

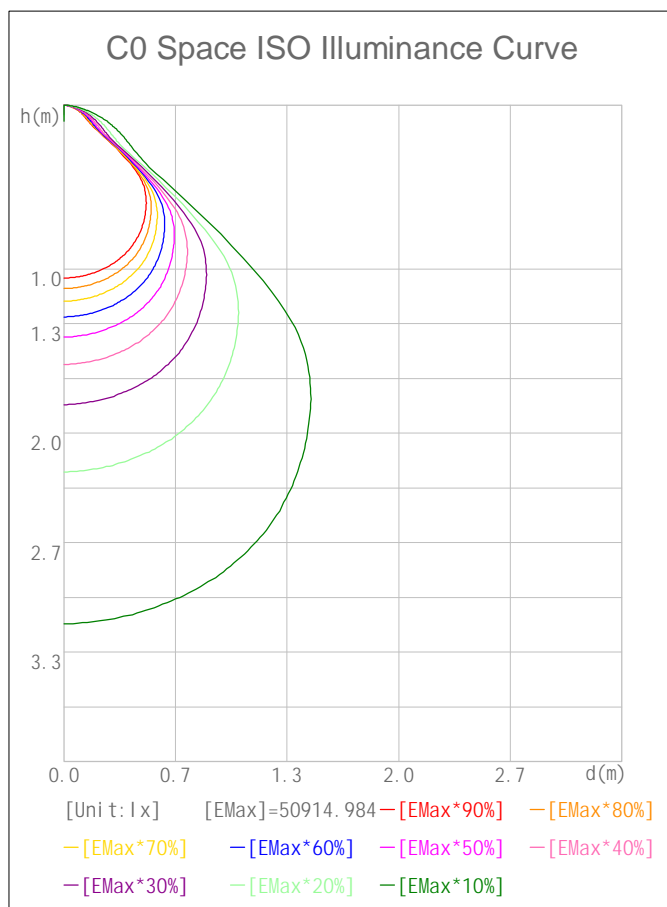
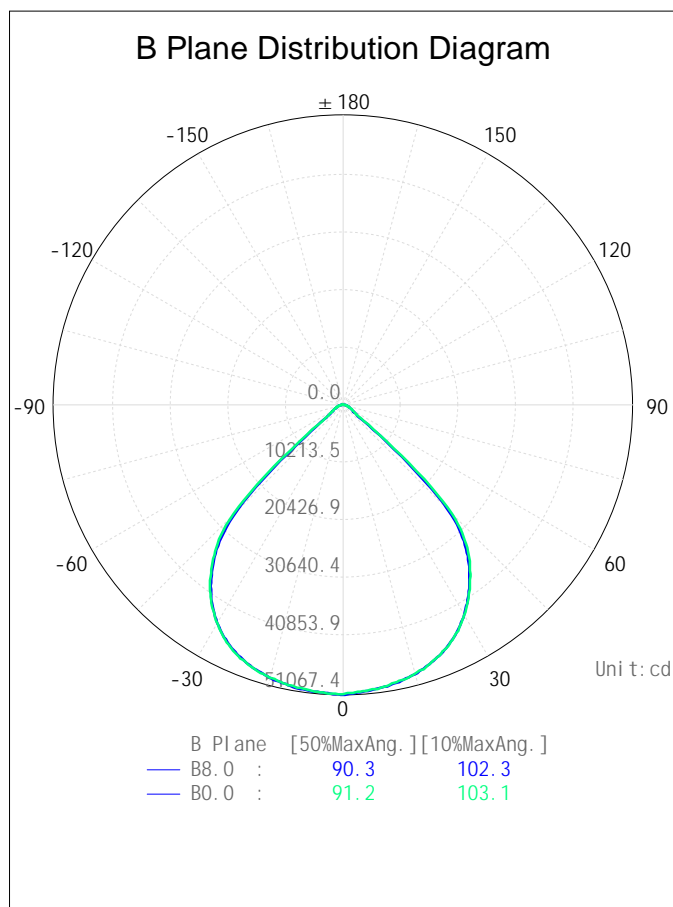
Flood Luminaire Photometric Data

Description Information

Luminary Name: SHARKLED600W		Lum. Catalog:	Test ID: SHARKLED600W
Lamp Name:		Lamp Catalog:	Test Date: 2023/6/21
Manufacture: BBT LIGHTING		Shld. Ang(°):	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(m ²): 0.000	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=45.0 γ=1.0	Temp.(°C): 25	Humidity(%): 50.0

Character Parameter

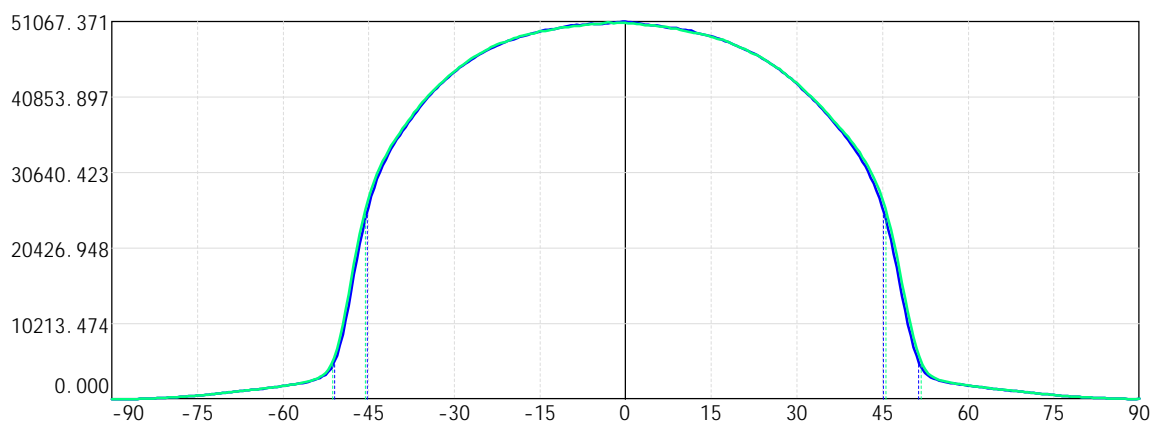
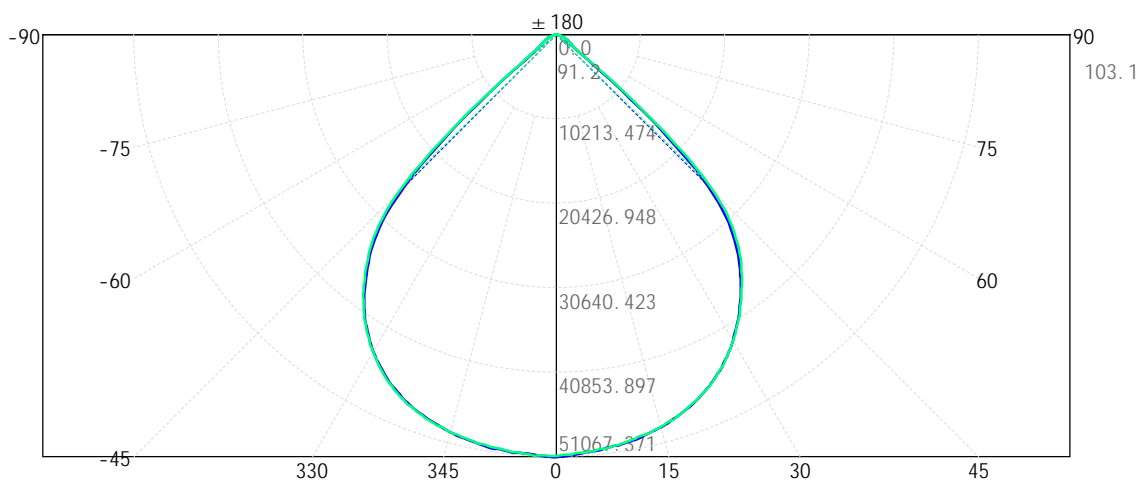
Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 89338.938	Luminary Flux(lm): 89331.930	Beam Lumens(lm): 78340.19
Rated Power(W):	Luminary Efficiency: 99.99%	Beam Efficiency(%): 87.70
Rated Voltage(V):	Luminary EER(lm/W): 152.444	Field Lumens(lm): 85306.03
Tested Power(W): 586.000	Max. Candela(cd): 51067.371	Field Efficiency(%): 95.49
Lamps' Inside: 1	Max Cand@Ang. (°): B=8.0 β=0.0	ErP φuse(120°): 87695.232lm
Tested Electrics(V, A, pf): 220.1, 0.448, 0.971	Beam Angle(50%)(V, H): 90.2(°), 89.6(°)	IRF(%): 128.782
Lamp Size(W*L*H): 0.000m*0.000m*0.000m	Field Angle(10%)(V, H): 104.0(°), 104.3(°)	



2D Plane Light Intensity Distribution Curve

Lum. Name: SHARKLED600W	Lum. Catalog:	Test ID: SHARKLED600W
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture: BBT LIGHTING	Test Machine: GON-2000	Test Date: 2023/6/21

B Plane Distribution Diagram



B Plane
 B8.0 :

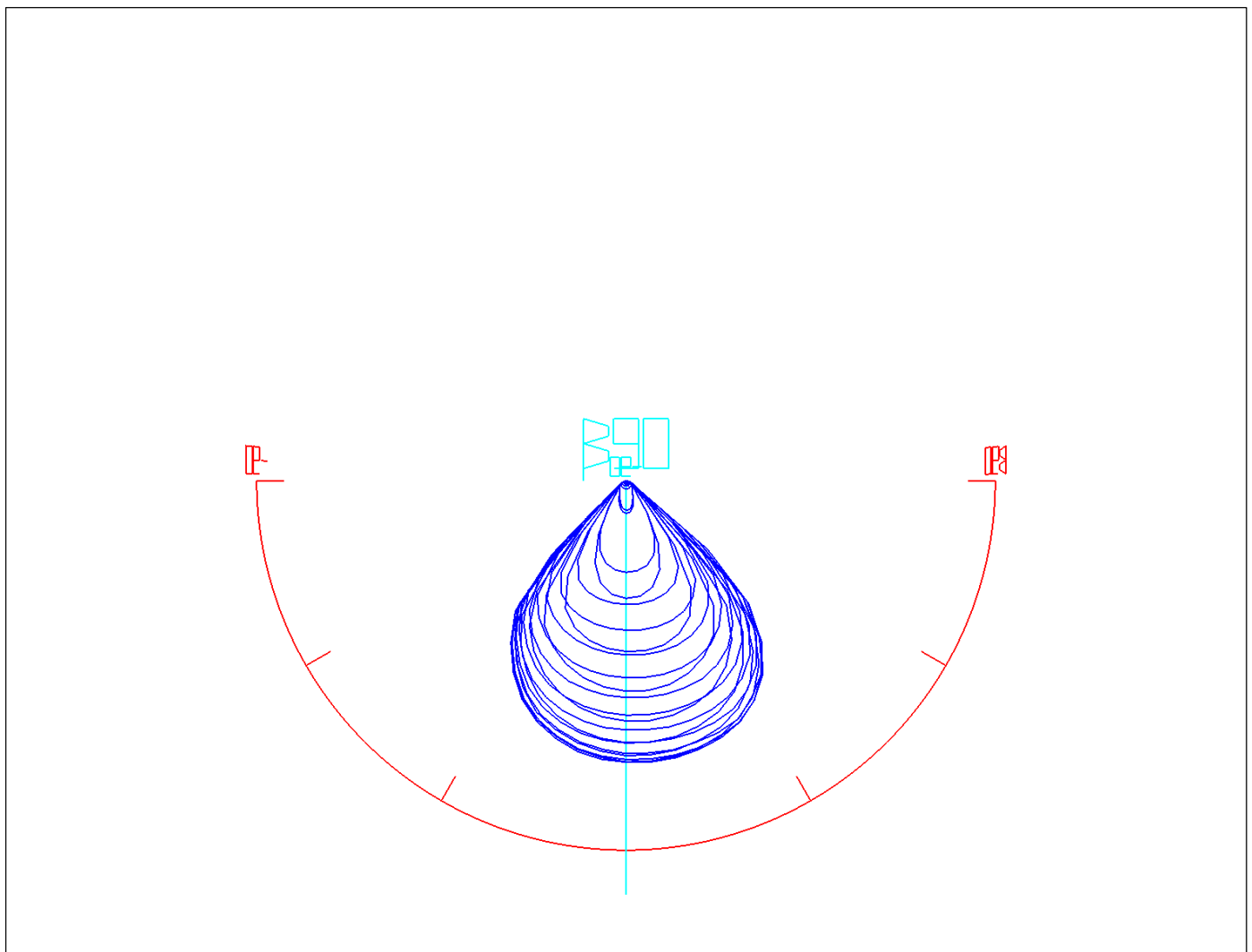
[50%MaxAng.]
 90.3

[10%MaxAng.] t:cd
 102.3

3D Light Intensity Distribution Modal

Lum. Name: SHARKLED600W	Lum. Catalog:	Test ID: SHARKLED600W
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture: BBT LIGHTING	Test Machine: GON-2000	Test Date: 2023/6/21

3D Light Intensity Distribution Modal



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

IES Flood Report

Photometric Filename:BBT600W.IES

Zone Lumens Tabulation - (Cont.)

	β -30.0	β -25.0	β -20.0	β -15.0	β -10.0	β -5.0	β 0.0	β 5.0	β 10.0	β 15.0	β 20.0	β 25.0	β 30.0
B-60.0													
B-55.0	9.44	10.50	11.34	11.92	12.19	12.12	12.13	12.23	11.99	11.44	10.64	9.62	
B-50.0	12.80	14.53	16.27	17.90	18.94	18.84	18.93	19.17	18.14	16.45	14.68	12.95	
B-45.0	19.32	29.40	45.83	63.03	74.80	77.37	77.18	74.40	62.92	46.47	30.45	19.91	
B-40.0	64.73	114.06	156.33	184.72	200.35	205.28	204.84	198.98	182.29	153.17	111.71	65.15	
B-35.0	162.75	206.25	232.27	248.38	257.14	259.37	258.92	255.82	246.37	229.59	202.33	157.90	
B-30.0	217.40	245.84	267.14	281.99	290.55	292.62	292.01	288.79	279.34	263.80	242.17	213.26	
B-25.0	244.64	273.24	294.95	310.27	319.21	321.69	320.91	316.93	306.71	290.51	268.63	239.94	
B-20.0	265.68	295.18	317.39	332.35	341.28	344.45	343.77	339.13	328.51	311.94	289.13	259.76	
B-15.0	282.08	311.38	332.85	347.31	356.88	360.71	360.07	354.91	343.82	327.55	304.47	274.80	
B-10.0	294.13	322.64	343.17	358.16	368.26	372.48	371.76	366.14	354.72	338.02	315.63	286.00	
B-5.0	302.38	330.24	350.81	365.97	376.46	380.32	379.45	373.93	362.41	345.56	322.99	293.63	
B0.0	307.26	335.14	355.73	370.48	380.37	385.34	384.56	378.08	366.70	350.04	327.28	297.86	
B5.0	309.15	337.12	357.80	372.34	381.94	387.32	386.33	379.66	368.49	351.96	329.12	299.57	
B10.0	308.21	336.21	357.16	372.28	382.07	387.09	386.22	379.51	368.41	351.52	328.53	298.83	
B15.0	304.32	332.82	354.31	369.88	380.16	385.43	384.64	377.71	365.75	348.42	324.98	294.69	
B20.0	297.04	326.68	348.86	365.10	375.88	381.81	381.01	373.47	360.81	342.33	318.22	286.68	
B25.0	285.02	316.71	340.25	357.54	369.26	375.81	374.95	366.61	352.74	333.03	306.72	273.87	
B30.0	266.02	300.28	325.95	344.46	357.15	364.51	363.51	354.07	339.00	317.71	289.42	254.46	
B35.0	239.08	274.82	303.17	324.05	337.99	345.72	344.53	334.37	317.98	294.75	264.39	227.04	
B40.0	194.92	238.66	269.41	292.18	307.89	316.77	315.56	304.30	286.26	261.28	229.10	186.66	
B45.0	108.60	173.22	216.76	244.61	262.46	272.43	271.30	259.22	239.74	211.31	168.62	105.70	
B50.0	31.94	66.28	113.88	156.21	185.53	202.44	201.97	184.27	154.58	112.31	65.04	30.96	
B55.0	16.75	20.78	28.45	41.50	56.86	68.98	68.87	56.55	41.05	27.97	20.34	16.36	
B60.0	13.08	14.82	16.51	18.11	19.51	20.49	20.45	19.41	17.96	16.32	14.63	12.92	
B65.0	10.41	11.68	12.82	13.79	14.54	15.02	15.01	14.50	13.74	12.76	11.62	10.36	
B70.0	7.99	8.96	9.83	10.56	11.13	11.51	11.50	11.12	10.56	9.83	8.96	8.01	
B75.0	5.51	6.26	6.92	7.48	7.91	8.20	8.21	7.93	7.52	6.98	6.35	5.64	
B80.0	2.91	3.39	3.83	4.20	4.48	4.68	4.70	4.54	4.28	3.95	3.54	3.08	
B85.0	1.08	1.32	1.55	1.76	1.94	2.09	2.11	1.98	1.82	1.63	1.42	1.19	
B90.0	0.17	0.22	0.28	0.34	0.39	0.44	0.44	0.40	0.35	0.29	0.24	0.19	
Total	33.09	40.95	51.47	73.03	137.13	254.66	390.27	519.11	638.73	752.84	861.09	962.52	

	β 30.0	β 35.0	β 40.0	β 45.0	β 50.0	β 55.0	β 60.0	β 65.0	β 70.0	β 75.0	β 80.0	β 85.0	β 90.0
B-90.0													
B-85.0	0.07	0.07	0.07	0.08	0.08	0.09	0.08	0.08	0.07	0.06	0.04	0.01	
B-80.0	0.22	0.20	0.18	0.17	0.17	0.15	0.13	0.11	0.08	0.05	0.03	0.01	
B-75.0	0.84	0.73	0.60	0.49	0.41	0.33	0.26	0.19	0.12	0.07	0.04	0.01	
B-70.0	2.18	1.90	1.56	1.20	0.89	0.65	0.46	0.31	0.19	0.10	0.04	0.01	
B-65.0	3.96	3.44	2.89	2.26	1.66	1.13	0.74	0.47	0.27	0.14	0.05	0.01	
B-60.0	6.07	5.24	4.36	3.43	2.56	1.78	1.13	0.67	0.38	0.18	0.06	0.01	
B-55.0	8.45	7.22	5.96	4.70	3.52	2.49	1.61	0.92	0.49	0.23	0.08	0.01	
B-50.0	11.26	9.53	7.70	6.03	4.54	3.22	2.10	1.22	0.62	0.28	0.09	0.02	
B-45.0	14.96	12.07	9.66	7.45	5.56	3.96	2.60	1.53	0.76	0.33	0.11	0.02	
B-40.0	30.18	16.29	11.80	8.98	6.62	4.69	3.10	1.83	0.92	0.39	0.12	0.02	
B-35.0	93.43	36.21	15.53	10.59	7.72	5.40	3.58	2.13	1.07	0.44	0.13	0.02	
B-30.0	166.50	91.57	29.74	12.82	8.79	6.11	4.03	2.41	1.22	0.49	0.15	0.02	

IES Flood Report
Photometric Filename:BBT600W.IES

Zone Lumens Tabulation - (Cont.)

	β 30.0	β 35.0	β 40.0	β 45.0	β 50.0	β 55.0	β 60.0	β 65.0	β 70.0	β 75.0	β 80.0	β 85.0	β 90.0
B-30.0	204.41	148.70	65.56	18.06	9.92	6.77	4.44	2.67	1.36	0.54	0.16	0.02	
B-25.0	224.93	181.87	108.47	31.43	11.27	7.38	4.80	2.90	1.48	0.59	0.17	0.02	
B-20.0	239.73	199.56	140.51	52.12	13.22	7.91	5.12	3.09	1.59	0.63	0.18	0.02	
B-15.0	250.58	210.65	159.50	73.06	16.21	8.37	5.39	3.24	1.67	0.67	0.19	0.02	
B-10.0	257.87	217.74	169.84	88.69	19.66	8.72	5.57	3.35	1.73	0.69	0.20	0.02	
B-5.0	261.83	221.50	174.71	97.26	22.13	8.95	5.69	3.42	1.77	0.71	0.20	0.02	
B0.0	263.30	222.55	175.37	98.37	22.35	8.98	5.72	3.44	1.79	0.71	0.20	0.02	
B5.0	262.22	220.75	171.90	92.01	20.20	8.84	5.67	3.42	1.78	0.71	0.20	0.02	
B10.0	257.56	215.22	163.47	78.27	16.81	8.56	5.55	3.36	1.74	0.69	0.20	0.02	
B15.0	248.73	205.11	147.77	57.95	13.74	8.18	5.35	3.25	1.68	0.67	0.19	0.02	
B20.0	234.78	188.89	120.38	35.66	11.77	7.72	5.10	3.10	1.61	0.64	0.18	0.02	
B25.0	213.95	161.98	78.51	19.89	10.46	7.21	4.80	2.92	1.51	0.60	0.17	0.02	
B30.0	182.39	112.10	36.20	13.76	9.41	6.65	4.45	2.71	1.39	0.55	0.16	0.02	
B35.0	121.04	47.53	17.26	11.48	8.46	6.05	4.07	2.46	1.25	0.50	0.14	0.02	
B40.0	43.23	18.57	13.03	9.98	7.53	5.42	3.65	2.20	1.10	0.44	0.13	0.02	
B45.0	17.94	13.66	10.99	8.68	6.60	4.77	3.20	1.90	0.94	0.39	0.11	0.02	
B50.0	13.64	11.38	9.35	7.44	5.67	4.10	2.73	1.59	0.78	0.33	0.10	0.01	
B55.0	11.19	9.47	7.80	6.22	4.75	3.41	2.22	1.26	0.63	0.27	0.08	0.01	
B60.0	9.02	7.66	6.33	5.04	3.81	2.68	1.68	0.94	0.49	0.21	0.07	0.01	
B65.0	6.99	5.94	4.89	3.83	2.80	1.87	1.16	0.68	0.35	0.15	0.05	0.01	
B70.0	4.88	4.08	3.25	2.42	1.70	1.15	0.74	0.43	0.23	0.11	0.04	0.01	
B75.0	2.58	2.08	1.60	1.20	0.87	0.59	0.38	0.23	0.14	0.07	0.03	0.01	
B80.0	0.96	0.73	0.52	0.37	0.28	0.21	0.15	0.11	0.08	0.05	0.03	0.01	
B85.0	0.14	0.09	0.05	0.04	0.05	0.06	0.06	0.06	0.06	0.05	0.04	0.01	
B90.0													
Total	1055.73	1141.03	1217.91	1285.93	1345.03	1395.42	1437.52	1471.83	1497.92	1515.39	1523.89	1523.06	

β 90.0	Total
B-90.0	0.23
B-85.0	0.32
B-80.0	0.62
B-75.0	1.39
B-70.0	2.74
B-65.0	5.14
B-60.0	8.76
B-55.0	13.49
B-50.0	19.04
B-45.0	25.17
B-40.0	31.73
B-35.0	38.66
B-30.0	46.38
B-25.0	54.73
B-20.0	64.48
B-15.0	79.28
B-10.0	122.86
B-5.0	243.75
B0.0	

IES Flood Report
Photometric Filename:BBT600W.IES

Zone Lumens Tabulation - (Cont.)

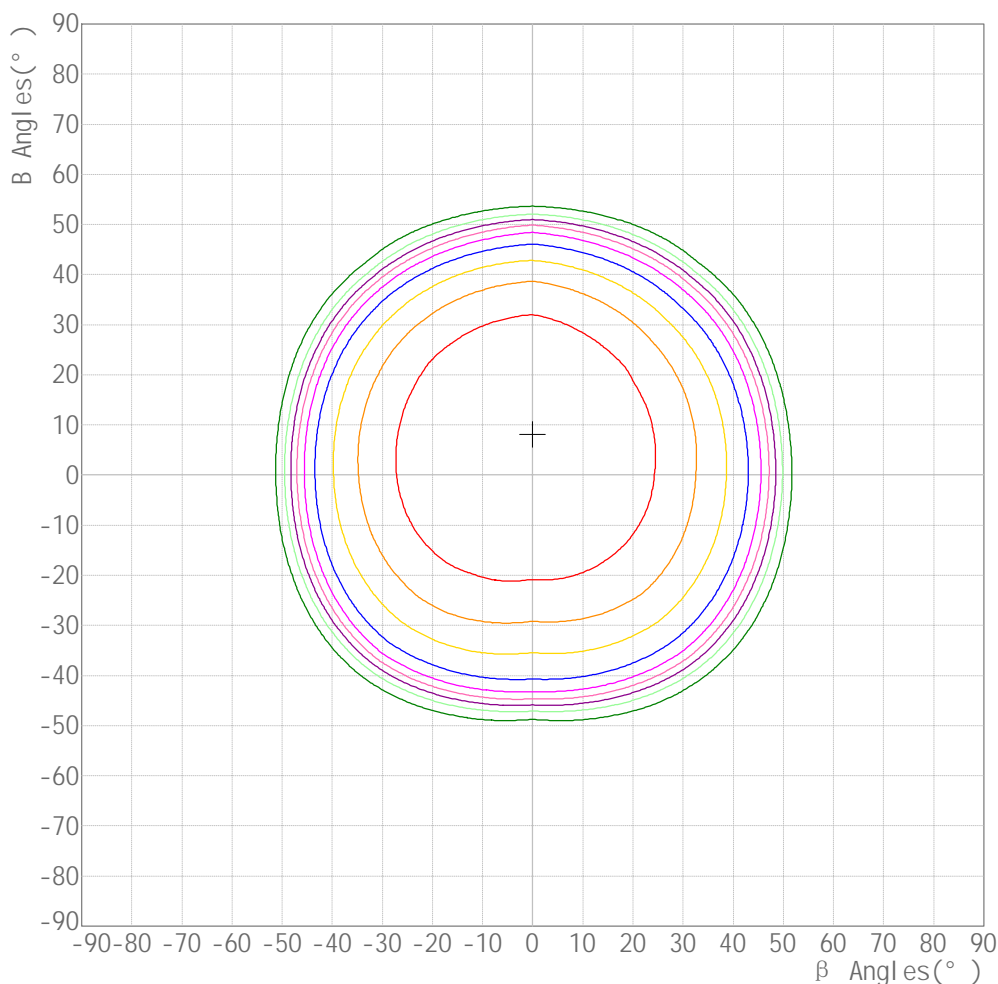
β 90.0	Total
B0.0	421.00
B5.0	585.81
B10.0	715.85
B15.0	823.28
B20.0	917.25
B25.0	1002.05
B30.0	1078.96
B35.0	1148.74
B40.0	1210.48
B45.0	1264.18
B50.0	1310.49
B55.0	1350.06
B60.0	1383.88
B65.0	1412.86
B70.0	1436.33
B75.0	1454.61
B80.0	1468.03
B85.0	1476.67
B90.0	
Total	89331.93



Rectangle ISO Lighting Intensity Diagram

Lum. Name: SHARKLED600W	Lum. Catalog:	Test ID: SHARKLED600W
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture: BBT LIGHTING	Test Machine: GON-2000	Test Date: 2023/6/21

ISO Lighting Intensity Curve



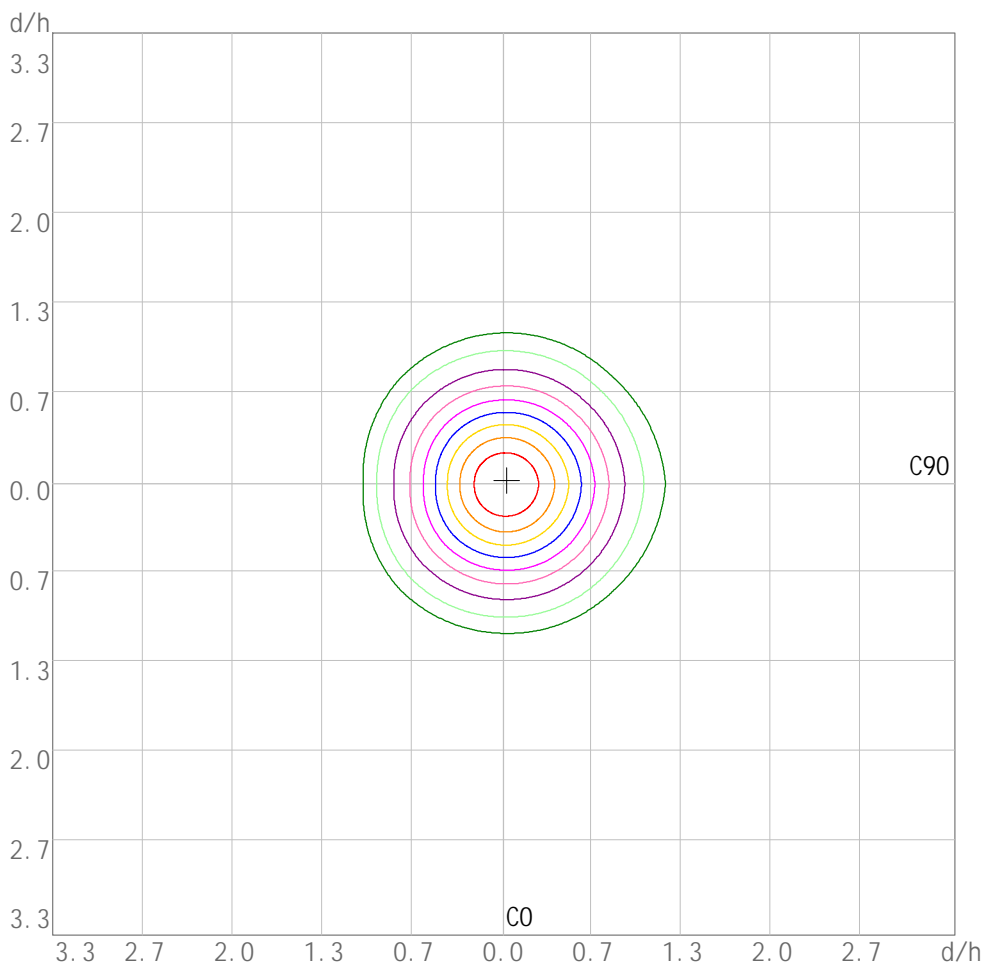
- Curves:
 [Unit: cd]
 [IMax] =51067.371
- [IMax*90%]=45960.634
 - [IMax*80%]=40853.897
 - [IMax*70%]=35747.160
 - [IMax*60%]=30640.423
 - [IMax*50%]=25533.686
 - [IMax*40%]=20426.948
 - [IMax*30%]=15320.211
 - [IMax*20%]=10213.474
 - [IMax*10%]=5106.737

Maximum Light Intensity(cd): 51067.37
 Maximum Cand. @Angle: H=0.0°,V=8.0°

Plane ISO-Illuminance Diagram

Lum. Name: SHARKLED600W	Lum. Catalog:	Test ID: SHARKLED600W
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture: BBT LIGHTING	Test Machine: GON-2000	Test Date: 2023/6/21

Plane ISO-Illuminance Curve



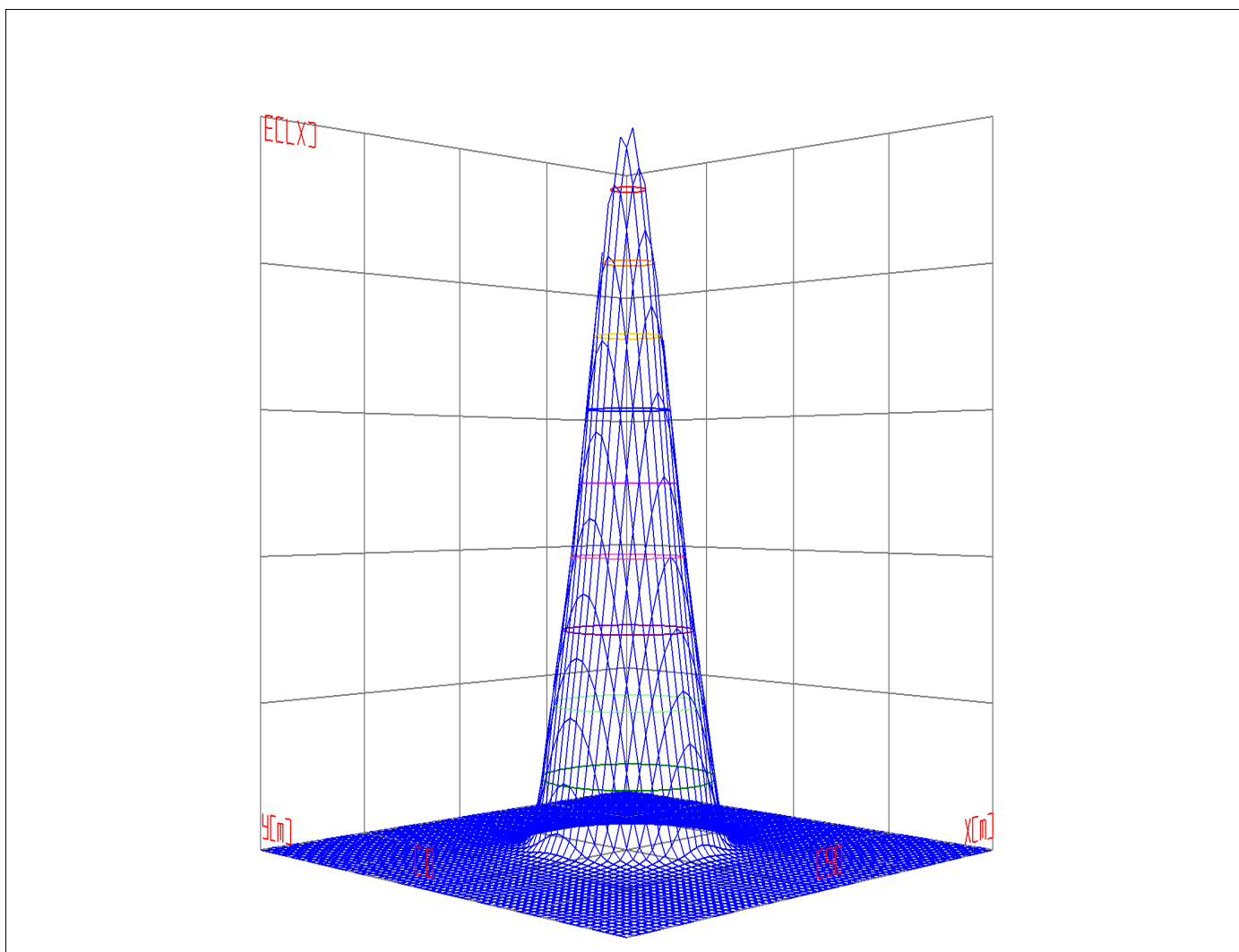
- Curves:
unit:lx
[EMax] =5661.832
- [EMax*90%]=5095.649
 - [EMax*80%]=4529.466
 - [EMax*70%]=3963.282
 - [EMax*60%]=3397.099
 - [EMax*50%]=2830.916
 - [EMax*40%]=2264.733
 - [EMax*30%]=1698.550
 - [EMax*20%]=1132.366
 - [EMax*10%]=566.183

Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 5661.83
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name: SHARKLED600W	Lum. Catalog:	Test ID: SHARKLED600W
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacturer: BBT LIGHTING	Test Machine: GON-2000	Test Date: 2023/6/21

3D Plane Illuminance Modal

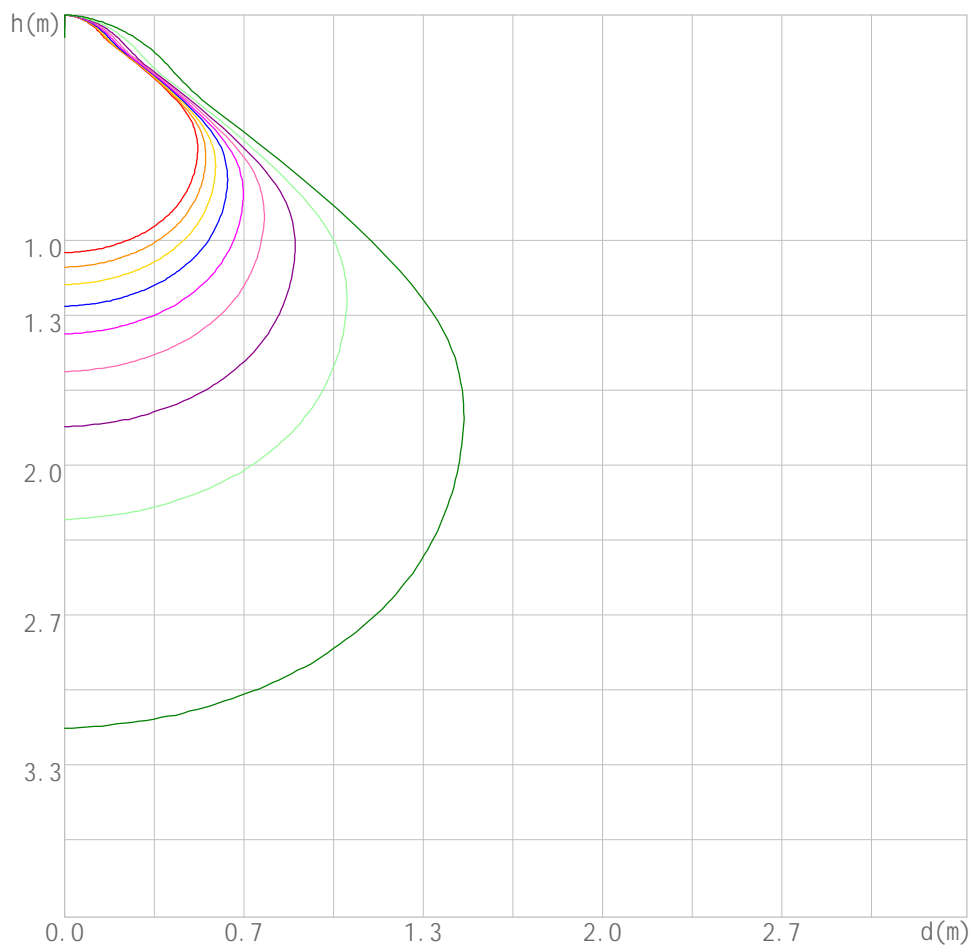


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: SHARKLED600W	Lum. Catalog:	Test ID: SHARKLED600W
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture: BBT LIGHTING	Test Machine: GON-2000	Test Date: 2023/6/21

Space ISO Illuminance Curve



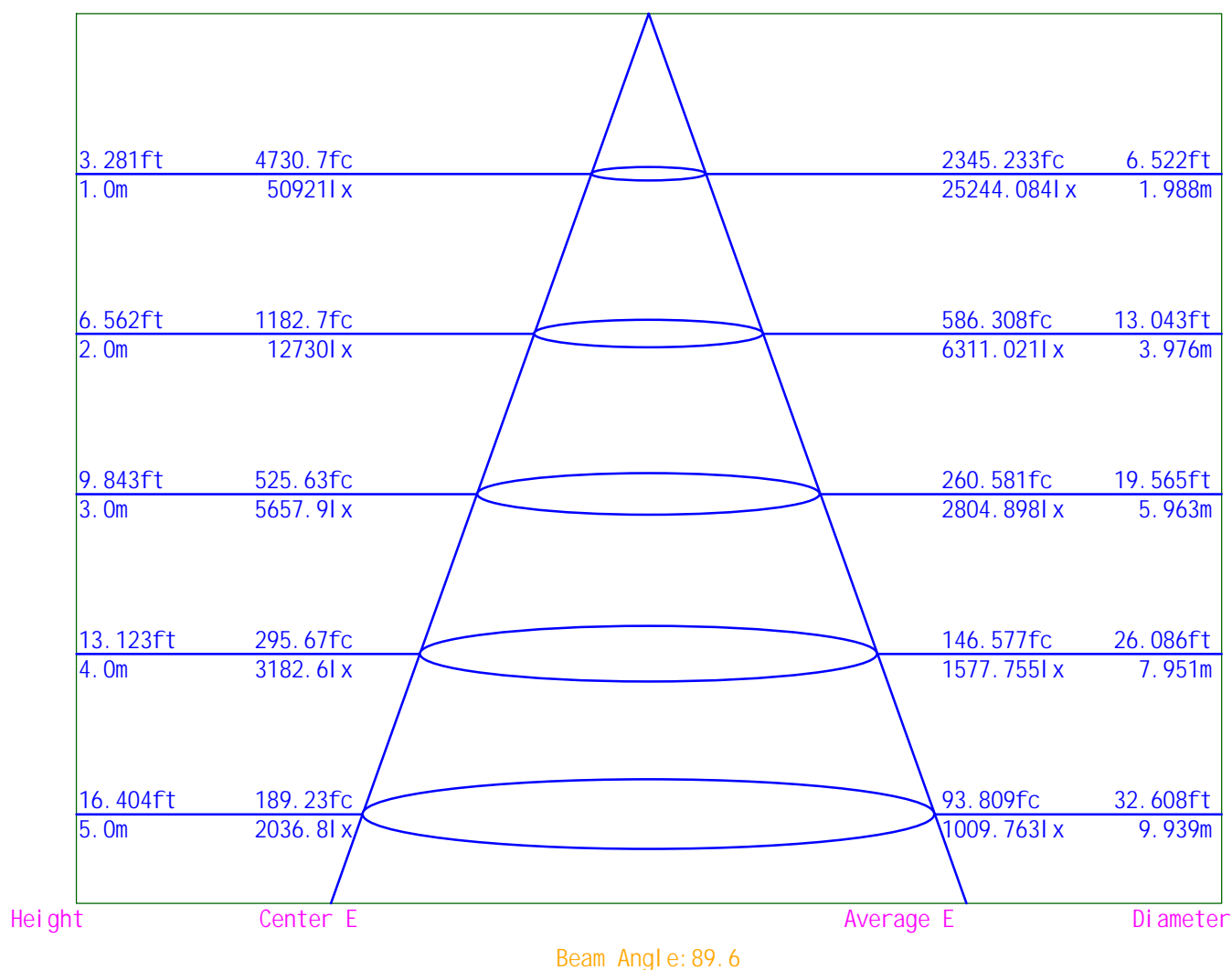
- Curves:
 [Unit: lx]
 [EMax] =50914.984
- [EMax*90%]=45823.486
 - [EMax*80%]=40731.987
 - [EMax*70%]=35640.489
 - [EMax*60%]=30548.991
 - [EMax*50%]=25457.492
 - [EMax*40%]=20365.994
 - [EMax*30%]=15274.495
 - [EMax*20%]=10182.997
 - [EMax*10%]=5091.498

Space Plane Maximum Illuminance and @Angle:50914.98lx,0.5deg
 Plane Maximum Lighting Intensity and @Angle:50920.801cd,0deg

Illuminance-Distance Diagram

Lum. Name: SHARKLED600W	Lum. Catalog:	Test ID: SHARKLED600W
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture: BBT LIGHTING	Test Machine: GON-2000	Test Date: 2023/6/21

Illuminance-Distance Curve



IES Flood Report
Photometric Filename:BBT600W.IES

Candela Tabulation

V/H	β -90.0	β -85.0	β -80.0	β -75.0	β -70.0	β -65.0	β -60.0	β -55.0	β -50.0	β -45.0	β -40.0	β -35.0
B-90.0	6.3	6.2	6.0	5.8	5.7	5.5	5.3	5.2	5.0	4.9	5.0	5.2
B-85.0	6.3	5.5	4.8	4.4	4.5	6.5	11.2	13.9	14.0	13.5	13.4	12.7
B-80.0	6.3	4.8	3.8	15.0	22.7	25.0	28.1	34.3	37.6	37.6	48.2	54.5
B-75.0	6.3	4.1	16.0	26.4	37.9	55.4	74.2	91.7	111.5	132.2	154.6	178.1
B-70.0	6.3	3.5	26.8	42.2	72.5	108.0	146.3	189.3	249.1	317.3	375.1	420.5
B-65.0	6.3	5.8	32.3	68.9	118.7	175.9	248.4	344.8	450.9	556.8	635.0	707.2
B-60.0	6.3	15.1	44.6	102.4	172.1	263.0	388.3	532.2	667.6	805.1	937.5	1043.6
B-55.0	6.3	24.1	61.2	137.1	233.4	371.8	547.5	719.8	904.6	1082.5	1254.8	1413.9
B-50.0	6.3	28.3	80.2	175.2	307.9	494.0	704.6	925.1	1142.9	1366.0	1629.4	1857.0
B-45.0	6.3	29.5	100.4	215.9	384.8	620.8	865.8	1125.0	1387.2	1704.9	2016.2	2436.1
B-40.0	6.3	30.6	120.8	257.1	468.9	737.0	1025.2	1316.2	1665.4	2037.1	2603.0	4435.5
B-35.0	6.3	33.1	139.4	299.8	551.5	851.6	1171.8	1516.8	1929.7	2507.0	4601.6	15439.4
B-30.0	6.3	37.5	156.0	342.8	630.2	960.1	1304.4	1720.2	2218.1	3481.2	13245.5	26999.3
B-25.0	6.3	41.5	171.2	379.8	696.8	1055.6	1431.7	1900.6	2614.4	7154.0	23407.0	32185.9
B-20.0	6.3	44.8	186.6	411.8	755.6	1136.7	1548.4	2067.7	3192.2	14042.2	29263.2	35083.4
B-15.0	6.3	47.6	199.2	442.1	804.3	1202.2	1649.1	2227.5	4350.1	20311.9	32168.9	37356.7
B-10.0	6.3	49.7	208.9	465.0	841.6	1250.2	1723.4	2374.6	6049.7	24338.1	33939.8	39019.3
B-5.0	6.3	51.1	215.6	480.2	866.6	1282.3	1770.9	2482.3	7607.3	26399.6	34955.4	40090.0
B0.0	6.3	51.8	219.3	487.4	879.0	1298.1	1791.5	2528.5	8227.3	27140.7	35398.0	40630.1
B5.0	6.3	51.4	219.0	490.8	883.1	1302.9	1793.0	2516.5	7957.1	26784.2	35393.7	40670.6
B10.0	6.3	50.2	215.6	485.9	874.2	1290.8	1767.8	2439.2	6595.9	25219.4	34770.9	40124.2
B15.0	6.3	48.2	208.9	472.6	852.4	1261.5	1716.7	2316.5	4839.2	21906.0	33273.7	38922.0
B20.0	6.3	45.6	198.9	450.8	817.9	1215.5	1642.8	2177.0	3476.4	16327.7	30717.5	37016.8
B25.0	6.3	42.3	185.5	425.5	771.3	1153.0	1548.5	2030.1	2824.4	9098.3	25883.4	34205.0
B30.0	6.3	38.3	171.5	393.2	716.8	1074.9	1445.8	1868.2	2417.7	4175.3	16951.3	29546.6
B35.0	6.3	33.6	155.2	354.0	649.3	986.1	1330.2	1701.9	2131.3	2819.4	6432.3	20246.8
B40.0	6.3	31.0	135.7	310.7	574.9	884.5	1203.0	1527.1	1885.0	2305.2	3019.6	6703.0
B45.0	6.3	29.8	113.3	264.3	491.7	774.5	1062.7	1351.6	1648.2	1973.3	2344.9	2916.1
B50.0	6.3	28.4	90.7	217.5	408.7	655.3	914.3	1171.6	1428.2	1684.6	1957.8	2248.9
B55.0	6.3	24.1	69.0	174.1	322.4	527.1	758.5	986.0	1206.1	1420.8	1640.4	1849.7
B60.0	6.3	14.9	49.6	130.3	238.6	399.1	592.5	792.5	984.1	1167.7	1340.7	1500.6
B65.0	6.3	5.2	34.5	86.4	170.4	272.6	419.3	585.5	756.7	911.9	1055.1	1187.0
B70.0	6.3	2.9	27.4	51.0	102.2	175.0	254.7	368.2	496.4	637.5	761.8	866.5
B75.0	6.3	3.6	15.6	28.3	50.0	86.5	136.3	193.8	254.1	331.0	422.2	507.2
B80.0	6.3	4.2	2.6	14.4	24.2	31.0	45.2	67.2	91.7	118.2	168.9	214.2
B85.0	6.3	4.9	3.7	2.7	2.0	3.6	9.5	13.8	15.9	17.5	29.3	43.6
B90.0	6.3	5.6	4.9	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.0	0.0
V/H	β -30.0	β -25.0	β -20.0	β -15.0	β -10.0	β -5.0	β 0.0	β 5.0	β 10.0	β 15.0	β 20.0	β 25.0
B-90.0	5.3	5.5	5.7	5.8	6.0	6.1	6.3	6.9	7.6	8.3	8.9	9.6
B-85.0	11.4	9.9	8.5	6.9	5.4	3.9	2.3	4.7	7.1	9.3	11.4	13.2
B-80.0	56.1	56.7	57.8	55.3	50.0	42.7	34.1	45.2	55.1	63.1	68.3	70.2
B-75.0	196.4	208.1	210.6	207.4	196.6	179.2	156.2	184.1	206.5	222.5	231.4	234.0
B-70.0	457.1	481.1	489.9	494.1	490.3	474.5	446.7	479.9	500.9	509.5	509.1	502.1
B-65.0	773.8	822.4	859.5	884.1	888.2	876.0	847.2	881.3	898.2	897.9	877.4	846.0
B-60.0	1136.0	1210.8	1276.0	1320.3	1344.1	1340.7	1307.7	1345.0	1353.5	1336.1	1297.2	1236.5

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Candela Tabulation - (Cont.)

V/H	β -30.0	β -25.0	β -20.0	β -15.0	β -10.0	β -5.0	β 0.0	β 5.0	β 10.0	β 15.0	β 20.0	β 25.0
B-55.0	1574.3	1692.3	1792.5	1869.5	1912.9	1914.1	1870.5	1918.5	1920.9	1881.0	1808.8	1709.9
B-50.0	2074.1	2333.3	2654.3	3116.2	3560.8	3687.9	3332.8	3743.8	3667.5	3218.8	2702.2	2361.2
B-45.0	3168.3	5660.6	10407.6	14941.5	18133.8	19612.8	19429.5	19466.3	17857.7	14652.7	10364.9	5947.8
B-40.0	12258.2	21365.5	27035.4	29837.9	31239.4	31714.9	31569.4	31623.0	31086.7	29491.0	26489.1	20671.1
B-35.0	26846.9	31457.9	33819.8	35349.0	36202.2	36462.1	36185.2	36335.7	35953.5	34965.1	33394.4	30884.4
B-30.0	32709.4	35877.1	38012.0	39468.2	40350.5	40571.4	40240.7	40386.6	39987.2	38985.9	37494.6	35251.8
B-25.0	36260.5	39335.8	41581.0	42939.4	43738.3	44026.9	43759.7	43830.1	43312.8	42373.8	40811.2	38592.8
B-20.0	39075.3	42111.2	44336.6	45459.2	46176.9	46493.0	46459.4	46331.2	45763.8	44899.2	43337.2	41106.1
B-15.0	41229.2	44106.1	46016.0	47099.9	47919.0	48244.0	48151.0	48089.3	47519.4	46587.8	45223.6	43063.3
B-10.0	42795.7	45549.6	47285.4	48423.1	49232.4	49581.9	49507.6	49386.6	48723.1	47801.2	46361.1	44401.4
B-5.0	43785.7	46449.0	48109.1	49175.5	49976.9	50314.4	50302.1	50118.8	49556.7	48590.9	47226.5	45237.2
B0.0	44274.4	46932.1	48669.5	49732.0	50287.0	50707.0	50920.8	50527.4	49853.5	49022.1	47609.4	45651.5
B5.0	44383.1	46990.0	48687.6	49780.1	50435.7	50808.1	50968.9	50549.8	49981.2	49110.6	47753.9	45735.3
B10.0	44002.8	46692.0	48464.7	49541.0	50294.6	50705.8	50988.8	50475.6	49966.4	48944.3	47501.6	45426.4
B15.0	43079.2	45902.5	47786.5	49039.6	49815.2	50374.3	50513.5	50131.5	49441.7	48352.5	46815.8	44625.1
B20.0	41566.4	44724.9	46862.4	48180.2	49125.7	49678.9	50063.4	49462.7	48671.2	47428.4	45811.5	43212.9
B25.0	39019.3	42766.7	45194.1	46730.5	47915.7	48679.5	49174.4	48435.3	47360.0	45903.1	43854.9	41047.8
B30.0	35518.9	39508.8	42516.4	44477.3	45793.3	46575.3	46942.3	46282.5	45160.5	43518.6	41131.9	37836.6
B35.0	30059.8	35090.1	38427.9	40844.3	42533.2	43518.2	43973.3	43181.8	41887.7	39868.4	37133.0	33441.8
B40.0	18617.1	27852.4	32633.1	35526.7	37496.6	38784.4	39425.7	38465.8	36857.4	34574.6	31462.2	26929.0
B45.0	5081.1	12607.9	21310.8	26822.9	29904.7	31572.6	32383.3	31361.8	29533.1	26387.8	20908.6	12384.0
B50.0	2629.3	3296.1	5178.4	9322.4	14014.2	17740.6	19904.1	17697.3	13937.2	9208.0	5067.2	3209.1
B55.0	2052.3	2268.7	2502.5	2781.0	3079.6	3332.2	3484.5	3317.4	3052.2	2745.0	2463.1	2227.3
B60.0	1659.4	1797.1	1930.7	2047.4	2144.2	2215.9	2260.3	2210.9	2134.3	2033.0	1915.1	1784.1
B65.0	1301.2	1411.9	1509.4	1593.1	1663.8	1716.2	1750.0	1714.3	1660.8	1590.4	1505.3	1407.8
B70.0	961.2	1049.8	1124.3	1190.3	1245.8	1288.0	1316.1	1288.3	1246.6	1191.4	1127.3	1058.5
B75.0	577.7	648.7	709.4	760.0	800.5	830.3	848.8	833.7	807.9	772.4	728.2	675.4
B80.0	252.5	289.0	326.4	359.5	388.0	411.7	430.3	416.6	397.5	373.2	343.5	308.5
B85.0	59.6	75.8	91.7	107.1	121.9	135.6	148.1	137.4	125.3	112.3	98.3	83.8
B90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
V/H	β 30.0	β 35.0	β 40.0	β 45.0	β 50.0	β 55.0	β 60.0	β 65.0	β 70.0	β 75.0	β 80.0	β 85.0
B-90.0	10.3	10.9	11.6	12.3	16.4	20.5	24.6	28.7	32.8	36.9	41.1	45.2
B-85.0	14.7	15.9	16.5	16.6	20.4	23.7	26.3	27.1	28.1	29.0	31.6	39.7
B-80.0	68.7	63.6	57.8	52.0	55.2	55.1	53.3	50.4	46.2	40.6	34.4	34.3
B-75.0	226.9	210.1	185.6	160.0	141.0	121.5	105.0	89.7	75.0	58.7	45.3	34.6
B-70.0	484.0	453.5	414.3	364.6	297.2	233.0	186.8	147.4	114.9	85.2	58.6	37.5
B-65.0	804.2	745.2	674.8	597.8	501.1	402.8	302.6	223.6	164.8	114.9	73.6	41.5
B-60.0	1165.7	1076.9	975.7	853.0	718.1	587.9	452.0	321.9	224.4	152.5	93.6	48.7
B-55.0	1600.9	1451.5	1293.6	1124.7	956.7	778.5	610.2	441.1	292.5	192.2	111.6	55.6
B-50.0	2097.1	1884.1	1668.5	1415.5	1193.4	983.4	768.0	564.2	373.6	234.3	133.7	62.0
B-45.0	3291.4	2473.4	2052.6	1745.5	1444.3	1178.3	932.7	689.8	460.5	277.3	157.6	67.9
B-40.0	12222.3	4822.5	2656.0	2081.7	1717.5	1377.1	1089.3	808.6	547.7	323.0	178.8	73.4
B-35.0	25921.3	15357.7	5159.7	2567.1	1977.1	1581.4	1233.0	925.2	630.0	369.7	199.6	79.6
B-30.0	32150.3	26259.1	13676.4	3808.4	2273.1	1777.4	1374.2	1034.0	709.1	415.1	220.6	86.8
B-25.0	35496.5	31489.9	23052.2	8184.5	2690.2	1956.3	1507.7	1129.2	774.5	458.9	239.1	93.2

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Candela Tabulation - (Cont.)

V/H	β 30.0	β 35.0	β 40.0	β 45.0	β 50.0	β 55.0	β 60.0	β 65.0	β 70.0	β 75.0	β 80.0	β 85.0
B-20.0	38119.0	34322.4	28677.9	14835.8	3420.1	2132.5	1623.6	1209.6	837.0	496.8	254.9	98.8
B-15.0	40059.6	36311.2	31444.8	20661.5	5112.3	2298.0	1725.9	1272.4	887.6	530.0	268.0	103.4
B-10.0	41448.5	37735.7	33138.8	24406.7	7316.6	2457.0	1796.4	1327.2	925.9	555.4	278.3	107.0
B-5.0	42341.0	38607.8	34070.6	26397.2	9169.7	2579.9	1841.8	1364.3	952.0	572.7	285.8	109.5
B0.0	42721.2	38968.0	34456.7	27179.4	9982.0	2635.4	1863.2	1383.4	965.8	581.8	290.3	110.9
B5.0	42845.1	39016.6	34335.5	26736.4	9455.8	2603.2	1859.1	1381.9	966.7	583.0	289.6	109.8
B10.0	42423.3	38517.2	33599.0	25220.8	7745.3	2501.3	1831.2	1362.3	955.0	575.7	285.8	107.6
B15.0	41501.5	37397.0	32091.3	22153.3	5463.6	2360.0	1778.6	1324.8	930.9	559.8	278.7	104.3
B20.0	39873.1	35557.1	29662.9	16872.1	3604.0	2210.4	1700.0	1279.3	893.9	535.4	268.2	99.9
B25.0	37373.9	32653.9	25358.4	9778.3	2828.6	2053.0	1605.8	1215.2	844.9	504.8	254.5	94.5
B30.0	33727.3	28381.4	16970.6	4269.0	2411.9	1894.0	1495.2	1135.8	791.3	466.7	237.7	88.0
B35.0	28598.2	19705.9	6539.4	2774.9	2125.5	1731.2	1372.4	1045.3	722.9	423.9	218.2	80.7
B40.0	18020.7	6531.5	2927.5	2271.8	1889.4	1558.0	1246.4	942.4	649.6	377.1	197.1	74.4
B45.0	4859.5	2796.7	2285.5	1958.1	1662.8	1379.2	1107.8	835.6	566.3	328.8	173.9	68.7
B50.0	2553.5	2188.2	1925.7	1682.3	1442.1	1201.7	959.4	717.9	475.9	281.0	147.2	62.5
B55.0	2021.7	1822.1	1624.5	1424.6	1223.8	1018.1	810.5	594.7	382.7	233.9	121.8	55.7
B60.0	1646.6	1493.6	1334.0	1175.5	1006.9	835.1	651.6	457.6	298.6	186.9	100.2	48.4
B65.0	1299.3	1188.6	1059.5	934.8	792.4	640.7	473.1	328.9	224.5	137.5	77.6	40.8
B70.0	974.7	884.1	788.0	681.5	548.6	414.2	307.5	224.9	152.9	96.8	60.3	36.4
B75.0	613.3	538.9	455.0	371.3	297.9	236.2	181.8	129.7	90.8	63.2	44.8	33.4
B80.0	275.3	240.3	199.5	154.0	124.7	97.9	75.7	61.3	49.8	39.9	32.3	33.0
B85.0	68.9	53.9	39.6	26.6	25.6	24.9	24.3	22.9	23.7	25.3	28.8	38.4
B90.0	0.0	0.0	0.0	0.0	5.5	11.0	16.4	21.9	27.4	32.9	38.3	43.8
V/H	β 90.0											
B-90.0	49.3											
B-85.0	49.3											
B-80.0	49.3											
B-75.0	49.3											
B-70.0	49.3											
B-65.0	49.3											
B-60.0	49.3											
B-55.0	49.3											
B-50.0	49.3											
B-45.0	49.3											
B-40.0	49.3											
B-35.0	49.3											
B-30.0	49.3											
B-25.0	49.3											
B-20.0	49.3											
B-15.0	49.3											
B-10.0	49.3											
B-5.0	49.3											
B0.0	49.3											
B5.0	49.3											
B10.0	49.3											

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Candela Tabulation - (Cont.)

V/H	β 90.0
B15.0	49.3
B20.0	49.3
B25.0	49.3
B30.0	49.3
B35.0	49.3
B40.0	49.3
B45.0	49.3
B50.0	49.3
B55.0	49.3
B60.0	49.3
B65.0	49.3
B70.0	49.3
B75.0	49.3
B80.0	49.3
B85.0	49.3
B90.0	49.3