

# IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-3K.IES

## Indoor Luminaire Photometric Data

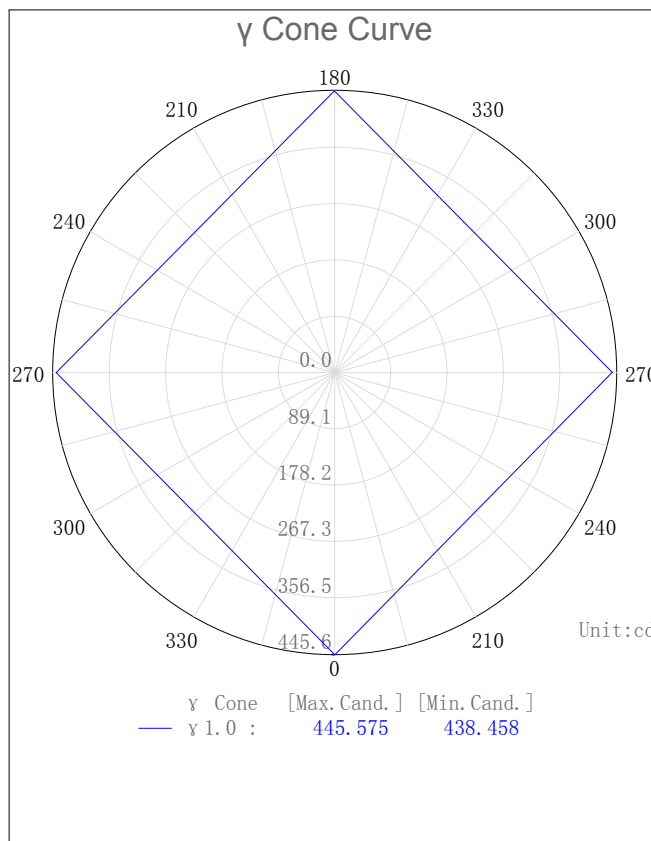
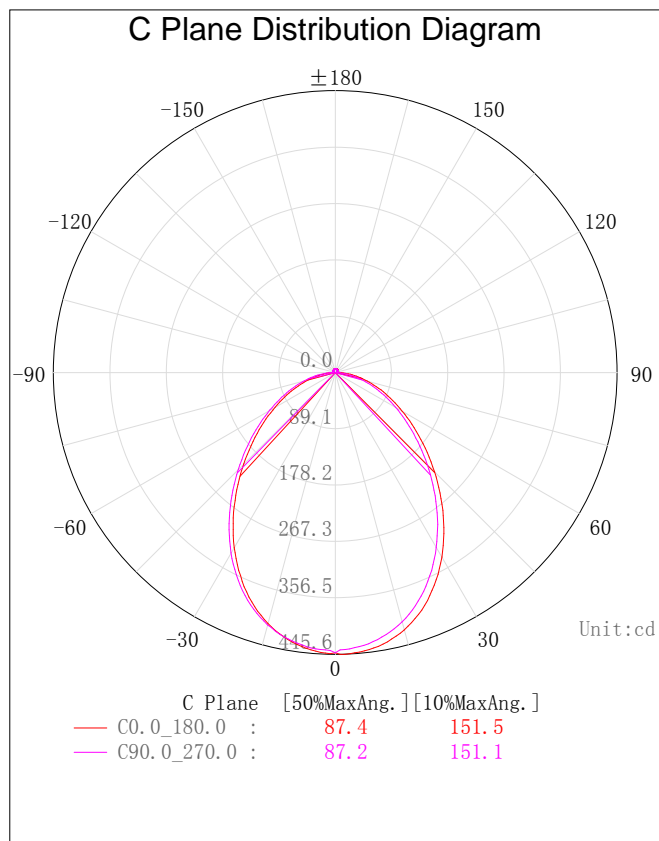
### Description Information

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 3000K	Lamp Catalog: SMD2835	Test Date: 2019/03/15
Manufacture:	ShldAngle(°):	Test Machine:GON-2000
Test Lab:	Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size(W*L*H):0.110m*0.110m*0.042m	Lum. Area(m2):0.017	Lum. W(kg): 5.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp.(°C): 25
		Humidity(%):

### Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 976.700	Luminaire Flux: 976.738lm	Field Angle(10%Imax): 151.5	
Rated Power(W):	Luminaire Efficiency: 100.00%	Down Lumens&Percent: 951.027lm 97.37%	
Rated Voltage(V):	Luminaire EER(lm/W): 81.124	Up Lumens&Percent: 25.711lm 2.63%	
Tested Power(W): 12.040	Max. Cand. (cd): 445.575	S/MH: C0_a180=1.120 C90_270=1.110	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electric:U=241.1V, I=0.053A, PF=0.000	Beam Angle(50%Imax): 87.4	ErP Φuse(90°): 584.893lm	
Lamp Size(W*L*H):0.110m*0.110m*0.042m	Left=-42.5 Right=44.9	IRF: 131.893%	

### Lighting Distribution Diagram



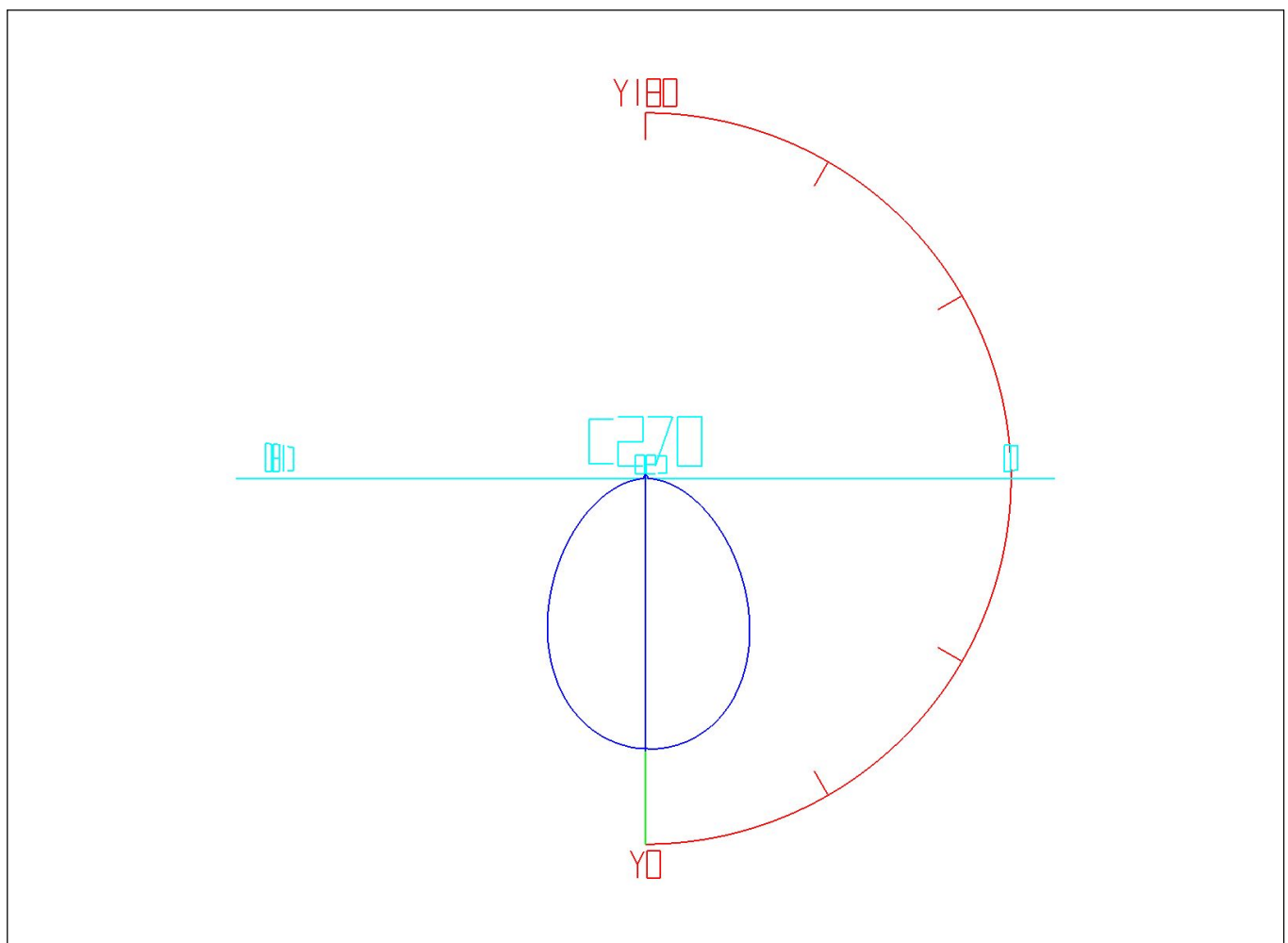
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## 3D Light Intensity Distribution Modal

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 3000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/15

### 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	0.42	0.42	0.04	0.04	44.0-45.0	16.59	16.59	1.70	1.70
1.0-2.0	1.27	1.69	0.13	0.17	45.0-46.0	16.31	32.89	1.67	3.37
2.0-3.0	2.11	3.80	0.22	0.39	46.0-47.0	16.00	48.90	1.64	5.01
3.0-4.0	2.95	6.75	0.30	0.69	47.0-48.0	15.68	64.58	1.61	6.61
4.0-5.0	3.78	10.53	0.39	1.08	48.0-49.0	15.36	79.94	1.57	8.18
5.0-6.0	4.60	15.13	0.47	1.55	49.0-50.0	15.02	94.96	1.54	9.72
6.0-7.0	5.42	20.55	0.55	2.10	50.0-51.0	14.67	109.62	1.50	11.22
7.0-8.0	6.22	26.77	0.64	2.74	51.0-52.0	14.30	123.93	1.46	12.69
8.0-9.0	7.01	33.78	0.72	3.46	52.0-53.0	13.93	137.86	1.43	14.11
9.0-10.0	7.79	41.57	0.80	4.26	53.0-54.0	13.55	151.41	1.39	15.50
10.0-11.0	8.55	50.12	0.88	5.13	54.0-55.0	13.17	164.58	1.35	16.85
11.0-12.0	9.29	59.41	0.95	6.08	55.0-56.0	12.77	177.35	1.31	18.16
12.0-13.0	10.01	69.42	1.03	7.11	56.0-57.0	12.38	189.73	1.27	19.43
13.0-14.0	10.71	80.14	1.10	8.21	57.0-58.0	11.98	201.71	1.23	20.65
14.0-15.0	11.39	91.53	1.17	9.37	58.0-59.0	11.57	213.28	1.18	21.84
15.0-16.0	12.04	103.57	1.23	10.60	59.0-60.0	11.17	224.45	1.14	22.98
16.0-17.0	12.67	116.24	1.30	11.90	60.0-61.0	10.76	235.20	1.10	24.08
17.0-18.0	13.27	129.51	1.36	13.26	61.0-62.0	10.35	245.55	1.06	25.14
18.0-19.0	13.83	143.34	1.42	14.68	62.0-63.0	9.94	255.49	1.02	26.16
19.0-20.0	14.37	157.71	1.47	16.15	63.0-64.0	9.53	265.02	0.98	27.13
20.0-21.0	14.87	172.57	1.52	17.67	64.0-65.0	9.12	274.14	0.93	28.07
21.0-22.0	15.34	187.92	1.57	19.24	65.0-66.0	8.71	282.85	0.89	28.96
22.0-23.0	15.78	203.69	1.62	20.86	66.0-67.0	8.31	291.16	0.85	29.81
23.0-24.0	16.17	219.86	1.66	22.51	67.0-68.0	7.91	299.07	0.81	30.62
24.0-25.0	16.53	236.39	1.69	24.20	68.0-69.0	7.51	306.58	0.77	31.39
25.0-26.0	16.87	253.26	1.73	25.93	69.0-70.0	7.11	313.69	0.73	32.12
26.0-27.0	17.16	270.42	1.76	27.69	70.0-71.0	6.71	320.40	0.69	32.80
27.0-28.0	17.40	287.82	1.78	29.47	71.0-72.0	6.32	326.71	0.65	33.45
28.0-29.0	17.62	305.44	1.80	31.27	72.0-73.0	5.93	332.64	0.61	34.06
29.0-30.0	17.80	323.24	1.82	33.10	73.0-74.0	5.54	338.18	0.57	34.62
30.0-31.0	17.94	341.18	1.84	34.93	74.0-75.0	5.16	343.34	0.53	35.15
31.0-32.0	18.04	359.22	1.85	36.78	75.0-76.0	4.78	348.12	0.49	35.64
32.0-33.0	18.11	377.33	1.85	38.63	76.0-77.0	4.41	352.53	0.45	36.09
33.0-34.0	18.15	395.49	1.86	40.49	77.0-78.0	4.04	356.58	0.41	36.51
34.0-35.0	18.15	413.64	1.86	42.35	78.0-79.0	3.68	360.25	0.38	36.88
35.0-36.0	18.11	431.76	1.85	44.21	79.0-80.0	3.31	363.57	0.34	37.22
36.0-37.0	18.05	449.81	1.85	46.05	80.0-81.0	2.95	366.51	0.30	37.53
37.0-38.0	17.96	467.77	1.84	47.89	81.0-82.0	2.59	369.10	0.26	37.79
38.0-39.0	17.84	485.61	1.83	49.72	82.0-83.0	2.24	371.34	0.23	38.02
39.0-40.0	17.69	503.30	1.81	51.53	83.0-84.0	1.90	373.24	0.19	38.21
40.0-41.0	17.52	520.82	1.79	53.32	84.0-85.0	1.58	374.82	0.16	38.38
41.0-42.0	17.32	538.14	1.77	55.10	85.0-86.0	1.28	376.10	0.13	38.51
42.0-43.0	17.09	555.23	1.75	56.85	86.0-87.0	1.02	377.12	0.10	38.61
43.0-44.0	16.85	572.08	1.72	58.57	87.0-88.0	0.78	377.91	0.08	38.69

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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
88.0-89.0	0.59	0.59	0.06	0.06	132.0-133.0	0.35	0.35	0.04	0.04
89.0-90.0	0.45	1.04	0.05	0.11	133.0-134.0	0.35	0.70	0.04	0.07
90.0-91.0	0.39	1.43	0.04	0.15	134.0-135.0	0.35	1.05	0.04	0.11
91.0-92.0	0.38	1.81	0.04	0.19	135.0-136.0	0.35	1.39	0.04	0.14
92.0-93.0	0.37	2.18	0.04	0.22	136.0-137.0	0.34	1.74	0.03	0.18
93.0-94.0	0.37	2.55	0.04	0.26	137.0-138.0	0.34	2.07	0.03	0.21
94.0-95.0	0.37	2.92	0.04	0.30	138.0-139.0	0.34	2.41	0.03	0.25
95.0-96.0	0.37	3.29	0.04	0.34	139.0-140.0	0.33	2.74	0.03	0.28
96.0-97.0	0.37	3.65	0.04	0.37	140.0-141.0	0.33	3.07	0.03	0.31
97.0-98.0	0.37	4.02	0.04	0.41	141.0-142.0	0.32	3.39	0.03	0.35
98.0-99.0	0.37	4.39	0.04	0.45	142.0-143.0	0.32	3.71	0.03	0.38
99.0-100.0	0.37	4.75	0.04	0.49	143.0-144.0	0.31	4.02	0.03	0.41
100.0-101.0	0.36	5.12	0.04	0.52	144.0-145.0	0.31	4.33	0.03	0.44
101.0-102.0	0.36	5.48	0.04	0.56	145.0-146.0	0.30	4.63	0.03	0.47
102.0-103.0	0.36	5.84	0.04	0.60	146.0-147.0	0.30	4.93	0.03	0.50
103.0-104.0	0.37	6.21	0.04	0.64	147.0-148.0	0.29	5.22	0.03	0.53
104.0-105.0	0.37	6.58	0.04	0.67	148.0-149.0	0.29	5.51	0.03	0.56
105.0-106.0	0.36	6.94	0.04	0.71	149.0-150.0	0.28	5.79	0.03	0.59
106.0-107.0	0.37	7.31	0.04	0.75	150.0-151.0	0.27	6.06	0.03	0.62
107.0-108.0	0.37	7.68	0.04	0.79	151.0-152.0	0.27	6.33	0.03	0.65
108.0-109.0	0.37	8.04	0.04	0.82	152.0-153.0	0.26	6.59	0.03	0.67
109.0-110.0	0.37	8.41	0.04	0.86	153.0-154.0	0.25	6.84	0.03	0.70
110.0-111.0	0.37	8.78	0.04	0.90	154.0-155.0	0.25	7.09	0.03	0.73
111.0-112.0	0.37	9.14	0.04	0.94	155.0-156.0	0.24	7.33	0.02	0.75
112.0-113.0	0.37	9.51	0.04	0.97	156.0-157.0	0.23	7.56	0.02	0.77
113.0-114.0	0.37	9.88	0.04	1.01	157.0-158.0	0.22	7.78	0.02	0.80
114.0-115.0	0.37	10.25	0.04	1.05	158.0-159.0	0.21	8.00	0.02	0.82
115.0-116.0	0.37	10.62	0.04	1.09	159.0-160.0	0.21	8.20	0.02	0.84
116.0-117.0	0.37	10.98	0.04	1.12	160.0-161.0	0.20	8.40	0.02	0.86
117.0-118.0	0.37	11.35	0.04	1.16	161.0-162.0	0.19	8.59	0.02	0.88
118.0-119.0	0.37	11.72	0.04	1.20	162.0-163.0	0.18	8.77	0.02	0.90
119.0-120.0	0.37	12.09	0.04	1.24	163.0-164.0	0.17	8.94	0.02	0.92
120.0-121.0	0.37	12.46	0.04	1.28	164.0-165.0	0.16	9.10	0.02	0.93
121.0-122.0	0.37	12.82	0.04	1.31	165.0-166.0	0.15	9.25	0.02	0.95
122.0-123.0	0.37	13.19	0.04	1.35	166.0-167.0	0.14	9.40	0.01	0.96
123.0-124.0	0.37	13.56	0.04	1.39	167.0-168.0	0.13	9.53	0.01	0.98
124.0-125.0	0.36	13.92	0.04	1.43	168.0-169.0	0.12	9.65	0.01	0.99
125.0-126.0	0.36	14.29	0.04	1.46	169.0-170.0	0.11	9.76	0.01	1.00
126.0-127.0	0.36	14.65	0.04	1.50	170.0-171.0	0.10	9.87	0.01	1.01
127.0-128.0	0.36	15.01	0.04	1.54	171.0-172.0	0.09	9.96	0.01	1.02
128.0-129.0	0.36	15.37	0.04	1.57	172.0-173.0	0.08	10.04	0.01	1.03
129.0-130.0	0.36	15.73	0.04	1.61	173.0-174.0	0.07	10.11	0.01	1.04
130.0-131.0	0.36	16.09	0.04	1.65	174.0-175.0	0.06	10.17	0.01	1.04
131.0-132.0	0.35	16.44	0.04	1.68	175.0-176.0	0.05	10.22	0.01	1.05

**IES Indoor Report**

**Photometric Filename:ICDLS12WCCT-WH-3K.IES**

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**Zonal Flux Tabulation - (Cont.)**

Zone ( γ )	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
176.0-177.0	0.04	0.04	0.00	0.00
177.0-178.0	0.03	0.07	0.00	0.01
178.0-179.0	0.02	0.08	0.00	0.01
179.0-180.0	0.01	0.09	0.00	0.01

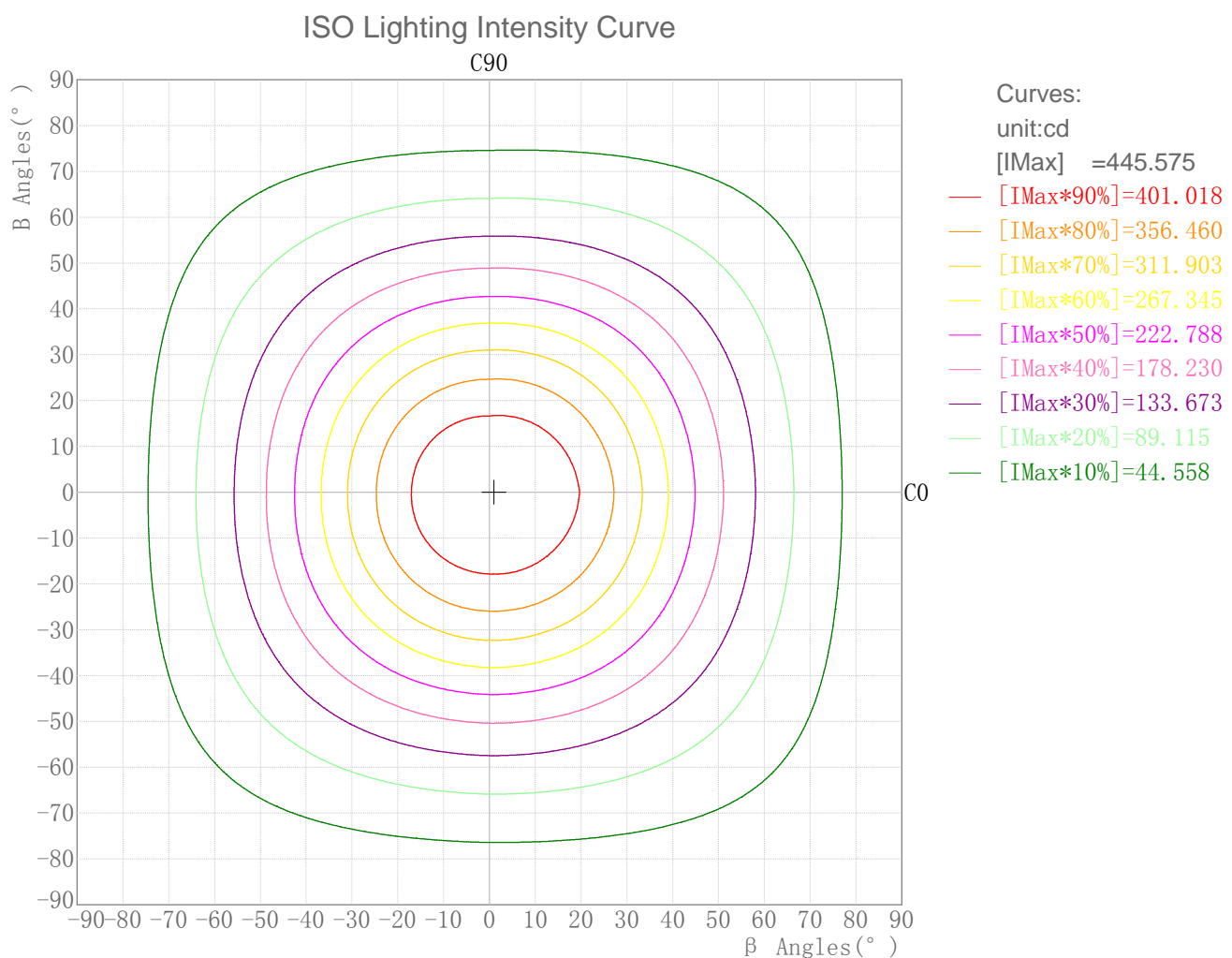


# IES Indoor Report

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## Rectangle ISO Lighting Intensity Diagram

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 3000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/15



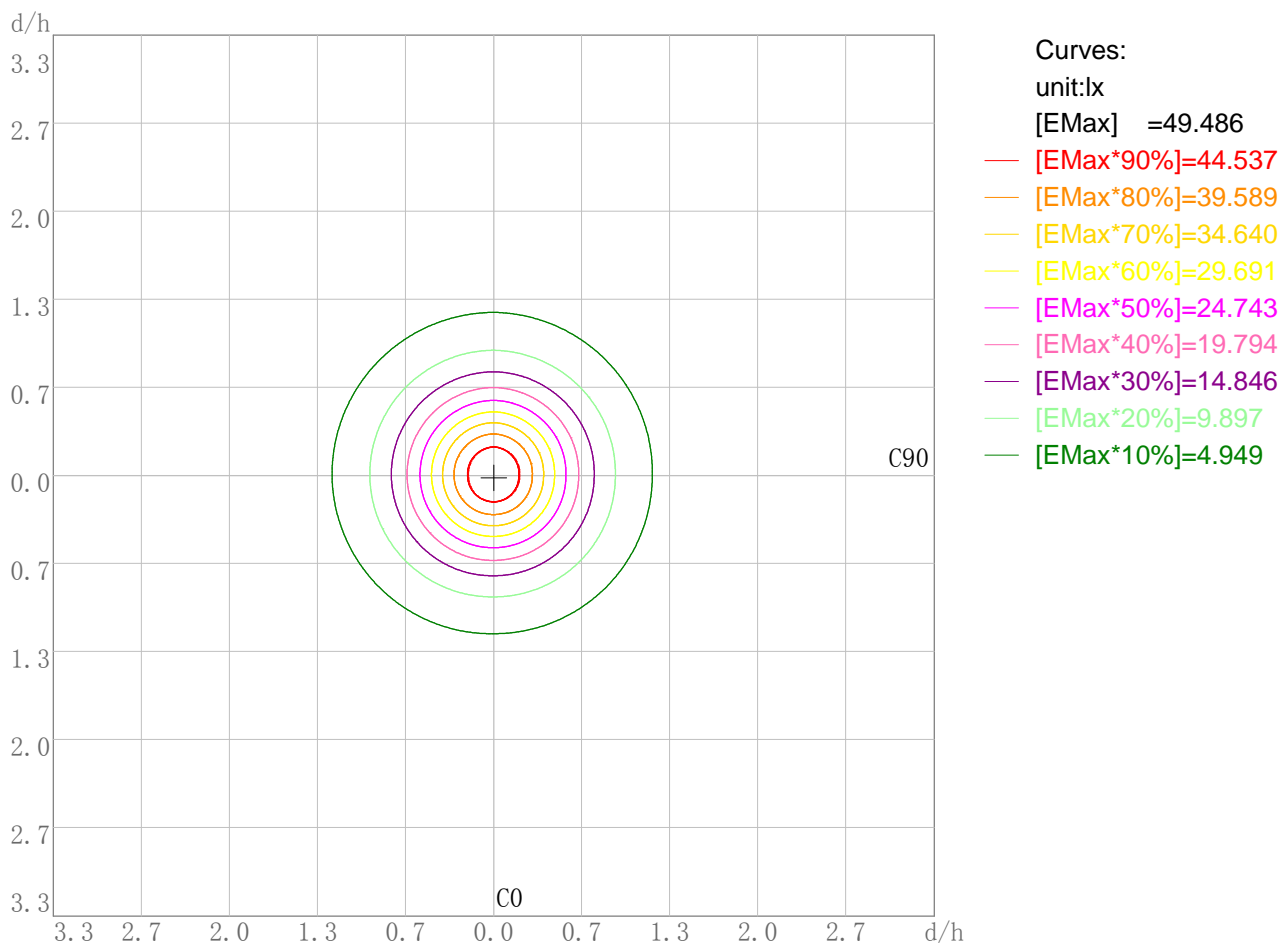
# IES Indoor Report

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## Plane ISO-Illuminance Diagram

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 3000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/15

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00  
 Working Plane Maximum Illuminance(lx): 49.49  
 Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

# IES Indoor Report

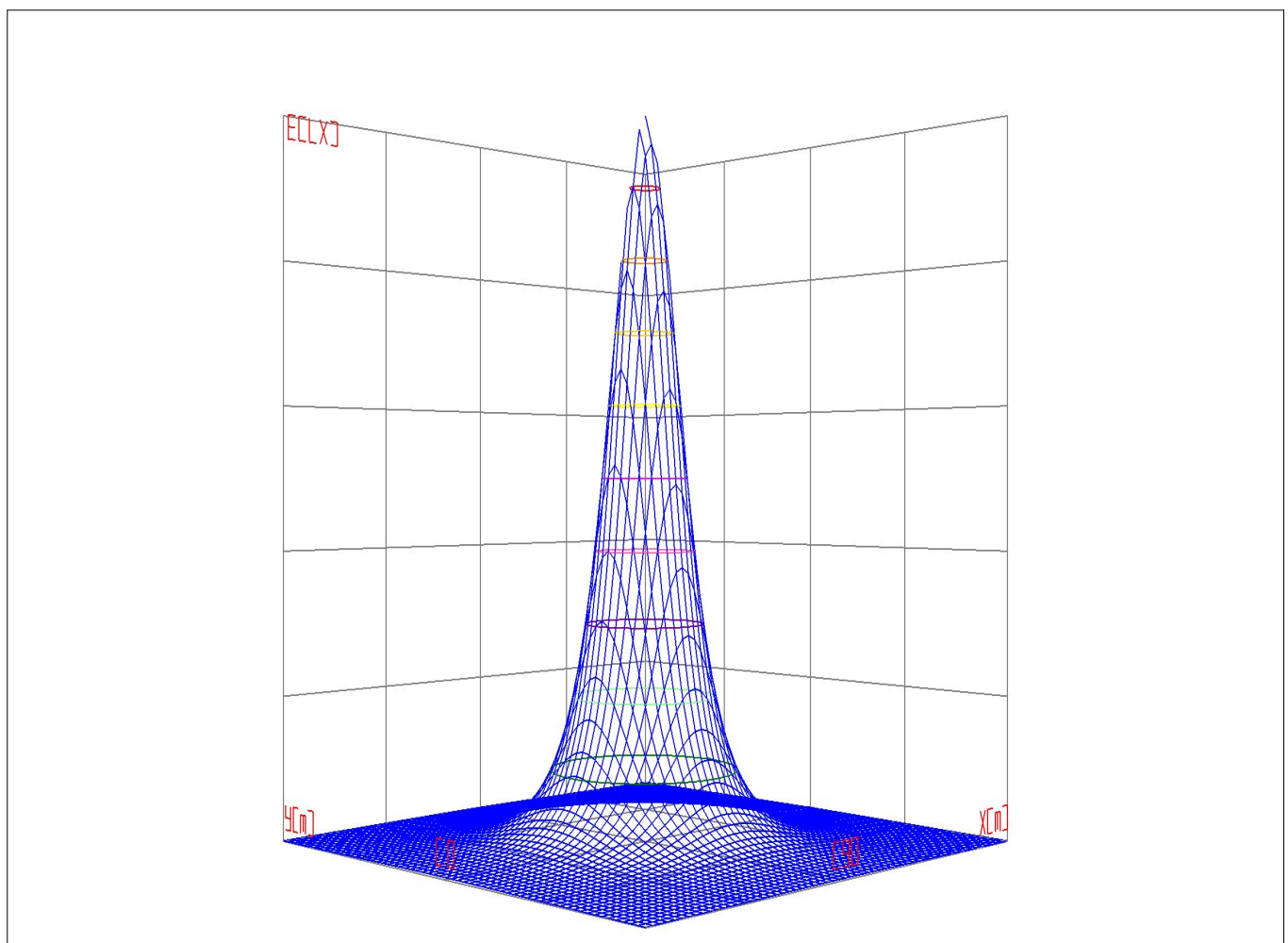
Photometric Filename:ICDLS12WCCT-WH-3K.IES

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## 3D Plane ISO Illuminance Diagram

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 3000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/15

### 3D Plane Illuminance Modal



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

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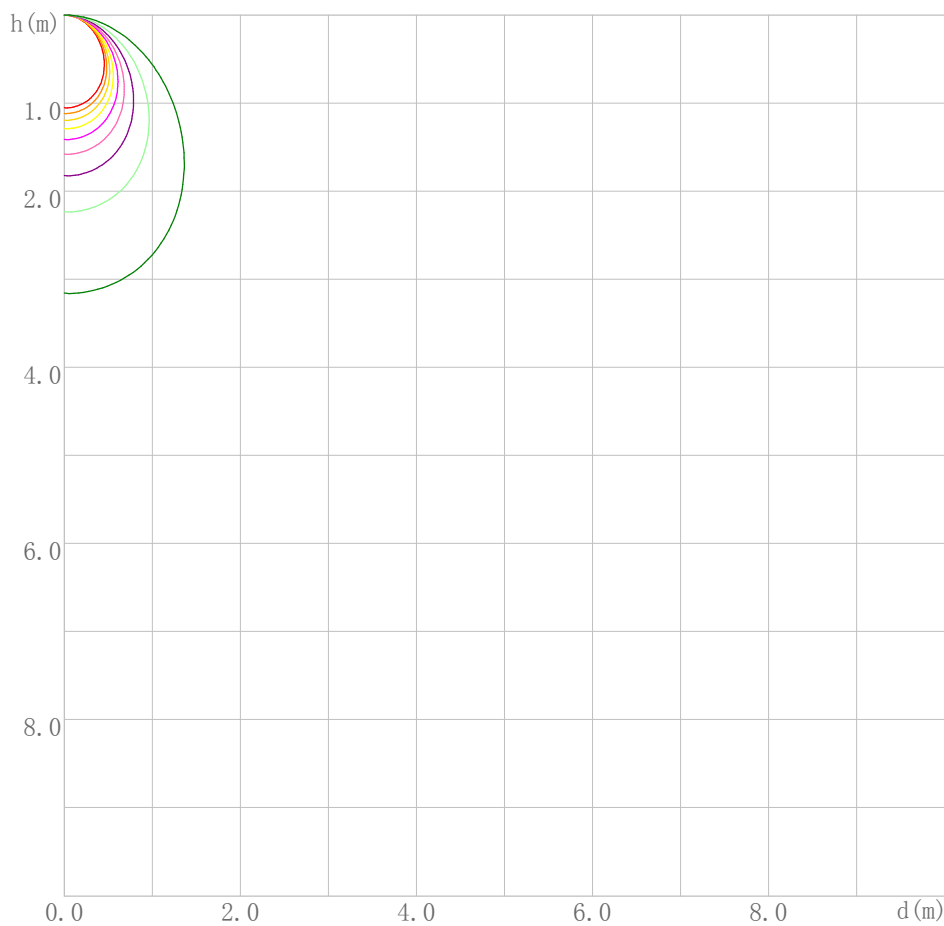
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## Space ISO Illuminance Diagram

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 3000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/15

### Space ISO Illuminance Curve



- Curves:  
unit:lx  
[EMax] =445.371
- [EMax\*90%]=400.834
  - [EMax\*80%]=356.297
  - [EMax\*70%]=311.760
  - [EMax\*60%]=267.223
  - [EMax\*50%]=222.686
  - [EMax\*40%]=178.149
  - [EMax\*30%]=133.611
  - [EMax\*20%]=89.074
  - [EMax\*10%]=44.537

Space Plane Maximum Illuminance and @Angle:445.37,1.0deg  
Plane Maximum Lighting Intensity and @Angle:445.575cd,0deg

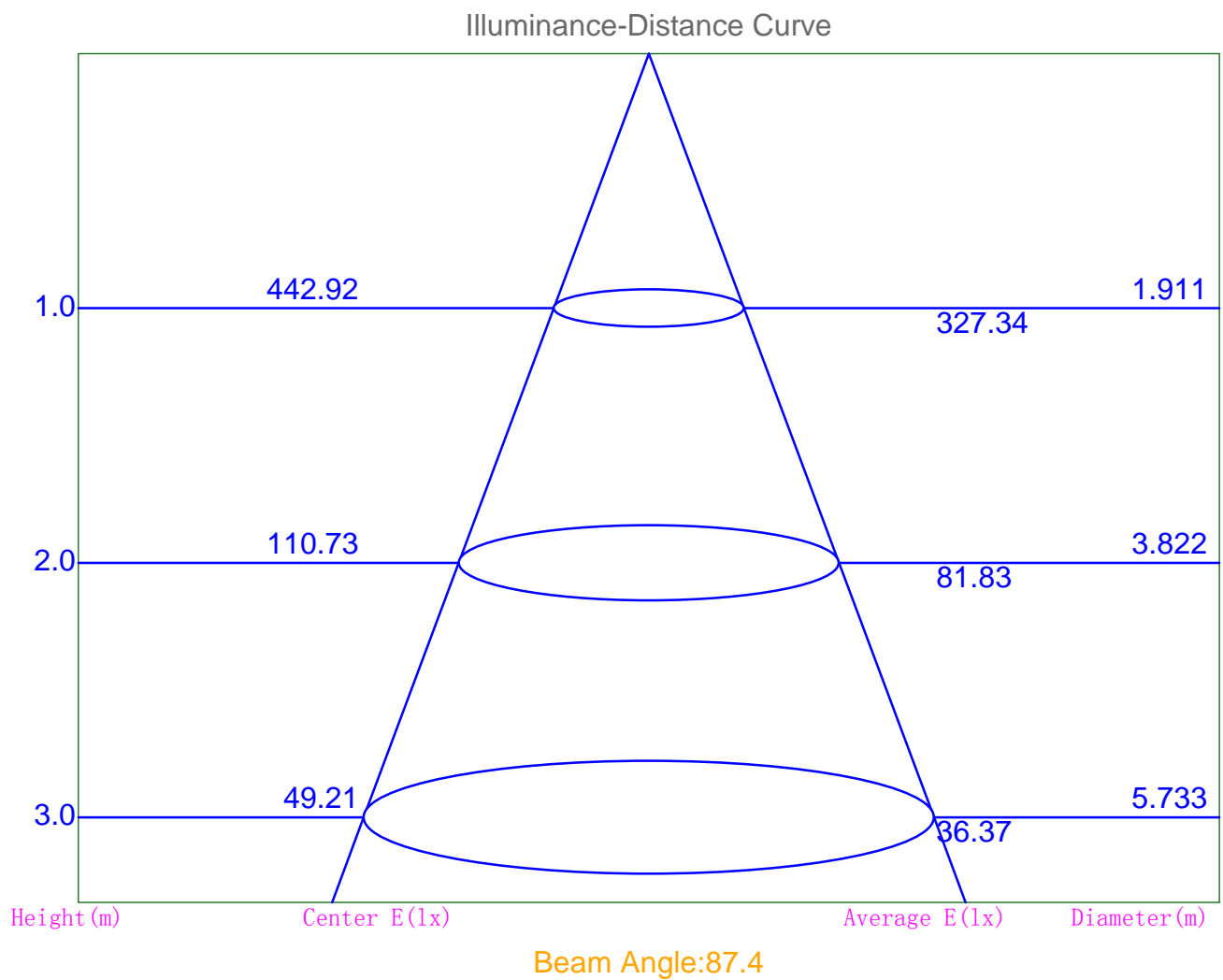
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## Illuminance-Distance Diagram

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 3000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/15



**Indoor Luminance Limiting Curves**

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 3000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/15

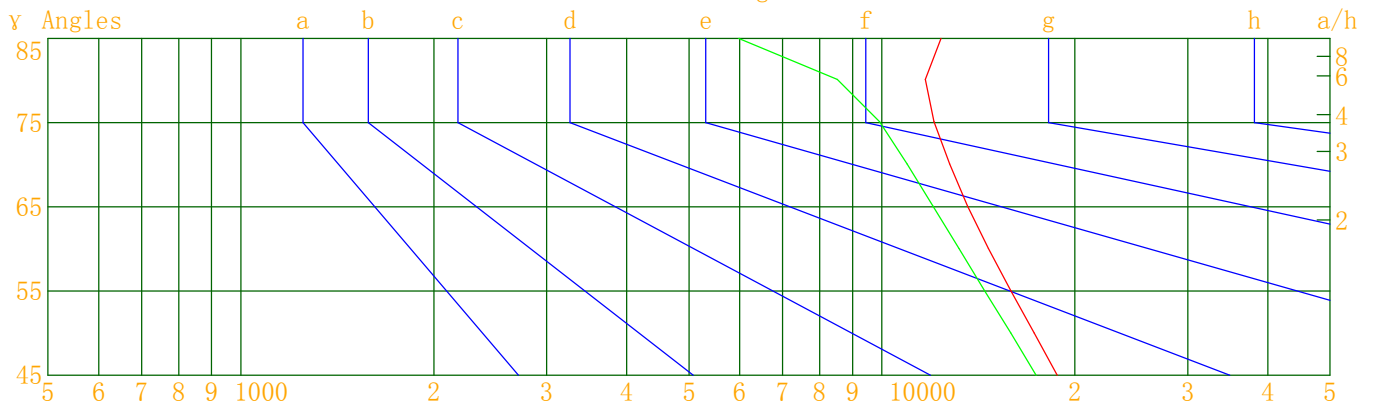
Glare Grade Table

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	18778	17283	15895	14660	13602	12760	12058	11685	12371
C90	17402	15881	14464	13182	12009	10945	9919	8518	5976

Luminance Limiting Curve



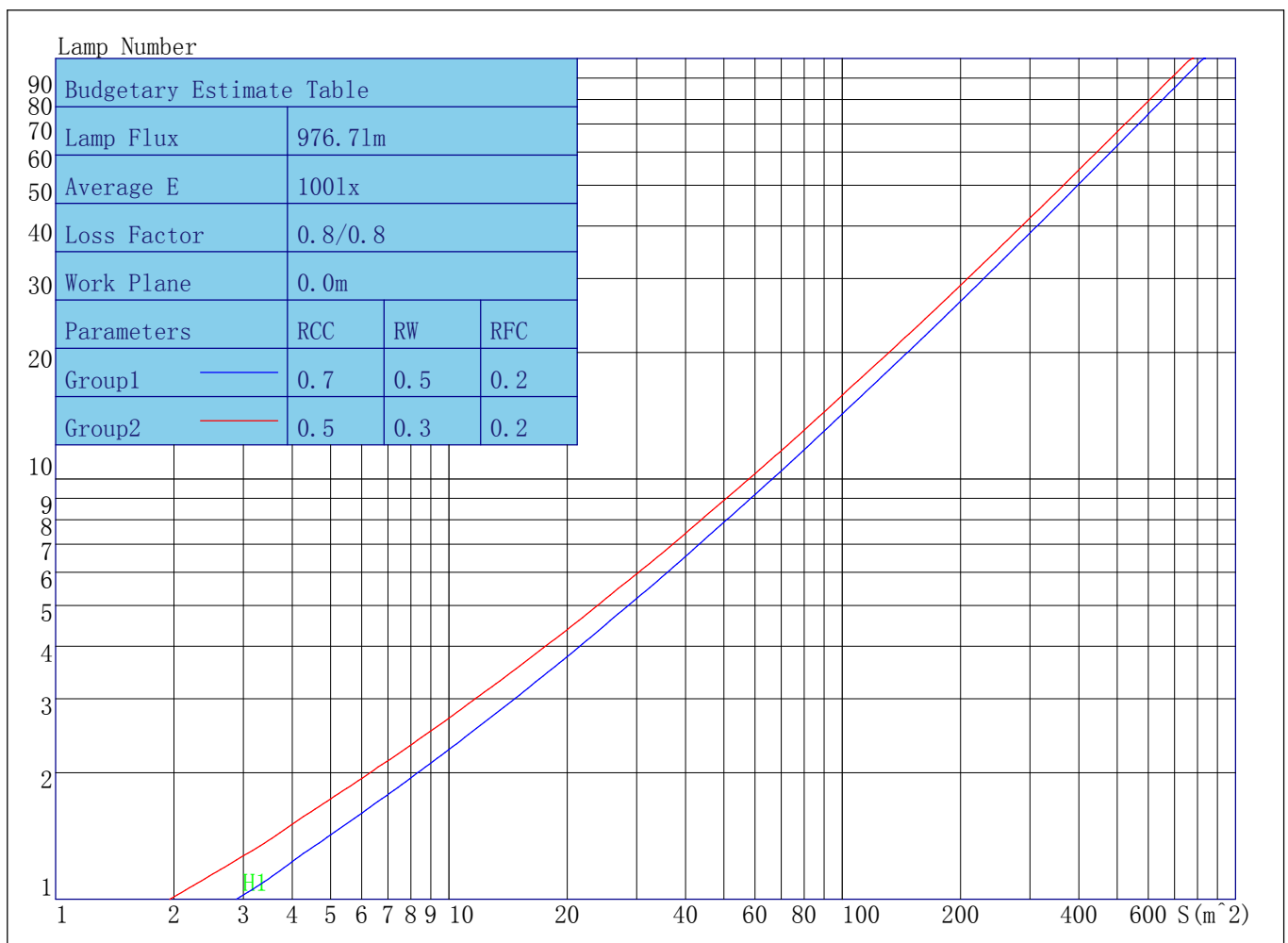
Luminous Size: Length(m)=0.110 Width(m)=0.110 Height(m)=0.042 Area(m^2)=0.016720  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

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## Indoor Budgetary Estimate Table

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 3000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/15



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

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## Indoor Coefficient of Utilization Table

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 3000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/15

Coefficients of Utilization - Zonal Cavity Method																		
Coef.	Effective Floor Cavity Reflectance RFC=0.20																	
RhoCC (%)	80				70				50			30			10			0
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Coefficient of Utilization(%)																	
0	118	118	118	118	115	115	115	115	110	110	110	104	104	104	100	100	100	97
1	109	105	101	97	106	102	99	95	97	95	92	93	91	89	89	87	86	83
2	100	92	86	81	97	90	85	80	86	82	77	83	79	75	79	76	73	71
3	92	82	74	68	89	80	73	68	77	71	66	74	69	65	71	67	63	61
4	85	73	65	59	82	72	64	58	69	63	57	67	61	56	64	59	55	53
5	78	66	58	51	76	65	57	51	63	56	50	60	54	50	58	53	49	47
6	73	60	52	46	71	59	51	45	57	50	45	55	49	44	53	48	43	41
7	68	55	46	41	66	54	46	40	52	45	40	50	44	39	49	43	39	37
8	63	50	42	37	61	49	42	36	48	41	36	47	40	36	45	40	35	33
9	59	46	39	33	58	46	38	33	44	38	33	43	37	32	42	36	32	30
10	56	43	35	30	54	42	35	30	41	35	30	40	34	30	39	34	29	28

# IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-3K.IES

## Unified Glare Rating Table

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 3000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/15

## 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	36.4	39.7	37.3	40.4	41.2	35.9	39.1	36.7	39.9	40.6
Y=3H	40.2	43.4	41.0	44.2	44.9	39.3	42.5	40.1	43.3	44.1
Y=4H	42.6	45.4	43.5	46.2	47.0	41.5	44.3	42.4	45.1	45.9
Y=6H	44.3	47.0	45.1	47.8	48.5	42.8	45.5	43.7	46.3	47.1
Y=8H	44.9	47.6	45.8	48.4	49.2	43.2	45.9	44.1	46.7	47.4
Y=12H	45.5	48.1	46.3	48.9	49.7	43.4	46.1	44.3	46.9	47.6
X=4H Y=2H	37.6	40.4	38.4	41.1	41.9	37.2	40.0	38.1	40.8	41.5
Y=3H	41.6	44.4	42.5	45.2	45.9	40.9	43.7	41.8	44.5	45.3
Y=4H	42.6	44.2	43.7	45.2	46.2	41.7	43.3	42.8	44.3	45.3
Y=6H	44.7	46.2	45.8	47.2	48.2	43.4	44.9	44.6	45.9	46.9
Y=8H	45.6	47.0	46.7	48.1	49.0	44.0	45.4	45.2	46.5	47.4
Y=12H	45.5	46.7	46.7	47.8	48.9	43.5	44.7	44.7	45.8	46.9
X=8H Y=4H	42.9	44.3	44.0	45.3	46.3	42.1	43.5	43.2	44.5	45.5
Y=6H	44.4	45.3	45.6	46.5	47.5	43.2	44.2	44.5	45.4	46.4
Y=8H	45.0	45.7	46.3	46.9	48.1	43.5	44.3	44.8	45.5	46.6
Y=12H	46.0	46.7	47.3	47.9	49.0	44.1	44.8	45.4	46.0	47.1
X=12H Y=4H	42.0	43.1	43.2	44.3	45.3	41.2	42.4	42.4	43.5	44.6
Y=6H	43.9	44.7	45.2	45.9	47.0	42.8	43.6	44.1	44.8	45.9
Y=8H	45.0	45.7	46.3	46.9	48.1	43.6	44.3	44.9	45.6	46.7
Variations with the objver position at spacings										
S=1.0H	2.7/-1.4					2.8/-0.9				
S=1.5H	-1.4/-20.1					-0.9/-19.2				
S=2.0H	-1.4/-20.1					-0.9/-19.2				

# IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-3K.IES

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## Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
Y 0.0	442.92	442.92	442.92	442.92
Y 1.0	445.58	438.46	444.40	439.14
Y 2.0	445.39	438.15	443.70	438.72
Y 3.0	444.75	437.14	442.70	438.20
Y 4.0	444.12	435.87	441.19	437.64
Y 5.0	443.50	435.05	439.72	436.95
Y 6.0	442.38	433.59	438.23	435.45
Y 7.0	441.15	431.61	436.05	433.51
Y 8.0	439.45	429.49	433.69	431.83
Y 9.0	438.07	427.11	431.36	429.98
Y 10.0	435.81	424.47	428.69	427.50
Y 11.0	433.35	421.72	425.56	425.07
Y 12.0	430.50	418.59	422.10	422.47
Y 13.0	427.56	415.61	418.67	419.42
Y 14.0	424.46	411.83	414.67	415.77
Y 15.0	421.28	408.13	410.38	412.71
Y 16.0	417.06	403.81	405.77	408.61
Y 17.0	413.15	399.38	401.19	404.68
Y 18.0	408.92	394.58	396.34	400.23
Y 19.0	404.08	389.54	391.24	395.41
Y 20.0	399.41	383.89	385.55	390.47
Y 21.0	394.17	378.57	379.98	385.34
Y 22.0	388.88	372.85	373.96	380.05
Y 23.0	382.64	366.57	367.86	374.67
Y 24.0	376.59	360.54	361.08	368.23
Y 25.0	370.81	354.18	354.19	362.60
Y 26.0	364.42	347.77	347.86	356.16
Y 27.0	357.74	340.83	340.73	349.61
Y 28.0	350.97	333.86	333.29	342.67
Y 29.0	344.14	326.61	326.12	336.01
Y 30.0	336.84	319.37	319.11	328.92
Y 31.0	329.65	311.93	311.48	321.49
Y 32.0	322.13	304.36	303.72	314.22
Y 33.0	314.72	296.83	296.08	307.16
Y 34.0	307.08	289.53	288.40	299.63
Y 35.0	299.20	281.80	280.41	292.00
Y 36.0	291.24	273.97	272.82	284.24
Y 37.0	283.59	266.31	264.95	276.86
Y 38.0	276.17	258.73	256.99	269.13
Y 39.0	268.10	251.03	249.37	261.50
Y 40.0	260.35	242.86	241.70	253.79
Y 41.0	252.60	235.61	234.13	246.47
Y 42.0	244.68	228.05	226.48	238.79
Y 43.0	237.01	220.43	219.12	231.10

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# IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-3K.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
Y 44.0	229.40	213.03	211.60	223.71
Y 45.0	222.01	205.74	204.24	216.54
Y 46.0	214.40	198.50	197.11	209.25
Y 47.0	206.98	191.37	190.01	201.92
Y 48.0	199.69	184.32	182.92	194.76
Y 49.0	192.62	177.49	176.09	187.97
Y 50.0	185.75	170.68	169.44	180.88
Y 51.0	178.87	163.97	162.81	174.19
Y 52.0	171.97	157.52	156.37	167.57
Y 53.0	165.24	151.05	150.22	161.13
Y 54.0	158.73	144.88	144.09	154.67
Y 55.0	152.44	138.72	137.81	148.51
Y 56.0	146.22	132.72	131.93	142.37
Y 57.0	140.15	126.94	126.18	136.45
Y 58.0	134.13	121.28	120.45	130.54
Y 59.0	128.33	115.72	114.96	124.80
Y 60.0	122.56	110.20	109.59	119.24
Y 61.0	117.03	104.90	104.34	113.80
Y 62.0	111.70	99.76	99.15	108.46
Y 63.0	106.36	94.61	94.18	103.29
Y 64.0	101.13	89.67	89.26	98.26
Y 65.0	96.12	84.86	84.52	93.26
Y 66.0	91.22	80.17	79.86	88.44
Y 67.0	86.54	75.60	75.36	83.72
Y 68.0	82.02	71.13	70.88	79.19
Y 69.0	77.48	66.85	66.51	74.67
Y 70.0	72.97	62.59	62.26	70.28
Y 71.0	68.57	58.44	58.17	65.98
Y 72.0	64.30	54.41	54.19	61.81
Y 73.0	60.15	50.48	50.24	57.76
Y 74.0	56.10	46.63	46.39	53.75
Y 75.0	52.18	42.92	42.69	49.94
Y 76.0	48.30	39.31	39.06	46.13
Y 77.0	44.48	35.77	35.49	42.39
Y 78.0	40.89	32.24	32.03	38.80
Y 79.0	37.36	28.49	28.68	35.35
Y 80.0	33.92	24.73	25.36	31.89
Y 81.0	30.55	21.08	22.24	28.23
Y 82.0	27.27	17.70	19.23	24.55
Y 83.0	24.00	14.69	16.30	20.95
Y 84.0	20.97	11.57	13.54	17.57
Y 85.0	18.03	8.71	10.97	14.44
Y 86.0	15.22	6.70	8.57	11.37
Y 87.0	12.47	5.04	6.21	8.94

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# IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-3K.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
Y 88.0	9.90	3.48	4.01	7.23
Y 89.0	7.32	2.60	2.65	5.76
Y 90.0	5.14	2.58	2.54	4.52
Y 91.0	4.39	2.59	2.59	4.20
Y 92.0	4.28	2.63	2.62	4.14
Y 93.0	4.17	2.68	2.59	4.05
Y 94.0	4.18	2.63	2.62	4.07
Y 95.0	4.13	2.66	2.72	4.04
Y 96.0	4.06	2.71	2.71	3.94
Y 97.0	4.08	2.72	2.75	3.91
Y 98.0	4.07	2.71	2.81	3.90
Y 99.0	4.05	2.80	2.80	3.88
Y 100.0	4.04	2.84	2.77	3.86
Y 101.0	4.03	2.84	2.83	3.85
Y 102.0	4.01	2.86	2.85	3.81
Y 103.0	4.01	2.98	2.85	3.85
Y 104.0	4.02	2.97	2.90	3.89
Y 105.0	3.96	2.98	2.97	3.82
Y 106.0	3.99	3.03	2.97	3.83
Y 107.0	4.05	3.06	3.06	3.87
Y 108.0	4.04	3.07	3.20	3.84
Y 109.0	4.05	3.12	3.12	3.82
Y 110.0	4.09	3.19	3.12	3.85
Y 111.0	4.11	3.23	3.19	3.87
Y 112.0	4.08	3.27	3.19	3.86
Y 113.0	4.09	3.34	3.21	3.91
Y 114.0	4.09	3.34	3.30	3.95
Y 115.0	4.12	3.41	3.36	3.96
Y 116.0	4.15	3.45	3.37	3.94
Y 117.0	4.20	3.44	3.44	4.02
Y 118.0	4.22	3.47	3.50	3.98
Y 119.0	4.29	3.58	3.54	3.99
Y 120.0	4.33	3.59	3.59	4.09
Y 121.0	4.29	3.61	3.61	4.06
Y 122.0	4.32	3.70	3.63	4.07
Y 123.0	4.40	3.78	3.65	4.17
Y 124.0	4.35	3.79	3.75	4.20
Y 125.0	4.38	3.85	3.77	4.22
Y 126.0	4.45	3.90	3.83	4.25
Y 127.0	4.47	3.91	3.91	4.28
Y 128.0	4.50	3.94	3.95	4.29
Y 129.0	4.57	4.03	3.98	4.30
Y 130.0	4.63	4.06	4.06	4.36
Y 131.0	4.68	4.10	4.11	4.36

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# IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-3K.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
Y 132.0	4.67	4.17	4.08	4.38
Y 133.0	4.69	4.22	4.12	4.45
Y 134.0	4.68	4.27	4.22	4.52
Y 135.0	4.76	4.36	4.27	4.51
Y 136.0	4.82	4.35	4.28	4.65
Y 137.0	4.81	4.35	4.38	4.59
Y 138.0	4.83	4.44	4.44	4.64
Y 139.0	4.93	4.48	4.48	4.65
Y 140.0	4.96	4.47	4.51	4.70
Y 141.0	4.99	4.55	4.57	4.72
Y 142.0	5.05	4.62	4.57	4.74
Y 143.0	5.08	4.65	4.64	4.79
Y 144.0	5.06	4.69	4.68	4.83
Y 145.0	5.11	4.77	4.69	4.83
Y 146.0	5.14	4.76	4.75	4.95
Y 147.0	5.16	4.81	4.86	4.98
Y 148.0	5.21	4.85	4.87	5.00
Y 149.0	5.26	4.86	4.91	5.00
Y 150.0	5.27	4.89	5.01	5.05
Y 151.0	5.35	4.97	5.01	5.05
Y 152.0	5.39	5.01	5.00	5.06
Y 153.0	5.37	5.01	5.06	5.12
Y 154.0	5.40	5.10	5.11	5.21
Y 155.0	5.45	5.14	5.12	5.20
Y 156.0	5.46	5.12	5.17	5.24
Y 157.0	5.44	5.16	5.25	5.31
Y 158.0	5.49	5.22	5.28	5.32
Y 159.0	5.56	5.22	5.33	5.32
Y 160.0	5.57	5.22	5.37	5.34
Y 161.0	5.62	5.28	5.39	5.39
Y 162.0	5.67	5.28	5.40	5.38
Y 163.0	5.66	5.36	5.47	5.42
Y 164.0	5.66	5.40	5.47	5.48
Y 165.0	5.71	5.43	5.46	5.51
Y 166.0	5.71	5.43	5.55	5.53
Y 167.0	5.70	5.49	5.62	5.61
Y 168.0	5.74	5.47	5.61	5.61
Y 169.0	5.79	5.46	5.60	5.62
Y 170.0	5.78	5.49	5.73	5.64
Y 171.0	5.87	5.51	5.70	5.65
Y 172.0	5.84	5.52	5.71	5.64
Y 173.0	5.86	5.53	5.75	5.70
Y 174.0	5.85	5.59	5.80	5.74
Y 175.0	5.81	5.59	5.81	5.76

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# IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-3K.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
Y 176.0	5.88	5.58	5.79	5.78
Y 177.0	5.84	5.62	5.82	5.83
Y 178.0	5.87	5.61	5.85	5.78
Y 179.0	5.83	5.61	5.83	5.83
Y 180.0	5.83	5.83	5.83	5.83

