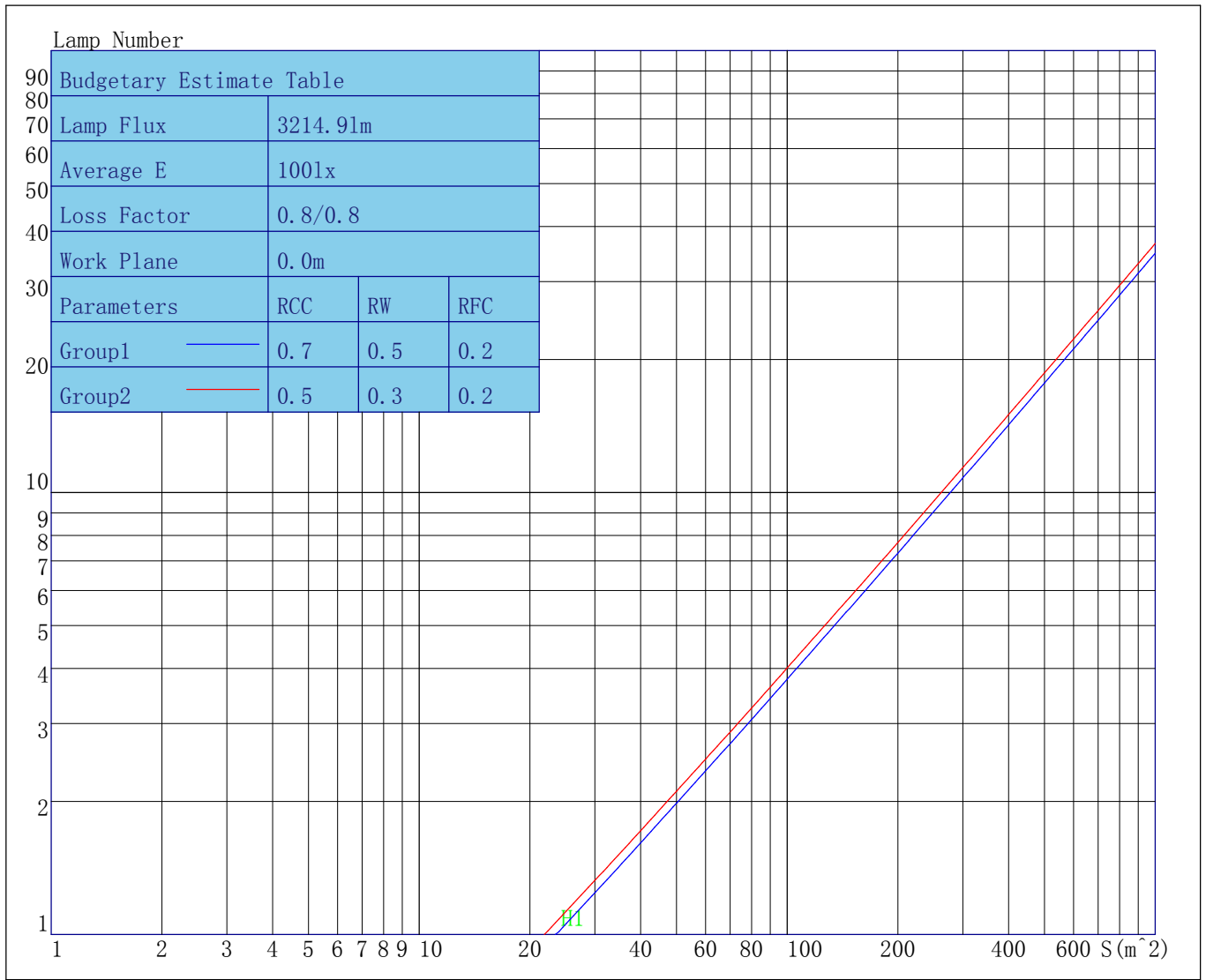
Luminous Size: Length(m)=-0.085 Width(m)=-0.085 Height(m)=0.000 Area(m^2)=0.005675  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

## Indoor Budgetary Estimate Table

Lum. Name: AT10030	Lum. Catalog: Downlight	Test ID:
Lamp Name: B	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/10



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: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

## Indoor Coefficient of Utilization Table

Lum. Name: AT10030	Lum. Catalog: Downlight	Test ID:
Lamp Name: B	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/10

Coefficients of Utilization - Zonal Cavity Method																		
Coef.	Effective Floor Cavity Reflectance RFC=0.20																	
RhoCC (%)	80				70				50			30			10			0
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Coefficient of Utilization (%)																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	112	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	89
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	90	88	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	81
5	96	89	84	80	95	88	84	80	87	83	79	85	81	79	83	80	78	77
6	93	85	80	76	91	84	79	76	83	79	75	82	78	75	80	77	75	73
7	89	81	76	73	88	81	76	72	79	75	72	78	75	72	77	74	71	70
8	86	78	73	69	85	77	73	69	76	72	69	75	71	69	74	71	68	67
9	83	75	70	66	82	74	70	66	73	69	66	73	69	66	72	68	66	65
10	80	72	67	64	79	72	67	64	71	66	64	70	66	63	69	66	63	62

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# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

## Unified Glare Rating Table

Lum. Name: AT10030	Lum. Catalog: Downlight	Test ID:
Lamp Name: B	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/10

## 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	19.8	20.8	20.1	21.1	21.4	20.2	21.2	20.6	21.5	21.8
	Y=3H	20.1	21.0	20.5	21.3	21.7	20.6	21.4	20.9	21.8	22.1
	Y=4H	20.3	21.1	20.7	21.4	21.8	20.7	21.6	21.2	21.9	22.3
	Y=6H	20.5	21.2	20.9	21.6	22.0	20.9	21.7	21.4	22.1	22.5
	Y=8H	20.5	21.2	21.0	21.6	22.1	21.0	21.7	21.5	22.1	22.5
	Y=12H	20.6	21.3	21.1	21.7	22.1	21.1	21.8	21.5	22.1	22.6
X=4H	Y=2H	19.7	20.5	20.1	20.9	21.3	20.2	21.0	20.6	21.4	21.8
	Y=3H	20.1	20.8	20.6	21.2	21.6	20.7	21.4	21.2	21.8	22.2
	Y=4H	20.4	21.0	20.8	21.4	21.9	21.0	21.6	21.5	22.1	22.5
	Y=6H	20.7	21.2	21.1	21.6	22.1	21.4	21.9	21.8	22.3	22.8
	Y=8H	20.8	21.3	21.3	21.7	22.2	21.5	22.0	22.0	22.4	22.9
	Y=12H	21.0	21.4	21.5	21.9	22.3	21.6	22.0	22.1	22.5	23.0
X=8H	Y=4H	20.4	20.8	20.8	21.3	21.8	21.1	21.6	21.6	22.0	22.5
	Y=6H	20.7	21.1	21.2	21.6	22.1	21.6	21.9	22.1	22.4	23.0
	Y=8H	20.9	21.3	21.5	21.8	22.3	21.8	22.1	22.3	22.6	23.1
	Y=12H	21.2	21.5	21.7	22.0	22.5	22.0	22.3	22.5	22.8	23.4
X=12H	Y=4H	20.3	20.7	20.8	21.2	21.7	21.1	21.5	21.6	22.0	22.5
	Y=6H	20.7	21.1	21.3	21.5	22.1	21.6	21.9	22.1	22.4	22.9
	Y=8H	21.0	21.3	21.5	21.8	22.3	21.9	22.1	22.4	22.6	23.2
Variations with the objerver position at spacings											
S=1.0H	0.3/-0.3					0.4/-0.4					
S=1.5H	0.7/-0.7					0.6/-0.6					
S=2.0H	1.2/-1.1					0.8/-0.9					
Reduced UGR Table:											
Nordic Standard Table:	BKO					BKO					
Correction Value	1.3					1.6					

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

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# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.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	8015.72	8015.72	8015.72	8015.72	8015.72	8015.72	8015.72	8015.72	8015.72	8015.72	8015.72	8015.72
$\gamma$ 1.0	8112.70	8086.57	8065.62	8047.21	8027.54	8012.60	7999.98	7981.49	8019.85	7992.31	7976.00	7959.75
$\gamma$ 2.0	8117.00	8087.93	8062.36	8043.65	8020.73	8005.47	7990.36	7977.27	7913.92	7884.56	7871.99	7860.48
$\gamma$ 3.0	8078.70	8054.92	8033.02	8014.19	7987.99	7974.76	7956.96	7944.50	7772.87	7746.77	7734.02	7725.63
$\gamma$ 4.0	8019.34	7998.55	7974.03	7958.44	7928.03	7912.88	7889.54	7876.73	7623.47	7591.14	7576.86	7568.06
$\gamma$ 5.0	7942.14	7922.47	7895.62	7874.38	7837.14	7814.97	7783.28	7770.36	7455.17	7418.72	7399.69	7391.73
$\gamma$ 6.0	7825.90	7812.50	7785.14	7757.72	7710.80	7685.71	7640.90	7633.84	7266.95	7227.35	7204.97	7197.22
$\gamma$ 7.0	7685.72	7673.49	7646.34	7612.45	7562.27	7531.30	7488.28	7480.87	7053.80	7012.35	6990.92	6981.43
$\gamma$ 8.0	7531.43	7520.87	7488.83	7453.02	7395.44	7368.98	7322.90	7315.18	6814.44	6771.93	6751.41	6744.11
$\gamma$ 9.0	7367.38	7354.79	7310.97	7269.63	7209.54	7185.36	7136.98	7130.27	6552.53	6501.77	6479.71	6479.14
$\gamma$ 10.0	7207.34	7170.54	7111.55	7063.98	7000.90	6975.85	6922.25	6918.95	6253.29	6194.01	6167.92	6170.71
$\gamma$ 11.0	7029.88	6966.09	6890.92	6837.87	6769.13	6742.50	6679.37	6682.23	5909.24	5846.28	5814.29	5816.31
$\gamma$ 12.0	6805.48	6737.83	6649.43	6590.50	6516.12	6484.97	6419.04	6424.36	5530.06	5463.87	5424.51	5426.19
$\gamma$ 13.0	6548.37	6482.44	6386.71	6317.55	6232.01	6200.96	6132.34	6133.75	5126.27	5043.10	5003.48	5007.51
$\gamma$ 14.0	6254.00	6190.46	6088.87	6010.86	5912.72	5880.61	5805.43	5801.50	4686.75	4596.74	4567.31	4553.38
$\gamma$ 15.0	5913.57	5856.96	5749.66	5663.55	5557.38	5524.32	5448.13	5430.49	4254.19	4162.16	4132.09	4118.14
$\gamma$ 16.0	5536.79	5483.47	5372.65	5281.88	5164.41	5132.02	5050.45	5025.00	3829.98	3739.56	3703.40	3693.72
$\gamma$ 17.0	5119.91	5065.75	4960.91	4866.74	4735.36	4703.87	4617.38	4605.14	3414.44	3328.29	3290.47	3283.62
$\gamma$ 18.0	4672.25	4622.49	4523.82	4419.59	4292.62	4264.82	4194.56	4186.87	3012.79	2932.15	2894.90	2888.88
$\gamma$ 19.0	4237.59	4188.48	4091.85	3987.17	3859.79	3838.15	3772.42	3771.31	2623.47	2555.01	2517.17	2511.78
$\gamma$ 20.0	3803.56	3765.14	3672.80	3567.86	3448.90	3426.76	3368.19	3362.57	2266.61	2202.10	2163.81	2156.18
$\gamma$ 21.0	3381.78	3350.65	3262.89	3165.62	3053.36	3027.77	2975.61	2967.10	1936.18	1881.15	1844.16	1831.07
$\gamma$ 22.0	2972.74	2949.08	2861.48	2780.81	2672.47	2653.07	2596.93	2589.34	1645.20	1598.97	1562.58	1547.16
$\gamma$ 23.0	2582.72	2565.31	2482.66	2415.55	2316.88	2297.50	2245.08	2234.07	1396.79	1357.56	1322.58	1305.29
$\gamma$ 24.0	2222.79	2210.72	2136.40	2080.84	1990.89	1973.03	1925.23	1911.57	1188.86	1156.25	1124.16	1105.69
$\gamma$ 25.0	1898.45	1889.77	1824.65	1777.67	1699.69	1684.20	1641.01	1627.15	1018.49	991.30	962.46	942.87
$\gamma$ 26.0	1611.81	1605.29	1552.59	1511.37	1446.01	1432.00	1395.66	1382.37	880.79	858.36	831.52	814.62
$\gamma$ 27.0	1369.67	1364.19	1319.82	1287.94	1232.35	1221.57	1188.62	1179.15	769.14	749.87	726.32	710.67
$\gamma$ 28.0	1169.06	1164.18	1128.73	1099.75	1057.27	1047.57	1020.46	1013.47	677.78	661.93	641.81	627.21
$\gamma$ 29.0	1006.22	1001.56	973.01	948.40	914.95	905.36	884.93	879.13	603.23	590.23	572.64	559.61
$\gamma$ 30.0	875.60	871.10	846.96	827.11	799.03	791.57	773.89	770.50	541.05	530.39	514.87	503.82
$\gamma$ 31.0	769.79	765.46	744.75	725.93	704.80	696.58	683.06	680.43	487.90	478.78	465.80	455.90
$\gamma$ 32.0	684.95	680.52	662.28	645.56	627.82	619.44	608.45	606.27	441.18	434.22	422.46	413.60
$\gamma$ 33.0	614.63	610.78	594.36	580.00	564.28	556.85	546.26	545.29	400.30	394.90	384.39	377.13
$\gamma$ 34.0	555.21	551.46	537.25	522.61	510.12	502.68	493.93	492.77	365.44	360.42	351.13	345.64
$\gamma$ 35.0	504.58	500.21	487.80	474.49	463.34	455.93	447.88	446.42	334.03	329.52	321.71	316.61
$\gamma$ 36.0	459.41	455.90	444.26	432.83	422.53	414.92	407.49	406.86	304.72	300.92	293.97	288.95
$\gamma$ 37.0	420.38	417.88	407.13	397.03	387.08	380.31	373.27	373.01	277.57	274.24	268.28	263.17
$\gamma$ 38.0	386.70	384.58	374.75	365.27	356.20	349.69	343.01	342.61	253.30	250.34	245.28	240.07
$\gamma$ 39.0	355.11	353.74	345.33	336.38	327.38	321.74	315.24	314.44	231.88	229.17	225.06	220.07
$\gamma$ 40.0	323.91	324.11	317.22	308.68	300.79	295.42	289.22	288.87	212.98	210.82	207.00	202.19
$\gamma$ 41.0	295.26	296.38	290.64	283.27	276.52	271.15	265.58	265.63	195.92	194.30	190.57	186.34
$\gamma$ 42.0	272.16	271.34	266.60	259.85	253.72	248.79	243.27	243.78	180.26	178.57	175.59	171.22
$\gamma$ 43.0	250.19	249.57	245.65	239.84	234.18	229.05	225.13	225.04	165.58	163.53	161.02	156.77
$\gamma$ 44.0	232.07	231.95	228.74	223.19	217.93	213.27	209.18	209.19	150.92	149.20	146.44	143.27
$\gamma$ 45.0	215.95	216.27	213.08	207.77	202.87	198.31	194.50	194.45	137.00	135.11	132.36	129.45
$\gamma$ 46.0	200.46	200.83	197.96	192.83	188.50	183.99	180.55	180.53	122.60	121.20	118.77	116.57

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# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.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	185.64	186.29	183.50	179.06	174.75	170.53	166.72	166.96	109.61	108.43	106.15	104.40
γ 48.0	171.35	172.16	169.35	165.84	161.34	157.02	153.31	153.28	98.07	97.25	95.49	93.60
γ 49.0	157.35	158.13	155.72	151.99	148.24	143.92	140.05	139.74	87.92	87.47	85.92	83.86
γ 50.0	143.77	144.73	142.52	139.07	135.61	131.64	127.96	127.42	79.17	78.81	77.16	75.16
γ 51.0	131.60	132.24	130.14	127.42	124.12	120.55	117.24	116.84	71.45	71.15	69.36	67.88
γ 52.0	120.50	121.44	119.45	117.05	113.89	110.92	107.91	107.53	64.40	64.11	62.36	61.18
γ 53.0	111.08	111.89	110.05	107.68	105.15	102.77	100.11	99.32	56.87	56.50	55.06	53.82
γ 54.0	102.66	103.26	101.78	100.11	97.47	95.21	92.67	92.23	48.97	48.61	47.34	46.40
γ 55.0	95.24	95.77	94.44	92.71	90.43	88.72	85.76	85.26	41.86	41.75	40.97	39.96
γ 56.0	88.21	88.37	87.26	85.65	83.29	81.48	78.41	77.81	37.10	36.85	36.13	35.18
γ 57.0	80.15	80.56	79.43	77.81	75.39	73.81	70.91	69.92	32.58	33.11	32.21	31.49
γ 58.0	71.94	72.31	71.25	69.48	67.77	66.45	64.27	63.24	29.85	29.93	29.15	28.52
γ 59.0	65.25	65.22	64.44	63.21	61.71	60.89	59.20	58.47	27.35	27.29	26.76	25.66
γ 60.0	60.07	59.78	59.25	58.58	57.12	56.36	55.28	54.45	25.26	25.15	24.70	23.95
γ 61.0	56.32	55.70	55.04	54.48	53.32	52.77	51.78	51.21	23.74	23.38	22.75	22.33
γ 62.0	53.00	52.49	51.44	50.88	49.99	49.87	48.88	48.46	21.67	21.70	20.88	20.62
γ 63.0	49.52	49.23	48.65	47.39	47.11	47.13	46.47	46.15	20.02	20.02	19.13	18.95
γ 64.0	47.06	46.70	46.14	45.25	44.62	45.00	44.46	44.14	18.37	18.50	17.66	17.41
γ 65.0	44.91	44.58	43.77	43.22	42.40	42.96	42.40	42.07	16.82	16.77	16.22	16.00
γ 66.0	42.41	42.49	41.70	41.28	40.26	40.90	40.17	39.97	14.91	15.03	14.60	14.30
γ 67.0	40.42	40.29	39.75	39.10	38.42	38.78	38.29	37.87	13.71	13.54	13.04	12.82
γ 68.0	38.29	38.12	37.66	37.14	36.38	36.52	35.99	35.65	11.98	12.17	11.80	11.70
γ 69.0	36.12	35.83	35.36	34.94	34.11	34.29	33.60	33.35	10.84	11.05	10.70	10.48
γ 70.0	33.67	33.52	33.13	32.77	31.91	32.10	31.33	31.09	10.03	10.21	9.65	9.66
γ 71.0	31.30	31.48	30.87	30.79	29.92	30.33	29.68	29.12	9.30	9.34	8.81	8.81
γ 72.0	29.45	29.56	28.94	28.70	28.13	28.68	27.70	27.49	8.11	8.17	7.89	7.92
γ 73.0	27.75	27.71	27.36	27.29	26.62	27.05	26.05	25.94	7.12	7.22	7.09	6.78
γ 74.0	25.95	26.19	25.78	25.36	24.99	25.13	24.47	24.38	6.40	6.18	6.25	5.81
γ 75.0	24.22	24.56	24.00	24.07	23.35	23.59	23.16	22.64	5.27	5.16	5.35	5.18
γ 76.0	22.74	22.88	22.47	22.48	21.90	22.05	21.46	21.07	4.50	4.51	4.51	4.14
γ 77.0	21.15	21.35	21.18	20.71	20.47	20.40	19.88	19.61	3.55	3.89	3.56	3.31
γ 78.0	19.64	19.84	20.10	19.34	18.88	18.96	18.55	18.11	2.81	2.76	2.70	2.38
γ 79.0	17.78	18.35	18.46	17.96	17.42	17.35	17.00	16.86	2.14	1.88	2.04	1.56
γ 80.0	16.70	16.93	16.76	16.56	16.24	16.10	15.71	15.49	0.95	1.32	1.30	0.46
γ 81.0	15.46	15.60	15.45	15.20	14.66	14.64	14.31	13.92	0.19	0.55	0.19	0.14
γ 82.0	13.96	14.15	14.12	13.56	13.10	13.30	12.82	12.36	0.00	0.00	0.00	0.00
γ 83.0	12.67	12.75	12.59	12.17	11.80	12.04	11.39	11.01	0.00	0.00	0.00	0.00
γ 84.0	11.28	11.34	11.27	10.67	10.49	10.68	10.21	9.76	0.00	0.00	0.00	0.00
γ 85.0	9.95	9.90	9.95	9.53	9.05	9.26	9.01	8.48	0.00	0.00	0.00	0.00
γ 86.0	8.64	8.59	8.75	8.38	7.73	7.78	7.54	7.24	0.00	0.00	0.00	0.00
γ 87.0	7.17	7.59	7.58	6.99	6.65	6.83	6.24	6.02	0.00	0.00	0.00	0.00
γ 88.0	5.82	6.39	6.39	5.60	5.54	5.58	5.14	4.66	0.00	0.00	0.00	0.00
γ 89.0	4.72	5.16	5.20	4.45	4.39	4.32	3.82	3.27	0.00	0.00	0.00	0.00
γ 90.0	3.63	3.88	3.91	3.36	3.14	3.17	2.85	2.21	0.00	0.00	0.00	0.00
γ 91.0	2.41	2.64	2.83	2.09	2.18	2.10	2.07	1.60	0.00	0.00	0.00	0.00
γ 92.0	1.88	1.74	2.12	1.57	1.81	2.06	1.89	1.31	0.00	0.00	0.00	0.00
γ 93.0	1.52	1.30	1.73	1.14	1.60	1.75	1.40	1.07	0.00	0.00	0.00	0.00

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# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.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	1.38	1.19	1.46	1.05	1.12	1.58	1.29	0.78	0.00	0.00	0.00	0.00
γ 95.0	0.80	1.04	1.19	0.74	0.75	1.30	1.12	0.52	0.00	0.00	0.00	0.00
γ 96.0	0.72	0.79	1.20	0.19	0.83	1.21	0.85	0.38	0.00	0.00	0.00	0.00
γ 97.0	0.37	0.56	0.71	0.35	0.72	0.74	0.59	0.10	0.00	0.00	0.00	0.00
γ 98.0	0.26	0.39	0.49	0.11	0.56	0.49	0.44	0.00	0.00	0.00	0.00	0.00
γ 99.0	0.28	0.29	0.24	0.02	0.17	0.30	0.36	0.00	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.27	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
γ 145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.12	0.18	0.54
γ 146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.49	0.23	0.69
γ 147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.72	0.41	0.91
γ 148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.93	0.82	1.23
γ 149.0	0.00	0.00	0.00	0.00	0.00	0.11	0.23	0.00	1.14	1.12	1.04	1.52
γ 150.0	0.19	0.00	0.08	0.00	0.05	0.25	0.54	0.30	1.42	1.30	1.30	1.77
γ 151.0	0.20	0.15	0.30	0.32	0.40	0.61	0.74	0.77	1.48	1.74	1.59	2.21
γ 152.0	0.48	0.62	0.68	0.68	0.76	1.15	0.93	1.16	1.85	1.97	2.11	2.26
γ 153.0	0.73	0.94	0.92	1.21	1.06	1.49	1.27	1.44	2.00	2.41	2.39	2.68
γ 154.0	1.35	1.47	1.40	1.49	1.32	1.62	1.72	1.79	2.51	2.59	2.51	2.61
γ 155.0	1.70	1.86	1.92	1.76	1.70	2.12	2.00	2.20	2.89	2.73	2.67	2.86
γ 156.0	2.11	2.19	2.10	2.07	2.01	2.41	2.17	2.26	3.12	3.15	2.94	3.31
γ 157.0	2.77	2.38	2.23	2.46	2.32	2.86	2.78	2.40	3.64	3.42	3.32	3.63
γ 158.0	2.99	2.68	2.70	2.86	2.62	3.21	2.98	2.77	3.84	3.74	3.50	3.65
γ 159.0	3.25	3.03	3.00	3.30	2.81	3.51	3.14	2.99	3.84	3.97	3.77	4.04
γ 160.0	3.41	3.21	3.26	3.60	3.18	3.95	3.34	3.30	4.12	4.20	4.13	3.93
γ 161.0	3.86	3.50	3.56	3.72	3.50	3.91	3.72	3.66	4.54	4.51	4.30	4.34
γ 162.0	4.13	3.83	3.82	4.08	3.64	4.08	4.07	3.94	4.47	4.63	4.39	4.65
γ 163.0	4.06	4.08	4.04	4.28	4.00	4.21	4.45	4.15	4.71	4.72	4.57	4.95
γ 164.0	4.08	4.33	4.13	4.22	4.30	4.55	4.75	4.46	4.91	4.75	4.60	4.70
γ 165.0	4.47	4.45	4.26	4.60	4.48	4.67	4.85	4.76	5.15	4.75	4.67	4.93
γ 166.0	4.60	4.79	4.49	4.64	4.61	5.12	5.05	4.91	5.34	4.87	4.96	5.28
γ 167.0	5.09	5.09	4.72	4.89	4.96	5.25	5.32	4.97	5.60	5.12	5.00	5.63
γ 168.0	5.43	5.19	5.00	5.20	5.03	5.29	5.43	4.90	5.66	5.39	5.15	5.66
γ 169.0	5.05	5.49	5.05	5.35	5.04	5.34	5.51	4.94	5.44	5.52	5.10	5.66
γ 170.0	5.44	5.57	5.36	5.27	5.34	5.55	5.66	5.10	5.80	5.66	5.29	5.60
γ 171.0	5.52	5.60	5.32	5.48	5.52	5.55	5.58	5.42	5.73	5.65	5.49	5.91
γ 172.0	5.67	5.86	5.44	5.74	5.68	5.66	5.49	5.55	5.96	5.81	5.66	5.61
γ 173.0	5.84	5.92	5.79	5.84	5.66	5.72	5.51	5.52	6.06	5.96	5.54	5.73
γ 174.0	5.93	5.87	5.78	5.83	5.82	5.77	5.83	5.75	6.05	6.15	5.68	5.90
γ 175.0	6.02	5.71	5.76	5.87	5.93	5.91	5.67	5.76	6.01	6.06	5.83	5.83
γ 176.0	6.20	5.84	5.89	5.97	5.88	5.93	5.91	5.71	6.39	6.06	5.82	5.75
γ 177.0	6.28	5.88	5.96	5.88	5.89	5.91	5.86	5.89	6.56	6.08	5.90	6.01
γ 178.0	6.30	5.82	5.87	6.03	5.86	6.19	5.92	5.93	6.58	6.09	6.02	6.07
γ 179.0	6.44	6.12	5.86	6.26	5.85	6.09	6.18	5.88	6.65	6.09	6.18	6.03
γ 180.0	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13	6.13
V/H	C270.0	C292.5	C315.0	C337.5								
γ 0.0	8015.72	8015.72	8015.72	8015.72								
γ 1.0	7949.82	7933.94	7923.49	7897.06								
γ 2.0	7859.92	7849.47	7844.77	7816.76								
γ 3.0	7732.97	7725.86	7728.20	7703.90								
γ 4.0	7578.40	7579.25	7584.35	7564.33								
γ 5.0	7407.22	7414.61	7429.65	7412.67								

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# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 6.0	7219.12	7231.07	7257.26	7249.05
γ 7.0	7014.50	7035.41	7072.63	7071.57
γ 8.0	6790.24	6820.39	6873.41	6876.56
γ 9.0	6536.92	6578.11	6647.68	6651.80
γ 10.0	6244.20	6298.33	6379.57	6391.11
γ 11.0	5906.90	5972.07	6070.66	6090.67
γ 12.0	5523.57	5603.13	5717.35	5751.27
γ 13.0	5101.89	5198.41	5328.71	5377.86
γ 14.0	4661.30	4750.15	4906.55	4961.89
γ 15.0	4223.66	4308.83	4464.05	4525.93
γ 16.0	3795.19	3883.08	4038.70	4101.60
γ 17.0	3372.70	3461.24	3615.38	3682.52
γ 18.0	2967.78	3052.76	3204.59	3269.95
γ 19.0	2582.36	2667.26	2805.39	2874.47
γ 20.0	2224.91	2302.93	2434.96	2499.35
γ 21.0	1897.61	1967.71	2092.64	2150.53
γ 22.0	1607.46	1670.69	1783.19	1835.33
γ 23.0	1357.83	1412.97	1511.71	1557.91
γ 24.0	1151.19	1195.70	1282.02	1321.12
γ 25.0	982.32	1018.18	1091.40	1124.73
γ 26.0	844.59	875.58	934.95	965.69
γ 27.0	734.51	760.36	809.69	837.46
γ 28.0	646.73	668.03	708.96	734.21
γ 29.0	575.91	593.36	628.21	650.99
γ 30.0	517.02	531.21	561.12	582.19
γ 31.0	467.41	478.95	504.50	523.86
γ 32.0	424.78	434.60	456.54	473.68
γ 33.0	387.06	395.75	413.99	429.68
γ 34.0	353.99	361.75	377.82	391.56
γ 35.0	324.56	331.65	346.27	358.22
γ 36.0	296.38	302.53	316.85	327.59
γ 37.0	269.64	275.16	287.71	298.00
γ 38.0	246.11	250.93	262.36	271.12
γ 39.0	225.11	229.78	239.72	248.10
γ 40.0	206.59	210.97	220.21	227.74
γ 41.0	190.20	194.37	202.36	209.68
γ 42.0	175.11	178.93	186.41	193.28
γ 43.0	160.64	164.41	170.96	177.93
γ 44.0	146.72	150.44	156.56	163.19
γ 45.0	133.09	136.97	142.53	148.84
γ 46.0	119.97	123.59	129.01	134.82
γ 47.0	107.68	111.05	115.49	121.41
γ 48.0	96.66	99.38	103.79	108.85
γ 49.0	86.78	89.22	93.26	97.65
γ 50.0	77.91	80.51	83.83	87.85
γ 51.0	70.25	72.68	75.75	79.04
γ 52.0	63.21	65.67	68.67	71.38

# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 53.0	56.11	58.54	61.47	64.31
γ 54.0	48.50	50.81	54.20	56.69
γ 55.0	41.42	43.37	46.12	48.47
γ 56.0	36.03	37.91	40.14	41.83
γ 57.0	31.86	33.58	35.55	37.10
γ 58.0	28.64	30.20	31.91	33.22
γ 59.0	26.33	27.61	29.20	30.09
γ 60.0	24.22	25.45	26.76	27.35
γ 61.0	22.48	23.81	24.70	25.04
γ 62.0	21.02	22.11	23.14	23.20
γ 63.0	19.38	20.00	21.22	21.39
γ 64.0	17.93	18.77	19.52	19.69
γ 65.0	16.54	17.43	17.93	18.13
γ 66.0	14.82	15.41	16.14	16.33
γ 67.0	13.26	14.02	14.51	14.59
γ 68.0	11.99	12.53	13.35	13.18
γ 69.0	10.90	11.43	11.91	11.83
γ 70.0	9.99	10.25	11.00	10.65
γ 71.0	8.90	9.43	9.83	9.64
γ 72.0	7.89	8.43	8.67	8.65
γ 73.0	6.94	7.34	8.03	7.82
γ 74.0	6.22	6.76	6.84	6.96
γ 75.0	5.29	5.82	6.19	5.99
γ 76.0	4.35	4.60	5.29	5.10
γ 77.0	3.74	4.12	4.30	4.34
γ 78.0	2.90	3.21	3.56	3.57
γ 79.0	1.96	2.68	2.71	2.57
γ 80.0	1.17	1.87	1.89	1.62
γ 81.0	0.43	1.23	1.10	0.89
γ 82.0	0.00	0.46	0.28	0.09
γ 83.0	0.00	0.00	0.00	0.00
γ 84.0	0.00	0.00	0.00	0.00
γ 85.0	0.00	0.00	0.00	0.00
γ 86.0	0.00	0.00	0.00	0.00
γ 87.0	0.00	0.00	0.00	0.00
γ 88.0	0.00	0.00	0.00	0.00
γ 89.0	0.00	0.00	0.00	0.00
γ 90.0	0.00	0.00	0.00	0.00
γ 91.0	0.00	0.00	0.00	0.00
γ 92.0	0.00	0.00	0.00	0.00
γ 93.0	0.00	0.00	0.00	0.00
γ 94.0	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00
γ 96.0	0.00	0.00	0.00	0.00
γ 97.0	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00

# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 100.0	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00
γ 133.0	0.00	0.00	0.00	0.00
γ 134.0	0.00	0.00	0.00	0.00
γ 135.0	0.00	0.00	0.00	0.00
γ 136.0	0.00	0.00	0.00	0.00
γ 137.0	0.00	0.00	0.00	0.00
γ 138.0	0.00	0.00	0.00	0.00
γ 139.0	0.00	0.00	0.00	0.00
γ 140.0	0.00	0.00	0.00	0.00
γ 141.0	0.00	0.00	0.00	0.00
γ 142.0	0.00	0.00	0.00	0.00
γ 143.0	0.00	0.00	0.00	0.00
γ 144.0	0.00	0.00	0.00	0.00
γ 145.0	0.20	0.17	0.13	0.00
γ 146.0	0.38	0.39	0.49	0.00

# IES Indoor Report

Photometric Filename: AT10030-30W-B(40G20F0)-4090-HK75光子-36D-YGE-700mA.IES

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 147.0	0.66	0.73	0.89	0.17
γ 148.0	0.81	1.19	0.97	0.41
γ 149.0	1.20	1.52	0.78	0.70
γ 150.0	1.56	1.66	1.34	1.03
γ 151.0	1.66	1.97	1.57	1.30
γ 152.0	2.00	2.31	1.82	1.61
γ 153.0	2.28	2.37	2.04	1.91
γ 154.0	2.61	2.79	2.39	2.13
γ 155.0	2.91	3.16	2.76	2.52
γ 156.0	2.98	3.52	3.11	2.79
γ 157.0	3.28	3.69	3.43	3.02
γ 158.0	3.43	3.73	3.48	3.26
γ 159.0	3.59	4.13	3.59	3.40
γ 160.0	3.94	4.46	4.01	3.75
γ 161.0	4.32	4.53	4.19	4.02
γ 162.0	4.62	4.66	4.31	3.99
γ 163.0	4.75	4.83	4.50	4.07
γ 164.0	4.69	5.17	4.69	4.47
γ 165.0	4.68	4.95	4.81	4.69
γ 166.0	4.88	5.17	4.59	4.63
γ 167.0	5.13	5.14	4.99	4.87
γ 168.0	5.06	5.29	5.40	5.12
γ 169.0	4.98	5.40	5.25	5.07
γ 170.0	5.24	5.50	5.56	5.26
γ 171.0	5.30	5.56	5.66	5.26
γ 172.0	5.45	5.63	5.46	5.15
γ 173.0	5.60	5.91	5.85	5.41
γ 174.0	5.65	5.93	5.85	5.68
γ 175.0	5.68	5.98	5.99	5.88
γ 176.0	5.75	5.89	5.75	6.01
γ 177.0	5.92	6.10	6.03	5.93
γ 178.0	5.81	6.23	6.19	5.89
γ 179.0	5.78	6.12	6.02	6.02
γ 180.0	6.13	6.13	6.13	6.13