

IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-4K.IES

Indoor Luminaire Photometric Data

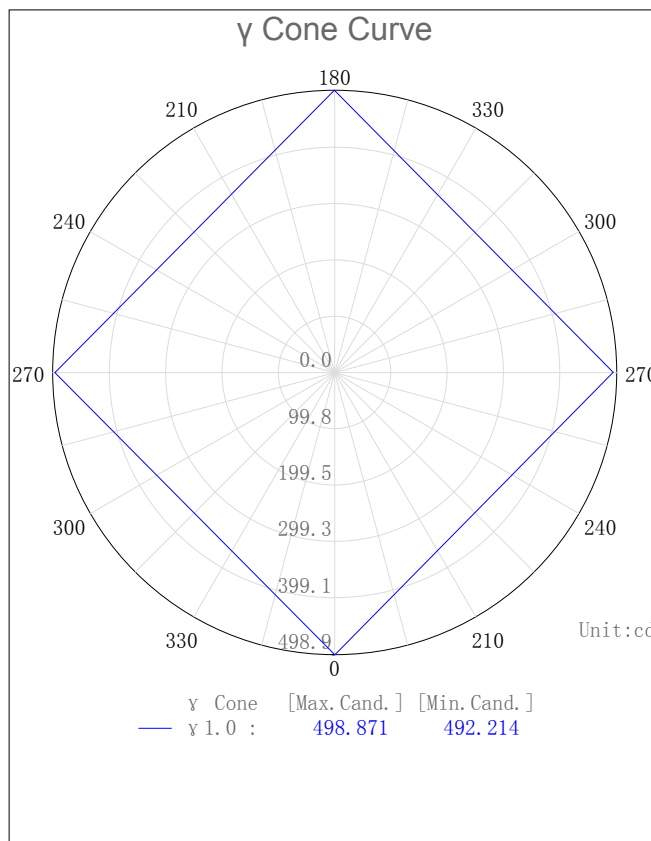
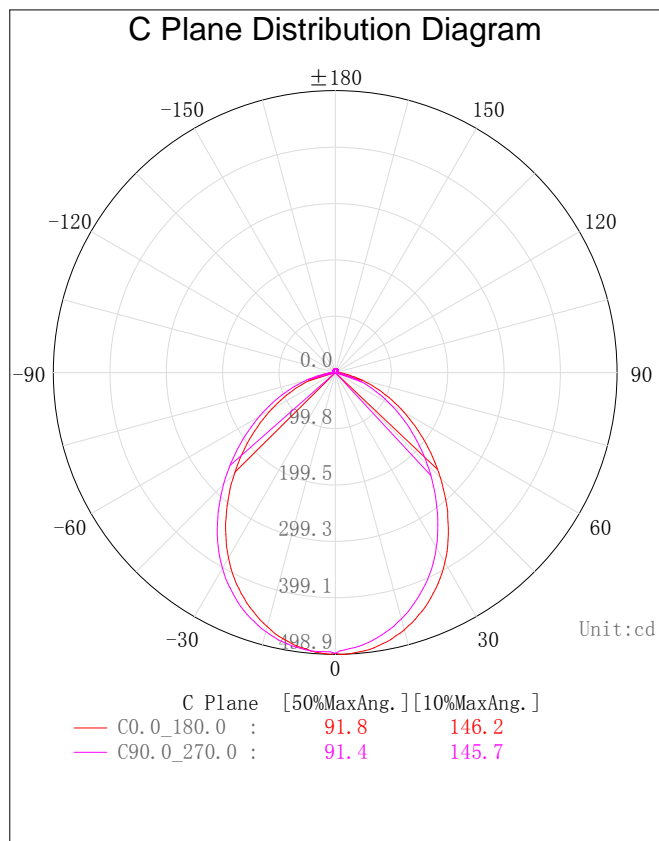
Description Information

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 4000K	Lamp Catalog: SMD52835	Test Date: 2020/03/15
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): 1113.750	Luminaire Flux: 1113.750lm	Field Angle(10%Imax): 146.2
Rated Power(W):	Luminaire Efficiency: 100.00%	Down Lumens&Percent: 1085.602lm 97.47%
Rated Voltage(V):	Luminaire EER(lm/W): 93.045	Up Lumens&Percent: 28.148lm 2.53%
Tested Power(W): 11.970	Max. Cand. (cd): 498.871	S/MH: C0_a180=1.156 C90_270=1.145
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electric:U=240.9V, I=0.053A, PF=0.000	Beam Angle(50%Imax): 91.8	ErP Φuse(120°): 920.047lm
Lamp Size(W*L*H):0.110m*0.110m*0.042m	Left=-45.2 Right=46.6	IRF: 127.339%

Lighting Distribution Diagram



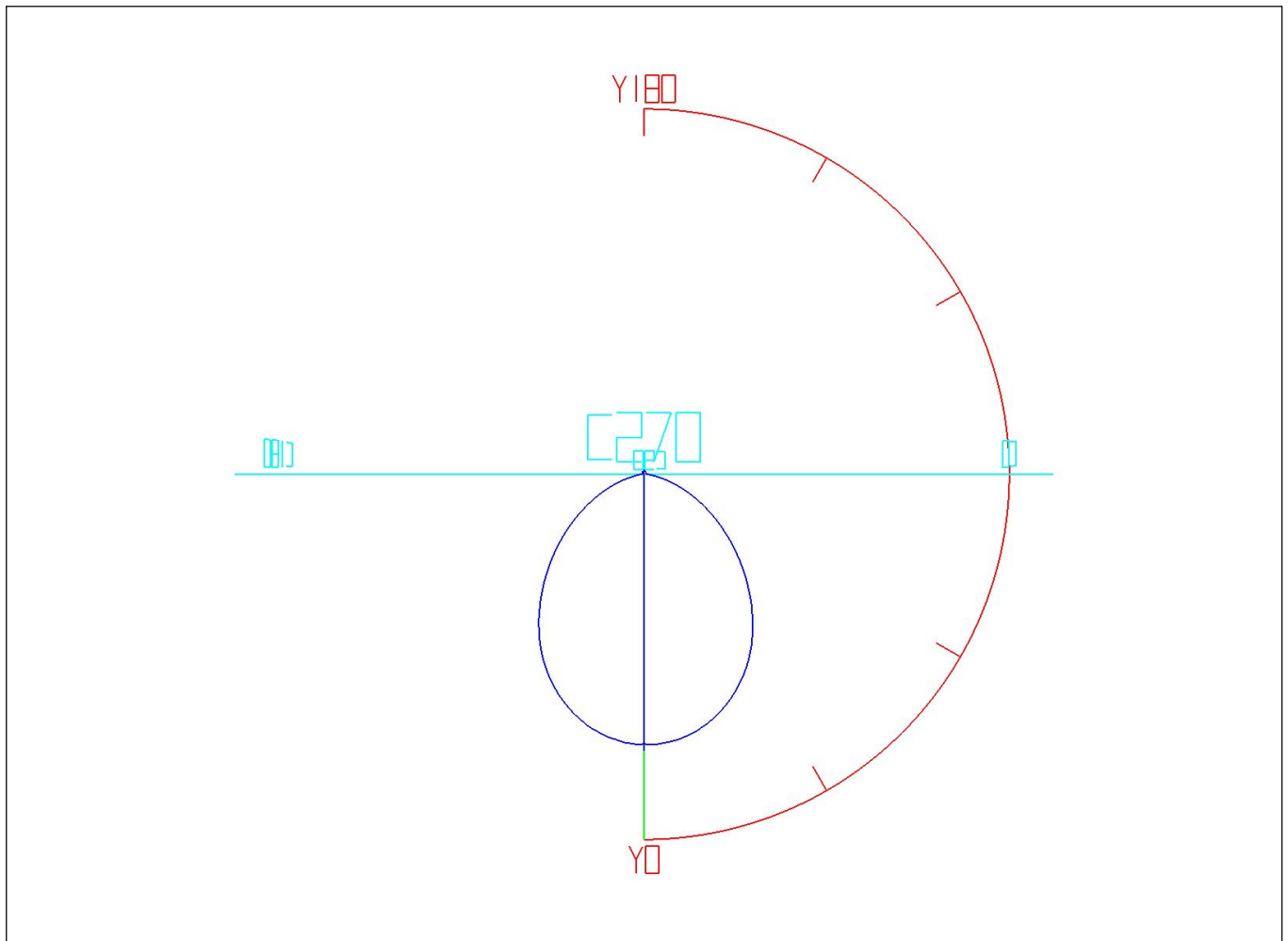
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3D Light Intensity Distribution Modal

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 4000K	Lamp Catalog: SMD52835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/03/15

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	0.48	0.48	0.04	0.04	44.0-45.0	20.01	20.01	1.80	1.80
1.0-2.0	1.42	1.90	0.13	0.17	45.0-46.0	19.69	39.69	1.77	3.56
2.0-3.0	2.37	4.27	0.21	0.38	46.0-47.0	19.34	59.03	1.74	5.30
3.0-4.0	3.31	7.58	0.30	0.68	47.0-48.0	18.96	77.99	1.70	7.00
4.0-5.0	4.24	11.82	0.38	1.06	48.0-49.0	18.56	96.56	1.67	8.67
5.0-6.0	5.17	16.99	0.46	1.53	49.0-50.0	18.14	114.70	1.63	10.30
6.0-7.0	6.08	23.07	0.55	2.07	50.0-51.0	17.71	132.41	1.59	11.89
7.0-8.0	6.99	30.06	0.63	2.70	51.0-52.0	17.25	149.67	1.55	13.44
8.0-9.0	7.88	37.94	0.71	3.41	52.0-53.0	16.77	166.44	1.51	14.94
9.0-10.0	8.75	46.70	0.79	4.19	53.0-54.0	16.27	182.71	1.46	16.40
10.0-11.0	9.61	56.31	0.86	5.06	54.0-55.0	15.76	198.46	1.41	17.82
11.0-12.0	10.45	66.76	0.94	5.99	55.0-56.0	15.24	213.70	1.37	19.19
12.0-13.0	11.28	78.03	1.01	7.01	56.0-57.0	14.71	228.41	1.32	20.51
13.0-14.0	12.07	90.10	1.08	8.09	57.0-58.0	14.16	242.58	1.27	21.78
14.0-15.0	12.84	102.94	1.15	9.24	58.0-59.0	13.61	256.18	1.22	23.00
15.0-16.0	13.59	116.53	1.22	10.46	59.0-60.0	13.04	269.22	1.17	24.17
16.0-17.0	14.31	130.84	1.29	11.75	60.0-61.0	12.47	281.69	1.12	25.29
17.0-18.0	15.00	145.84	1.35	13.09	61.0-62.0	11.89	293.58	1.07	26.36
18.0-19.0	15.66	161.51	1.41	14.50	62.0-63.0	11.31	304.89	1.02	27.38
19.0-20.0	16.30	177.81	1.46	15.97	63.0-64.0	10.72	315.61	0.96	28.34
20.0-21.0	16.91	194.73	1.52	17.48	64.0-65.0	10.13	325.74	0.91	29.25
21.0-22.0	17.48	212.21	1.57	19.05	65.0-66.0	9.54	335.28	0.86	30.10
22.0-23.0	18.02	230.23	1.62	20.67	66.0-67.0	8.95	344.23	0.80	30.91
23.0-24.0	18.53	248.76	1.66	22.33	67.0-68.0	8.37	352.61	0.75	31.66
24.0-25.0	19.00	267.75	1.71	24.04	68.0-69.0	7.79	360.39	0.70	32.36
25.0-26.0	19.42	287.18	1.74	25.78	69.0-70.0	7.21	367.60	0.65	33.01
26.0-27.0	19.82	307.00	1.78	27.56	70.0-71.0	6.64	374.24	0.60	33.60
27.0-28.0	20.18	327.18	1.81	29.38	71.0-72.0	6.07	380.31	0.55	34.15
28.0-29.0	20.49	347.67	1.84	31.22	72.0-73.0	5.52	385.83	0.50	34.64
29.0-30.0	20.76	368.43	1.86	33.08	73.0-74.0	4.99	390.82	0.45	35.09
30.0-31.0	20.99	389.42	1.88	34.96	74.0-75.0	4.47	395.30	0.40	35.49
31.0-32.0	21.18	410.60	1.90	36.87	75.0-76.0	3.97	399.27	0.36	35.85
32.0-33.0	21.32	431.92	1.91	38.78	76.0-77.0	3.50	402.77	0.31	36.16
33.0-34.0	21.41	453.32	1.92	40.70	77.0-78.0	3.05	405.82	0.27	36.44
34.0-35.0	21.47	474.80	1.93	42.63	78.0-79.0	2.64	408.46	0.24	36.67
35.0-36.0	21.49	496.29	1.93	44.56	79.0-80.0	2.27	410.73	0.20	36.88
36.0-37.0	21.47	517.76	1.93	46.49	80.0-81.0	1.94	412.67	0.17	37.05
37.0-38.0	21.39	539.15	1.92	48.41	81.0-82.0	1.65	414.32	0.15	37.20
38.0-39.0	21.30	560.45	1.91	50.32	82.0-83.0	1.40	415.71	0.13	37.33
39.0-40.0	21.18	581.63	1.90	52.22	83.0-84.0	1.20	416.91	0.11	37.43
40.0-41.0	21.00	602.64	1.89	54.11	84.0-85.0	1.05	417.96	0.09	37.53
41.0-42.0	20.79	623.43	1.87	55.98	85.0-86.0	0.91	418.87	0.08	37.61
42.0-43.0	20.56	644.00	1.85	57.82	86.0-87.0	0.77	419.64	0.07	37.68
43.0-44.0	20.30	664.30	1.82	59.65	87.0-88.0	0.65	420.29	0.06	37.74

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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	0.54	0.54	0.05	0.05	132.0-133.0	0.39	0.39	0.04	0.04
89.0-90.0	0.47	1.01	0.04	0.09	133.0-134.0	0.39	0.78	0.03	0.07
90.0-91.0	0.42	1.43	0.04	0.13	134.0-135.0	0.38	1.16	0.03	0.10
91.0-92.0	0.40	1.83	0.04	0.16	135.0-136.0	0.38	1.54	0.03	0.14
92.0-93.0	0.39	2.23	0.04	0.20	136.0-137.0	0.38	1.92	0.03	0.17
93.0-94.0	0.39	2.62	0.04	0.24	137.0-138.0	0.37	2.30	0.03	0.21
94.0-95.0	0.39	3.01	0.03	0.27	138.0-139.0	0.37	2.67	0.03	0.24
95.0-96.0	0.39	3.40	0.03	0.31	139.0-140.0	0.37	3.03	0.03	0.27
96.0-97.0	0.39	3.79	0.04	0.34	140.0-141.0	0.36	3.40	0.03	0.30
97.0-98.0	0.39	4.18	0.03	0.38	141.0-142.0	0.36	3.75	0.03	0.34
98.0-99.0	0.39	4.57	0.03	0.41	142.0-143.0	0.35	4.11	0.03	0.37
99.0-100.0	0.39	4.96	0.04	0.44	143.0-144.0	0.35	4.45	0.03	0.40
100.0-101.0	0.39	5.35	0.04	0.48	144.0-145.0	0.34	4.80	0.03	0.43
101.0-102.0	0.39	5.74	0.04	0.52	145.0-146.0	0.34	5.13	0.03	0.46
102.0-103.0	0.39	6.13	0.04	0.55	146.0-147.0	0.33	5.46	0.03	0.49
103.0-104.0	0.39	6.52	0.04	0.59	147.0-148.0	0.32	5.79	0.03	0.52
104.0-105.0	0.39	6.91	0.04	0.62	148.0-149.0	0.32	6.11	0.03	0.55
105.0-106.0	0.39	7.31	0.04	0.66	149.0-150.0	0.31	6.42	0.03	0.58
106.0-107.0	0.39	7.70	0.04	0.69	150.0-151.0	0.30	6.72	0.03	0.60
107.0-108.0	0.40	8.09	0.04	0.73	151.0-152.0	0.30	7.02	0.03	0.63
108.0-109.0	0.40	8.49	0.04	0.76	152.0-153.0	0.29	7.31	0.03	0.66
109.0-110.0	0.40	8.89	0.04	0.80	153.0-154.0	0.28	7.59	0.03	0.68
110.0-111.0	0.40	9.29	0.04	0.83	154.0-155.0	0.27	7.86	0.02	0.71
111.0-112.0	0.40	9.69	0.04	0.87	155.0-156.0	0.27	8.13	0.02	0.73
112.0-113.0	0.40	10.09	0.04	0.91	156.0-157.0	0.26	8.39	0.02	0.75
113.0-114.0	0.40	10.49	0.04	0.94	157.0-158.0	0.25	8.63	0.02	0.78
114.0-115.0	0.40	10.89	0.04	0.98	158.0-159.0	0.24	8.87	0.02	0.80
115.0-116.0	0.40	11.29	0.04	1.01	159.0-160.0	0.23	9.10	0.02	0.82
116.0-117.0	0.40	11.70	0.04	1.05	160.0-161.0	0.22	9.32	0.02	0.84
117.0-118.0	0.40	12.10	0.04	1.09	161.0-162.0	0.21	9.54	0.02	0.86
118.0-119.0	0.40	12.51	0.04	1.12	162.0-163.0	0.20	9.74	0.02	0.87
119.0-120.0	0.40	12.91	0.04	1.16	163.0-164.0	0.19	9.93	0.02	0.89
120.0-121.0	0.40	13.31	0.04	1.20	164.0-165.0	0.18	10.11	0.02	0.91
121.0-122.0	0.40	13.72	0.04	1.23	165.0-166.0	0.17	10.28	0.02	0.92
122.0-123.0	0.40	14.12	0.04	1.27	166.0-167.0	0.16	10.44	0.01	0.94
123.0-124.0	0.40	14.52	0.04	1.30	167.0-168.0	0.15	10.59	0.01	0.95
124.0-125.0	0.40	14.92	0.04	1.34	168.0-169.0	0.14	10.72	0.01	0.96
125.0-126.0	0.40	15.32	0.04	1.38	169.0-170.0	0.13	10.85	0.01	0.97
126.0-127.0	0.40	15.72	0.04	1.41	170.0-171.0	0.11	10.97	0.01	0.98
127.0-128.0	0.40	16.12	0.04	1.45	171.0-172.0	0.10	11.07	0.01	0.99
128.0-129.0	0.40	16.52	0.04	1.48	172.0-173.0	0.09	11.16	0.01	1.00
129.0-130.0	0.40	16.91	0.04	1.52	173.0-174.0	0.08	11.24	0.01	1.01
130.0-131.0	0.39	17.31	0.04	1.55	174.0-175.0	0.07	11.31	0.01	1.02
131.0-132.0	0.39	17.70	0.04	1.59	175.0-176.0	0.06	11.36	0.00	1.02

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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	0.09	0.00	0.01
179.0-180.0	0.01	0.10	0.00	0.01



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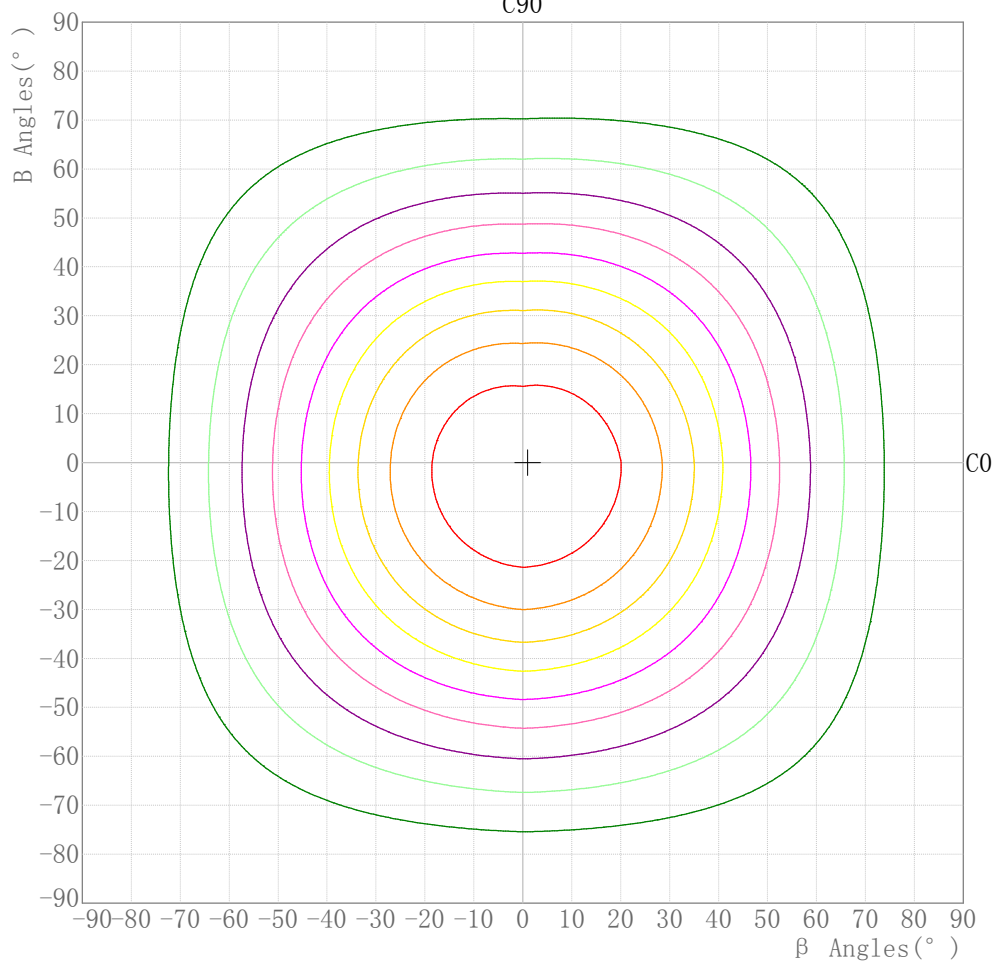
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Rectangle ISO Lighting Intensity Diagram

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 4000K	Lamp Catalog: SMD52835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/03/15

ISO Lighting Intensity Curve

C90



Curves:

unit:cd

[IMax] =498.871

— [IMax*90%]=448.984

— [IMax*80%]=399.097

— [IMax*70%]=349.210

— [IMax*60%]=299.323

— [IMax*50%]=249.436

— [IMax*40%]=199.548

— [IMax*30%]=149.661

— [IMax*20%]=99.774

— [IMax*10%]=49.887

Maximum Light Intensity(cd): 498.87

Maximum Cand.@Angle: H=1.0°,V=0.0°

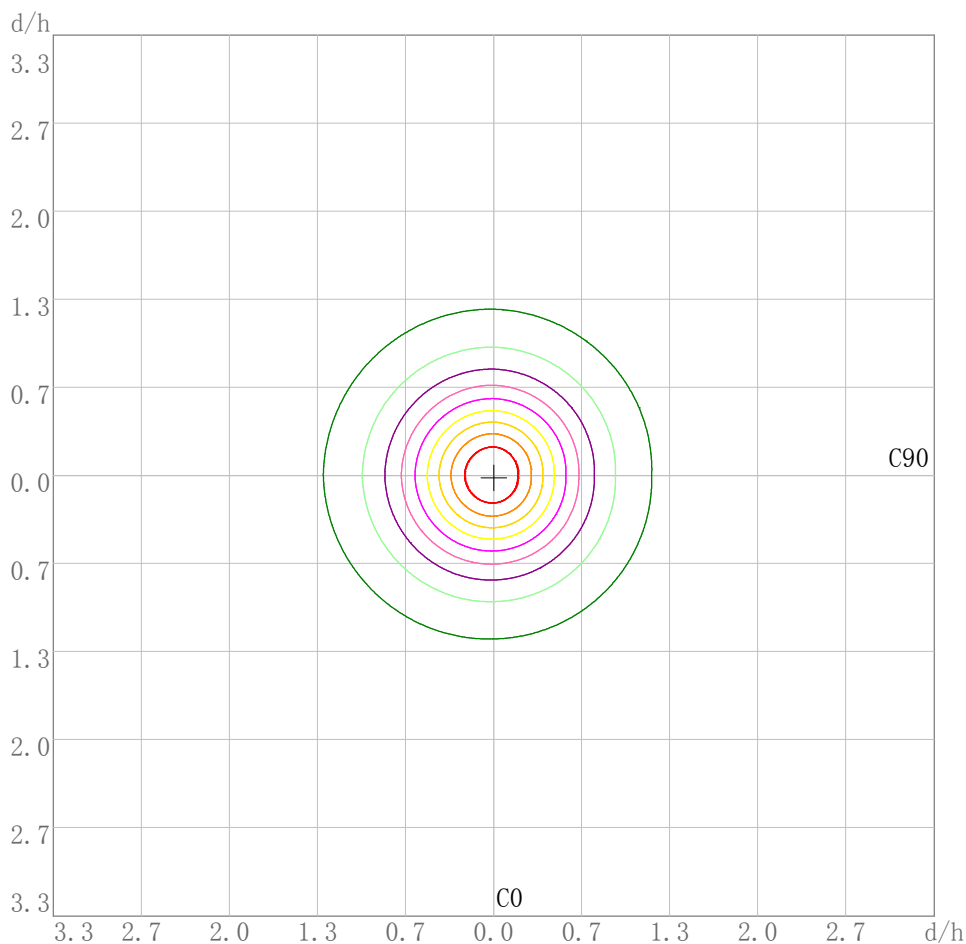
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Plane ISO-Illuminance Diagram

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 4000K	Lamp Catalog: SMD52835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/03/15

Plane ISO-Illuminance Curve



- Curves:
unit:lx
- [EMax] =55.405
 - [EMax*90%]=49.864
 - [EMax*80%]=44.324
 - [EMax*70%]=38.783
 - [EMax*60%]=33.243
 - [EMax*50%]=27.702
 - [EMax*40%]=22.162
 - [EMax*30%]=16.621
 - [EMax*20%]=11.081
 - [EMax*10%]=5.540

Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 55.40
 Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

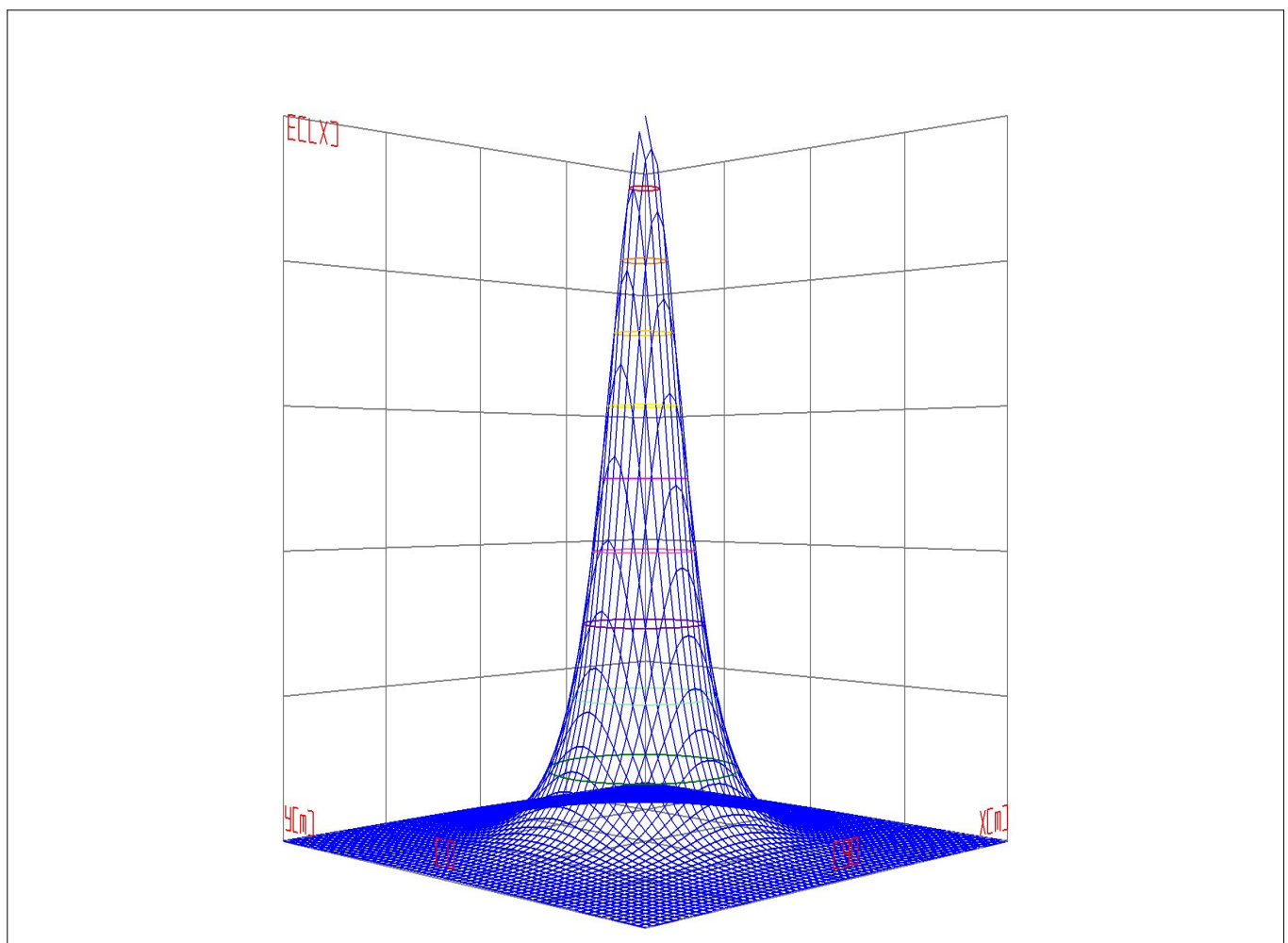
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3D Plane ISO Illuminance Diagram

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 4000K	Lamp Catalog: SMD52835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/03/15

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

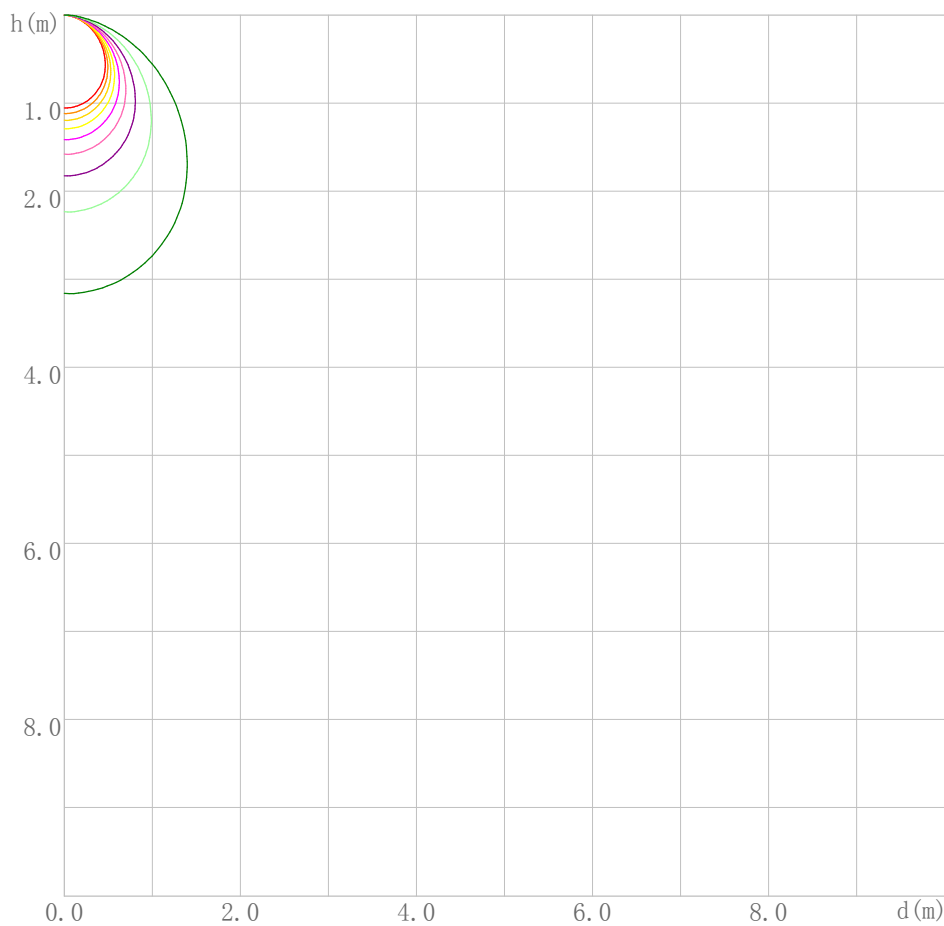
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Space ISO Illuminance Diagram

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 4000K	Lamp Catalog: SMD52835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/03/15

Space ISO Illuminance Curve



- Curves:
unit:lx
[EMax] =498.643
- [EMax*90%]=448.779
 - [EMax*80%]=398.914
 - [EMax*70%]=349.050
 - [EMax*60%]=299.186
 - [EMax*50%]=249.322
 - [EMax*40%]=199.457
 - [EMax*30%]=149.593
 - [EMax*20%]=99.729
 - [EMax*10%]=49.864

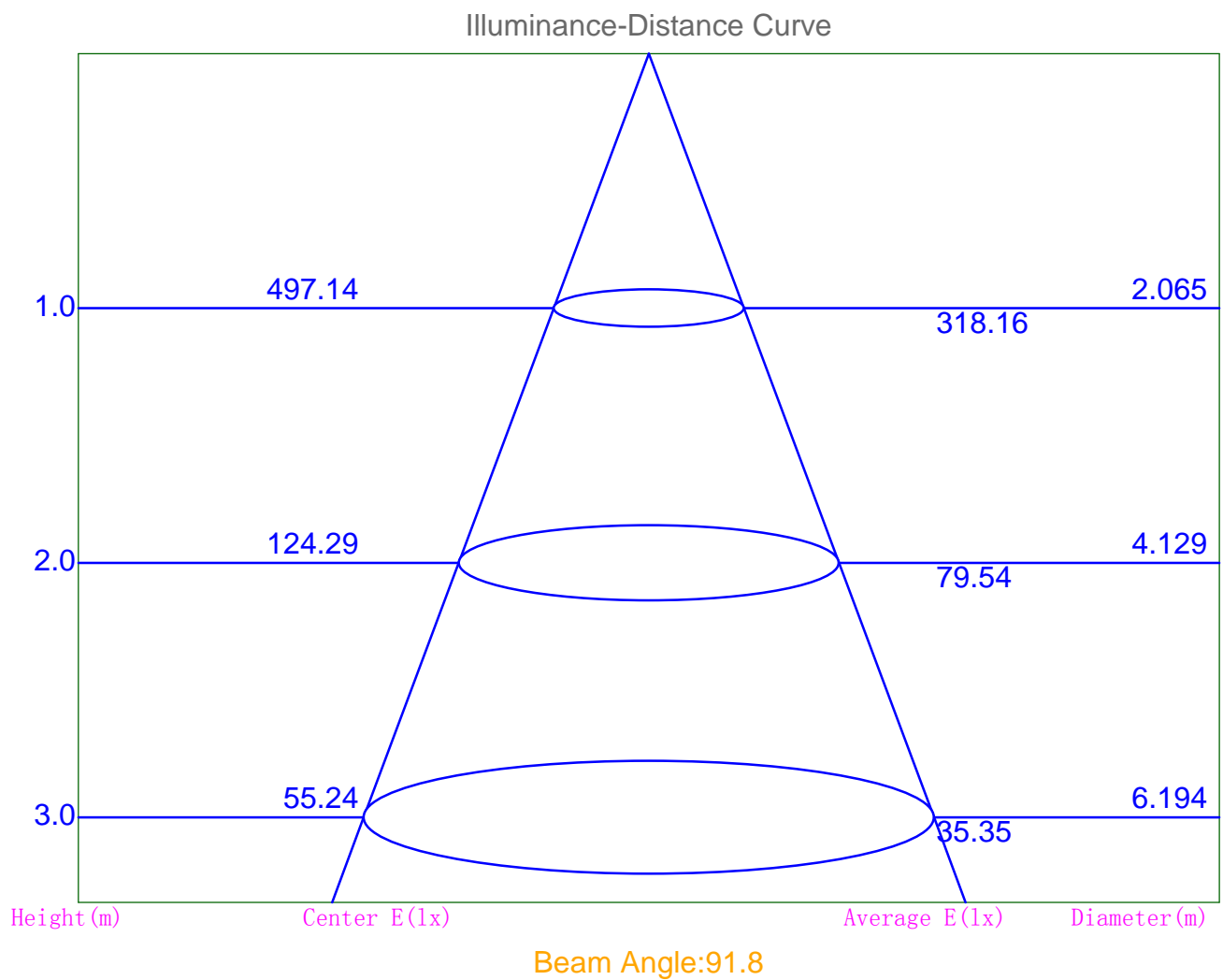
Space Plane Maximum Illuminance and @Angle:498.64,1.0deg
Plane Maximum Lighting Intensity and @Angle:498.871cd,0deg

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Illuminance-Distance Diagram

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 4000K	Lamp Catalog: SMD52835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/03/15



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Indoor Luminance Limiting Curves

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 4000K	Lamp Catalog: SMD52835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/03/15

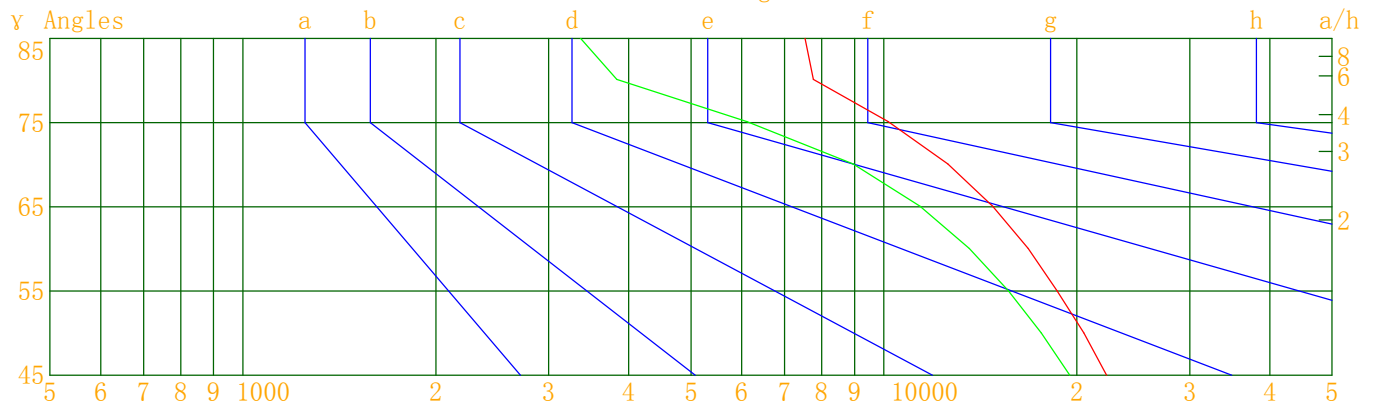
Glare Grade Table

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	22260	20504	18631	16788	14772	12587	10160	7760	7533
C90	19493	17597	15630	13583	11383	8947	6118	3832	3363

Luminance Limiting Curve



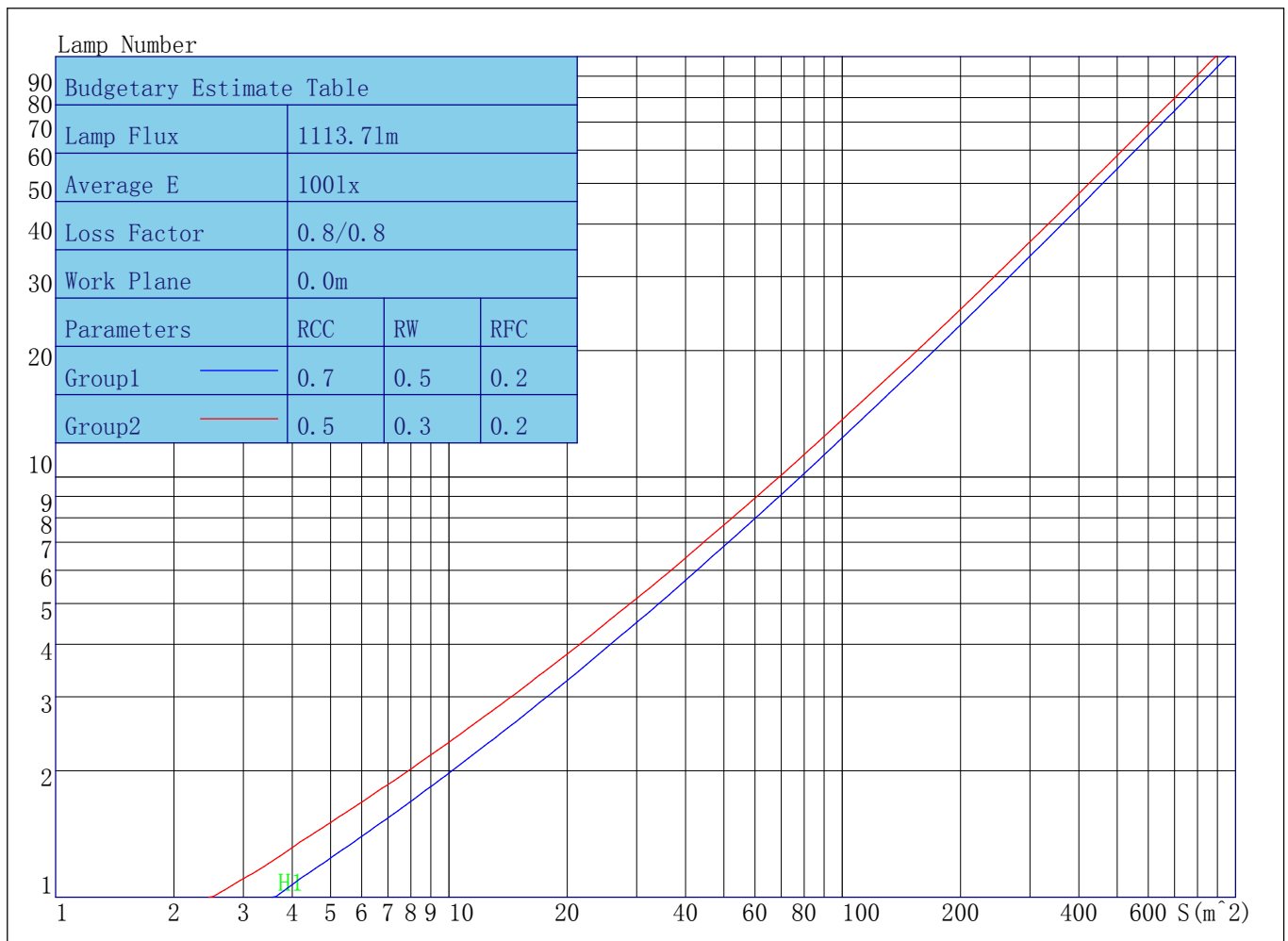
Luminous Size: Length(m)=0.110 Width(m)=0.110 Height(m)=0.042 Area(m^2)=0.016720
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

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Indoor Budgetary Estimate Table

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
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Manufacture:	Test Machine:GON-2000	Test Date: 2020/03/15



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: 4000K	Lamp Catalog: SMD52835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/03/15

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	105	105	105	100	100	100	97
1	110	105	102	98	107	103	99	96	98	95	93	94	92	90	90	88	86	84
2	101	93	87	82	98	91	86	81	87	83	79	84	80	76	80	77	74	72
3	92	83	75	70	90	81	74	69	78	72	67	75	70	66	72	68	64	62
4	85	74	66	60	83	73	65	59	70	63	58	67	62	57	65	60	56	54
5	79	67	58	52	77	66	58	52	63	56	51	61	55	50	59	54	50	48
6	73	61	52	46	71	59	52	46	57	50	45	56	49	45	54	48	44	42
7	68	55	47	41	66	54	46	41	53	46	40	51	45	40	49	44	40	38
8	63	51	43	37	62	50	42	37	48	41	36	47	41	36	46	40	36	34
9	59	47	39	34	58	46	38	33	45	38	33	43	37	33	42	37	33	31
10	56	43	36	31	54	43	35	30	41	35	30	40	34	30	39	34	30	28

IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-4K.IES

Unified Glare Rating Table

Lum. Name: ICDLS12WCCT-WH	Lum. Catalog: LED DOWNLIGHT	Test ID:
Lamp Name: 4000K	Lamp Catalog: SMD52835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/03/15

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	39.6	37.3	40.4	41.1	35.3	38.5	36.2	39.3	40.1
	Y=3H	39.4	42.6	40.3	43.4	44.1	37.8	41.0	38.6	41.7	42.5
	Y=4H	41.3	44.0	42.2	44.8	45.6	39.2	41.9	40.1	42.7	43.5
	Y=6H	42.1	44.7	43.0	45.5	46.3	39.6	42.2	40.5	43.0	43.8
	Y=8H	42.3	44.9	43.2	45.7	46.5	39.6	42.3	40.5	43.1	43.8
	Y=12H	42.4	45.1	43.3	45.9	46.6	39.7	42.3	40.5	43.1	43.8
X=4H	Y=2H	37.2	40.0	38.1	40.7	41.5	36.5	39.2	37.3	40.0	40.7
	Y=3H	40.4	43.2	41.3	43.9	44.7	39.1	41.8	39.9	42.6	43.3
	Y=4H	40.7	42.2	41.8	43.2	44.2	38.9	40.4	40.0	41.5	42.4
	Y=6H	41.8	43.1	42.9	44.2	45.1	39.6	40.9	40.7	41.9	42.9
	Y=8H	42.1	43.4	43.3	44.5	45.4	39.7	41.0	40.9	42.1	43.0
	Y=12H	41.5	42.6	42.8	43.8	44.8	38.9	40.0	40.2	41.2	42.2
X=8H	Y=4H	40.8	42.1	41.9	43.1	44.1	39.1	40.4	40.2	41.5	42.4
	Y=6H	41.1	42.0	42.4	43.2	44.2	39.0	39.9	40.3	41.1	42.1
	Y=8H	41.1	41.8	42.4	43.0	44.1	38.8	39.5	40.1	40.7	41.8
	Y=12H	41.5	42.2	42.8	43.4	44.5	39.0	39.7	40.3	40.9	42.0
X=12H	Y=4H	39.9	40.9	41.1	42.1	43.1	38.2	39.3	39.4	40.4	41.5
	Y=6H	40.6	41.3	41.9	42.6	43.7	38.5	39.2	39.8	40.5	41.6
	Y=8H	41.1	41.7	42.4	43.0	44.1	38.8	39.5	40.1	40.7	41.8
Variations with the objver position at spacings											
	S=1.0H	3.2/-1.4					3.3/-0.7				
	S=1.5H	-1.4/-21.9					-0.4/-20.1				
	S=2.0H	-1.4/-21.9					-0.4/-20.1				

IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-4K.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
Y 0.0	497.14	497.14	497.14	497.14
Y 1.0	498.87	492.21	498.71	494.30
Y 2.0	498.74	491.12	497.93	494.25
Y 3.0	498.24	489.34	496.79	494.38
Y 4.0	497.17	487.80	496.08	494.61
Y 5.0	495.87	486.10	494.38	494.05
Y 6.0	494.95	483.73	491.88	493.11
Y 7.0	493.73	480.98	490.64	492.02
Y 8.0	491.81	478.39	488.43	490.83
Y 9.0	489.46	475.13	485.95	489.45
Y 10.0	487.01	471.68	482.85	487.40
Y 11.0	484.75	467.89	480.05	485.37
Y 12.0	481.92	464.56	477.16	483.44
Y 13.0	478.25	460.79	473.66	480.56
Y 14.0	475.07	455.45	469.23	477.51
Y 15.0	471.41	451.48	465.25	474.68
Y 16.0	467.06	446.95	461.19	471.65
Y 17.0	463.15	441.90	456.67	467.78
Y 18.0	458.83	436.39	451.64	463.58
Y 19.0	453.86	431.09	446.66	459.44
Y 20.0	449.34	425.47	441.80	455.46
Y 21.0	444.32	419.51	436.59	450.94
Y 22.0	438.69	413.43	430.51	445.97
Y 23.0	433.12	407.35	425.06	440.89
Y 24.0	427.37	401.32	418.93	435.70
Y 25.0	421.33	394.48	412.70	429.98
Y 26.0	415.32	387.63	406.18	424.00
Y 27.0	408.95	380.65	399.40	418.71
Y 28.0	402.59	373.23	392.60	412.60
Y 29.0	395.35	365.66	385.33	405.85
Y 30.0	388.22	357.55	378.16	399.21
Y 31.0	380.93	349.70	370.29	392.42
Y 32.0	373.66	341.73	362.71	385.55
Y 33.0	365.36	333.03	354.28	378.16
Y 34.0	357.40	324.94	346.12	370.47
Y 35.0	349.35	316.59	338.03	362.62
Y 36.0	340.81	307.96	329.69	355.24
Y 37.0	332.09	299.13	320.84	346.86
Y 38.0	323.69	290.61	312.00	338.44
Y 39.0	315.87	282.12	303.80	330.08
Y 40.0	307.12	273.58	294.87	321.86
Y 41.0	297.93	264.89	286.03	313.04
Y 42.0	289.14	255.94	277.79	304.62
Y 43.0	280.35	247.47	269.16	296.08

IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-4K.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
Y 44.0	272.09	239.02	259.75	287.60
Y 45.0	263.17	230.46	251.45	278.75
Y 46.0	254.53	222.13	242.84	270.12
Y 47.0	245.85	213.84	234.25	261.32
Y 48.0	237.17	205.45	225.72	252.91
Y 49.0	228.50	197.17	217.20	244.15
Y 50.0	220.36	189.12	208.80	235.49
Y 51.0	211.86	181.16	200.48	227.04
Y 52.0	203.60	173.17	192.18	218.74
Y 53.0	195.13	165.29	183.84	210.14
Y 54.0	186.83	157.54	175.90	201.78
Y 55.0	178.67	149.90	167.90	193.62
Y 56.0	171.10	142.41	159.95	185.53
Y 57.0	163.24	134.98	152.25	177.37
Y 58.0	155.55	127.64	144.58	169.37
Y 59.0	147.89	120.55	137.04	161.56
Y 60.0	140.35	113.55	129.54	153.79
Y 61.0	132.93	106.59	122.29	145.97
Y 62.0	125.81	99.86	115.10	138.43
Y 63.0	118.63	93.15	108.02	131.04
Y 64.0	111.53	86.76	101.11	123.70
Y 65.0	104.38	80.43	94.42	116.52
Y 66.0	97.56	74.28	87.82	109.40
Y 67.0	90.99	68.33	81.41	102.45
Y 68.0	84.55	62.51	75.12	95.62
Y 69.0	78.15	56.78	68.93	88.96
Y 70.0	71.98	51.16	62.95	82.41
Y 71.0	65.92	45.68	57.29	76.12
Y 72.0	60.01	40.31	51.83	70.01
Y 73.0	54.44	35.31	46.51	64.00
Y 74.0	49.18	30.69	41.35	58.17
Y 75.0	43.97	26.47	36.54	52.33
Y 76.0	38.97	22.62	32.06	46.56
Y 77.0	34.37	19.05	27.84	41.06
Y 78.0	30.08	15.58	23.95	35.92
Y 79.0	26.14	13.06	20.45	31.16
Y 80.0	22.53	11.13	17.25	26.79
Y 81.0	19.27	9.75	14.24	22.85
Y 82.0	16.21	8.42	11.88	18.92
Y 83.0	13.80	7.04	10.53	15.85
Y 84.0	12.32	5.80	9.19	13.59
Y 85.0	10.98	4.90	7.87	12.06
Y 86.0	9.62	4.05	6.59	10.52
Y 87.0	8.27	3.22	5.25	9.06

IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-4K.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
Y 88.0	7.04	2.76	3.94	7.66
Y 89.0	5.86	2.82	3.15	6.50
Y 90.0	4.72	2.76	2.82	5.59
Y 91.0	4.38	2.79	2.82	4.79
Y 92.0	4.37	2.89	2.80	4.34
Y 93.0	4.30	2.94	2.86	4.29
Y 94.0	4.26	2.89	2.89	4.20
Y 95.0	4.26	2.93	2.88	4.16
Y 96.0	4.26	3.01	2.90	4.13
Y 97.0	4.24	3.03	2.98	4.11
Y 98.0	4.21	3.04	3.00	4.05
Y 99.0	4.26	3.09	2.95	4.05
Y 100.0	4.24	3.14	3.05	4.05
Y 101.0	4.21	3.18	3.09	4.04
Y 102.0	4.22	3.21	3.09	4.03
Y 103.0	4.23	3.28	3.08	4.05
Y 104.0	4.23	3.33	3.19	4.05
Y 105.0	4.23	3.35	3.21	4.02
Y 106.0	4.28	3.40	3.21	4.01
Y 107.0	4.30	3.41	3.27	4.05
Y 108.0	4.28	3.52	3.38	4.02
Y 109.0	4.32	3.52	3.40	4.04
Y 110.0	4.41	3.59	3.41	4.09
Y 111.0	4.39	3.62	3.47	4.10
Y 112.0	4.38	3.77	3.55	4.11
Y 113.0	4.43	3.79	3.55	4.15
Y 114.0	4.48	3.82	3.59	4.20
Y 115.0	4.47	3.82	3.66	4.17
Y 116.0	4.51	3.91	3.69	4.18
Y 117.0	4.59	4.00	3.75	4.25
Y 118.0	4.64	3.98	3.82	4.27
Y 119.0	4.61	4.00	3.86	4.25
Y 120.0	4.69	4.12	3.91	4.29
Y 121.0	4.70	4.18	3.95	4.38
Y 122.0	4.73	4.19	4.01	4.40
Y 123.0	4.73	4.24	4.06	4.37
Y 124.0	4.82	4.36	4.08	4.44
Y 125.0	4.84	4.41	4.14	4.52
Y 126.0	4.89	4.41	4.23	4.52
Y 127.0	4.92	4.46	4.24	4.52
Y 128.0	5.01	4.56	4.33	4.61
Y 129.0	5.04	4.57	4.42	4.66
Y 130.0	5.07	4.60	4.47	4.64
Y 131.0	5.13	4.71	4.46	4.68

IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-4K.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
Y 132.0	5.14	4.75	4.55	4.77
Y 133.0	5.17	4.80	4.60	4.81
Y 134.0	5.24	4.87	4.62	4.81
Y 135.0	5.27	4.93	4.68	4.87
Y 136.0	5.30	4.93	4.80	4.93
Y 137.0	5.34	5.02	4.82	4.95
Y 138.0	5.43	5.07	4.85	4.96
Y 139.0	5.43	5.08	4.91	5.04
Y 140.0	5.57	5.13	5.03	5.06
Y 141.0	5.53	5.21	5.05	5.09
Y 142.0	5.57	5.25	5.07	5.18
Y 143.0	5.58	5.25	5.14	5.21
Y 144.0	5.60	5.35	5.19	5.24
Y 145.0	5.70	5.45	5.20	5.30
Y 146.0	5.72	5.43	5.28	5.35
Y 147.0	5.71	5.44	5.35	5.35
Y 148.0	5.79	5.52	5.40	5.39
Y 149.0	5.87	5.56	5.42	5.45
Y 150.0	5.90	5.53	5.51	5.53
Y 151.0	5.88	5.61	5.59	5.51
Y 152.0	5.96	5.69	5.58	5.55
Y 153.0	6.00	5.72	5.63	5.67
Y 154.0	6.02	5.72	5.71	5.68
Y 155.0	6.01	5.81	5.72	5.66
Y 156.0	6.09	5.85	5.77	5.72
Y 157.0	6.13	5.87	5.83	5.84
Y 158.0	6.14	5.89	5.89	5.83
Y 159.0	6.18	5.93	5.91	5.80
Y 160.0	6.24	5.92	5.97	5.90
Y 161.0	6.25	5.96	6.04	6.02
Y 162.0	6.29	6.02	6.05	5.98
Y 163.0	6.31	6.04	6.07	5.99
Y 164.0	6.32	6.05	6.14	6.10
Y 165.0	6.32	6.14	6.19	6.15
Y 166.0	6.39	6.16	6.19	6.13
Y 167.0	6.41	6.16	6.20	6.15
Y 168.0	6.42	6.16	6.29	6.22
Y 169.0	6.44	6.21	6.31	6.27
Y 170.0	6.52	6.19	6.33	6.26
Y 171.0	6.46	6.20	6.39	6.26
Y 172.0	6.54	6.23	6.42	6.32
Y 173.0	6.55	6.26	6.45	6.36
Y 174.0	6.57	6.23	6.43	6.38
Y 175.0	6.53	6.26	6.47	6.41

IES Indoor Report

Photometric Filename:ICDLS12WCCT-WH-4K.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
Y 176.0	6.55	6.31	6.53	6.48
Y 177.0	6.57	6.27	6.52	6.42
Y 178.0	6.54	6.30	6.54	6.51
Y 179.0	6.55	6.31	6.58	6.49
Y 180.0	6.52	6.52	6.52	6.52
