

# IES Indoor Report

Photometric Filename:231620-8 PVT8-5FT-13WD26-01D32-0101420055N.IES

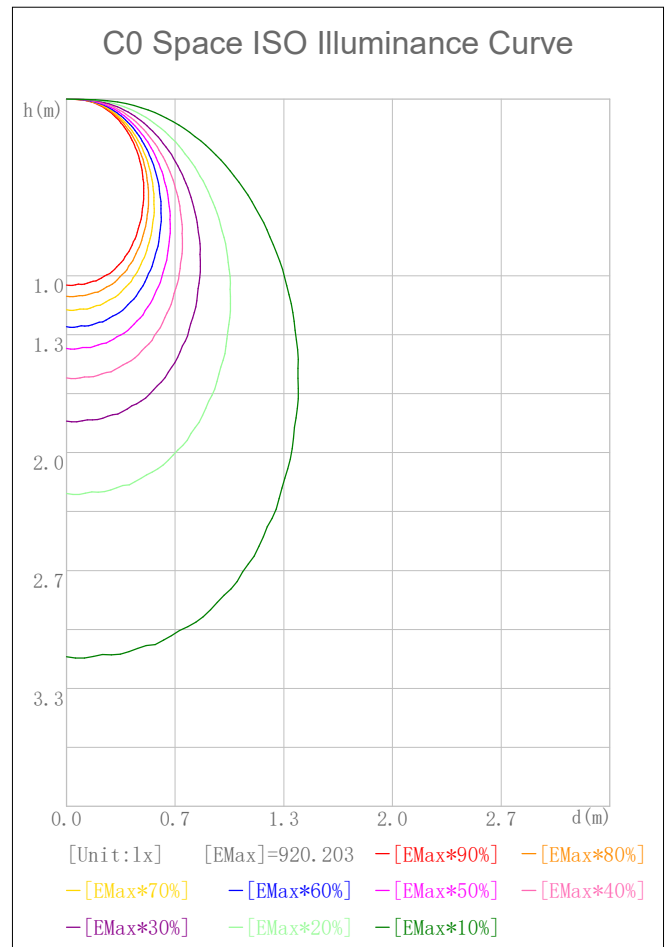
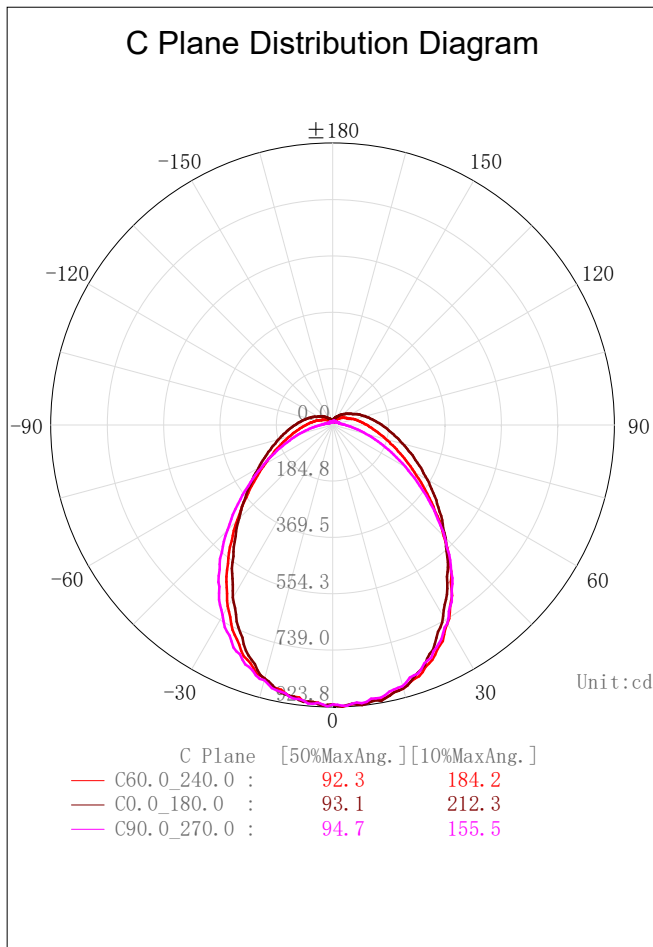
## Indoor Luminaire Photometric Data

### Description Information

Luminary Name: 231620-8 PVT8-5FT-13WD26-01D32-0101420055N		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2023/10/20
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H):0.025m*1.500m*0.025m		Lum. Area(m <sup>2</sup> ):0.075	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp.(°C): 25	Humidity(%): 50.0

### Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2550.790	Luminary Flux(lm): 2550.791	Field Angle(10%Imax): 184.2(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2294.953lm 89.97%	
Rated Voltage(V):	Luminary EER(lm/W): 197.736	Up Lumens&Percent: 255.838lm 10.03%	
Tested Power(W): 12.900	Max. Candela(cd): 923.797	S/MH: C0_a180=1.131 C90_270=1.194	
Lamps' Inside: 1	Max Cand@Ang.(°): C=60.0 γ=2.0	CIE Type: General Diffuse	
Tested Electrics(V, A, pf):230.2, 0.061, 0.914	Beam Angle(50%Imax): 92.3(°)	ErP Φuse(120°): 1773.774lm	
Lamp Size(W*L*H):0.025m*1.500m*0.025m	Left=-43.7°, Right=48.5°	IRF(%): 120.861	



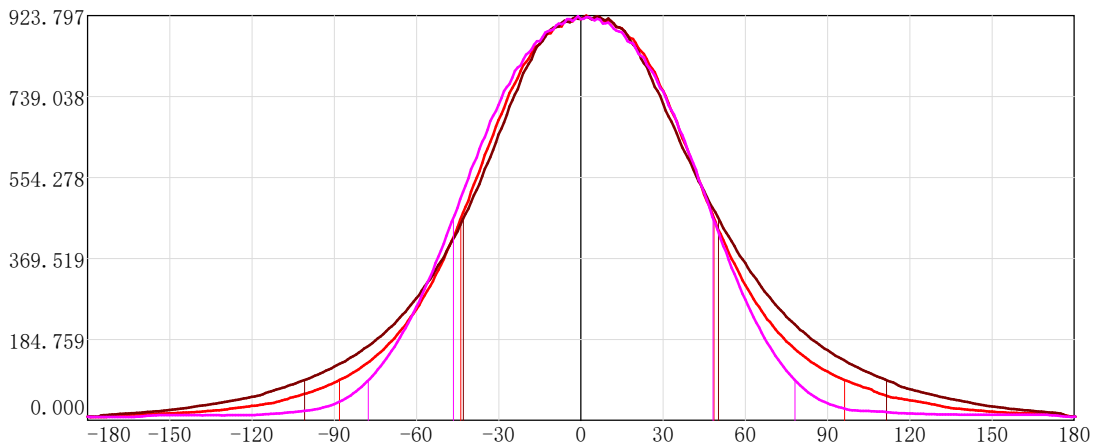
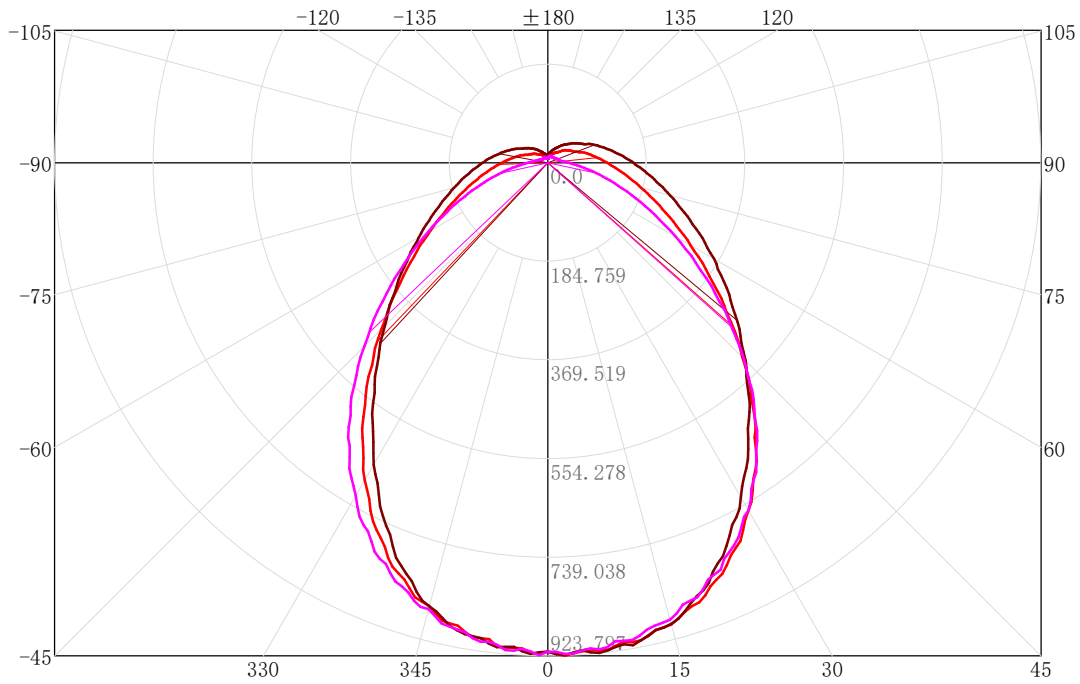
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## 2D Plane Light Intensity Distribution Curve

Lum. Name: 231620-8 PVT8-5FT-13WD26-01D32-0101420055N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/10/20

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
— (Red)	C60.0_240.0 :	92.3	184.2	
— (Brown)	C0.0_180.0 :	93.1	212.3	
— (Magenta)	C90.0_270.0 :	94.7	155.5	

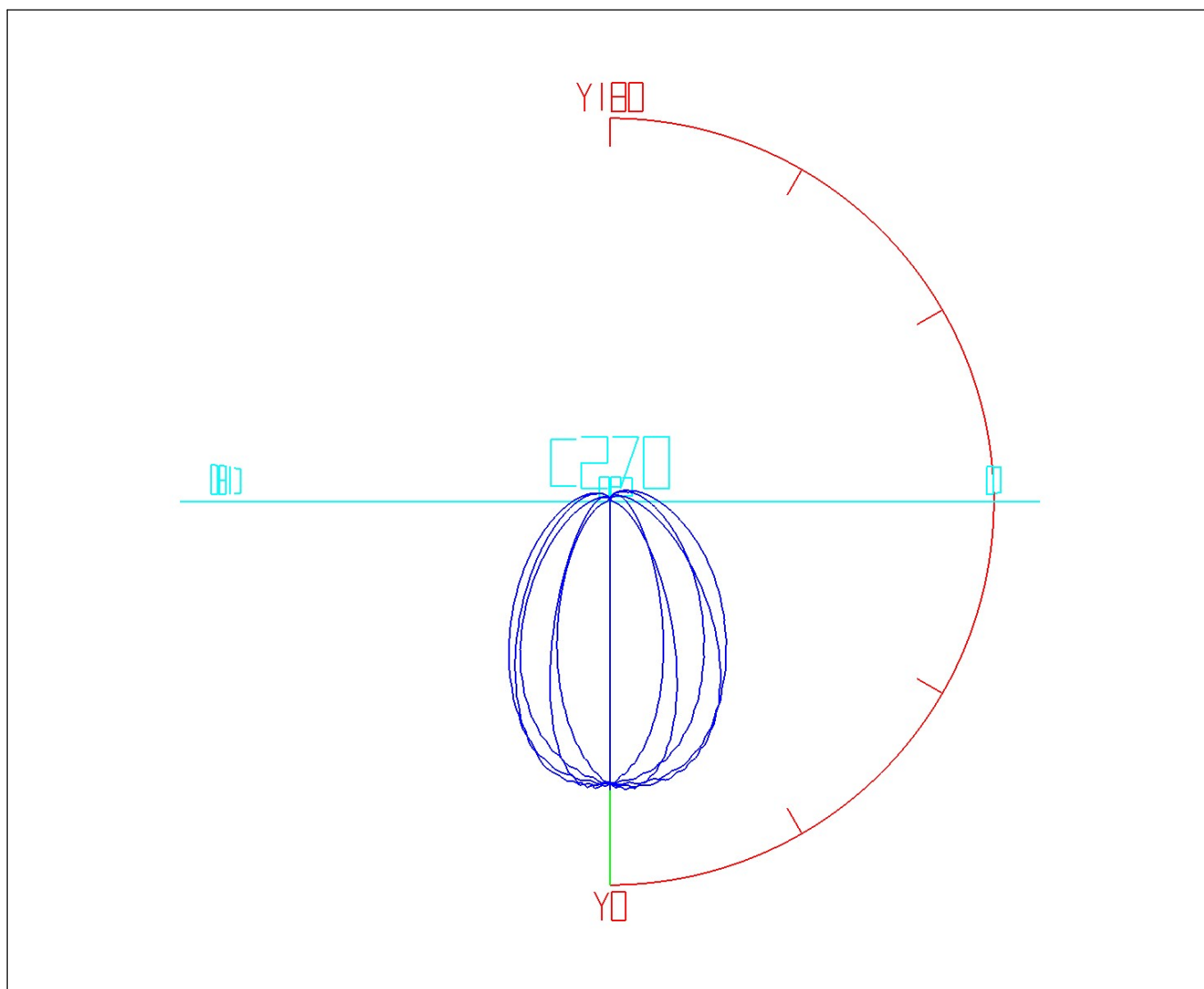
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## 3D Light Intensity Distribution Modal

Lum. Name: 231620-8 PVT8-5FT-13WD26-01D32-0101420055N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/10/20

## 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 ( $\gamma$ )	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone ( $\gamma$ )	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.88	0.88	0.03	0.03	47.0-48.0	36.41	36.41	1.43	1.43
1.0-2.0	2.64	3.52	0.10	0.14	48.0-49.0	35.78	72.19	1.40	2.83
2.0-3.0	4.39	7.91	0.17	0.31	49.0-50.0	35.08	107.27	1.38	4.21
3.0-4.0	6.13	14.03	0.24	0.55	50.0-51.0	34.39	141.66	1.35	5.55
4.0-5.0	7.86	21.90	0.31	0.86	51.0-52.0	33.71	175.37	1.32	6.88
5.0-6.0	9.61	31.50	0.38	1.24	52.0-53.0	33.01	208.38	1.29	8.17
6.0-7.0	11.33	42.84	0.44	1.68	53.0-54.0	32.25	240.63	1.26	9.43
7.0-8.0	13.00	55.84	0.51	2.19	54.0-55.0	31.46	272.09	1.23	10.67
8.0-9.0	14.67	70.51	0.58	2.76	55.0-56.0	30.71	302.80	1.20	11.87
9.0-10.0	16.35	86.86	0.64	3.41	56.0-57.0	29.97	332.77	1.17	13.05
10.0-11.0	17.99	104.86	0.71	4.11	57.0-58.0	29.18	361.95	1.14	14.19
11.0-12.0	19.57	124.42	0.77	4.88	58.0-59.0	28.37	390.32	1.11	15.30
12.0-13.0	21.11	145.53	0.83	5.71	59.0-60.0	27.58	417.90	1.08	16.38
13.0-14.0	22.65	168.18	0.89	6.59	60.0-61.0	26.81	444.71	1.05	17.43
14.0-15.0	24.16	192.34	0.95	7.54	61.0-62.0	26.06	470.77	1.02	18.46
15.0-16.0	25.60	217.94	1.00	8.54	62.0-63.0	25.28	496.04	0.99	19.45
16.0-17.0	26.97	244.91	1.06	9.60	63.0-64.0	24.49	520.53	0.96	20.41
17.0-18.0	28.28	273.19	1.11	10.71	64.0-65.0	23.73	544.26	0.93	21.34
18.0-19.0	29.55	302.74	1.16	11.87	65.0-66.0	23.01	567.26	0.90	22.24
19.0-20.0	30.77	333.51	1.21	13.07	66.0-67.0	22.27	589.54	0.87	23.11
20.0-21.0	31.94	365.45	1.25	14.33	67.0-68.0	21.51	611.05	0.84	23.96
21.0-22.0	33.01	398.46	1.29	15.62	68.0-69.0	20.79	631.84	0.82	24.77
22.0-23.0	34.01	432.47	1.33	16.95	69.0-70.0	20.13	651.97	0.79	25.56
23.0-24.0	34.97	467.43	1.37	18.33	70.0-71.0	19.45	671.42	0.76	26.32
24.0-25.0	35.83	503.27	1.40	19.73	71.0-72.0	18.74	690.16	0.73	27.06
25.0-26.0	36.61	539.87	1.44	21.16	72.0-73.0	18.08	708.24	0.71	27.77
26.0-27.0	37.35	577.22	1.46	22.63	73.0-74.0	17.47	725.70	0.68	28.45
27.0-28.0	38.01	615.22	1.49	24.12	74.0-75.0	16.83	742.53	0.66	29.11
28.0-29.0	38.54	653.77	1.51	25.63	75.0-76.0	16.20	758.73	0.64	29.75
29.0-30.0	39.02	692.79	1.53	27.16	76.0-77.0	15.61	774.35	0.61	30.36
30.0-31.0	39.46	732.24	1.55	28.71	77.0-78.0	15.05	789.40	0.59	30.95
31.0-32.0	39.80	772.04	1.56	30.27	78.0-79.0	14.49	803.89	0.57	31.52
32.0-33.0	40.04	812.08	1.57	31.84	79.0-80.0	13.94	817.83	0.55	32.06
33.0-34.0	40.25	852.33	1.58	33.41	80.0-81.0	13.43	831.26	0.53	32.59
34.0-35.0	40.40	892.73	1.58	35.00	81.0-82.0	12.93	844.18	0.51	33.09
35.0-36.0	40.44	933.17	1.59	36.58	82.0-83.0	12.43	856.62	0.49	33.58
36.0-37.0	40.37	973.54	1.58	38.17	83.0-84.0	11.97	868.59	0.47	34.05
37.0-38.0	40.26	1013.80	1.58	39.74	84.0-85.0	11.54	880.13	0.45	34.50
38.0-39.0	40.16	1053.96	1.57	41.32	85.0-86.0	11.13	891.26	0.44	34.94
39.0-40.0	39.98	1093.94	1.57	42.89	86.0-87.0	10.71	901.97	0.42	35.36
40.0-41.0	39.67	1133.62	1.56	44.44	87.0-88.0	10.33	912.30	0.40	35.77
41.0-42.0	39.31	1172.92	1.54	45.98	88.0-89.0	9.98	922.28	0.39	36.16
42.0-43.0	38.97	1211.89	1.53	47.51	89.0-90.0	9.64	931.92	0.38	36.53
43.0-44.0	38.58	1250.48	1.51	49.02	90.0-91.0	9.32	941.24	0.37	36.90
44.0-45.0	38.07	1288.55	1.49	50.52	91.0-92.0	9.01	950.24	0.35	37.25
45.0-46.0	37.51	1326.06	1.47	51.99	92.0-93.0	8.71	958.96	0.34	37.59
46.0-47.0	36.97	1363.03	1.45	53.44	93.0-94.0	8.44	967.39	0.33	37.93

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## Zonal Flux Tabulation - (Cont.)

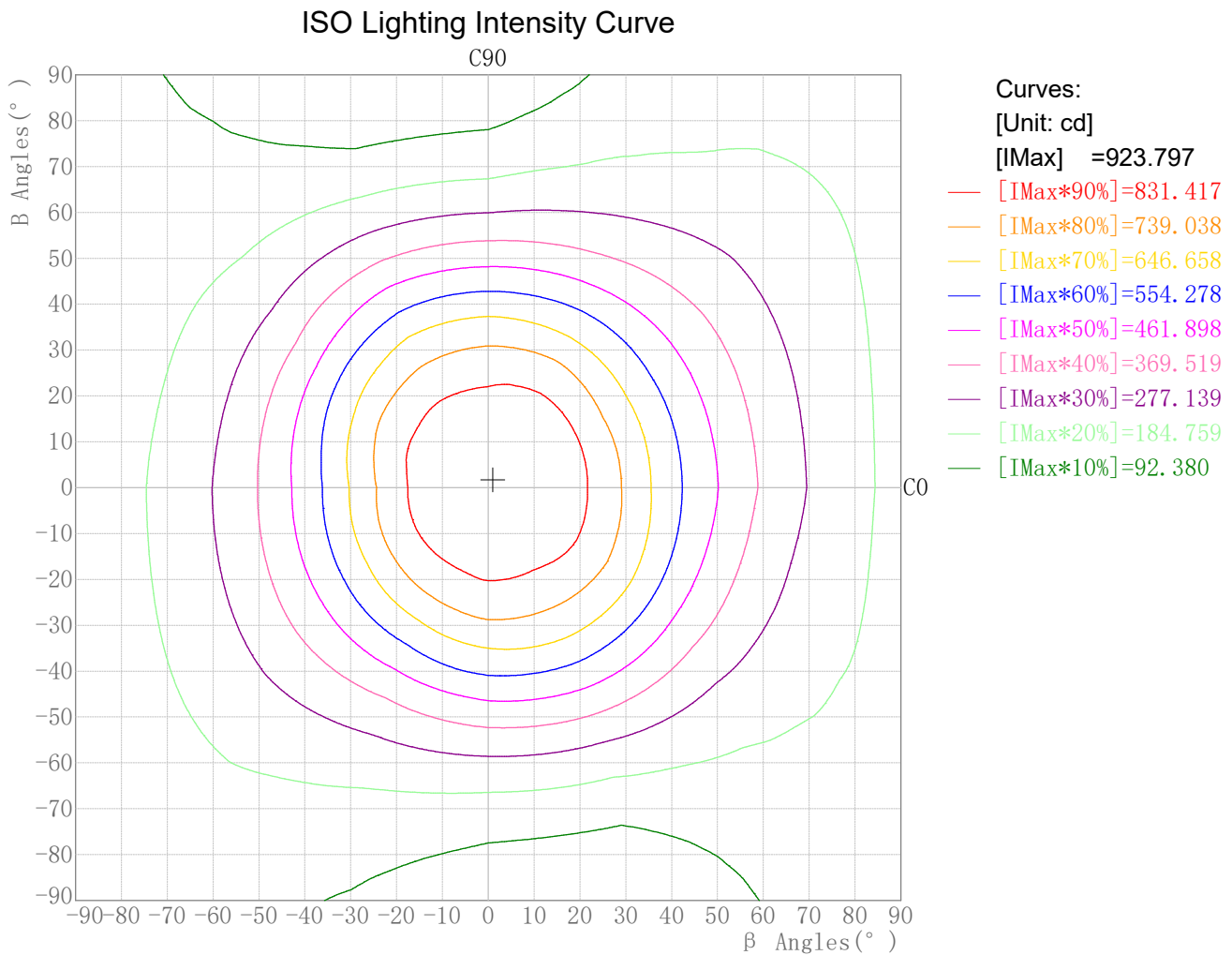
Zone ( $\gamma$ )	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone ( $\gamma$ )	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	8.16	8.16	0.32	0.32	141.0-142.0	1.51	1.51	0.06	0.06
95.0-96.0	7.90	16.06	0.31	0.63	142.0-143.0	1.43	2.94	0.06	0.12
96.0-97.0	7.66	23.72	0.30	0.93	143.0-144.0	1.37	4.31	0.05	0.17
97.0-98.0	7.42	31.15	0.29	1.22	144.0-145.0	1.30	5.61	0.05	0.22
98.0-99.0	7.19	38.34	0.28	1.50	145.0-146.0	1.24	6.85	0.05	0.27
99.0-100.0	6.96	45.30	0.27	1.78	146.0-147.0	1.19	8.04	0.05	0.32
100.0-101.0	6.76	52.06	0.26	2.04	147.0-148.0	1.13	9.17	0.04	0.36
101.0-102.0	6.56	58.62	0.26	2.30	148.0-149.0	1.07	10.24	0.04	0.40
102.0-103.0	6.36	64.98	0.25	2.55	149.0-150.0	1.03	11.27	0.04	0.44
103.0-104.0	6.16	71.13	0.24	2.79	150.0-151.0	0.97	12.24	0.04	0.48
104.0-105.0	5.97	77.11	0.23	3.02	151.0-152.0	0.93	13.17	0.04	0.52
105.0-106.0	5.80	82.90	0.23	3.25	152.0-153.0	0.88	14.05	0.03	0.55
106.0-107.0	5.60	88.51	0.22	3.47	153.0-154.0	0.84	14.88	0.03	0.58
107.0-108.0	5.40	93.90	0.21	3.68	154.0-155.0	0.79	15.68	0.03	0.61
108.0-109.0	5.20	99.11	0.20	3.89	155.0-156.0	0.75	16.43	0.03	0.64
109.0-110.0	5.03	104.14	0.20	4.08	156.0-157.0	0.71	17.14	0.03	0.67
110.0-111.0	4.86	109.00	0.19	4.27	157.0-158.0	0.67	17.81	0.03	0.70
111.0-112.0	4.69	113.69	0.18	4.46	158.0-159.0	0.63	18.45	0.02	0.72
112.0-113.0	4.50	118.19	0.18	4.63	159.0-160.0	0.60	19.04	0.02	0.75
113.0-114.0	4.32	122.51	0.17	4.80	160.0-161.0	0.56	19.60	0.02	0.77
114.0-115.0	4.17	126.68	0.16	4.97	161.0-162.0	0.52	20.13	0.02	0.79
115.0-116.0	4.01	130.69	0.16	5.12	162.0-163.0	0.49	20.62	0.02	0.81
116.0-117.0	3.86	134.55	0.15	5.27	163.0-164.0	0.46	21.07	0.02	0.83
117.0-118.0	3.74	138.29	0.15	5.42	164.0-165.0	0.42	21.49	0.02	0.84
118.0-119.0	3.62	141.91	0.14	5.56	165.0-166.0	0.39	21.88	0.02	0.86
119.0-120.0	3.51	145.43	0.14	5.70	166.0-167.0	0.36	22.24	0.01	0.87
120.0-121.0	3.40	148.83	0.13	5.83	167.0-168.0	0.33	22.57	0.01	0.88
121.0-122.0	3.29	152.11	0.13	5.96	168.0-169.0	0.29	22.86	0.01	0.90
122.0-123.0	3.18	155.29	0.12	6.09	169.0-170.0	0.26	23.12	0.01	0.91
123.0-124.0	3.08	158.38	0.12	6.21	170.0-171.0	0.23	23.35	0.01	0.92
124.0-125.0	2.98	161.35	0.12	6.33	171.0-172.0	0.20	23.55	0.01	0.92
125.0-126.0	2.87	164.23	0.11	6.44	172.0-173.0	0.17	23.72	0.01	0.93
126.0-127.0	2.77	167.00	0.11	6.55	173.0-174.0	0.14	23.86	0.01	0.94
127.0-128.0	2.67	169.67	0.10	6.65	174.0-175.0	0.12	23.98	0.00	0.94
128.0-129.0	2.57	172.24	0.10	6.75	175.0-176.0	0.09	24.07	0.00	0.94
129.0-130.0	2.47	174.71	0.10	6.85	176.0-177.0	0.06	24.13	0.00	0.95
130.0-131.0	2.37	177.08	0.09	6.94	177.0-178.0	0.04	24.18	0.00	0.95
131.0-132.0	2.27	179.35	0.09	7.03	178.0-179.0	0.02	24.20	0.00	0.95
132.0-133.0	2.18	181.53	0.09	7.12	179.0-180.0	0.01	24.21	0.00	0.95
133.0-134.0	2.10	183.63	0.08	7.20					
134.0-135.0	2.01	185.64	0.08	7.28					
135.0-136.0	1.93	187.57	0.08	7.35					
136.0-137.0	1.86	189.43	0.07	7.43					
137.0-138.0	1.79	191.22	0.07	7.50					
138.0-139.0	1.72	192.94	0.07	7.56					
139.0-140.0	1.64	194.58	0.06	7.63					
140.0-141.0	1.57	196.16	0.06	7.69					

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## Rectangle ISO Lighting Intensity Diagram

Lum. Name: 231620-8 PVT8-5FT-13WD26-01D32-0101420055N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/10/20



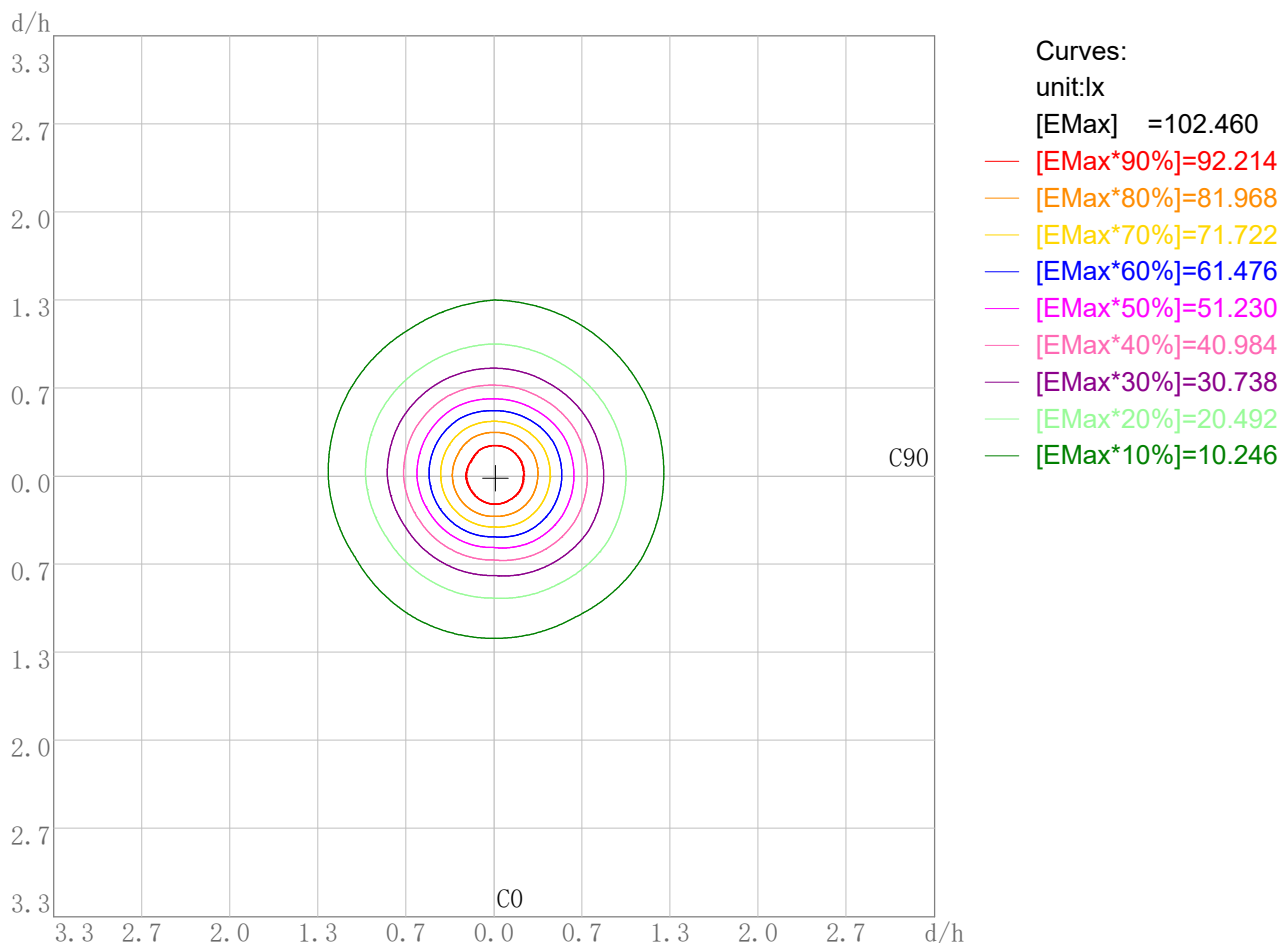
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## Plane ISO-Illuminance Diagram

Lum. Name: 231620-8 PVT8-5FT-13WD26-01D32-0101420055N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/10/20

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 102.46  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

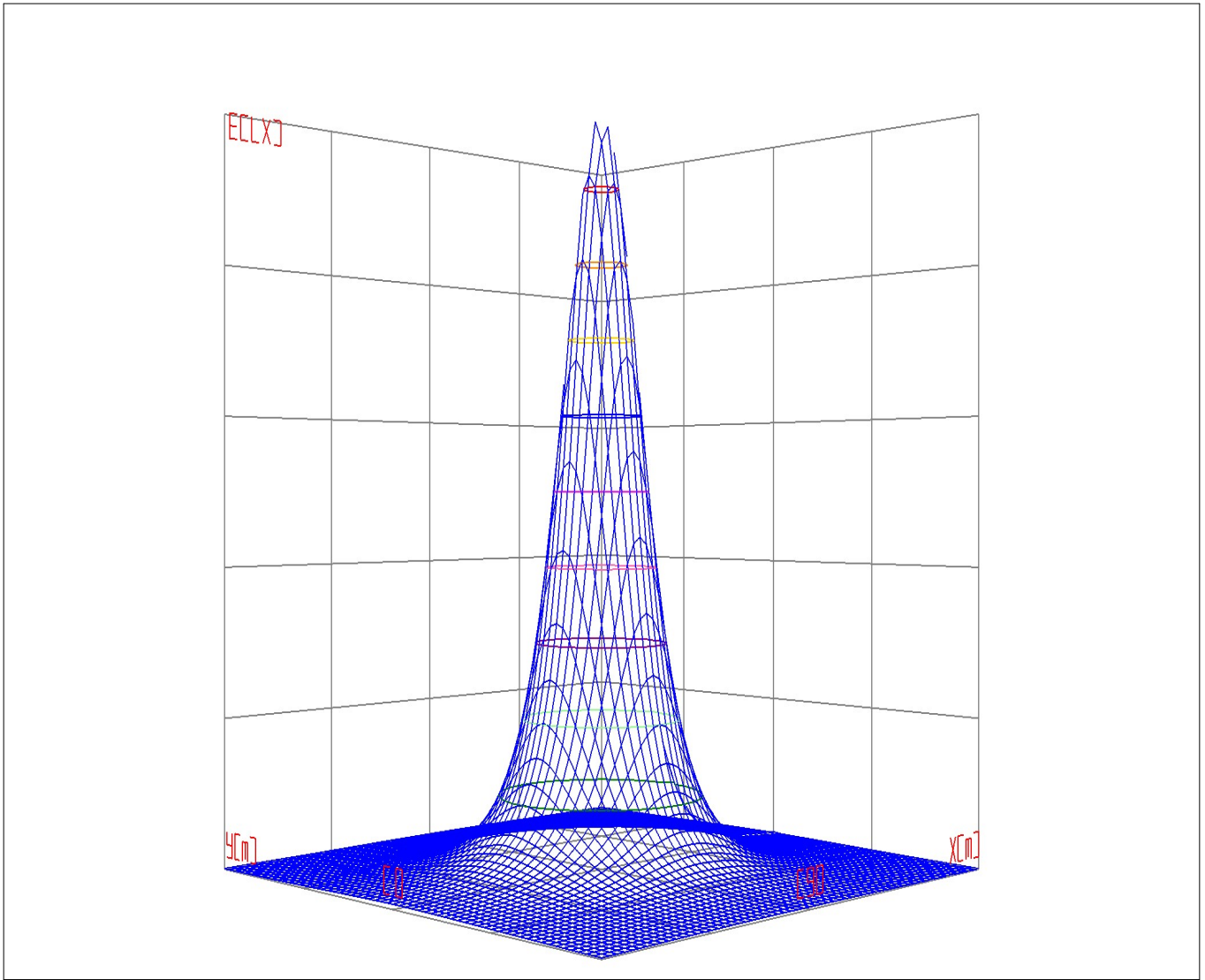
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## 3D Plane ISO Illuminance Diagram

Lum. Name: 231620-8 PVT8-5FT-13WD26-01D32-0101420055N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/10/20

### 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



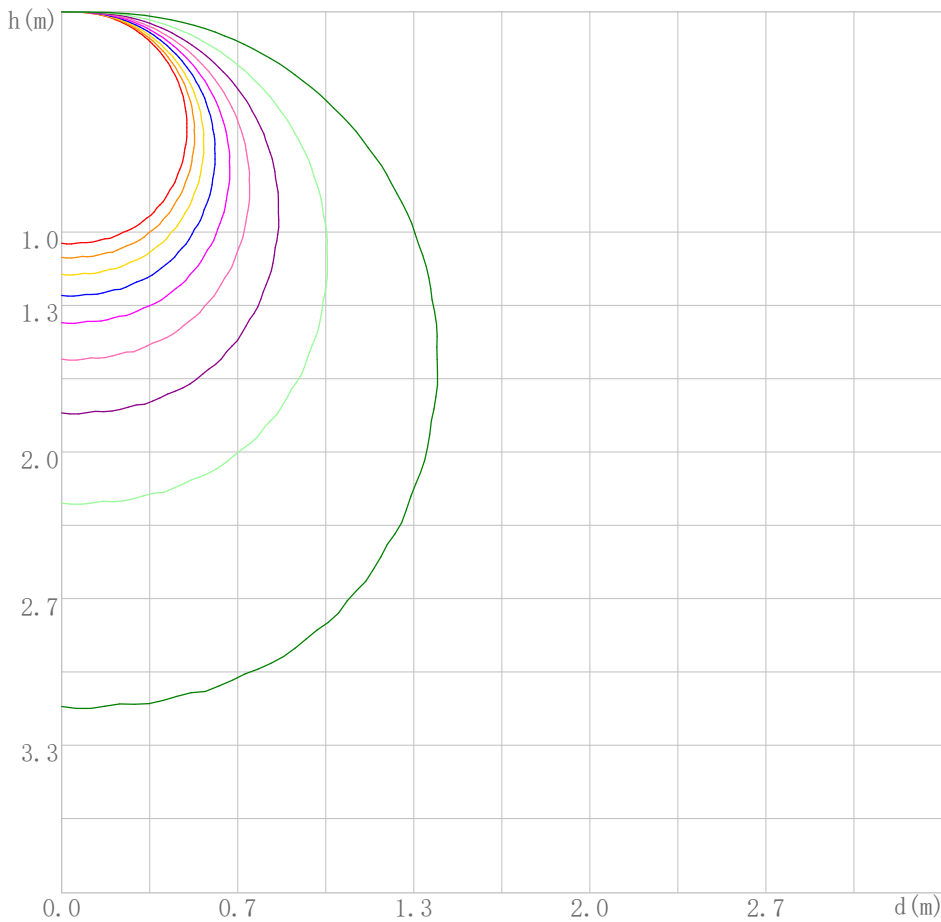
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## Space ISO Illuminance Diagram

Lum. Name: 231620-8 PVT8-5FT-13WD26-01D32-0101420055N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/10/20

### Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =920.203

— [EMax\*90%]=828.183

— [EMax\*80%]=736.163

— [EMax\*70%]=644.142

— [EMax\*60%]=552.122

— [EMax\*50%]=460.102

— [EMax\*40%]=368.081

— [EMax\*30%]=276.061

— [EMax\*20%]=184.041

— [EMax\*10%]=92.020

Space Plane Maximum Illuminance and @Angle:920.20lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:922.635cd,0deg

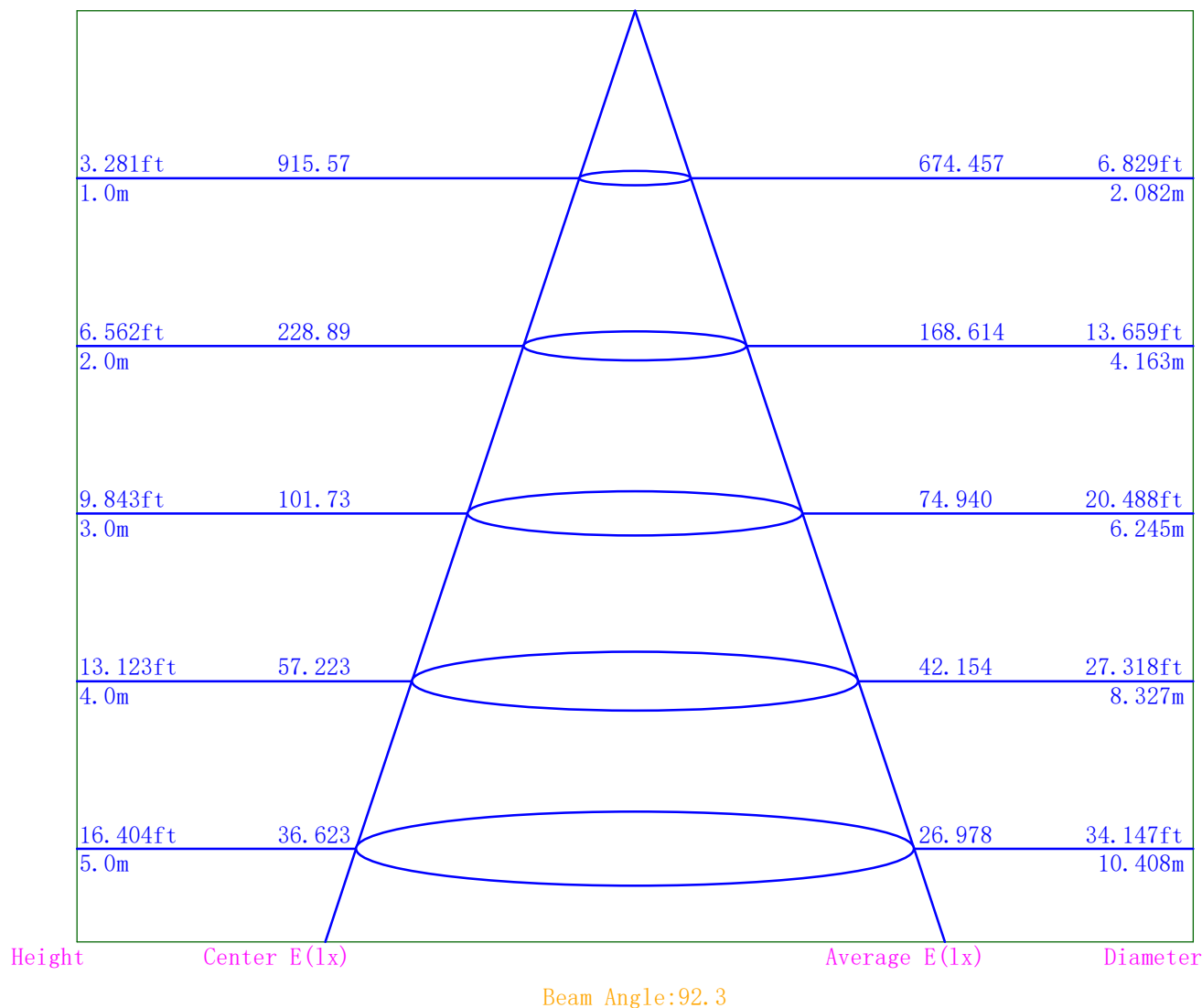
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## Illuminance-Distance Diagram

Lum. Name: 231620-8 PVT8-5FT-13WD26-01D32-0101420055N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/10/20

Illuminance-Distance Curve



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Photometric Filename:231620-8 PVT8-5FT-13WD26-01D32-0101420055N.IES

## Indoor Luminance Limiting Curves

Lum. Name: 231620-8 PVT8-5FT-13WD26-01D32-0101420055N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/10/20

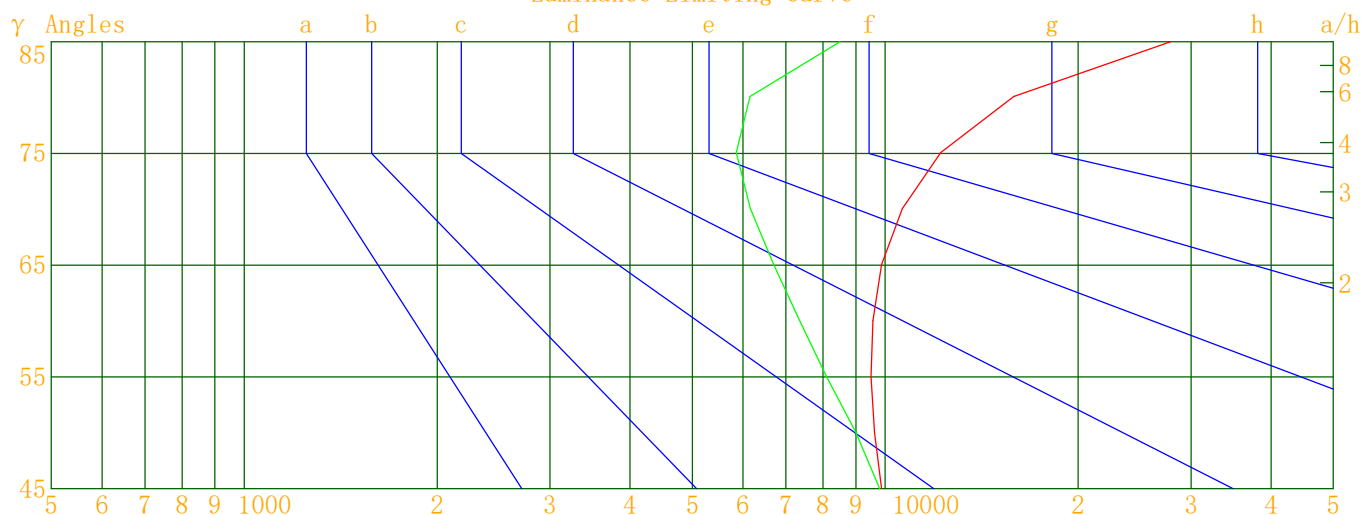
Glare Grade Table

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	9872	9630	9508	9572	9868	10631	12207	15871	27867
C90	9799	9004	8103	7357	6699	6164	5855	6152	8495

Luminance Limiting Curve



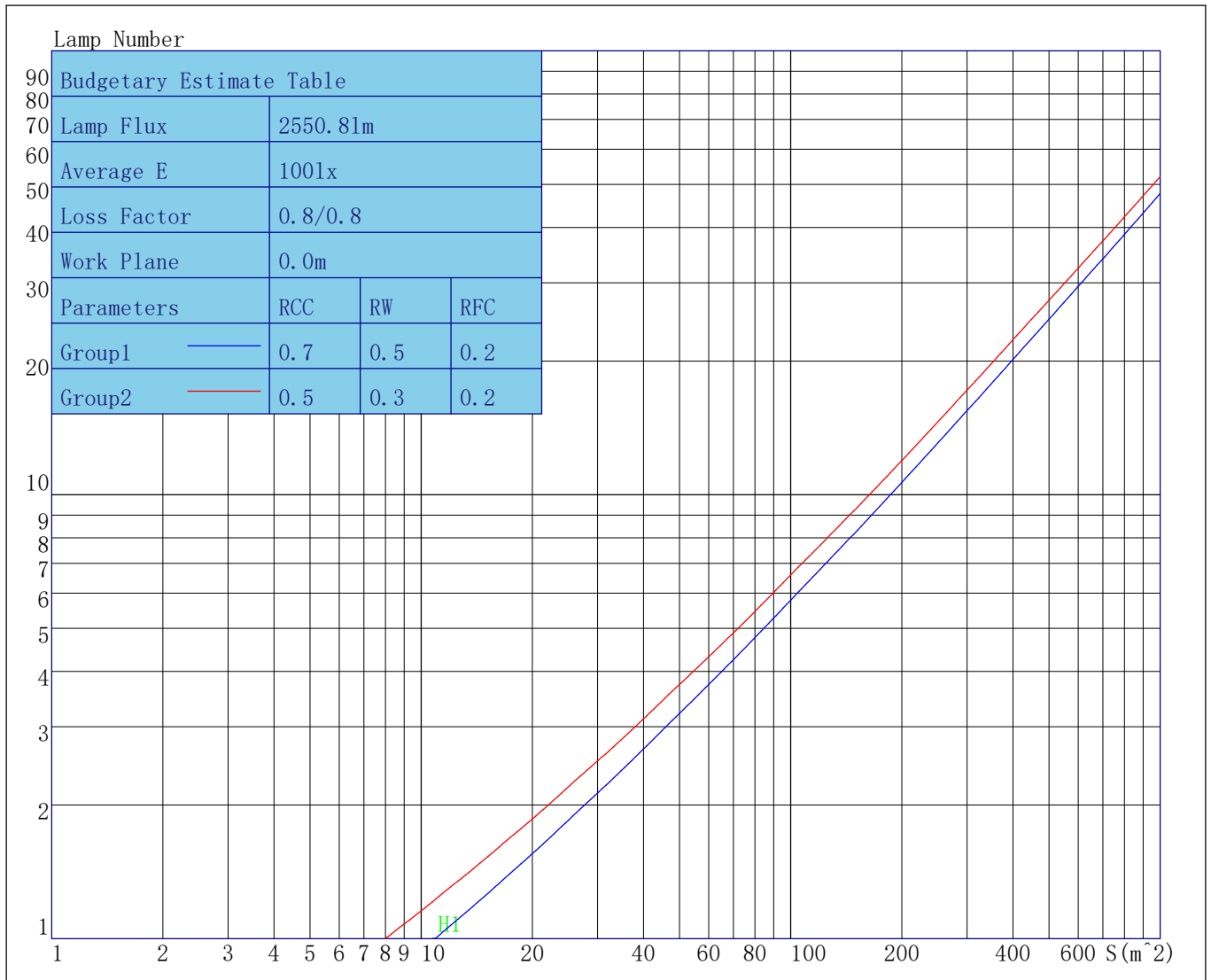
Luminous Size: Length(m)=1.500 Width(m)=0.025 Height(m)=0.025 Area(m<sup>2</sup>)=0.075000  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: ——— C90-C270 Color: ———

# IES Indoor Report

Photometric Filename: 231620-8 PVT8-5FT-13WD26-01D32-0101420055N.IES

## Indoor Budgetary Estimate Table

Lum. Name: 231620-8 PVT8-5FT-13WD26-01D32-0101420055N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/10/20



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:231620-8 PVT8-5FT-13WD26-01D32-0101420055N.IES

## Indoor Coefficient of Utilization Table

Lum. Name: 231620-8 PVT8-5FT-13WD26-01D32-0101420055N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/10/20

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	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	90
1	106	101	96	92	102	97	93	90	91	88	85	86	83	81	81	78	76	74
2	96	88	81	75	93	85	79	74	80	75	70	75	71	67	71	67	64	62
3	88	78	70	63	85	75	68	62	71	65	60	67	62	57	63	59	55	52
4	81	69	60	54	78	67	59	53	63	57	51	60	54	49	57	52	48	45
5	75	62	53	47	72	60	52	46	57	50	45	54	48	43	51	46	42	40
6	69	56	47	41	67	55	46	40	52	45	39	49	43	38	47	41	37	35
7	64	51	42	36	62	50	42	36	47	40	35	45	39	34	43	37	33	31
8	60	47	38	33	58	46	38	32	43	36	31	41	35	31	40	34	30	28
9	56	43	35	30	54	42	34	29	40	33	29	38	32	28	37	31	27	25
10	53	40	32	27	51	39	31	27	37	31	26	36	30	25	34	29	25	23

# IES Indoor Report

Photometric Filename:231620-8 PVT8-5FT-13WD26-01D32-0101420055N.IES

## Unified Glare Rating Table

Lum. Name: 231620-8 PVT8-5FT-13WD26-01D32-0101420055N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2023/10/20

## 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	18.1	19.5	17.3	18.5	19.0	17.4	18.7	16.6	17.8	18.3
Y=3H	20.2	21.4	19.5	20.6	21.1	18.6	19.8	18.0	19.1	19.5
Y=4H	21.4	22.5	20.8	21.9	22.4	19.1	20.3	18.6	19.6	20.1
Y=6H	22.8	23.9	22.4	23.3	23.8	19.6	20.7	19.2	20.1	20.6
Y=8H	23.7	24.7	23.2	24.2	24.7	19.9	20.9	19.5	20.4	20.9
Y=12H	24.7	25.7	24.3	25.2	25.7	20.2	21.1	19.8	20.7	21.2
X=4H Y=2H	17.8	18.9	17.2	18.2	18.7	17.2	18.3	16.6	17.6	18.1
Y=3H	19.9	20.8	19.5	20.4	20.9	18.5	19.4	18.1	19.0	19.5
Y=4H	21.2	22.0	20.9	21.7	22.3	19.1	19.9	18.8	19.6	20.2
Y=6H	22.8	23.6	22.6	23.4	24.0	19.7	20.4	19.5	20.2	20.8
Y=8H	23.8	24.5	23.7	24.4	25.0	20.0	20.7	19.9	20.5	21.2
Y=12H	25.1	25.7	25.0	25.6	26.3	20.3	21.0	20.3	20.9	21.6
X=8H Y=4H	23.5	24.2	23.4	24.1	24.7	21.7	22.4	21.6	22.2	22.9
Y=6H	25.0	25.6	25.1	25.6	26.3	22.3	22.9	22.4	22.9	23.6
Y=8H	26.0	26.5	26.1	26.6	27.3	22.6	23.1	22.8	23.3	24.0
Y=12H	27.1	27.6	27.4	27.8	28.5	23.0	23.5	23.2	23.7	24.4
X=12H Y=4H	23.8	24.4	23.8	24.4	25.0	22.2	22.9	22.2	22.8	23.5
Y=6H	25.5	26.0	25.7	26.1	26.8	23.2	23.7	23.4	23.8	24.5
Y=8H	26.6	27.1	26.8	27.2	28.0	23.8	24.3	24.0	24.4	25.2
Variations with the objerver position at spacings										
S=1.0H	0.4/-0.5					0.3/-0.3				
S=1.5H	0.7/-1.0					0.5/-0.5				
S=2.0H	0.6/-1.2					0.8/-0.9				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	5.8					4.5				

le is calculated according to the document STD.CIE 117-1995

# IES Indoor Report

Photometric Filename:231620-8 PVT8-5FT-13WD26-01D32-0101420055N.IES

## Candela Tabulation

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
$\gamma$ 0.0	915.57	915.57	915.57	915.57	915.57	915.57	915.57	915.57	915.57	915.57	915.57	915.57
$\gamma$ 1.0	920.62	922.56	919.76	916.44	915.69	916.20	916.61	915.49	918.81	922.35	918.79	920.30
$\gamma$ 2.0	921.82	916.81	923.80	920.04	920.13	920.40	920.46	912.49	918.11	916.23	921.58	921.78
$\gamma$ 3.0	918.65	916.40	919.67	920.38	920.92	916.04	916.14	916.95	910.85	911.19	917.06	915.41
$\gamma$ 4.0	915.24	919.46	916.77	915.52	915.94	909.07	908.76	913.37	910.28	915.92	910.49	913.64
$\gamma$ 5.0	920.09	920.76	914.56	912.92	911.13	910.75	909.76	906.97	910.83	915.78	911.95	917.92
$\gamma$ 6.0	922.64	922.66	918.82	916.37	912.35	913.66	912.09	909.69	910.50	907.73	914.14	917.57
$\gamma$ 7.0	919.77	916.86	919.15	914.11	913.36	907.99	907.05	910.22	898.86	903.84	908.17	910.01
$\gamma$ 8.0	915.39	913.10	913.22	905.20	908.82	899.42	898.89	901.45	899.14	905.70	901.82	909.75
$\gamma$ 9.0	912.74	914.32	907.77	906.44	903.47	899.38	897.87	896.46	899.42	901.38	901.41	910.49
$\gamma$ 10.0	917.49	914.64	911.33	907.40	896.34	898.50	895.97	897.38	892.28	892.62	900.72	906.90
$\gamma$ 11.0	911.29	911.41	911.43	901.78	898.67	894.58	891.84	889.99	883.30	890.16	893.71	900.59
$\gamma$ 12.0	905.67	901.24	904.66	893.50	896.26	886.96	886.06	880.78	881.91	887.70	883.95	893.55
$\gamma$ 13.0	898.40	900.57	897.73	889.58	886.93	878.29	875.26	875.46	879.85	885.13	881.13	895.72
$\gamma$ 14.0	897.13	901.15	896.41	887.64	878.52	875.55	865.42	870.61	870.07	874.27	879.49	893.34
$\gamma$ 15.0	893.66	892.40	894.68	885.64	878.42	873.81	859.63	864.31	859.05	865.05	874.77	883.25
$\gamma$ 16.0	888.19	881.98	887.50	877.20	875.49	862.57	853.22	856.66	854.72	865.10	862.06	874.81
$\gamma$ 17.0	878.14	878.14	878.70	865.24	865.89	852.26	839.70	845.05	850.58	857.54	857.73	874.08
$\gamma$ 18.0	866.85	874.44	873.01	862.39	856.68	847.01	823.92	831.87	837.56	846.05	852.89	869.90
$\gamma$ 19.0	857.99	862.80	870.26	860.16	846.77	841.28	813.84	817.67	825.18	838.76	848.05	856.75
$\gamma$ 20.0	851.69	849.02	861.81	849.92	844.60	827.09	802.99	810.32	817.88	834.69	835.55	850.34
$\gamma$ 21.0	842.21	842.40	849.45	836.58	838.42	816.89	792.20	799.91	810.50	823.10	825.73	845.68
$\gamma$ 22.0	825.65	833.69	842.53	831.57	825.15	808.62	775.31	782.61	797.79	810.22	819.78	835.75
$\gamma$ 23.0	815.04	824.20	835.99	827.84	812.98	800.70	756.06	765.52	781.21	805.33	813.85	820.88
$\gamma$ 24.0	806.61	809.32	824.54	811.73	808.06	785.97	743.92	756.16	769.17	797.40	801.49	817.69
$\gamma$ 25.0	791.54	792.54	811.22	804.15	800.62	769.22	730.13	743.98	758.64	782.29	786.87	806.83
$\gamma$ 26.0	776.23	782.58	802.26	796.08	785.80	759.70	716.05	725.09	747.15	767.86	779.71	792.40
$\gamma$ 27.0	760.94	773.85	794.29	786.39	771.82	749.94	697.13	707.24	731.32	760.95	772.55	780.22
$\gamma$ 28.0	751.71	757.71	778.42	772.03	767.47	733.48	679.81	692.65	712.62	751.21	758.56	772.37
$\gamma$ 29.0	740.16	739.61	762.59	758.24	752.76	714.38	666.06	680.16	699.06	735.51	744.42	758.27
$\gamma$ 30.0	723.30	728.09	752.05	751.24	738.26	702.36	652.51	662.00	685.68	719.86	731.98	742.37
$\gamma$ 31.0	706.97	716.87	740.76	737.50	723.77	690.90	634.50	643.90	671.31	706.33	721.56	730.58
$\gamma$ 32.0	693.72	697.00	723.86	719.32	715.19	672.94	616.93	627.84	651.52	694.90	711.89	720.04
$\gamma$ 33.0	681.96	683.12	706.44	707.97	702.39	653.53	600.46	614.42	635.04	682.57	693.87	701.97
$\gamma$ 34.0	669.90	672.19	694.96	698.36	684.92	639.88	586.94	599.89	620.49	663.82	678.95	684.21
$\gamma$ 35.0	654.33	656.87	682.21	680.28	667.80	626.22	574.11	582.02	606.42	646.65	667.08	671.87
$\gamma$ 36.0	638.81	638.43	662.46	663.86	657.81	607.53	556.91	564.30	587.27	636.23	653.64	658.28
$\gamma$ 37.0	622.67	624.69	643.90	651.40	641.67	587.39	538.78	551.39	568.49	619.27	636.78	641.55
$\gamma$ 38.0	611.63	612.28	632.26	636.79	622.66	573.03	526.80	537.13	553.99	600.09	617.88	623.14
$\gamma$ 39.0	599.79	599.27	616.75	616.35	609.23	558.63	514.29	519.49	539.22	587.20	605.02	605.01
$\gamma$ 40.0	588.14	581.39	597.55	601.78	595.45	540.04	498.17	502.97	522.09	572.97	592.30	593.86
$\gamma$ 41.0	573.01	567.78	580.33	587.36	576.00	519.94	483.21	491.66	501.77	552.60	574.42	575.14
$\gamma$ 42.0	558.41	555.37	567.09	571.53	557.16	504.72	471.45	478.95	487.76	535.66	554.93	556.39
$\gamma$ 43.0	545.16	543.14	551.62	550.02	544.54	490.18	460.10	462.59	474.29	521.67	539.37	542.52
$\gamma$ 44.0	535.55	528.03	533.51	535.37	528.28	474.13	445.69	447.19	457.68	504.89	524.18	527.21
$\gamma$ 45.0	523.54	512.45	515.73	519.65	507.91	456.59	431.33	436.77	441.26	485.61	508.61	506.40
$\gamma$ 46.0	509.52	500.14	500.58	502.91	491.96	439.12	419.60	424.92	424.21	468.59	489.46	493.13

# IES Indoor Report

Photometric Filename:231620-8 PVT8-5FT-13WD26-01D32-0101420055N.IES

## Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 47.0	495.58	488.49	487.05	483.92	476.84	425.03	408.92	410.71	410.55	454.09	471.37	478.74
γ 48.0	485.64	477.66	471.20	464.44	459.16	411.43	398.11	397.36	398.03	438.74	455.96	460.09
γ 49.0	475.47	463.79	454.14	449.27	440.14	394.85	385.57	385.29	383.74	421.45	440.88	442.70
γ 50.0	464.24	449.04	437.58	434.08	424.55	377.97	372.53	375.08	367.82	403.78	423.12	430.10
γ 51.0	451.56	437.72	425.16	414.10	409.48	365.21	363.25	364.78	355.20	387.73	403.36	416.03
γ 52.0	439.03	427.07	412.15	398.09	392.17	352.96	354.59	352.86	343.44	373.88	388.20	398.75
γ 53.0	428.62	416.80	397.25	384.11	374.43	338.85	343.59	341.10	331.39	359.08	374.47	383.09
γ 54.0	420.01	404.09	382.41	366.30	358.76	324.12	332.62	332.09	317.61	341.91	355.13	371.64
γ 55.0	409.03	390.97	368.48	348.57	344.96	311.55	322.32	323.29	306.03	326.90	339.87	358.85
γ 56.0	397.77	381.79	357.49	334.41	328.21	300.30	313.97	312.62	295.66	313.67	326.36	343.54
γ 57.0	386.53	372.16	345.88	320.74	312.15	288.92	306.28	302.37	285.56	300.30	310.13	329.20
γ 58.0	375.71	362.54	332.80	303.77	297.41	277.22	296.52	293.01	274.37	285.48	294.32	319.10
γ 59.0	368.23	350.17	319.87	289.20	284.47	265.04	285.96	286.05	263.11	271.02	279.09	307.25
γ 60.0	358.96	340.64	308.87	275.90	268.94	253.92	278.83	276.41	253.10	258.97	266.11	294.12
γ 61.0	348.32	332.10	299.24	263.19	253.99	244.80	271.55	266.98	244.77	247.11	252.96	282.38
γ 62.0	337.98	323.56	288.45	248.83	242.13	235.38	263.95	260.59	236.38	234.01	237.41	272.92
γ 63.0	330.07	313.32	276.95	234.95	229.42	224.95	255.43	253.65	226.87	221.23	225.34	262.91
γ 64.0	322.61	303.22	267.36	223.36	215.57	215.17	247.44	245.59	217.62	210.39	213.54	251.18
γ 65.0	312.77	295.70	259.02	212.34	202.41	207.08	241.40	237.71	210.57	200.10	199.30	241.86
γ 66.0	303.50	287.94	250.10	200.07	191.65	199.43	235.13	230.19	203.38	189.45	188.09	233.96
γ 67.0	294.39	280.58	240.41	187.91	180.64	190.54	227.90	224.90	195.44	178.43	177.65	224.04
γ 68.0	287.64	271.20	230.99	177.82	168.54	182.20	220.37	219.07	187.36	167.71	165.80	214.61
γ 69.0	280.72	263.14	224.67	168.16	157.09	175.59	215.03	211.57	181.33	159.00	154.02	207.03
γ 70.0	272.70	256.60	216.66	158.10	147.40	168.90	210.17	205.01	175.64	150.35	144.27	199.81
γ 71.0	264.45	250.05	208.37	147.28	137.70	161.14	203.77	200.13	168.73	140.95	135.16	191.71
γ 72.0	256.84	242.98	200.43	138.82	127.48	154.57	197.01	195.00	161.50	132.03	124.97	183.60
γ 73.0	251.34	235.46	195.24	131.00	117.73	148.76	192.11	189.65	156.41	124.41	114.95	177.01
γ 74.0	244.80	228.13	187.71	122.19	108.77	143.02	187.93	183.83	151.49	116.99	106.86	170.85
γ 75.0	236.96	222.73	180.60	113.66	100.92	136.86	182.43	177.97	145.88	109.06	98.32	164.25
γ 76.0	230.84	217.56	175.63	106.50	91.91	130.60	176.60	174.01	140.22	101.59	89.88	157.31
γ 77.0	225.36	210.87	170.15	99.86	84.09	125.85	172.10	169.90	135.02	95.12	81.74	151.53
γ 78.0	220.07	204.04	163.72	92.73	77.10	121.28	168.02	164.31	131.01	89.07	74.76	146.65
γ 79.0	213.14	199.24	157.71	85.81	69.96	115.42	164.14	159.38	126.54	82.75	67.98	140.78
γ 80.0	206.70	194.93	153.04	80.12	63.05	111.21	159.46	156.23	121.74	76.74	61.49	135.12
γ 81.0	202.79	189.33	148.56	74.76	56.67	107.39	154.73	152.10	117.17	71.32	55.02	130.31
γ 82.0	197.87	183.05	143.52	69.17	51.19	102.91	150.38	147.25	113.01	66.64	49.40	126.17
γ 83.0	191.85	178.94	138.51	63.87	45.85	98.14	146.97	143.55	109.50	61.78	44.45	120.95
γ 84.0	186.18	175.05	133.57	59.55	40.77	94.69	143.74	140.15	106.01	57.12	39.55	116.23
γ 85.0	182.16	170.00	130.11	55.53	36.22	91.56	139.80	136.82	101.85	53.13	34.98	113.05
γ 86.0	177.96	164.82	126.41	51.67	32.39	87.86	135.19	132.98	98.35	49.65	31.36	108.70
γ 87.0	173.27	160.58	121.71	47.75	29.00	83.92	132.18	129.18	95.42	46.08	28.17	104.45
γ 88.0	168.11	157.52	117.58	44.72	25.90	81.10	129.22	125.26	92.40	42.81	25.19	101.22
γ 89.0	163.83	153.05	114.69	42.09	23.24	78.45	125.98	122.66	88.81	40.00	22.68	98.05
γ 90.0	160.39	148.10	111.61	39.29	20.94	75.39	122.35	119.88	85.95	37.59	20.77	94.59
γ 91.0	156.58	144.93	107.93	36.75	19.37	72.41	118.92	116.47	83.40	35.21	19.20	91.04
γ 92.0	152.12	141.79	104.40	34.86	17.76	69.66	116.25	113.03	80.81	32.96	17.72	88.29
γ 93.0	147.84	138.18	101.27	32.94	16.46	67.43	113.77	110.05	77.78	31.10	16.55	85.68



# IES Indoor Report

Photometric Filename:231620-8 PVT8-5FT-13WD26-01D32-0101420055N.IES

## Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 94.0	144.24	134.30	98.87	30.82	15.56	65.28	110.45	107.76	75.14	29.63	15.82	82.93
γ 95.0	141.12	130.35	95.81	29.20	14.83	62.79	107.00	104.60	72.93	27.86	15.08	80.01
γ 96.0	137.94	127.19	92.76	27.60	14.12	60.31	104.64	101.50	70.97	26.49	14.40	77.33
γ 97.0	134.00	124.39	90.60	25.91	13.59	58.53	102.31	99.07	68.48	25.37	13.94	75.50
γ 98.0	130.22	121.50	88.26	24.36	13.09	56.80	99.58	96.72	65.88	24.36	13.53	73.05
γ 99.0	126.92	118.09	85.19	23.64	12.78	54.73	96.73	94.29	64.05	23.34	13.04	70.64
γ 100.0	124.34	114.69	83.10	23.20	12.57	52.85	93.97	91.44	62.22	22.37	12.74	68.46
γ 101.0	121.19	111.68	81.22	22.66	12.21	51.03	91.83	88.68	60.39	21.79	12.64	66.81
γ 102.0	117.80	109.51	78.68	22.21	11.63	49.63	89.81	86.90	58.25	21.01	12.47	65.03
γ 103.0	114.42	106.58	76.29	21.96	11.35	48.29	87.31	84.74	56.43	20.33	12.06	62.90
γ 104.0	112.06	103.43	74.69	21.85	11.19	46.59	84.43	82.09	54.87	19.65	11.65	60.88
γ 105.0	109.66	100.65	72.84	21.61	11.03	45.05	82.57	79.57	53.38	19.25	11.45	59.54
γ 106.0	106.41	98.37	70.48	21.24	10.80	43.88	80.89	77.89	51.49	18.83	11.36	58.03
γ 107.0	103.43	96.05	66.72	20.82	10.73	42.72	78.58	76.04	49.15	18.28	11.14	55.52
γ 108.0	100.62	93.36	64.11	20.63	10.65	41.25	76.05	73.72	47.27	17.58	11.01	53.15
γ 109.0	98.62	90.68	61.32	20.51	10.47	39.47	74.22	71.53	45.74	16.91	10.90	51.36
γ 110.0	96.40	87.96	60.05	20.18	10.30	38.29	72.50	69.81	44.03	16.40	10.75	49.60
γ 111.0	93.59	86.02	57.89	19.38	10.26	36.84	70.78	68.26	42.13	15.90	10.57	48.23
γ 112.0	90.88	84.04	55.55	18.76	10.18	35.18	68.65	66.00	40.52	15.39	10.41	47.10
γ 113.0	88.68	80.32	53.44	18.22	10.04	33.96	66.57	62.80	39.11	15.01	10.23	45.27
γ 114.0	86.79	76.22	52.18	17.63	9.97	33.21	64.99	60.36	38.43	14.75	10.18	43.74
γ 115.0	83.46	73.24	51.52	17.21	9.92	32.58	62.47	58.57	37.80	14.26	10.12	42.52
γ 116.0	79.37	71.47	50.47	17.02	9.97	31.77	59.59	56.63	36.64	13.69	9.97	41.76
γ 117.0	76.65	70.18	49.48	16.94	9.94	30.92	57.47	55.13	35.66	13.26	9.89	40.84
γ 118.0	74.94	68.25	48.42	16.61	9.90	30.16	55.87	54.33	34.61	13.03	9.89	39.87
γ 119.0	73.26	66.77	47.18	16.26	10.02	29.62	54.85	52.94	33.94	12.66	9.99	38.89
γ 120.0	71.73	64.81	45.94	16.07	10.17	29.09	54.06	51.17	33.25	12.48	10.05	38.03
γ 121.0	70.19	62.99	45.14	15.73	10.19	28.48	52.51	49.51	32.24	12.41	10.06	37.34
γ 122.0	68.23	61.07	44.40	15.60	10.23	27.61	51.35	48.13	31.37	12.43	10.00	36.35
γ 123.0	66.88	59.30	43.32	15.50	10.36	26.91	50.27	47.52	30.75	12.35	10.04	35.52
γ 124.0	65.32	58.38	42.08	15.28	10.42	26.18	48.81	46.63	30.14	12.28	10.14	34.71
γ 125.0	63.42	57.11	41.08	14.98	10.46	25.26	47.52	45.18	29.37	12.18	10.05	34.09
γ 126.0	61.94	55.19	40.40	14.83	10.61	24.44	46.63	43.88	28.44	12.19	9.99	33.27
γ 127.0	60.56	53.83	39.04	14.71	10.76	23.77	45.58	42.92	27.58	12.16	10.03	31.94
γ 128.0	59.12	52.61	37.57	14.58	10.81	23.33	44.51	41.96	26.77	12.14	10.05	30.50
γ 129.0	57.69	51.24	36.28	14.40	10.81	22.96	43.01	40.99	25.92	12.07	9.96	29.38
γ 130.0	55.92	49.41	35.13	14.17	10.91	22.45	42.02	39.81	25.03	12.01	9.92	28.32
γ 131.0	54.28	47.60	33.74	14.14	10.99	21.93	41.13	38.74	24.26	12.03	9.97	27.17
γ 132.0	53.18	45.66	32.19	14.09	11.05	21.49	40.11	37.87	23.63	12.11	9.93	26.22
γ 133.0	51.99	44.52	30.94	13.89	11.15	21.14	38.84	37.07	23.20	12.18	9.83	25.36
γ 134.0	50.43	43.67	29.90	13.81	11.15	20.81	37.89	36.20	22.71	12.11	9.81	24.58
γ 135.0	48.95	42.58	28.79	13.76	11.27	19.95	37.13	35.16	22.05	12.06	9.84	23.68
γ 136.0	47.91	41.36	27.91	13.72	11.36	19.49	36.14	34.16	21.63	12.18	9.79	22.93
γ 137.0	46.83	40.47	27.32	13.61	11.28	19.25	34.99	33.47	21.32	12.14	9.71	22.28
γ 138.0	45.70	39.64	26.75	13.42	11.42	19.04	34.30	32.58	20.78	12.04	9.68	21.71
γ 139.0	44.43	38.29	26.14	13.33	11.49	18.58	33.54	31.35	19.91	12.07	9.70	20.97
γ 140.0	43.19	37.37	25.48	13.28	11.41	18.41	32.53	30.15	19.57	12.19	9.79	20.24

# IES Indoor Report

Photometric Filename:231620-8 PVT8-5FT-13WD26-01D32-0101420055N.IES

## Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 141.0	42.19	36.45	24.86	13.23	11.25	18.33	31.27	29.31	19.30	12.19	9.67	19.76
γ 142.0	41.14	35.08	24.22	13.07	10.98	17.98	30.39	28.60	18.86	12.18	9.60	19.28
γ 143.0	39.72	33.33	23.77	12.92	10.83	17.75	29.44	27.82	18.36	12.13	9.63	18.76
γ 144.0	38.27	31.98	23.21	12.91	10.64	17.58	28.31	26.96	18.17	12.20	9.61	18.23
γ 145.0	37.10	30.69	22.83	13.01	10.30	17.45	27.44	26.52	18.00	12.20	9.55	17.93
γ 146.0	35.99	29.54	22.36	12.96	9.99	17.15	26.90	25.95	17.72	12.14	9.54	17.63
γ 147.0	35.02	28.22	21.71	12.94	9.78	16.95	26.11	25.16	17.37	12.13	9.66	17.24
γ 148.0	33.87	26.92	21.12	13.04	9.48	16.80	25.30	24.63	17.07	12.19	9.84	16.85
γ 149.0	32.95	25.94	20.76	13.18	9.18	16.67	24.72	24.05	16.88	12.21	9.95	16.53
γ 150.0	32.35	25.03	20.32	13.15	8.97	16.37	24.15	23.35	16.71	12.18	10.07	16.36
γ 151.0	31.46	23.78	19.73	13.15	8.89	16.21	23.57	22.56	16.34	12.06	10.33	16.15
γ 152.0	30.60	22.80	19.23	13.30	8.66	16.09	22.86	21.98	16.12	12.08	10.52	15.95
γ 153.0	29.73	21.82	19.01	13.35	8.51	15.88	22.26	21.58	16.02	12.16	10.69	15.76
γ 154.0	29.20	21.17	18.67	13.28	8.51	15.63	21.50	20.96	15.84	12.11	10.88	15.88
γ 155.0	28.29	20.66	18.21	13.27	8.46	15.30	20.97	20.43	15.59	11.88	11.09	15.86
γ 156.0	27.38	20.26	17.75	13.33	8.42	15.16	20.35	20.16	15.23	11.45	11.26	15.69
γ 157.0	26.65	20.11	17.71	13.35	8.33	15.07	19.79	19.73	15.06	11.02	11.45	15.65
γ 158.0	26.00	19.73	17.64	13.29	8.37	14.80	19.49	19.25	14.85	10.59	11.56	15.63
γ 159.0	25.62	19.29	17.38	13.19	8.40	14.52	19.01	18.77	14.69	10.00	11.55	15.57
γ 160.0	24.89	18.90	17.11	13.08	8.42	14.44	18.49	18.37	14.45	9.38	11.67	15.45
γ 161.0	24.16	18.65	16.88	13.10	8.36	14.34	17.89	18.04	14.13	8.87	11.64	15.35
γ 162.0	23.55	18.36	16.84	13.20	8.47	14.08	17.50	17.69	14.03	8.50	11.52	15.46
γ 163.0	23.08	18.18	16.78	13.14	8.53	13.77	17.12	17.21	13.96	8.29	11.49	15.48
γ 164.0	22.58	17.78	16.63	13.08	8.49	13.48	16.76	16.67	13.70	8.07	11.50	15.34
γ 165.0	22.02	17.26	16.45	13.19	8.50	13.41	16.19	16.29	13.39	7.97	11.33	15.28
γ 166.0	21.28	16.92	16.42	13.24	8.63	13.46	15.73	16.07	13.22	8.05	11.09	15.28
γ 167.0	20.70	16.64	16.34	13.11	8.56	13.02	15.38	15.73	13.08	8.06	10.92	15.16
γ 168.0	20.16	16.22	16.24	13.09	8.50	12.14	15.02	15.33	13.08	8.07	10.68	14.85
γ 169.0	19.62	15.76	15.91	13.05	8.56	11.19	14.65	14.92	12.64	8.04	10.39	14.68
γ 170.0	18.95	15.24	15.44	12.85	8.59	10.05	14.11	14.60	11.69	8.16	10.09	14.53
γ 171.0	18.58	14.92	15.09	12.40	8.51	8.87	13.61	14.19	10.44	8.20	9.77	14.32
γ 172.0	18.05	14.48	14.79	12.00	8.47	8.40	13.05	14.04	9.15	8.19	9.61	14.20
γ 173.0	17.38	13.73	14.56	11.51	8.51	8.25	12.70	13.44	8.32	8.17	9.35	14.16
γ 174.0	16.66	13.43	14.37	10.82	8.47	8.19	12.16	12.48	8.03	8.28	9.08	13.79
γ 175.0	16.13	13.30	14.05	10.21	8.36	8.10	11.42	10.60	8.09	8.27	8.89	13.19
γ 176.0	13.59	12.63	12.95	9.71	8.47	8.20	9.01	9.03	8.16	8.23	8.66	12.22
γ 177.0	10.40	10.84	11.52	9.10	8.40	8.13	8.47	8.85	8.04	8.33	8.45	10.97
γ 178.0	9.35	9.13	10.19	8.67	8.35	8.11	8.57	8.85	8.17	8.23	8.27	9.89
γ 179.0	8.97	8.18	8.93	8.25	8.31	8.06	8.57	8.78	8.08	8.31	8.20	8.95
γ 180.0	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41	8.41