

IES Indoor Report

Photometric Filename:AW12540 12W 1204C9 3090 ZHT35-15D 300.IES

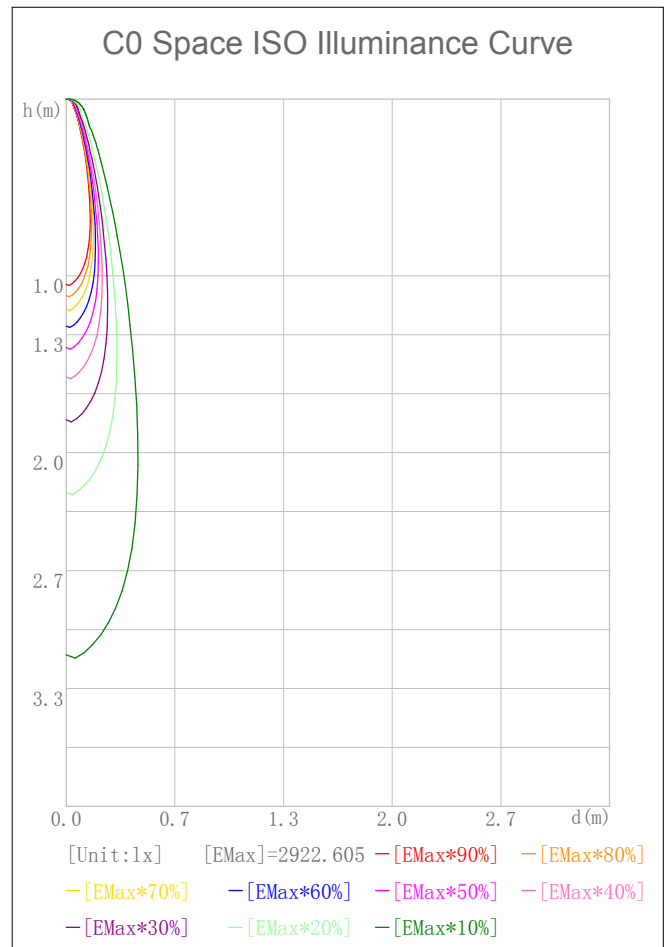
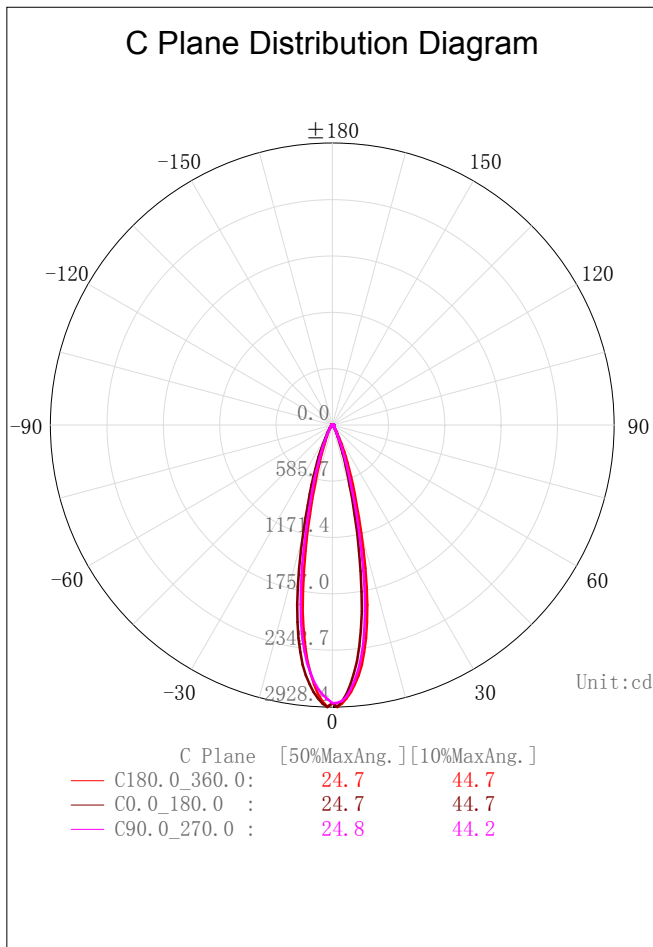
Indoor Luminaire Photometric Data

Description Information

Luminaire Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1204C9	Lamp Catalog: COB	Test Date: 2023/07/16
Manufacture: -	Shld. Ang(°):15	Test Machine:GON-2000
Test Lab: Test	Frequency(Hz):50	Lamp CCT(K): 3000 Ra: 90
Lum. Size (W*L*H):0.066m*-0.066m*0.000m	Lum. Area(m2):0.003	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): 686.000	Luminaire Flux(lm): 686.134	Field Angle(10%Imax): 44.7(°)	
Rated Power(W): 12	Luminaire Efficiency: 100.02%	Down Lumens&Percent: 658.867lm 96.03%	
Rated Voltage(V): 220	Luminaire EER(lm/W): 58.098	Up Lumens&Percent: 27.267lm 3.97%	
Tested Power(W): 11.810	Max. Candela(cd): 2928.381	S/MH: C0_a180=0.424 C90_270=0.423	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):220.4, 0.096, 0.554	Beam Angle(50%Imax): 24.7(°)	ErP Φ use(90°): 639.473lm	
Lamp Size(W*L*H):0.066m*-0.066m*0.000m	Left=-11.4°, Right=13.3°	IRF(%): 1059.086	



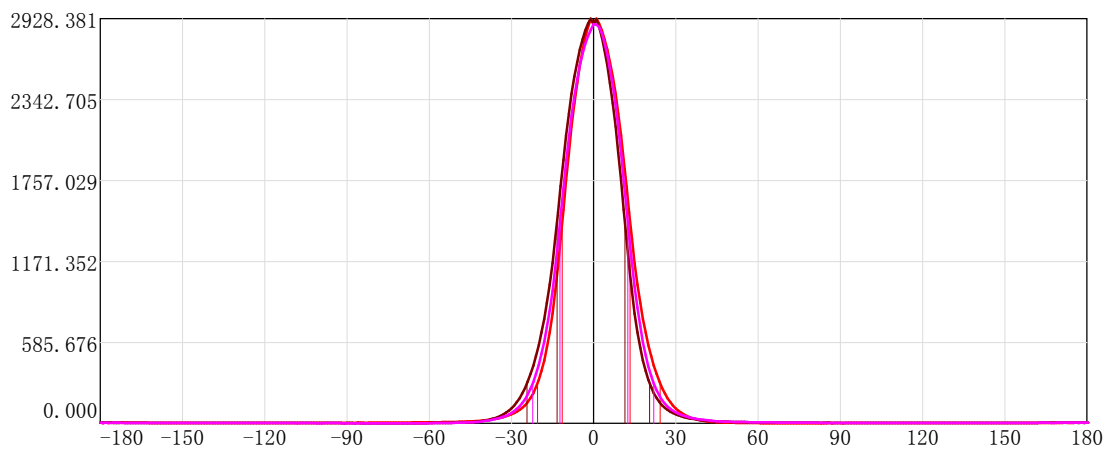
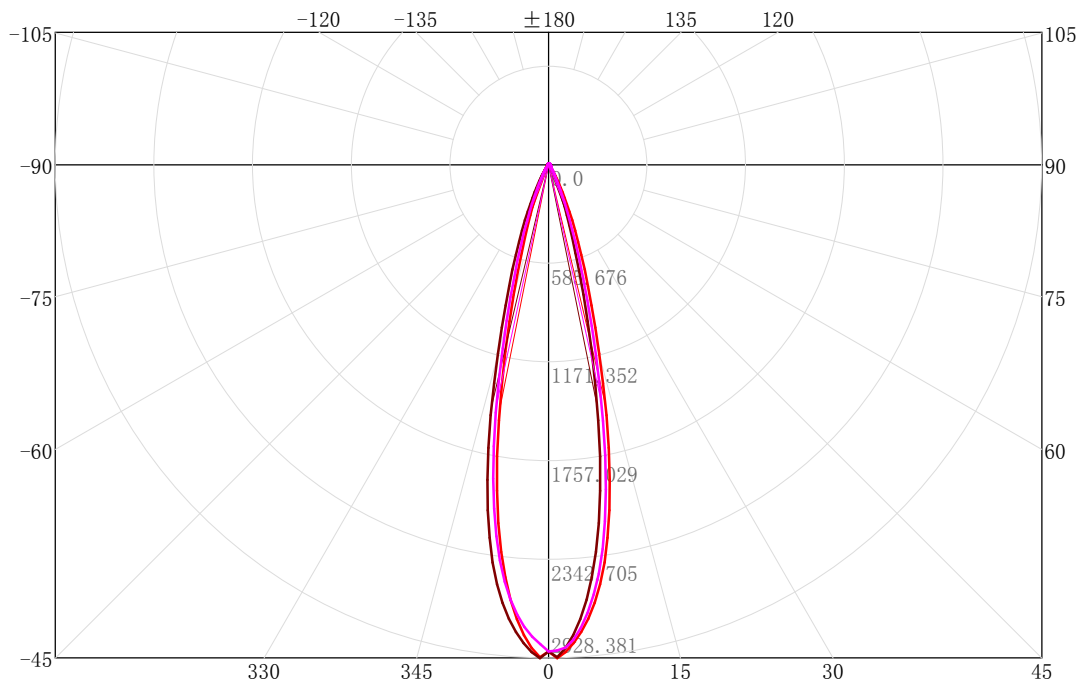
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2D Plane Light Intensity Distribution Curve

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1204C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine:GON-2000	Test Date: 2023/07/16

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C180.0_360.0:	24.7	44.7	
—	C0.0_180.0 :	24.7	44.7	
—	C90.0_270.0 :	24.8	44.2	

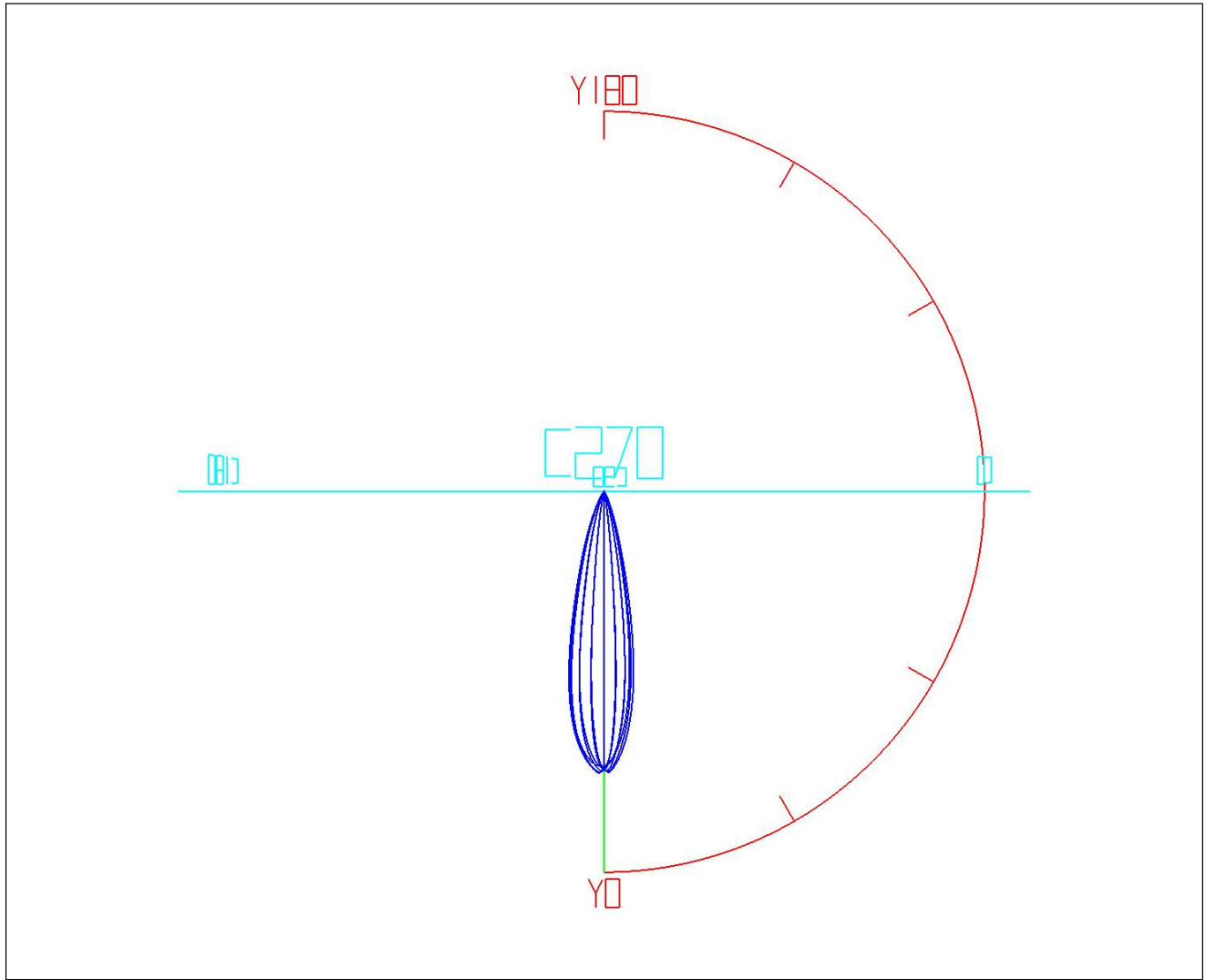
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3D Light Intensity Distribution Modal

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1204C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/16

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	2.76	2.76	0.40	0.40	47.0-48.0	0.90	634.89	0.13	92.55
1.0-2.0	8.21	10.97	1.20	1.60	48.0-49.0	0.86	635.76	0.13	92.68
2.0-3.0	13.47	24.44	1.96	3.56	49.0-50.0	0.82	636.58	0.12	92.80
3.0-4.0	18.42	42.85	2.68	6.25	50.0-51.0	0.79	637.37	0.11	92.91
4.0-5.0	22.97	65.82	3.35	9.60	51.0-52.0	0.75	638.11	0.11	93.02
5.0-6.0	27.04	92.86	3.94	13.54	52.0-53.0	0.71	638.83	0.10	93.12
6.0-7.0	30.53	123.39	4.45	17.99	53.0-54.0	0.69	639.52	0.10	93.22
7.0-8.0	33.30	156.69	4.85	22.84	54.0-55.0	0.67	640.19	0.10	93.32
8.0-9.0	35.25	191.94	5.14	27.98	55.0-56.0	0.66	640.84	0.10	93.42
9.0-10.0	36.29	228.23	5.29	33.27	56.0-57.0	0.65	641.49	0.09	93.51
10.0-11.0	36.37	264.60	5.30	38.57	57.0-58.0	0.64	642.12	0.09	93.60
11.0-12.0	35.54	300.14	5.18	43.75	58.0-59.0	0.63	642.75	0.09	93.70
12.0-13.0	33.94	334.08	4.95	48.70	59.0-60.0	0.62	643.37	0.09	93.79
13.0-14.0	31.76	365.84	4.63	53.33	60.0-61.0	0.61	643.97	0.09	93.87
14.0-15.0	29.24	395.08	4.26	57.59	61.0-62.0	0.60	644.57	0.09	93.96
15.0-16.0	26.63	421.71	3.88	61.47	62.0-63.0	0.59	645.16	0.09	94.05
16.0-17.0	24.08	445.79	3.51	64.98	63.0-64.0	0.58	645.73	0.08	94.13
17.0-18.0	21.69	467.48	3.16	68.15	64.0-65.0	0.56	646.29	0.08	94.21
18.0-19.0	19.47	486.95	2.84	70.98	65.0-66.0	0.55	646.84	0.08	94.29
19.0-20.0	17.42	504.37	2.54	73.52	66.0-67.0	0.54	647.38	0.08	94.37
20.0-21.0	15.51	519.88	2.26	75.78	67.0-68.0	0.53	647.91	0.08	94.45
21.0-22.0	13.74	533.62	2.00	77.79	68.0-69.0	0.52	648.43	0.08	94.52
22.0-23.0	12.12	545.74	1.77	79.55	69.0-70.0	0.52	648.95	0.08	94.60
23.0-24.0	10.66	556.40	1.55	81.11	70.0-71.0	0.51	649.46	0.08	94.67
24.0-25.0	9.36	565.76	1.36	82.47	71.0-72.0	0.51	649.98	0.07	94.75
25.0-26.0	8.22	573.97	1.20	83.67	72.0-73.0	0.50	650.48	0.07	94.82
26.0-27.0	7.22	581.19	1.05	84.72	73.0-74.0	0.50	650.98	0.07	94.89
27.0-28.0	6.36	587.55	0.93	85.65	74.0-75.0	0.50	651.47	0.07	94.97
28.0-29.0	5.61	593.17	0.82	86.47	75.0-76.0	0.50	651.97	0.07	95.04
29.0-30.0	4.96	598.13	0.72	87.19	76.0-77.0	0.50	652.47	0.07	95.11
30.0-31.0	4.40	602.53	0.64	87.83	77.0-78.0	0.50	652.97	0.07	95.19
31.0-32.0	3.91	606.43	0.57	88.40	78.0-79.0	0.50	653.47	0.07	95.26
32.0-33.0	3.48	609.91	0.51	88.91	79.0-80.0	0.50	653.97	0.07	95.33
33.0-34.0	3.10	613.01	0.45	89.36	80.0-81.0	0.50	654.47	0.07	95.40
34.0-35.0	2.78	615.79	0.40	89.77	81.0-82.0	0.49	654.96	0.07	95.48
35.0-36.0	2.49	618.28	0.36	90.13	82.0-83.0	0.49	655.46	0.07	95.55
36.0-37.0	2.25	620.53	0.33	90.46	83.0-84.0	0.49	655.95	0.07	95.62
37.0-38.0	2.03	622.56	0.30	90.75	84.0-85.0	0.49	656.44	0.07	95.69
38.0-39.0	1.83	624.39	0.27	91.02	85.0-86.0	0.49	656.93	0.07	95.76
39.0-40.0	1.64	626.04	0.24	91.26	86.0-87.0	0.49	657.41	0.07	95.83
40.0-41.0	1.47	627.51	0.21	91.47	87.0-88.0	0.48	657.90	0.07	95.90
41.0-42.0	1.31	628.82	0.19	91.66	88.0-89.0	0.49	658.38	0.07	95.97
42.0-43.0	1.18	629.99	0.17	91.84	89.0-90.0	0.48	658.87	0.07	96.04
43.0-44.0	1.08	631.07	0.16	91.99	90.0-91.0	0.48	659.35	0.07	96.11
44.0-45.0	1.02	632.09	0.15	92.14	91.0-92.0	0.47	659.82	0.07	96.18
45.0-46.0	0.97	633.06	0.14	92.28	92.0-93.0	0.47	660.29	0.07	96.25
46.0-47.0	0.93	634.00	0.14	92.42	93.0-94.0	0.48	660.77	0.07	96.32

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Zonal Flux Tabulation - (Cont.)

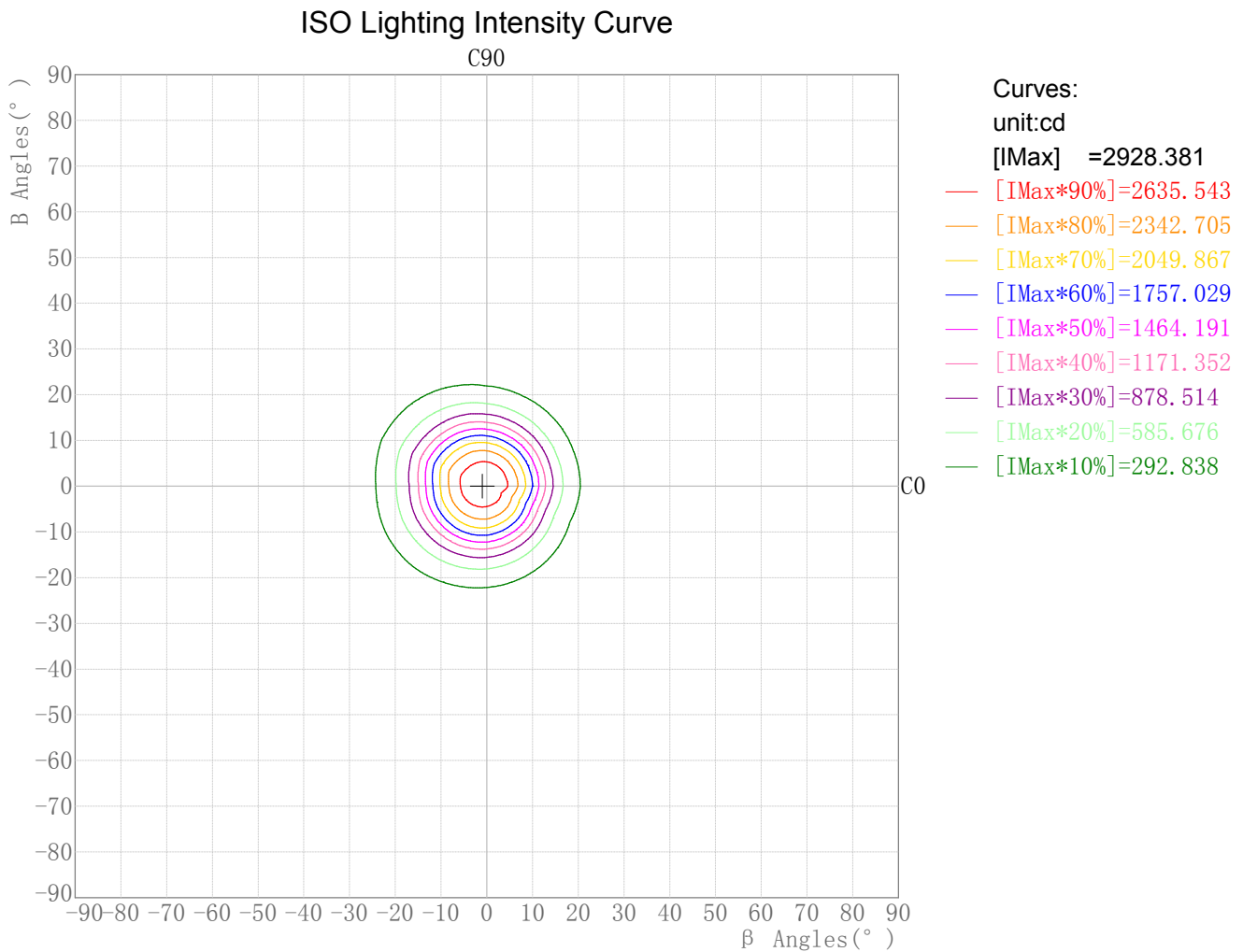
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.47	661.24	0.07	96.39	141.0-142.0	0.29	679.38	0.04	99.04
95.0-96.0	0.47	661.72	0.07	96.46	142.0-143.0	0.28	679.67	0.04	99.08
96.0-97.0	0.47	662.19	0.07	96.53	143.0-144.0	0.28	679.95	0.04	99.12
97.0-98.0	0.47	662.65	0.07	96.60	144.0-145.0	0.28	680.22	0.04	99.16
98.0-99.0	0.46	663.11	0.07	96.66	145.0-146.0	0.27	680.50	0.04	99.20
99.0-100.0	0.46	663.58	0.07	96.73	146.0-147.0	0.27	680.76	0.04	99.24
100.0-101.0	0.46	664.04	0.07	96.80	147.0-148.0	0.27	681.03	0.04	99.28
101.0-102.0	0.46	664.50	0.07	96.87	148.0-149.0	0.26	681.29	0.04	99.31
102.0-103.0	0.46	664.95	0.07	96.93	149.0-150.0	0.26	681.55	0.04	99.35
103.0-104.0	0.45	665.40	0.07	97.00	150.0-151.0	0.26	681.81	0.04	99.39
104.0-105.0	0.45	665.85	0.07	97.06	151.0-152.0	0.25	682.06	0.04	99.43
105.0-106.0	0.44	666.29	0.06	97.13	152.0-153.0	0.25	682.31	0.04	99.46
106.0-107.0	0.44	666.73	0.06	97.19	153.0-154.0	0.25	682.55	0.04	99.50
107.0-108.0	0.43	667.16	0.06	97.25	154.0-155.0	0.24	682.79	0.04	99.53
108.0-109.0	0.43	667.58	0.06	97.32	155.0-156.0	0.24	683.03	0.03	99.57
109.0-110.0	0.43	668.01	0.06	97.38	156.0-157.0	0.23	683.26	0.03	99.60
110.0-111.0	0.43	668.43	0.06	97.44	157.0-158.0	0.23	683.49	0.03	99.63
111.0-112.0	0.42	668.86	0.06	97.50	158.0-159.0	0.22	683.71	0.03	99.67
112.0-113.0	0.42	669.27	0.06	97.56	159.0-160.0	0.21	683.92	0.03	99.70
113.0-114.0	0.41	669.69	0.06	97.62	160.0-161.0	0.21	684.12	0.03	99.73
114.0-115.0	0.40	670.09	0.06	97.68	161.0-162.0	0.20	684.32	0.03	99.76
115.0-116.0	0.40	670.49	0.06	97.74	162.0-163.0	0.19	684.51	0.03	99.78
116.0-117.0	0.40	670.89	0.06	97.80	163.0-164.0	0.18	684.69	0.03	99.81
117.0-118.0	0.40	671.28	0.06	97.85	164.0-165.0	0.17	684.87	0.02	99.83
118.0-119.0	0.39	671.68	0.06	97.91	165.0-166.0	0.16	685.03	0.02	99.86
119.0-120.0	0.39	672.06	0.06	97.97	166.0-167.0	0.15	685.18	0.02	99.88
120.0-121.0	0.38	672.44	0.06	98.02	167.0-168.0	0.14	685.32	0.02	99.90
121.0-122.0	0.38	672.82	0.05	98.08	168.0-169.0	0.13	685.45	0.02	99.92
122.0-123.0	0.37	673.19	0.05	98.13	169.0-170.0	0.12	685.57	0.02	99.94
123.0-124.0	0.37	673.56	0.05	98.19	170.0-171.0	0.11	685.67	0.02	99.95
124.0-125.0	0.36	673.93	0.05	98.24	171.0-172.0	0.10	685.77	0.01	99.97
125.0-126.0	0.36	674.28	0.05	98.29	172.0-173.0	0.09	685.86	0.01	99.98
126.0-127.0	0.36	674.64	0.05	98.34	173.0-174.0	0.07	685.93	0.01	99.99
127.0-128.0	0.35	674.99	0.05	98.39	174.0-175.0	0.06	685.99	0.01	100.00
128.0-129.0	0.34	675.33	0.05	98.44	175.0-176.0	0.05	686.04	0.01	100.01
129.0-130.0	0.34	675.66	0.05	98.49	176.0-177.0	0.04	686.08	0.01	100.01
130.0-131.0	0.33	676.00	0.05	98.54	177.0-178.0	0.03	686.11	0.00	100.02
131.0-132.0	0.33	676.33	0.05	98.59	178.0-179.0	0.02	686.13	0.00	100.02
132.0-133.0	0.33	676.65	0.05	98.64	179.0-180.0	0.01	686.13	0.00	100.02
133.0-134.0	0.32	676.97	0.05	98.68					
134.0-135.0	0.32	677.29	0.05	98.73					
135.0-136.0	0.31	677.60	0.05	98.78					
136.0-137.0	0.31	677.91	0.04	98.82					
137.0-138.0	0.30	678.21	0.04	98.86					
138.0-139.0	0.30	678.51	0.04	98.91					
139.0-140.0	0.30	678.80	0.04	98.95					
140.0-141.0	0.29	679.09	0.04	98.99					

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Rectangle ISO Lighting Intensity Diagram

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1204C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/16



Maximum Light Intensity(cd): 2928.38

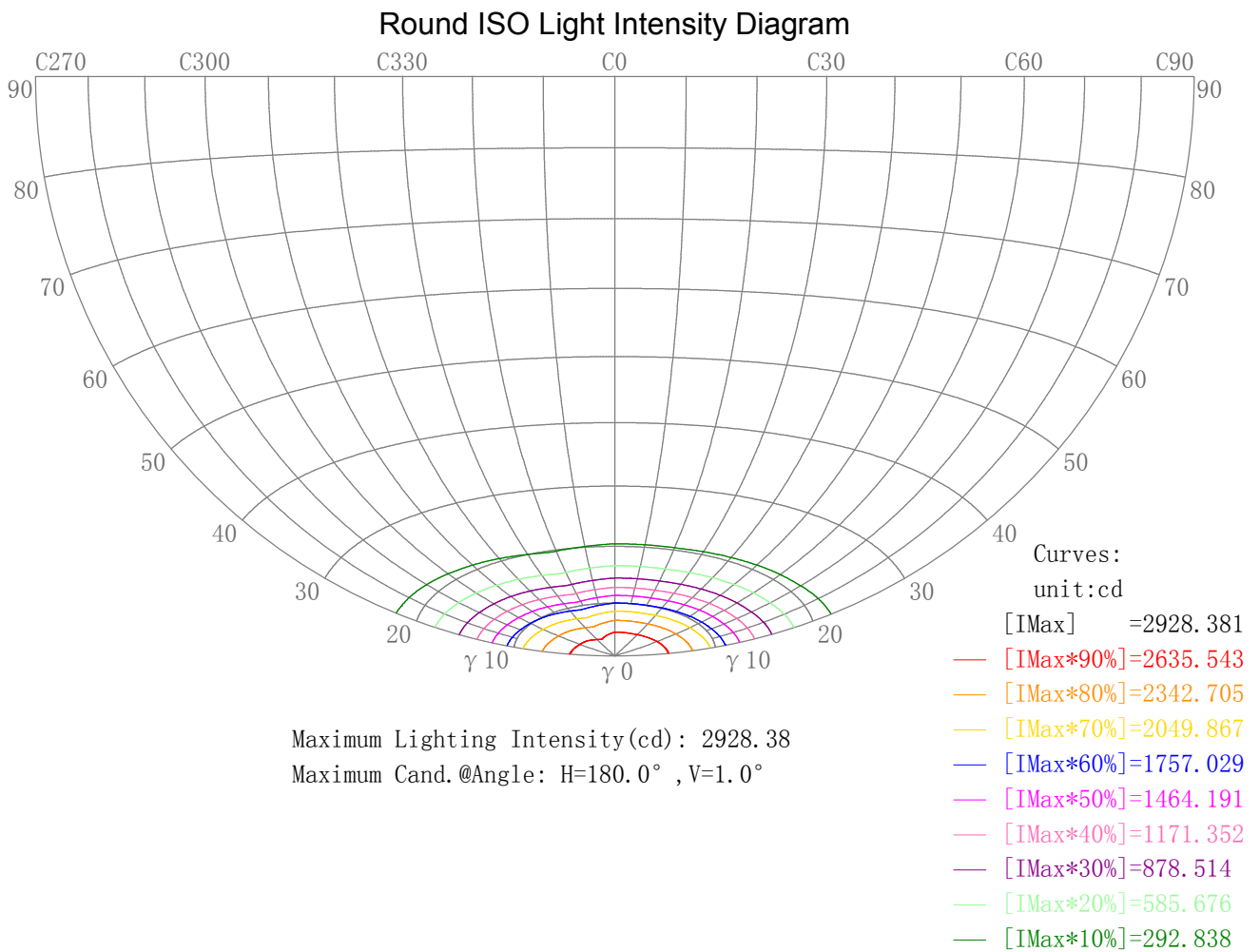
Maximum Cand.@Angle: H=-1.0°,V=0.0°

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Round ISO Lighting Intensity Diagram

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1204C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/16



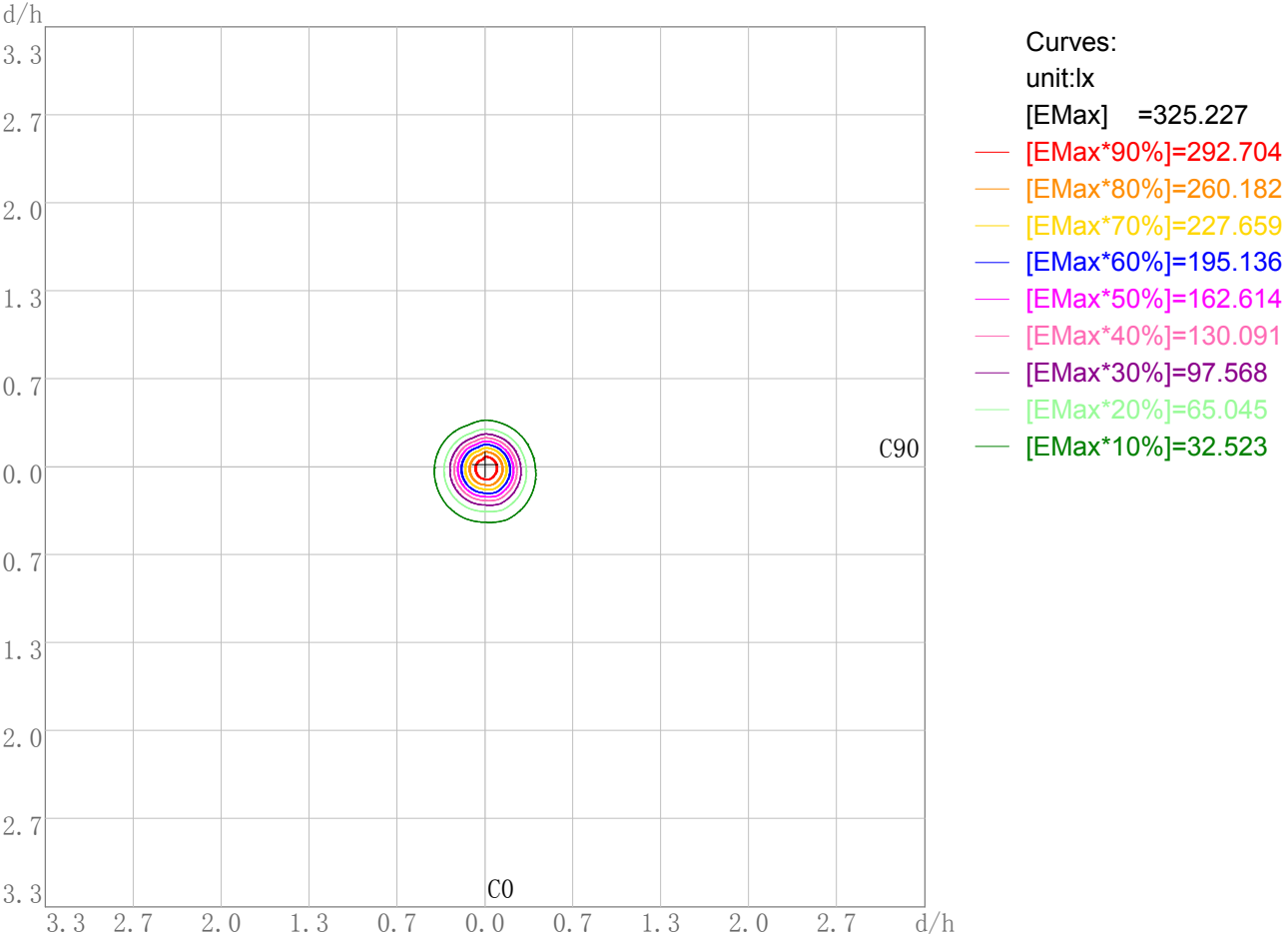
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Plane ISO-Illuminance Diagram

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1204C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/16

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 325.23
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

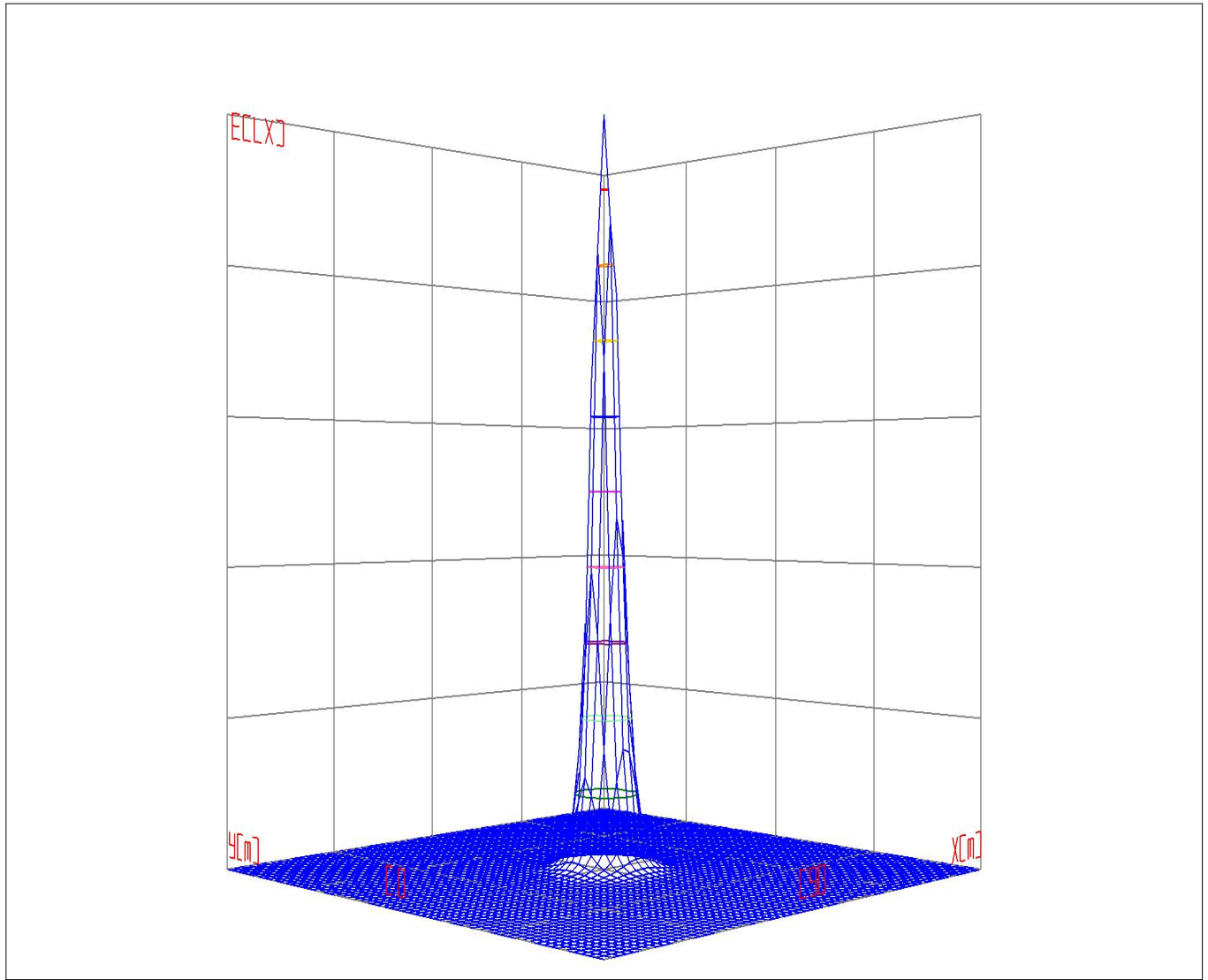
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3D Plane ISO Illuminance Diagram

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1204C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/16

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

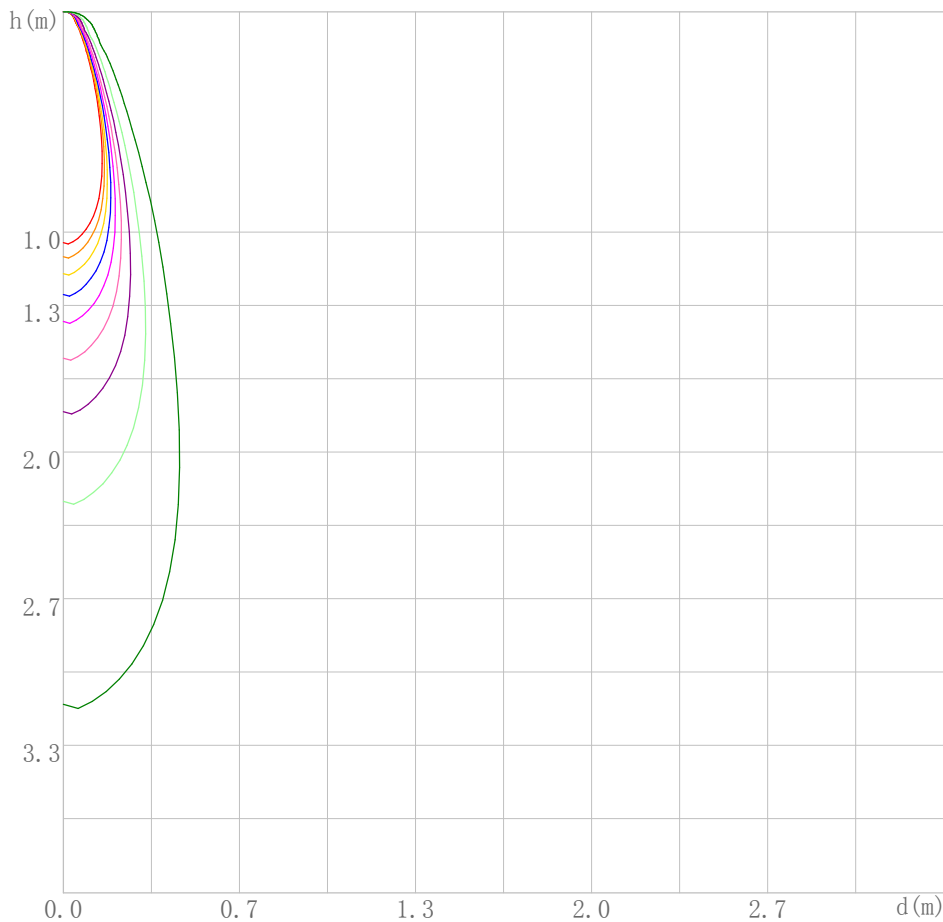
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Space ISO Illuminance Diagram

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1204C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/16

Space ISO Illuminance Curve



- Curves:
[Unit: lx]
[EMax] =2922.605
- [EMax*90%]=2630.345
 - [EMax*80%]=2338.084
 - [EMax*70%]=2045.824
 - [EMax*60%]=1753.563
 - [EMax*50%]=1461.303
 - [EMax*40%]=1169.042
 - [EMax*30%]=876.782
 - [EMax*20%]=584.521
 - [EMax*10%]=292.261

Space Plane Maximum Illuminance and @Angle:2922.61lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:2923.941cd,0deg

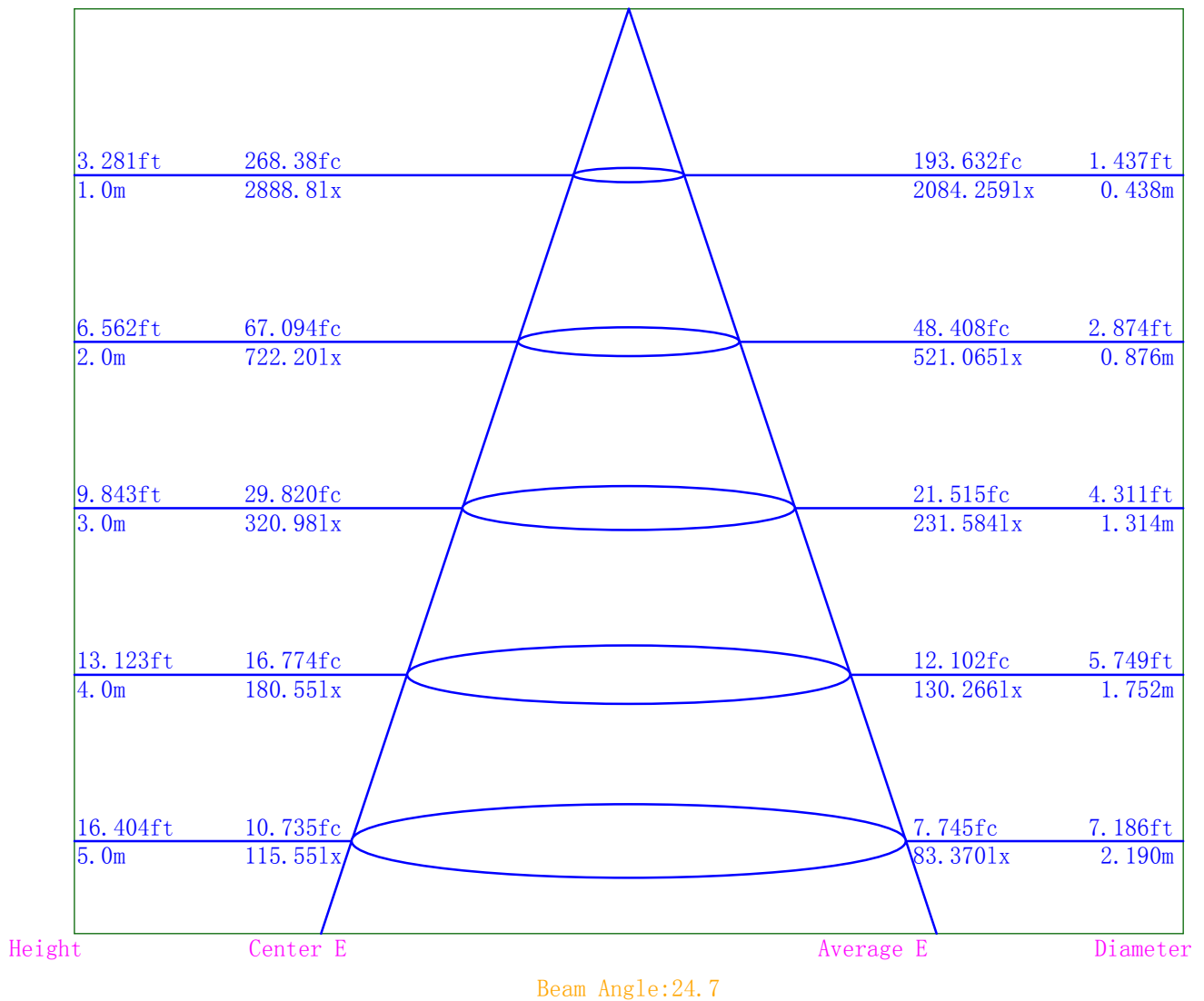
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Illuminance-Distance Diagram

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1204C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/16

Illuminance-Distance Curve



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Indoor Luminance Limiting Curves

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1204C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine:GON-2000	Test Date: 2023/07/16

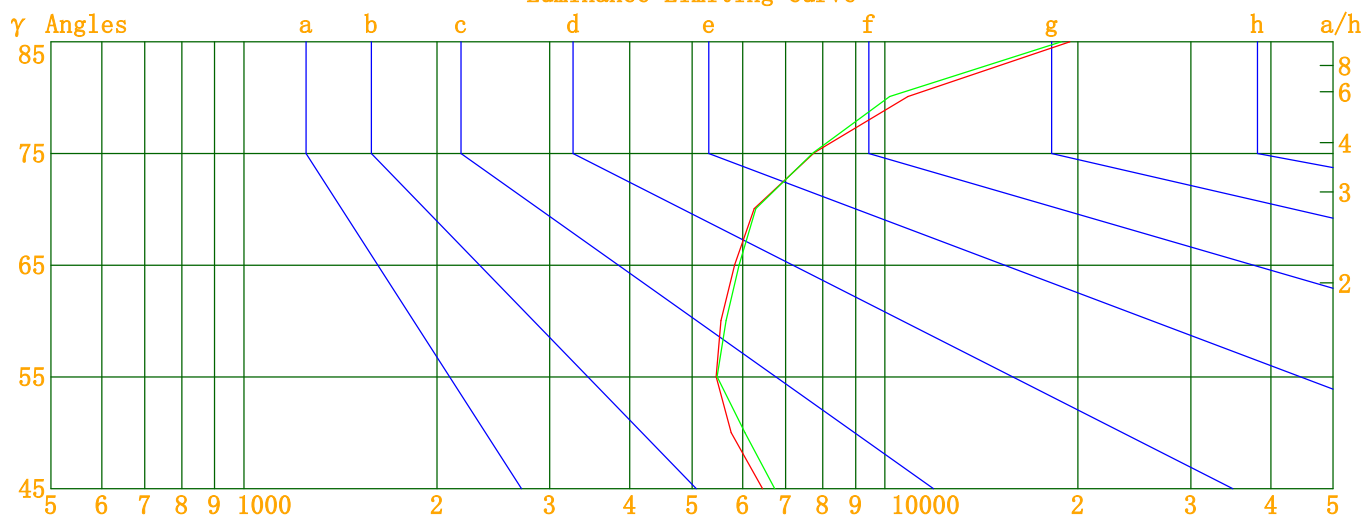
Glare Grade Table

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	6446	5754	5454	5547	5828	6252	7759	10860	19441
C90	6728	6047	5471	5654	5925	6291	7737	10172	18838

Luminance Limiting Curve



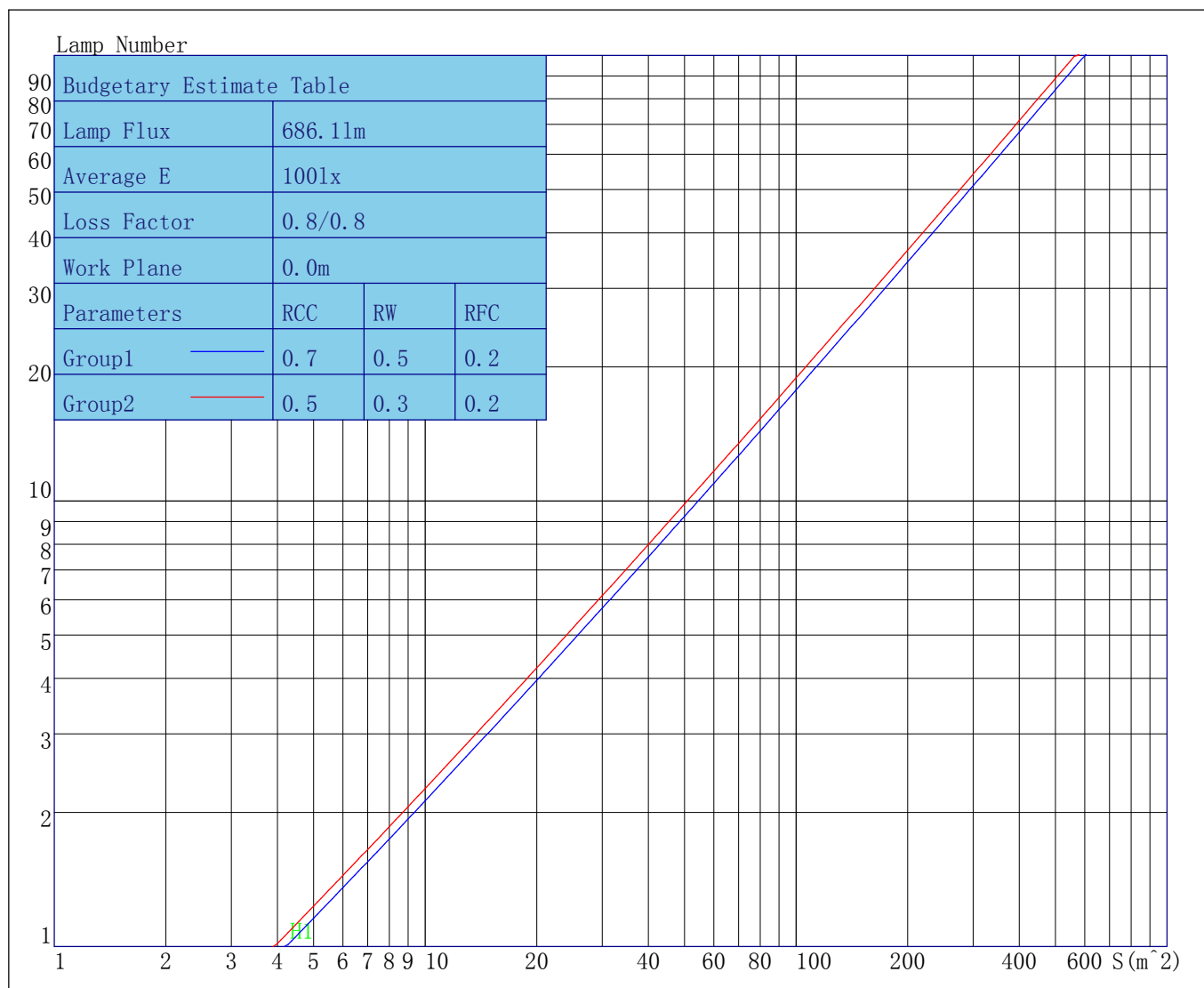
Luminous Size: Length(m)=-0.066 Width(m)=-0.066 Height(m)=0.000 Area(m^2)=0.003421
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:AW12540 12W 1204C9 3090 ZHT35-15D 300.IES

Indoor Budgetary Estimate Table

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1204C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/16



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:AW12540 12W 1204C9 3090 ZHT35-15D 300.IES

Indoor Coefficient of Utilization Table

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1204C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine:GON-2000	Test Date: 2023/07/16

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	109	109	109	103	103	103	98	98	98	96
1	113	111	109	107	110	108	106	105	104	102	101	99	98	97	95	94	94	92
2	109	105	102	99	107	103	100	97	99	97	95	96	94	92	92	91	90	88
3	105	100	96	93	103	98	95	92	95	92	90	92	90	88	90	88	86	85
4	101	95	91	88	100	94	90	87	92	88	86	89	87	84	87	85	83	82
5	98	92	87	84	96	91	86	83	88	85	82	86	83	81	85	82	80	79
6	95	88	84	80	93	87	83	80	86	82	79	84	81	78	82	80	78	76
7	92	85	81	77	91	84	80	77	83	79	76	81	78	76	80	77	75	74
8	89	82	78	75	88	82	77	74	80	77	74	79	76	73	78	75	73	72
9	87	80	75	72	86	79	75	72	78	74	72	77	74	71	76	73	71	70
10	85	77	73	70	84	77	73	70	76	72	70	75	72	69	74	71	69	68

IES Indoor Report

Photometric Filename:AW12540 12W 1204C9 3090 ZHT35-15D 300.IES

Unified Glare Rating Table

Lum. Name: AW12540	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1204C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine:GON-2000	Test Date: 2023/07/16

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	10.4	11.3	10.8	11.7	12.1	11.9	12.8	12.4	13.2	13.7
	Y=3H	12.1	12.9	12.6	13.3	13.8	13.5	14.3	13.9	14.7	15.2
	Y=4H	13.3	14.1	13.8	14.5	15.0	14.4	15.2	14.9	15.6	16.1
	Y=6H	14.9	15.5	15.4	16.0	16.5	15.7	16.4	16.2	16.8	17.3
	Y=8H	15.7	16.4	16.2	16.8	17.3	16.4	17.0	16.9	17.5	18.0
	Y=12H	16.8	17.4	17.3	17.9	18.4	17.3	17.9	17.8	18.4	18.9
X=4H	Y=2H	10.8	11.5	11.2	11.9	12.4	12.4	13.2	12.9	13.6	14.1
	Y=3H	12.7	13.3	13.2	13.8	14.3	14.3	14.9	14.8	15.4	15.9
	Y=4H	14.1	14.6	14.6	15.1	15.6	15.4	16.0	16.0	16.5	17.0
	Y=6H	15.8	16.3	16.4	16.8	17.4	16.9	17.4	17.5	17.9	18.5
	Y=8H	16.9	17.3	17.4	17.8	18.4	17.8	18.2	18.3	18.7	19.3
	Y=12H	18.1	18.5	18.7	19.0	19.6	18.8	19.2	19.4	19.8	20.3
X=8H	Y=4H	14.5	14.9	15.1	15.5	16.0	16.0	16.4	16.5	16.9	17.5
	Y=6H	16.5	16.8	17.1	17.4	18.0	17.8	18.1	18.3	18.7	19.3
	Y=8H	17.7	18.0	18.3	18.6	19.1	18.8	19.1	19.4	19.7	20.3
	Y=12H	19.2	19.4	19.7	20.0	20.6	20.1	20.3	20.7	20.9	21.6
X=12H	Y=4H	14.6	15.0	15.2	15.5	16.1	16.1	16.5	16.7	17.0	17.6
	Y=6H	16.7	17.0	17.3	17.5	18.2	18.0	18.3	18.6	18.8	19.5
	Y=8H	18.0	18.2	18.6	18.8	19.5	19.2	19.4	19.8	20.0	20.7
Variations with the objverer position at spacings											
S=1.0H	0.0/-0.0					0.1/-0.1					
S=1.5H	0.1/-0.2					0.1/-0.1					
S=2.0H	0.2/-0.4					0.1/-0.1					
Reduced UGR Table:											
Nordic Standard Table:	BKO					BKO					
Correction Value	5.2					4.9					

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

IES Indoor Report

Photometric Filename:AW12540 12W 1204C9 3090 ZHT35-15D 300.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	2888.81	2888.81	2888.81	2888.81	2888.81	2888.81	2888.81	2888.81	2888.81	2888.81	2888.81	2888.81
γ 1.0	2923.94	2919.55	2913.62	2895.98	2884.09	2870.76	2865.33	2856.44	2928.38	2912.47	2888.17	2859.66
γ 2.0	2869.54	2869.72	2877.85	2873.72	2867.66	2857.16	2852.47	2848.90	2894.12	2877.25	2848.54	2818.75
γ 3.0	2794.63	2793.03	2807.64	2817.71	2822.60	2818.44	2815.70	2824.18	2842.64	2827.00	2796.32	2765.94
γ 4.0	2702.50	2700.03	2717.16	2738.67	2754.02	2760.84	2763.31	2780.76	2779.28	2763.59	2732.52	2700.22
γ 5.0	2590.47	2589.75	2610.29	2640.67	2667.78	2686.80	2696.28	2721.48	2704.13	2687.35	2656.13	2621.30
γ 6.0	2461.95	2462.28	2487.19	2525.54	2564.63	2596.65	2614.39	2648.30	2614.14	2597.62	2564.82	2526.77
γ 7.0	2314.01	2315.94	2346.97	2391.01	2444.19	2489.80	2517.13	2559.77	2508.64	2490.97	2456.15	2413.68
γ 8.0	2147.60	2149.19	2186.95	2236.13	2303.30	2364.84	2402.55	2453.63	2383.32	2365.40	2327.76	2281.13
γ 9.0	1959.48	1962.42	2005.33	2059.58	2140.64	2219.11	2269.00	2328.85	2241.07	2223.02	2181.54	2131.07
γ 10.0	1758.38	1760.18	1806.48	1864.81	1957.15	2052.90	2115.59	2184.51	2081.25	2063.79	2018.43	1962.70
γ 11.0	1545.60	1548.47	1596.50	1657.68	1758.64	1870.14	1944.60	2022.20	1905.04	1889.70	1840.22	1779.02
γ 12.0	1335.71	1337.43	1386.36	1449.02	1554.25	1674.88	1760.40	1845.50	1718.05	1703.89	1650.69	1586.04
γ 13.0	1137.87	1139.36	1186.30	1249.66	1353.15	1477.61	1570.66	1657.86	1524.85	1511.65	1456.04	1390.91
γ 14.0	956.80	961.14	1002.82	1064.42	1162.53	1287.94	1381.54	1468.50	1335.41	1323.09	1268.71	1203.90
γ 15.0	797.48	802.05	842.80	898.01	990.95	1110.64	1201.98	1287.14	1158.94	1149.56	1097.34	1034.63
γ 16.0	659.98	664.07	700.99	751.87	836.97	951.15	1040.58	1119.99	1004.59	997.15	948.36	887.28
γ 17.0	547.61	547.89	580.15	624.72	702.66	811.25	898.49	972.26	872.68	866.22	820.67	760.97
γ 18.0	456.14	453.17	480.04	518.52	588.62	691.73	776.90	845.11	757.58	753.06	710.08	652.55
γ 19.0	378.95	376.48	399.00	431.73	493.81	589.75	672.73	734.72	656.93	653.87	613.35	557.96
γ 20.0	316.50	313.16	331.88	359.66	412.85	501.50	580.89	637.39	567.65	565.61	528.00	474.60
γ 21.0	263.67	261.13	276.53	299.93	345.23	425.12	498.89	550.66	489.05	487.62	453.04	402.09
γ 22.0	220.12	218.46	230.79	250.14	288.39	358.71	425.47	473.37	419.38	418.26	386.97	339.26
γ 23.0	184.85	183.04	193.11	208.97	240.78	301.63	361.83	404.89	357.70	357.16	329.47	285.70
γ 24.0	156.19	154.57	162.85	175.42	201.56	253.76	306.54	344.78	304.32	303.65	278.95	240.27
γ 25.0	132.63	131.72	138.56	148.23	169.66	213.49	258.99	292.82	257.79	256.91	235.60	201.48
γ 26.0	113.96	112.93	118.79	126.34	143.83	179.99	218.68	248.54	217.62	216.64	198.17	169.21
γ 27.0	98.89	98.02	102.75	108.84	122.98	152.41	184.89	210.71	182.92	182.28	166.30	142.37
γ 28.0	86.42	85.96	89.82	94.60	105.97	129.90	156.97	178.79	154.24	153.24	140.06	119.75
γ 29.0	75.45	75.78	78.57	82.83	92.07	111.22	133.51	151.87	130.05	128.37	117.86	100.77
γ 30.0	66.78	66.96	69.51	72.82	80.55	95.82	113.83	129.05	109.43	107.34	98.68	84.95
γ 31.0	59.07	59.71	61.59	64.55	71.14	83.08	97.88	110.03	92.35	89.82	82.79	71.68
γ 32.0	52.64	53.58	54.89	57.38	63.03	72.52	83.95	94.01	77.79	75.10	69.24	60.81
γ 33.0	47.06	47.92	49.31	51.22	56.17	63.60	72.46	80.34	65.64	62.77	57.89	51.65
γ 34.0	42.30	43.06	44.29	46.02	49.93	56.16	62.87	68.60	55.45	52.62	48.75	43.86
γ 35.0	38.10	39.05	39.92	41.34	44.83	49.55	54.73	58.98	46.71	44.20	41.05	37.31
γ 36.0	34.58	35.66	36.10	37.56	40.31	43.87	47.86	50.96	39.70	37.39	34.85	31.98
γ 37.0	31.49	32.55	32.91	34.28	36.77	39.28	42.02	44.24	33.78	31.50	29.65	27.62
γ 38.0	28.72	29.45	30.34	31.32	33.17	35.37	37.17	38.81	28.60	26.46	25.04	23.79
γ 39.0	26.13	26.77	27.43	28.53	29.99	31.68	32.87	33.99	24.09	22.14	21.26	20.29
γ 40.0	23.86	24.32	25.09	25.85	27.43	28.31	28.83	29.82	20.24	18.10	17.63	17.01
γ 41.0	21.43	22.07	22.89	23.57	24.71	25.27	25.38	26.11	16.75	14.97	14.55	14.26
γ 42.0	19.28	20.10	20.68	21.35	22.12	22.49	22.15	22.51	13.97	12.65	12.32	12.32
γ 43.0	17.41	18.12	18.66	18.99	19.84	19.97	19.32	19.72	11.75	11.38	11.46	11.23
γ 44.0	16.27	16.35	16.84	16.93	17.57	17.74	17.40	18.03	10.82	10.67	10.97	10.18
γ 45.0	15.59	15.45	15.97	15.74	16.28	16.37	16.61	17.09	10.27	9.87	10.41	9.53
γ 46.0	15.06	14.70	15.44	15.06	15.63	15.61	15.92	16.30	9.65	9.10	9.69	9.09

IES Indoor Report

Photometric Filename:AW12540 12W 1204C9 3090 ZHT35-15D 300.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
γ 47.0	14.36	14.21	14.59	14.47	14.83	14.92	15.34	15.49	8.64	8.44	8.83	8.32
γ 48.0	13.72	13.62	14.03	13.98	14.38	14.26	14.66	15.00	7.92	7.78	8.06	7.59
γ 49.0	12.97	13.13	13.74	13.39	13.88	13.68	14.25	14.56	7.02	7.35	7.39	6.89
γ 50.0	12.65	12.52	13.12	12.84	13.30	13.32	13.66	13.67	6.67	6.74	6.57	6.18
γ 51.0	12.23	12.15	12.44	12.29	12.52	12.73	13.10	13.09	6.05	5.91	5.87	5.53
γ 52.0	11.88	11.65	11.68	11.66	12.01	12.13	12.40	12.65	5.10	5.06	5.40	4.91
γ 53.0	11.24	10.91	11.43	11.05	11.41	11.58	11.84	11.94	4.79	4.69	4.82	4.46
γ 54.0	11.23	10.57	10.85	10.61	10.94	11.19	11.58	11.59	4.71	4.57	4.82	4.18
γ 55.0	10.70	10.33	10.72	10.28	10.74	10.83	11.28	11.38	4.10	4.23	4.38	3.82
γ 56.0	10.29	10.16	10.38	10.05	10.54	10.51	10.99	11.16	3.96	3.80	4.21	3.62
γ 57.0	10.22	9.73	10.26	9.95	10.35	10.28	10.91	10.90	3.75	3.54	3.99	3.63
γ 58.0	9.70	9.56	9.80	9.78	10.01	10.13	10.45	10.52	3.77	3.65	4.02	3.61
γ 59.0	9.64	9.29	9.61	9.53	9.83	9.74	10.24	10.17	3.49	3.54	3.91	3.47
γ 60.0	9.49	9.02	9.32	9.35	9.67	9.53	10.05	9.96	3.70	3.24	3.67	3.28
γ 61.0	9.31	8.93	9.19	9.09	9.36	9.40	9.60	9.94	3.13	3.12	3.59	2.98
γ 62.0	9.34	8.75	9.18	8.85	9.05	9.27	9.30	9.60	3.00	3.06	3.48	2.84
γ 63.0	9.03	8.41	9.05	8.58	8.96	9.11	9.07	9.41	2.89	2.88	3.19	2.70
γ 64.0	8.75	8.25	8.42	8.17	8.87	8.78	8.84	9.07	3.08	2.70	3.17	2.71
γ 65.0	8.43	7.98	8.36	8.04	8.57	8.70	8.75	8.76	2.81	2.68	2.94	2.56
γ 66.0	8.17	7.61	7.96	7.78	8.14	8.36	8.61	8.56	2.64	2.62	2.79	2.51
γ 67.0	7.79	7.35	7.77	7.49	7.89	8.00	8.42	8.41	2.41	2.49	2.71	2.52
γ 68.0	7.55	7.21	7.63	7.35	7.85	7.88	8.31	8.17	2.56	2.35	3.02	2.57
γ 69.0	7.46	6.97	7.50	7.26	7.58	7.56	8.04	8.03	2.75	2.33	2.80	2.46
γ 70.0	7.32	6.71	7.20	7.13	7.36	7.34	7.76	8.04	2.55	2.60	2.72	2.45
γ 71.0	7.26	6.53	7.27	6.85	7.07	7.23	7.58	7.70	2.89	2.50	2.96	2.63
γ 72.0	7.17	6.48	7.06	6.54	6.87	7.09	7.49	7.43	2.62	2.40	2.70	2.75
γ 73.0	7.10	6.46	6.71	6.39	6.68	6.96	7.22	7.26	2.53	2.43	2.65	2.60
γ 74.0	6.95	6.25	6.43	6.34	6.66	6.62	7.00	7.17	2.79	2.51	3.04	2.63
γ 75.0	6.87	6.13	6.84	6.20	6.85	6.45	6.78	6.90	2.70	2.64	2.81	2.80
γ 76.0	6.74	6.23	6.52	6.12	6.40	6.41	6.87	6.90	2.88	2.63	2.78	2.87
γ 77.0	6.43	5.99	6.48	6.10	6.45	6.47	6.84	6.65	3.16	2.75	2.84	3.00
γ 78.0	6.38	5.91	6.22	6.22	6.35	6.39	6.66	6.39	3.04	2.77	2.91	3.09
γ 79.0	6.40	5.94	6.29	6.23	6.22	6.28	6.49	6.32	2.91	2.82	2.90	3.06
γ 80.0	6.45	5.75	6.21	6.01	6.04	6.02	6.37	6.36	2.96	2.92	3.02	3.13
γ 81.0	6.18	5.71	6.18	5.61	5.79	5.93	6.10	6.19	2.91	2.96	3.20	3.21
γ 82.0	5.93	5.57	5.98	5.57	5.73	5.96	6.02	6.21	2.92	3.03	3.30	3.14
γ 83.0	5.60	5.36	5.86	5.61	5.80	5.93	6.07	6.21	3.11	3.15	3.29	3.24
γ 84.0	5.92	5.38	5.74	5.24	5.79	5.76	5.79	6.07	3.41	3.21	3.62	3.37
γ 85.0	5.80	5.27	5.69	5.18	5.62	5.55	5.76	5.87	3.29	3.05	3.62	3.36
γ 86.0	5.92	5.13	5.51	5.32	5.56	5.53	5.53	5.64	3.56	2.84	3.74	3.23
γ 87.0	5.64	5.13	5.25	5.27	5.34	5.41	5.49	5.77	3.34	3.03	3.70	3.27
γ 88.0	5.26	5.05	5.16	5.18	5.39	5.50	5.47	5.75	3.57	3.36	3.78	3.43
γ 89.0	5.34	4.91	5.28	5.12	5.17	5.39	5.38	5.73	3.82	3.24	3.71	3.48
γ 90.0	5.45	4.88	5.28	5.04	5.02	5.34	5.42	5.64	3.65	3.00	3.81	3.49
γ 91.0	5.25	4.85	5.01	4.94	4.97	5.30	5.47	5.40	3.40	3.13	3.84	3.63
γ 92.0	5.33	4.80	4.70	4.85	4.88	4.99	5.40	5.31	3.68	3.24	3.68	3.83
γ 93.0	5.11	4.77	4.91	4.90	5.05	4.93	5.22	5.44	3.70	3.24	3.94	3.84

IES Indoor Report

Photometric Filename:AW12540 12W 1204C9 3090 ZHT35-15D 300.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
γ 94.0	4.93	4.81	4.98	4.74	5.04	5.01	5.11	5.47	3.81	3.28	3.80	3.78
γ 95.0	4.95	4.77	4.97	4.50	4.68	4.88	5.16	5.44	3.67	3.40	3.75	3.82
γ 96.0	4.87	4.77	5.08	4.54	4.82	4.96	4.83	5.48	3.60	3.38	3.78	4.01
γ 97.0	4.72	4.71	4.89	4.47	4.99	4.89	4.89	5.33	3.76	3.37	3.93	3.94
γ 98.0	4.85	4.67	4.90	4.60	4.76	4.66	4.84	5.17	3.87	3.39	3.62	3.87
γ 99.0	5.03	4.62	4.82	4.64	4.81	4.62	4.70	5.24	3.92	3.44	3.68	3.99
γ 100.0	4.73	4.70	4.58	4.36	4.80	4.75	4.77	5.26	3.74	3.63	3.81	3.98
γ 101.0	4.90	4.62	4.64	4.32	4.92	4.62	4.93	5.10	3.85	3.63	3.93	3.91
γ 102.0	4.80	4.70	4.80	4.37	4.73	4.67	4.97	4.84	3.77	3.74	4.04	3.94
γ 103.0	4.90	4.56	4.74	4.43	4.68	4.47	4.96	4.96	3.74	3.65	3.81	4.02
γ 104.0	4.57	4.44	4.63	4.60	4.73	4.42	4.93	4.93	3.67	3.69	3.94	4.10
γ 105.0	4.38	4.55	4.54	4.62	4.66	4.44	4.59	4.88	3.75	3.76	3.73	4.20
γ 106.0	4.39	4.42	4.56	4.49	4.39	4.32	4.76	4.96	3.70	3.77	4.06	3.96
γ 107.0	4.58	4.28	4.26	4.13	4.52	4.34	4.52	4.91	3.74	3.73	3.84	3.85
γ 108.0	4.57	4.28	4.29	4.09	4.66	4.29	4.59	4.97	3.67	3.60	3.92	3.91
γ 109.0	4.40	4.19	4.26	4.15	4.52	4.27	4.52	4.92	3.87	3.73	4.18	3.95
γ 110.0	4.34	4.20	4.40	4.25	4.66	4.13	4.37	4.86	3.67	3.81	4.16	4.01
γ 111.0	4.55	4.03	4.41	4.39	4.63	4.13	4.54	4.67	3.71	3.82	4.03	3.98
γ 112.0	4.52	3.80	4.32	4.44	4.53	4.35	4.56	4.58	3.92	3.81	3.90	4.07
γ 113.0	4.24	3.85	4.52	4.39	4.26	4.29	4.60	4.62	3.70	3.59	3.88	4.12
γ 114.0	4.38	3.94	4.51	4.28	4.11	4.29	4.54	4.48	3.53	3.55	4.01	4.05
γ 115.0	4.19	3.81	4.36	4.36	4.30	4.28	4.46	4.40	3.56	3.64	3.96	4.20
γ 116.0	4.23	3.64	4.08	4.39	4.38	4.20	4.79	4.43	3.69	3.58	4.03	4.22
γ 117.0	4.04	3.68	4.28	4.34	4.28	4.09	4.63	4.44	3.57	3.86	4.18	4.10
γ 118.0	4.18	3.76	4.36	4.27	4.31	4.22	4.44	4.25	3.55	3.77	4.06	4.26
γ 119.0	4.02	3.72	4.30	4.24	4.03	4.28	4.39	4.40	3.61	3.50	4.00	4.16
γ 120.0	3.98	3.76	4.41	4.36	4.04	4.24	4.15	4.44	3.50	3.77	3.81	4.19
γ 121.0	3.95	3.86	4.19	4.38	4.07	4.03	4.18	4.49	3.59	3.75	4.08	4.31
γ 122.0	3.88	4.11	4.21	4.22	4.07	4.06	4.24	4.43	3.70	3.69	3.79	4.07
γ 123.0	4.02	4.12	4.38	4.33	3.95	4.17	4.16	4.42	3.82	3.63	3.97	4.23
γ 124.0	4.03	3.94	4.45	4.27	3.88	4.13	4.27	4.23	3.58	3.58	4.07	4.14
γ 125.0	3.79	3.83	4.20	4.09	3.99	4.02	4.19	4.37	3.67	3.92	4.12	4.01
γ 126.0	3.99	3.82	4.30	4.18	3.91	4.06	4.08	4.40	3.63	4.07	4.19	4.03
γ 127.0	3.87	3.96	4.00	3.96	3.97	4.13	4.22	4.29	3.78	3.98	3.96	4.02
γ 128.0	4.14	4.08	4.18	3.82	3.76	4.25	4.09	4.17	3.78	3.88	3.89	3.82
γ 129.0	3.92	4.13	3.92	3.93	3.80	4.27	3.91	4.20	3.60	3.87	4.26	3.85
γ 130.0	3.83	3.93	4.20	4.02	3.97	4.10	3.87	4.38	3.59	3.84	4.13	4.05
γ 131.0	3.91	3.79	4.27	3.85	3.96	3.94	4.02	4.45	3.68	3.96	4.12	4.03
γ 132.0	3.96	3.85	4.39	3.77	3.99	3.79	4.06	4.29	3.61	3.89	4.15	3.86
γ 133.0	3.97	4.09	4.42	3.68	4.05	3.98	4.05	4.35	3.89	3.91	4.11	4.06
γ 134.0	3.88	4.17	4.28	3.57	3.83	3.94	4.10	4.24	3.95	3.95	4.24	4.21
γ 135.0	3.94	4.10	4.26	3.76	3.81	3.86	3.95	4.12	3.89	3.91	4.20	4.20
γ 136.0	3.97	3.95	4.22	4.01	3.74	4.05	3.96	4.19	3.80	3.79	4.44	4.26
γ 137.0	4.20	4.01	4.43	4.14	3.88	4.07	3.89	4.13	3.88	3.90	4.20	4.10
γ 138.0	4.31	3.94	4.37	4.13	3.94	3.98	3.90	4.18	3.83	4.01	4.07	4.22
γ 139.0	4.19	4.07	4.57	4.37	4.08	4.07	3.95	4.28	4.04	4.07	4.21	4.38
γ 140.0	4.08	4.20	4.54	4.25	3.96	4.10	3.93	4.26	4.08	3.92	4.11	4.21

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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	4. 03	4. 31	4. 67	4. 05	4. 22	4. 27	3. 96	4. 48	3. 86	3. 92	4. 39	4. 26
γ 142. 0	4. 09	4. 33	4. 35	4. 05	3. 97	4. 41	4. 05	4. 49	3. 90	4. 16	4. 55	4. 48
γ 143. 0	4. 12	4. 30	4. 33	4. 22	4. 26	4. 37	4. 07	4. 30	3. 93	4. 16	4. 40	4. 41
γ 144. 0	4. 38	4. 36	4. 50	4. 50	4. 33	4. 29	4. 00	4. 31	4. 03	4. 00	4. 59	4. 49
γ 145. 0	4. 39	4. 31	4. 51	4. 38	4. 22	4. 43	4. 00	4. 41	4. 05	4. 00	4. 60	4. 56
γ 146. 0	4. 40	4. 40	4. 62	4. 40	4. 22	4. 58	4. 11	4. 60	4. 08	4. 11	4. 72	4. 49
γ 147. 0	4. 60	4. 48	4. 89	4. 54	4. 31	4. 56	4. 39	4. 66	3. 98	4. 23	4. 47	4. 41
γ 148. 0	4. 73	4. 50	4. 68	4. 62	4. 32	4. 47	4. 65	4. 56	4. 00	4. 27	4. 70	4. 45
γ 149. 0	4. 77	4. 73	4. 83	4. 66	4. 44	4. 52	4. 83	4. 69	4. 29	4. 31	4. 62	4. 54
γ 150. 0	4. 77	4. 75	4. 89	4. 71	4. 44	4. 72	4. 88	4. 68	4. 30	4. 49	4. 82	4. 54
γ 151. 0	4. 97	4. 89	5. 40	4. 84	4. 60	4. 78	4. 81	4. 71	4. 37	4. 57	4. 80	4. 66
γ 152. 0	5. 05	4. 81	5. 45	5. 01	4. 70	4. 90	4. 95	4. 93	4. 48	4. 45	4. 94	4. 73
γ 153. 0	5. 10	5. 06	5. 39	5. 16	4. 85	4. 90	4. 95	5. 03	4. 68	4. 46	4. 92	4. 79
γ 154. 0	5. 62	5. 34	5. 62	5. 09	4. 63	4. 97	5. 11	5. 09	4. 87	4. 74	4. 87	4. 92
γ 155. 0	5. 42	5. 25	5. 39	5. 20	4. 91	5. 08	5. 34	5. 11	4. 85	4. 78	5. 17	4. 95
γ 156. 0	5. 38	5. 21	5. 29	5. 24	5. 11	5. 35	5. 49	5. 26	4. 97	4. 78	5. 49	5. 07
γ 157. 0	5. 44	5. 34	5. 67	5. 34	5. 16	5. 60	5. 29	5. 49	4. 92	4. 56	5. 58	5. 19
γ 158. 0	5. 47	5. 58	5. 57	5. 63	5. 12	5. 60	5. 38	5. 63	5. 09	4. 69	5. 45	5. 30
γ 159. 0	5. 62	5. 62	5. 68	5. 48	5. 20	5. 80	5. 48	5. 71	5. 07	4. 97	5. 54	5. 42
γ 160. 0	5. 63	5. 58	5. 68	5. 56	5. 53	5. 59	5. 52	5. 70	5. 25	5. 18	5. 52	5. 39
γ 161. 0	5. 73	5. 67	5. 81	5. 75	5. 59	5. 52	5. 89	5. 69	5. 21	5. 27	5. 86	5. 53
γ 162. 0	5. 58	5. 72	5. 89	5. 81	5. 57	5. 91	6. 19	5. 58	5. 32	5. 29	5. 69	5. 66
γ 163. 0	6. 15	5. 78	6. 01	5. 94	5. 80	6. 12	6. 19	5. 70	5. 44	5. 31	5. 85	5. 72
γ 164. 0	6. 09	5. 83	5. 93	6. 06	5. 87	5. 96	5. 94	5. 80	5. 49	5. 42	5. 71	5. 81
γ 165. 0	6. 10	5. 99	6. 01	6. 16	6. 04	6. 01	6. 03	5. 80	5. 53	5. 34	5. 80	5. 95
γ 166. 0	5. 85	5. 93	6. 06	6. 22	5. 87	6. 08	6. 17	5. 87	5. 63	5. 35	5. 93	5. 86
γ 167. 0	5. 83	5. 92	5. 97	6. 23	5. 76	6. 02	5. 98	5. 96	5. 46	5. 47	5. 95	5. 91
γ 168. 0	5. 95	6. 09	5. 82	6. 15	5. 78	6. 14	6. 13	6. 05	5. 47	5. 64	6. 02	5. 93
γ 169. 0	6. 25	6. 02	6. 10	6. 19	5. 96	6. 21	6. 12	5. 84	5. 66	5. 73	5. 68	5. 97
γ 170. 0	6. 01	5. 97	6. 15	6. 09	6. 12	6. 20	5. 97	5. 83	5. 67	5. 64	6. 23	5. 95
γ 171. 0	6. 22	5. 92	6. 01	6. 13	6. 18	6. 16	5. 83	5. 86	5. 49	5. 70	5. 94	6. 06
γ 172. 0	6. 06	5. 86	6. 06	6. 18	5. 95	6. 09	5. 92	5. 89	5. 80	5. 78	5. 93	6. 02
γ 173. 0	6. 12	5. 92	6. 14	6. 21	5. 93	6. 19	6. 13	6. 07	5. 55	5. 63	5. 99	5. 96
γ 174. 0	5. 89	5. 91	5. 81	6. 26	6. 02	6. 23	5. 93	6. 14	5. 61	5. 58	6. 16	5. 97
γ 175. 0	6. 04	5. 86	5. 94	6. 17	6. 01	6. 08	6. 03	5. 96	5. 57	5. 65	6. 32	6. 03
γ 176. 0	5. 95	5. 80	6. 16	6. 17	6. 01	5. 92	6. 06	6. 01	5. 83	5. 60	6. 24	6. 09
γ 177. 0	5. 66	5. 79	6. 25	6. 19	5. 89	5. 96	6. 06	6. 01	5. 83	5. 47	6. 12	6. 15
γ 178. 0	5. 83	5. 72	6. 30	6. 28	6. 09	6. 07	6. 13	5. 93	5. 81	5. 45	6. 19	6. 13
γ 179. 0	5. 71	5. 71	6. 29	6. 33	5. 91	6. 02	6. 20	6. 01	6. 00	5. 36	6. 16	6. 07
γ 180. 0	5. 90	5. 90	5. 90	5. 90	5. 90	5. 90	5. 90	5. 90	5. 90	5. 90	5. 90	5. 90
V/H	C270. 0	C292. 5	C315. 0	C337. 5								
γ 0. 0	2888. 81	2888. 81	2888. 81	2888. 81								
γ 1. 0	2844. 56	2832. 04	2832. 21	2815. 89								
γ 2. 0	2802. 70	2788. 67	2786. 26	2757. 06								
γ 3. 0	2746. 17	2727. 00	2717. 38	2678. 39								
γ 4. 0	2676. 05	2647. 49	2630. 38	2581. 56								
γ 5. 0	2590. 19	2551. 40	2525. 93	2466. 72								

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Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 6. 0	2487. 60	2438. 21	2403. 25	2333. 21
γ 7. 0	2366. 55	2306. 11	2260. 07	2179. 12
γ 8. 0	2225. 66	2153. 77	2097. 80	2005. 14
γ 9. 0	2066. 22	1984. 78	1918. 03	1815. 18
γ 10. 0	1891. 46	1800. 16	1723. 14	1612. 28
γ 11. 0	1702. 08	1604. 49	1520. 39	1405. 60
γ 12. 0	1504. 03	1406. 25	1319. 20	1203. 87
γ 13. 0	1307. 60	1212. 84	1127. 53	1017. 04
γ 14. 0	1122. 43	1033. 18	952. 25	849. 68
γ 15. 0	958. 40	874. 89	797. 62	704. 51
γ 16. 0	817. 19	740. 46	666. 59	583. 16
γ 17. 0	696. 76	626. 69	557. 60	483. 79
γ 18. 0	593. 65	529. 70	466. 56	401. 83
γ 19. 0	503. 74	446. 52	390. 64	333. 92
γ 20. 0	425. 38	374. 80	326. 43	277. 64
γ 21. 0	357. 93	313. 67	272. 24	231. 17
γ 22. 0	300. 23	261. 93	226. 91	192. 77
γ 23. 0	251. 31	218. 52	189. 71	161. 01
γ 24. 0	210. 60	182. 64	159. 04	135. 45
γ 25. 0	176. 79	153. 23	133. 76	114. 79
γ 26. 0	148. 48	129. 07	113. 26	97. 87
γ 27. 0	125. 01	109. 49	96. 33	84. 12
γ 28. 0	106. 03	93. 26	82. 65	72. 75
γ 29. 0	90. 19	79. 81	71. 29	63. 37
γ 30. 0	76. 79	68. 45	61. 71	55. 41
γ 31. 0	65. 42	58. 89	53. 66	48. 40
γ 32. 0	56. 01	51. 03	46. 77	42. 46
γ 33. 0	48. 07	44. 35	40. 91	37. 67
γ 34. 0	41. 66	38. 84	35. 89	33. 48
γ 35. 0	36. 03	33. 97	31. 43	29. 62
γ 36. 0	31. 26	29. 68	27. 70	26. 09
γ 37. 0	27. 36	26. 05	24. 35	23. 03
γ 38. 0	23. 90	22. 82	21. 43	20. 37
γ 39. 0	20. 61	19. 74	18. 72	17. 86
γ 40. 0	17. 46	16. 89	15. 91	15. 42
γ 41. 0	14. 59	14. 33	13. 58	13. 20
γ 42. 0	12. 32	12. 09	11. 68	11. 31
γ 43. 0	11. 00	10. 52	10. 27	9. 90
γ 44. 0	10. 12	9. 59	9. 40	9. 24
γ 45. 0	9. 27	8. 97	8. 60	8. 53
γ 46. 0	8. 46	8. 27	7. 72	7. 77
γ 47. 0	8. 02	7. 64	7. 14	7. 13
γ 48. 0	7. 54	7. 18	6. 45	6. 43
γ 49. 0	6. 82	6. 61	5. 80	5. 59
γ 50. 0	5. 98	6. 00	5. 15	4. 89
γ 51. 0	5. 44	5. 26	4. 57	4. 73
γ 52. 0	4. 94	4. 59	4. 30	4. 56

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Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 53.0	4.51	4.27	4.00	4.28
γ 54.0	4.18	4.20	3.75	3.99
γ 55.0	3.91	4.07	3.50	3.83
γ 56.0	3.61	3.70	3.43	3.77
γ 57.0	3.63	3.64	3.12	3.66
γ 58.0	3.59	3.37	3.03	3.55
γ 59.0	3.38	3.29	3.26	3.31
γ 60.0	3.04	3.36	3.21	3.22
γ 61.0	2.92	3.25	2.91	3.18
γ 62.0	2.93	3.18	3.02	3.12
γ 63.0	2.76	3.22	2.95	2.90
γ 64.0	2.95	3.12	2.72	2.87
γ 65.0	2.76	3.00	2.72	2.65
γ 66.0	2.41	2.74	2.57	2.69
γ 67.0	2.63	2.68	2.62	3.05
γ 68.0	2.35	2.60	2.72	2.92
γ 69.0	2.37	2.73	2.65	2.80
γ 70.0	2.33	2.97	2.73	2.74
γ 71.0	2.43	2.87	2.81	2.87
γ 72.0	2.60	2.87	2.87	2.98
γ 73.0	2.41	2.96	2.90	2.96
γ 74.0	2.29	2.81	2.89	2.81
γ 75.0	2.40	2.81	2.92	2.80
γ 76.0	2.70	3.08	3.31	2.97
γ 77.0	2.47	3.06	3.37	3.07
γ 78.0	2.63	3.13	3.24	3.07
γ 79.0	2.79	3.35	3.18	3.08
γ 80.0	2.95	3.50	3.10	3.19
γ 81.0	3.07	3.53	3.02	3.40
γ 82.0	3.10	3.44	3.28	3.35
γ 83.0	3.18	3.39	3.36	3.44
γ 84.0	3.08	3.35	3.29	3.50
γ 85.0	3.15	3.45	3.35	3.41
γ 86.0	3.18	3.69	3.51	3.42
γ 87.0	3.31	3.59	3.61	3.53
γ 88.0	3.33	3.62	3.59	3.52
γ 89.0	3.25	3.65	3.66	3.52
γ 90.0	3.39	3.74	3.75	3.50
γ 91.0	3.43	3.74	3.58	3.58
γ 92.0	3.30	3.81	3.49	3.54
γ 93.0	3.50	3.89	3.51	3.58
γ 94.0	3.76	3.85	3.74	3.65
γ 95.0	3.57	3.87	3.87	3.59
γ 96.0	3.84	4.02	3.80	3.63
γ 97.0	3.55	3.90	3.93	3.65
γ 98.0	3.49	3.82	3.85	3.59
γ 99.0	3.41	3.90	3.91	3.76

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Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 100. 0	3. 47	3. 92	3. 94	3. 80
γ 101. 0	3. 47	3. 82	3. 89	3. 74
γ 102. 0	3. 73	3. 85	3. 89	3. 56
γ 103. 0	3. 63	3. 98	3. 96	3. 49
γ 104. 0	3. 60	3. 80	3. 84	3. 54
γ 105. 0	3. 74	3. 71	4. 02	3. 54
γ 106. 0	3. 62	3. 77	3. 98	3. 78
γ 107. 0	3. 63	3. 81	3. 88	3. 74
γ 108. 0	3. 40	3. 65	3. 88	3. 57
γ 109. 0	3. 76	3. 54	3. 94	3. 66
γ 110. 0	3. 71	3. 77	4. 07	3. 75
γ 111. 0	3. 68	3. 76	4. 11	3. 89
γ 112. 0	3. 86	3. 68	4. 09	3. 87
γ 113. 0	3. 91	3. 62	4. 10	3. 82
γ 114. 0	3. 93	3. 63	3. 96	3. 82
γ 115. 0	3. 69	3. 60	3. 87	3. 80
γ 116. 0	3. 75	3. 71	4. 03	3. 65
γ 117. 0	4. 07	3. 79	4. 12	3. 56
γ 118. 0	4. 01	3. 89	4. 14	3. 84
γ 119. 0	4. 12	3. 92	4. 18	3. 94
γ 120. 0	3. 97	3. 83	4. 33	3. 95
γ 121. 0	3. 78	3. 82	4. 12	3. 99
γ 122. 0	3. 80	4. 00	4. 08	3. 87
γ 123. 0	4. 04	3. 96	3. 98	3. 93
γ 124. 0	3. 88	3. 89	4. 07	4. 05
γ 125. 0	4. 04	3. 95	3. 95	3. 80
γ 126. 0	3. 90	4. 05	4. 09	3. 80
γ 127. 0	4. 10	4. 14	4. 07	4. 00
γ 128. 0	3. 77	4. 01	3. 72	4. 03
γ 129. 0	4. 00	3. 90	3. 84	4. 10
γ 130. 0	3. 92	3. 94	4. 13	4. 06
γ 131. 0	3. 97	3. 94	4. 31	4. 04
γ 132. 0	3. 95	3. 92	4. 24	4. 16
γ 133. 0	4. 29	3. 73	4. 19	4. 05
γ 134. 0	4. 16	3. 80	4. 31	4. 16
γ 135. 0	4. 04	3. 89	4. 19	4. 24
γ 136. 0	4. 06	3. 80	4. 35	4. 16
γ 137. 0	3. 97	3. 85	3. 97	4. 29
γ 138. 0	4. 15	3. 85	4. 22	4. 33
γ 139. 0	4. 01	3. 87	4. 47	4. 13
γ 140. 0	4. 12	3. 91	4. 22	4. 22
γ 141. 0	4. 10	3. 97	4. 22	4. 41
γ 142. 0	4. 24	4. 08	4. 47	4. 40
γ 143. 0	4. 37	4. 17	4. 55	4. 45
γ 144. 0	4. 29	4. 13	4. 82	4. 41
γ 145. 0	4. 39	4. 31	4. 67	4. 28
γ 146. 0	4. 54	4. 25	4. 66	4. 24

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Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 147.0	4.27	4.48	4.89	4.39
γ 148.0	4.49	4.53	4.88	4.55
γ 149.0	4.57	4.34	4.86	4.69
γ 150.0	4.64	4.58	5.00	4.74
γ 151.0	4.70	4.70	4.96	4.85
γ 152.0	4.96	4.59	5.16	4.89
γ 153.0	4.86	4.81	5.20	5.02
γ 154.0	5.00	4.99	5.15	5.28
γ 155.0	5.14	5.08	5.25	5.31
γ 156.0	5.10	5.07	5.35	5.28
γ 157.0	5.48	5.28	5.50	5.44
γ 158.0	5.40	5.81	5.62	5.57
γ 159.0	5.45	5.77	5.66	5.65
γ 160.0	5.63	5.57	6.21	5.72
γ 161.0	5.74	5.70	6.62	5.72
γ 162.0	5.72	5.85	5.98	5.72
γ 163.0	5.70	5.76	5.88	5.85
γ 164.0	5.60	5.54	5.90	5.89
γ 165.0	5.69	5.71	6.13	5.83
γ 166.0	5.51	5.59	6.20	5.94
γ 167.0	5.58	5.68	5.95	6.08
γ 168.0	5.53	5.80	5.84	6.17
γ 169.0	5.72	5.83	5.94	6.10
γ 170.0	5.66	5.78	6.22	5.97
γ 171.0	5.70	5.95	5.92	6.05
γ 172.0	5.75	5.84	5.93	5.94
γ 173.0	5.98	5.77	6.00	5.98
γ 174.0	5.95	5.68	5.90	6.05
γ 175.0	5.79	5.67	6.05	5.93
γ 176.0	5.57	5.80	6.02	5.94
γ 177.0	5.71	5.87	5.97	5.93
γ 178.0	5.83	5.94	6.02	5.88
γ 179.0	5.64	5.70	6.09	5.96
γ 180.0	5.90	5.90	5.90	5.90
