

**Indoor Luminaire Photometric Data**

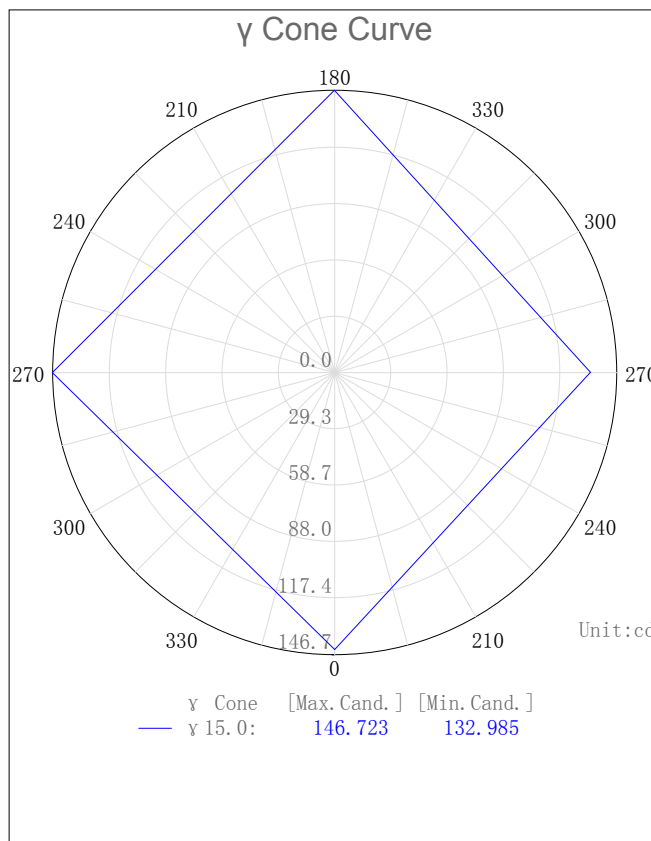
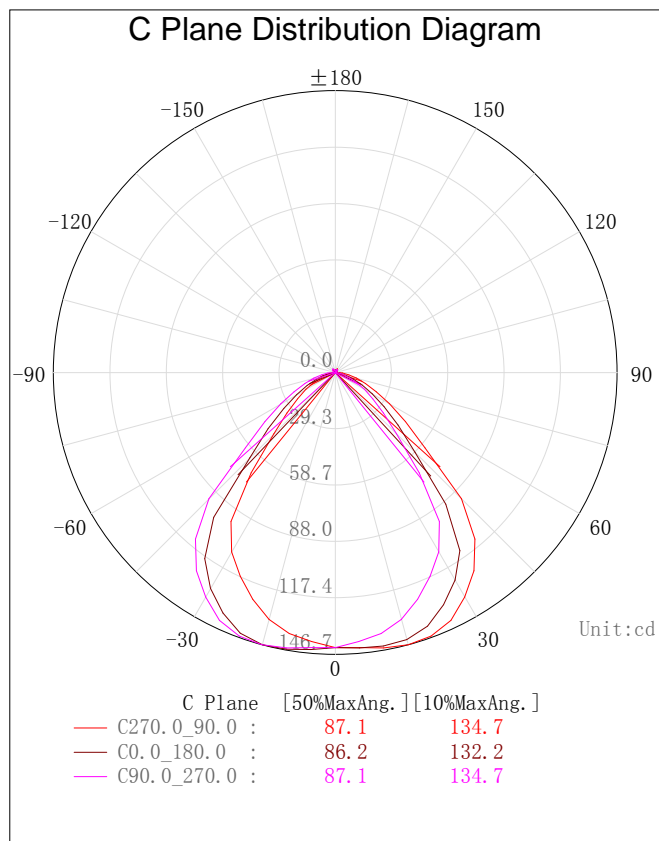
**Description Information**

Lum. Name: GLOW-1S-WH	Lum. Catalog:	Test ID:
Lamp Name: 3000K	Lamp Catalog:	Test Date: 2020/10/22
Manufacture:	ShldAngle(°):	Test Machine:GON-2000
Test Lab:	Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size(W*L*H):0.000m*0.000m*0.000m	Lum. Area(m2):0.000	Lum. W(kg): 2.000
Test System: C, γ	Test Step: C=90.0 γ=5.0	Temp.(°C): 25
		Humidity(%):

**Character Parameter**

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 295.220	Luminaire Flux: 295.215lm	Field Angle(10%Imax): 134.7	
Rated Power(W):	Luminaire Efficiency: 100.00%	Down Lumens&Percent: 291.983lm 98.90%	
Rated Voltage(V):	Luminaire EER(lm/W): 40.962	Up Lumens&Percent: 3.233lm 1.10%	
Tested Power(W): 7.207	Max. Cand. (cd): 146.723	S/MH: C0_a180=1.293 C90_270=1.250	
Lamps' Inside: 1	Max Cand@Ang. (°): C=270.0 γ=15.0	CIE Type: Semi-Direct	
Tested Electric:U=238.7V, I=0.056A, PF=0.000	Beam Angle(50%Imax): 87.1	ErP Φuse(90°): 209.389lm	
Lamp Size(W*L*H):0.000m*0.000m*0.000m	Left=-39.0 Right=48.1	IRF: 126.146%	

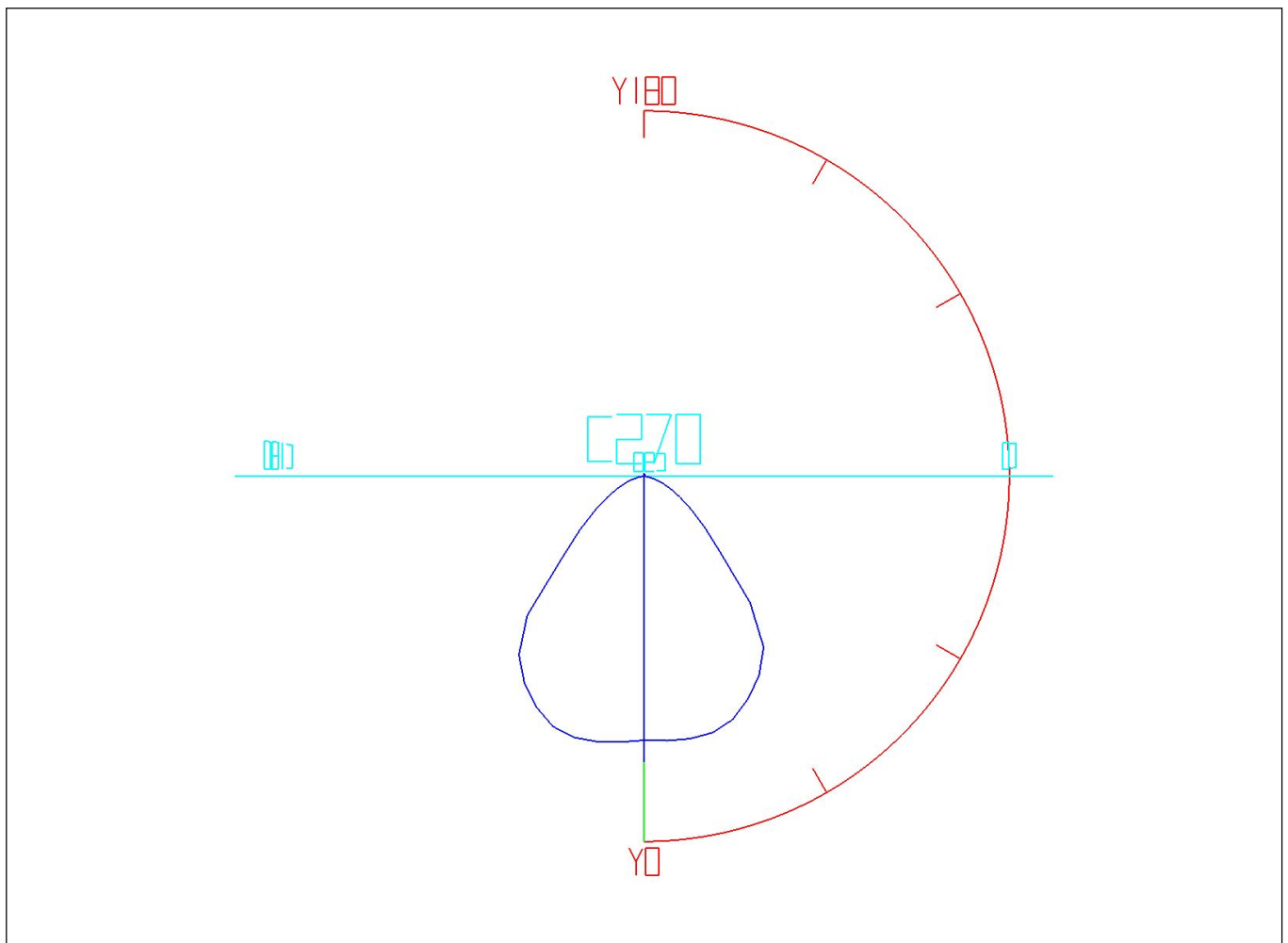
**Lighting Distribution Diagram**



### 3D Light Intensity Distribution Modal

Lum. Name: GLOW-1S-WH	Lum. Catalog:	Test ID:
Lamp Name: 3000K	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/10/22

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:GL0W-1S-WH-3K.IES

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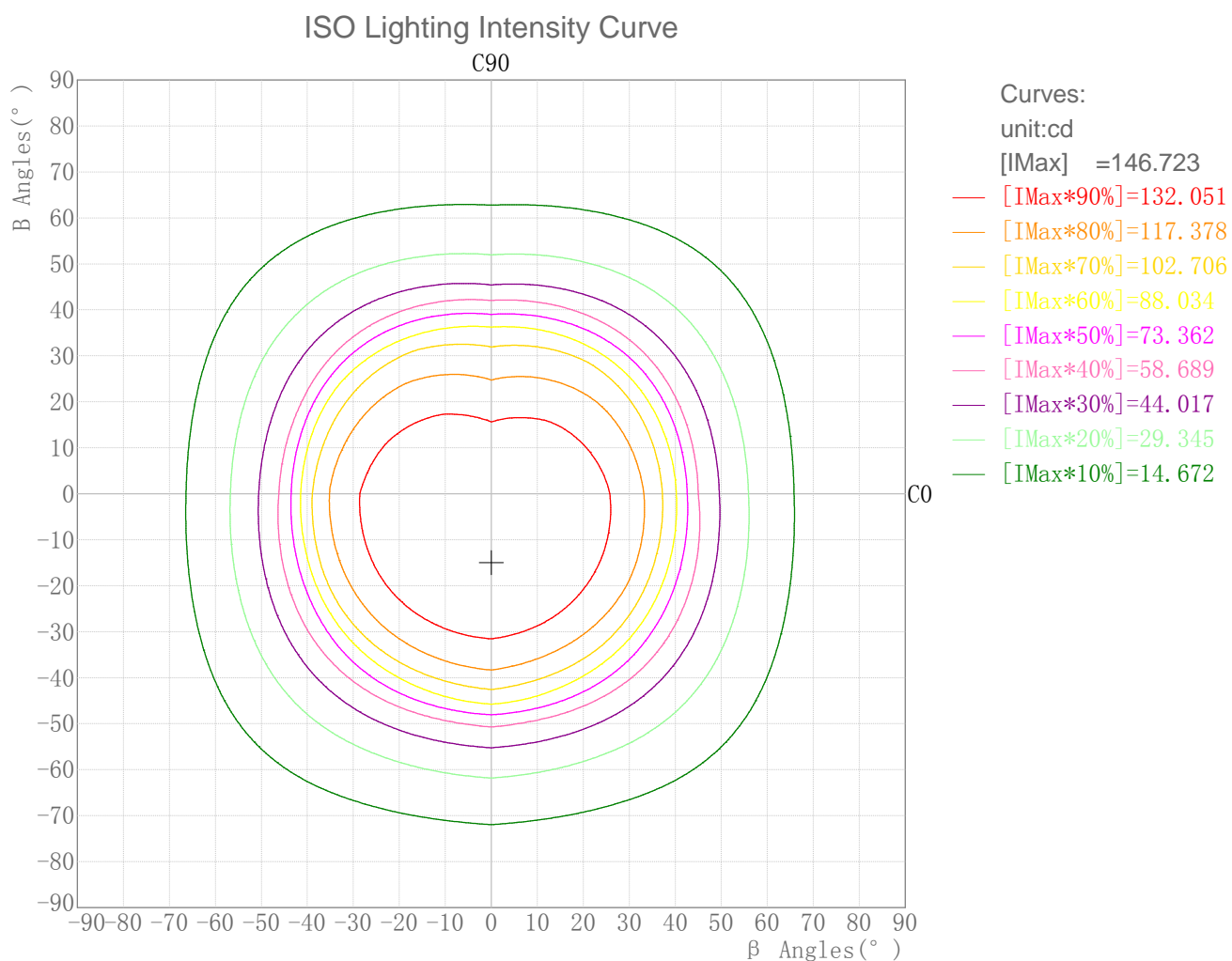
## Zonal Flux Tabulation

Zone ( y )	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-5.0	3.42	3.42	1.16	1.16
5.0-10.0	10.26	13.68	3.47	4.63
10.0-15.0	16.97	30.65	5.75	10.38
15.0-20.0	23.22	53.87	7.86	18.25
20.0-25.0	28.50	82.37	9.66	27.90
25.0-30.0	32.51	114.89	11.01	38.92
30.0-35.0	34.93	149.82	11.83	50.75
35.0-40.0	34.24	184.06	11.60	62.35
40.0-45.0	29.10	213.15	9.86	72.20
45.0-50.0	22.30	235.45	7.55	79.76
50.0-55.0	17.08	252.53	5.78	85.54
55.0-60.0	13.16	265.69	4.46	90.00
60.0-65.0	9.92	275.62	3.36	93.36
65.0-70.0	7.17	282.79	2.43	95.79
70.0-75.0	4.83	287.62	1.64	97.43
75.0-80.0	2.83	290.45	0.96	98.38
80.0-85.0	1.23	291.68	0.42	98.80
85.0-90.0	0.30	291.98	0.10	98.90
90.0-95.0	0.02	292.01	0.01	98.91
95.0-100.0	0.00	292.01	0.00	98.91
100.0-105.0	0.00	292.01	0.00	98.91
105.0-110.0	0.04	292.05	0.01	98.93
110.0-115.0	0.12	292.17	0.04	98.97
115.0-120.0	0.21	292.38	0.07	99.04
120.0-125.0	0.26	292.64	0.09	99.13
125.0-130.0	0.30	292.94	0.10	99.23
130.0-135.0	0.34	293.28	0.11	99.34
135.0-140.0	0.36	293.64	0.12	99.46
140.0-145.0	0.36	294.00	0.12	99.59
145.0-150.0	0.34	294.33	0.11	99.70
150.0-155.0	0.29	294.62	0.10	99.80
155.0-160.0	0.24	294.86	0.08	99.88
160.0-165.0	0.18	295.03	0.06	99.94
165.0-170.0	0.11	295.14	0.04	99.97
170.0-175.0	0.06	295.20	0.02	99.99
175.0-180.0	0.02	295.22	0.01	100.00

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**Rectangle ISO Lighting Intensity Diagram**

Lum. Name: GLOW-1S-WH	Lum. Catalog:	Test ID:
Lamp Name: 3000K	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/10/22



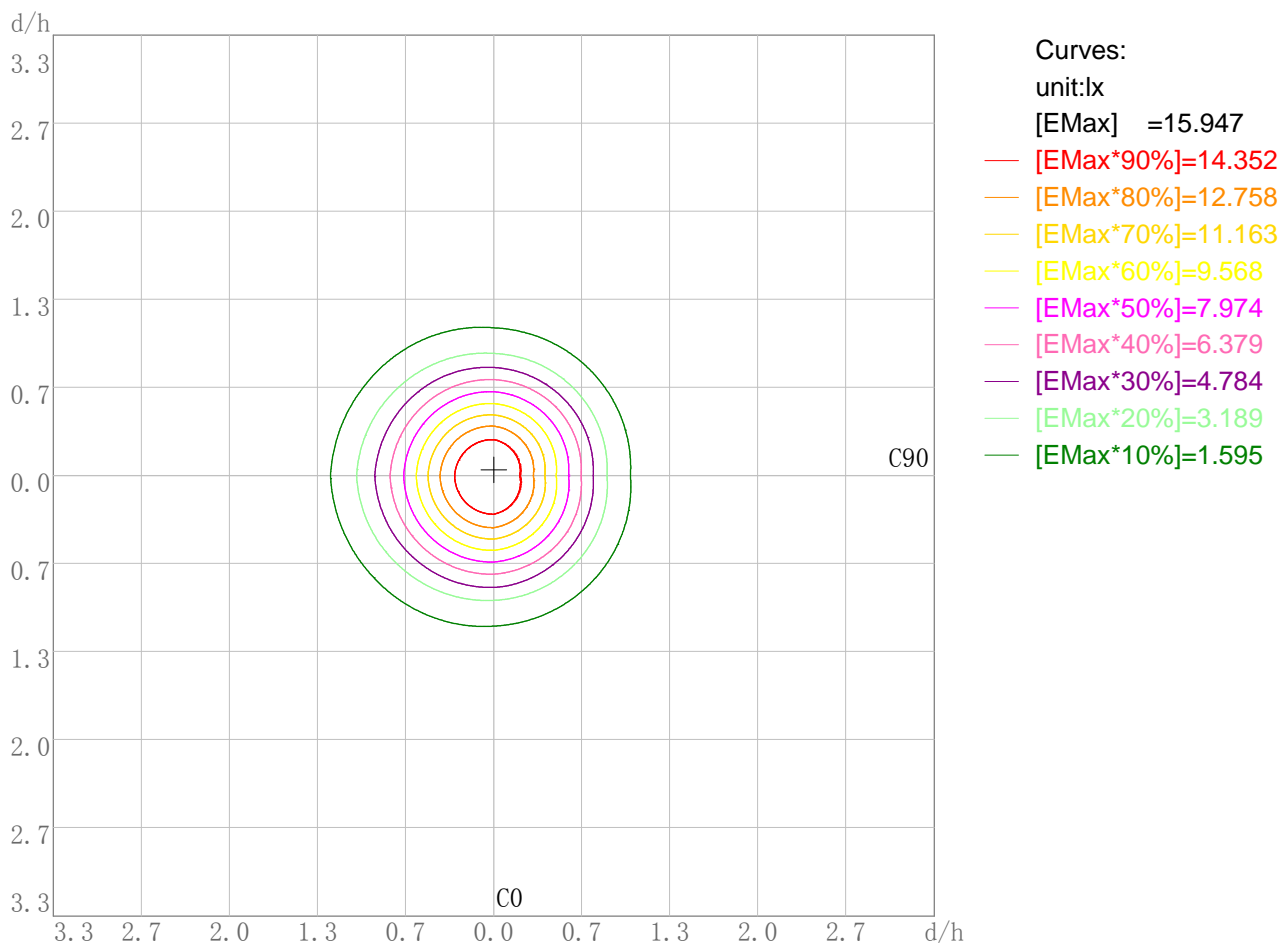
Maximum Light Intensity(cd): 146.72  
Maximum Cand.@Angle: H=-0.0°,V=-15.0°

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**Plane ISO-Illuminance Diagram**

Lum. Name: GLOW-1S-WH	Lum. Catalog:	Test ID:
Lamp Name: 3000K	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/10/22

**Plane ISO-Illuminance Curve**



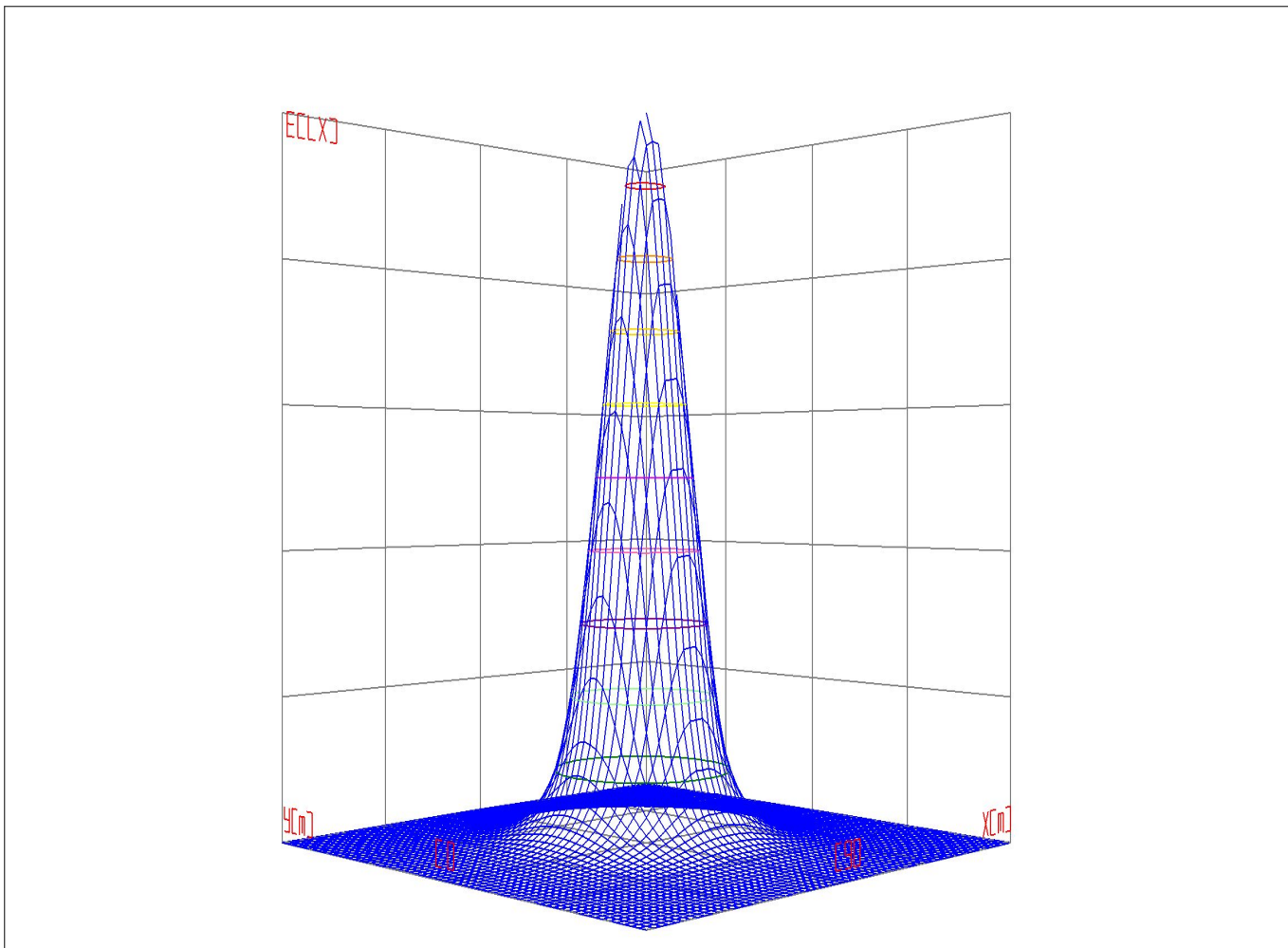
Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 15.95  
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

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**3D Plane ISO Illuminance Diagram**

Lum. Name: GLOW-1S-WH	Lum. Catalog:	Test ID:
Lamp Name: 3000K	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/10/22

**3D Plane Illuminance Modal**



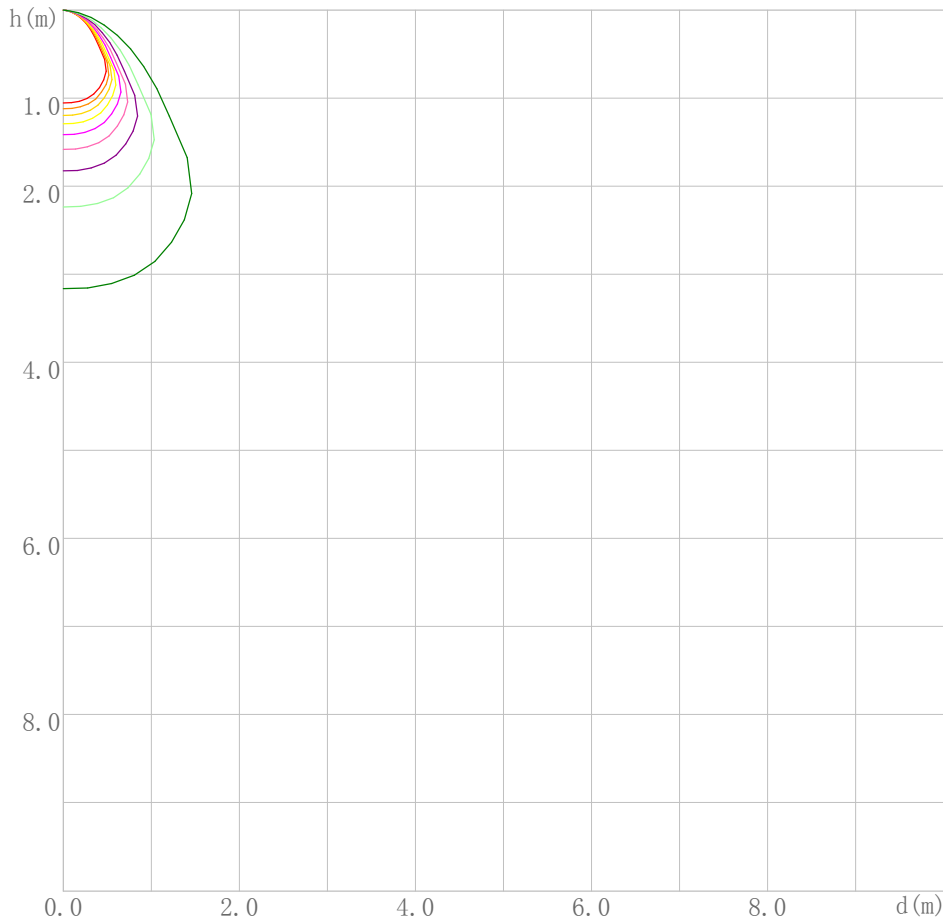
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0    Height(m): 3.0    Distance(m): 10.0

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### Space ISO Illuminance Diagram

Lum. Name: GLOW-1S-WH	Lum. Catalog:	Test ID:
Lamp Name: 3000K	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/10/22

Space ISO Illuminance Curve



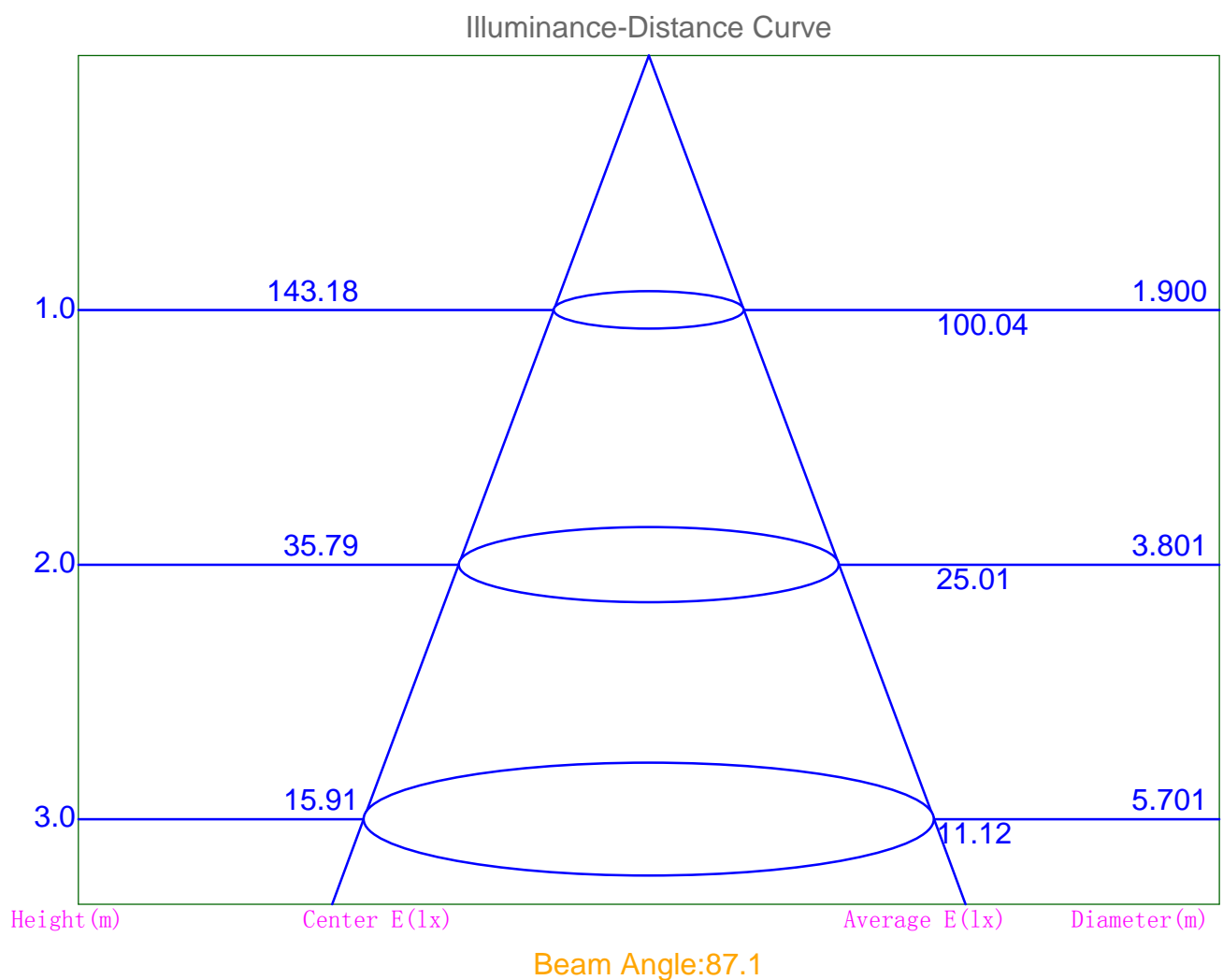
- Curves:  
unit:lx  
[EMax] =143.178
- [EMax\*90%]=128.860
  - [EMax\*80%]=114.542
  - [EMax\*70%]=100.225
  - [EMax\*60%]=85.907
  - [EMax\*50%]=71.589
  - [EMax\*40%]=57.271
  - [EMax\*30%]=42.953
  - [EMax\*20%]=28.636
  - [EMax\*10%]=14.318

Space Plane Maximum Illuminance and @Angle:143.18,0.0deg  
Plane Maximum Lighting Intensity and @Angle:144.518cd,0deg

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### Illuminance-Distance Diagram

Lum. Name: GLOW-1S-WH	Lum. Catalog:	Test ID:
Lamp Name: 3000K	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/10/22





**Indoor Luminance Limiting Curves**

Lum. Name: GLOW-1S-WH	Lum. Catalog:	Test ID:
Lamp Name: 3000K	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/10/22

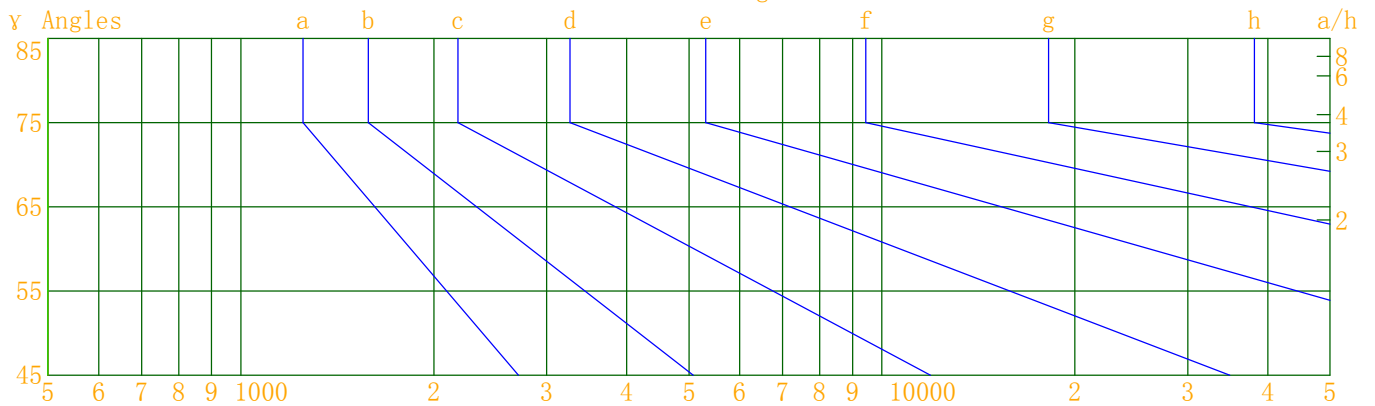
Glare Grade Table

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	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

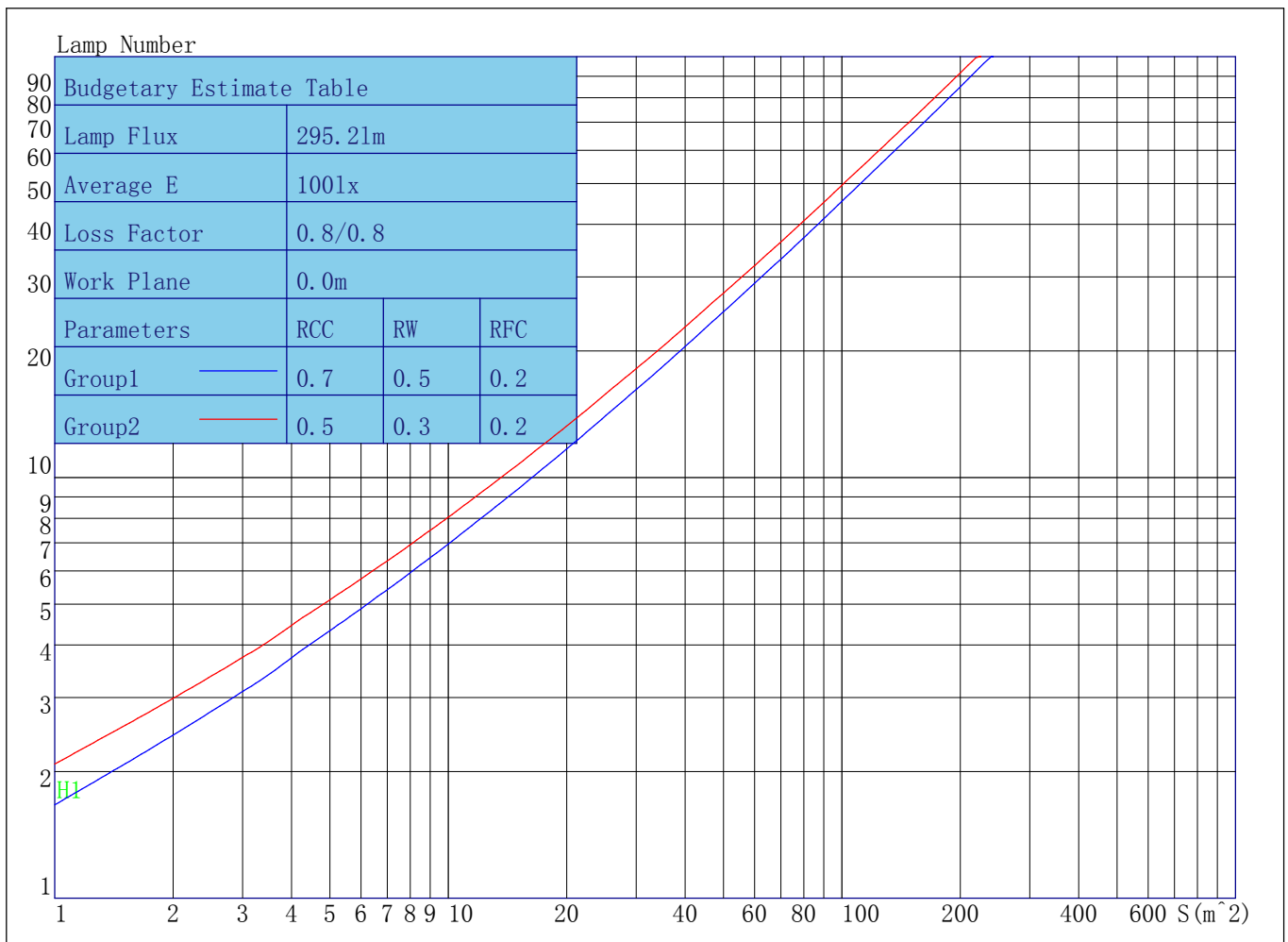
Luminance Limiting Curve



Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m^2)=0.000000  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

**Indoor Budgetary Estimate Table**

Lum. Name: GLOW-1S-WH	Lum. Catalog:	Test ID:
Lamp Name: 3000K	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/10/22



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

**Indoor Coefficient of Utilization Table**

Lum. Name: GLOW-1S-WH	Lum. Catalog:	Test ID:
Lamp Name: 3000K	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/10/22

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	111	107	104	100	108	105	102	99	100	98	95	96	94	92	93	91	90	87
2	103	96	90	86	100	94	89	85	90	86	82	87	84	80	84	81	79	77
3	95	86	79	74	93	85	78	73	82	76	72	79	74	71	76	73	69	67
4	88	78	70	65	86	77	70	64	74	68	63	72	67	62	70	65	61	60
5	82	71	63	57	80	70	62	57	68	61	56	66	60	56	64	59	55	53
6	76	65	57	51	74	64	56	51	62	55	50	60	54	50	59	53	49	47
7	71	59	51	46	70	58	51	46	57	50	45	55	49	45	54	49	45	43
8	67	54	47	41	65	54	46	41	52	46	41	51	45	41	50	45	41	39
9	62	50	43	38	61	50	43	38	49	42	37	47	41	37	46	41	37	35
10	59	47	39	35	58	46	39	34	45	39	34	44	38	34	43	38	34	32

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**Unified Glare Rating Table**

Lum. Name: GLOW-1S-WH	Lum. Catalog:	Test ID:
Lamp Name: 3000K	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/10/22

**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	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=3H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=4H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=6H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=8H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=12H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
X=4H Y=2H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=3H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=4H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=6H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=8H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=12H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
X=8H Y=4H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=6H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=8H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=12H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
X=12H Y=4H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=6H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Y=8H	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$	-1. \$
Variations with the objverver position at spacings										
S=1.0H	-1. \$/-1. \$					-1. \$/-1. \$				
S=1.5H	-1. \$/-1. \$					-1. \$/-1. \$				
S=2.0H	-1. \$/-1. \$					-1. \$/-1. \$				

**IES Indoor Report**  
**Photometric Filename:GLOW-1S-WH-3K.IES**

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**Candela Tabulation**

V/H	C0.0	C90.0	C180.0	C270.0
Y 0.0	143.18	143.18	143.18	143.18
Y 5.0	143.93	140.57	144.69	143.76
Y 10.0	144.52	137.85	146.16	145.60
Y 15.0	143.96	132.99	146.63	146.72
Y 20.0	140.46	125.57	144.41	146.04
Y 25.0	133.33	116.96	138.09	142.26
Y 30.0	124.79	107.82	129.64	134.82
Y 35.0	113.07	94.59	118.18	125.91
Y 40.0	89.46	68.12	98.42	113.12
Y 45.0	58.65	45.03	62.87	92.87
Y 50.0	42.68	32.81	45.49	61.03
Y 55.0	30.94	23.99	32.59	44.62
Y 60.0	22.23	17.64	23.21	32.59
Y 65.0	15.54	12.27	16.15	23.65
Y 70.0	10.27	7.95	10.73	16.78
Y 75.0	5.97	4.43	6.40	11.40
Y 80.0	2.43	1.69	2.80	7.20
Y 85.0	0.22	0.00	0.00	3.81
Y 90.0	0.00	0.00	0.00	0.32
Y 95.0	0.04	0.00	0.00	0.00
Y 100.0	0.00	0.00	0.00	0.00
Y 105.0	0.05	0.00	0.00	0.00
Y 110.0	0.53	0.00	0.00	0.00
Y 115.0	0.35	0.34	0.00	0.60
Y 120.0	0.41	0.77	0.00	0.98
Y 125.0	0.01	1.09	0.00	1.30
Y 130.0	0.17	1.43	0.00	1.54
Y 135.0	0.24	1.62	0.00	1.68
Y 140.0	0.38	1.78	0.12	1.90
Y 145.0	0.38	1.72	0.22	2.12
Y 150.0	0.50	1.74	0.32	2.12
Y 155.0	1.20	1.33	0.40	1.54
Y 160.0	1.27	1.17	0.69	1.41
Y 165.0	1.25	0.75	0.74	1.30
Y 170.0	0.82	0.70	0.77	0.76
Y 175.0	0.85	0.73	0.82	0.82
Y 180.0	0.85	0.85	0.85	0.85

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