

IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

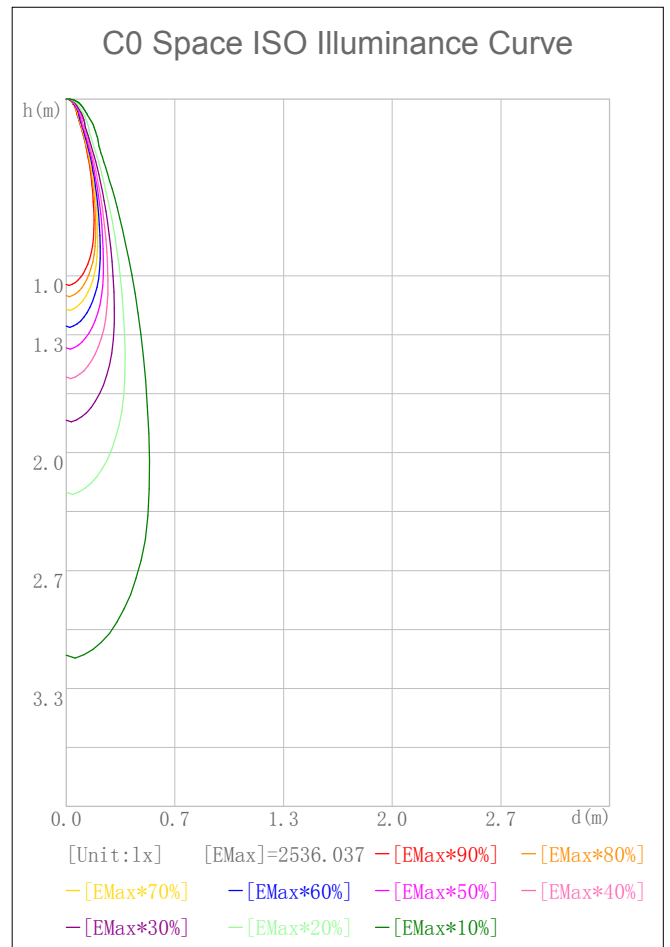
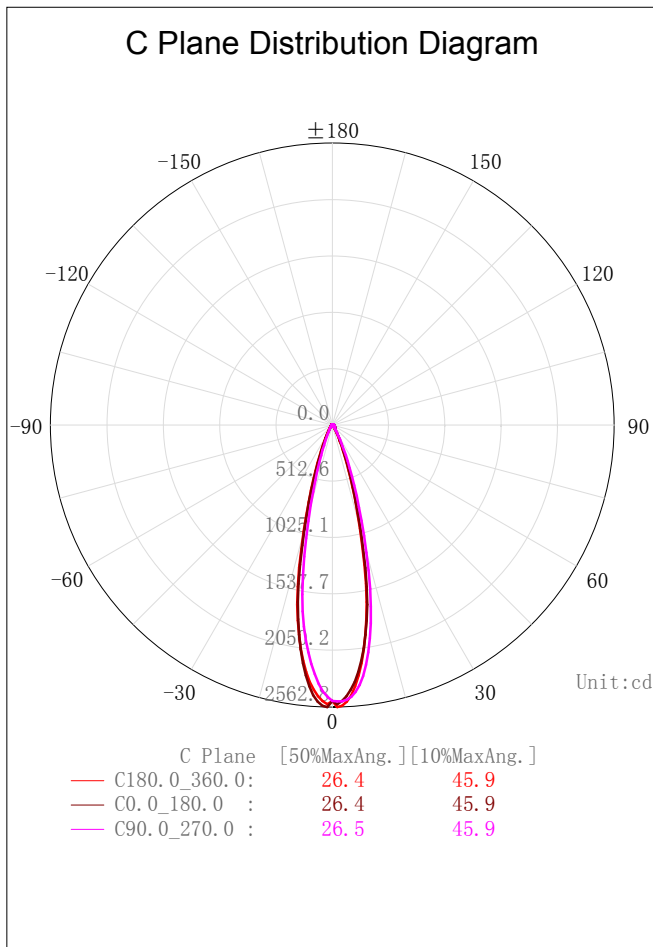
Indoor Luminaire Photometric Data

Description Information

Luminary Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Date: 2023/07/17
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(m ²):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): 643.000	Luminary Flux(lm): 643.267	Field Angle(10%Imax): 45.9(°)	
Rated Power(W): 10	Luminary Efficiency: 100.04%	Down Lumens&Percent: 620.079lm 96.40%	
Rated Voltage(V): 220	Luminary EER(lm/W): 60.686	Up Lumens&Percent: 23.189lm 3.60%	
Tested Power(W): 10.600	Max. Candela(cd): 2562.773	S/MH: C0_a180=0.454 C90_270=0.449	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):220.6, 0.087, 0.550	Beam Angle(50%Imax): 26.4(°)	ErP Φ use(90°): 596.661lm	
Lamp Size(W*L*H):0.066m*-0.066m*0.000m	Left=-13.3°, Right=13.1°	IRF(%): 883.376	



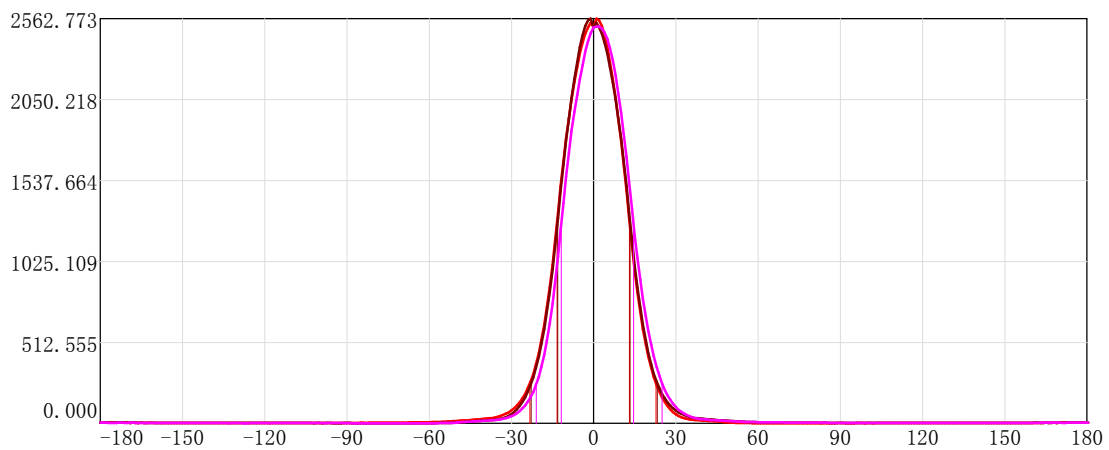
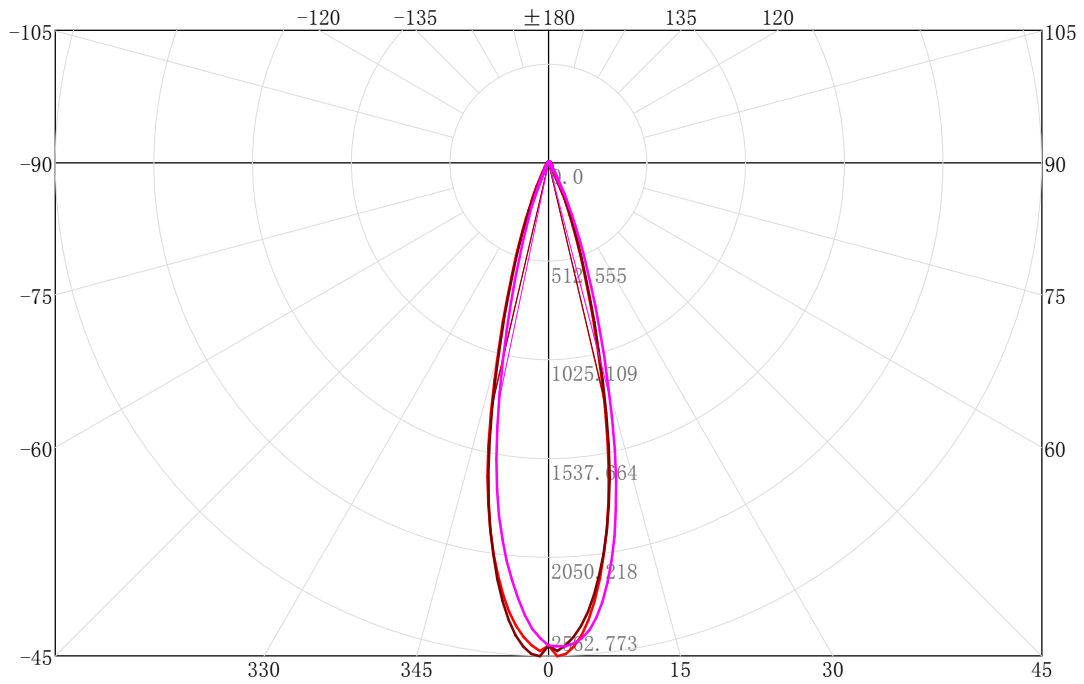
IES Indoor Report

Photometric Filename: AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/17

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C180.0_360.0:	26.4	45.9	
—	C0.0_180.0 :	26.4	45.9	
—	C90.0_270.0 :	26.5	45.9	

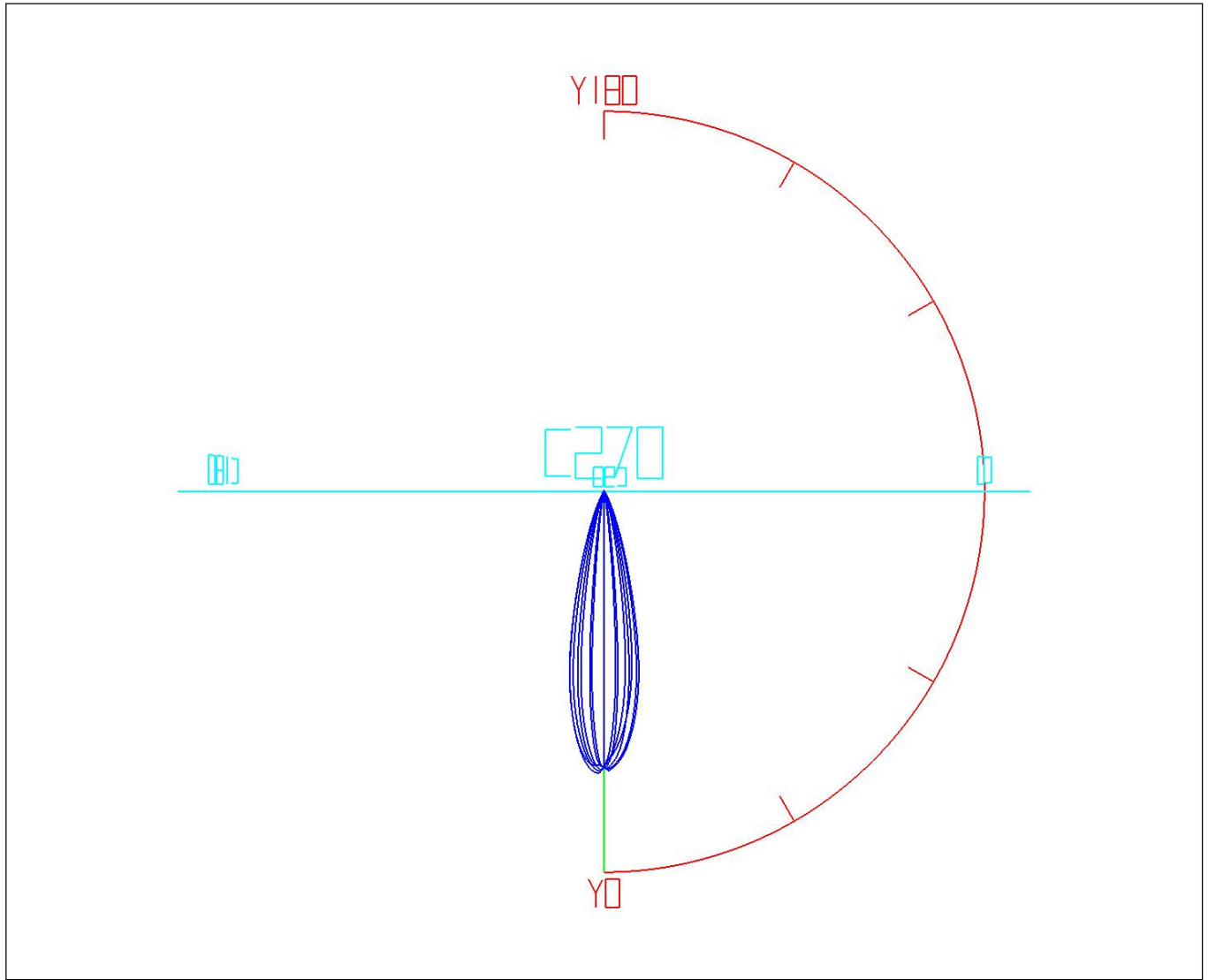
IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

3D Light Intensity Distribution Modal

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/17

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:AD12541 10W 1202C9 3090 ZHT35-15D 250.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	2.40	2.40	0.37	0.37	47.0-48.0	1.14	597.79	0.18	92.97
1.0-2.0	7.15	9.55	1.11	1.48	48.0-49.0	1.06	598.85	0.16	93.13
2.0-3.0	11.77	21.32	1.83	3.32	49.0-50.0	0.97	599.81	0.15	93.28
3.0-4.0	16.16	37.48	2.51	5.83	50.0-51.0	0.88	600.69	0.14	93.42
4.0-5.0	20.24	57.72	3.15	8.98	51.0-52.0	0.81	601.50	0.13	93.55
5.0-6.0	23.92	81.64	3.72	12.70	52.0-53.0	0.74	602.24	0.12	93.66
6.0-7.0	27.13	108.76	4.22	16.92	53.0-54.0	0.69	602.93	0.11	93.77
7.0-8.0	29.79	138.56	4.63	21.55	54.0-55.0	0.65	603.58	0.10	93.87
8.0-9.0	31.84	170.40	4.95	26.50	55.0-56.0	0.63	604.21	0.10	93.97
9.0-10.0	33.21	203.61	5.17	31.67	56.0-57.0	0.60	604.81	0.09	94.06
10.0-11.0	33.83	237.45	5.26	36.93	57.0-58.0	0.58	605.39	0.09	94.15
11.0-12.0	33.63	271.08	5.23	42.16	58.0-59.0	0.55	605.94	0.09	94.24
12.0-13.0	32.65	303.72	5.08	47.24	59.0-60.0	0.54	606.48	0.08	94.32
13.0-14.0	31.00	334.72	4.82	52.06	60.0-61.0	0.52	607.00	0.08	94.40
14.0-15.0	28.90	363.63	4.50	56.55	61.0-62.0	0.51	607.51	0.08	94.48
15.0-16.0	26.56	390.19	4.13	60.68	62.0-63.0	0.50	608.01	0.08	94.56
16.0-17.0	24.16	414.36	3.76	64.44	63.0-64.0	0.49	608.51	0.08	94.64
17.0-18.0	21.81	436.16	3.39	67.83	64.0-65.0	0.49	608.99	0.08	94.71
18.0-19.0	19.55	455.71	3.04	70.87	65.0-66.0	0.48	609.47	0.08	94.79
19.0-20.0	17.41	473.12	2.71	73.58	66.0-67.0	0.47	609.95	0.07	94.86
20.0-21.0	15.39	488.51	2.39	75.97	67.0-68.0	0.47	610.42	0.07	94.93
21.0-22.0	13.53	502.04	2.10	78.08	68.0-69.0	0.46	610.88	0.07	95.01
22.0-23.0	11.83	513.87	1.84	79.92	69.0-70.0	0.46	611.34	0.07	95.08
23.0-24.0	10.30	524.18	1.60	81.52	70.0-71.0	0.45	611.80	0.07	95.15
24.0-25.0	8.94	533.12	1.39	82.91	71.0-72.0	0.45	612.24	0.07	95.22
25.0-26.0	7.74	540.87	1.20	84.12	72.0-73.0	0.45	612.69	0.07	95.29
26.0-27.0	6.70	547.57	1.04	85.16	73.0-74.0	0.44	613.13	0.07	95.36
27.0-28.0	5.79	553.36	0.90	86.06	74.0-75.0	0.45	613.58	0.07	95.42
28.0-29.0	5.00	558.36	0.78	86.84	75.0-76.0	0.45	614.02	0.07	95.49
29.0-30.0	4.32	562.68	0.67	87.51	76.0-77.0	0.44	614.47	0.07	95.56
30.0-31.0	3.75	566.44	0.58	88.09	77.0-78.0	0.44	614.91	0.07	95.63
31.0-32.0	3.28	569.72	0.51	88.60	78.0-79.0	0.44	615.35	0.07	95.70
32.0-33.0	2.89	572.60	0.45	89.05	79.0-80.0	0.44	615.78	0.07	95.77
33.0-34.0	2.56	575.16	0.40	89.45	80.0-81.0	0.44	616.22	0.07	95.84
34.0-35.0	2.29	577.45	0.36	89.81	81.0-82.0	0.44	616.66	0.07	95.90
35.0-36.0	2.08	579.54	0.32	90.13	82.0-83.0	0.43	617.10	0.07	95.97
36.0-37.0	1.94	581.47	0.30	90.43	83.0-84.0	0.43	617.53	0.07	96.04
37.0-38.0	1.83	583.30	0.28	90.72	84.0-85.0	0.43	617.96	0.07	96.11
38.0-39.0	1.75	585.05	0.27	90.99	85.0-86.0	0.43	618.39	0.07	96.17
39.0-40.0	1.67	586.72	0.26	91.25	86.0-87.0	0.43	618.82	0.07	96.24
40.0-41.0	1.61	588.33	0.25	91.50	87.0-88.0	0.42	619.24	0.07	96.31
41.0-42.0	1.55	589.88	0.24	91.74	88.0-89.0	0.42	619.66	0.07	96.37
42.0-43.0	1.48	591.36	0.23	91.97	89.0-90.0	0.42	620.08	0.06	96.44
43.0-44.0	1.42	592.78	0.22	92.19	90.0-91.0	0.42	620.50	0.07	96.50
44.0-45.0	1.35	594.14	0.21	92.40	91.0-92.0	0.42	620.92	0.07	96.57
45.0-46.0	1.29	595.42	0.20	92.60	92.0-93.0	0.42	621.33	0.06	96.63
46.0-47.0	1.22	596.64	0.19	92.79	93.0-94.0	0.41	621.75	0.06	96.69

IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Zonal Flux Tabulation - (Cont.)

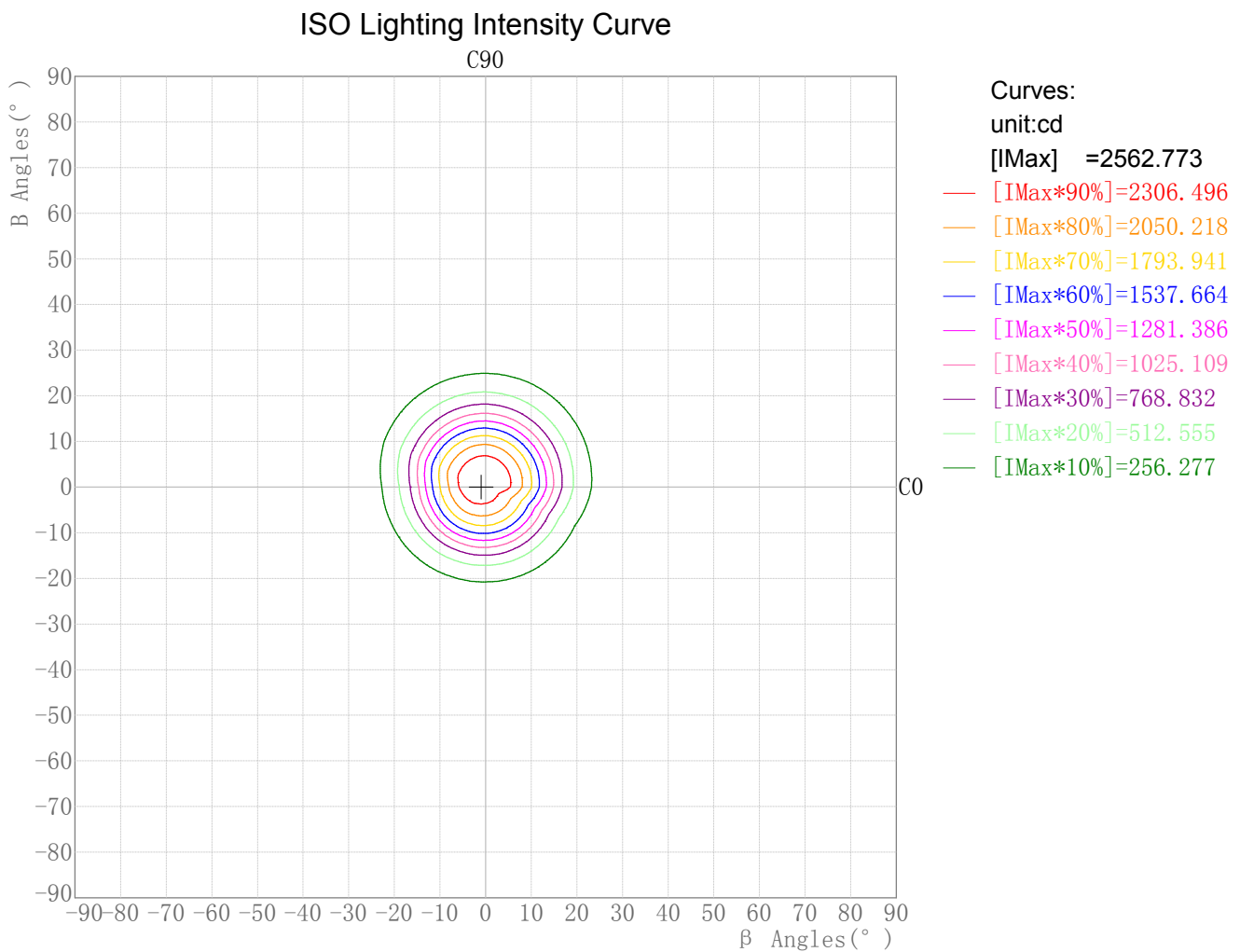
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.41	622.15	0.06	96.76	141.0-142.0	0.24	637.48	0.04	99.14
95.0-96.0	0.40	622.56	0.06	96.82	142.0-143.0	0.24	637.71	0.04	99.18
96.0-97.0	0.40	622.96	0.06	96.88	143.0-144.0	0.23	637.95	0.04	99.21
97.0-98.0	0.40	623.36	0.06	96.95	144.0-145.0	0.23	638.18	0.04	99.25
98.0-99.0	0.39	623.75	0.06	97.01	145.0-146.0	0.23	638.41	0.04	99.29
99.0-100.0	0.39	624.14	0.06	97.07	146.0-147.0	0.23	638.63	0.04	99.32
100.0-101.0	0.38	624.53	0.06	97.13	147.0-148.0	0.22	638.86	0.03	99.36
101.0-102.0	0.38	624.91	0.06	97.19	148.0-149.0	0.22	639.08	0.03	99.39
102.0-103.0	0.38	625.29	0.06	97.25	149.0-150.0	0.22	639.31	0.03	99.43
103.0-104.0	0.38	625.67	0.06	97.30	150.0-151.0	0.22	639.53	0.03	99.46
104.0-105.0	0.38	626.05	0.06	97.36	151.0-152.0	0.22	639.75	0.03	99.49
105.0-106.0	0.38	626.42	0.06	97.42	152.0-153.0	0.22	639.96	0.03	99.53
106.0-107.0	0.38	626.80	0.06	97.48	153.0-154.0	0.21	640.17	0.03	99.56
107.0-108.0	0.37	627.17	0.06	97.54	154.0-155.0	0.21	640.38	0.03	99.59
108.0-109.0	0.37	627.54	0.06	97.60	155.0-156.0	0.20	640.58	0.03	99.62
109.0-110.0	0.36	627.90	0.06	97.65	156.0-157.0	0.20	640.78	0.03	99.66
110.0-111.0	0.36	628.26	0.06	97.71	157.0-158.0	0.19	640.98	0.03	99.69
111.0-112.0	0.36	628.62	0.06	97.76	158.0-159.0	0.19	641.17	0.03	99.71
112.0-113.0	0.36	628.98	0.06	97.82	159.0-160.0	0.18	641.35	0.03	99.74
113.0-114.0	0.35	629.33	0.05	97.87	160.0-161.0	0.18	641.53	0.03	99.77
114.0-115.0	0.35	629.68	0.05	97.93	161.0-162.0	0.17	641.70	0.03	99.80
115.0-116.0	0.34	630.02	0.05	97.98	162.0-163.0	0.16	641.86	0.03	99.82
116.0-117.0	0.34	630.36	0.05	98.03	163.0-164.0	0.16	642.01	0.02	99.85
117.0-118.0	0.34	630.69	0.05	98.09	164.0-165.0	0.15	642.16	0.02	99.87
118.0-119.0	0.33	631.03	0.05	98.14	165.0-166.0	0.14	642.30	0.02	99.89
119.0-120.0	0.33	631.36	0.05	98.19	166.0-167.0	0.13	642.43	0.02	99.91
120.0-121.0	0.32	631.67	0.05	98.24	167.0-168.0	0.12	642.55	0.02	99.93
121.0-122.0	0.32	631.99	0.05	98.29	168.0-169.0	0.11	642.66	0.02	99.95
122.0-123.0	0.32	632.31	0.05	98.34	169.0-170.0	0.10	642.77	0.02	99.96
123.0-124.0	0.31	632.62	0.05	98.39	170.0-171.0	0.09	642.86	0.01	99.98
124.0-125.0	0.30	632.92	0.05	98.43	171.0-172.0	0.08	642.95	0.01	99.99
125.0-126.0	0.30	633.22	0.05	98.48	172.0-173.0	0.07	643.02	0.01	100.00
126.0-127.0	0.30	633.52	0.05	98.53	173.0-174.0	0.07	643.09	0.01	100.01
127.0-128.0	0.29	633.81	0.05	98.57	174.0-175.0	0.06	643.14	0.01	100.02
128.0-129.0	0.29	634.10	0.04	98.62	175.0-176.0	0.05	643.19	0.01	100.03
129.0-130.0	0.28	634.38	0.04	98.66	176.0-177.0	0.04	643.22	0.01	100.03
130.0-131.0	0.28	634.66	0.04	98.70	177.0-178.0	0.03	643.25	0.00	100.04
131.0-132.0	0.28	634.94	0.04	98.75	178.0-179.0	0.02	643.26	0.00	100.04
132.0-133.0	0.27	635.21	0.04	98.79	179.0-180.0	0.01	643.27	0.00	100.04
133.0-134.0	0.26	635.47	0.04	98.83					
134.0-135.0	0.26	635.73	0.04	98.87					
135.0-136.0	0.26	636.00	0.04	98.91					
136.0-137.0	0.26	636.25	0.04	98.95					
137.0-138.0	0.25	636.50	0.04	98.99					
138.0-139.0	0.25	636.75	0.04	99.03					
139.0-140.0	0.24	636.99	0.04	99.07					
140.0-141.0	0.24	637.23	0.04	99.10					

IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/17

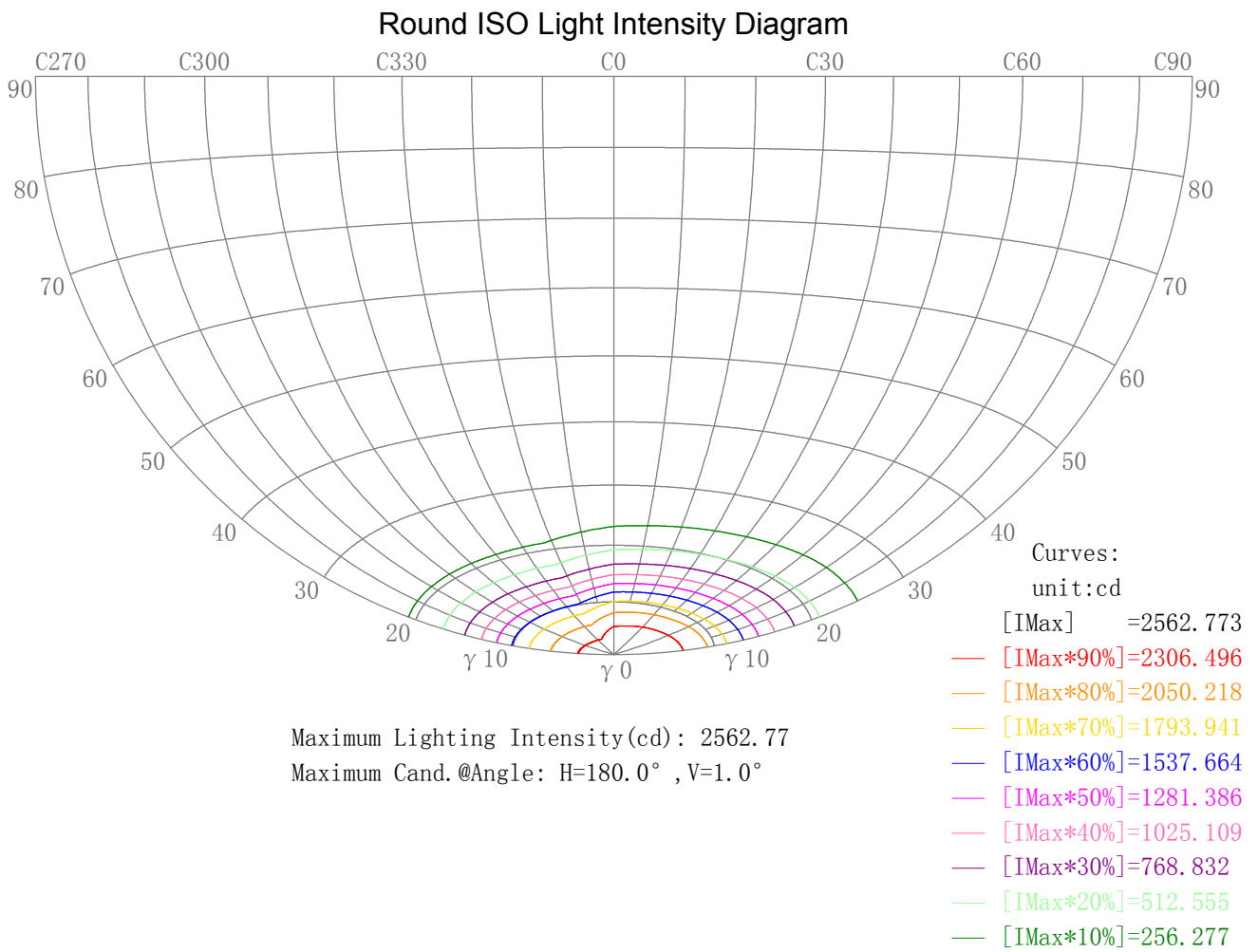


IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Round ISO Lighting Intensity Diagram

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/17



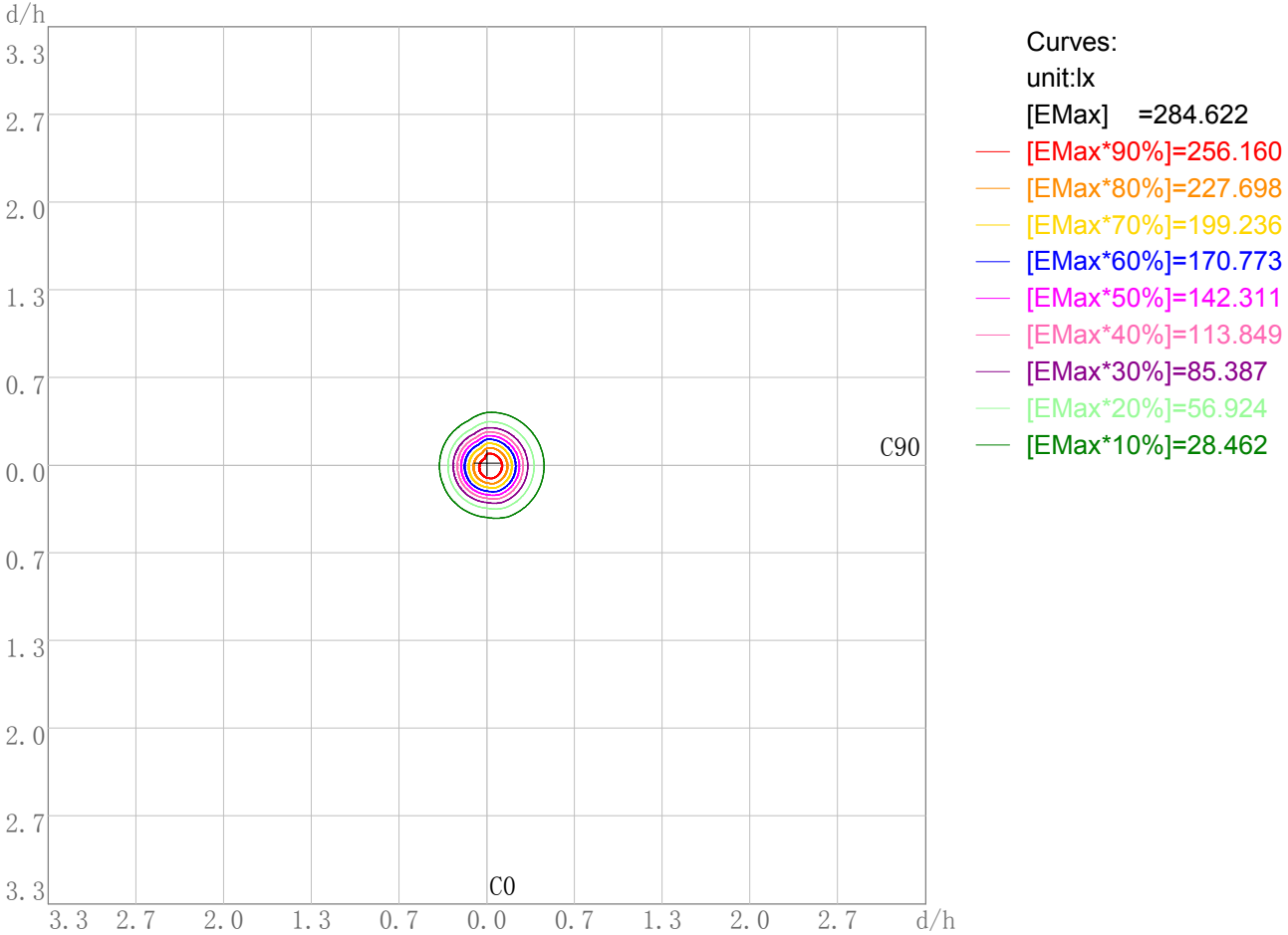
IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Plane ISO-Illuminance Diagram

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/17

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 284.62
 Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

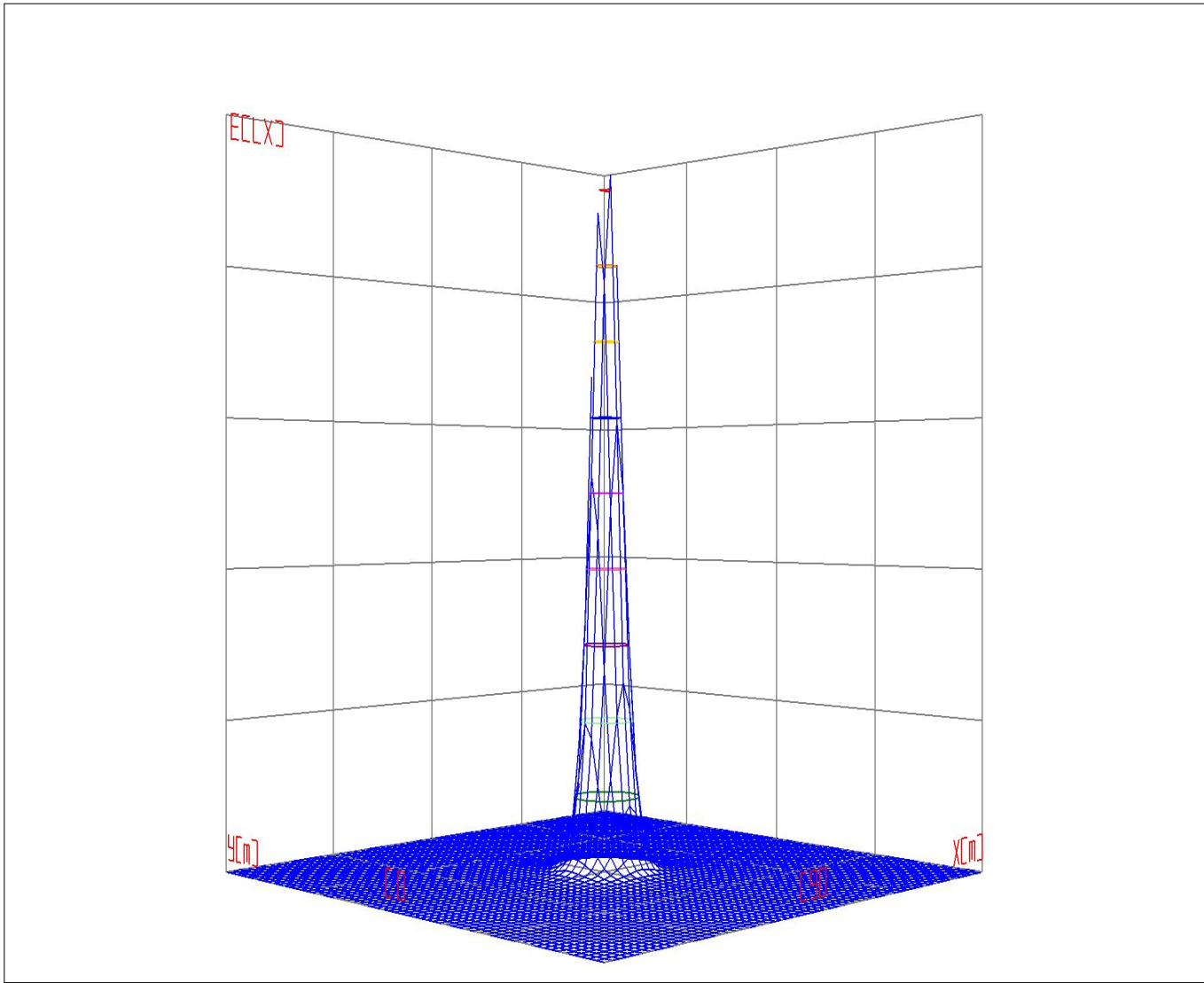
IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

3D Plane ISO Illuminance Diagram

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/17

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

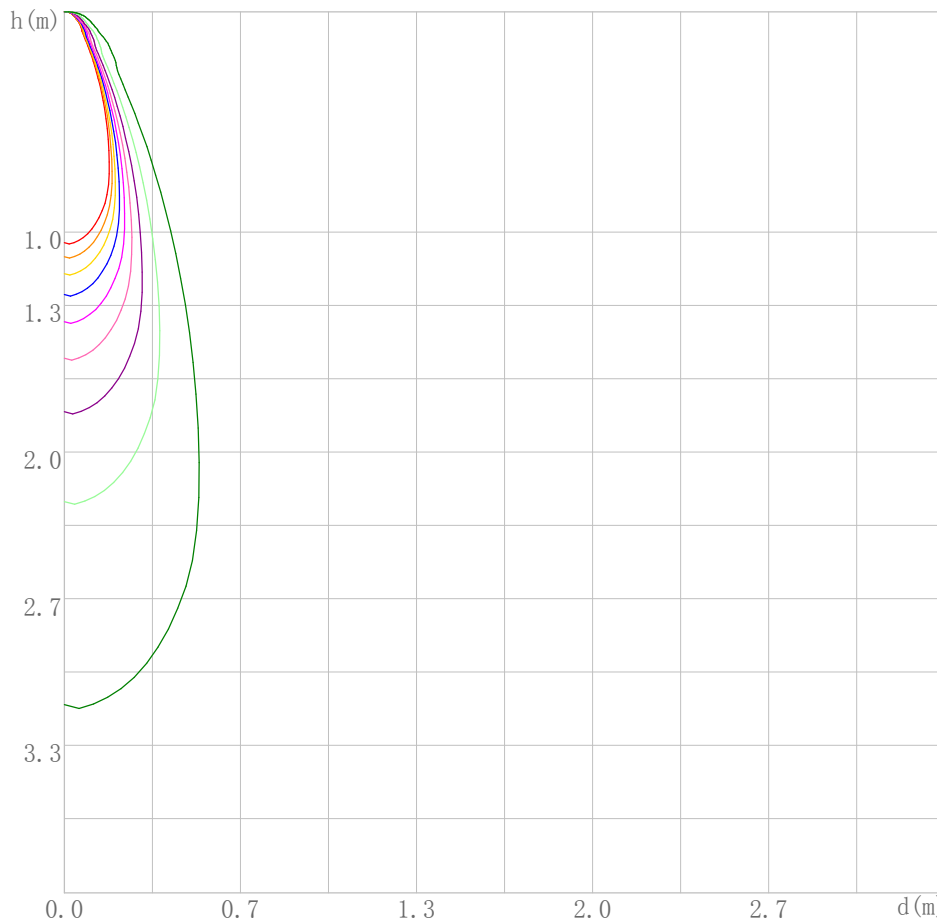
IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Space ISO Illuminance Diagram

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/17

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =2536.037

— [EMax*90%]=2282.433

— [EMax*80%]=2028.830

— [EMax*70%]=1775.226

— [EMax*60%]=1521.622

— [EMax*50%]=1268.018

— [EMax*40%]=1014.415

— [EMax*30%]=760.811

— [EMax*20%]=507.207

— [EMax*10%]=253.604

Space Plane Maximum Illuminance and @Angle:2536.04lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:2537.196cd,0deg

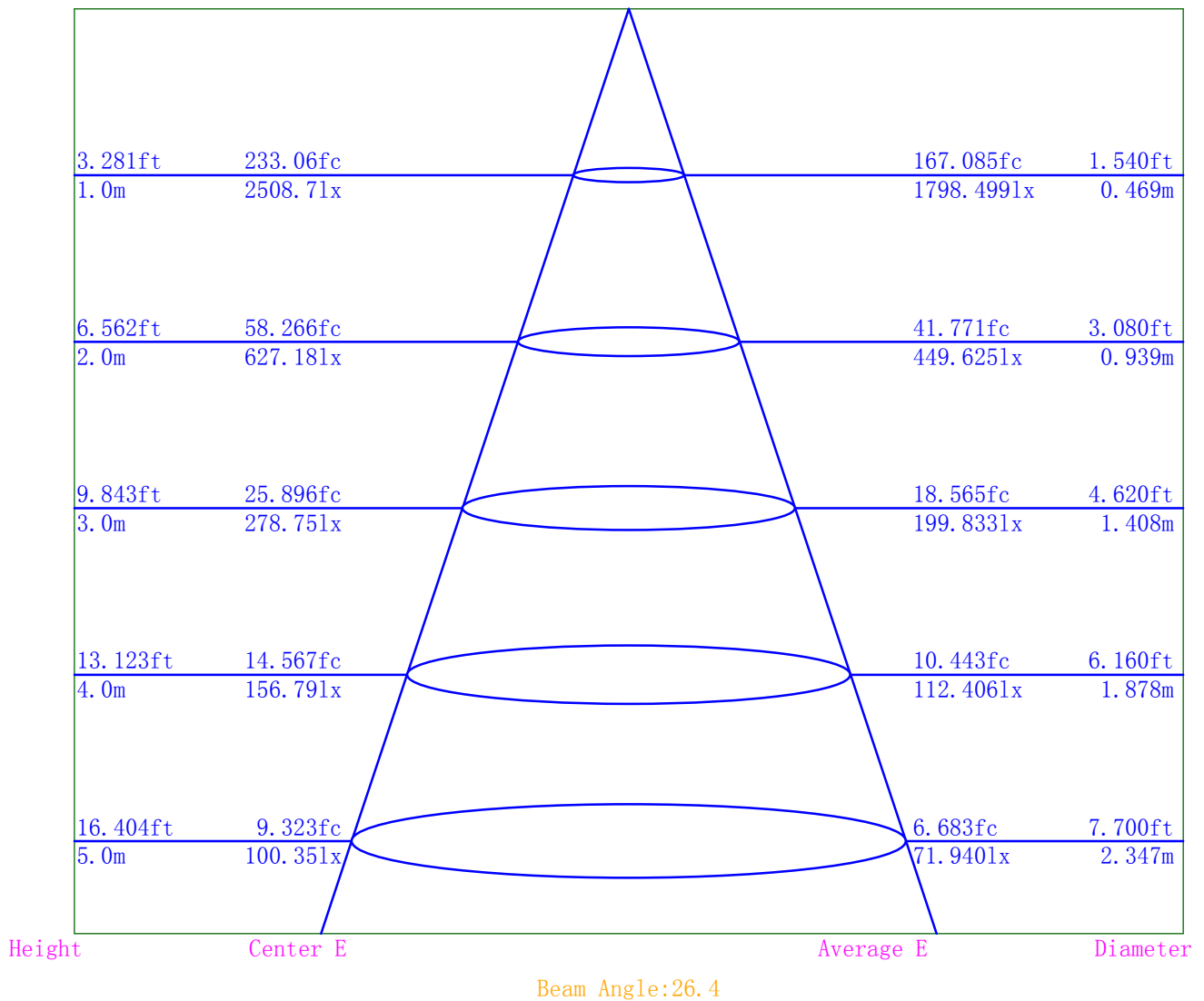
IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Illuminance-Distance Diagram

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/17

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Indoor Luminance Limiting Curves

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/17

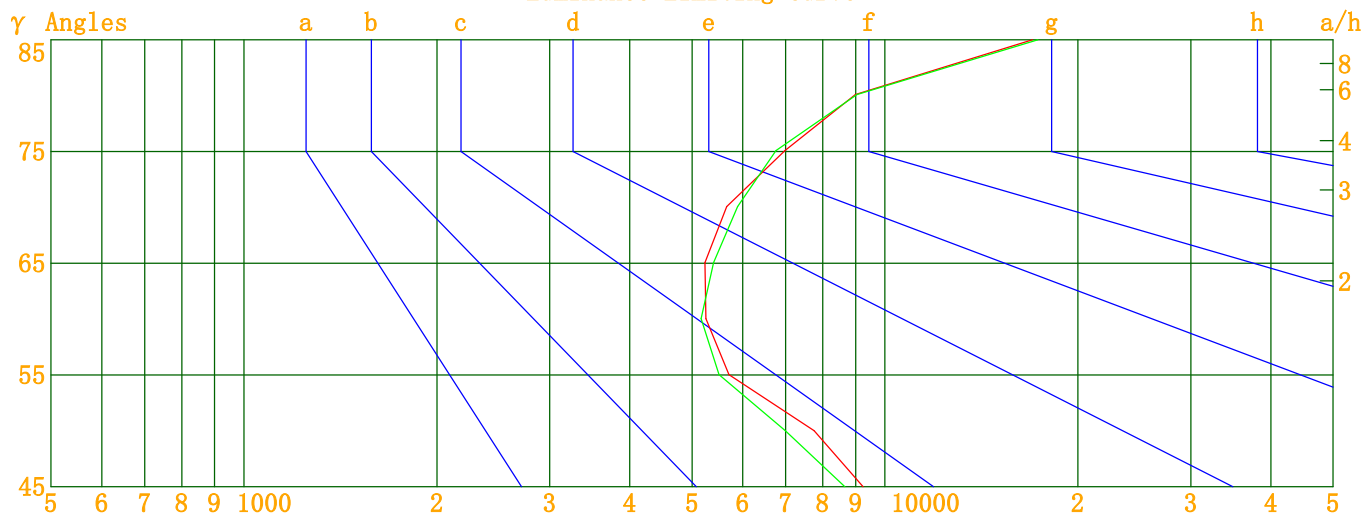
Glare Grade Table

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	9240	7752	5712	5255	5236	5662	6982	8989	16990
C90	8661	6989	5508	5167	5402	5893	6761	9041	17312

Luminance Limiting Curve



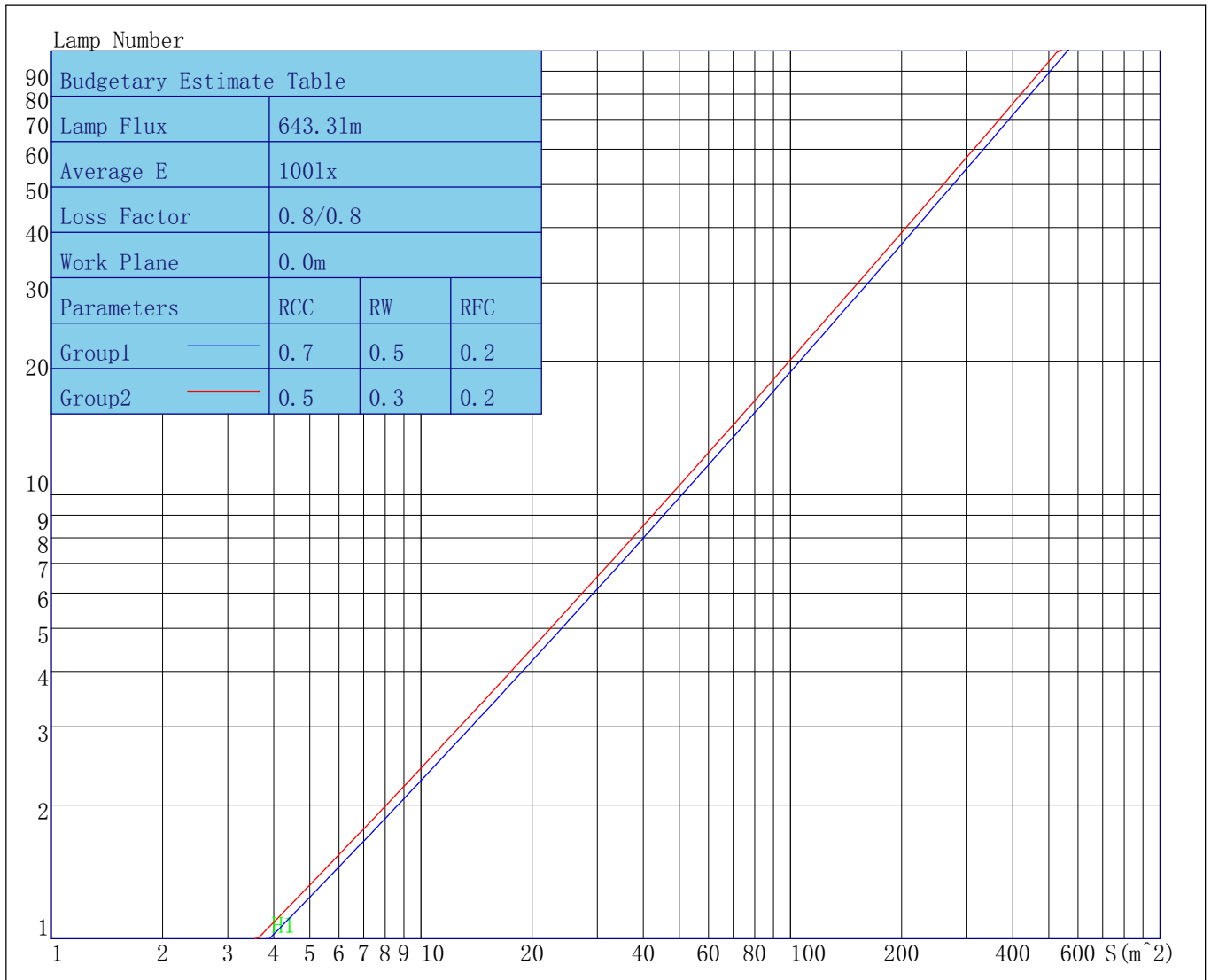
Luminous Size: Length(m)=-0.066 Width(m)=-0.066 Height(m)=0.000 Area(m^2)=0.003421
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename: AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Indoor Budgetary Estimate Table

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine: GON-2000	Test Date: 2023/07/17



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:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Indoor Coefficient of Utilization Table

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine:GON-2000	Test Date: 2023/07/17

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

IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Unified Glare Rating Table

Lum. Name: AW12541	Lum. Catalog: Down Light	Test ID:
Lamp Name: 1202C9	Lamp Catalog: COB	Test Lab: Test
Manufacture: -	Test Machine:GON-2000	Test Date: 2023/07/17

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	11.5	12.4	11.9	12.8	13.2	12.4	13.3	12.9	13.7	14.1
Y=3H	12.7	13.5	13.1	13.9	14.4	13.7	14.5	14.2	14.9	15.4
Y=4H	13.6	14.3	14.1	14.8	15.3	14.5	15.3	15.0	15.7	16.2
Y=6H	14.8	15.5	15.3	15.9	16.4	15.6	16.3	16.1	16.7	17.2
Y=8H	15.5	16.2	16.1	16.7	17.2	16.3	16.9	16.8	17.4	17.9
Y=12H	16.5	17.1	17.0	17.6	18.1	17.2	17.8	17.7	18.2	18.7
X=4H Y=2H	11.6	12.4	12.1	12.8	13.3	12.8	13.5	13.2	13.9	14.4
Y=3H	13.1	13.7	13.6	14.2	14.7	14.4	15.0	14.8	15.5	16.0
Y=4H	14.2	14.8	14.7	15.2	15.8	15.5	16.0	16.0	16.5	17.0
Y=6H	15.7	16.2	16.2	16.7	17.2	16.8	17.3	17.3	17.8	18.4
Y=8H	16.6	17.0	17.1	17.6	18.1	17.6	18.1	18.2	18.6	19.1
Y=12H	17.7	18.1	18.3	18.7	19.2	18.6	19.0	19.2	19.6	20.1
X=8H Y=4H	14.5	15.0	15.1	15.5	16.1	15.9	16.4	16.5	16.9	17.4
Y=6H	16.3	16.7	16.9	17.2	17.8	17.6	17.9	18.1	18.5	19.1
Y=8H	17.4	17.7	18.0	18.3	18.9	18.6	18.9	19.2	19.5	20.1
Y=12H	18.8	19.1	19.4	19.6	20.3	19.9	20.1	20.5	20.7	21.4
X=12H Y=4H	14.6	15.0	15.2	15.6	16.1	16.0	16.4	16.6	17.0	17.5
Y=6H	16.5	16.8	17.1	17.3	18.0	17.8	18.1	18.4	18.6	19.3
Y=8H	17.7	18.0	18.3	18.5	19.2	19.0	19.2	19.5	19.8	20.5
Variations with the objverer position at spacings										
S=1.0H	0.0/-0.1					0.1/-0.1				
S=1.5H	0.1/-0.2					0.1/-0.1				
S=2.0H	0.2/-0.4					0.1/-0.2				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	4.5					4.6				

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

IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.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	2508.71	2508.71	2508.71	2508.71	2508.71	2508.71	2508.71	2508.71	2508.71	2508.71	2508.71	2508.71
γ 1.0	2537.20	2529.33	2523.20	2516.83	2511.98	2507.17	2499.38	2491.91	2562.77	2538.47	2518.29	2491.36
γ 2.0	2507.79	2507.61	2508.29	2510.15	2512.40	2513.51	2509.77	2502.31	2551.98	2514.64	2486.04	2449.25
γ 3.0	2466.95	2476.06	2483.93	2492.01	2500.40	2506.08	2506.75	2494.80	2516.65	2466.73	2429.80	2385.19
γ 4.0	2412.37	2431.39	2447.08	2462.67	2474.99	2482.29	2482.76	2468.13	2459.84	2398.21	2354.14	2304.40
γ 5.0	2341.56	2370.78	2394.42	2418.53	2435.05	2440.50	2436.11	2419.34	2382.72	2313.56	2266.01	2213.16
γ 6.0	2255.92	2293.20	2322.81	2355.10	2376.47	2379.01	2370.62	2352.66	2287.97	2216.77	2169.45	2114.61
γ 7.0	2158.87	2201.20	2232.21	2269.43	2298.53	2298.19	2286.91	2267.49	2179.80	2108.35	2063.34	2006.65
γ 8.0	2051.11	2096.64	2127.54	2167.09	2201.27	2202.84	2188.05	2165.22	2059.17	1990.17	1944.12	1885.89
γ 9.0	1930.22	1979.00	2010.94	2053.76	2090.40	2095.18	2078.15	2050.72	1930.08	1860.96	1811.81	1751.33
γ 10.0	1804.89	1848.84	1885.40	1930.56	1968.44	1974.55	1958.04	1927.77	1790.81	1718.35	1663.67	1600.27
γ 11.0	1664.21	1705.63	1745.21	1794.22	1833.60	1841.04	1825.13	1792.69	1638.79	1559.83	1502.40	1434.32
γ 12.0	1502.96	1549.24	1590.51	1644.55	1686.31	1694.09	1679.39	1645.36	1474.85	1389.53	1329.78	1260.95
γ 13.0	1332.45	1384.31	1425.74	1484.48	1527.54	1534.75	1522.58	1485.31	1301.07	1215.47	1154.62	1090.05
γ 14.0	1163.11	1217.69	1259.66	1318.53	1361.13	1368.64	1357.22	1318.58	1129.22	1048.06	989.70	930.69
γ 15.0	1004.76	1059.45	1102.76	1158.48	1198.22	1204.88	1193.11	1156.68	972.63	895.71	840.66	786.11
γ 16.0	860.32	916.66	957.00	1011.01	1047.21	1051.55	1040.44	1003.62	830.96	758.99	706.83	657.83
γ 17.0	734.48	788.42	828.27	877.80	910.74	913.93	902.17	866.97	706.58	639.91	591.63	547.15
γ 18.0	625.75	675.23	713.42	759.29	788.70	791.74	778.54	744.10	598.57	537.93	492.24	453.49
γ 19.0	529.84	577.38	612.72	654.23	680.68	682.43	669.00	636.20	505.40	450.01	408.57	374.39
γ 20.0	446.69	490.98	524.02	561.02	584.70	585.85	572.03	540.81	423.52	374.68	336.79	307.98
γ 21.0	375.58	415.72	445.37	478.59	499.55	500.00	486.23	457.69	353.93	310.20	276.68	253.22
γ 22.0	314.56	350.03	376.37	406.00	424.46	424.37	410.48	384.90	294.18	255.60	227.71	208.25
γ 23.0	264.69	293.96	317.02	343.04	358.37	357.63	344.56	321.69	243.22	210.46	186.91	171.58
γ 24.0	222.72	246.97	265.68	288.56	301.49	299.73	288.19	267.68	200.80	172.88	153.86	141.46
γ 25.0	187.30	207.41	222.72	242.01	252.53	250.38	239.99	222.64	165.01	141.82	126.64	116.67
γ 26.0	158.34	174.70	187.00	203.54	211.64	209.13	199.83	185.71	135.47	115.98	103.26	95.93
γ 27.0	134.55	147.84	158.04	171.92	177.93	174.80	166.83	154.00	110.49	94.55	84.70	79.06
γ 28.0	114.09	124.94	133.84	144.90	149.19	146.05	138.72	127.24	89.78	77.00	69.86	65.56
γ 29.0	96.86	105.68	112.64	121.55	125.09	121.45	114.49	104.52	72.88	63.34	58.02	54.84
γ 30.0	82.94	90.00	95.29	102.07	104.63	100.51	94.41	85.80	59.76	52.25	49.27	46.40
γ 31.0	71.48	77.11	81.16	86.44	88.01	83.88	78.33	70.69	49.30	43.37	41.39	39.82
γ 32.0	62.05	66.89	70.00	74.14	74.67	70.10	65.22	58.85	40.87	36.65	35.21	34.15
γ 33.0	54.19	58.24	61.03	64.03	63.69	58.76	54.38	49.45	34.56	31.22	30.23	29.83
γ 34.0	48.06	51.07	53.22	55.72	54.35	49.49	45.71	42.06	29.62	27.14	26.45	26.58
γ 35.0	42.64	45.25	46.74	48.41	46.42	41.65	38.82	36.07	26.11	24.52	23.87	24.05
γ 36.0	38.35	40.61	41.36	42.19	40.09	35.83	33.55	31.88	24.35	22.81	22.42	22.17
γ 37.0	35.44	36.81	37.43	37.40	35.29	31.78	30.35	29.56	22.91	21.49	20.93	20.85
γ 38.0	33.44	34.43	34.28	34.00	32.08	29.08	28.53	27.85	21.66	20.37	19.75	19.72
γ 39.0	31.77	32.33	31.80	31.37	29.21	27.53	27.01	26.17	20.34	19.24	18.34	18.58
γ 40.0	30.29	30.16	29.47	28.99	27.47	25.78	25.58	25.15	18.97	18.12	17.39	17.46
γ 41.0	28.86	28.39	27.57	26.91	26.18	24.57	24.27	23.78	17.67	16.98	16.75	16.72
γ 42.0	27.05	26.85	25.74	25.27	24.38	23.48	23.07	22.59	16.68	15.86	15.77	16.04
γ 43.0	25.65	25.08	24.16	23.80	22.78	22.14	21.87	21.51	15.57	14.97	15.09	14.90
γ 44.0	23.92	23.65	22.86	22.60	21.91	21.20	20.63	20.59	14.42	13.65	13.64	13.83
γ 45.0	22.35	22.27	21.49	21.69	20.95	19.68	19.58	19.49	13.21	12.41	12.60	12.77
γ 46.0	21.12	21.20	20.51	20.62	20.14	18.75	18.66	18.22	12.01	11.19	11.09	11.44

IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.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	20.22	20.05	20.03	19.65	18.93	17.73	17.39	17.39	10.70	9.81	9.58	10.10
γ 48.0	19.27	18.93	18.67	18.73	17.84	16.44	16.35	16.00	8.91	8.45	8.38	8.75
γ 49.0	18.36	17.95	17.51	17.47	16.73	15.34	15.24	14.65	7.57	7.05	6.90	7.37
γ 50.0	17.05	16.75	16.16	16.10	15.37	14.29	14.01	13.22	6.07	5.75	5.40	5.87
γ 51.0	15.73	15.36	14.98	14.88	14.35	13.72	12.92	12.08	5.63	4.93	4.85	4.97
γ 52.0	14.46	14.24	13.80	13.69	13.37	12.12	12.00	11.62	4.87	4.54	4.25	4.52
γ 53.0	13.31	13.29	13.05	12.45	12.08	11.08	11.31	10.96	4.31	3.98	3.92	4.05
γ 54.0	12.06	12.11	11.55	11.48	11.25	10.67	10.77	10.54	4.10	3.59	3.68	3.68
γ 55.0	11.21	11.05	10.89	10.85	10.81	10.59	10.57	10.45	3.75	3.41	3.49	3.47
γ 56.0	10.61	10.77	10.49	10.49	10.12	10.17	10.13	9.76	3.38	3.09	3.20	3.36
γ 57.0	10.41	10.36	10.02	10.17	10.28	9.47	9.63	9.46	3.21	2.62	2.81	3.07
γ 58.0	9.89	9.71	9.89	9.85	9.52	9.16	9.14	9.06	2.80	2.62	2.41	2.67
γ 59.0	9.21	9.29	9.40	9.12	9.20	8.87	8.90	8.81	2.71	2.40	2.77	2.46
γ 60.0	8.99	8.83	8.99	8.80	8.84	8.60	8.71	8.63	2.38	2.38	2.45	2.45
γ 61.0	8.65	8.53	8.41	8.73	8.65	8.43	8.31	8.35	2.26	2.48	2.60	2.39
γ 62.0	8.33	8.42	8.29	8.46	8.43	8.19	8.20	7.80	2.49	2.22	2.37	2.11
γ 63.0	7.89	8.35	8.14	8.12	8.18	8.09	8.02	7.83	1.93	2.02	2.06	1.99
γ 64.0	7.84	8.10	7.81	7.91	7.99	7.61	7.92	7.50	2.22	2.15	2.05	2.03
γ 65.0	7.57	7.94	7.65	7.82	7.81	7.71	7.67	7.34	2.02	2.25	2.28	2.02
γ 66.0	7.57	7.66	7.58	7.70	7.60	7.55	7.40	7.14	2.39	2.25	2.22	2.02
γ 67.0	7.35	7.23	7.11	7.51	7.26	7.19	7.20	6.89	2.34	2.19	2.16	2.15
γ 68.0	7.06	7.14	7.07	7.29	7.32	6.97	6.97	6.79	2.23	2.23	2.18	2.15
γ 69.0	6.72	6.90	7.01	7.19	7.11	6.78	7.07	6.54	2.29	2.23	2.26	2.13
γ 70.0	6.63	6.77	6.45	7.05	6.90	7.00	6.92	6.48	2.00	2.15	2.20	2.26
γ 71.0	6.70	6.79	6.37	6.80	6.57	6.45	6.72	6.35	2.08	2.07	2.39	2.28
γ 72.0	6.37	6.57	6.48	6.48	6.46	6.41	6.64	6.58	1.95	1.99	2.35	2.30
γ 73.0	6.21	6.32	6.22	6.35	6.15	6.36	6.60	6.32	2.28	2.23	2.16	2.33
γ 74.0	6.13	6.24	5.93	6.45	6.11	6.43	6.50	6.03	2.17	2.25	2.19	2.35
γ 75.0	6.18	6.10	6.16	6.36	5.99	6.34	6.33	6.08	2.27	2.32	2.36	2.34
γ 76.0	6.01	5.74	6.04	6.30	5.86	6.24	6.08	5.67	2.39	2.43	2.66	2.30
γ 77.0	6.03	5.88	5.84	6.00	5.71	6.06	5.90	5.74	2.33	2.76	2.68	2.53
γ 78.0	5.52	6.01	5.74	5.88	5.54	5.93	5.84	5.71	2.20	2.66	2.44	2.54
γ 79.0	5.49	5.82	5.75	5.81	5.41	5.89	5.59	5.59	2.40	2.43	2.53	2.62
γ 80.0	5.34	5.80	5.54	5.66	5.37	5.35	5.53	5.50	2.20	2.63	2.91	2.74
γ 81.0	5.30	5.75	5.50	5.65	5.40	5.50	5.60	5.27	2.69	2.73	3.10	2.74
γ 82.0	5.19	5.58	5.54	5.67	5.31	5.57	5.47	5.33	2.67	2.73	2.76	2.76
γ 83.0	5.01	5.49	5.30	5.53	5.31	5.22	5.36	5.03	2.44	2.81	2.88	2.86
γ 84.0	5.16	5.53	5.01	5.38	5.39	5.11	5.17	4.99	2.79	2.82	3.19	2.89
γ 85.0	5.07	5.35	5.02	5.29	5.16	5.01	4.93	5.10	2.70	2.96	2.98	2.78
γ 86.0	4.99	5.02	5.25	5.31	4.75	4.71	4.84	4.83	2.70	3.04	3.16	2.79
γ 87.0	4.87	5.11	4.98	5.17	4.84	4.85	4.72	4.68	2.80	3.00	3.13	2.93
γ 88.0	4.68	5.08	4.90	4.97	4.62	4.72	4.47	4.58	2.91	2.90	3.35	2.91
γ 89.0	4.45	4.91	4.93	4.82	4.63	4.56	4.55	4.44	3.15	2.89	3.10	2.94
γ 90.0	4.66	4.68	4.61	4.66	4.57	4.35	5.29	4.31	3.14	3.06	3.02	3.04
γ 91.0	4.60	4.77	4.94	4.77	4.71	4.34	5.17	4.45	3.13	3.01	2.95	2.99
γ 92.0	4.57	4.81	4.65	4.73	4.78	4.49	4.63	4.42	2.97	2.91	3.04	2.87
γ 93.0	4.49	4.60	4.69	4.62	4.50	4.39	4.57	4.24	2.99	2.92	3.31	2.84

IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.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	4.28	4.57	4.45	4.53	4.64	4.28	4.35	4.31	3.04	2.98	3.24	3.06
γ 95.0	4.47	4.48	4.75	4.51	4.45	4.25	4.16	4.23	2.85	3.05	3.22	3.07
γ 96.0	4.43	4.42	4.65	4.44	4.22	4.13	4.01	4.32	3.17	3.16	2.99	2.97
γ 97.0	4.52	4.33	4.49	4.38	4.44	4.04	4.16	4.36	3.05	3.15	3.09	2.99
γ 98.0	4.26	4.39	4.62	4.38	4.15	4.09	4.34	4.11	3.10	3.15	2.90	3.03
γ 99.0	4.20	4.18	4.47	4.49	4.11	3.89	4.22	4.07	3.03	3.19	3.03	2.93
γ 100.0	4.11	4.19	4.53	4.31	4.14	4.04	3.95	4.00	3.27	3.13	3.11	2.91
γ 101.0	4.13	4.12	4.47	4.19	3.87	3.90	3.92	3.99	3.12	3.12	3.15	3.09
γ 102.0	3.97	4.15	4.53	4.14	4.27	4.14	4.10	4.09	2.75	3.05	2.92	3.05
γ 103.0	3.71	4.09	4.29	4.15	4.23	3.78	4.13	3.95	3.15	3.16	2.81	3.02
γ 104.0	3.80	4.16	3.96	4.13	4.09	3.85	4.20	3.66	3.29	3.27	3.00	3.21
γ 105.0	3.70	4.07	4.18	4.03	4.00	3.60	4.31	3.61	3.28	3.23	3.07	3.30
γ 106.0	4.05	4.22	4.30	3.91	3.90	3.78	4.11	3.92	3.46	3.33	2.93	3.21
γ 107.0	4.13	4.10	4.12	3.87	4.06	3.79	3.94	4.20	3.42	3.52	2.90	3.18
γ 108.0	3.82	4.07	3.91	3.98	3.87	3.94	3.72	4.13	3.32	3.50	2.81	3.32
γ 109.0	4.00	4.21	3.87	4.10	3.93	3.78	3.52	3.78	3.27	3.31	3.04	3.10
γ 110.0	3.92	3.99	4.25	4.01	3.73	3.85	3.53	3.65	3.44	3.38	3.03	3.16
γ 111.0	3.97	4.03	3.96	3.85	3.81	3.49	3.67	3.80	3.20	3.31	3.29	3.41
γ 112.0	3.98	3.91	3.94	3.93	3.65	3.50	3.74	3.79	3.14	3.22	3.22	3.31
γ 113.0	3.86	3.93	3.95	4.05	3.63	3.67	3.53	3.79	3.27	3.43	3.22	3.31
γ 114.0	3.90	3.90	3.63	4.07	3.53	3.70	3.55	3.88	3.05	3.38	3.39	3.30
γ 115.0	4.03	3.94	3.80	4.19	3.46	3.29	3.55	3.76	3.19	3.32	3.04	3.24
γ 116.0	3.93	3.83	3.82	4.14	3.56	3.46	3.49	3.84	3.30	3.37	3.34	3.12
γ 117.0	3.72	3.72	3.35	3.97	3.59	3.45	3.65	3.67	3.39	3.21	3.40	3.23
γ 118.0	3.79	3.88	3.77	3.88	3.44	3.59	3.73	3.72	3.41	3.20	3.30	3.29
γ 119.0	3.75	3.90	3.53	3.84	3.64	3.50	3.65	3.54	3.46	3.23	3.18	3.21
γ 120.0	3.77	3.91	3.69	3.77	3.33	3.42	3.63	3.51	3.13	3.10	3.20	3.24
γ 121.0	3.78	3.78	3.80	3.93	3.14	3.23	3.65	3.51	3.24	3.14	3.17	3.22
γ 122.0	3.96	3.80	4.09	3.82	3.28	3.30	3.63	3.65	3.50	3.18	3.23	3.17
γ 123.0	3.86	3.90	3.66	3.67	3.48	3.41	3.57	3.49	3.44	3.14	3.24	3.48
γ 124.0	3.62	3.87	3.37	3.89	3.33	3.34	3.48	3.47	3.49	3.26	3.03	3.48
γ 125.0	3.59	3.81	3.50	3.68	3.32	3.36	3.53	3.22	3.31	3.49	3.29	3.18
γ 126.0	3.61	3.74	3.52	3.72	3.48	3.19	3.59	3.54	3.44	3.54	3.29	3.14
γ 127.0	3.79	3.64	3.40	3.94	3.53	3.06	3.59	3.56	3.50	3.18	3.46	3.12
γ 128.0	3.94	3.63	3.71	3.76	3.30	3.18	3.43	3.42	3.49	3.27	3.17	3.16
γ 129.0	3.54	3.46	3.29	3.47	3.43	3.35	3.50	3.47	3.31	3.20	3.33	3.11
γ 130.0	3.72	3.63	3.76	3.48	3.13	3.27	3.55	3.45	3.27	3.25	3.41	3.11
γ 131.0	3.45	3.72	3.60	3.55	3.37	3.30	3.47	3.60	3.41	3.38	3.02	3.37
γ 132.0	3.54	3.59	3.56	3.54	3.27	3.34	3.52	3.44	3.40	3.32	3.30	3.54
γ 133.0	3.72	3.55	3.47	3.53	3.39	3.12	3.40	3.26	3.33	3.48	3.20	3.26
γ 134.0	3.53	3.40	3.32	3.57	3.47	3.06	3.41	3.27	3.56	3.37	3.17	3.15
γ 135.0	3.63	3.48	3.69	3.52	3.38	3.28	3.55	3.43	3.13	3.30	3.23	3.17
γ 136.0	3.35	3.56	3.88	3.74	3.48	3.32	3.57	3.48	3.57	3.36	3.54	3.19
γ 137.0	3.45	3.51	3.87	3.70	3.43	3.33	3.28	3.19	3.42	3.22	3.52	3.15
γ 138.0	3.50	3.69	3.76	3.47	3.23	3.17	3.32	3.44	3.22	3.41	3.30	3.33
γ 139.0	3.61	3.61	3.60	3.59	3.41	3.47	3.62	3.57	3.20	3.55	3.10	3.34
γ 140.0	3.68	3.65	3.47	3.71	3.50	2.97	3.64	3.43	3.31	3.64	3.25	3.46

IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.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	3.89	3.70	3.62	3.60	3.51	3.13	3.61	3.45	3.36	3.59	3.29	3.60
γ 142. 0	3.81	3.80	3.59	3.71	3.32	2.93	3.84	3.46	3.55	3.55	3.32	3.59
γ 143. 0	3.66	3.86	3.67	3.51	3.38	3.23	3.84	3.55	3.67	3.45	3.43	3.48
γ 144. 0	3.41	3.91	3.62	3.56	3.64	3.46	3.76	3.68	3.73	3.59	3.51	3.62
γ 145. 0	3.46	3.96	3.53	3.72	3.67	3.24	3.96	3.69	4.13	3.76	3.35	3.69
γ 146. 0	3.66	3.82	3.66	3.63	3.88	3.44	3.88	3.84	3.92	3.96	3.50	3.52
γ 147. 0	3.87	3.99	3.90	3.78	3.84	3.53	3.78	3.83	3.84	3.99	3.51	3.54
γ 148. 0	3.87	4.02	3.78	4.02	3.64	3.54	4.10	3.65	4.08	4.03	3.87	3.67
γ 149. 0	4.07	4.24	3.98	4.20	3.93	3.70	4.38	3.86	4.03	4.10	3.96	3.80
γ 150. 0	4.25	4.16	4.30	4.25	4.31	3.62	4.37	3.73	3.76	4.17	3.98	3.99
γ 151. 0	4.13	4.16	4.40	4.32	4.33	3.89	4.30	4.09	4.09	4.35	4.00	4.27
γ 152. 0	4.13	4.28	4.39	4.23	4.38	3.86	4.33	3.90	4.22	4.29	3.90	4.39
γ 153. 0	4.29	4.36	4.63	4.11	4.21	4.14	4.44	4.03	4.22	4.45	4.03	4.19
γ 154. 0	4.42	4.44	4.62	4.20	4.58	4.17	4.41	4.14	4.35	4.31	3.92	4.23
γ 155. 0	4.28	4.45	4.19	4.49	4.38	4.24	4.46	4.26	4.40	4.54	4.16	4.22
γ 156. 0	4.49	4.66	4.64	4.53	4.45	4.16	4.64	4.49	4.36	4.66	4.65	4.32
γ 157. 0	4.48	4.80	4.68	4.67	4.50	4.18	4.83	4.66	4.35	4.54	4.69	4.57
γ 158. 0	4.70	4.66	4.74	4.69	4.54	4.11	4.82	4.64	4.49	4.77	4.76	4.66
γ 159. 0	4.86	4.80	4.65	4.71	4.72	4.28	4.70	4.62	4.67	4.84	4.68	4.70
γ 160. 0	4.91	4.87	4.66	4.84	4.85	4.45	4.80	4.69	4.80	4.97	4.76	4.85
γ 161. 0	5.22	4.78	5.02	5.00	4.70	4.40	5.14	4.76	4.81	5.03	4.55	4.88
γ 162. 0	5.10	4.80	4.92	5.01	4.92	4.40	5.22	4.61	5.00	5.43	4.93	4.92
γ 163. 0	5.06	4.94	5.35	5.05	5.16	4.70	5.13	4.60	5.05	5.28	4.84	4.96
γ 164. 0	4.93	4.95	5.43	5.01	5.16	4.89	5.21	4.88	4.94	5.46	4.77	5.00
γ 165. 0	5.22	4.84	5.27	5.00	5.44	4.70	5.27	4.82	5.09	5.38	4.80	5.00
γ 166. 0	5.01	5.08	5.42	5.22	5.47	4.84	5.37	4.91	4.93	5.07	4.85	5.11
γ 167. 0	4.97	4.97	5.39	5.26	5.43	4.88	5.30	5.11	5.08	4.95	5.03	5.12
γ 168. 0	5.13	4.91	5.47	5.24	5.28	4.71	5.14	4.87	5.23	5.02	4.95	5.14
γ 169. 0	5.00	5.15	5.20	5.29	5.26	4.77	5.27	5.06	4.87	5.13	5.09	5.04
γ 170. 0	5.11	5.39	5.51	5.32	5.11	4.80	5.54	4.91	5.22	5.13	5.17	5.04
γ 171. 0	5.54	5.41	5.04	5.36	4.88	4.83	5.64	5.11	5.19	5.33	5.26	5.16
γ 172. 0	5.26	5.30	5.14	5.36	5.06	4.99	5.46	5.13	5.26	5.47	5.03	5.10
γ 173. 0	5.53	5.45	5.32	5.24	5.24	4.82	5.31	5.23	5.18	5.47	5.30	5.04
γ 174. 0	5.41	5.53	5.26	5.31	5.31	4.87	5.52	5.50	5.28	5.63	4.98	5.14
γ 175. 0	5.22	5.52	5.25	5.40	5.14	5.08	5.61	4.94	5.47	5.46	5.22	5.21
γ 176. 0	5.39	5.53	5.25	5.39	5.37	5.28	5.39	4.88	5.39	5.27	4.98	5.13
γ 177. 0	5.40	5.30	5.16	5.27	5.32	5.37	5.31	5.02	5.39	5.39	5.35	5.06
γ 178. 0	5.68	5.45	5.49	5.30	5.31	5.34	5.37	5.37	5.60	5.42	5.16	5.27
γ 179. 0	5.38	5.24	5.18	5.27	5.26	5.31	5.48	5.27	5.61	5.34	4.97	5.29
γ 180. 0	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32	5.32
V/H	C270. 0	C292. 5	C315. 0	C337. 5								
γ 0. 0	2508.71	2508.71	2508.71	2508.71								
γ 1. 0	2470.36	2456.13	2440.58	2434.27								
γ 2. 0	2422.19	2405.34	2389.75	2385.96								
γ 3. 0	2353.25	2337.89	2323.43	2322.91								
γ 4. 0	2269.26	2254.26	2242.96	2245.14								
γ 5. 0	2177.21	2160.87	2152.33	2155.69								

IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 6. 0	2078. 24	2059. 87	2053. 68	2057. 55
γ 7. 0	1970. 65	1950. 58	1945. 35	1951. 06
γ 8. 0	1850. 75	1829. 55	1825. 28	1832. 16
γ 9. 0	1714. 44	1696. 04	1691. 41	1701. 19
γ 10. 0	1562. 87	1547. 55	1542. 21	1554. 96
γ 11. 0	1395. 87	1386. 12	1380. 51	1394. 77
γ 12. 0	1223. 93	1216. 45	1214. 11	1228. 21
γ 13. 0	1057. 30	1051. 67	1051. 05	1065. 61
γ 14. 0	900. 41	896. 44	896. 96	913. 37
γ 15. 0	757. 66	754. 90	756. 96	774. 15
γ 16. 0	631. 96	630. 12	634. 22	651. 47
γ 17. 0	525. 66	524. 31	529. 20	547. 21
γ 18. 0	435. 66	435. 07	440. 35	458. 29
γ 19. 0	360. 00	360. 51	365. 68	383. 06
γ 20. 0	296. 45	297. 60	303. 52	318. 79
γ 21. 0	244. 15	246. 35	251. 86	265. 96
γ 22. 0	200. 95	203. 94	209. 34	221. 66
γ 23. 0	166. 13	169. 47	175. 09	185. 31
γ 24. 0	137. 86	141. 25	146. 97	155. 49
γ 25. 0	114. 21	117. 93	123. 28	131. 18
γ 26. 0	94. 65	98. 60	103. 45	110. 12
γ 27. 0	78. 42	81. 96	86. 90	92. 31
γ 28. 0	65. 50	68. 79	73. 08	77. 73
γ 29. 0	55. 12	57. 97	62. 03	65. 93
γ 30. 0	46. 83	49. 50	53. 31	56. 32
γ 31. 0	40. 29	42. 56	45. 98	48. 69
γ 32. 0	34. 82	36. 95	39. 92	42. 34
γ 33. 0	30. 38	32. 22	34. 89	37. 37
γ 34. 0	27. 06	28. 14	30. 61	32. 84
γ 35. 0	24. 89	26. 02	27. 45	29. 32
γ 36. 0	23. 09	24. 35	25. 52	26. 80
γ 37. 0	21. 60	22. 91	23. 92	25. 44
γ 38. 0	20. 01	21. 46	22. 38	23. 79
γ 39. 0	18. 95	20. 15	20. 91	22. 07
γ 40. 0	18. 11	18. 84	19. 39	20. 97
γ 41. 0	17. 17	17. 67	18. 14	19. 64
γ 42. 0	16. 21	16. 51	17. 00	18. 10
γ 43. 0	15. 14	15. 35	15. 61	16. 63
γ 44. 0	14. 24	14. 40	14. 43	15. 32
γ 45. 0	13. 01	13. 51	13. 70	13. 93
γ 46. 0	11. 86	12. 10	12. 53	13. 09
γ 47. 0	10. 36	10. 61	11. 18	12. 21
γ 48. 0	9. 22	9. 57	9. 93	11. 19
γ 49. 0	7. 74	8. 12	8. 50	9. 57
γ 50. 0	6. 19	6. 59	7. 27	8. 25
γ 51. 0	4. 84	5. 44	6. 01	7. 02
γ 52. 0	4. 44	4. 41	4. 74	5. 71

IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 53. 0	4. 08	3. 82	4. 04	4. 61
γ 54. 0	3. 54	3. 61	3. 72	4. 26
γ 55. 0	3. 26	3. 21	3. 22	3. 72
γ 56. 0	3. 13	2. 98	2. 79	3. 53
γ 57. 0	3. 00	2. 65	2. 63	3. 16
γ 58. 0	2. 43	2. 34	2. 40	3. 02
γ 59. 0	2. 19	2. 09	2. 16	2. 72
γ 60. 0	2. 35	1. 98	2. 18	2. 47
γ 61. 0	2. 24	2. 02	2. 06	2. 30
γ 62. 0	2. 12	2. 13	1. 84	2. 32
γ 63. 0	1. 95	2. 15	1. 90	2. 11
γ 64. 0	1. 99	2. 13	1. 99	1. 94
γ 65. 0	1. 92	2. 15	1. 99	2. 05
γ 66. 0	1. 94	1. 87	1. 82	1. 96
γ 67. 0	2. 06	2. 04	1. 72	2. 02
γ 68. 0	2. 14	2. 02	1. 75	2. 07
γ 69. 0	1. 84	2. 04	1. 87	2. 36
γ 70. 0	1. 93	2. 15	1. 90	2. 18
γ 71. 0	1. 86	2. 05	1. 77	2. 21
γ 72. 0	1. 98	2. 01	1. 83	2. 18
γ 73. 0	1. 92	2. 18	1. 92	2. 32
γ 74. 0	2. 04	2. 13	2. 08	2. 24
γ 75. 0	1. 95	2. 35	2. 17	2. 28
γ 76. 0	2. 08	2. 23	2. 09	2. 43
γ 77. 0	2. 21	2. 42	2. 24	2. 22
γ 78. 0	2. 59	2. 31	2. 23	2. 61
γ 79. 0	2. 38	2. 30	2. 10	2. 63
γ 80. 0	2. 46	2. 61	2. 23	2. 59
γ 81. 0	2. 61	2. 68	2. 35	2. 49
γ 82. 0	2. 57	2. 47	2. 24	2. 70
γ 83. 0	2. 50	2. 44	2. 22	2. 54
γ 84. 0	2. 68	2. 58	2. 55	2. 73
γ 85. 0	2. 68	2. 58	2. 71	2. 71
γ 86. 0	2. 84	2. 69	2. 59	3. 10
γ 87. 0	2. 99	2. 63	2. 70	2. 90
γ 88. 0	2. 96	2. 69	2. 78	2. 91
γ 89. 0	3. 06	2. 48	2. 74	3. 23
γ 90. 0	3. 00	2. 74	2. 86	2. 99
γ 91. 0	3. 05	2. 88	2. 88	2. 92
γ 92. 0	3. 29	2. 89	2. 89	3. 10
γ 93. 0	3. 15	3. 07	2. 95	3. 00
γ 94. 0	3. 05	3. 14	2. 90	3. 11
γ 95. 0	3. 13	2. 79	2. 74	3. 18
γ 96. 0	3. 24	3. 05	2. 81	3. 06
γ 97. 0	3. 09	2. 90	2. 93	3. 11
γ 98. 0	3. 02	2. 90	2. 95	3. 02
γ 99. 0	3. 13	2. 93	2. 88	3. 21

IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 100.0	3.17	2.76	2.79	2.92
γ 101.0	3.33	2.78	2.80	2.72
γ 102.0	3.24	2.84	2.86	3.01
γ 103.0	3.33	3.07	3.00	2.98
γ 104.0	3.40	2.70	3.06	3.10
γ 105.0	3.41	2.81	3.03	3.25
γ 106.0	3.34	2.68	2.93	3.12
γ 107.0	3.06	2.88	2.74	3.49
γ 108.0	3.20	3.02	2.71	3.33
γ 109.0	3.36	3.05	2.72	3.43
γ 110.0	3.37	3.06	2.65	3.41
γ 111.0	3.21	3.08	2.61	3.19
γ 112.0	3.40	2.96	2.85	3.30
γ 113.0	3.67	3.05	2.99	3.25
γ 114.0	3.38	2.90	2.59	3.51
γ 115.0	3.21	3.16	2.63	3.35
γ 116.0	3.31	3.05	2.88	3.56
γ 117.0	3.23	3.23	2.90	3.30
γ 118.0	3.00	3.01	2.81	3.42
γ 119.0	3.40	3.16	2.68	3.87
γ 120.0	3.19	3.10	2.62	3.49
γ 121.0	3.24	3.11	2.71	3.33
γ 122.0	3.11	2.97	2.81	3.13
γ 123.0	3.14	2.87	2.88	3.18
γ 124.0	3.20	2.99	2.98	3.13
γ 125.0	3.17	3.12	3.03	3.35
γ 126.0	2.93	2.71	3.06	3.21
γ 127.0	2.97	3.15	3.09	3.22
γ 128.0	2.99	3.19	3.12	3.13
γ 129.0	3.10	2.96	3.14	3.17
γ 130.0	3.09	2.93	3.19	3.21
γ 131.0	3.07	3.20	3.17	3.40
γ 132.0	3.10	3.29	3.00	3.41
γ 133.0	2.91	3.03	2.96	3.29
γ 134.0	3.18	3.04	3.23	3.39
γ 135.0	3.26	3.08	3.30	3.44
γ 136.0	3.21	3.11	3.16	3.48
γ 137.0	3.27	3.29	3.07	3.14
γ 138.0	3.25	3.24	3.15	3.17
γ 139.0	3.34	3.21	3.28	3.23
γ 140.0	3.35	3.45	3.28	3.49
γ 141.0	3.33	3.58	3.38	3.61
γ 142.0	3.44	3.48	3.48	3.54
γ 143.0	3.52	3.72	3.51	3.64
γ 144.0	3.29	3.72	3.51	3.57
γ 145.0	3.42	3.90	3.46	3.89
γ 146.0	3.54	3.92	3.57	3.83

IES Indoor Report

Photometric Filename:AD12541 10W 1202C9 3090 ZHT35-15D 250.IES

Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 147. 0	3. 75	3. 85	3. 60	3. 71
γ 148. 0	3. 62	4. 20	3. 58	3. 65
γ 149. 0	4. 03	3. 97	3. 66	3. 89
γ 150. 0	3. 94	4. 09	3. 85	3. 79
γ 151. 0	4. 29	4. 35	4. 01	3. 87
γ 152. 0	4. 51	4. 42	4. 14	4. 08
γ 153. 0	4. 48	4. 74	4. 26	4. 33
γ 154. 0	4. 59	4. 50	4. 37	4. 36
γ 155. 0	4. 32	4. 71	4. 50	4. 20
γ 156. 0	4. 58	4. 82	4. 72	4. 51
γ 157. 0	4. 63	4. 84	4. 82	4. 17
γ 158. 0	4. 66	4. 93	4. 89	4. 60
γ 159. 0	4. 66	4. 81	5. 08	4. 85
γ 160. 0	4. 80	5. 08	5. 07	4. 49
γ 161. 0	4. 83	5. 01	4. 93	4. 83
γ 162. 0	4. 85	4. 92	4. 85	4. 74
γ 163. 0	5. 01	4. 81	4. 91	4. 91
γ 164. 0	4. 82	4. 80	4. 88	5. 08
γ 165. 0	4. 86	5. 15	4. 76	5. 06
γ 166. 0	5. 02	5. 12	5. 00	5. 21
γ 167. 0	4. 87	5. 05	5. 14	5. 20
γ 168. 0	5. 19	5. 06	5. 04	5. 27
γ 169. 0	5. 17	5. 12	4. 99	5. 31
γ 170. 0	4. 90	5. 24	5. 09	5. 09
γ 171. 0	5. 00	5. 27	5. 29	5. 02
γ 172. 0	5. 20	5. 11	5. 13	5. 29
γ 173. 0	5. 18	5. 22	5. 26	5. 52
γ 174. 0	5. 03	5. 35	5. 35	5. 16
γ 175. 0	4. 92	5. 32	5. 24	4. 94
γ 176. 0	4. 96	5. 47	5. 34	5. 15
γ 177. 0	5. 00	5. 47	5. 47	5. 13
γ 178. 0	5. 11	5. 39	5. 48	4. 93
γ 179. 0	5. 38	5. 51	5. 39	5. 14
γ 180. 0	5. 32	5. 32	5. 32	5. 32
