

IES Indoor Report

Photometric Filename:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

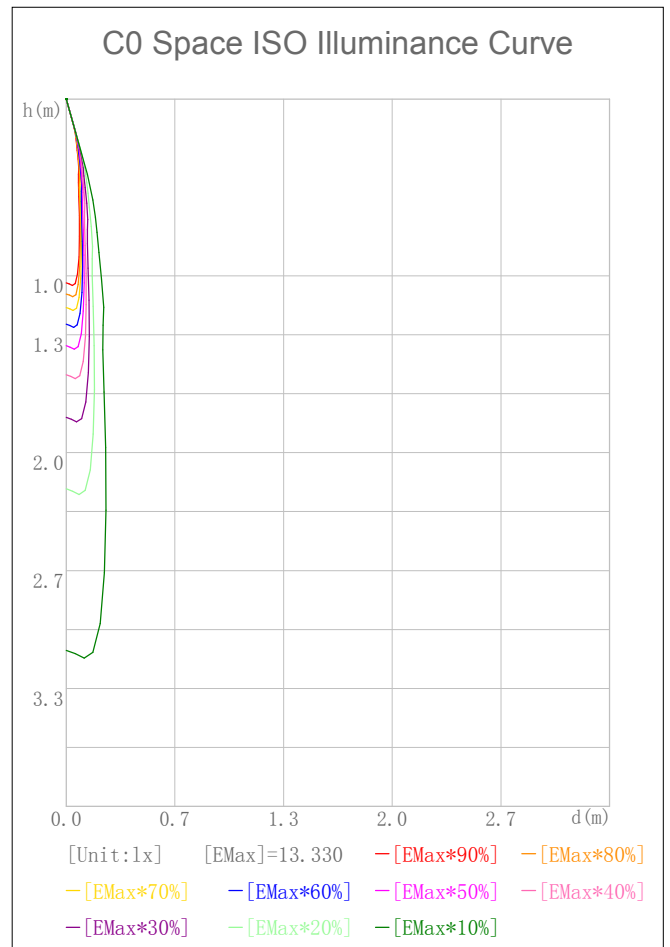
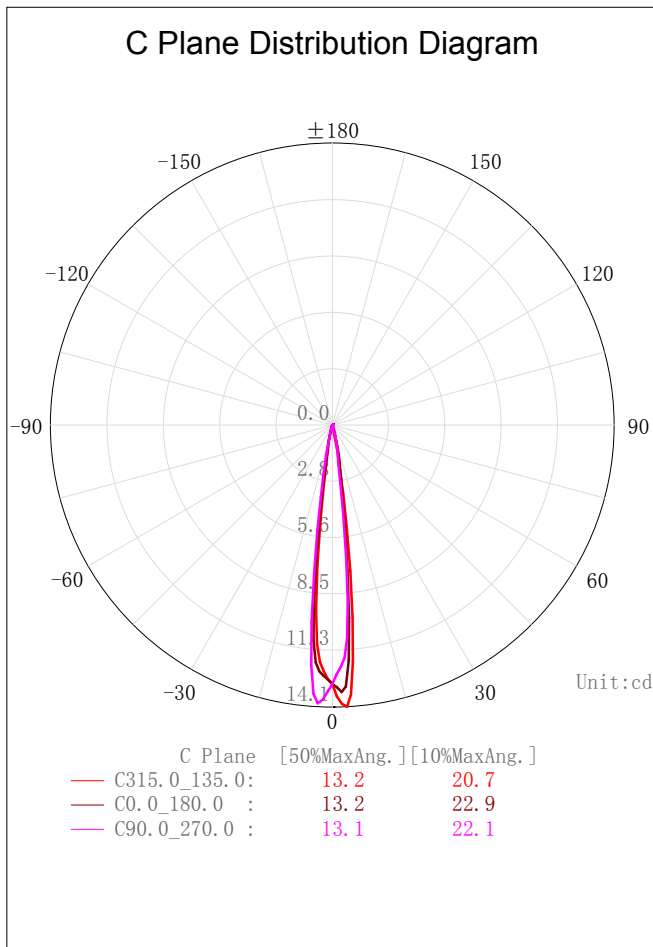
Indoor Luminaire Photometric Data

Description Information

Luminaire Name:AD21210	Lum. Catalog: Downlight	Test ID:
Lamp Name: B3535	Lamp Catalog: COB	Test Date: 2024/01/06
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):0.017m*0.017m*0.000m	Lum. Area(m2):0.000	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): 0.744	Luminaire Flux(lm): 0.744	Field Angle(10%Imax): 20.7(°)	
Rated Power(W): 2	Luminaire Efficiency: 100.00%	Down Lumens&Percent: 0.744lm 100.00%	
Rated Voltage(V): 220	Luminaire EER(lm/W): 0.326	Up Lumens&Percent: 0.000lm 0.00%	
Tested Power(W): 2.279	Max. Candela(cd): 14.102	S/MH: CO_a180=0.233 C90_270=0.235	
Lamps' Inside: 1	Max Cand@Ang.(°): C=315.0 γ=3.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):220.1, 0.022, 0.468	Beam Angle(50%Imax): 13.2(°)	ErP Φ use(90°): 0.740lm	
Lamp Size(W*L*H):0.017m*0.017m*0.000m	Left=-6.0°, Right=7.1°	IRF(%): 3929.019	



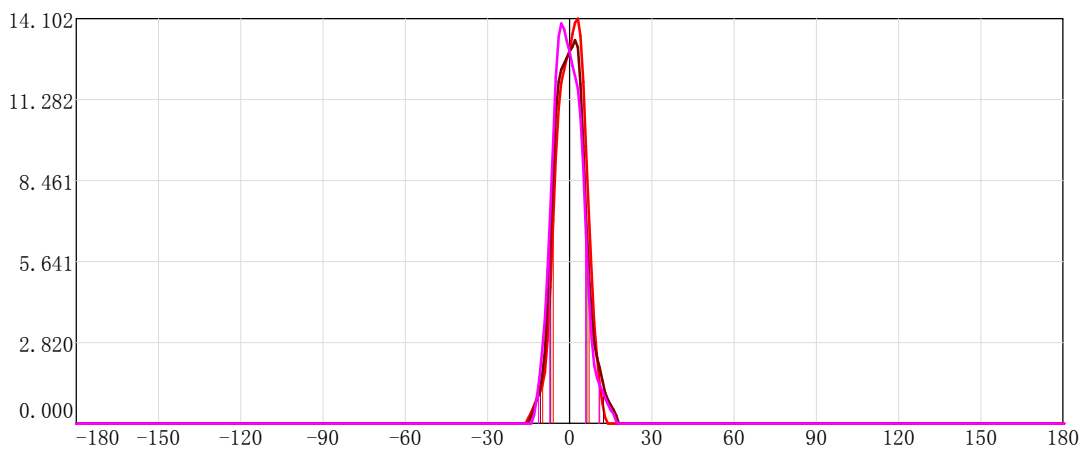
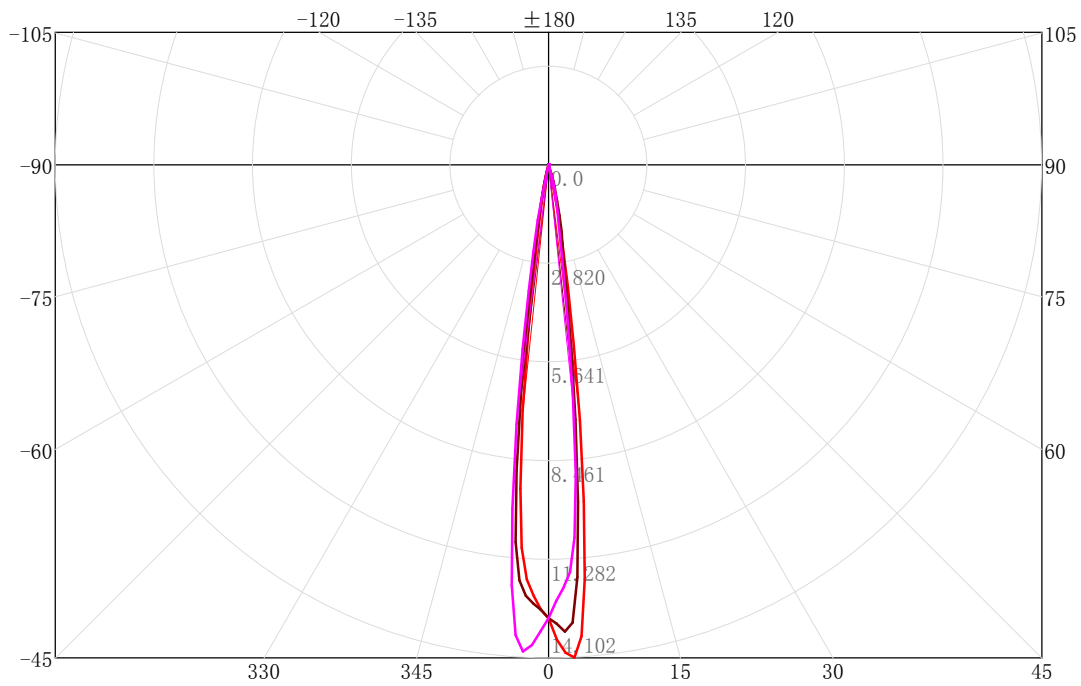
IES Indoor Report

Photometric Filename: AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: AD21210	Lum. Catalog: Downlight	Test ID:
Lamp Name: B3535	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/06

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C315.0_135.0:	13.2	20.7	
—	C0.0_180.0 :	13.2	22.9	
—	C90.0_270.0 :	13.1	22.1	

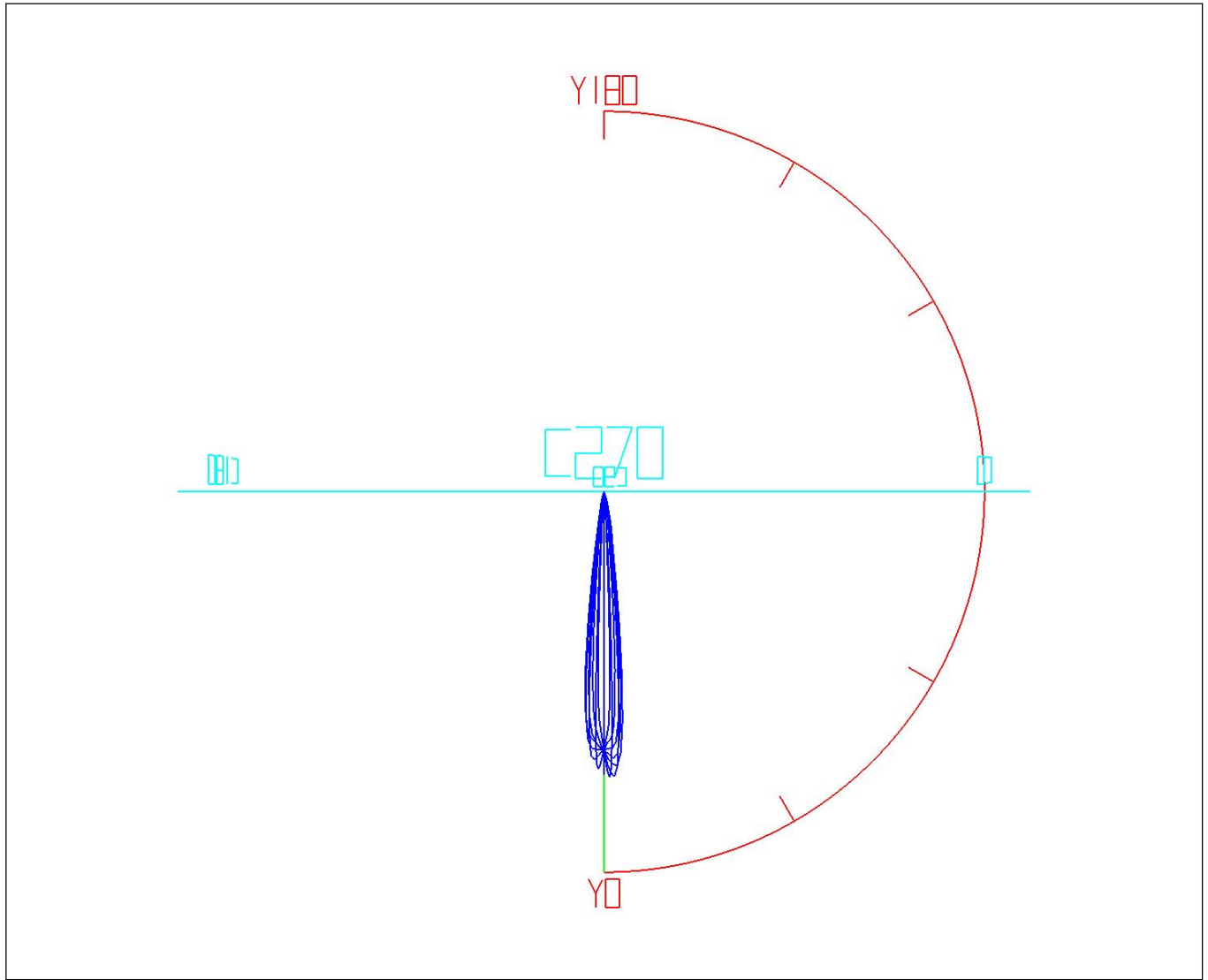
IES Indoor Report

Photometric Filename: AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

3D Light Intensity Distribution Modal

Lum. Name: AD21210	Lum. Catalog: Downlight	Test ID:
Lamp Name: B3535	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/06

3D Light Intensity Distribution Modal



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

IES Indoor Report

Photometric Filename:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.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	0.01	0.01	1.67	1.67	47.0-48.0	0.00	0.74	0.00	100.00
1.0-2.0	0.04	0.05	5.00	6.66	48.0-49.0	0.00	0.74	0.00	100.00
2.0-3.0	0.06	0.11	8.28	14.95	49.0-50.0	0.00	0.74	0.00	100.00
3.0-4.0	0.08	0.19	11.19	26.14	50.0-51.0	0.00	0.74	0.00	100.00
4.0-5.0	0.10	0.29	13.01	39.14	51.0-52.0	0.00	0.74	0.00	100.00
5.0-6.0	0.10	0.39	13.18	52.32	52.0-53.0	0.00	0.74	0.00	100.00
6.0-7.0	0.09	0.48	11.82	64.14	53.0-54.0	0.00	0.74	0.00	100.00
7.0-8.0	0.07	0.55	9.61	73.74	54.0-55.0	0.00	0.74	0.00	100.00
8.0-9.0	0.05	0.60	7.34	81.08	55.0-56.0	0.00	0.74	0.00	100.00
9.0-10.0	0.04	0.64	5.59	86.68	56.0-57.0	0.00	0.74	0.00	100.00
10.0-11.0	0.03	0.68	4.37	91.05	57.0-58.0	0.00	0.74	0.00	100.00
11.0-12.0	0.02	0.70	3.35	94.40	58.0-59.0	0.00	0.74	0.00	100.00
12.0-13.0	0.02	0.72	2.34	96.74	59.0-60.0	0.00	0.74	0.00	100.00
13.0-14.0	0.01	0.73	1.45	98.19	60.0-61.0	0.00	0.74	0.00	100.00
14.0-15.0	0.01	0.74	0.89	99.08	61.0-62.0	0.00	0.74	0.00	100.00
15.0-16.0	0.00	0.74	0.57	99.65	62.0-63.0	0.00	0.74	0.00	100.00
16.0-17.0	0.00	0.74	0.28	99.94	63.0-64.0	0.00	0.74	0.00	100.00
17.0-18.0	0.00	0.74	0.07	100.00	64.0-65.0	0.00	0.74	0.00	100.00
18.0-19.0	0.00	0.74	0.00	100.00	65.0-66.0	0.00	0.74	0.00	100.00
19.0-20.0	0.00	0.74	0.00	100.00	66.0-67.0	0.00	0.74	0.00	100.00
20.0-21.0	0.00	0.74	0.00	100.00	67.0-68.0	0.00	0.74	0.00	100.00
21.0-22.0	0.00	0.74	0.00	100.00	68.0-69.0	0.00	0.74	0.00	100.00
22.0-23.0	0.00	0.74	0.00	100.00	69.0-70.0	0.00	0.74	0.00	100.00
23.0-24.0	0.00	0.74	0.00	100.00	70.0-71.0	0.00	0.74	0.00	100.00
24.0-25.0	0.00	0.74	0.00	100.00	71.0-72.0	0.00	0.74	0.00	100.00
25.0-26.0	0.00	0.74	0.00	100.00	72.0-73.0	0.00	0.74	0.00	100.00
26.0-27.0	0.00	0.74	0.00	100.00	73.0-74.0	0.00	0.74	0.00	100.00
27.0-28.0	0.00	0.74	0.00	100.00	74.0-75.0	0.00	0.74	0.00	100.00
28.0-29.0	0.00	0.74	0.00	100.00	75.0-76.0	0.00	0.74	0.00	100.00
29.0-30.0	0.00	0.74	0.00	100.00	76.0-77.0	0.00	0.74	0.00	100.00
30.0-31.0	0.00	0.74	0.00	100.00	77.0-78.0	0.00	0.74	0.00	100.00
31.0-32.0	0.00	0.74	0.00	100.00	78.0-79.0	0.00	0.74	0.00	100.00
32.0-33.0	0.00	0.74	0.00	100.00	79.0-80.0	0.00	0.74	0.00	100.00
33.0-34.0	0.00	0.74	0.00	100.00	80.0-81.0	0.00	0.74	0.00	100.00
34.0-35.0	0.00	0.74	0.00	100.00	81.0-82.0	0.00	0.74	0.00	100.00
35.0-36.0	0.00	0.74	0.00	100.00	82.0-83.0	0.00	0.74	0.00	100.00
36.0-37.0	0.00	0.74	0.00	100.00	83.0-84.0	0.00	0.74	0.00	100.00
37.0-38.0	0.00	0.74	0.00	100.00	84.0-85.0	0.00	0.74	0.00	100.00
38.0-39.0	0.00	0.74	0.00	100.00	85.0-86.0	0.00	0.74	0.00	100.00
39.0-40.0	0.00	0.74	0.00	100.00	86.0-87.0	0.00	0.74	0.00	100.00
40.0-41.0	0.00	0.74	0.00	100.00	87.0-88.0	0.00	0.74	0.00	100.00
41.0-42.0	0.00	0.74	0.00	100.00	88.0-89.0	0.00	0.74	0.00	100.00
42.0-43.0	0.00	0.74	0.00	100.00	89.0-90.0	0.00	0.74	0.00	100.00
43.0-44.0	0.00	0.74	0.00	100.00	90.0-91.0	0.00	0.74	0.00	100.00
44.0-45.0	0.00	0.74	0.00	100.00	91.0-92.0	0.00	0.74	0.00	100.00
45.0-46.0	0.00	0.74	0.00	100.00	92.0-93.0	0.00	0.74	0.00	100.00
46.0-47.0	0.00	0.74	0.00	100.00	93.0-94.0	0.00	0.74	0.00	100.00

-
-
-

IES Indoor Report

Photometric Filename:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

Zonal Flux Tabulation - (Cont.)

Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.00	0.74	0.00	100.00	141.0-142.0	0.00	0.74	0.00	100.00
95.0-96.0	0.00	0.74	0.00	100.00	142.0-143.0	0.00	0.74	0.00	100.00
96.0-97.0	0.00	0.74	0.00	100.00	143.0-144.0	0.00	0.74	0.00	100.00
97.0-98.0	0.00	0.74	0.00	100.00	144.0-145.0	0.00	0.74	0.00	100.00
98.0-99.0	0.00	0.74	0.00	100.00	145.0-146.0	0.00	0.74	0.00	100.00
99.0-100.0	0.00	0.74	0.00	100.00	146.0-147.0	0.00	0.74	0.00	100.00
100.0-101.0	0.00	0.74	0.00	100.00	147.0-148.0	0.00	0.74	0.00	100.00
101.0-102.0	0.00	0.74	0.00	100.00	148.0-149.0	0.00	0.74	0.00	100.00
102.0-103.0	0.00	0.74	0.00	100.00	149.0-150.0	0.00	0.74	0.00	100.00
103.0-104.0	0.00	0.74	0.00	100.00	150.0-151.0	0.00	0.74	0.00	100.00
104.0-105.0	0.00	0.74	0.00	100.00	151.0-152.0	0.00	0.74	0.00	100.00
105.0-106.0	0.00	0.74	0.00	100.00	152.0-153.0	0.00	0.74	0.00	100.00
106.0-107.0	0.00	0.74	0.00	100.00	153.0-154.0	0.00	0.74	0.00	100.00
107.0-108.0	0.00	0.74	0.00	100.00	154.0-155.0	0.00	0.74	0.00	100.00
108.0-109.0	0.00	0.74	0.00	100.00	155.0-156.0	0.00	0.74	0.00	100.00
109.0-110.0	0.00	0.74	0.00	100.00	156.0-157.0	0.00	0.74	0.00	100.00
110.0-111.0	0.00	0.74	0.00	100.00	157.0-158.0	0.00	0.74	0.00	100.00
111.0-112.0	0.00	0.74	0.00	100.00	158.0-159.0	0.00	0.74	0.00	100.00
112.0-113.0	0.00	0.74	0.00	100.00	159.0-160.0	0.00	0.74	0.00	100.00
113.0-114.0	0.00	0.74	0.00	100.00	160.0-161.0	0.00	0.74	0.00	100.00
114.0-115.0	0.00	0.74	0.00	100.00	161.0-162.0	0.00	0.74	0.00	100.00
115.0-116.0	0.00	0.74	0.00	100.00	162.0-163.0	0.00	0.74	0.00	100.00
116.0-117.0	0.00	0.74	0.00	100.00	163.0-164.0	0.00	0.74	0.00	100.00
117.0-118.0	0.00	0.74	0.00	100.00	164.0-165.0	0.00	0.74	0.00	100.00
118.0-119.0	0.00	0.74	0.00	100.00	165.0-166.0	0.00	0.74	0.00	100.00
119.0-120.0	0.00	0.74	0.00	100.00	166.0-167.0	0.00	0.74	0.00	100.00
120.0-121.0	0.00	0.74	0.00	100.00	167.0-168.0	0.00	0.74	0.00	100.00
121.0-122.0	0.00	0.74	0.00	100.00	168.0-169.0	0.00	0.74	0.00	100.00
122.0-123.0	0.00	0.74	0.00	100.00	169.0-170.0	0.00	0.74	0.00	100.00
123.0-124.0	0.00	0.74	0.00	100.00	170.0-171.0	0.00	0.74	0.00	100.00
124.0-125.0	0.00	0.74	0.00	100.00	171.0-172.0	0.00	0.74	0.00	100.00
125.0-126.0	0.00	0.74	0.00	100.00	172.0-173.0	0.00	0.74	0.00	100.00
126.0-127.0	0.00	0.74	0.00	100.00	173.0-174.0	0.00	0.74	0.00	100.00
127.0-128.0	0.00	0.74	0.00	100.00	174.0-175.0	0.00	0.74	0.00	100.00
128.0-129.0	0.00	0.74	0.00	100.00	175.0-176.0	0.00	0.74	0.00	100.00
129.0-130.0	0.00	0.74	0.00	100.00	176.0-177.0	0.00	0.74	0.00	100.00
130.0-131.0	0.00	0.74	0.00	100.00	177.0-178.0	0.00	0.74	0.00	100.00
131.0-132.0	0.00	0.74	0.00	100.00	178.0-179.0	0.00	0.74	0.00	100.00
132.0-133.0	0.00	0.74	0.00	100.00	179.0-180.0	0.00	0.74	0.00	100.00
133.0-134.0	0.00	0.74	0.00	100.00					
134.0-135.0	0.00	0.74	0.00	100.00					
135.0-136.0	0.00	0.74	0.00	100.00					
136.0-137.0	0.00	0.74	0.00	100.00					
137.0-138.0	0.00	0.74	0.00	100.00					
138.0-139.0	0.00	0.74	0.00	100.00					
139.0-140.0	0.00	0.74	0.00	100.00					
140.0-141.0	0.00	0.74	0.00	100.00					

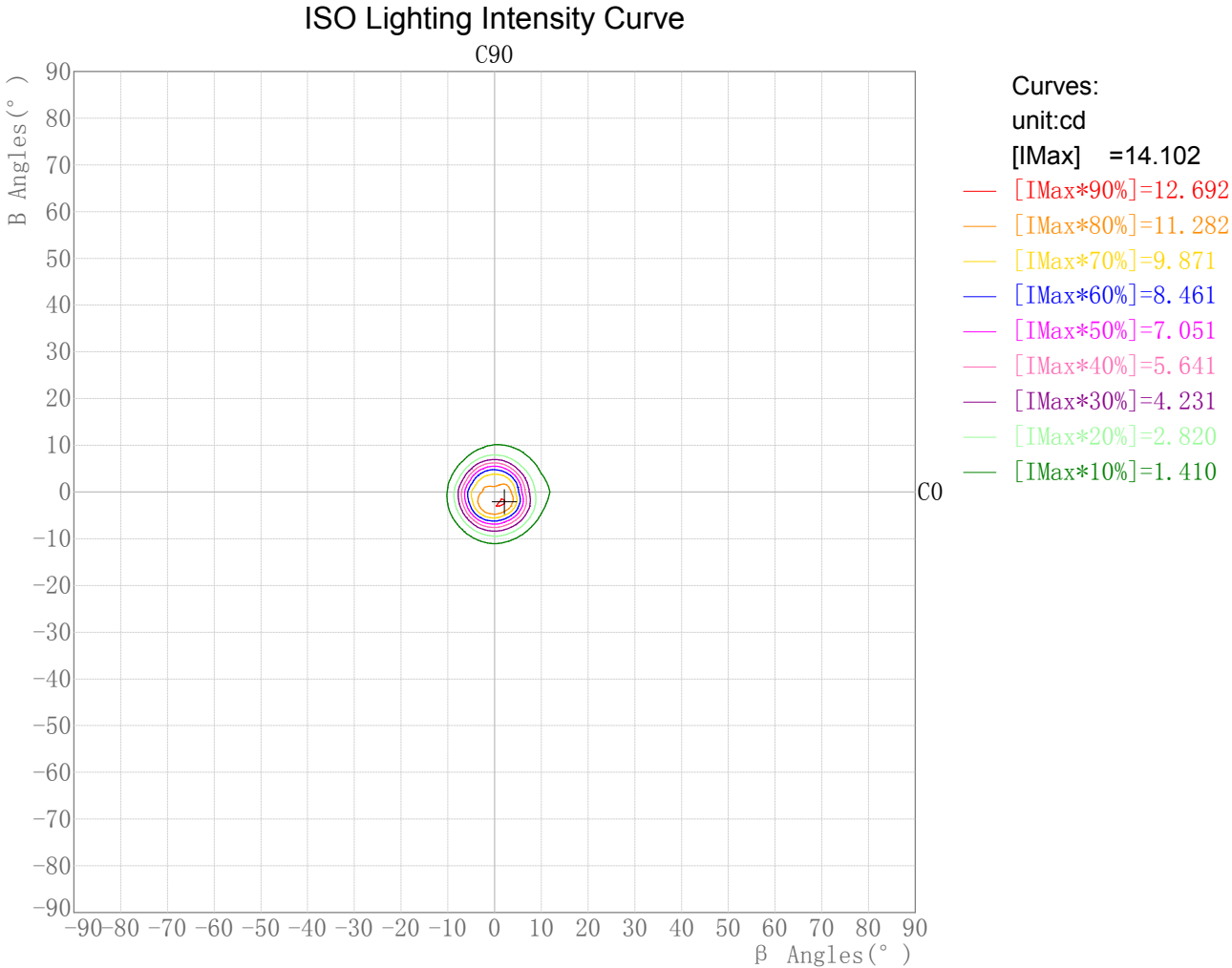
-
-
-

IES Indoor Report

Photometric Filename:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: AD21210	Lum. Catalog: Downlight	Test ID:
Lamp Name: B3535	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2024/01/06



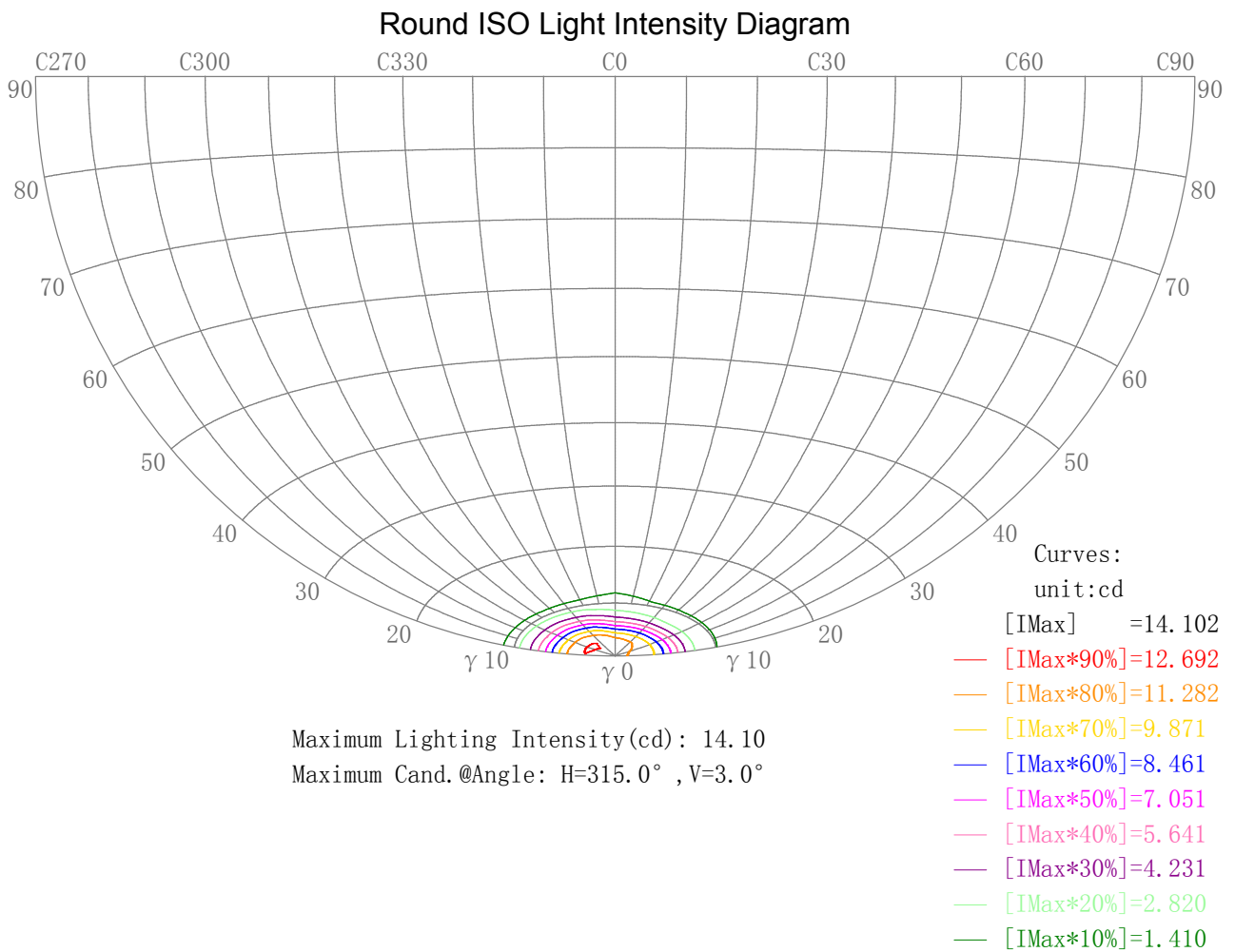
Maximum Light Intensity(cd): 14.10
Maximum Cand.@Angle: H=2.1°,V=-2.1°

IES Indoor Report

Photometric Filename:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

Round ISO Lighting Intensity Diagram

Lum. Name: AD21210	Lum. Catalog: Downlight	Test ID:
Lamp Name: B3535	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/06



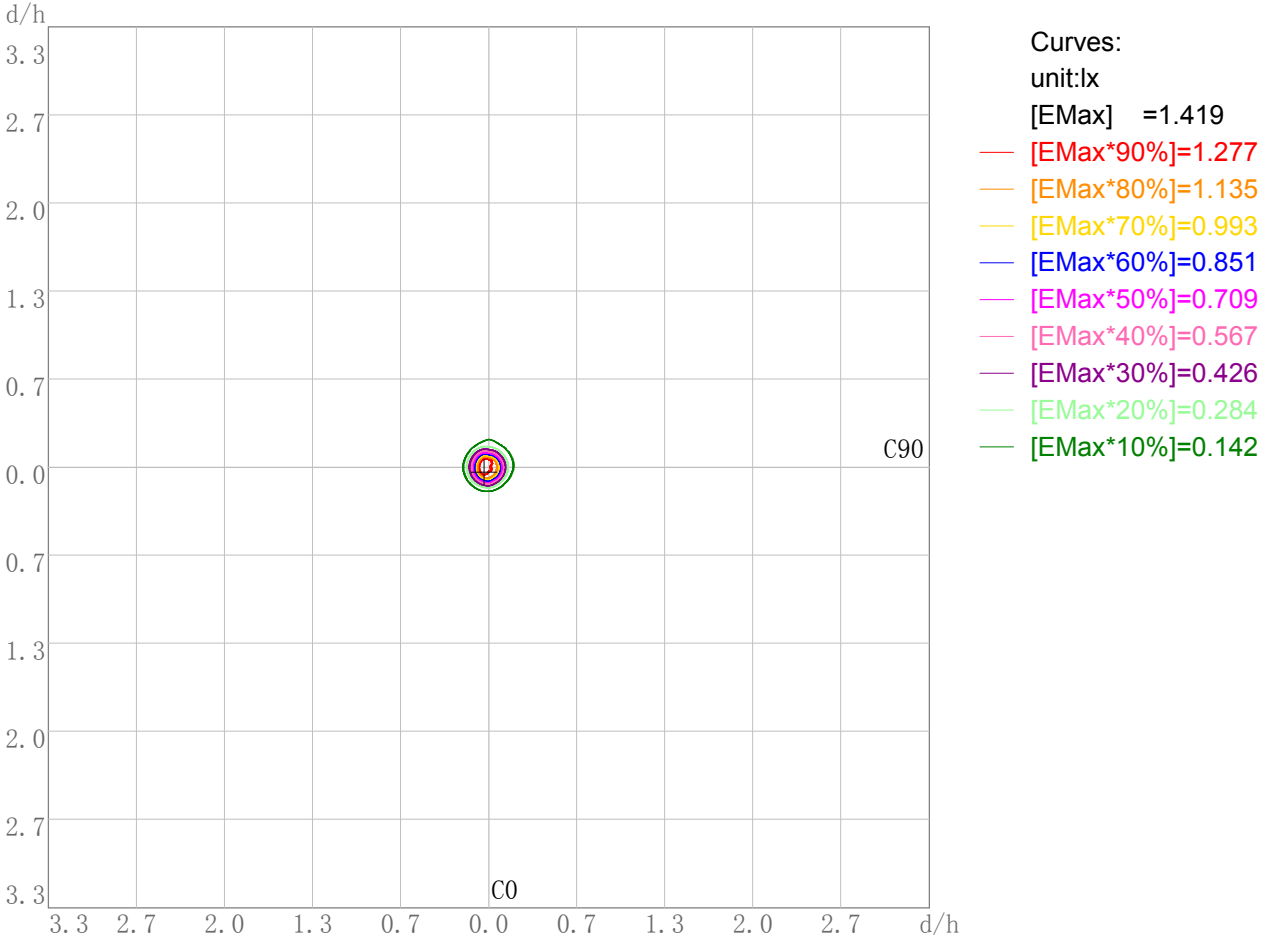
IES Indoor Report

Photometric Filename: AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

Plane ISO-Illuminance Diagram

Lum. Name: AD21210	Lum. Catalog: Downlight	Test ID:
Lamp Name: B3535	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/06

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 1.42
 Working Plane Maximum Illuminance Position(d/h):H-0.0 V0.0

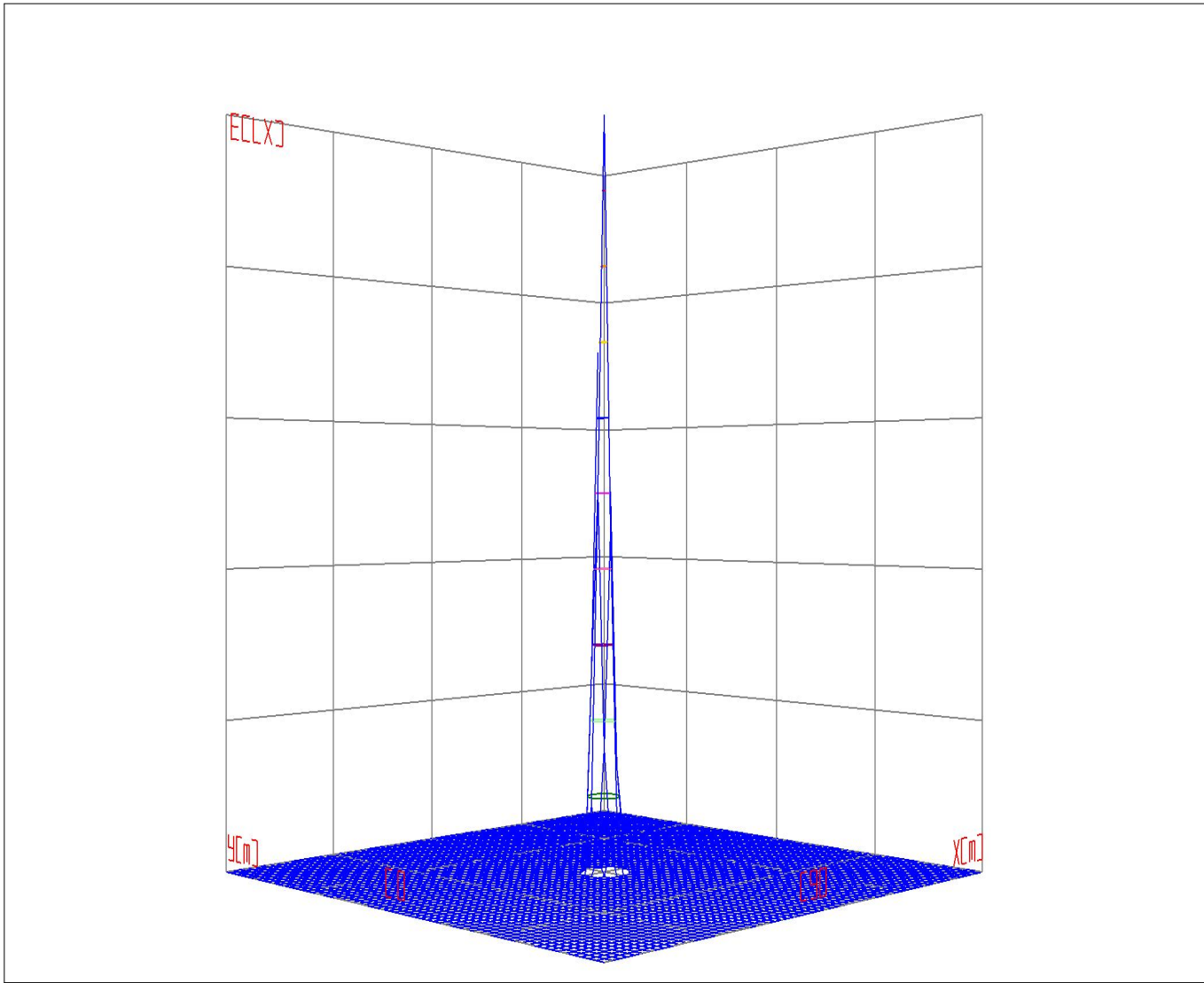
IES Indoor Report

Photometric Filename:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

3D Plane ISO Illuminance Diagram

Lum. Name: AD21210	Lum. Catalog: Downlight	Test ID:
Lamp Name: B3535	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2024/01/06

3D Plane Illuminance Modal



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

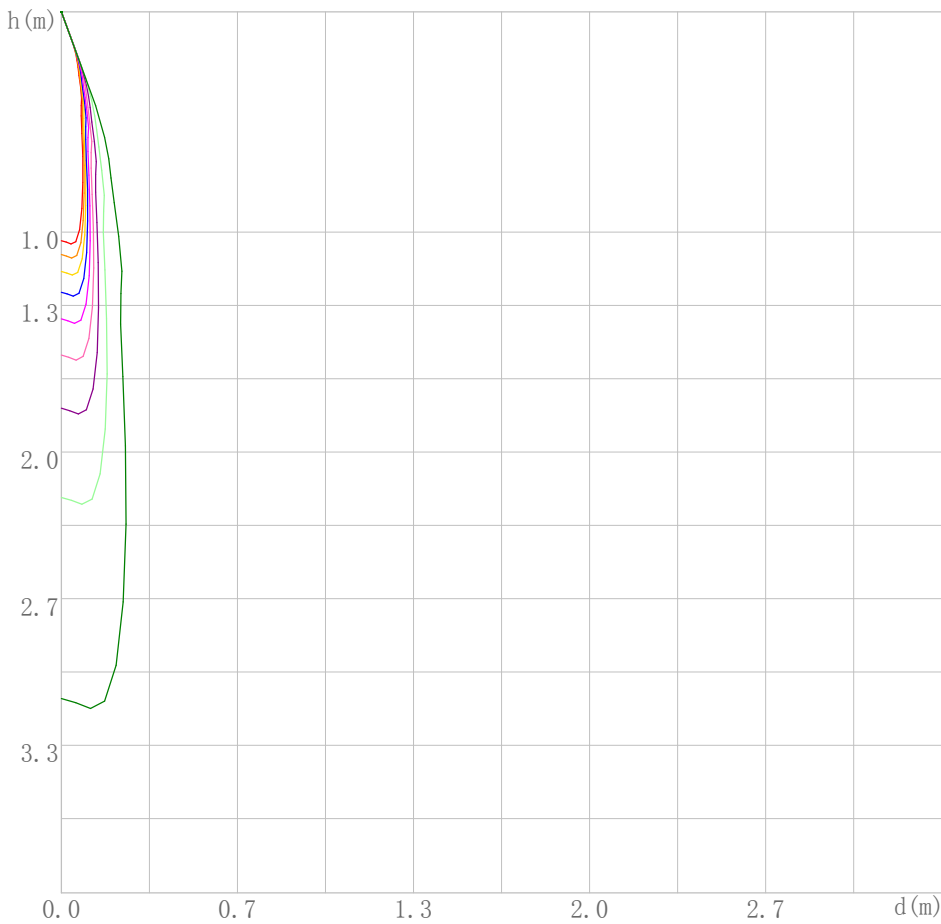
IES Indoor Report

Photometric Filename: AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

Space ISO Illuminance Diagram

Lum. Name: AD21210	Lum. Catalog: Downlight	Test ID:
Lamp Name: B3535	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/06

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =13.330

— [EMax*90%]=11.997

— [EMax*80%]=10.664

— [EMax*70%]=9.331

— [EMax*60%]=7.998

— [EMax*50%]=6.665

— [EMax*40%]=5.332

— [EMax*30%]=3.999

— [EMax*20%]=2.666

— [EMax*10%]=1.333

Space Plane Maximum Illuminance and @Angle:13.33lx,2.0deg

Plane Maximum Lighting Intensity and @Angle:13.354cd,0deg

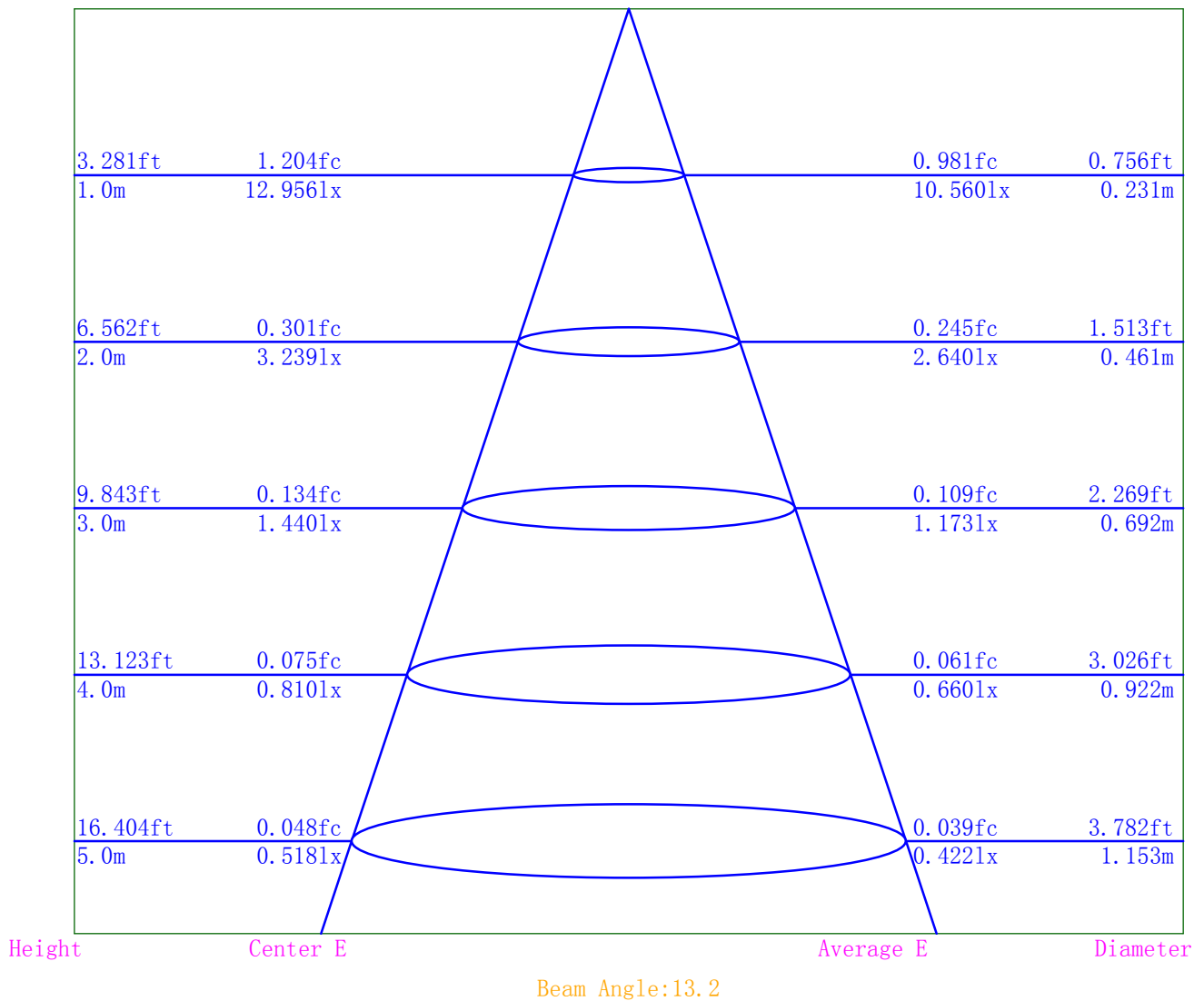
IES Indoor Report

Photometric Filename: AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

Illuminance-Distance Diagram

Lum. Name: AD21210	Lum. Catalog: Downlight	Test ID:
Lamp Name: B3535	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/06

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

Indoor Luminance Limiting Curves

Lum. Name: AD21210	Lum. Catalog: Downlight	Test ID:
Lamp Name: B3535	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2024/01/06

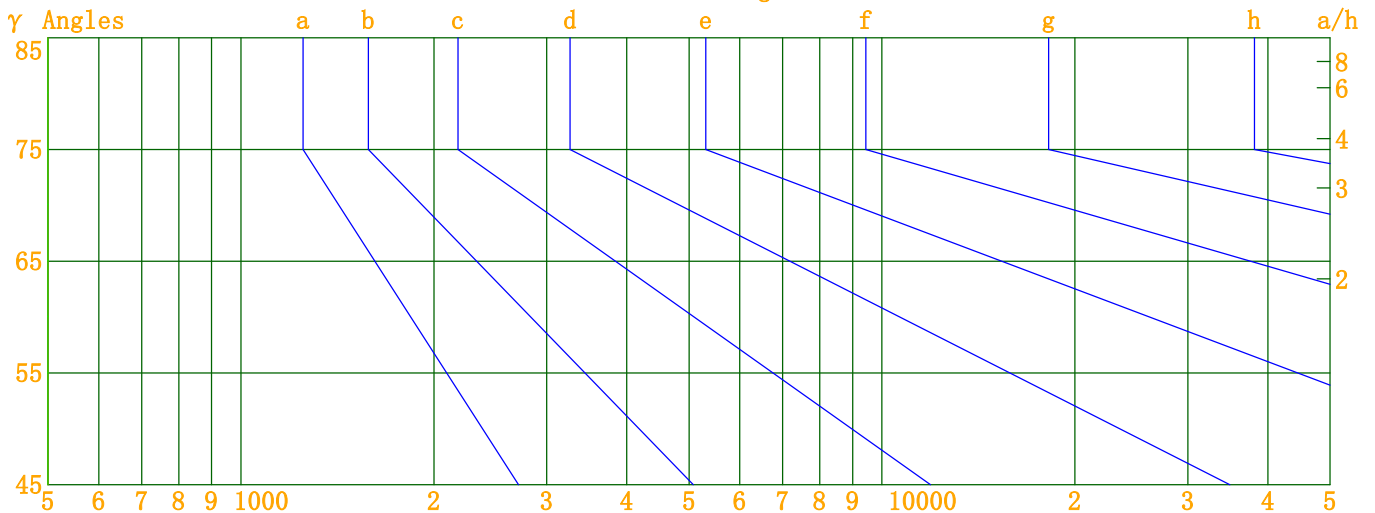
Glare Grade Table

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



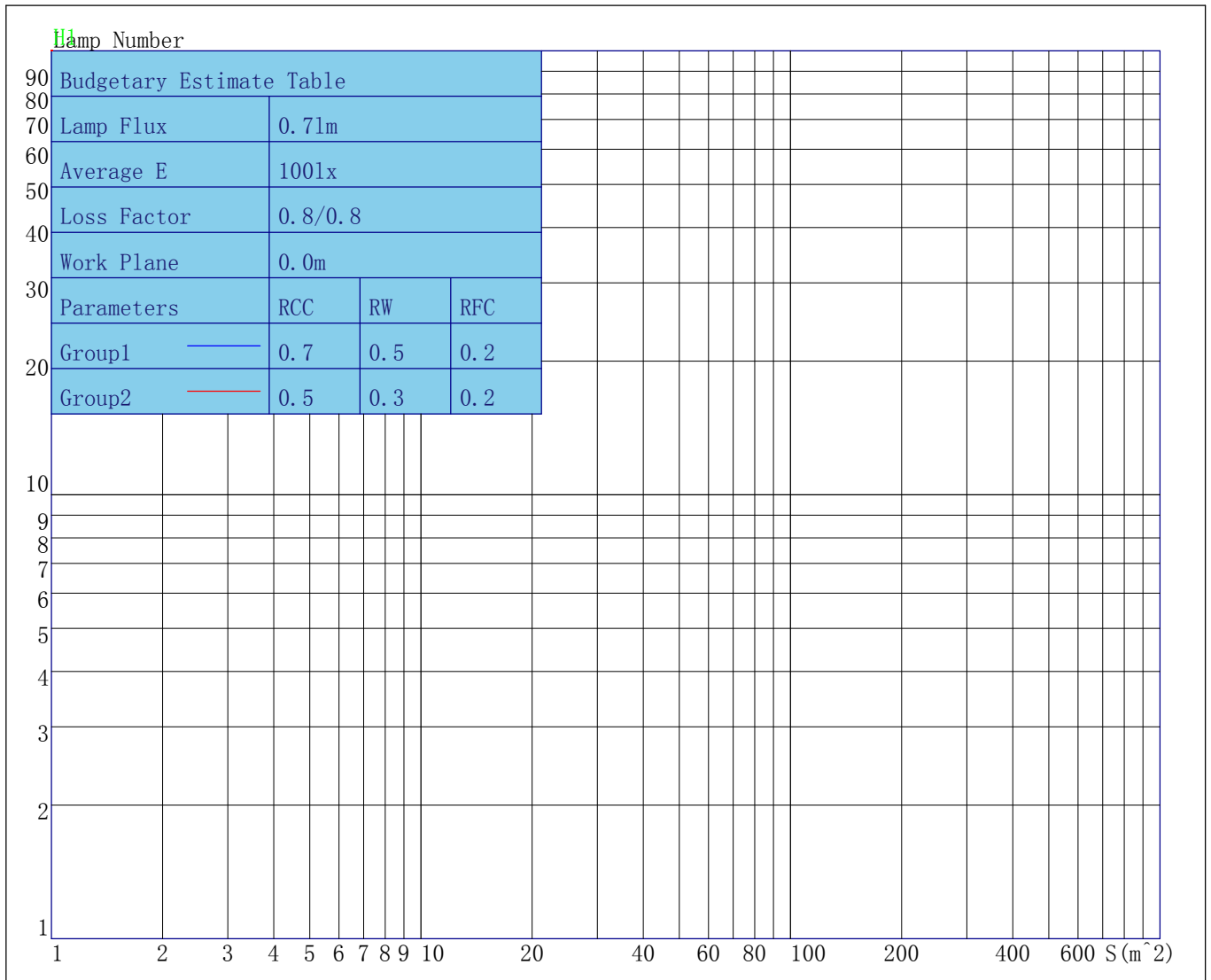
Luminous Size: Length(m)=-0.017 Width(m)=-0.017 Height(m)=0.000 Area(m^2)=0.000227
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename: AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

Indoor Budgetary Estimate Table

Lum. Name: AD21210	Lum. Catalog: Downlight	Test ID:
Lamp Name: B3535	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine: GON-2000	Test Date: 2024/01/06



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:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

Indoor Coefficient of Utilization Table

Lum. Name: AD21210	Lum. Catalog: Downlight	Test ID:
Lamp Name: B3535	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2024/01/06

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	116	115	114	112	114	113	112	111	109	108	107	105	105	104	102	101	101	99
2	114	112	110	108	112	110	108	107	107	106	104	104	103	102	102	101	100	99
3	112	109	107	105	111	108	106	104	106	104	103	103	102	101	101	100	100	98
4	111	107	105	103	109	106	104	102	104	103	101	103	101	100	101	100	99	98
5	109	106	103	101	108	105	102	101	103	101	100	102	100	99	101	99	98	98
6	108	104	102	100	107	104	101	100	102	101	99	101	100	98	100	99	98	97
7	107	103	101	99	106	103	100	99	102	100	98	101	99	98	100	99	97	97
8	106	102	100	98	105	102	100	98	101	99	98	100	99	97	100	98	97	96
9	105	101	99	97	104	101	99	97	100	98	97	100	98	97	99	98	97	96
10	104	101	98	97	104	100	98	97	100	98	97	99	98	96	99	97	96	96

IES Indoor Report

Photometric Filename:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

Unified Glare Rating Table

Lum. Name: AD21210	Lum. Catalog: Downlight	Test ID:
Lamp Name: B3535	Lamp Catalog: COB	Test Lab: Test
Manufacture:	Test Machine:GON-2000	Test Date: 2024/01/06

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	-25.8	-24.9	-25.4	-24.6	-24.3	-25.8	-24.9	-25.4	-24.6	-24.3
	Y=3H	-26.0	-25.2	-25.6	-24.9	-24.5	-26.0	-25.2	-25.6	-24.9	-24.5
	Y=4H	-26.1	-25.4	-25.7	-25.0	-24.6	-26.1	-25.4	-25.7	-25.0	-24.6
	Y=6H	-26.2	-25.6	-25.8	-25.2	-24.8	-26.2	-25.6	-25.8	-25.2	-24.8
	Y=8H	-26.3	-25.7	-25.9	-25.3	-24.9	-26.3	-25.7	-25.9	-25.3	-24.9
	Y=12H	-26.4	-25.8	-25.9	-25.4	-25.0	-26.4	-25.8	-25.9	-25.4	-25.0
X=4H	Y=2H	-26.1	-25.4	-25.7	-25.0	-24.6	-26.1	-25.4	-25.7	-25.0	-24.6
	Y=3H	-26.3	-25.8	-25.9	-25.3	-24.9	-26.3	-25.8	-25.9	-25.3	-24.9
	Y=4H	-26.5	-26.0	-26.0	-25.5	-25.1	-26.5	-26.0	-26.0	-25.5	-25.1
	Y=6H	-26.6	-26.2	-26.1	-25.7	-25.2	-26.6	-26.2	-26.1	-25.7	-25.2
	Y=8H	-26.7	-26.3	-26.2	-25.8	-25.3	-26.7	-26.3	-26.2	-25.8	-25.3
	Y=12H	-26.7	-26.4	-26.3	-25.9	-25.4	-26.7	-26.4	-26.3	-25.9	-25.4
X=8H	Y=4H	-26.7	-26.3	-26.2	-25.8	-25.3	-26.7	-26.3	-26.2	-25.8	-25.3
	Y=6H	-26.8	-26.5	-26.3	-26.0	-25.5	-26.8	-26.5	-26.3	-26.0	-25.5
	Y=8H	-26.9	-26.6	-26.4	-26.1	-25.6	-26.9	-26.6	-26.4	-26.1	-25.6
	Y=12H	-26.9	-26.7	-26.4	-26.2	-25.6	-26.9	-26.7	-26.4	-26.2	-25.6
X=12H	Y=4H	-26.7	-26.4	-26.3	-25.9	-25.4	-26.7	-26.4	-26.3	-25.9	-25.4
	Y=6H	-26.9	-26.6	-26.3	-26.1	-25.6	-26.9	-26.6	-26.3	-26.1	-25.6
	Y=8H	-26.9	-26.7	-26.4	-26.2	-25.6	-26.9	-26.7	-26.4	-26.2	-25.6
Variations with the objerver 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.

-
-
-

IES Indoor Report

Photometric Filename:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.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	12.96	12.96	12.96	12.96	12.96	12.96	12.96	12.96	12.96	12.96	12.96	12.96
γ 1.0	13.12	12.88	12.64	12.53	12.47	12.50	12.71	12.84	12.73	12.87	13.00	13.19
γ 2.0	13.35	12.90	12.52	12.23	12.10	12.07	12.31	12.58	12.55	12.86	13.19	13.52
γ 3.0	13.10	12.60	12.20	11.82	11.66	11.61	11.87	12.23	12.33	12.76	13.26	13.69
γ 4.0	11.81	11.44	11.08	10.77	10.67	10.73	10.97	11.34	11.91	12.35	13.02	13.37
γ 5.0	9.67	9.40	9.05	8.87	8.88	9.04	9.28	9.63	10.82	11.16	11.83	12.11
γ 6.0	7.33	7.05	6.65	6.61	6.64	6.79	7.07	7.39	8.78	9.13	9.76	9.99
γ 7.0	5.29	4.94	4.50	4.49	4.54	4.59	4.77	5.11	6.40	6.77	7.32	7.56
γ 8.0	3.76	3.40	2.98	2.95	2.96	2.88	2.89	3.21	4.23	4.55	4.96	5.30
γ 9.0	2.78	2.45	2.16	2.08	2.03	1.88	1.79	1.98	2.54	2.84	3.14	3.51
γ 10.0	2.28	1.86	1.71	1.64	1.58	1.41	1.29	1.40	1.62	1.81	1.96	2.27
γ 11.0	1.95	1.41	1.34	1.35	1.34	1.17	1.04	1.14	1.14	1.24	1.25	1.42
γ 12.0	1.48	1.02	1.01	1.09	1.12	0.99	0.85	0.99	0.81	0.79	0.67	0.71
γ 13.0	1.08	0.66	0.63	0.79	0.89	0.78	0.62	0.85	0.53	0.39	0.18	0.16
γ 14.0	0.83	0.38	0.34	0.50	0.67	0.53	0.39	0.74	0.25	0.06	0.00	0.00
γ 15.0	0.66	0.20	0.10	0.28	0.48	0.37	0.21	0.64	0.04	0.00	0.00	0.00
γ 16.0	0.49	0.05	0.00	0.08	0.34	0.19	0.02	0.49	0.00	0.00	0.00	0.00
γ 17.0	0.28	0.00	0.00	0.00	0.06	0.00	0.00	0.14	0.00	0.00	0.00	0.00
γ 18.0	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 19.0	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 20.0	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 21.0	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 22.0	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 23.0	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 24.0	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 25.0	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 26.0	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 27.0	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 28.0	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 29.0	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 30.0	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 31.0	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 32.0	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 33.0	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 34.0	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 35.0	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 36.0	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 37.0	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 38.0	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 39.0	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 40.0	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 41.0	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 42.0	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 43.0	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 44.0	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 45.0	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 46.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

-
-
-

IES Indoor Report

Photometric Filename:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.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	0.00	0.00	0.00	0.00
γ 146.0	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 147.0	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 148.0	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 149.0	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 150.0	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 151.0	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 152.0	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 153.0	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 154.0	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 155.0	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 156.0	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 157.0	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 158.0	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 159.0	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 160.0	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 161.0	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 162.0	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 163.0	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 164.0	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 165.0	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 166.0	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 167.0	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 168.0	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 169.0	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 170.0	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 171.0	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 172.0	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 173.0	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 174.0	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 175.0	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 176.0	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 177.0	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 178.0	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 179.0	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 180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V/H	C270.0	C292.5	C315.0	C337.5								
γ 0.0	12.96	12.96	12.96	12.96								
γ 1.0	13.33	13.44	13.57	13.36								
γ 2.0	13.74	13.88	13.95	13.59								
γ 3.0	13.93	14.09	14.10	13.62								
γ 4.0	13.48	13.52	13.50	12.97								
γ 5.0	12.06	11.85	11.89	11.37								

-
-
-

IES Indoor Report

Photometric Filename:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 6.0	9.88	9.60	9.67	9.13
γ 7.0	7.47	7.24	7.36	6.82
γ 8.0	5.32	5.16	5.23	4.81
γ 9.0	3.65	3.56	3.50	3.32
γ 10.0	2.50	2.39	2.28	2.32
γ 11.0	1.61	1.44	1.38	1.56
γ 12.0	0.86	0.73	0.69	0.94
γ 13.0	0.29	0.21	0.21	0.44
γ 14.0	0.00	0.00	0.00	0.07
γ 15.0	0.00	0.00	0.00	0.00
γ 16.0	0.00	0.00	0.00	0.00
γ 17.0	0.00	0.00	0.00	0.00
γ 18.0	0.00	0.00	0.00	0.00
γ 19.0	0.00	0.00	0.00	0.00
γ 20.0	0.00	0.00	0.00	0.00
γ 21.0	0.00	0.00	0.00	0.00
γ 22.0	0.00	0.00	0.00	0.00
γ 23.0	0.00	0.00	0.00	0.00
γ 24.0	0.00	0.00	0.00	0.00
γ 25.0	0.00	0.00	0.00	0.00
γ 26.0	0.00	0.00	0.00	0.00
γ 27.0	0.00	0.00	0.00	0.00
γ 28.0	0.00	0.00	0.00	0.00
γ 29.0	0.00	0.00	0.00	0.00
γ 30.0	0.00	0.00	0.00	0.00
γ 31.0	0.00	0.00	0.00	0.00
γ 32.0	0.00	0.00	0.00	0.00
γ 33.0	0.00	0.00	0.00	0.00
γ 34.0	0.00	0.00	0.00	0.00
γ 35.0	0.00	0.00	0.00	0.00
γ 36.0	0.00	0.00	0.00	0.00
γ 37.0	0.00	0.00	0.00	0.00
γ 38.0	0.00	0.00	0.00	0.00
γ 39.0	0.00	0.00	0.00	0.00
γ 40.0	0.00	0.00	0.00	0.00
γ 41.0	0.00	0.00	0.00	0.00
γ 42.0	0.00	0.00	0.00	0.00
γ 43.0	0.00	0.00	0.00	0.00
γ 44.0	0.00	0.00	0.00	0.00
γ 45.0	0.00	0.00	0.00	0.00
γ 46.0	0.00	0.00	0.00	0.00
γ 47.0	0.00	0.00	0.00	0.00
γ 48.0	0.00	0.00	0.00	0.00
γ 49.0	0.00	0.00	0.00	0.00
γ 50.0	0.00	0.00	0.00	0.00
γ 51.0	0.00	0.00	0.00	0.00
γ 52.0	0.00	0.00	0.00	0.00

IES Indoor Report

Photometric Filename:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 53. 0	0. 00	0. 00	0. 00	0. 00
γ 54. 0	0. 00	0. 00	0. 00	0. 00
γ 55. 0	0. 00	0. 00	0. 00	0. 00
γ 56. 0	0. 00	0. 00	0. 00	0. 00
γ 57. 0	0. 00	0. 00	0. 00	0. 00
γ 58. 0	0. 00	0. 00	0. 00	0. 00
γ 59. 0	0. 00	0. 00	0. 00	0. 00
γ 60. 0	0. 00	0. 00	0. 00	0. 00
γ 61. 0	0. 00	0. 00	0. 00	0. 00
γ 62. 0	0. 00	0. 00	0. 00	0. 00
γ 63. 0	0. 00	0. 00	0. 00	0. 00
γ 64. 0	0. 00	0. 00	0. 00	0. 00
γ 65. 0	0. 00	0. 00	0. 00	0. 00
γ 66. 0	0. 00	0. 00	0. 00	0. 00
γ 67. 0	0. 00	0. 00	0. 00	0. 00
γ 68. 0	0. 00	0. 00	0. 00	0. 00
γ 69. 0	0. 00	0. 00	0. 00	0. 00
γ 70. 0	0. 00	0. 00	0. 00	0. 00
γ 71. 0	0. 00	0. 00	0. 00	0. 00
γ 72. 0	0. 00	0. 00	0. 00	0. 00
γ 73. 0	0. 00	0. 00	0. 00	0. 00
γ 74. 0	0. 00	0. 00	0. 00	0. 00
γ 75. 0	0. 00	0. 00	0. 00	0. 00
γ 76. 0	0. 00	0. 00	0. 00	0. 00
γ 77. 0	0. 00	0. 00	0. 00	0. 00
γ 78. 0	0. 00	0. 00	0. 00	0. 00
γ 79. 0	0. 00	0. 00	0. 00	0. 00
γ 80. 0	0. 00	0. 00	0. 00	0. 00
γ 81. 0	0. 00	0. 00	0. 00	0. 00
γ 82. 0	0. 00	0. 00	0. 00	0. 00
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:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

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	0.00	0.00	0.00	0.00
γ 146.0	0.00	0.00	0.00	0.00

IES Indoor Report

Photometric Filename:AD21210-2W-B3535-3090-LDK-24D-KED-500mA.IES

Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 147. 0	0. 00	0. 00	0. 00	0. 00
γ 148. 0	0. 00	0. 00	0. 00	0. 00
γ 149. 0	0. 00	0. 00	0. 00	0. 00
γ 150. 0	0. 00	0. 00	0. 00	0. 00
γ 151. 0	0. 00	0. 00	0. 00	0. 00
γ 152. 0	0. 00	0. 00	0. 00	0. 00
γ 153. 0	0. 00	0. 00	0. 00	0. 00
γ 154. 0	0. 00	0. 00	0. 00	0. 00
γ 155. 0	0. 00	0. 00	0. 00	0. 00
γ 156. 0	0. 00	0. 00	0. 00	0. 00
γ 157. 0	0. 00	0. 00	0. 00	0. 00
γ 158. 0	0. 00	0. 00	0. 00	0. 00
γ 159. 0	0. 00	0. 00	0. 00	0. 00
γ 160. 0	0. 00	0. 00	0. 00	0. 00
γ 161. 0	0. 00	0. 00	0. 00	0. 00
γ 162. 0	0. 00	0. 00	0. 00	0. 00
γ 163. 0	0. 00	0. 00	0. 00	0. 00
γ 164. 0	0. 00	0. 00	0. 00	0. 00
γ 165. 0	0. 00	0. 00	0. 00	0. 00
γ 166. 0	0. 00	0. 00	0. 00	0. 00
γ 167. 0	0. 00	0. 00	0. 00	0. 00
γ 168. 0	0. 00	0. 00	0. 00	0. 00
γ 169. 0	0. 00	0. 00	0. 00	0. 00
γ 170. 0	0. 00	0. 00	0. 00	0. 00
γ 171. 0	0. 00	0. 00	0. 00	0. 00
γ 172. 0	0. 00	0. 00	0. 00	0. 00
γ 173. 0	0. 00	0. 00	0. 00	0. 00
γ 174. 0	0. 00	0. 00	0. 00	0. 00
γ 175. 0	0. 00	0. 00	0. 00	0. 00
γ 176. 0	0. 00	0. 00	0. 00	0. 00
γ 177. 0	0. 00	0. 00	0. 00	0. 00
γ 178. 0	0. 00	0. 00	0. 00	0. 00
γ 179. 0	0. 00	0. 00	0. 00	0. 00
γ 180. 0	0. 00	0. 00	0. 00	0. 00