

IES Indoor Report

Photometric Filename: AC10012-10W-3000K RA90-24D-WH IES.IES

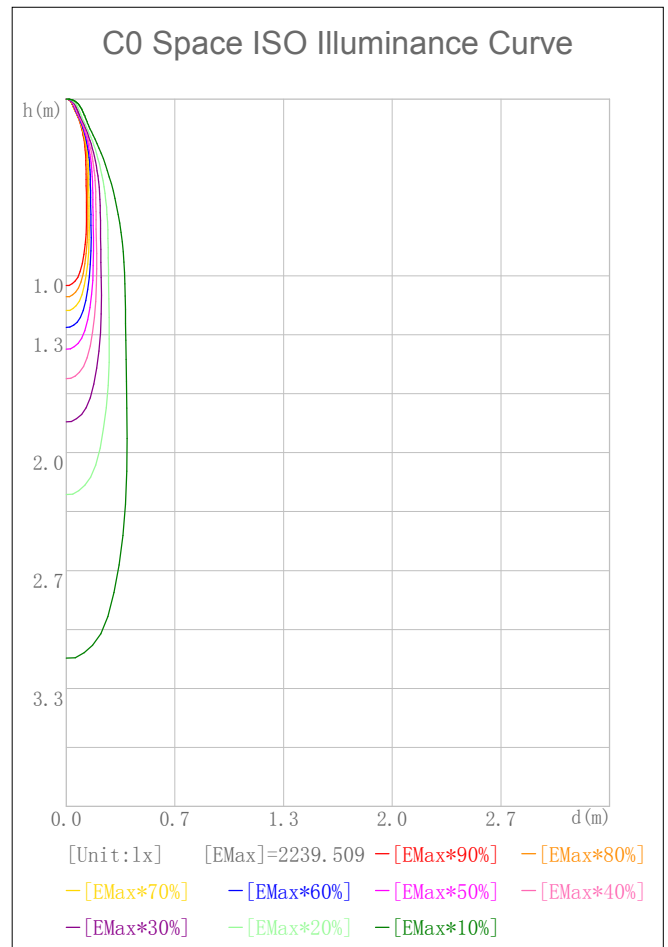
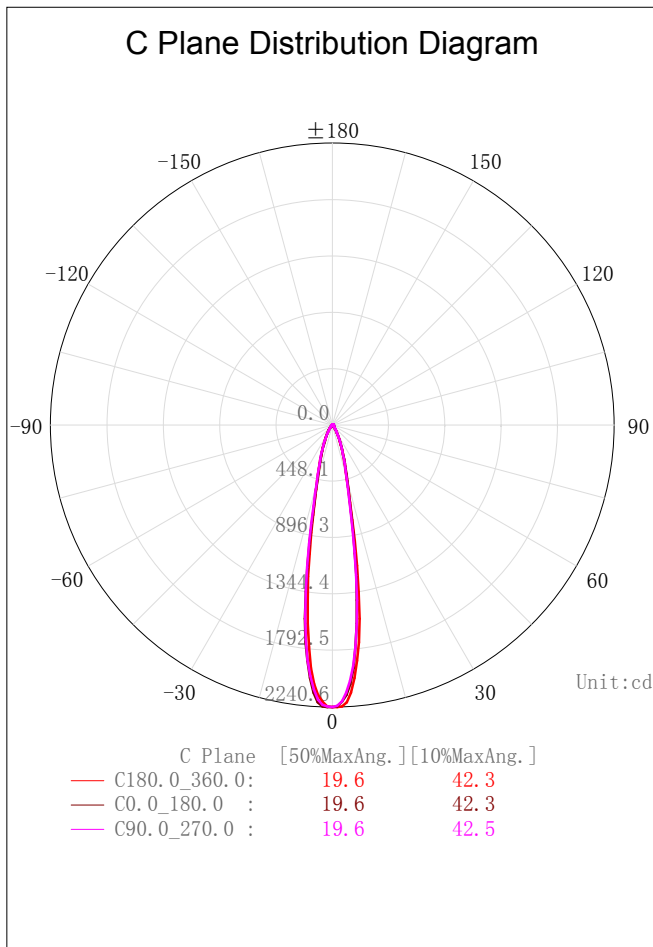
Indoor Luminaire Photometric Data

Description Information

Luminary Name: AC10012-10W-3000K RA90-24D-WH-IES		Lum. Catalog: 吸顶灯	Test ID:
Lamp Name: 30G0801-A-13		Lamp Catalog: COB	Test Date: 2022/06/30
Manufacture:		Shld. Ang(°): 24	Test Machine: GON-2000
Test Lab: Test		Frequency(Hz): 50	Lamp CCT(K): 3000 Ra: 90
Lum. Size (W*L*H): 0.000m*0.000m*0.000m		Lum. Area (m2): 0.000	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ =1.0	Temp. (°C): 25	Humidity (%): 50.0

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 450.000	Luminary Flux(lm): 413.278	Field Angle(10%Imax): 42.3(°)	
Rated Power(W): 10	Luminary Efficiency: 91.84%	Down Lumens&Percent: 404.256lm 97.82%	
Rated Voltage(V): 220	Luminary EER(lm/W): 44.319	Up Lumens&Percent: 9.021lm 2.18%	
Tested Power(W): 9.325	Max. Candela(cd): 2240.650	S/MH: C0_a180=0.337 C90_270=0.337	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ =1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf): 220.4, 0.078, 0.541	Beam Angle(50%Imax): 19.6(°)	ErP Φ use(90°): 391.340lm	
Lamp Size(W*L*H): 0.000m*0.000m*0.000m	Left=-9.5°, Right=10.1°	IRF (%): 1148.120	



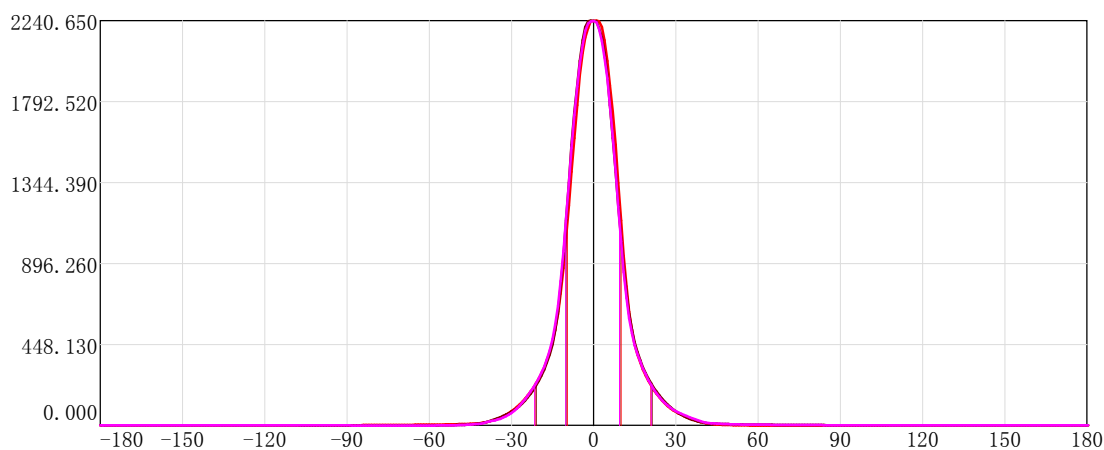
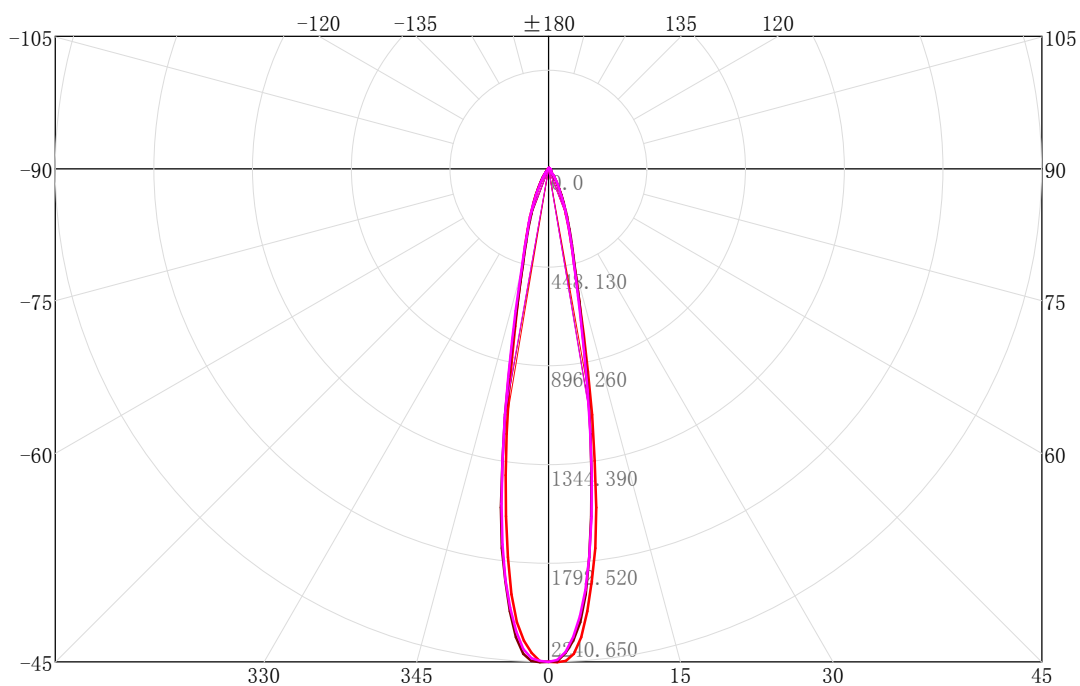
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2D Plane Light Intensity Distribution Curve

Lum. Name: AC10012-10W-3000K RA90-24D-WH-IES	Lum. Catalog: 吸顶灯	Test ID:
Lamp Name: 30G0801-A-13	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2022/06/30

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C180.0_360.0:	19.6	42.3	
—	C0.0_180.0 :	19.6	42.3	
—	C90.0_270.0 :	19.6	42.5	

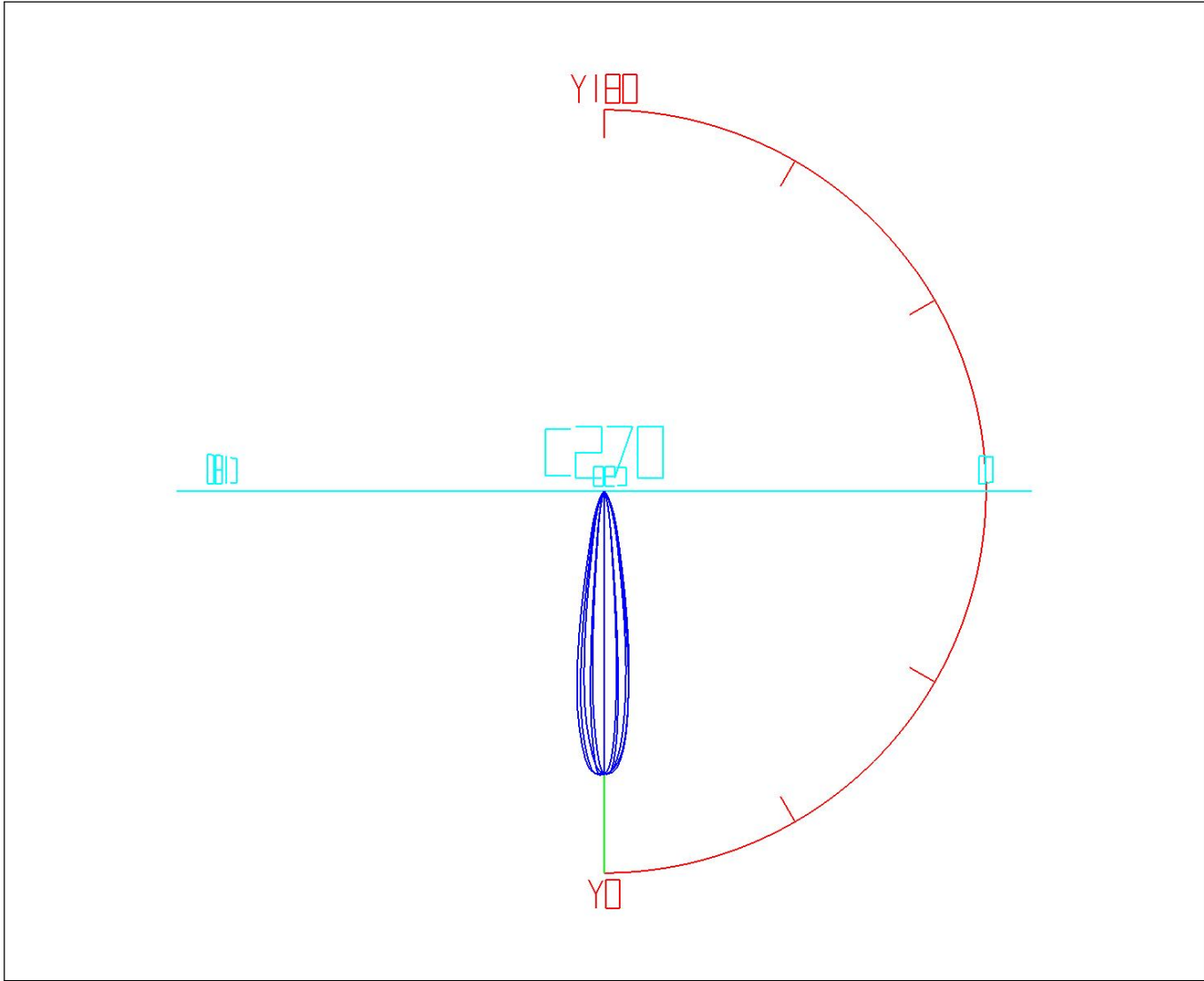
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3D Light Intensity Distribution Modal

Lum. Name: AC10012-10W-3000K RA90-24D-WH-IES	Lum. Catalog: 吸顶灯	Test ID:
Lamp Name: 30G0801-A-13	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2022/06/30

3D Light Intensity Distribution Modal



Curves: 3D Model ——— Fixture ——— Vert. HUD ——— Hori. HUD ———
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

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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	2.14	2.14	0.48	0.48	47.0-48.0	0.51	393.94	0.11	87.54
1.0-2.0	6.38	8.52	1.42	1.89	48.0-49.0	0.47	394.42	0.10	87.65
2.0-3.0	10.45	18.97	2.32	4.22	49.0-50.0	0.44	394.85	0.10	87.75
3.0-4.0	14.16	33.14	3.15	7.36	50.0-51.0	0.41	395.26	0.09	87.84
4.0-5.0	17.35	50.49	3.86	11.22	51.0-52.0	0.38	395.64	0.08	87.92
5.0-6.0	19.86	70.35	4.41	15.63	52.0-53.0	0.36	396.00	0.08	88.00
6.0-7.0	21.57	91.92	4.79	20.43	53.0-54.0	0.34	396.34	0.08	88.07
7.0-8.0	22.34	114.26	4.96	25.39	54.0-55.0	0.33	396.66	0.07	88.15
8.0-9.0	22.20	136.46	4.93	30.32	55.0-56.0	0.31	396.97	0.07	88.22
9.0-10.0	21.28	157.74	4.73	35.05	56.0-57.0	0.30	397.28	0.07	88.28
10.0-11.0	19.81	177.56	4.40	39.46	57.0-58.0	0.29	397.57	0.07	88.35
11.0-12.0	18.06	195.62	4.01	43.47	58.0-59.0	0.28	397.85	0.06	88.41
12.0-13.0	16.33	211.95	3.63	47.10	59.0-60.0	0.28	398.13	0.06	88.47
13.0-14.0	14.83	226.78	3.30	50.40	60.0-61.0	0.27	398.39	0.06	88.53
14.0-15.0	13.64	240.42	3.03	53.43	61.0-62.0	0.26	398.65	0.06	88.59
15.0-16.0	12.68	253.10	2.82	56.24	62.0-63.0	0.25	398.91	0.06	88.65
16.0-17.0	11.87	264.97	2.64	58.88	63.0-64.0	0.25	399.15	0.05	88.70
17.0-18.0	11.15	276.13	2.48	61.36	64.0-65.0	0.24	399.39	0.05	88.75
18.0-19.0	10.49	286.62	2.33	63.69	65.0-66.0	0.23	399.63	0.05	88.81
19.0-20.0	9.86	296.48	2.19	65.88	66.0-67.0	0.23	399.85	0.05	88.86
20.0-21.0	9.25	305.72	2.06	67.94	67.0-68.0	0.22	400.08	0.05	88.91
21.0-22.0	8.65	314.37	1.92	69.86	68.0-69.0	0.22	400.29	0.05	88.95
22.0-23.0	8.05	322.42	1.79	71.65	69.0-70.0	0.21	400.51	0.05	89.00
23.0-24.0	7.46	329.87	1.66	73.31	70.0-71.0	0.21	400.72	0.05	89.05
24.0-25.0	6.87	336.75	1.53	74.83	71.0-72.0	0.20	400.92	0.05	89.09
25.0-26.0	6.31	343.06	1.40	76.23	72.0-73.0	0.20	401.12	0.04	89.14
26.0-27.0	5.77	348.83	1.28	77.52	73.0-74.0	0.20	401.32	0.04	89.18
27.0-28.0	5.26	354.09	1.17	78.69	74.0-75.0	0.19	401.51	0.04	89.23
28.0-29.0	4.78	358.87	1.06	79.75	75.0-76.0	0.19	401.71	0.04	89.27
29.0-30.0	4.34	363.22	0.97	80.71	76.0-77.0	0.19	401.90	0.04	89.31
30.0-31.0	3.93	367.15	0.87	81.59	77.0-78.0	0.19	402.08	0.04	89.35
31.0-32.0	3.54	370.68	0.79	82.37	78.0-79.0	0.19	402.27	0.04	89.39
32.0-33.0	3.18	373.86	0.71	83.08	79.0-80.0	0.19	402.46	0.04	89.43
33.0-34.0	2.85	376.72	0.63	83.71	80.0-81.0	0.18	402.64	0.04	89.48
34.0-35.0	2.56	379.27	0.57	84.28	81.0-82.0	0.18	402.82	0.04	89.52
35.0-36.0	2.28	381.55	0.51	84.79	82.0-83.0	0.18	403.01	0.04	89.56
36.0-37.0	2.01	383.56	0.45	85.24	83.0-84.0	0.18	403.19	0.04	89.60
37.0-38.0	1.76	385.31	0.39	85.63	84.0-85.0	0.18	403.37	0.04	89.64
38.0-39.0	1.52	386.83	0.34	85.96	85.0-86.0	0.18	403.55	0.04	89.68
39.0-40.0	1.28	388.12	0.29	86.25	86.0-87.0	0.18	403.73	0.04	89.72
40.0-41.0	1.07	389.19	0.24	86.49	87.0-88.0	0.18	403.91	0.04	89.76
41.0-42.0	0.91	390.10	0.20	86.69	88.0-89.0	0.18	404.08	0.04	89.80
42.0-43.0	0.80	390.90	0.18	86.87	89.0-90.0	0.17	404.26	0.04	89.83
43.0-44.0	0.72	391.62	0.16	87.03	90.0-91.0	0.17	404.43	0.04	89.87
44.0-45.0	0.66	392.28	0.15	87.17	91.0-92.0	0.17	404.60	0.04	89.91
45.0-46.0	0.60	392.88	0.13	87.31	92.0-93.0	0.17	404.77	0.04	89.95
46.0-47.0	0.55	393.43	0.12	87.43	93.0-94.0	0.17	404.93	0.04	89.99

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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	0.16	405.10	0.04	90.02	141.0-142.0	0.09	410.83	0.02	91.30
95.0-96.0	0.16	405.26	0.04	90.06	142.0-143.0	0.09	410.92	0.02	91.32
96.0-97.0	0.16	405.42	0.04	90.09	143.0-144.0	0.09	411.01	0.02	91.34
97.0-98.0	0.16	405.57	0.03	90.13	144.0-145.0	0.09	411.10	0.02	91.36
98.0-99.0	0.15	405.73	0.03	90.16	145.0-146.0	0.09	411.18	0.02	91.37
99.0-100.0	0.15	405.88	0.03	90.20	146.0-147.0	0.09	411.27	0.02	91.39
100.0-101.0	0.15	406.03	0.03	90.23	147.0-148.0	0.09	411.36	0.02	91.41
101.0-102.0	0.15	406.17	0.03	90.26	148.0-149.0	0.09	411.45	0.02	91.43
102.0-103.0	0.15	406.32	0.03	90.29	149.0-150.0	0.09	411.53	0.02	91.45
103.0-104.0	0.14	406.46	0.03	90.33	150.0-151.0	0.09	411.62	0.02	91.47
104.0-105.0	0.14	406.61	0.03	90.36	151.0-152.0	0.09	411.71	0.02	91.49
105.0-106.0	0.14	406.75	0.03	90.39	152.0-153.0	0.09	411.80	0.02	91.51
106.0-107.0	0.14	406.89	0.03	90.42	153.0-154.0	0.09	411.88	0.02	91.53
107.0-108.0	0.14	407.02	0.03	90.45	154.0-155.0	0.09	411.97	0.02	91.55
108.0-109.0	0.14	407.16	0.03	90.48	155.0-156.0	0.09	412.06	0.02	91.57
109.0-110.0	0.14	407.30	0.03	90.51	156.0-157.0	0.09	412.14	0.02	91.59
110.0-111.0	0.13	407.43	0.03	90.54	157.0-158.0	0.09	412.23	0.02	91.61
111.0-112.0	0.13	407.56	0.03	90.57	158.0-159.0	0.08	412.31	0.02	91.63
112.0-113.0	0.13	407.69	0.03	90.60	159.0-160.0	0.08	412.40	0.02	91.64
113.0-114.0	0.13	407.82	0.03	90.63	160.0-161.0	0.08	412.48	0.02	91.66
114.0-115.0	0.13	407.95	0.03	90.66	161.0-162.0	0.08	412.55	0.02	91.68
115.0-116.0	0.13	408.08	0.03	90.68	162.0-163.0	0.07	412.63	0.02	91.70
116.0-117.0	0.13	408.21	0.03	90.71	163.0-164.0	0.07	412.70	0.02	91.71
117.0-118.0	0.12	408.33	0.03	90.74	164.0-165.0	0.07	412.77	0.02	91.73
118.0-119.0	0.12	408.45	0.03	90.77	165.0-166.0	0.06	412.83	0.01	91.74
119.0-120.0	0.12	408.58	0.03	90.79	166.0-167.0	0.06	412.89	0.01	91.75
120.0-121.0	0.12	408.70	0.03	90.82	167.0-168.0	0.06	412.95	0.01	91.77
121.0-122.0	0.12	408.81	0.03	90.85	168.0-169.0	0.05	413.00	0.01	91.78
122.0-123.0	0.12	408.93	0.03	90.87	169.0-170.0	0.05	413.05	0.01	91.79
123.0-124.0	0.11	409.04	0.03	90.90	170.0-171.0	0.04	413.09	0.01	91.80
124.0-125.0	0.11	409.16	0.02	90.92	171.0-172.0	0.04	413.13	0.01	91.81
125.0-126.0	0.11	409.27	0.02	90.95	172.0-173.0	0.03	413.17	0.01	91.81
126.0-127.0	0.11	409.37	0.02	90.97	173.0-174.0	0.03	413.20	0.01	91.82
127.0-128.0	0.11	409.48	0.02	91.00	174.0-175.0	0.02	413.22	0.01	91.83
128.0-129.0	0.11	409.59	0.02	91.02	175.0-176.0	0.02	413.24	0.00	91.83
129.0-130.0	0.10	409.69	0.02	91.04	176.0-177.0	0.02	413.26	0.00	91.84
130.0-131.0	0.10	409.79	0.02	91.07	177.0-178.0	0.01	413.27	0.00	91.84
131.0-132.0	0.10	409.89	0.02	91.09	178.0-179.0	0.01	413.28	0.00	91.84
132.0-133.0	0.10	409.99	0.02	91.11	179.0-180.0	0.00	413.28	0.00	91.84
133.0-134.0	0.10	410.09	0.02	91.13					
134.0-135.0	0.10	410.19	0.02	91.15					
135.0-136.0	0.10	410.28	0.02	91.17					
136.0-137.0	0.09	410.38	0.02	91.20					
137.0-138.0	0.09	410.47	0.02	91.22					
138.0-139.0	0.09	410.56	0.02	91.24					
139.0-140.0	0.09	410.65	0.02	91.26					
140.0-141.0	0.09	410.74	0.02	91.28					

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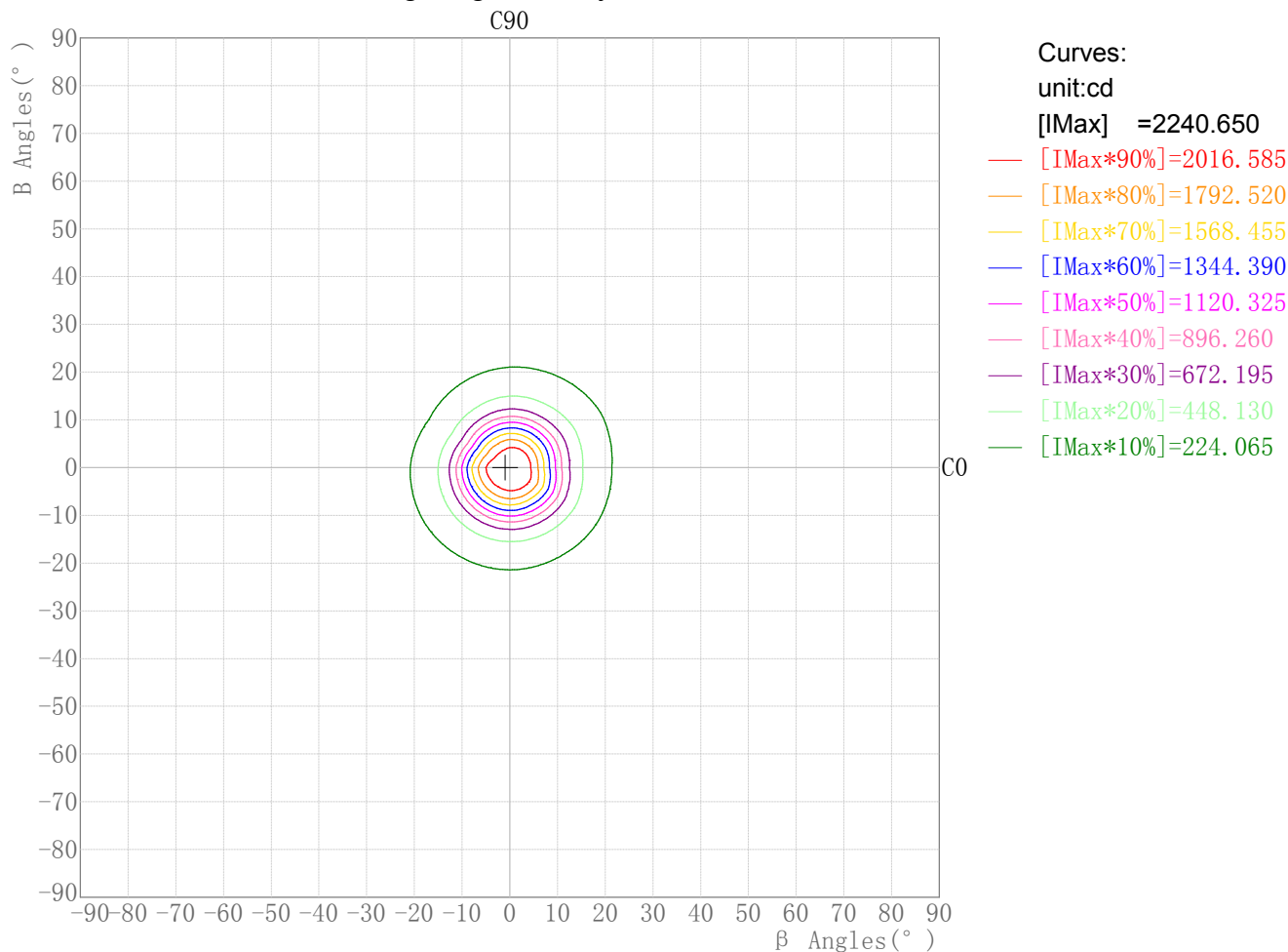
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Rectangle ISO Lighting Intensity Diagram

Lum. Name: AC10012-10W-3000K RA90-24D-WH-IES	Lum. Catalog: 吸顶灯	Test ID:
Lamp Name: 30G0801-A-13	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2022/06/30

ISO Lighting Intensity Curve



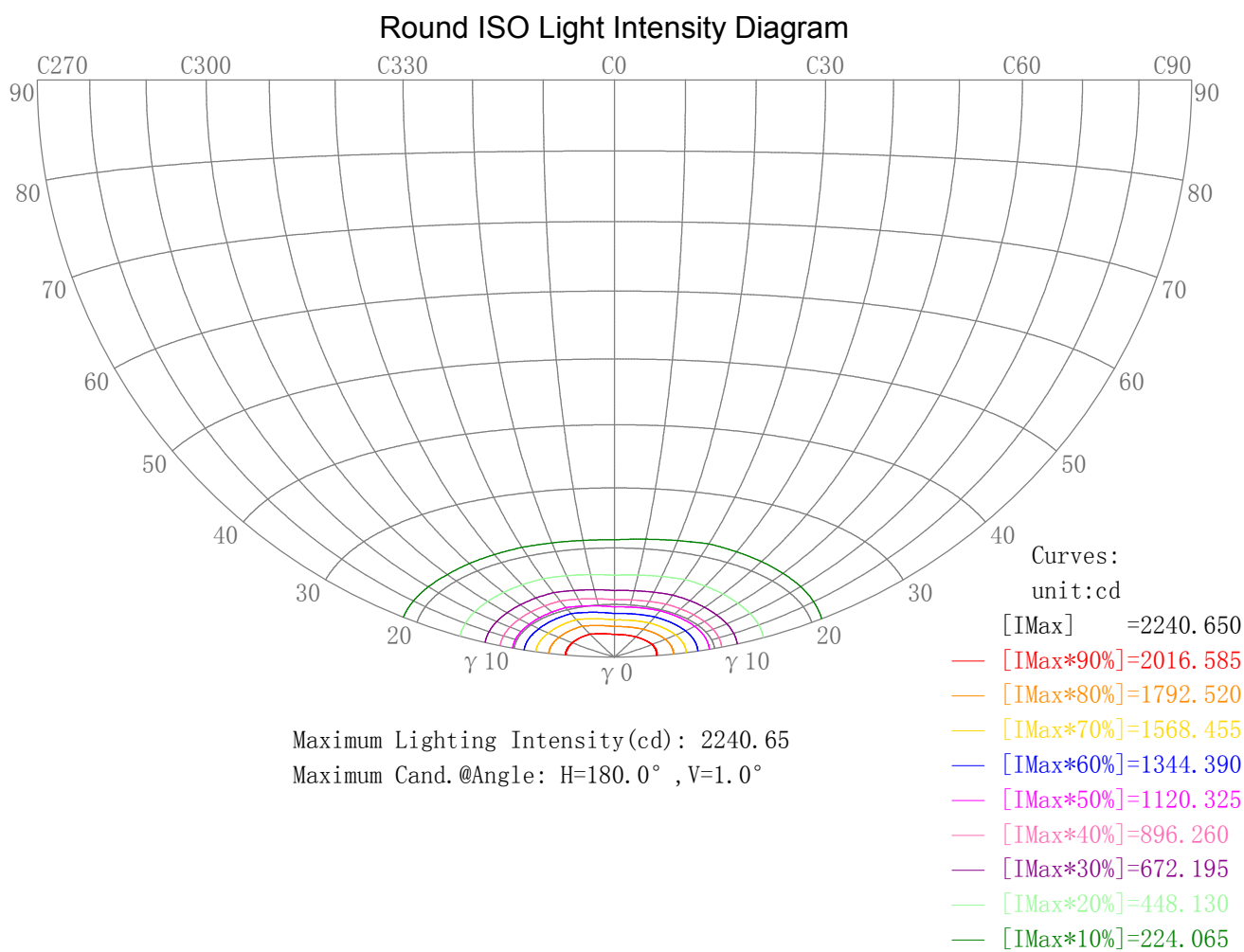
Maximum Light Intensity(cd): 2240.65
Maximum Cand.@Angle: H=-1.0°,V=0.0°

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Round ISO Lighting Intensity Diagram

Lum. Name: AC10012-10W-3000K RA90-24D-WH-IES	Lum. Catalog: 吸顶灯	Test ID:
Lamp Name: 30G0801-A-13	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2022/06/30



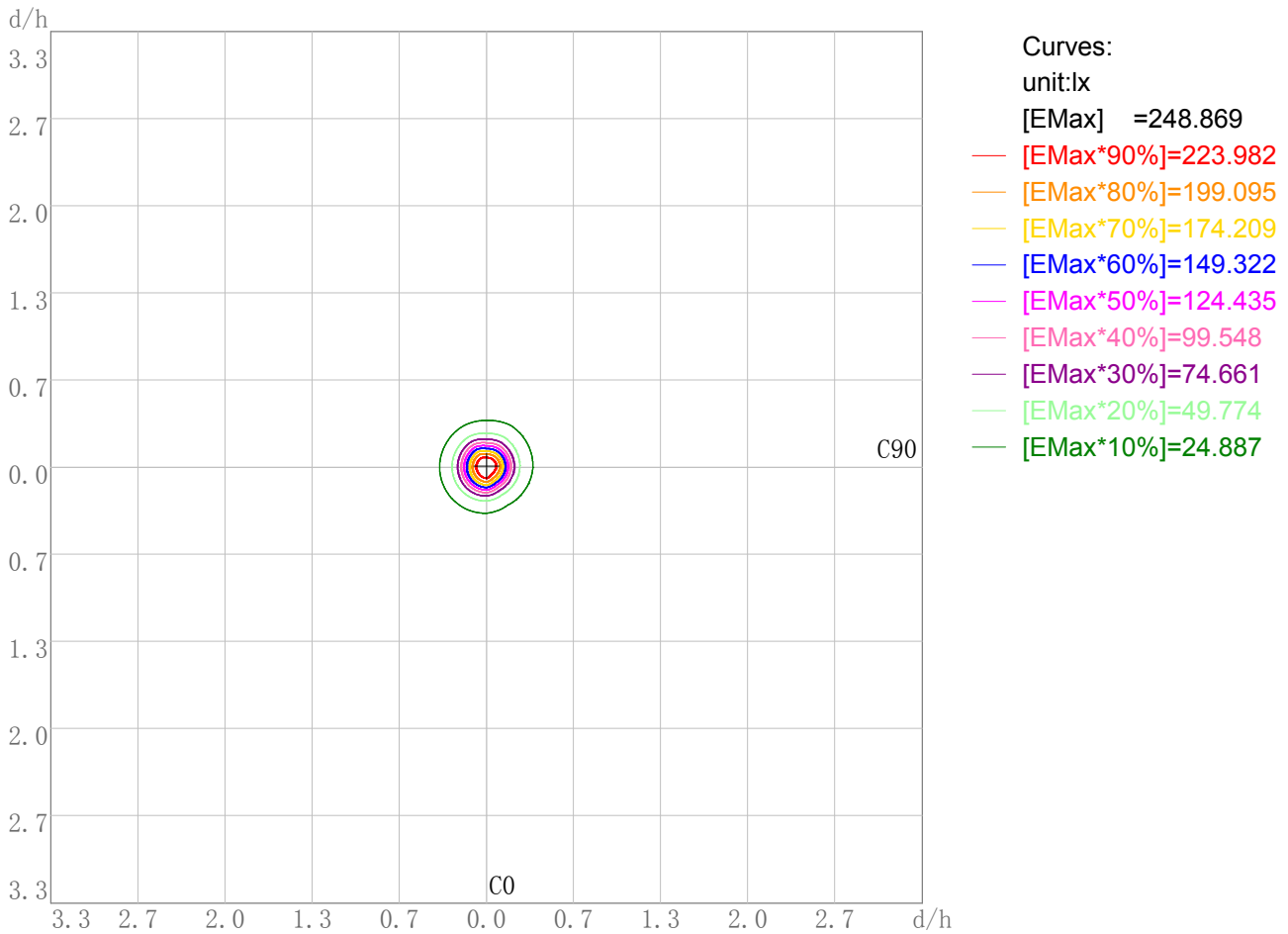
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Plane ISO-Illuminance Diagram

Lum. Name: AC10012-10W-3000K RA90-24D-WH-IES	Lum. Catalog: 吸顶灯	Test ID:
Lamp Name: 30G0801-A-13	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2022/06/30

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 248.87

Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

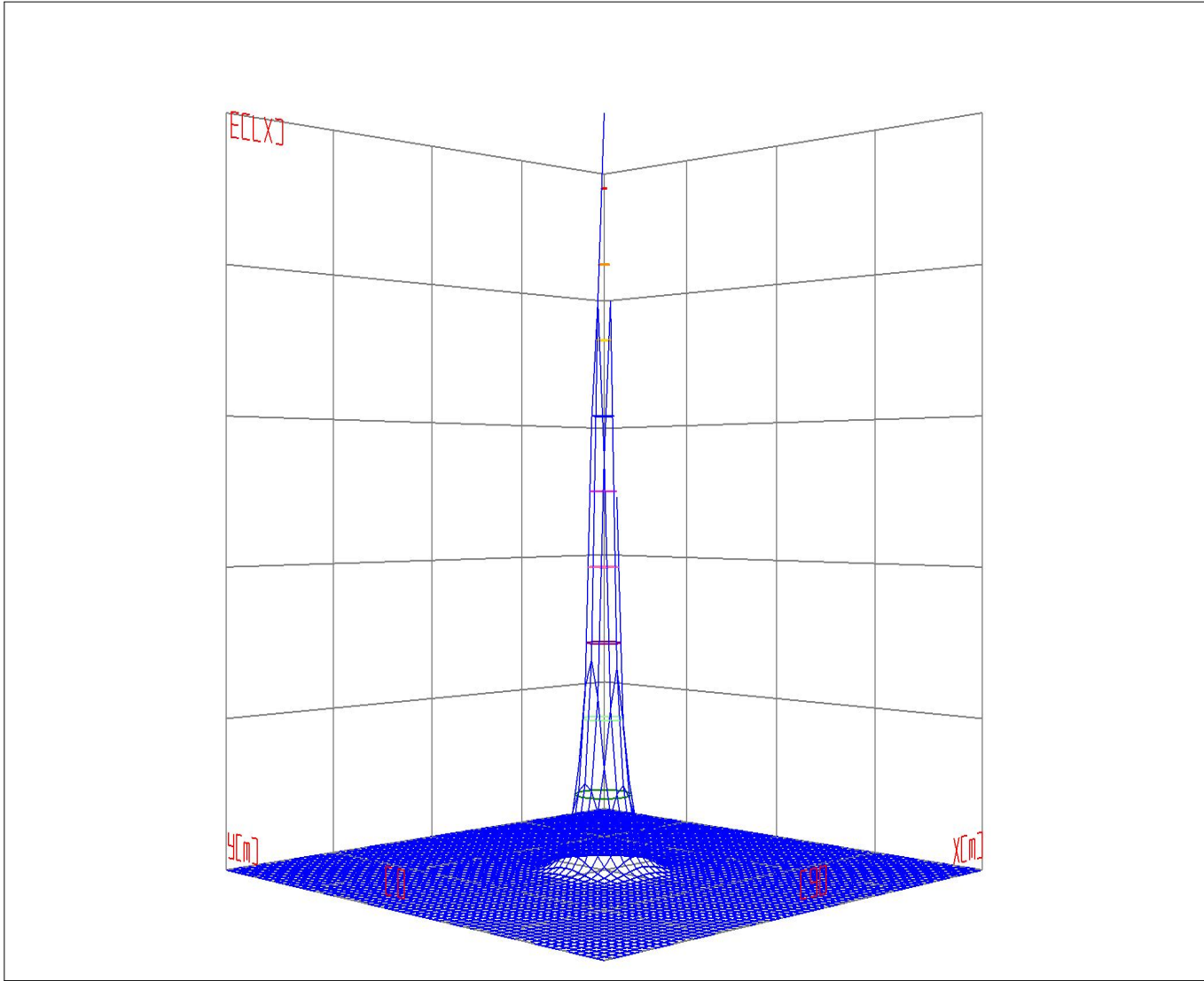
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3D Plane ISO Illuminance Diagram

Lum. Name: AC10012-10W-3000K RA90-24D-WH-IES	Lum. Catalog: 吸顶灯	Test ID:
Lamp Name: 30G0801-A-13	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2022/06/30

3D Plane Illuminance Modal



Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

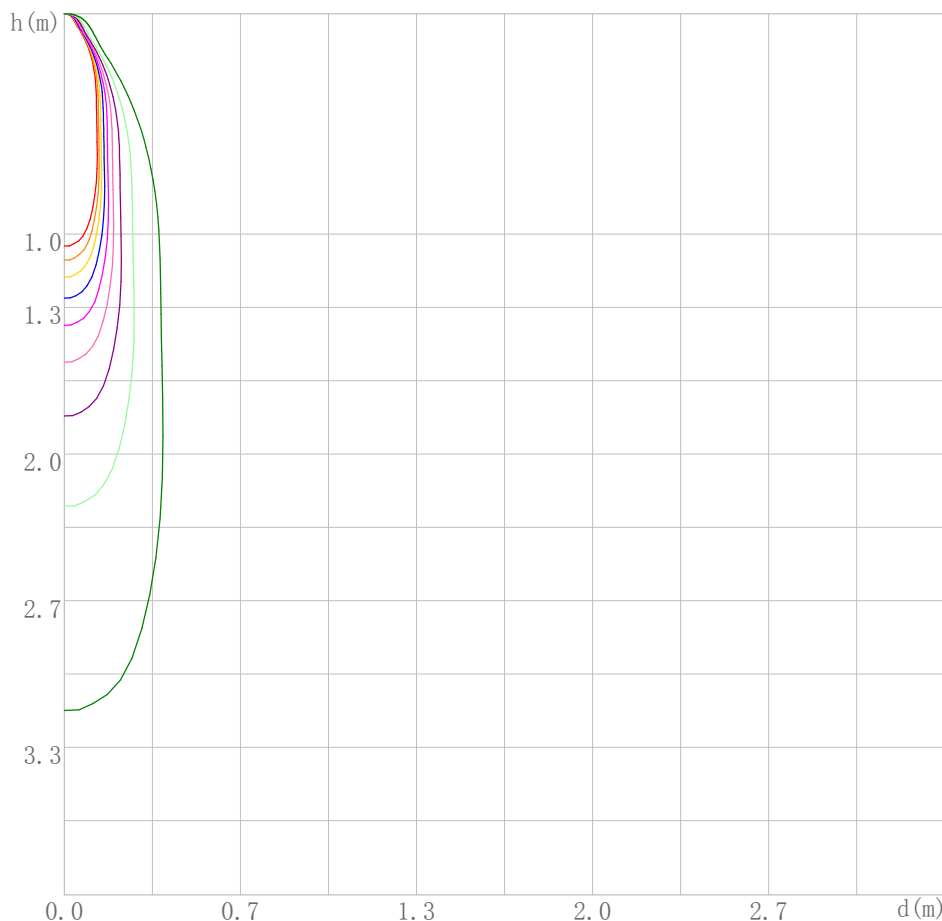
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Space ISO Illuminance Diagram

Lum. Name: AC10012-10W-3000K RA90-24D-WH-IES	Lum. Catalog: 吸顶灯	Test ID:
Lamp Name: 30G0801-A-13	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2022/06/30

Space ISO Illuminance Curve



- Curves:
[Unit: lx]
[EMax] =2239.509
- [EMax*90%]=2015.558
 - [EMax*80%]=1791.607
 - [EMax*70%]=1567.656
 - [EMax*60%]=1343.705
 - [EMax*50%]=1119.755
 - [EMax*40%]=895.804
 - [EMax*30%]=671.853
 - [EMax*20%]=447.902
 - [EMax*10%]=223.951

Space Plane Maximum Illuminance and @Angle:2239.51lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:2239.509cd,0deg

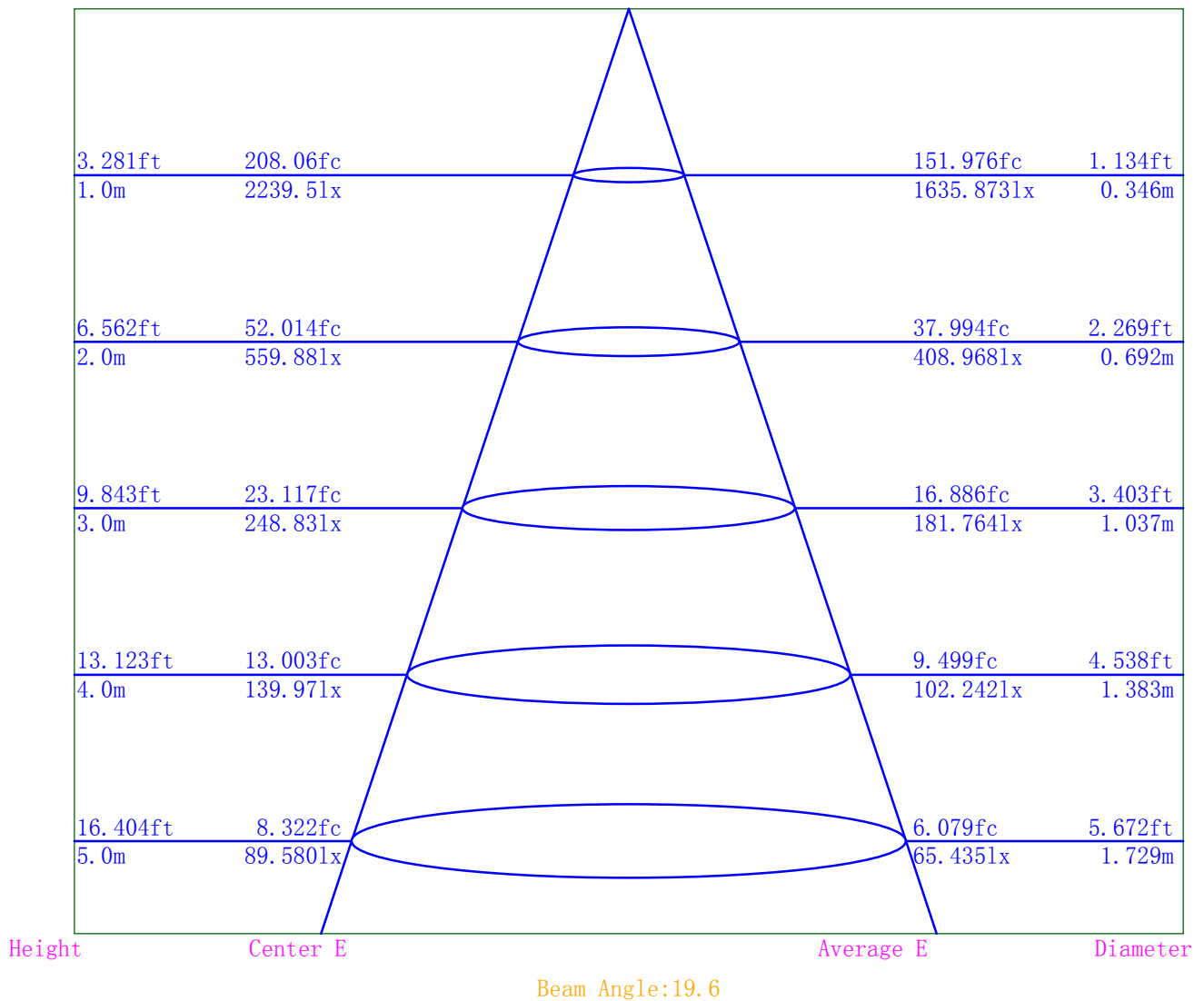
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Illuminance-Distance Diagram

Lum. Name: AC10012-10W-3000K RA90-24D-WH-IES	Lum. Catalog: 吸顶灯	Test ID:
Lamp Name: 30G0801-A-13	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2022/06/30

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename: AC10012-10W-3000K RA90-24D-WH IES.IES

Indoor Luminance Limiting Curves

Lum. Name: AC10012-10W-3000K RA90-24D-WH-IES	Lum. Catalog: 吸顶灯	Test ID:
Lamp Name: 30G0801-A-13	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2022/06/30

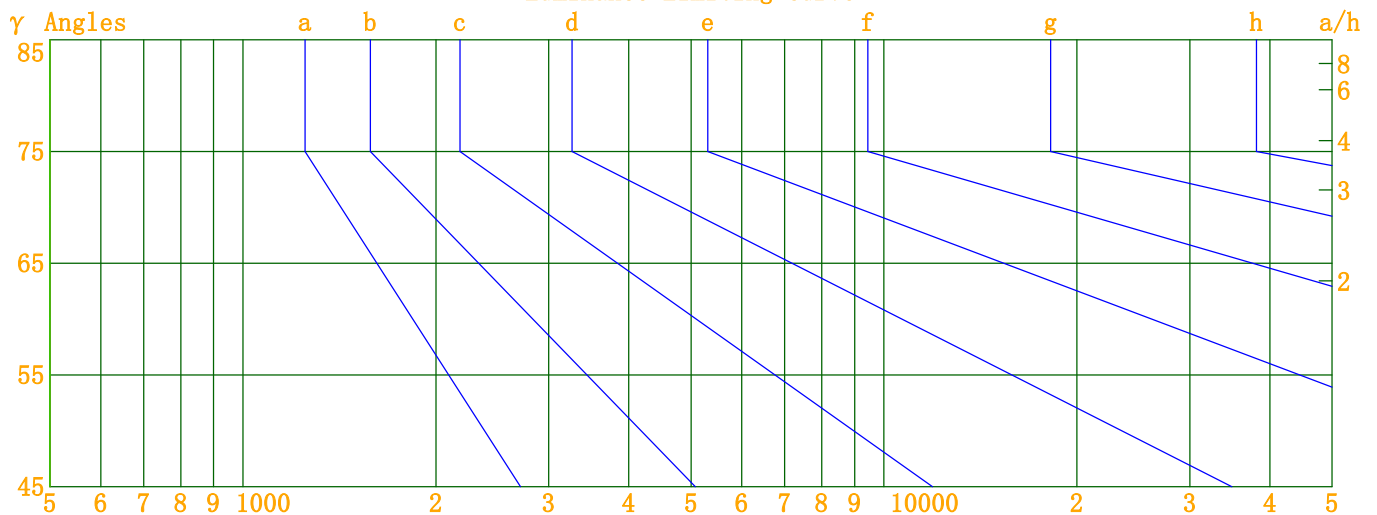
Glare Grade Table

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	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

Luminance Limiting Curve



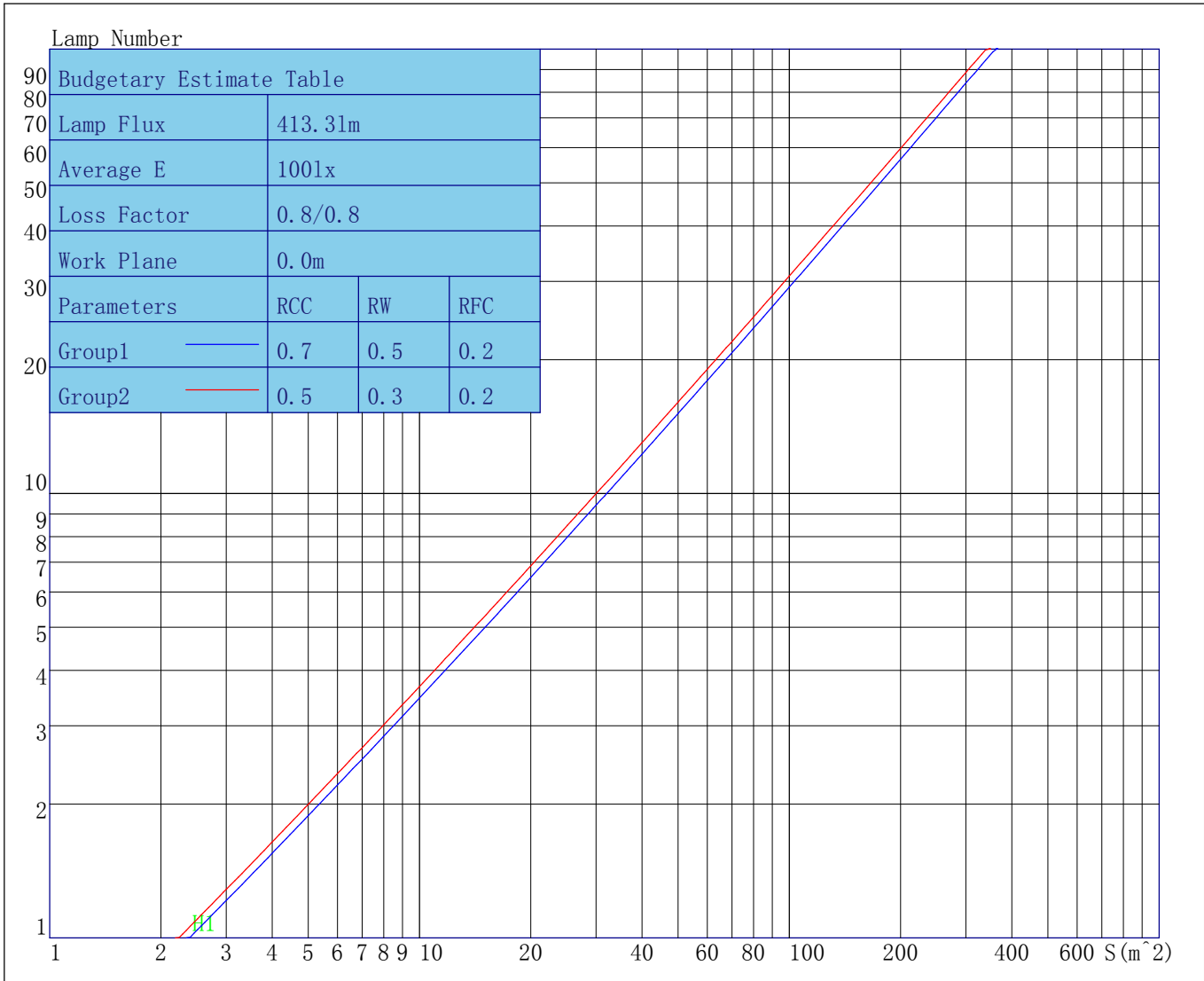
Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m^2)=0.000000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename: AC10012-10W-3000K RA90-24D-WH IES.IES

Indoor Budgetary Estimate Table

Lum. Name: AC10012-10W-3000K RA90-24D-WH-IES	Lum. Catalog: 吸顶灯	Test ID:
Lamp Name: 30G0801-A-13	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2022/06/30



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
 Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
 Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

IES Indoor Report

Photometric Filename: AC10012-10W-3000K RA90-24D-WH IES.IES

Indoor Coefficient of Utilization Table

Lum. Name: AC10012-10W-3000K RA90-24D-WH-IES	Lum. Catalog: 吸顶灯	Test ID:
Lamp Name: 30G0801-A-13	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2022/06/30

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

IES Indoor Report

Photometric Filename:AC10012-10W-3000K RA90-24D-WH IES.IES

Unified Glare Rating Table

Lum. Name: AC10012-10W-3000K RA90-24D-WH-IES	Lum. Catalog: 吸顶灯	Test ID:
Lamp Name: 30G0801-A-13	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2022/06/30

Unified Glare Rating Table

Ceiling RCC	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30	
Wall RW	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30	
Floor RFC	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
Room Size	Vewed crosswise					Vewed endwise					
X=2H	Y=2H	-3.5	-2.8	-3.1	-2.4	-2.0	-3.5	-2.8	-3.1	-2.4	-2.0
	Y=3H	-3.7	-3.1	-3.3	-2.7	-2.3	-3.7	-3.1	-3.3	-2.7	-2.3
	Y=4H	-3.8	-3.2	-3.4	-2.8	-2.4	-3.8	-3.2	-3.4	-2.8	-2.4
	Y=6H	-3.9	-3.4	-3.5	-3.0	-2.6	-3.9	-3.4	-3.5	-3.0	-2.6
	Y=8H	-4.0	-3.5	-3.5	-3.1	-2.6	-4.0	-3.5	-3.5	-3.1	-2.6
	Y=12H	-4.1	-3.6	-3.6	-3.2	-2.7	-4.1	-3.6	-3.6	-3.2	-2.7
X=4H	Y=2H	-3.8	-3.2	-3.4	-2.8	-2.4	-3.8	-3.2	-3.4	-2.8	-2.4
	Y=3H	-4.0	-3.6	-3.6	-3.1	-2.7	-4.0	-3.6	-3.6	-3.1	-2.7
	Y=4H	-4.2	-3.8	-3.7	-3.3	-2.8	-4.2	-3.8	-3.7	-3.3	-2.8
	Y=6H	-4.3	-4.0	-3.8	-3.5	-3.0	-4.3	-4.0	-3.8	-3.5	-3.0
	Y=8H	-4.4	-4.1	-3.8	-3.6	-3.1	-4.4	-4.1	-3.8	-3.6	-3.1
	Y=12H	-4.4	-4.2	-3.9	-3.7	-3.2	-4.4	-4.2	-3.9	-3.7	-3.2
X=8H	Y=4H	-4.4	-4.1	-3.8	-3.6	-3.1	-4.4	-4.1	-3.8	-3.6	-3.1
	Y=6H	-4.5	-4.3	-3.9	-3.8	-3.2	-4.5	-4.3	-3.9	-3.8	-3.2
	Y=8H	-4.5	-4.4	-3.9	-3.9	-3.3	-4.5	-4.4	-3.9	-3.9	-3.3
	Y=12H	-4.6	-4.5	-4.0	-4.0	-3.3	-4.6	-4.5	-4.0	-4.0	-3.3
X=12H	Y=4H	-4.4	-4.2	-3.9	-3.7	-3.2	-4.4	-4.2	-3.9	-3.7	-3.2
	Y=6H	-4.5	-4.4	-3.9	-3.9	-3.3	-4.5	-4.4	-3.9	-3.9	-3.3
	Y=8H	-4.6	-4.5	-4.0	-4.0	-3.3	-4.6	-4.5	-4.0	-4.0	-3.3
Variations with the objverer position at spacings											
	S=1.0H	0.0/0.0					0.0/0.0				
	S=1.5H	0.0/0.0					0.0/0.0				
	S=2.0H	0.0/0.0					0.0/0.0				
Reduced UGR Table:											
Nordic Standard Table:	BKO					BKO					
Correction Value	0.0					0.0					

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: AC10012-10W-3000K RA90-24D-WH IES.IES

Candela Tabulation

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 0.0	2239.51	2239.51	2239.51	2239.51	2239.51	2239.51	2239.51	2239.51	2239.51	2239.51	2239.51	2239.51
γ 1.0	2236.93	2240.49	2233.67	2231.10	2226.27	2228.52	2240.65	2238.59	2236.32	2235.51	2231.60	2230.78
γ 2.0	2199.93	2213.98	2208.94	2194.97	2179.68	2187.08	2236.33	2228.16	2228.86	2224.55	2216.50	2217.31
γ 3.0	2146.35	2158.29	2152.67	2128.06	2095.89	2103.67	2205.94	2187.86	2186.25	2184.60	2176.85	2179.18
γ 4.0	2063.20	2070.43	2063.80	2036.94	1989.04	1993.32	2132.17	2105.16	2097.05	2106.24	2107.11	2110.71
γ 5.0	1939.07	1946.13	1944.97	1921.33	1870.56	1873.42	2017.56	1992.59	1980.51	2001.32	2011.33	2017.64
γ 6.0	1773.18	1796.54	1793.21	1773.50	1726.05	1724.35	1883.55	1866.60	1852.63	1874.94	1883.25	1895.40
γ 7.0	1589.94	1629.38	1619.34	1597.32	1547.88	1533.91	1736.39	1715.29	1700.01	1718.33	1719.38	1743.00
γ 8.0	1404.73	1448.27	1432.57	1407.17	1349.65	1322.66	1553.53	1530.01	1520.13	1536.02	1535.58	1570.84
γ 9.0	1218.87	1262.99	1240.51	1211.08	1150.39	1110.89	1342.47	1327.91	1321.92	1341.91	1345.46	1386.44
γ 10.0	1037.92	1080.86	1050.35	1019.37	962.91	919.48	1134.64	1128.89	1124.52	1147.95	1156.81	1197.03
γ 11.0	871.83	911.50	873.51	847.66	795.35	754.69	939.55	944.81	940.88	963.86	976.80	1013.32
γ 12.0	730.43	766.83	725.74	704.97	655.87	621.92	769.90	780.90	778.87	798.93	814.09	846.73
γ 13.0	618.29	651.72	609.95	593.17	548.80	522.98	630.19	644.91	647.82	663.13	678.43	706.22
γ 14.0	531.04	562.38	524.05	509.32	470.22	450.23	526.02	541.41	549.06	558.77	572.07	595.86
γ 15.0	462.16	491.61	459.69	446.16	410.64	393.60	450.69	464.66	473.33	479.15	490.28	510.66
γ 16.0	406.52	433.99	408.05	395.84	362.64	346.58	393.81	405.77	413.90	417.13	425.74	442.61
γ 17.0	361.38	386.10	365.14	353.51	322.47	306.40	348.09	358.38	365.06	367.51	373.85	387.12
γ 18.0	322.89	345.56	327.67	316.14	287.94	271.48	309.54	318.70	323.98	326.58	330.75	341.11
γ 19.0	289.40	310.53	294.30	282.56	257.68	240.91	276.31	284.64	288.54	291.98	293.73	302.18
γ 20.0	259.83	279.82	264.15	252.24	230.63	214.05	247.32	254.69	257.79	261.75	260.93	268.46
γ 21.0	233.47	252.48	237.03	224.81	206.03	190.14	220.92	227.85	230.24	234.63	231.41	238.59
γ 22.0	209.53	227.65	212.53	200.08	183.48	168.27	197.03	203.87	205.96	209.99	204.84	212.00
γ 23.0	187.40	204.78	190.33	177.69	162.84	148.57	175.01	182.24	183.50	187.06	180.91	187.93
γ 24.0	166.91	183.53	169.67	157.37	143.96	130.89	155.53	162.63	162.96	165.50	159.06	166.20
γ 25.0	148.10	163.59	150.74	139.41	127.17	115.38	137.94	145.17	144.12	145.29	139.33	146.45
γ 26.0	131.27	144.96	133.61	124.02	112.63	101.67	122.03	129.81	127.24	126.76	121.75	128.58
γ 27.0	116.25	127.79	118.23	110.76	99.78	89.16	108.08	116.19	112.06	109.86	105.72	112.72
γ 28.0	102.60	112.13	104.30	99.09	88.72	78.22	95.88	103.77	98.32	94.24	91.20	98.74
γ 29.0	90.28	97.97	91.99	89.06	79.48	68.86	85.20	92.38	86.35	80.62	78.52	86.42
γ 30.0	78.91	84.91	80.84	80.33	71.59	60.45	76.03	81.84	75.99	69.15	67.78	75.50
γ 31.0	68.69	72.85	70.72	72.63	64.46	52.66	67.67	71.25	66.52	59.39	58.64	65.67
γ 32.0	59.65	62.22	62.10	65.66	58.12	45.63	59.54	61.30	57.87	50.97	50.76	56.74
γ 33.0	51.64	53.18	54.65	59.08	52.46	39.70	52.60	52.97	50.76	43.86	44.01	48.85
γ 34.0	44.47	45.56	48.22	52.61	47.24	34.78	46.38	45.72	44.54	37.99	38.28	42.20
γ 35.0	38.03	39.10	42.47	46.24	42.22	30.55	40.51	39.17	38.82	33.13	33.38	36.36
γ 36.0	32.45	33.34	37.22	40.32	37.38	26.63	34.80	33.02	33.45	29.22	29.20	30.94
γ 37.0	27.72	27.90	32.37	35.16	32.76	22.91	29.31	27.26	28.56	25.99	25.58	25.74
γ 38.0	23.32	23.10	28.00	30.51	28.42	20.01	24.39	22.34	24.07	22.80	22.17	21.00
γ 39.0	19.92	19.72	23.58	25.48	23.65	17.86	20.10	18.58	19.78	18.91	18.42	17.28
γ 40.0	17.11	17.53	18.89	19.96	18.93	15.88	16.43	15.62	15.80	14.20	14.03	14.34
γ 41.0	14.69	15.61	15.74	15.91	15.81	13.88	13.20	12.84	12.43	11.11	10.62	11.36
γ 42.0	13.18	13.69	13.89	13.93	14.01	12.48	10.13	10.12	9.70	9.55	9.01	8.60
γ 43.0	11.95	12.10	12.44	12.76	12.73	11.54	8.41	8.05	7.88	8.22	7.69	7.12
γ 44.0	11.00	11.04	11.27	11.72	11.77	10.71	7.13	6.80	6.70	6.96	6.60	6.24
γ 45.0	10.24	10.26	10.45	10.70	10.89	9.89	5.98	5.87	5.64	5.88	5.69	5.44
γ 46.0	9.62	9.55	9.72	9.83	10.09	9.19	5.14	5.00	4.80	5.03	4.89	4.67

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IES Indoor Report

Photometric Filename: AC10012-10W-3000K RA90-24D-WH IES.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 47.0	9.07	8.86	9.05	9.14	9.39	8.56	4.41	4.19	4.14	4.33	4.21	4.05
γ 48.0	8.52	8.25	8.51	8.55	8.73	8.02	3.79	3.49	3.50	3.67	3.63	3.53
γ 49.0	8.01	7.78	8.00	7.99	8.11	7.55	3.21	2.95	2.97	3.07	3.07	3.01
γ 50.0	7.59	7.37	7.55	7.48	7.54	7.13	2.72	2.47	2.50	2.53	2.57	2.51
γ 51.0	7.23	7.00	7.13	7.06	7.08	6.78	2.22	2.05	2.11	2.10	2.17	2.12
γ 52.0	6.89	6.67	6.78	6.72	6.73	6.50	1.83	1.72	1.77	1.76	1.86	1.80
γ 53.0	6.61	6.36	6.49	6.45	6.44	6.22	1.51	1.44	1.53	1.50	1.61	1.58
γ 54.0	6.36	6.11	6.23	6.20	6.19	5.98	1.27	1.23	1.34	1.28	1.40	1.36
γ 55.0	6.14	5.91	6.01	5.95	5.94	5.75	1.08	1.07	1.15	1.12	1.22	1.20
γ 56.0	5.92	5.71	5.77	5.75	5.72	5.58	0.95	0.94	1.00	1.01	1.07	1.06
γ 57.0	5.73	5.54	5.57	5.57	5.56	5.42	0.83	0.84	0.90	0.93	0.95	0.96
γ 58.0	5.54	5.37	5.41	5.41	5.37	5.24	0.74	0.76	0.82	0.84	0.85	0.86
γ 59.0	5.34	5.18	5.23	5.26	5.18	5.07	0.68	0.69	0.70	0.75	0.76	0.78
γ 60.0	5.20	5.03	5.04	5.08	5.01	4.91	0.61	0.63	0.64	0.69	0.67	0.73
γ 61.0	5.01	4.89	4.91	4.91	4.84	4.77	0.52	0.58	0.61	0.63	0.61	0.66
γ 62.0	4.87	4.74	4.76	4.77	4.70	4.66	0.48	0.53	0.56	0.57	0.57	0.60
γ 63.0	4.73	4.59	4.61	4.62	4.56	4.49	0.44	0.48	0.49	0.53	0.54	0.55
γ 64.0	4.60	4.43	4.49	4.45	4.44	4.35	0.40	0.44	0.45	0.47	0.48	0.52
γ 65.0	4.45	4.29	4.34	4.32	4.33	4.22	0.35	0.41	0.43	0.42	0.46	0.47
γ 66.0	4.33	4.16	4.22	4.21	4.20	4.09	0.33	0.38	0.37	0.41	0.43	0.45
γ 67.0	4.18	4.03	4.12	4.09	4.05	4.00	0.35	0.37	0.38	0.40	0.40	0.43
γ 68.0	4.07	3.93	3.98	3.96	3.93	3.89	0.33	0.36	0.34	0.38	0.39	0.41
γ 69.0	3.95	3.81	3.85	3.86	3.83	3.78	0.32	0.35	0.33	0.38	0.40	0.37
γ 70.0	3.83	3.69	3.75	3.77	3.74	3.69	0.31	0.32	0.34	0.37	0.38	0.39
γ 71.0	3.72	3.58	3.65	3.69	3.63	3.57	0.31	0.31	0.33	0.36	0.38	0.38
γ 72.0	3.64	3.48	3.53	3.57	3.53	3.47	0.32	0.32	0.34	0.37	0.37	0.37
γ 73.0	3.53	3.40	3.44	3.46	3.44	3.41	0.32	0.34	0.32	0.40	0.37	0.38
γ 74.0	3.44	3.30	3.36	3.37	3.34	3.29	0.33	0.36	0.34	0.42	0.38	0.40
γ 75.0	3.37	3.21	3.28	3.29	3.27	3.25	0.34	0.34	0.36	0.42	0.40	0.42
γ 76.0	3.29	3.12	3.19	3.21	3.19	3.15	0.36	0.36	0.40	0.43	0.41	0.43
γ 77.0	3.18	3.05	3.11	3.13	3.09	3.07	0.39	0.41	0.42	0.45	0.46	0.46
γ 78.0	3.12	2.98	3.04	3.06	3.01	3.00	0.42	0.44	0.43	0.49	0.48	0.47
γ 79.0	3.03	2.91	2.97	2.98	2.96	2.94	0.45	0.46	0.49	0.54	0.49	0.53
γ 80.0	2.96	2.82	2.89	2.90	2.88	2.88	0.48	0.51	0.50	0.56	0.53	0.57
γ 81.0	2.89	2.75	2.84	2.82	2.80	2.79	0.52	0.55	0.55	0.60	0.59	0.60
γ 82.0	2.84	2.69	2.74	2.75	2.75	2.74	0.58	0.59	0.57	0.66	0.62	0.66
γ 83.0	2.76	2.64	2.70	2.71	2.70	2.68	0.61	0.63	0.63	0.70	0.66	0.68
γ 84.0	2.69	2.57	2.64	2.66	2.63	2.61	0.66	0.66	0.67	0.73	0.71	0.72
γ 85.0	2.62	2.52	2.56	2.60	2.57	2.57	0.71	0.70	0.71	0.78	0.72	0.76
γ 86.0	2.57	2.47	2.51	2.55	2.51	2.52	0.75	0.75	0.76	0.82	0.76	0.79
γ 87.0	2.53	2.42	2.42	2.48	2.47	2.45	0.75	0.77	0.77	0.83	0.81	0.83
γ 88.0	2.44	2.37	2.34	2.44	2.41	2.40	0.80	0.78	0.79	0.87	0.84	0.87
γ 89.0	2.40	2.32	2.30	2.38	2.36	2.38	0.81	0.80	0.81	0.89	0.87	0.90
γ 90.0	2.35	2.27	2.26	2.31	2.33	2.32	0.82	0.82	0.84	0.89	0.87	0.90
γ 91.0	2.28	2.22	2.23	2.28	2.29	2.28	0.83	0.85	0.85	0.90	0.88	0.92
γ 92.0	2.24	2.18	2.17	2.26	2.23	2.20	0.84	0.86	0.88	0.92	0.90	0.92
γ 93.0	2.18	2.14	2.10	2.20	2.18	2.14	0.84	0.86	0.87	0.94	0.91	0.94

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IES Indoor Report

Photometric Filename: AC10012-10W-3000K RA90-24D-WH IES.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 94.0	2.16	2.10	2.07	2.14	2.12	2.11	0.84	0.87	0.85	0.94	0.94	0.92
γ 95.0	2.13	2.05	2.02	2.11	2.09	2.09	0.82	0.88	0.83	0.94	0.93	0.91
γ 96.0	2.09	2.02	2.03	2.06	2.07	2.06	0.82	0.87	0.86	0.92	0.94	0.92
γ 97.0	2.05	1.97	1.96	2.03	2.04	2.01	0.81	0.86	0.85	0.90	0.94	0.91
γ 98.0	2.01	1.92	1.91	1.99	2.00	1.99	0.82	0.85	0.84	0.92	0.92	0.92
γ 99.0	1.98	1.89	1.89	1.94	1.96	1.95	0.81	0.85	0.86	0.92	0.90	0.92
γ 100.0	1.92	1.86	1.85	1.91	1.94	1.90	0.81	0.85	0.86	0.91	0.89	0.94
γ 101.0	1.89	1.83	1.81	1.89	1.88	1.88	0.82	0.86	0.88	0.92	0.91	0.94
γ 102.0	1.88	1.80	1.82	1.85	1.86	1.85	0.82	0.86	0.86	0.92	0.91	0.93
γ 103.0	1.84	1.77	1.77	1.84	1.83	1.82	0.83	0.87	0.89	0.90	0.92	0.92
γ 104.0	1.80	1.76	1.76	1.81	1.79	1.80	0.86	0.88	0.92	0.92	0.93	0.93
γ 105.0	1.78	1.73	1.74	1.77	1.76	1.77	0.87	0.89	0.91	0.93	0.94	0.96
γ 106.0	1.76	1.69	1.69	1.76	1.75	1.74	0.86	0.90	0.90	0.94	0.97	0.95
γ 107.0	1.72	1.68	1.66	1.74	1.73	1.72	0.87	0.90	0.91	0.96	0.98	0.98
γ 108.0	1.71	1.66	1.62	1.72	1.71	1.70	0.90	0.91	0.94	0.96	0.98	0.99
γ 109.0	1.69	1.63	1.61	1.68	1.70	1.70	0.93	0.93	0.97	0.96	0.98	1.01
γ 110.0	1.68	1.59	1.59	1.67	1.68	1.64	0.93	0.95	0.96	0.98	1.00	1.02
γ 111.0	1.65	1.57	1.56	1.65	1.65	1.62	0.93	0.96	0.97	0.99	1.01	1.01
γ 112.0	1.64	1.56	1.55	1.61	1.63	1.61	0.94	0.98	1.01	1.01	1.00	1.02
γ 113.0	1.61	1.56	1.53	1.59	1.61	1.59	0.97	0.99	0.99	1.03	1.01	1.04
γ 114.0	1.60	1.55	1.53	1.58	1.61	1.58	0.97	1.00	0.98	1.03	1.02	1.05
γ 115.0	1.58	1.54	1.52	1.57	1.60	1.57	0.99	1.01	1.00	1.03	1.04	1.06
γ 116.0	1.57	1.52	1.49	1.56	1.59	1.57	1.01	1.01	1.03	1.05	1.05	1.07
γ 117.0	1.54	1.49	1.48	1.55	1.57	1.56	0.99	1.01	1.01	1.06	1.06	1.06
γ 118.0	1.55	1.48	1.47	1.54	1.56	1.53	1.00	1.02	1.02	1.06	1.06	1.08
γ 119.0	1.52	1.47	1.46	1.55	1.55	1.49	1.00	1.01	1.04	1.05	1.06	1.07
γ 120.0	1.51	1.46	1.47	1.52	1.53	1.49	1.00	1.00	1.03	1.07	1.08	1.08
γ 121.0	1.48	1.43	1.42	1.51	1.52	1.49	1.04	1.02	1.04	1.07	1.07	1.10
γ 122.0	1.47	1.41	1.41	1.50	1.50	1.47	1.01	1.02	1.02	1.07	1.07	1.11
γ 123.0	1.45	1.40	1.39	1.48	1.48	1.48	1.00	1.01	1.04	1.06	1.07	1.11
γ 124.0	1.44	1.37	1.39	1.47	1.46	1.47	1.01	1.03	1.02	1.07	1.08	1.09
γ 125.0	1.42	1.37	1.37	1.45	1.44	1.46	1.02	1.03	1.07	1.09	1.06	1.11
γ 126.0	1.40	1.37	1.36	1.43	1.44	1.45	1.00	1.02	1.05	1.08	1.08	1.12
γ 127.0	1.41	1.36	1.37	1.42	1.43	1.45	1.01	1.03	1.07	1.09	1.09	1.15
γ 128.0	1.37	1.34	1.35	1.41	1.42	1.43	1.04	1.03	1.08	1.10	1.09	1.14
γ 129.0	1.37	1.35	1.33	1.39	1.42	1.41	1.07	1.04	1.09	1.10	1.09	1.13
γ 130.0	1.37	1.35	1.34	1.39	1.42	1.39	1.04	1.02	1.08	1.10	1.10	1.14
γ 131.0	1.35	1.35	1.31	1.37	1.40	1.41	1.04	1.02	1.11	1.09	1.11	1.12
γ 132.0	1.35	1.35	1.32	1.37	1.40	1.40	1.05	1.03	1.10	1.10	1.11	1.10
γ 133.0	1.36	1.33	1.33	1.36	1.40	1.38	1.08	1.05	1.14	1.14	1.11	1.11
γ 134.0	1.33	1.32	1.34	1.35	1.40	1.39	1.06	1.06	1.10	1.14	1.12	1.11
γ 135.0	1.36	1.34	1.30	1.36	1.39	1.41	1.08	1.08	1.11	1.15	1.15	1.11
γ 136.0	1.37	1.35	1.32	1.37	1.38	1.43	1.08	1.10	1.12	1.15	1.15	1.14
γ 137.0	1.35	1.35	1.33	1.38	1.40	1.42	1.08	1.11	1.15	1.16	1.16	1.15
γ 138.0	1.34	1.35	1.32	1.38	1.41	1.41	1.11	1.13	1.16	1.17	1.18	1.16
γ 139.0	1.37	1.34	1.34	1.40	1.40	1.43	1.13	1.15	1.16	1.17	1.19	1.16
γ 140.0	1.38	1.33	1.35	1.41	1.41	1.45	1.15	1.15	1.18	1.19	1.21	1.20

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Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 141.0	1.40	1.35	1.33	1.40	1.42	1.46	1.17	1.17	1.22	1.20	1.24	1.20
γ 142.0	1.42	1.37	1.39	1.42	1.45	1.47	1.19	1.20	1.22	1.22	1.25	1.23
γ 143.0	1.46	1.38	1.38	1.46	1.46	1.49	1.23	1.22	1.22	1.25	1.26	1.27
γ 144.0	1.46	1.41	1.40	1.49	1.48	1.53	1.22	1.24	1.25	1.28	1.28	1.28
γ 145.0	1.51	1.44	1.43	1.50	1.53	1.56	1.25	1.26	1.26	1.31	1.31	1.30
γ 146.0	1.51	1.48	1.48	1.52	1.56	1.57	1.28	1.30	1.30	1.35	1.33	1.34
γ 147.0	1.54	1.52	1.51	1.58	1.61	1.64	1.32	1.34	1.33	1.38	1.37	1.36
γ 148.0	1.57	1.57	1.55	1.60	1.66	1.68	1.34	1.40	1.38	1.40	1.40	1.39
γ 149.0	1.65	1.60	1.59	1.64	1.69	1.73	1.41	1.46	1.44	1.45	1.45	1.44
γ 150.0	1.68	1.64	1.65	1.71	1.76	1.78	1.46	1.50	1.48	1.50	1.51	1.50
γ 151.0	1.74	1.69	1.73	1.76	1.81	1.85	1.54	1.53	1.52	1.56	1.56	1.54
γ 152.0	1.80	1.75	1.77	1.80	1.85	1.90	1.58	1.58	1.58	1.61	1.62	1.60
γ 153.0	1.86	1.82	1.83	1.87	1.90	1.98	1.63	1.62	1.61	1.66	1.68	1.65
γ 154.0	1.92	1.88	1.89	1.93	1.97	2.01	1.68	1.66	1.69	1.71	1.72	1.73
γ 155.0	1.98	1.95	1.94	2.02	2.03	2.08	1.73	1.73	1.74	1.78	1.78	1.78
γ 156.0	2.00	1.99	1.99	2.07	2.11	2.13	1.81	1.80	1.81	1.85	1.85	1.83
γ 157.0	2.09	2.04	2.07	2.13	2.18	2.19	1.88	1.86	1.86	1.90	1.91	1.89
γ 158.0	2.14	2.09	2.10	2.18	2.22	2.28	1.93	1.92	1.94	1.97	1.98	1.98
γ 159.0	2.20	2.15	2.17	2.22	2.26	2.29	2.00	1.98	1.98	2.02	2.04	2.03
γ 160.0	2.25	2.19	2.24	2.26	2.33	2.36	2.05	2.02	2.03	2.08	2.07	2.09
γ 161.0	2.27	2.22	2.26	2.30	2.38	2.39	2.09	2.07	2.09	2.11	2.13	2.13
γ 162.0	2.30	2.27	2.30	2.35	2.41	2.43	2.16	2.11	2.11	2.14	2.19	2.19
γ 163.0	2.34	2.31	2.34	2.38	2.42	2.47	2.17	2.13	2.17	2.21	2.23	2.23
γ 164.0	2.38	2.33	2.35	2.41	2.44	2.50	2.21	2.18	2.21	2.25	2.27	2.26
γ 165.0	2.42	2.34	2.37	2.44	2.47	2.52	2.26	2.22	2.21	2.28	2.29	2.30
γ 166.0	2.44	2.37	2.40	2.46	2.50	2.55	2.27	2.24	2.27	2.31	2.31	2.32
γ 167.0	2.43	2.39	2.40	2.48	2.51	2.55	2.29	2.25	2.28	2.33	2.33	2.34
γ 168.0	2.44	2.40	2.42	2.49	2.52	2.54	2.31	2.27	2.31	2.35	2.37	2.38
γ 169.0	2.43	2.41	2.41	2.52	2.53	2.57	2.32	2.29	2.29	2.37	2.39	2.39
γ 170.0	2.45	2.40	2.40	2.51	2.54	2.55	2.32	2.29	2.29	2.38	2.39	2.41
γ 171.0	2.43	2.41	2.39	2.48	2.55	2.55	2.33	2.29	2.32	2.39	2.39	2.40
γ 172.0	2.44	2.40	2.38	2.47	2.53	2.51	2.35	2.31	2.31	2.39	2.40	2.40
γ 173.0	2.41	2.39	2.38	2.44	2.50	2.49	2.32	2.31	2.32	2.36	2.38	2.39
γ 174.0	2.40	2.38	2.36	2.43	2.49	2.45	2.31	2.29	2.29	2.34	2.38	2.38
γ 175.0	2.37	2.35	2.34	2.41	2.47	2.46	2.31	2.27	2.28	2.34	2.37	2.38
γ 176.0	2.36	2.31	2.31	2.39	2.44	2.45	2.30	2.25	2.28	2.32	2.37	2.37
γ 177.0	2.32	2.30	2.29	2.38	2.41	2.41	2.29	2.24	2.26	2.31	2.36	2.37
γ 178.0	2.31	2.29	2.29	2.36	2.40	2.38	2.27	2.23	2.23	2.32	2.35	2.35
γ 179.0	2.28	2.28	2.27	2.33	2.39	2.38	2.27	2.25	2.23	2.34	2.36	2.36
γ 180.0	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32