

IES Indoor Report

Photometric Filename:BR6758-25W 4000K WH 1.IES

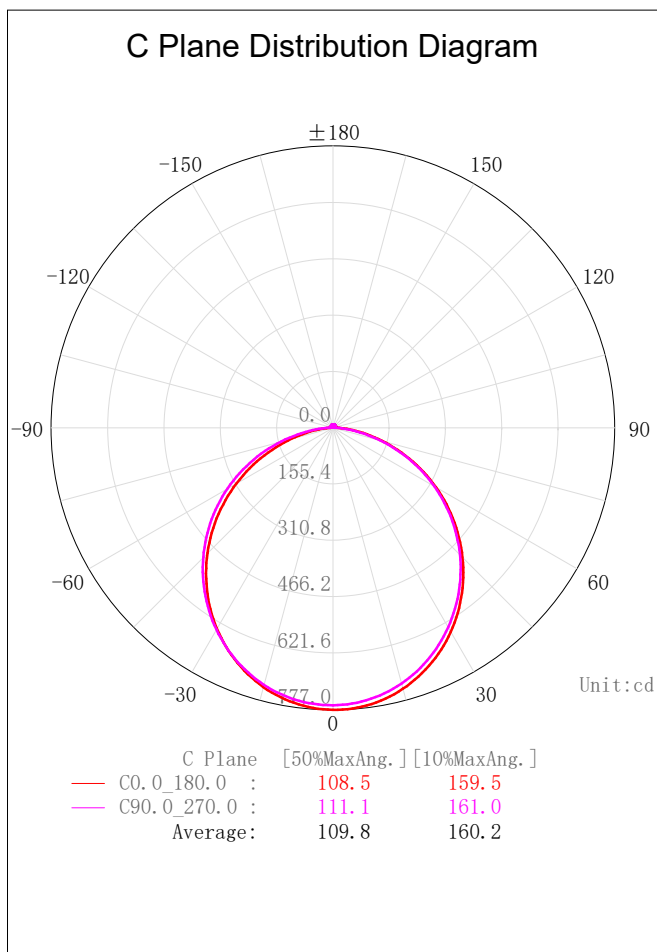
Indoor Luminaire Photometric Data

Description Information

Luminaire Name: BR6758-25W WH	Lum. Catalog: 线条灯	Test ID: t001
Lamp Name:	Lamp Catalog: SMD	Test Date: 2022/03/15
Manufacture: BARON	Shld. Ang(°):	Test Machine:GON-2000
Test Lab: volnic	Frequency(Hz):50.0	Lamp CCT(K): 4000 Ra: 80
Lum. Size (W*L*H):33mm*575mm*0mm	Lum. Area(m2):0.019	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ =1.0	Temp.(°C): 25
		Humidity(%): 40

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2163.213	Luminaire Flux(lm): 2163.213	Field Angle(10%Imax): 159.5(°)	
Rated Power(W):	Luminaire Efficiency: 100.00%	Down Lumens&Percent: 2124.266lm 98.20%	
Rated Voltage(V):	Luminaire EER(lm/W): 88.729	Up Lumens&Percent: 38.946lm 1.80%	
Tested Power(W): 24.380	Max. Candela(cd): 777.045	S/MH: C0_a180=1.233 C90_270=1.225	
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ =1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):220.0, 0.115, 0.963	Beam Angle(50%Imax): 108.5(°)	ErP Φ use(120°): 1686.916lm	
Lamp Size (W*L*H):33mm*575mm*0mm	Left=-53.4°, Right=55.1°	IRF(%): 111.403	



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Average brightness table(cd/m2)

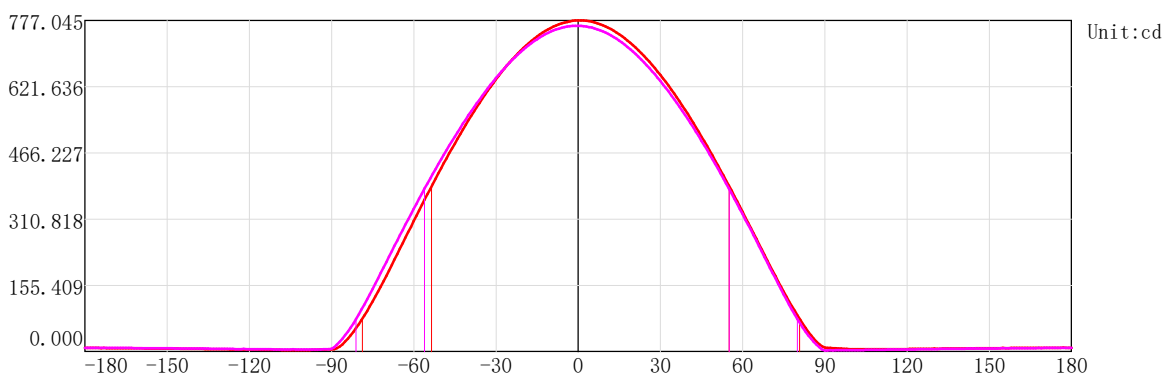
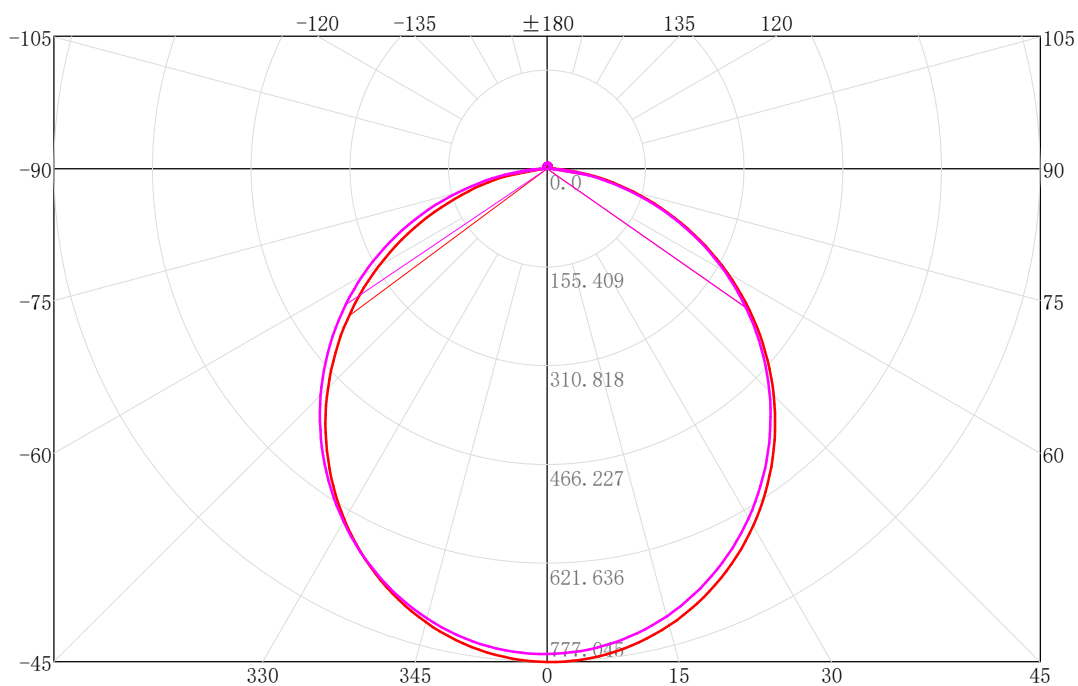
Angle value	Average	Average	Average
Y(°)	L0	L45	L90
45	37616	37266	36894
55	35788	35541	35188
65	33038	32762	32455
75	28677	27788	27333
85	23201	20891	18426



2D Plane Light Intensity Distribution Curve

Lum. Name: BR6758-25W WH	Lum. Catalog: 线条灯	Test ID: t001
Lamp Name:	Lamp Catalog: SMD	Test Lab: volnic
Manufacture: BARON	Test Machine:GON-2000	Test Date: 2022/03/15

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]
—	C0.0_180.0 :	108.5	159.5
—	C90.0_270.0 :	111.1	161.0
	Average:	109.8	160.2

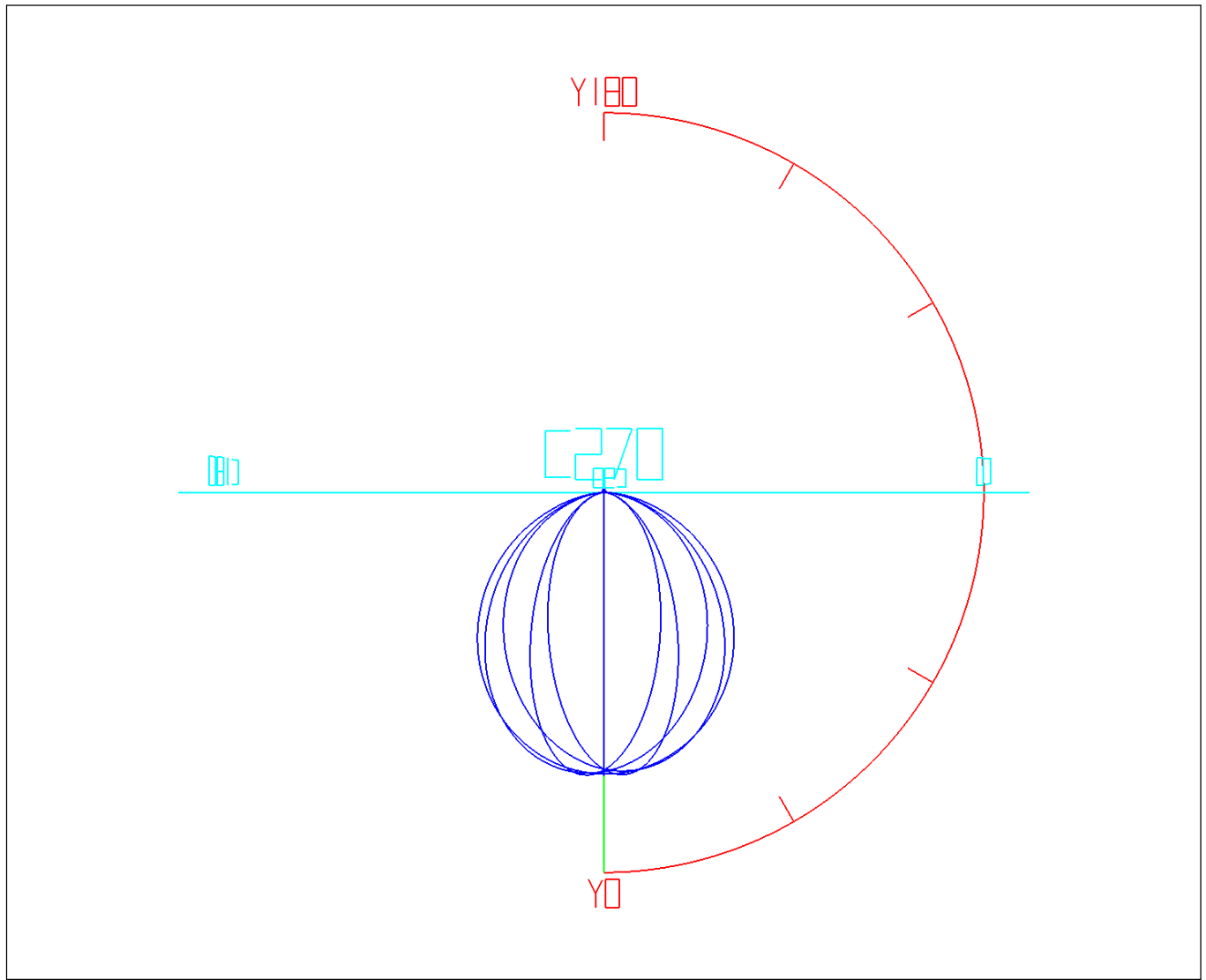
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3D Light Intensity Distribution Modal

Lum. Name: BR6758-25W WH	Lum. Catalog: 线条灯	Test ID: t001
Lamp Name:	Lamp Catalog: SMD	Test Lab: volnic
Manufacture: BARON	Test Machine: GON-2000	Test Date: 2022/03/15

3D Light Intensity Distribution Modal



Curves: 3D Model ——— Fixture ——— Vert. HUD ——— Hori. HUD ———
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

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Zonal Flux Tabulation

Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.73	0.73	0.03	0.03	47.0-48.0	37.95	1271.69	1.75	58.79
1.0-2.0	2.20	2.94	0.10	0.14	48.0-49.0	37.64	1309.33	1.74	60.53
2.0-3.0	3.67	6.60	0.17	0.31	49.0-50.0	37.27	1346.60	1.72	62.25
3.0-4.0	5.13	11.73	0.24	0.54	50.0-51.0	36.86	1383.47	1.70	63.95
4.0-5.0	6.58	18.31	0.30	0.85	51.0-52.0	36.40	1419.87	1.68	65.64
5.0-6.0	8.02	26.32	0.37	1.22	52.0-53.0	35.89	1455.76	1.66	67.30
6.0-7.0	9.45	35.77	0.44	1.65	53.0-54.0	35.33	1491.08	1.63	68.93
7.0-8.0	10.86	46.63	0.50	2.16	54.0-55.0	34.71	1525.80	1.60	70.53
8.0-9.0	12.26	58.89	0.57	2.72	55.0-56.0	34.06	1559.86	1.57	72.11
9.0-10.0	13.64	72.53	0.63	3.35	56.0-57.0	33.36	1593.21	1.54	73.65
10.0-11.0	15.00	87.53	0.69	4.05	57.0-58.0	32.61	1625.82	1.51	75.16
11.0-12.0	16.34	103.87	0.76	4.80	58.0-59.0	31.82	1657.65	1.47	76.63
12.0-13.0	17.65	121.53	0.82	5.62	59.0-60.0	30.99	1688.64	1.43	78.06
13.0-14.0	18.94	140.47	0.88	6.49	60.0-61.0	30.12	1718.76	1.39	79.45
14.0-15.0	20.20	160.67	0.93	7.43	61.0-62.0	29.20	1747.96	1.35	80.80
15.0-16.0	21.43	182.10	0.99	8.42	62.0-63.0	28.24	1776.20	1.31	82.11
16.0-17.0	22.63	204.72	1.05	9.46	63.0-64.0	27.25	1803.46	1.26	83.37
17.0-18.0	23.79	228.52	1.10	10.56	64.0-65.0	26.24	1829.70	1.21	84.58
18.0-19.0	24.93	253.45	1.15	11.72	65.0-66.0	25.19	1854.89	1.16	85.75
19.0-20.0	26.02	279.47	1.20	12.92	66.0-67.0	24.11	1878.99	1.11	86.86
20.0-21.0	27.08	306.54	1.25	14.17	67.0-68.0	23.00	1901.99	1.06	87.92
21.0-22.0	28.10	334.64	1.30	15.47	68.0-69.0	21.86	1923.85	1.01	88.93
22.0-23.0	29.07	363.71	1.34	16.81	69.0-70.0	20.70	1944.55	0.96	89.89
23.0-24.0	30.01	393.72	1.39	18.20	70.0-71.0	19.51	1964.06	0.90	90.79
24.0-25.0	30.90	424.63	1.43	19.63	71.0-72.0	18.32	1982.38	0.85	91.64
25.0-26.0	31.76	456.38	1.47	21.10	72.0-73.0	17.11	1999.49	0.79	92.43
26.0-27.0	32.56	488.95	1.51	22.60	73.0-74.0	15.90	2015.40	0.74	93.17
27.0-28.0	33.32	522.27	1.54	24.14	74.0-75.0	14.70	2030.10	0.68	93.85
28.0-29.0	34.03	556.30	1.57	25.72	75.0-76.0	13.50	2043.60	0.62	94.47
29.0-30.0	34.70	591.00	1.60	27.32	76.0-77.0	12.32	2055.91	0.57	95.04
30.0-31.0	35.32	626.32	1.63	28.95	77.0-78.0	11.14	2067.06	0.52	95.56
31.0-32.0	35.89	662.20	1.66	30.61	78.0-79.0	9.99	2077.05	0.46	96.02
32.0-33.0	36.40	698.61	1.68	32.29	79.0-80.0	8.86	2085.91	0.41	96.43
33.0-34.0	36.87	735.48	1.70	34.00	80.0-81.0	7.77	2093.68	0.36	96.79
34.0-35.0	37.29	772.77	1.72	35.72	81.0-82.0	6.73	2100.41	0.31	97.10
35.0-36.0	37.65	810.43	1.74	37.46	82.0-83.0	5.74	2106.16	0.27	97.36
36.0-37.0	37.97	848.39	1.76	39.22	83.0-84.0	4.81	2110.97	0.22	97.58
37.0-38.0	38.23	886.62	1.77	40.99	84.0-85.0	3.94	2114.91	0.18	97.77
38.0-39.0	38.44	925.06	1.78	42.76	85.0-86.0	3.14	2118.05	0.15	97.91
39.0-40.0	38.59	963.65	1.78	44.55	86.0-87.0	2.40	2120.45	0.11	98.02
40.0-41.0	38.69	1002.34	1.79	46.34	87.0-88.0	1.74	2122.19	0.08	98.10
41.0-42.0	38.74	1041.09	1.79	48.13	88.0-89.0	1.21	2123.40	0.06	98.16
42.0-43.0	38.74	1079.83	1.79	49.92	89.0-90.0	0.86	2124.27	0.04	98.20
43.0-44.0	38.69	1118.52	1.79	51.71	90.0-91.0	0.72	2124.99	0.03	98.23
44.0-45.0	38.58	1157.10	1.78	53.49	91.0-92.0	0.69	2125.67	0.03	98.26
45.0-46.0	38.43	1195.53	1.78	55.27	92.0-93.0	0.66	2126.34	0.03	98.30
46.0-47.0	38.21	1233.74	1.77	57.03	93.0-94.0	0.63	2126.97	0.03	98.32

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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	0.60	2127.57	0.03	98.35	141.0-142.0	0.50	2152.49	0.02	99.50
95.0-96.0	0.57	2128.14	0.03	98.38	142.0-143.0	0.49	2152.98	0.02	99.53
96.0-97.0	0.54	2128.68	0.03	98.40	143.0-144.0	0.48	2153.46	0.02	99.55
97.0-98.0	0.53	2129.21	0.02	98.43	144.0-145.0	0.47	2153.94	0.02	99.57
98.0-99.0	0.52	2129.73	0.02	98.45	145.0-146.0	0.47	2154.41	0.02	99.59
99.0-100.0	0.51	2130.24	0.02	98.48	146.0-147.0	0.46	2154.86	0.02	99.61
100.0-101.0	0.50	2130.74	0.02	98.50	147.0-148.0	0.45	2155.32	0.02	99.63
101.0-102.0	0.50	2131.24	0.02	98.52	148.0-149.0	0.44	2155.76	0.02	99.66
102.0-103.0	0.51	2131.75	0.02	98.55	149.0-150.0	0.43	2156.19	0.02	99.68
103.0-104.0	0.51	2132.26	0.02	98.57	150.0-151.0	0.42	2156.62	0.02	99.70
104.0-105.0	0.51	2132.77	0.02	98.59	151.0-152.0	0.41	2157.03	0.02	99.71
105.0-106.0	0.51	2133.29	0.02	98.62	152.0-153.0	0.40	2157.43	0.02	99.73
106.0-107.0	0.52	2133.80	0.02	98.64	153.0-154.0	0.39	2157.83	0.02	99.75
107.0-108.0	0.52	2134.32	0.02	98.66	154.0-155.0	0.38	2158.21	0.02	99.77
108.0-109.0	0.52	2134.84	0.02	98.69	155.0-156.0	0.37	2158.58	0.02	99.79
109.0-110.0	0.52	2135.36	0.02	98.71	156.0-157.0	0.36	2158.93	0.02	99.80
110.0-111.0	0.52	2135.89	0.02	98.74	157.0-158.0	0.34	2159.28	0.02	99.82
111.0-112.0	0.53	2136.42	0.02	98.76	158.0-159.0	0.33	2159.61	0.02	99.83
112.0-113.0	0.53	2136.95	0.02	98.79	159.0-160.0	0.32	2159.93	0.01	99.85
113.0-114.0	0.54	2137.48	0.02	98.81	160.0-161.0	0.31	2160.24	0.01	99.86
114.0-115.0	0.54	2138.02	0.02	98.84	161.0-162.0	0.29	2160.53	0.01	99.88
115.0-116.0	0.54	2138.56	0.02	98.86	162.0-163.0	0.28	2160.81	0.01	99.89
116.0-117.0	0.54	2139.10	0.02	98.89	163.0-164.0	0.27	2161.08	0.01	99.90
117.0-118.0	0.54	2139.64	0.03	98.91	164.0-165.0	0.25	2161.33	0.01	99.91
118.0-119.0	0.54	2140.18	0.03	98.94	165.0-166.0	0.24	2161.57	0.01	99.92
119.0-120.0	0.55	2140.73	0.03	98.96	166.0-167.0	0.22	2161.79	0.01	99.93
120.0-121.0	0.55	2141.28	0.03	98.99	167.0-168.0	0.21	2162.00	0.01	99.94
121.0-122.0	0.55	2141.83	0.03	99.01	168.0-169.0	0.19	2162.19	0.01	99.95
122.0-123.0	0.55	2142.38	0.03	99.04	169.0-170.0	0.18	2162.36	0.01	99.96
123.0-124.0	0.55	2142.92	0.03	99.06	170.0-171.0	0.16	2162.52	0.01	99.97
124.0-125.0	0.55	2143.47	0.03	99.09	171.0-172.0	0.14	2162.67	0.01	99.97
125.0-126.0	0.55	2144.02	0.03	99.11	172.0-173.0	0.13	2162.79	0.01	99.98
126.0-127.0	0.55	2144.56	0.03	99.14	173.0-174.0	0.11	2162.90	0.01	99.99
127.0-128.0	0.55	2145.11	0.03	99.16	174.0-175.0	0.09	2163.00	0.00	99.99
128.0-129.0	0.55	2145.66	0.03	99.19	175.0-176.0	0.08	2163.08	0.00	99.99
129.0-130.0	0.55	2146.20	0.03	99.21	176.0-177.0	0.06	2163.14	0.00	100.00
130.0-131.0	0.54	2146.75	0.03	99.24	177.0-178.0	0.04	2163.18	0.00	100.00
131.0-132.0	0.54	2147.29	0.02	99.26	178.0-179.0	0.03	2163.20	0.00	100.00
132.0-133.0	0.54	2147.83	0.02	99.29	179.0-180.0	0.01	2163.21	0.00	100.00
133.0-134.0	0.53	2148.36	0.02	99.31					
134.0-135.0	0.53	2148.89	0.02	99.34					
135.0-136.0	0.53	2149.42	0.02	99.36					
136.0-137.0	0.53	2149.94	0.02	99.39					
137.0-138.0	0.52	2150.47	0.02	99.41					
138.0-139.0	0.51	2150.98	0.02	99.43					
139.0-140.0	0.51	2151.49	0.02	99.46					
140.0-141.0	0.50	2151.99	0.02	99.48					

Conical surface Flux(90deg):1157.103
 %lm = 53.49
 %lamp = 53.49

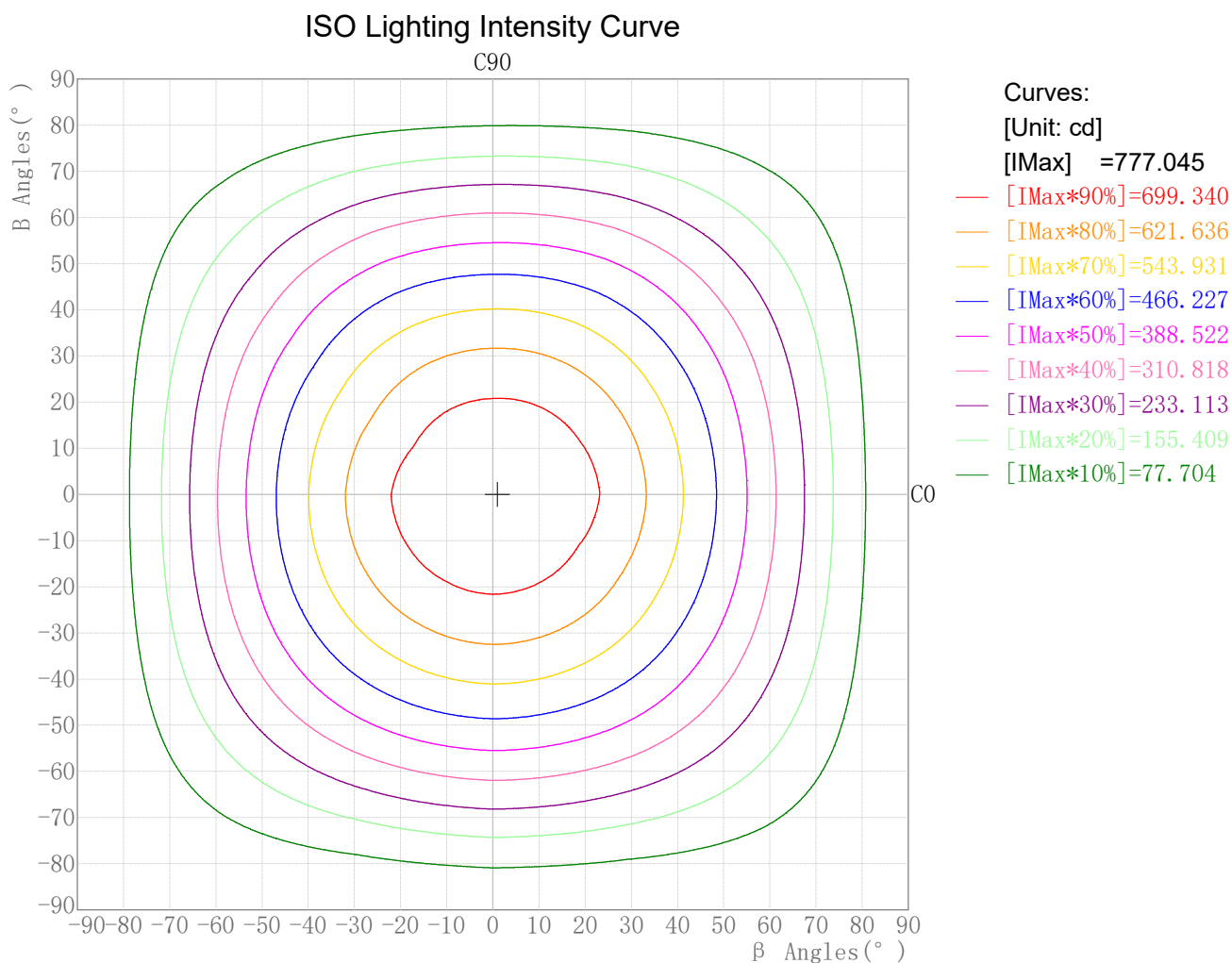
Conical surface Flux(120deg):1688.639
 %lm = 78.06
 %lamp = 78.06

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Rectangle ISO Lighting Intensity Diagram

Lum. Name: BR6758-25W WH	Lum. Catalog: 线条灯	Test ID: t001
Lamp Name:	Lamp Catalog: SMD	Test Lab: volnic
Manufacture: BARON	Test Machine:GON-2000	Test Date: 2022/03/15



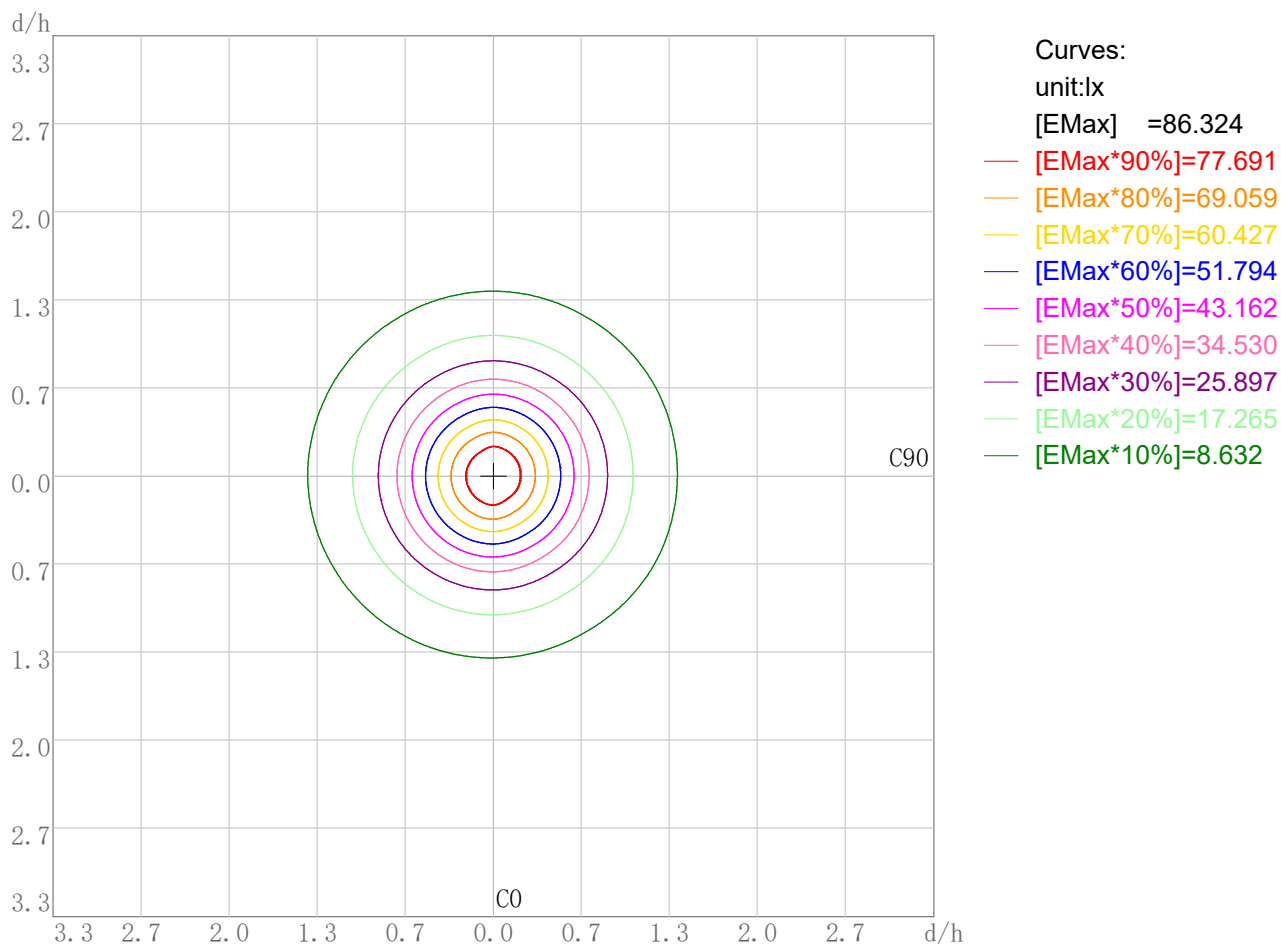
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Plane ISO-Illuminance Diagram

Lum. Name: BR6758-25W WH	Lum. Catalog: 线条灯	Test ID: t001
Lamp Name:	Lamp Catalog: SMD	Test Lab: volnic
Manufacture: BARON	Test Machine:GON-2000	Test Date: 2022/03/15

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 86.32

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

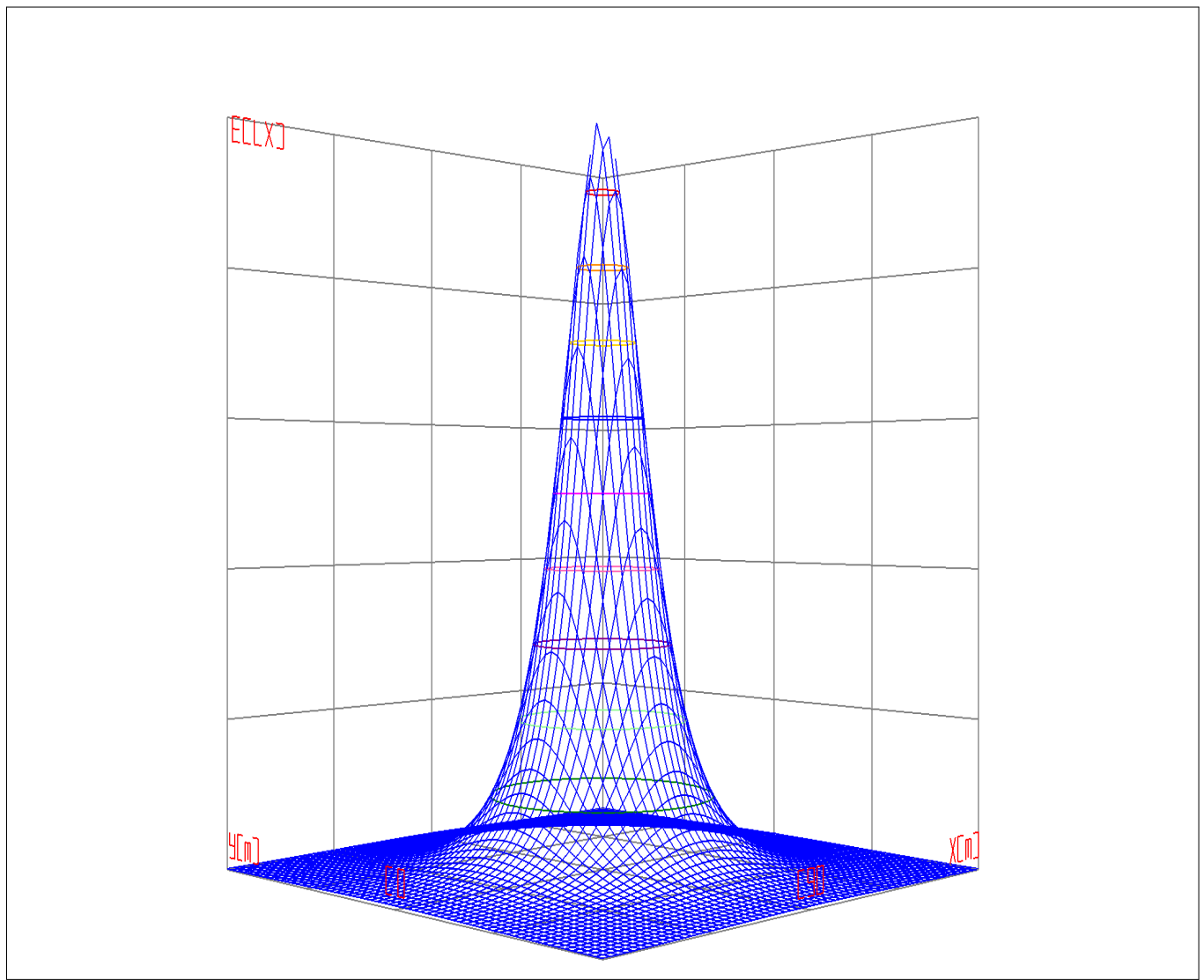
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3D Plane ISO Illuminance Diagram

Lum. Name: BR6758-25W WH	Lum. Catalog: 线条灯	Test ID: t001
Lamp Name:	Lamp Catalog: SMD	Test Lab: volnic
Manufacture: BARON	Test Machine:GON-2000	Test Date: 2022/03/15

3D Plane Illuminance Modal



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

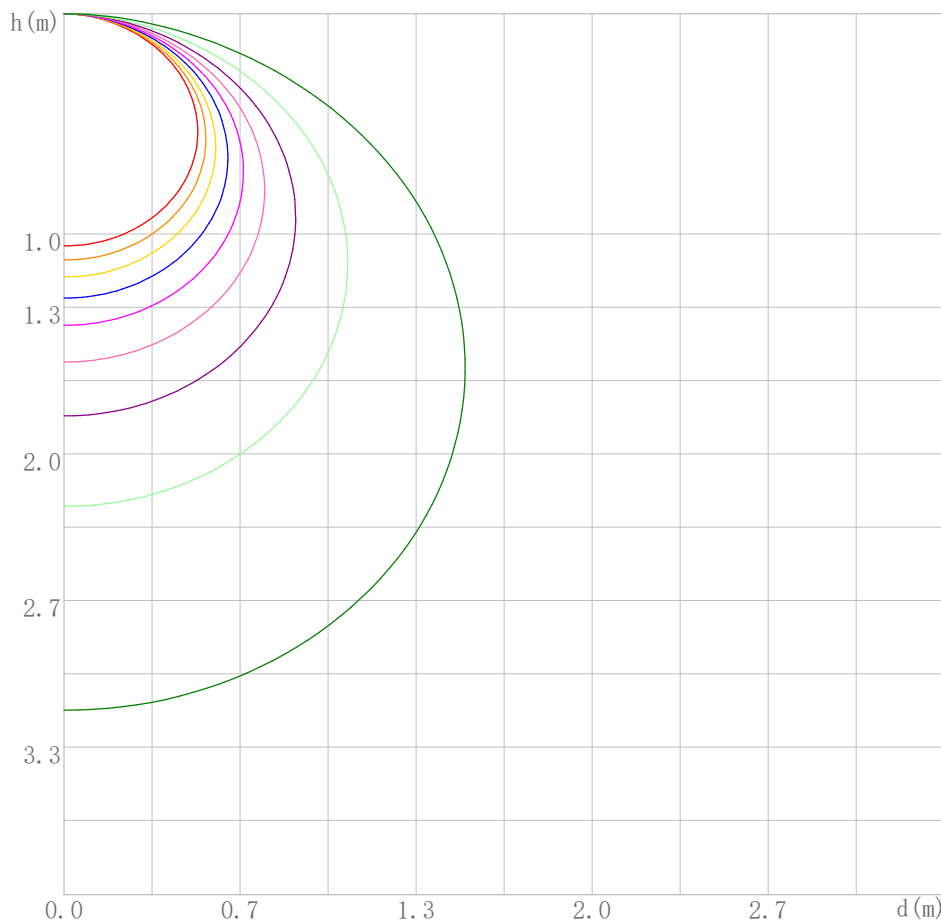
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Space ISO Illuminance Diagram

Lum. Name: BR6758-25W WH	Lum. Catalog: 线条灯	Test ID: t001
Lamp Name:	Lamp Catalog: SMD	Test Lab: volnic
Manufacture: BARON	Test Machine:GON-2000	Test Date: 2022/03/15

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =776.914

— [EMax*90%]=699.223

— [EMax*80%]=621.531

— [EMax*70%]=543.840

— [EMax*60%]=466.148

— [EMax*50%]=388.457

— [EMax*40%]=310.766

— [EMax*30%]=233.074

— [EMax*20%]=155.383

— [EMax*10%]=77.691

Space Plane Maximum Illuminance and @Angle:776.91lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:777.045cd,0deg

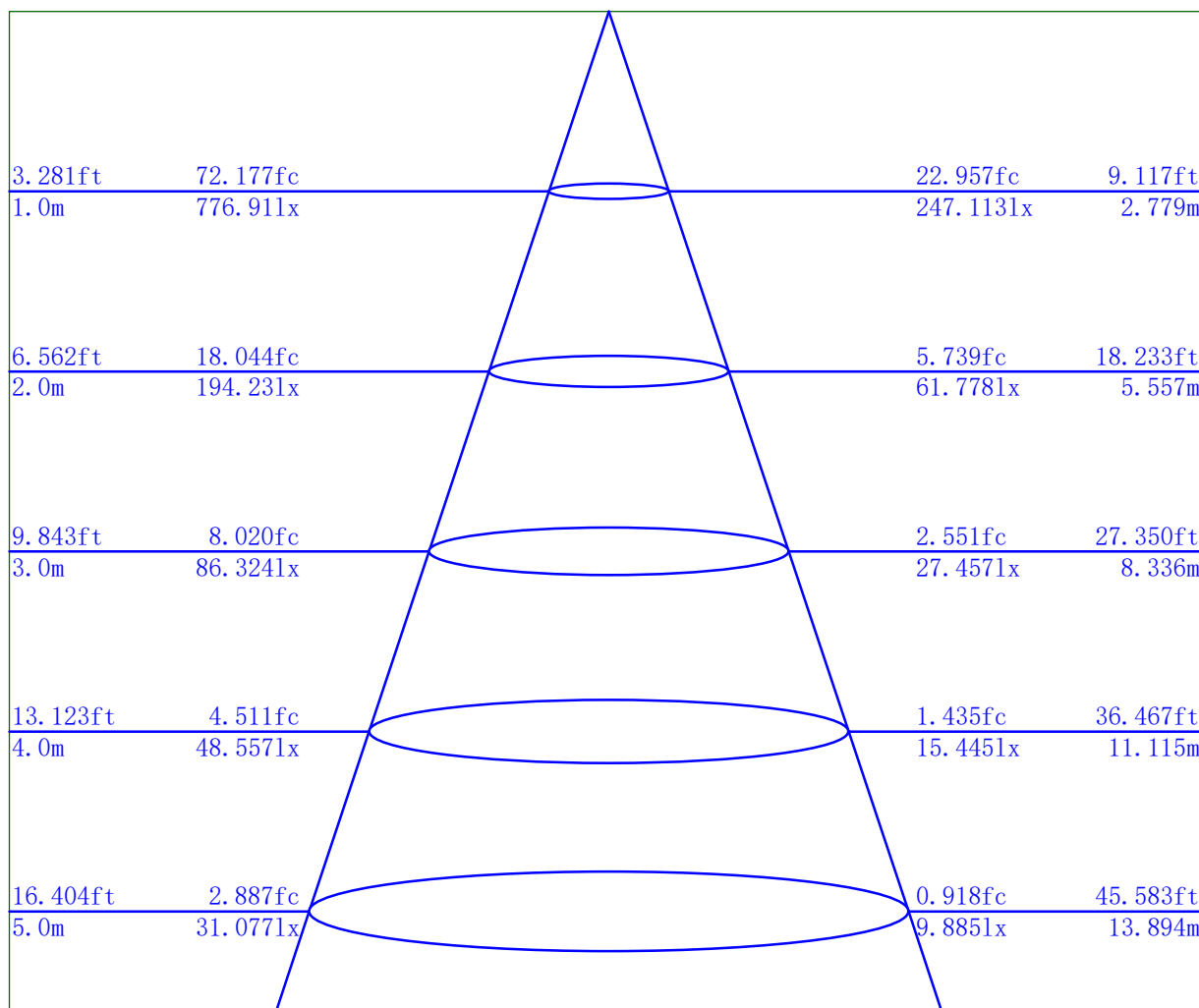
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Illuminance-Distance Diagram

Lum. Name: BR6758-25W WH	Lum. Catalog: 线条灯	Test ID: t001
Lamp Name:	Lamp Catalog: SMD	Test Lab: volnic
Manufacture: BARON	Test Machine: GON-2000	Test Date: 2022/03/15

Illuminance-Distance Curve



Height

Center E

Average E

Diameter

Beam Angle: 108.5

Indoor Luminance Limiting Curves

Lum. Name: BR6758-25W WH	Lum. Catalog: 线条灯	Test ID: t001
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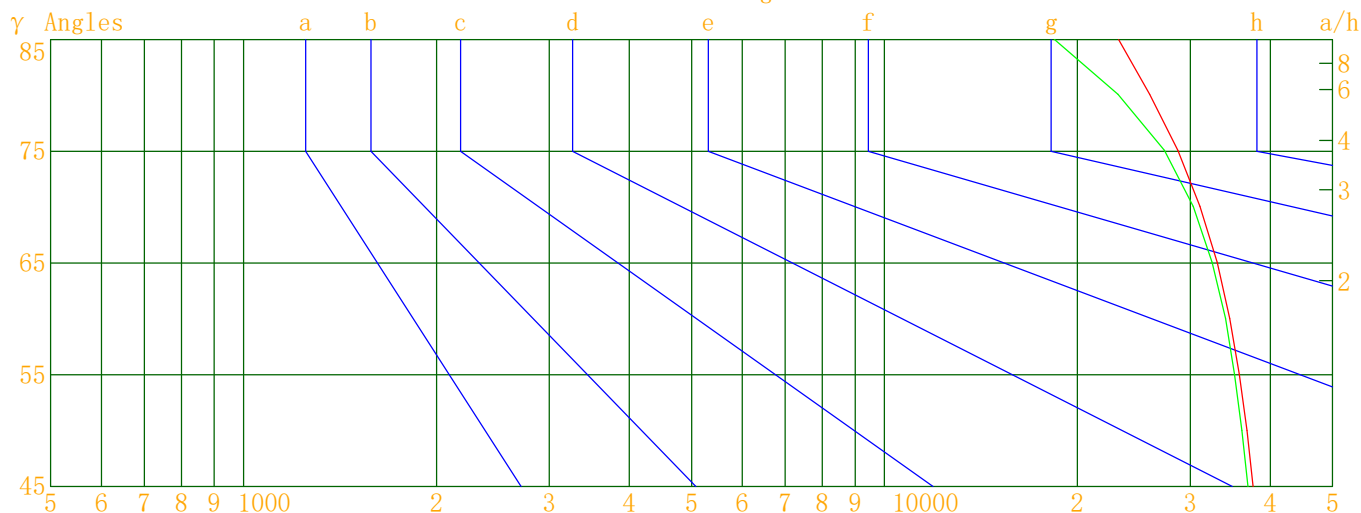
Glare Grade Table

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	37616	36764	35788	34575	33038	31079	28677	25932	23201
C90	36894	36126	35188	34042	32455	30313	27333	23153	18426

Luminance Limiting Curve



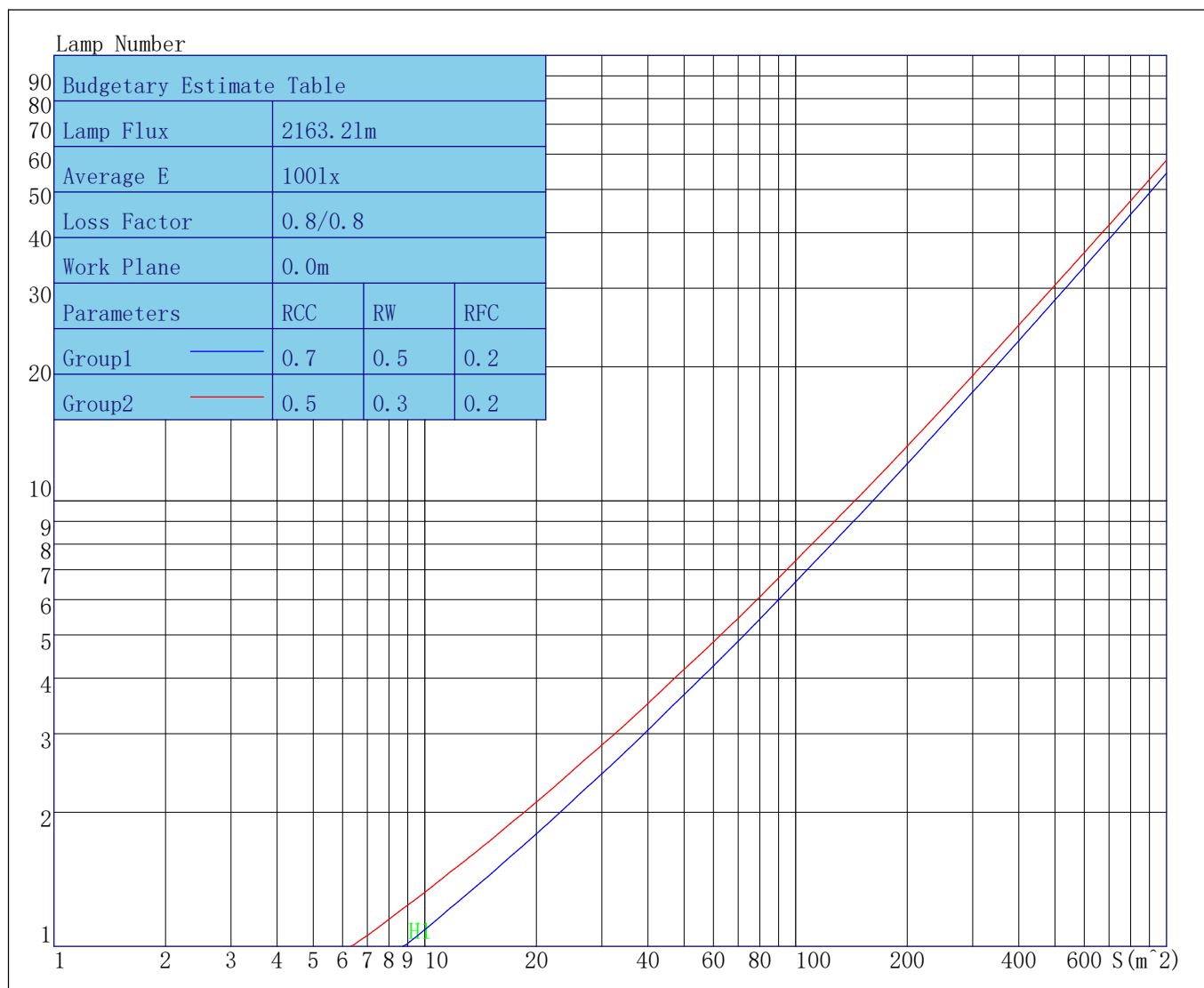
Luminous Size: Length(m)=0.575 Width(m)=0.033 Height(m)=0.000 Area(m²)=0.018975
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

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Indoor Budgetary Estimate Table

Lum. Name: BR6758-25W WH	Lum. Catalog: 线条灯	Test ID: t001
Lamp Name:	Lamp Catalog: SMD	Test Lab: volnic
Manufacture: BARON	Test Machine: GON-2000	Test Date: 2022/03/15



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
 Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
 Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

IES Indoor Report

Photometric Filename:BR6758-25W 4000K WH 1.IES

Indoor Coefficient of Utilization Table

Lum. Name: BR6758-25W WH	Lum. Catalog: 线条灯	Test ID: t001
Lamp Name:	Lamp Catalog: SMD	Test Lab: volnic
Manufacture: BARON	Test Machine:GON-2000	Test Date: 2022/03/15

Coefficients of Utilization - Zonal Cavity Method																					
Coef.	Effective Floor Cavity Reflectance RFC=0.20																				
RhoCC (%)	80				70				50				30				10				0
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Coefficient of Utilization (%)																				
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98			
1	108	104	99	96	106	101	97	94	97	93	91	92	90	87	89	87	85	82			
2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69			
3	90	79	71	65	87	78	70	64	74	68	63	71	66	61	69	64	60	58			
4	82	70	62	55	80	69	61	54	66	59	54	64	58	53	61	56	52	49			
5	76	63	54	47	73	62	53	47	59	52	46	57	51	46	55	49	45	43			
6	70	57	48	41	68	56	47	41	54	46	41	52	45	40	50	44	40	37			
7	65	51	43	36	63	50	42	36	49	41	36	47	40	35	46	40	35	33			
8	60	47	38	33	59	46	38	32	45	37	32	43	37	32	42	36	31	30			
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	27			
10	53	40	32	27	51	39	32	26	38	31	26	37	31	26	36	30	26	24			

IES Indoor Report

Photometric Filename:BR6758-25W 4000K WH 1.IES

Unified Glare Rating Table

Lum. Name: BR6758-25W WH	Lum. Catalog: 线条灯	Test ID: t001
Lamp Name:	Lamp Catalog: SMD	Test Lab: volnic
Manufacture: BARON	Test Machine:GON-2000	Test Date: 2022/03/15

Unified Glare Rating Table

Ceiling RCC	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
Wall RW	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
Floor RFC	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room Size	Vewed crosswise					Vewed endwise				
X=2H Y=2H	24.8	26.3	25.1	26.7	27.1	24.7	26.3	25.1	26.6	27.0
Y=3H	26.3	27.8	26.7	28.1	28.5	26.2	27.7	26.6	28.0	28.4
Y=4H	27.0	28.3	27.4	28.7	29.1	26.8	28.2	27.3	28.6	29.0
Y=6H	27.4	28.7	27.9	29.1	29.5	27.2	28.5	27.7	28.9	29.3
Y=8H	27.6	28.8	28.0	29.2	29.6	27.4	28.5	27.8	29.0	29.4
Y=12H	27.7	28.8	28.1	29.2	29.7	27.4	28.6	27.9	29.0	29.5
X=4H Y=2H	25.5	26.8	25.9	27.2	27.7	25.4	26.7	25.8	27.1	27.5
Y=3H	27.3	28.4	27.7	28.8	29.3	27.1	28.3	27.6	28.7	29.1
Y=4H	28.0	29.0	28.4	29.5	29.9	27.8	28.8	28.3	29.3	29.8
Y=6H	28.6	29.5	29.1	29.9	30.4	28.4	29.2	28.8	29.7	30.2
Y=8H	28.8	29.6	29.3	30.1	30.6	28.5	29.3	29.0	29.8	30.3
Y=12H	28.9	29.7	29.4	30.2	30.7	28.6	29.4	29.1	29.9	30.4
X=8H Y=4H	28.3	29.1	28.8	29.6	30.1	28.1	28.9	28.6	29.4	29.9
Y=6H	29.0	29.7	29.5	30.2	30.8	28.7	29.4	29.2	29.9	30.6
Y=8H	29.3	29.9	29.8	30.4	30.9	28.9	29.6	29.5	30.1	30.6
Y=12H	29.5	30.0	30.0	30.6	31.2	29.1	29.7	29.7	30.2	30.8
X=12H Y=4H	28.3	29.1	28.8	29.6	30.1	28.1	28.9	28.6	29.4	29.9
Y=6H	29.1	29.7	29.6	30.2	30.7	28.8	29.4	29.3	29.9	30.5
Y=8H	29.4	29.9	29.9	30.4	31.0	29.0	29.6	29.6	30.1	30.7
Variations with the objverver position at spacings										
S=1.0H	0.5/-0.5					0.6/-0.6				
S=1.5H	0.9/-0.9					1.0/-1.1				
S=2.0H	1.0/-1.3					1.1/-1.4				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	2.8					2.6				

Calculation is according to the CIE Pub.117, data has been corrected, refers to the lamp's lumen

IES Indoor Report

Photometric Filename:BR6758-25W 4000K WH 1.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
γ 0.0	776.91	770.09	766.39	764.52	763.77	763.36	776.91	770.09	766.39	764.52	763.77	763.36
γ 1.0	777.04	770.27	766.15	764.12	763.57	762.90	776.71	770.10	766.21	764.36	764.04	763.32
γ 2.0	776.76	769.78	765.94	763.62	762.99	762.11	776.02	769.45	765.76	764.24	763.68	763.13
γ 3.0	776.20	769.27	765.13	762.69	761.94	761.13	775.05	768.33	764.85	763.48	762.96	762.65
γ 4.0	775.23	768.27	764.05	761.60	760.80	759.81	773.67	767.13	763.80	762.59	762.16	761.88
γ 5.0	773.84	766.87	762.76	760.25	759.30	758.17	771.97	765.72	762.46	761.37	760.82	760.53
γ 6.0	772.48	765.10	761.15	758.34	757.32	756.27	770.21	763.76	760.63	759.83	759.34	759.03
γ 7.0	770.58	763.35	759.30	756.14	755.20	754.07	768.02	761.77	758.69	757.73	757.53	757.33
γ 8.0	768.38	761.08	756.77	753.96	752.72	751.47	765.38	759.30	756.24	755.94	755.48	755.22
γ 9.0	765.87	758.63	754.47	751.40	750.12	748.69	762.54	756.51	753.77	753.46	753.14	753.09
γ 10.0	763.02	755.80	751.54	748.32	747.19	745.67	759.37	753.60	751.05	750.81	750.54	750.26
γ 11.0	759.90	752.45	748.44	745.26	743.87	742.25	756.05	750.39	747.75	747.82	747.51	747.36
γ 12.0	756.49	749.26	745.15	741.88	740.49	738.68	752.21	746.63	744.25	744.53	744.14	743.87
γ 13.0	752.71	745.51	741.33	737.92	736.54	734.48	748.26	743.05	740.61	740.98	740.80	740.45
γ 14.0	748.82	741.37	737.26	733.90	732.40	730.25	744.13	738.79	736.64	737.17	736.97	736.58
γ 15.0	744.45	737.14	733.12	729.65	728.02	725.90	739.24	734.25	732.22	732.97	732.63	732.33
γ 16.0	740.04	732.53	728.50	724.96	723.37	720.96	734.28	729.74	727.99	728.75	728.41	728.03
γ 17.0	735.05	727.77	723.88	720.19	718.65	716.12	729.18	724.79	722.94	723.98	723.67	723.42
γ 18.0	730.04	722.64	718.77	714.95	713.49	710.70	723.73	719.72	717.98	719.06	718.91	718.55
γ 19.0	724.76	717.09	713.42	709.50	707.94	705.07	718.04	714.23	712.53	714.08	713.70	713.38
γ 20.0	718.93	711.64	707.92	704.03	702.40	699.28	712.20	708.06	706.93	708.65	708.32	707.94
γ 21.0	713.10	705.70	702.09	698.05	696.48	693.15	705.77	702.09	701.15	702.96	702.51	702.18
γ 22.0	707.08	699.46	696.19	692.00	690.19	686.73	699.48	695.83	695.27	697.12	696.57	696.55
γ 23.0	700.45	693.41	689.76	685.78	683.71	680.24	692.52	689.00	688.72	690.84	690.51	690.03
γ 24.0	694.04	686.66	683.11	679.03	677.15	673.35	685.48	682.46	682.26	684.54	684.11	683.49
γ 25.0	687.06	679.90	676.68	672.14	670.43	666.27	678.42	675.61	675.48	678.00	677.45	676.96
γ 26.0	679.97	672.77	669.43	665.48	663.30	659.01	670.90	668.39	668.53	671.36	670.66	670.26
γ 27.0	672.82	665.36	662.08	658.04	655.84	651.22	663.35	660.70	661.18	664.04	663.38	662.98
γ 28.0	665.05	658.27	654.92	650.67	648.43	643.67	655.29	653.06	653.68	656.85	656.14	655.75
γ 29.0	657.24	650.21	647.02	642.91	640.57	635.83	647.17	645.26	646.06	649.51	648.67	648.32
γ 30.0	649.35	642.30	639.46	634.96	632.74	627.50	638.80	637.24	638.18	641.67	640.96	640.49
γ 31.0	641.07	634.34	631.29	627.22	624.71	619.32	629.99	628.85	629.93	633.72	632.80	632.41
γ 32.0	632.73	625.95	623.04	618.70	616.26	610.55	621.03	620.47	621.66	625.80	624.88	624.58
γ 33.0	624.09	617.20	614.75	610.04	607.73	602.18	612.22	611.60	613.27	617.32	616.27	616.14
γ 34.0	615.12	608.56	605.95	601.48	599.16	592.90	602.76	603.00	604.63	609.08	607.90	607.88
γ 35.0	605.93	599.60	597.12	592.61	590.04	583.72	593.40	593.51	595.78	600.20	599.32	599.00
γ 36.0	596.60	590.46	588.48	583.82	581.16	574.44	583.66	584.23	586.53	591.23	590.16	589.87
γ 37.0	586.94	581.01	579.38	574.52	571.83	564.74	573.51	574.92	577.55	582.60	581.40	580.90
γ 38.0	577.38	571.35	569.99	564.96	562.60	554.91	563.70	564.94	567.94	573.26	572.21	571.47
γ 39.0	567.34	561.79	560.48	555.75	552.89	545.21	553.25	554.88	558.23	563.77	562.61	561.79
γ 40.0	557.50	551.76	550.79	545.81	543.12	534.69	542.59	545.01	548.76	554.47	553.18	552.19
γ 41.0	547.10	541.33	541.33	535.86	533.39	524.49	532.29	534.60	538.66	544.55	543.30	542.24
γ 42.0	536.64	531.35	531.11	526.19	523.31	514.08	521.23	524.05	528.77	535.02	533.64	532.09
γ 43.0	526.22	520.75	520.92	515.74	512.92	503.49	510.62	513.77	518.38	524.86	523.70	521.95
γ 44.0	515.55	510.43	511.10	505.69	502.82	492.77	499.33	502.76	507.89	514.56	513.32	511.51
γ 45.0	504.71	499.54	500.47	495.02	492.13	481.67	488.11	492.08	497.77	504.55	503.13	501.11
γ 46.0	493.92	488.32	490.16	484.34	481.68	470.62	476.80	480.71	487.03	494.00	492.51	490.33

IES Indoor Report
Photometric Filename:BR6758-25W 4000K WH 1.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	482.67	477.55	479.44	473.82	471.09	459.35	465.25	469.60	475.90	483.33	481.85	479.42
γ 48.0	471.46	466.35	468.44	462.60	459.74	447.89	453.49	458.48	465.20	472.89	471.27	468.75
γ 49.0	460.06	454.83	457.52	451.49	448.85	436.32	441.89	446.88	453.93	461.76	460.36	457.63
γ 50.0	448.41	443.62	446.53	440.63	437.71	424.94	429.95	435.12	442.95	450.89	449.39	446.07
γ 51.0	437.14	431.99	435.07	429.24	426.02	413.00	418.31	423.59	431.37	439.95	438.20	435.01
γ 52.0	425.28	420.41	423.88	418.14	414.78	401.37	406.11	411.68	419.74	428.55	426.93	423.42
γ 53.0	413.42	408.41	412.37	406.45	403.04	389.32	393.65	400.11	408.35	417.52	415.65	412.13
γ 54.0	401.70	396.41	400.88	394.63	391.54	377.21	381.70	387.81	396.23	405.86	403.83	400.33
γ 55.0	389.51	384.75	388.88	382.97	379.44	365.19	369.10	375.45	384.34	394.25	391.80	388.42
γ 56.0	377.55	372.36	376.90	371.07	367.35	352.96	356.60	363.43	372.26	382.68	380.38	376.87
γ 57.0	365.10	359.95	365.15	359.10	355.36	340.51	344.33	351.04	360.17	370.79	368.19	364.58
γ 58.0	352.70	347.88	352.90	347.09	343.18	328.28	331.42	338.57	348.10	358.81	356.41	352.41
γ 59.0	340.69	335.55	340.54	334.90	330.61	315.67	318.80	326.55	335.44	347.04	344.20	340.45
γ 60.0	328.03	323.30	328.49	322.98	318.34	303.33	306.13	313.77	323.01	334.78	331.62	328.11
γ 61.0	315.31	310.49	315.83	310.33	305.71	290.46	293.15	301.31	310.43	322.83	319.59	315.99
γ 62.0	302.93	297.59	303.57	297.78	293.33	277.70	280.53	288.61	297.60	310.42	306.97	303.51
γ 63.0	290.03	285.36	290.78	285.75	280.50	265.26	267.43	275.47	284.83	297.89	294.17	290.55
γ 64.0	277.76	272.43	278.10	272.95	267.62	252.46	254.50	263.05	272.14	285.62	281.91	278.59
γ 65.0	264.94	259.67	265.77	260.26	255.31	239.42	241.85	250.52	259.28	273.14	269.23	265.97
γ 66.0	252.31	247.18	253.20	247.94	242.14	226.97	228.70	237.30	246.72	260.48	256.80	253.43
γ 67.0	239.78	234.40	240.12	234.91	229.42	214.08	216.08	224.80	233.64	248.18	243.90	240.96
γ 68.0	227.13	221.79	227.58	222.57	216.73	201.46	203.34	211.84	220.57	235.41	230.82	228.10
γ 69.0	214.08	208.99	214.58	209.79	203.67	188.84	190.16	199.34	207.98	223.05	218.49	215.73
γ 70.0	201.70	196.06	202.16	196.73	191.07	175.99	177.86	186.60	194.71	210.32	205.42	203.00
γ 71.0	189.14	183.73	189.17	184.26	178.07	163.70	164.98	173.78	181.71	197.23	192.47	190.48
γ 72.0	176.89	171.04	176.39	171.56	165.34	151.23	152.64	161.49	169.09	184.84	179.94	178.23
γ 73.0	164.45	158.49	163.80	158.93	153.01	139.05	140.89	148.99	156.34	172.01	166.96	165.71
γ 74.0	152.31	146.51	151.17	146.49	140.41	127.23	129.05	136.95	144.11	159.35	154.70	153.45
γ 75.0	140.83	134.33	138.61	134.23	127.95	115.74	117.85	125.39	131.45	147.18	141.98	141.38
γ 76.0	129.05	122.80	126.48	122.04	116.25	104.97	106.57	113.92	119.16	134.62	129.43	129.51
γ 77.0	117.80	111.46	114.47	110.26	104.17	93.97	95.58	103.12	107.50	122.85	117.60	118.32
γ 78.0	106.98	100.41	102.92	98.34	92.89	83.38	85.14	92.32	95.55	110.56	105.51	107.14
γ 79.0	95.99	89.80	91.41	87.38	81.63	73.48	74.70	81.85	84.23	98.89	93.83	96.32
γ 80.0	85.44	79.53	80.30	76.29	71.26	63.67	64.64	72.04	73.59	87.84	82.83	85.83
γ 81.0	75.29	69.55	69.90	65.70	61.65	54.19	55.60	62.32	63.30	76.67	72.04	75.78
γ 82.0	65.16	60.02	60.44	55.95	52.25	45.97	46.58	53.03	54.06	66.10	61.92	65.81
γ 83.0	55.87	50.89	51.15	46.86	43.84	37.81	38.44	44.71	45.21	56.45	52.46	56.61
γ 84.0	46.67	42.41	42.88	38.43	36.19	30.45	30.67	36.82	37.05	47.21	43.69	47.63
γ 85.0	38.37	34.09	35.01	30.47	28.68	23.72	23.68	29.66	29.60	38.83	35.80	39.34
γ 86.0	30.65	26.72	27.75	23.30	22.09	17.41	17.64	23.09	22.73	30.84	28.22	31.33
γ 87.0	23.58	20.18	20.91	16.69	15.75	12.12	12.02	17.04	16.32	23.42	21.36	24.18
γ 88.0	17.62	14.28	14.59	10.43	10.84	8.16	8.30	12.58	11.04	16.77	14.97	18.17
γ 89.0	12.57	9.71	10.00	5.24	8.00	6.16	6.30	10.20	6.47	10.83	9.16	12.81
γ 90.0	9.85	7.09	7.97	3.22	7.37	5.50	5.61	9.32	4.41	6.87	5.11	9.56
γ 91.0	8.99	6.38	7.64	3.26	7.13	5.62	5.64	8.84	4.29	6.16	3.84	8.29
γ 92.0	8.75	6.22	7.05	3.46	6.76	5.44	5.62	8.66	4.12	5.98	3.90	8.20
γ 93.0	8.41	6.03	6.52	3.32	6.37	5.31	5.39	8.26	3.88	5.74	3.60	7.81

IES Indoor Report
Photometric Filename:BR6758-25W 4000K WH 1.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	8.00	5.82	6.06	3.48	6.32	4.90	5.30	7.79	3.35	5.57	3.32	7.58
γ 95.0	7.64	5.30	6.08	3.57	5.82	4.66	4.88	7.34	3.27	5.54	3.26	7.08
γ 96.0	7.17	4.88	5.73	3.48	5.96	4.38	4.38	6.84	3.06	5.59	3.21	6.51
γ 97.0	6.82	4.42	5.76	3.54	5.71	3.91	4.37	6.33	3.07	5.50	3.33	6.05
γ 98.0	6.42	4.22	5.70	3.69	5.73	3.85	4.10	6.13	3.18	5.52	3.45	5.83
γ 99.0	6.08	4.27	5.70	3.76	5.77	3.79	3.86	5.80	3.22	5.43	3.46	5.71
γ 100.0	5.81	4.03	5.67	3.69	5.70	3.92	3.72	5.78	3.26	5.42	3.60	5.67
γ 101.0	5.78	3.87	5.58	3.67	5.77	3.76	3.75	5.56	3.65	5.39	3.49	5.47
γ 102.0	5.83	3.89	5.55	3.94	5.80	3.68	3.83	5.64	3.71	5.50	3.55	5.54
γ 103.0	5.85	4.20	5.74	3.97	5.76	3.79	3.69	5.70	3.63	5.47	3.66	5.49
γ 104.0	5.89	4.28	5.66	4.00	5.81	3.88	3.84	5.59	3.75	5.64	3.72	5.59
γ 105.0	5.77	4.32	5.72	4.22	5.84	4.17	3.93	5.64	3.89	5.53	3.79	5.54
γ 106.0	5.85	4.26	5.64	4.27	5.75	4.20	3.84	5.63	3.89	5.46	3.89	5.56
γ 107.0	5.87	4.32	5.80	4.28	5.88	4.44	4.07	5.84	3.94	5.57	3.96	5.58
γ 108.0	5.75	4.63	5.84	4.39	5.89	4.55	4.03	5.73	4.14	5.57	4.06	5.62
γ 109.0	5.85	4.52	5.72	4.39	5.82	4.39	4.24	5.74	4.07	5.61	4.08	5.50
γ 110.0	5.92	4.61	5.82	4.42	5.97	4.59	4.25	5.86	4.30	5.50	4.20	5.47
γ 111.0	5.99	4.73	5.89	4.58	5.95	4.77	4.34	5.68	4.37	5.50	4.18	5.65
γ 112.0	6.01	4.73	6.02	4.72	6.02	4.62	4.40	5.87	4.36	5.82	4.37	5.51
γ 113.0	6.06	5.07	5.93	4.89	6.08	4.88	4.48	5.78	4.51	5.80	4.45	5.66
γ 114.0	6.02	4.94	6.00	5.14	6.14	4.89	4.58	5.96	4.56	5.83	4.46	5.62
γ 115.0	6.12	4.95	6.20	5.09	6.24	5.04	4.71	6.10	4.53	5.78	4.72	5.73
γ 116.0	6.00	5.11	6.36	5.17	6.01	4.90	4.80	5.99	4.66	5.87	4.77	5.72
γ 117.0	6.24	5.09	6.22	5.13	6.40	5.15	4.91	6.16	4.83	5.98	4.85	5.85
γ 118.0	6.17	5.30	6.29	5.26	6.34	5.19	4.89	6.09	4.77	6.04	4.84	5.72
γ 119.0	6.35	5.41	6.47	5.37	6.38	5.35	5.01	6.00	4.75	6.13	4.91	6.03
γ 120.0	6.20	5.41	6.43	5.42	6.51	5.51	5.25	6.22	5.16	6.08	5.18	6.02
γ 121.0	6.49	5.62	6.45	5.35	6.57	5.33	5.25	6.39	5.05	6.02	5.12	6.14
γ 122.0	6.58	5.53	6.48	5.57	6.61	5.56	5.35	6.23	5.08	6.40	5.18	6.17
γ 123.0	6.59	5.91	6.65	5.47	6.69	5.88	5.13	6.25	5.27	6.32	5.25	6.15
γ 124.0	6.71	5.82	6.70	5.68	6.56	5.92	5.40	6.43	5.14	6.35	5.34	6.29
γ 125.0	6.58	5.91	6.71	5.73	6.68	5.81	5.55	6.54	5.33	6.35	5.43	6.25
γ 126.0	6.77	5.97	6.78	5.82	6.77	5.84	5.59	6.70	5.49	6.44	5.43	6.29
γ 127.0	6.83	6.10	6.84	6.17	6.88	6.05	5.61	6.58	5.45	6.49	5.51	6.40
γ 128.0	7.02	6.22	6.87	5.97	6.93	6.13	5.87	6.56	5.69	6.58	5.71	6.49
γ 129.0	7.01	6.30	6.91	6.16	6.96	6.22	5.74	6.76	5.70	6.66	5.83	6.58
γ 130.0	7.14	6.30	7.07	6.34	7.12	6.31	5.91	6.83	5.89	6.85	5.76	6.65
γ 131.0	7.06	6.48	7.25	6.37	6.99	6.18	6.01	6.97	5.83	6.91	5.98	6.64
γ 132.0	7.03	6.39	7.10	6.43	7.21	6.43	6.07	6.96	6.06	6.94	5.97	6.62
γ 133.0	7.22	6.54	7.39	6.51	7.23	6.53	6.19	6.93	6.03	6.80	6.02	6.77
γ 134.0	7.28	6.59	7.34	6.49	7.34	6.53	6.17	6.97	6.07	7.06	6.09	6.95
γ 135.0	7.33	6.76	7.26	6.59	7.44	6.65	6.30	7.25	6.29	7.18	6.22	6.90
γ 136.0	7.27	6.72	7.51	6.67	7.41	6.65	6.30	7.30	6.29	7.25	6.50	6.88
γ 137.0	7.51	6.85	7.45	6.84	7.64	6.82	6.44	7.33	6.47	7.32	6.58	7.13
γ 138.0	7.65	6.91	7.63	6.78	7.60	6.85	6.39	7.31	6.42	7.26	6.62	7.13
γ 139.0	7.52	6.78	7.49	6.99	7.72	7.01	6.66	7.45	6.42	7.17	6.53	7.10
γ 140.0	7.68	7.05	7.84	7.06	7.79	6.92	6.73	7.56	6.56	7.57	6.66	7.27

IES Indoor Report

Photometric Filename:BR6758-25W 4000K WH 1.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	7.64	7.20	7.74	6.99	7.80	7.07	6.76	7.55	6.66	7.38	6.70	7.42
γ 142.0	7.81	7.12	7.92	7.29	7.80	7.03	6.81	7.59	6.67	7.53	6.83	7.51
γ 143.0	7.92	7.36	7.79	7.23	7.90	7.27	6.99	7.60	6.81	7.43	6.87	7.51
γ 144.0	7.71	7.31	7.78	7.46	7.84	7.38	6.95	7.82	6.98	7.65	6.92	7.54
γ 145.0	7.90	7.28	7.99	7.41	7.91	7.19	7.07	7.84	6.97	7.64	6.99	7.49
γ 146.0	7.91	7.32	7.94	7.37	8.06	7.23	7.21	7.79	7.03	7.79	7.11	7.63
γ 147.0	7.97	7.54	7.98	7.70	8.08	7.52	7.27	7.98	7.13	7.78	7.05	7.66
γ 148.0	8.15	7.58	8.07	7.54	8.23	7.53	7.35	8.05	7.22	7.97	7.15	7.67
γ 149.0	8.18	7.56	8.08	7.62	8.25	7.43	7.35	8.15	7.40	7.89	7.30	7.89
γ 150.0	8.15	7.74	8.09	7.68	8.21	7.74	7.34	8.21	7.27	7.99	7.38	7.89
γ 151.0	8.40	7.77	8.24	7.72	8.43	7.78	7.41	8.00	7.48	8.09	7.37	7.92
γ 152.0	8.37	7.89	8.29	7.81	8.26	7.62	7.49	8.15	7.59	8.16	7.58	8.05
γ 153.0	8.40	7.76	8.39	7.82	8.38	7.79	7.57	8.18	7.59	8.08	7.68	7.98
γ 154.0	8.44	7.90	8.36	8.08	8.34	8.00	7.64	8.28	7.67	8.24	7.72	8.19
γ 155.0	8.70	8.05	8.34	8.03	8.40	8.05	7.70	8.47	7.57	8.30	7.70	8.10
γ 156.0	8.42	8.01	8.43	8.04	8.58	8.03	7.70	8.30	7.70	8.32	7.74	8.18
γ 157.0	8.61	8.04	8.52	8.06	8.56	8.05	7.78	8.40	7.96	8.30	7.67	8.33
γ 158.0	8.66	8.12	8.65	8.27	8.65	8.12	7.78	8.51	7.75	8.45	7.71	8.31
γ 159.0	8.69	8.36	8.61	8.18	8.63	8.22	8.04	8.60	7.98	8.46	7.82	8.26
γ 160.0	8.80	8.35	8.80	8.31	8.71	8.07	7.91	8.69	8.03	8.50	8.04	8.37
γ 161.0	8.86	8.37	8.71	8.24	8.74	8.27	8.06	8.66	7.93	8.47	7.91	8.61
γ 162.0	8.82	8.36	8.69	8.28	8.66	8.32	8.02	8.72	8.14	8.56	8.05	8.64
γ 163.0	8.80	8.34	8.66	8.36	8.80	8.26	8.28	8.70	8.22	8.66	8.10	8.63
γ 164.0	8.92	8.48	8.91	8.63	8.82	8.50	8.20	8.72	8.22	8.71	8.19	8.55
γ 165.0	8.93	8.63	8.90	8.47	8.86	8.33	8.12	8.90	8.34	8.76	8.27	8.57
γ 166.0	9.07	8.73	8.93	8.48	9.05	8.59	8.43	8.92	8.35	8.71	8.32	8.72
γ 167.0	9.05	8.73	8.81	8.59	9.29	8.59	8.36	8.74	8.46	8.85	8.39	8.76
γ 168.0	8.97	8.76	8.95	8.66	9.16	8.44	8.45	8.89	8.40	8.81	8.28	8.89
γ 169.0	9.05	8.83	8.83	8.63	9.19	8.66	8.45	8.96	8.45	8.89	8.44	8.83
γ 170.0	9.16	8.85	9.09	8.68	9.15	8.62	8.58	9.06	8.27	8.93	8.46	8.85
γ 171.0	9.20	8.80	9.04	8.67	9.28	8.72	8.54	8.93	8.49	9.13	8.54	8.75
γ 172.0	9.31	8.82	9.08	8.82	9.36	8.76	8.63	9.15	8.44	8.99	8.43	8.87
γ 173.0	9.27	8.76	9.14	8.78	9.22	8.74	8.74	9.22	8.58	8.96	8.73	9.07
γ 174.0	9.22	8.97	9.09	8.83	9.19	8.87	8.59	9.03	8.76	9.09	8.73	8.94
γ 175.0	9.31	8.83	9.11	8.86	9.25	8.84	8.74	9.36	8.59	8.99	8.46	8.95
γ 176.0	9.25	9.02	9.01	8.87	9.23	8.94	8.70	9.21	8.66	9.12	8.72	8.88
γ 177.0	9.46	8.97	9.14	8.84	9.27	8.83	8.67	9.17	8.56	9.21	8.64	8.88
γ 178.0	9.20	9.06	9.02	8.88	9.06	8.90	8.80	9.26	8.69	9.13	8.68	8.96
γ 179.0	9.22	9.08	9.22	8.96	9.32	8.99	8.73	9.25	8.73	9.12	8.60	8.94
γ 180.0	9.22	8.88	9.02	8.94	9.17	9.09	9.05	9.27	8.84	8.95	8.74	8.81
