

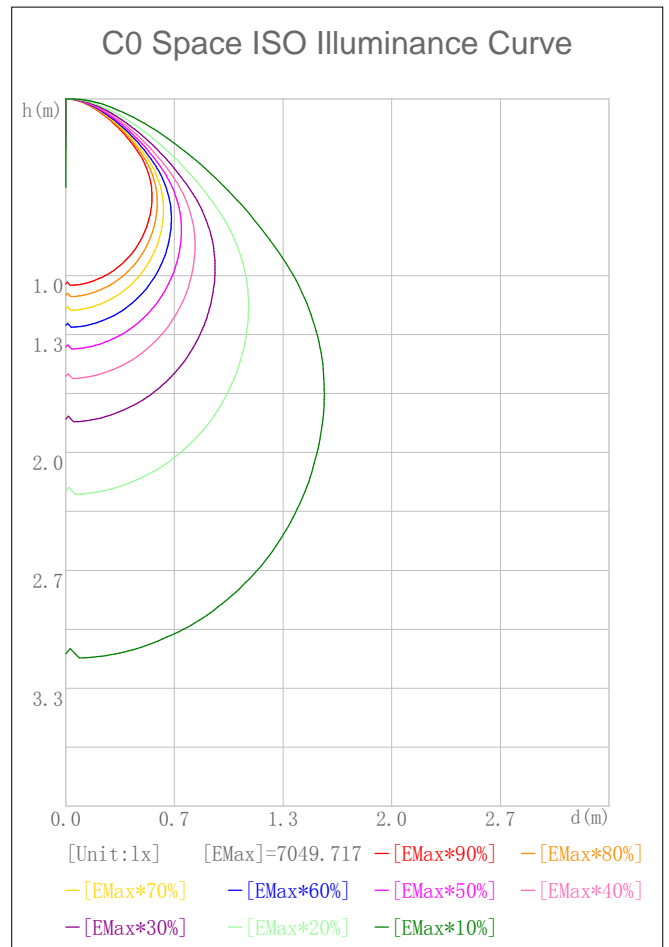
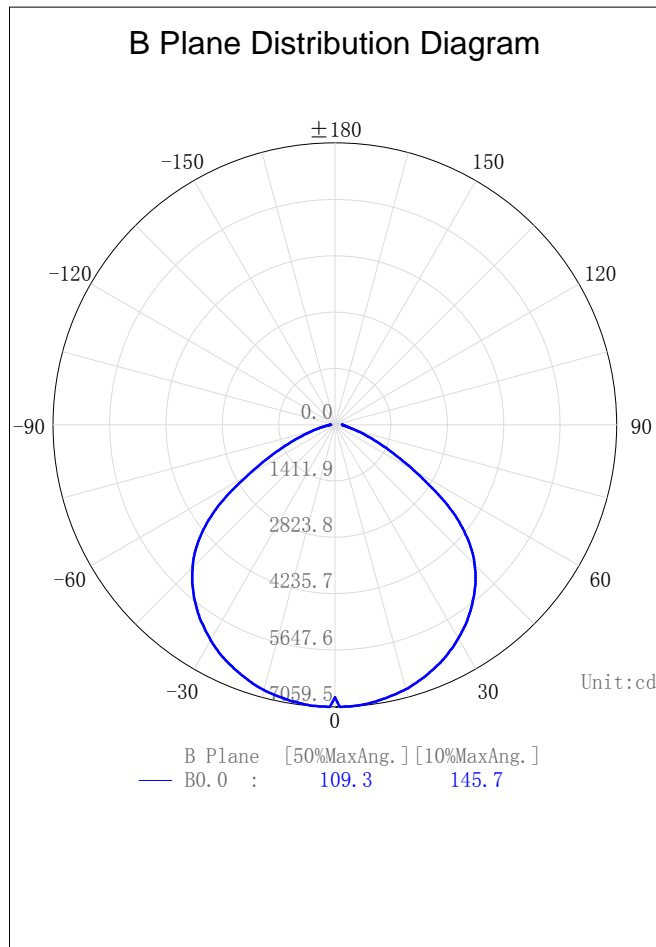
**Flood Luminaire Photometric Data**

**Description Information**

Luminary Name: 200W		Lum. Catalog:	Test ID: 001
Lamp Name: SMD		Lamp Catalog: LED	Test Date: 2018/12/19
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab: Volnic IES		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H): 0.320m*0.360m*0.000m		Lum. Area (m2): 0.115	Lum. W (kg): 1.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity (%): 50.0

**Character Parameter**

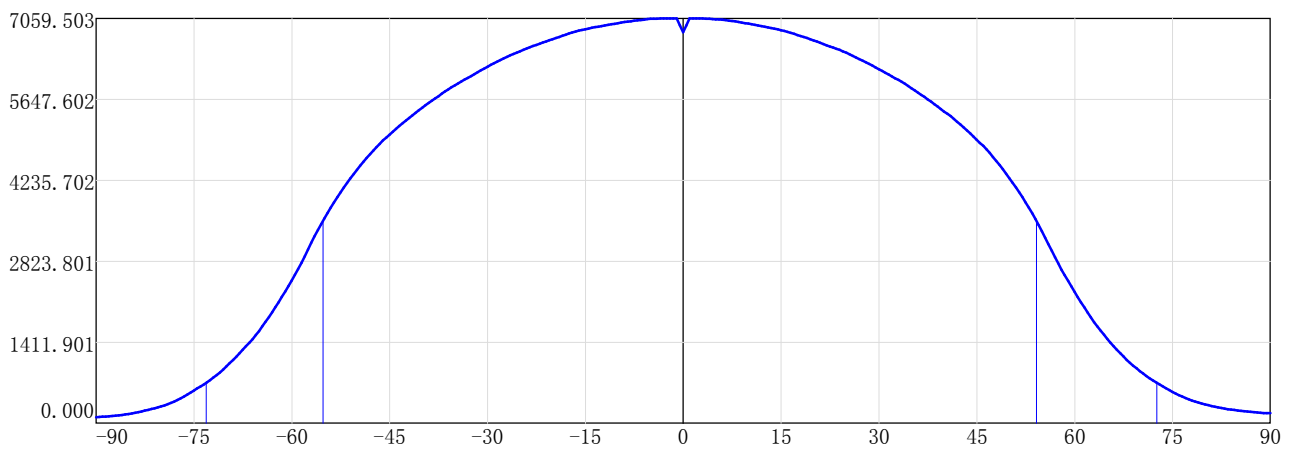
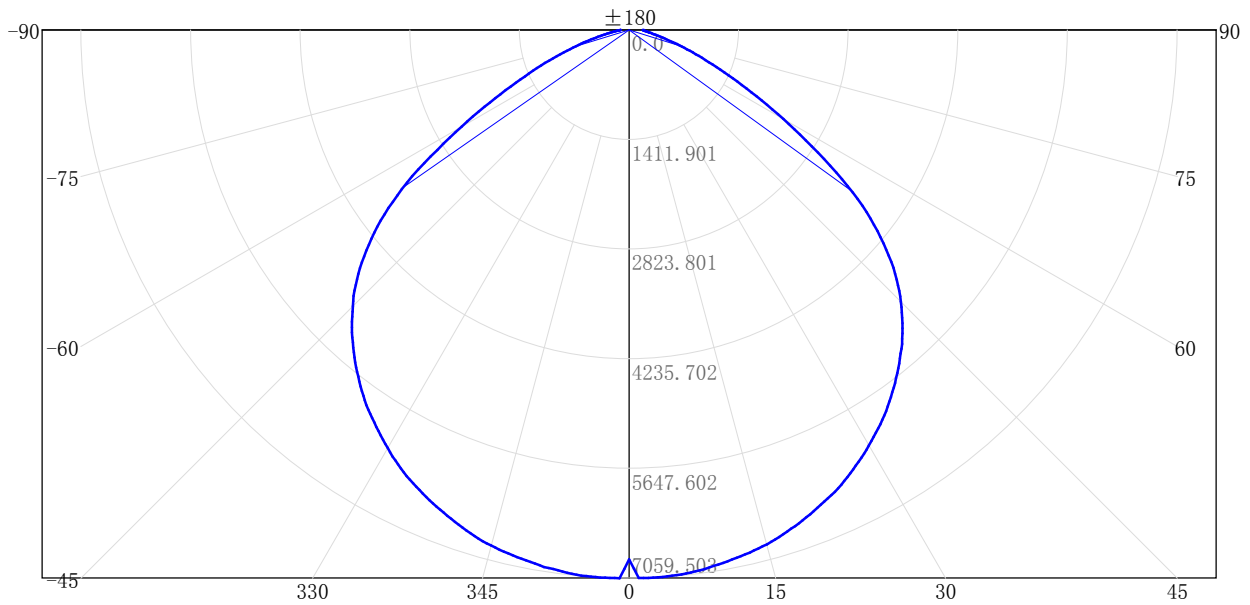
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 18223.090	Luminary Flux(lm): 18223.087	Beam Lumens(lm): 14040.50	
Rated Power(W):	Luminary Efficiency: 100.00%	Beam Efficiency(%): 77.05	
Rated Voltage(V):	Luminary EER(lm/W): 91.989	Field Lumens(lm): 17640.27	
Tested Power(W): 198.100	Max. Candela(cd): 7059.503	Field Efficiency(%): 96.80	
Lamps' Inside: 1	Max Cand@Ang. (°): B=0.0 β=2.0	ErP Φuse(120°): 15595.535lm	
Tested Electrics(V, A, pf): 219.7, 0.913, 0.987	Beam Angle(50%)(V, H): 107.7(°), 109.2(°)	IRF(%): 109.631	
Lamp Size(W*L*H): 0.320m*0.360m*0.000m	Field Angle(10%)(V, H): 148.8(°), 146.2(°)		



**2D Plane Light Intensity Distribution Curve**

Lum. Name: 200W	Lum. Catalog:	Test ID: 001
Lamp Name: SMD	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2018/12/19

**B Plane Distribution Diagram**

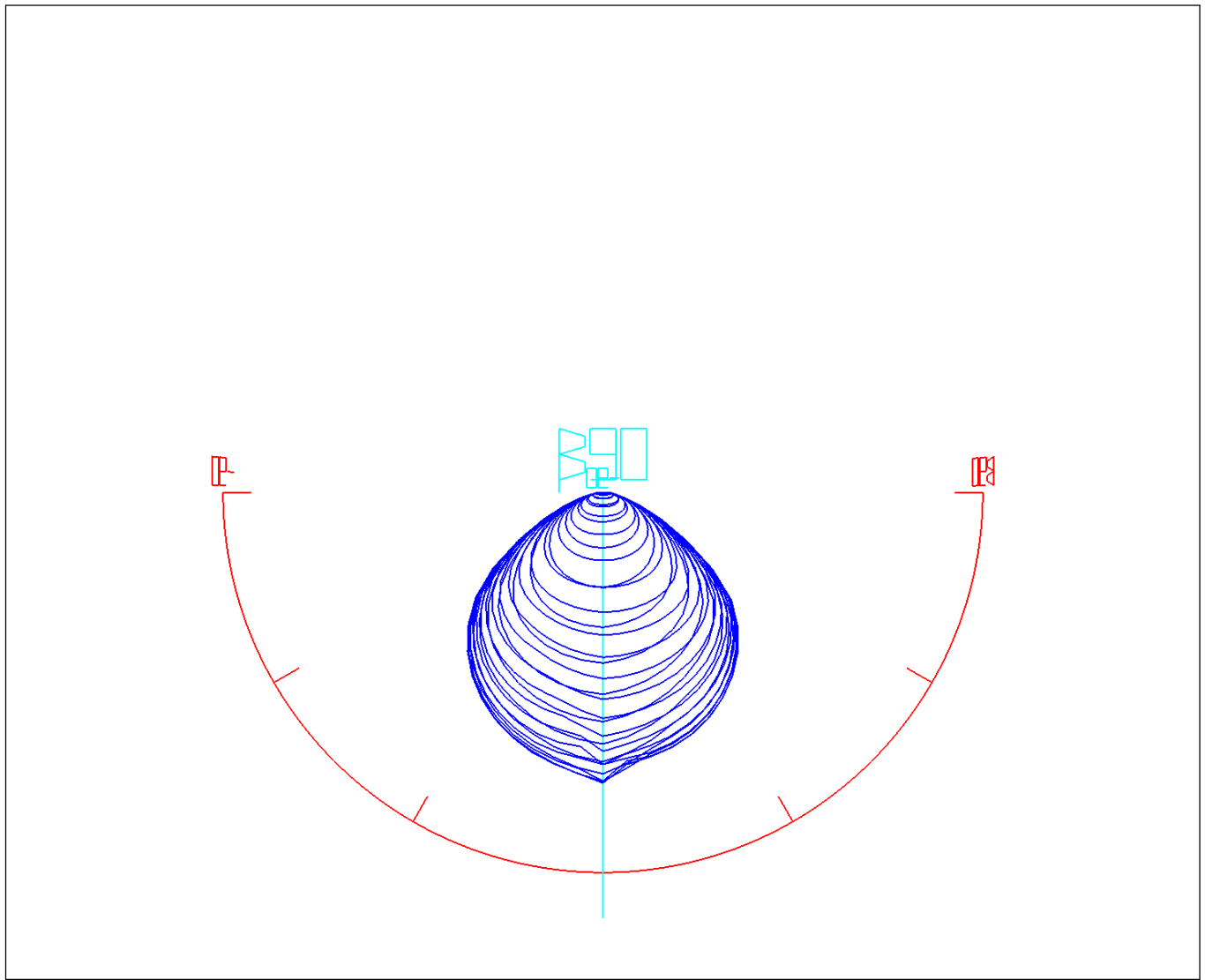


— B Plane [50%MaxAng.] [10%MaxAng.] Unit:cd  
B0.0 : 109.3 145.7

### 3D Light Intensity Distribution Modal

Lum. Name: 200W	Lum. Catalog:	Test ID: 001
Lamp Name: SMD	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2018/12/19

### 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:200W.IES

### Zone Lumens Tabulation - (Cont.)

	$\beta$ 30.0	$\beta$ 35.0	$\beta$ 40.0	$\beta$ 45.0	$\beta$ 50.0	$\beta$ 55.0	$\beta$ 60.0	$\beta$ 65.0	$\beta$ 70.0	$\beta$ 75.0	$\beta$ 80.0	$\beta$ 85.0	$\beta$ 90.0
<b>B-10.0</b>													
<b>B-5.0</b>	37.36	33.12	28.47	23.29	17.44	11.31	6.52	3.42	1.65	0.71	0.27	0.07	
<b>B0.0</b>	38.26	33.83	29.03	23.73	17.76	11.49	6.59	3.45	1.67	0.71	0.27	0.07	
<b>B5.0</b>	38.49	34.00	29.15	23.80	17.80	11.51	6.59	3.46	1.67	0.72	0.28	0.07	
<b>B10.0</b>	38.01	33.61	28.81	23.52	17.56	11.35	6.53	3.43	1.66	0.72	0.28	0.07	
<b>B15.0</b>	37.26	32.95	28.22	22.96	17.03	10.98	6.34	3.35	1.63	0.71	0.27	0.07	
<b>B20.0</b>	36.24	32.03	27.37	22.13	16.21	10.41	6.04	3.21	1.58	0.69	0.27	0.07	
<b>B25.0</b>	34.95	30.83	26.23	20.97	15.10	9.68	5.63	3.03	1.51	0.67	0.27	0.07	
<b>B30.0</b>	33.32	29.33	24.75	19.44	13.75	8.80	5.16	2.81	1.42	0.64	0.26	0.07	
<b>B35.0</b>	31.36	27.41	22.82	17.50	12.23	7.82	4.64	2.57	1.32	0.61	0.26	0.07	
<b>B40.0</b>	28.95	24.92	20.24	15.28	10.60	6.80	4.09	2.32	1.21	0.58	0.25	0.07	
<b>B45.0</b>	25.77	21.65	17.21	12.87	8.92	5.78	3.55	2.05	1.09	0.55	0.24	0.07	
<b>B50.0</b>	21.66	17.86	14.03	10.42	7.30	4.82	3.03	1.79	0.99	0.51	0.24	0.06	
<b>B55.0</b>	17.17	14.03	10.95	8.16	5.82	3.96	2.54	1.54	0.88	0.48	0.23	0.06	
<b>B60.0</b>	12.88	10.48	8.21	6.21	4.55	3.19	2.09	1.32	0.79	0.45	0.22	0.06	
<b>B65.0</b>	9.10	7.47	5.97	4.63	3.48	2.51	1.71	1.13	0.71	0.42	0.21	0.06	
<b>B70.0</b>	6.18	5.19	4.24	3.37	2.61	1.96	1.40	0.97	0.64	0.39	0.20	0.06	
<b>B75.0</b>	4.10	3.52	2.96	2.44	1.96	1.54	1.16	0.84	0.58	0.37	0.20	0.06	
<b>B80.0</b>	2.72	2.42	2.11	1.81	1.52	1.25	0.99	0.74	0.52	0.34	0.19	0.06	
<b>B85.0</b>	1.93	1.75	1.57	1.39	1.20	1.01	0.81	0.63	0.46	0.31	0.18	0.06	
<b>B90.0</b>	1.30	1.21	1.11	1.01	0.89	0.78	0.66	0.53	0.41	0.29	0.18	0.06	
<b>Total</b>	208.91	219.69	229.47	238.30	246.19	253.10	258.89	263.57	267.15	269.56	270.75	270.58	

$\beta$ 90.0	Total
<b>B-90.0</b>	5.15
<b>B-85.0</b>	6.88
<b>B-80.0</b>	8.90
<b>B-75.0</b>	11.45
<b>B-70.0</b>	14.73
<b>B-65.0</b>	19.07
<b>B-60.0</b>	24.54
<b>B-55.0</b>	30.88
<b>B-50.0</b>	38.07
<b>B-45.0</b>	46.40
<b>B-40.0</b>	56.07
<b>B-35.0</b>	66.86
<b>B-30.0</b>	78.59
<b>B-25.0</b>	91.24
<b>B-20.0</b>	104.24
<b>B-15.0</b>	116.64
<b>B-10.0</b>	128.13
<b>B-5.0</b>	138.80
<b>B0.0</b>	148.71
<b>B5.0</b>	157.88
<b>B10.0</b>	166.35
<b>B15.0</b>	174.15
<b>B20.0</b>	181.35
<b>B25.0</b>	187.94
<b>B30.0</b>	

**IES Flood Report**  
**Photometric Filename:200W.IES**

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**Zone Lumens Tabulation - (Cont.)**

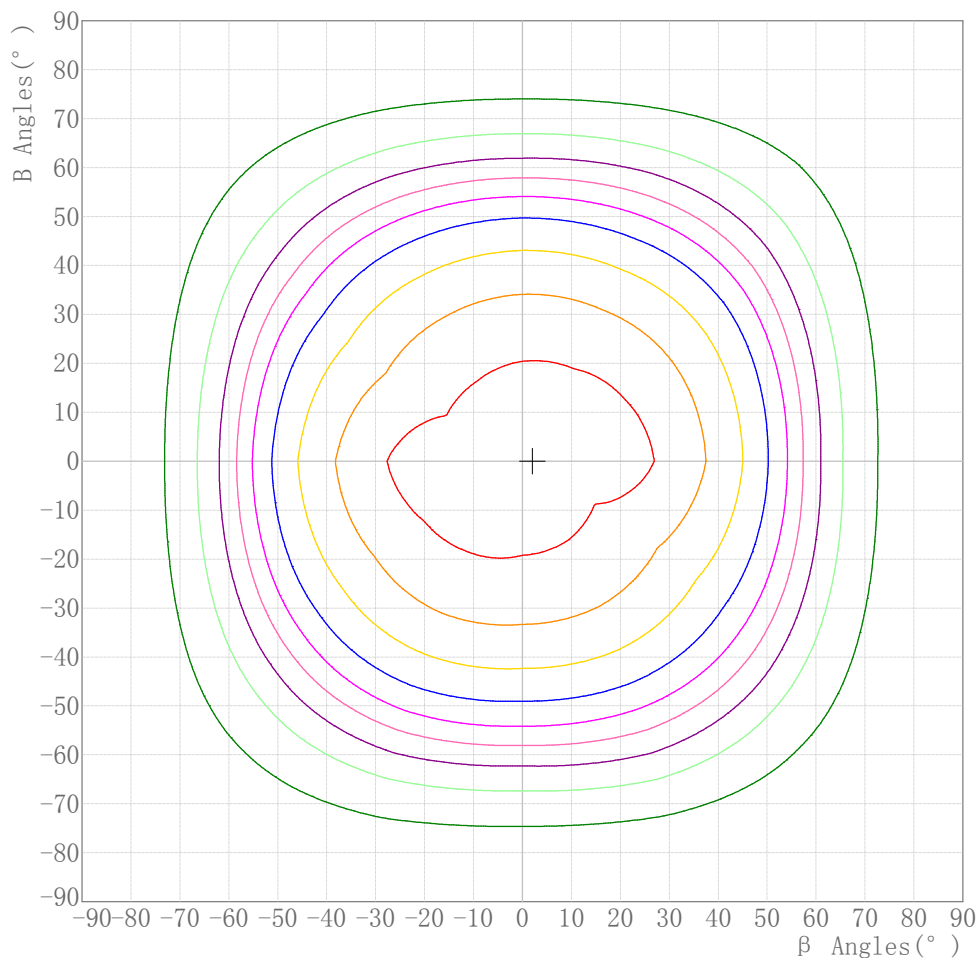
<b>β 90.0</b>	<b>Total</b>
<b>B30.0</b>	194.03
<b>B35.0</b>	199.60
<b>B40.0</b>	204.66
<b>B45.0</b>	209.25
<b>B50.0</b>	213.40
<b>B55.0</b>	217.18
<b>B60.0</b>	220.55
<b>B65.0</b>	223.53
<b>B70.0</b>	226.21
<b>B75.0</b>	228.59
<b>B80.0</b>	230.78
<b>B85.0</b>	233.06
<b>B90.0</b>	
<b>Total</b>	18223.09



**Rectangle ISO Lighting Intensity Diagram**

Lum. Name: 200W	Lum. Catalog:	Test ID: 001
Lamp Name: SMD	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2018/12/19

ISO Lighting Intensity Curve



Maximum Light Intensity(cd): 7059.50  
 Maximum Cand.@Angle: H=2.0°;V=0.0°

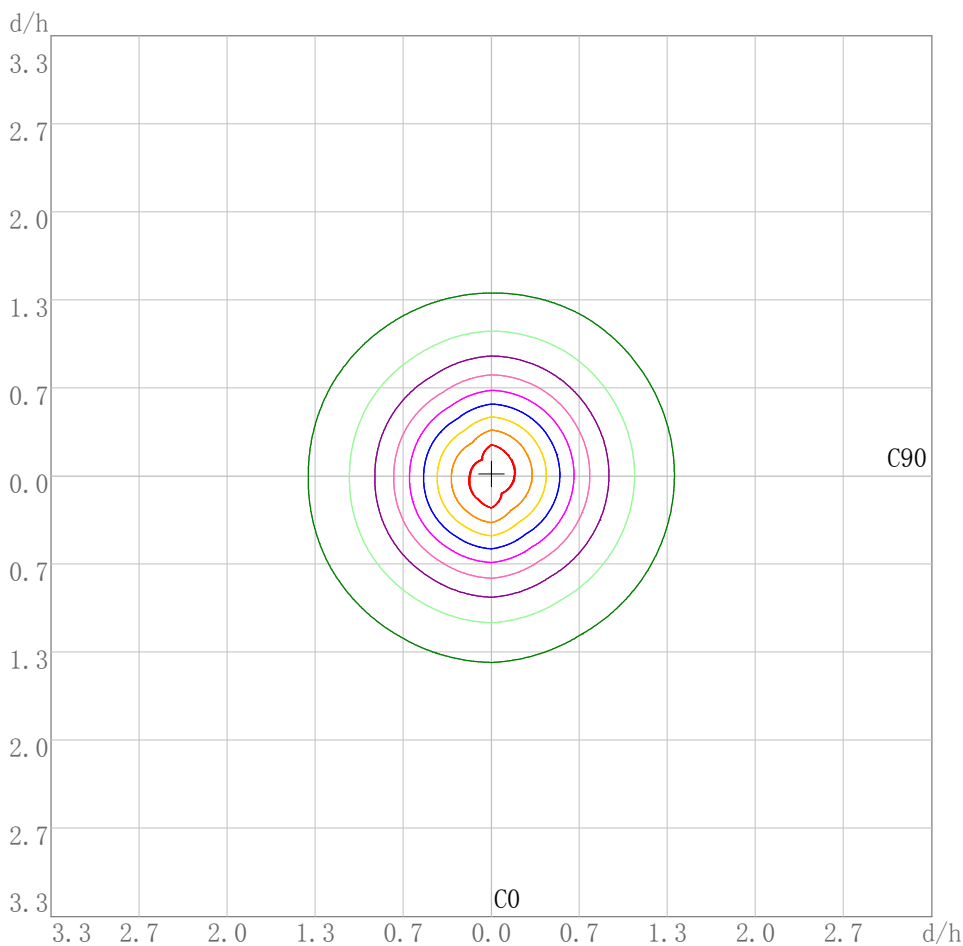
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**Plane ISO-Illuminance Diagram**

Lum. Name: 200W	Lum. Catalog:	Test ID: 001
Lamp Name: SMD	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2018/12/19

Plane ISO-Illuminance Curve



- Curves:  
unit:lx  
[EMax] =784.010
- [EMax\*90%]=705.609
  - [EMax\*80%]=627.208
  - [EMax\*70%]=548.807
  - [EMax\*60%]=470.406
  - [EMax\*50%]=392.005
  - [EMax\*40%]=313.604
  - [EMax\*30%]=235.203
  - [EMax\*20%]=156.802
  - [EMax\*10%]=78.401

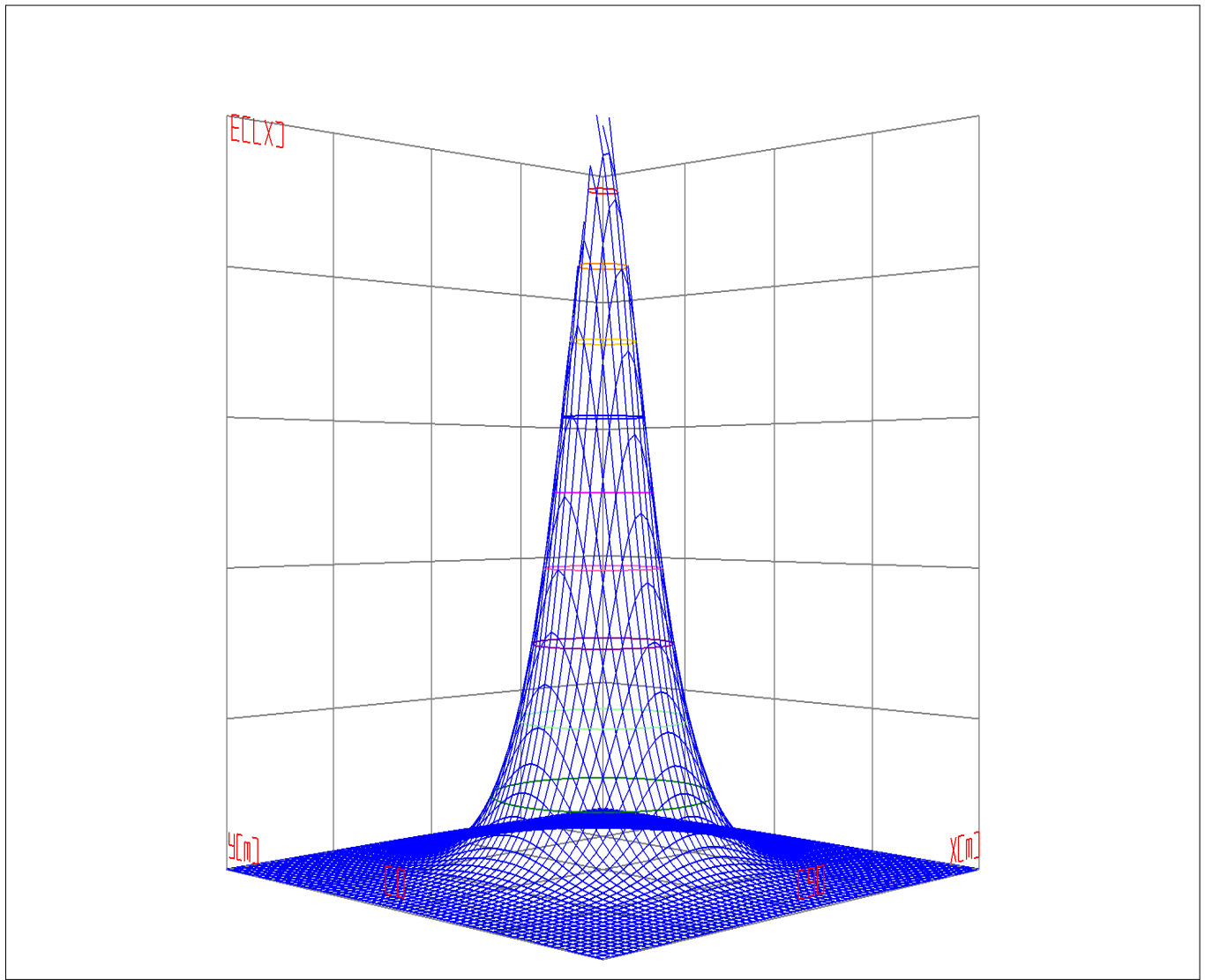
Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 784.01  
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

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### 3D Plane ISO Illuminance Diagram

Lum. Name: 200W	Lum. Catalog:	Test ID: 001
Lamp Name: SMD	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2018/12/19

3D Plane Illuminance Modal

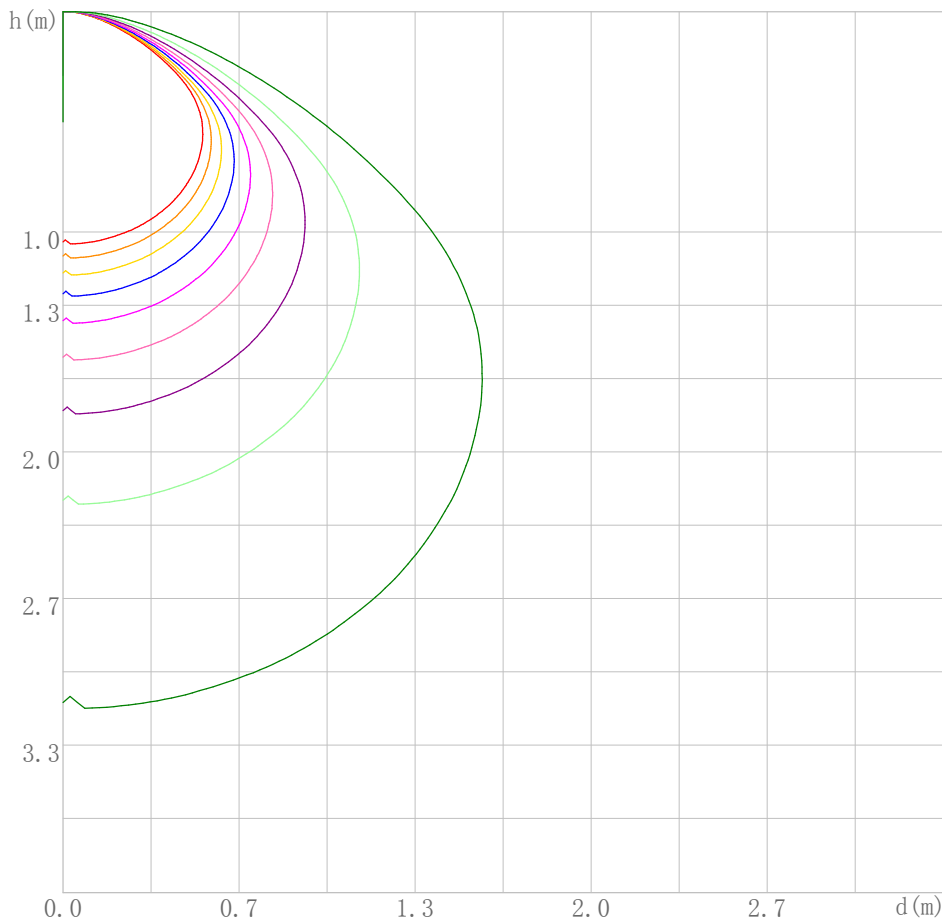


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0    Height(m): 3.0    Distance(m): 10.0

### Space ISO Illuminance Diagram

Lum. Name: 200W	Lum. Catalog:	Test ID: 001
Lamp Name: SMD	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2018/12/19

Space ISO Illuminance Curve



- Curves:  
 [Unit: lx]  
 [EMax] =7049.717
- [EMax\*90%]=6344.745
  - [EMax\*80%]=5639.774
  - [EMax\*70%]=4934.802
  - [EMax\*60%]=4229.830
  - [EMax\*50%]=3524.858
  - [EMax\*40%]=2819.887
  - [EMax\*30%]=2114.915
  - [EMax\*20%]=1409.943
  - [EMax\*10%]=704.972

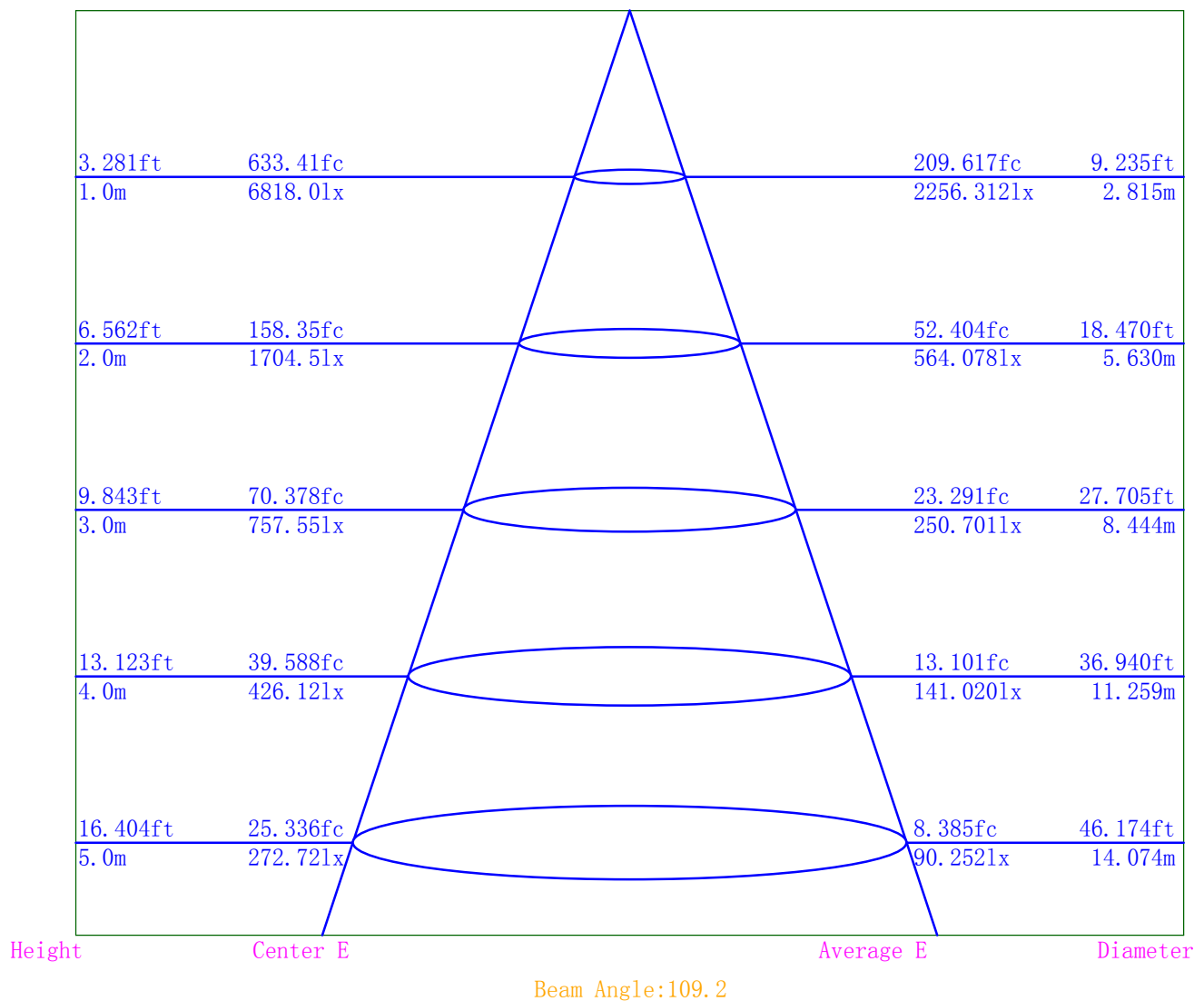
Space Plane Maximum Illuminance and @Angle:7049.72lx,1.5deg  
 Plane Maximum Lighting Intensity and @Angle:7059.503cd,0deg

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**Illuminance-Distance Diagram**

Lum. Name: 200W	Lum. Catalog:	Test ID: 001
Lamp Name: SMD	Lamp Catalog: LED	Test Lab: Volnic IES
Manufacture:	Test Machine:GON-2000	Test Date: 2018/12/19

Illuminance-Distance Curve



# IES Flood Report

## Photometric Filename:200W.IES

### Candela Tabulation

V/H	$\beta -90.0$	$\beta -85.0$	$\beta -80.0$	$\beta -75.0$	$\beta -70.0$	$\beta -65.0$	$\beta -60.0$	$\beta -55.0$	$\beta -50.0$	$\beta -45.0$	$\beta -40.0$	$\beta -35.0$
B-90.0	105.55	104.89	104.24	103.58	102.92	102.27	101.61	101.53	101.45	101.37	101.30	101.22
B-85.0	105.55	109.71	114.84	120.90	128.24	137.08	147.50	156.37	164.98	173.33	181.24	188.72
B-80.0	105.55	114.48	124.88	139.48	157.35	177.58	198.74	218.01	238.25	259.43	283.02	306.55
B-75.0	105.55	118.80	136.22	159.86	188.65	221.31	256.65	296.36	340.64	389.75	443.12	498.88
B-70.0	105.55	122.82	148.12	182.41	225.00	275.83	336.05	408.59	492.60	586.91	687.95	788.98
B-65.0	105.55	127.00	160.36	208.60	268.69	344.58	442.60	560.40	698.41	846.60	1002.16	1163.30
B-60.0	105.55	131.83	173.84	236.67	318.12	432.20	579.17	749.38	948.46	1168.44	1403.78	1653.85
B-55.0	105.55	136.34	189.47	267.64	378.07	538.39	736.61	970.23	1249.24	1562.43	1903.34	2237.30
B-50.0	105.55	140.61	204.38	299.48	448.26	658.27	914.11	1227.92	1600.13	2025.77	2461.36	2891.71
B-45.0	105.55	144.54	218.56	334.04	525.01	781.81	1111.23	1511.36	1996.54	2528.57	3067.02	3556.34
B-40.0	105.55	148.04	234.31	371.41	606.04	912.24	1319.81	1827.74	2420.10	3050.16	3643.48	4103.88
B-35.0	105.55	151.51	248.44	410.05	681.88	1047.88	1530.37	2147.19	2847.20	3539.96	4109.06	4515.79
B-30.0	105.55	155.18	260.80	448.17	752.87	1182.29	1748.00	2464.76	3264.39	3960.18	4456.43	4847.61
B-25.0	105.55	158.24	271.33	484.35	819.42	1304.26	1950.55	2760.89	3620.41	4282.03	4751.51	5117.45
B-20.0	105.55	160.66	280.80	514.79	879.20	1409.64	2131.69	3034.47	3904.83	4533.06	4993.61	5356.06
B-15.0	105.55	162.44	287.84	540.53	928.59	1494.78	2285.51	3262.24	4119.40	4733.05	5186.08	5549.25
B-10.0	105.55	163.57	292.44	558.44	965.32	1561.49	2399.42	3426.60	4271.88	4880.13	5334.32	5706.00
B-5.0	105.55	164.03	294.59	568.34	986.21	1599.71	2468.34	3528.51	4370.36	4977.55	5440.73	5822.10
B0.0	105.55	163.84	294.32	570.13	990.90	1609.12	2490.10	3571.05	4418.07	5031.90	5503.14	5895.41
B5.0	105.55	164.68	295.27	567.90	983.55	1592.69	2454.96	3507.94	4347.16	4951.42	5406.57	5781.05
B10.0	105.55	164.87	293.83	557.67	960.21	1548.05	2373.71	3385.74	4226.01	4828.49	5269.48	5626.11
B15.0	105.55	164.38	290.04	539.67	921.44	1476.08	2249.36	3202.27	4050.48	4653.48	5093.43	5431.95
B20.0	105.55	163.21	283.91	514.16	870.69	1386.98	2086.81	2959.69	3814.66	4431.83	4873.58	5204.32
B25.0	105.55	161.38	275.50	484.21	810.56	1278.85	1898.66	2676.88	3506.05	4154.93	4611.16	4957.84
B30.0	105.55	158.88	266.18	448.88	744.98	1156.06	1694.32	2375.85	3130.81	3809.54	4296.97	4699.90
B35.0	105.55	155.74	255.20	411.92	674.97	1024.31	1480.02	2059.28	2713.26	3364.86	3950.42	4374.70
B40.0	105.55	152.78	242.54	375.33	601.01	891.59	1273.40	1742.90	2292.83	2880.29	3471.56	3959.86
B45.0	105.55	149.77	228.34	340.76	523.54	766.98	1072.60	1441.28	1881.19	2383.61	2895.05	3383.49
B50.0	105.55	146.29	215.60	309.44	450.39	648.50	885.50	1170.04	1510.03	1899.60	2314.67	2724.70
B55.0	105.55	142.50	201.83	281.17	385.27	536.09	720.28	931.09	1179.45	1465.04	1774.52	2087.89
B60.0	105.55	138.52	186.81	253.78	332.06	437.08	573.38	727.52	901.06	1095.08	1307.21	1531.64
B65.0	105.55	134.22	173.76	228.72	289.55	360.38	448.73	552.65	669.11	797.87	932.37	1071.88
B70.0	105.55	130.53	162.04	203.54	251.82	302.86	358.74	418.04	484.54	559.36	641.04	724.49
B75.0	105.55	126.98	151.07	181.24	217.61	257.04	294.82	327.01	360.09	396.19	434.32	473.39
B80.0	105.55	123.25	141.03	162.19	186.53	213.99	242.99	262.45	279.72	296.35	313.74	330.35
B85.0	105.55	119.42	132.59	146.20	160.96	176.75	193.73	201.19	209.29	217.63	225.65	233.26
B90.0	105.55	115.49	125.43	135.37	145.31	155.25	165.18	165.50	165.81	166.12	166.44	166.75
V/H	$\beta -30.0$	$\beta -25.0$	$\beta -20.0$	$\beta -15.0$	$\beta -10.0$	$\beta -5.0$	$\beta 0.0$	$\beta 5.0$	$\beta 10.0$	$\beta 15.0$	$\beta 20.0$	$\beta 25.0$
B-90.0	101.14	100.23	99.33	98.43	97.52	96.62	95.71	96.06	96.41	96.77	97.12	97.47
B-85.0	195.88	197.05	197.22	196.47	194.81	192.25	188.80	191.52	193.36	194.34	194.46	193.74
B-80.0	330.21	342.32	352.04	358.60	361.93	362.01	358.83	359.06	356.05	349.80	340.36	327.79
B-75.0	555.23	595.79	626.46	651.13	667.55	675.35	674.23	671.36	659.45	638.66	609.28	574.50
B-70.0	887.81	964.83	1026.44	1075.16	1108.97	1126.23	1127.43	1125.15	1106.55	1070.92	1019.43	953.55
B-65.0	1322.50	1457.62	1561.87	1641.76	1694.29	1717.04	1711.23	1718.66	1697.73	1647.47	1571.71	1470.25
B-60.0	1897.32	2102.96	2251.13	2364.42	2443.52	2482.35	2479.61	2482.14	2443.56	2365.53	2253.86	2110.68
B-55.0	2549.68	2838.39	3052.25	3212.84	3322.47	3378.95	3381.07	3366.55	3300.64	3187.06	3028.52	2825.20
B-50.0	3285.00	3610.54	3834.91	3984.64	4077.38	4120.22	4118.11	4104.62	4045.87	3936.29	3771.96	3541.96

**IES Flood Report**  
**Photometric Filename:200W.IES**

**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-45.0	3943.26	4219.01	4420.55	4558.83	4644.94	4686.23	4683.36	4666.14	4606.09	4502.90	4351.57	4140.05
B-40.0	4435.88	4696.73	4892.19	5025.15	5110.27	5154.09	5152.74	5130.67	5066.72	4960.48	4805.23	4599.49
B-35.0	4833.54	5084.43	5277.59	5412.67	5499.94	5541.70	5536.94	5513.60	5446.55	5333.91	5177.06	4970.23
B-30.0	5158.78	5405.79	5601.98	5737.87	5821.64	5861.53	5852.55	5826.69	5755.84	5646.56	5483.59	5267.80
B-25.0	5425.26	5676.94	5870.01	6017.05	6094.08	6128.80	6117.27	6087.06	6018.13	5901.80	5725.08	5510.98
B-20.0	5640.83	5901.48	6096.45	6233.57	6311.87	6345.95	6327.04	6293.23	6209.59	6090.78	5925.21	5704.08
B-15.0	5848.19	6084.25	6274.26	6411.15	6501.53	6523.25	6496.59	6454.92	6369.22	6234.23	6061.76	5865.63
B-10.0	6012.38	6256.75	6432.00	6569.32	6641.90	6660.12	6607.63	6556.94	6457.63	6329.47	6228.66	6086.69
B-5.0	6134.25	6391.94	6583.85	6724.78	6782.04	6780.70	6682.07	6592.48	6559.59	6566.93	6463.89	6289.94
B0.0	6215.18	6486.56	6698.29	6870.85	6975.97	7051.98	6817.98	7044.53	6967.62	6855.42	6676.03	6460.74
B5.0	6080.64	6320.82	6488.85	6591.83	6573.93	6604.58	6690.01	6789.84	6799.15	6736.23	6589.37	6388.02
B10.0	5906.43	6122.44	6252.71	6358.85	6475.99	6567.04	6632.67	6666.91	6662.00	6600.15	6465.38	6275.84
B15.0	5696.90	5895.40	6089.22	6253.33	6375.54	6470.51	6523.03	6540.25	6507.15	6437.50	6309.85	6130.88
B20.0	5469.29	5729.04	5944.47	6105.99	6229.27	6317.72	6369.56	6369.14	6321.40	6248.36	6124.58	5937.73
B25.0	5266.25	5527.96	5736.43	5906.78	6034.07	6117.56	6161.67	6157.51	6107.17	6019.44	5887.49	5702.08
B30.0	5019.14	5272.41	5481.21	5646.45	5773.77	5861.21	5904.16	5893.98	5840.17	5741.60	5605.05	5424.06
B35.0	4703.68	4968.12	5170.20	5336.31	5464.74	5548.08	5588.69	5576.30	5520.79	5414.36	5268.73	5090.98
B40.0	4313.42	4585.56	4793.18	4969.07	5093.45	5173.01	5211.51	5195.25	5135.47	5032.06	4879.66	4699.59
B45.0	3802.02	4110.02	4339.96	4514.62	4641.09	4720.56	4757.56	4741.70	4682.75	4576.48	4415.85	4197.86
B50.0	3107.12	3443.88	3722.34	3926.16	4067.71	4156.94	4196.70	4172.65	4096.33	3964.13	3768.58	3513.04
B55.0	2390.24	2670.80	2904.54	3093.82	3234.23	3323.22	3356.90	3337.51	3263.22	3137.24	2960.94	2739.96
B60.0	1751.60	1947.20	2112.51	2249.75	2353.38	2417.29	2439.03	2431.56	2381.52	2290.63	2162.20	2004.07
B65.0	1211.64	1342.42	1454.21	1544.59	1612.08	1652.23	1664.94	1659.45	1625.45	1561.99	1472.87	1360.74
B70.0	807.52	879.91	942.24	993.36	1031.39	1054.48	1062.44	1056.61	1035.45	998.95	949.04	887.86
B75.0	512.79	548.48	578.26	604.01	622.17	632.78	635.95	635.22	627.25	612.12	590.00	563.63
B80.0	346.14	358.88	370.69	380.13	387.19	391.89	394.27	394.08	391.53	386.55	379.09	369.12
B85.0	240.41	248.49	255.77	262.21	267.77	272.45	276.22	274.30	271.49	267.84	263.37	258.13
B90.0	167.06	167.42	167.78	168.13	168.49	168.85	169.20	169.23	169.25	169.27	169.30	169.32
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	97.82	97.42	97.02	96.63	96.23	95.83	95.43	108.92	122.41	135.90	149.39	162.87
B-85.0	192.09	183.84	175.35	166.45	157.07	147.50	138.31	140.91	144.59	149.27	155.53	164.95
B-80.0	314.13	291.37	268.56	245.70	224.99	204.92	186.79	179.53	172.82	168.02	165.59	167.09
B-75.0	530.76	474.62	420.22	368.43	320.69	278.05	241.80	219.06	201.84	188.32	177.58	171.13
B-70.0	869.34	764.32	659.75	557.55	464.00	382.89	317.17	270.22	233.62	208.53	189.90	175.95
B-65.0	1325.01	1148.79	977.53	815.33	664.53	528.20	416.84	335.00	273.98	229.78	201.96	180.96
B-60.0	1903.08	1652.63	1393.20	1139.11	910.50	710.82	547.06	414.91	320.78	255.35	214.03	186.50
B-55.0	2543.16	2232.23	1895.90	1545.97	1213.08	924.81	698.21	513.03	374.92	284.19	225.66	191.82
B-50.0	3232.68	2860.59	2442.87	2012.11	1575.71	1179.97	866.74	624.23	436.89	314.56	238.27	196.72
B-45.0	3852.94	3475.62	3016.19	2498.83	1976.41	1470.93	1053.01	741.12	505.25	346.28	251.33	201.22
B-40.0	4335.68	3996.30	3549.14	2992.16	2379.51	1778.15	1255.74	861.08	577.49	379.07	265.81	205.37
B-35.0	4706.81	4395.04	3985.65	3443.07	2774.82	2082.96	1464.06	982.93	648.05	412.26	279.24	209.30
B-30.0	5011.23	4696.37	4320.58	3831.28	3147.38	2372.86	1665.38	1102.66	714.04	444.70	291.71	213.07
B-25.0	5251.02	4941.44	4602.29	4144.18	3482.68	2638.83	1849.46	1215.49	773.30	475.78	302.56	216.39
B-20.0	5436.85	5181.18	4844.95	4401.88	3759.52	2875.38	2010.55	1314.39	825.32	501.78	312.51	219.23
B-15.0	5668.37	5397.31	5054.33	4607.91	3968.97	3074.27	2141.85	1391.80	866.51	523.91	320.32	221.58
B-10.0	5869.81	5581.98	5226.90	4765.73	4124.14	3224.34	2236.02	1446.58	895.38	539.25	325.96	223.42
B-5.0	6041.67	5731.72	5352.48	4877.30	4225.99	3317.63	2286.98	1473.76	910.29	547.79	329.43	224.76

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**Candela Tabulation - (Cont.)**

V/H	$\beta$ 30.0	$\beta$ 35.0	$\beta$ 40.0	$\beta$ 45.0	$\beta$ 50.0	$\beta$ 55.0	$\beta$ 60.0	$\beta$ 65.0	$\beta$ 70.0	$\beta$ 75.0	$\beta$ 80.0	$\beta$ 85.0
B0.0	6174.75	5843.16	5437.93	4945.89	4274.71	3347.91	2292.34	1473.72	911.46	549.56	330.76	225.58
B5.0	6119.33	5793.28	5399.83	4913.90	4250.32	3328.36	2291.00	1475.91	913.81	550.77	331.69	225.97
B10.0	6019.97	5701.28	5319.44	4836.17	4170.90	3244.33	2243.55	1451.09	902.57	545.25	330.45	225.82
B15.0	5879.99	5569.25	5186.40	4705.94	4033.36	3100.81	2151.83	1399.08	877.64	532.96	327.03	225.13
B20.0	5692.60	5392.11	5012.94	4520.96	3832.20	2904.50	2021.01	1325.55	840.56	513.96	321.40	223.89
B25.0	5468.43	5167.28	4792.02	4277.74	3551.55	2667.32	1859.82	1231.66	792.50	491.18	313.60	222.09
B30.0	5187.23	4892.46	4506.21	3962.03	3207.77	2399.44	1677.80	1124.39	737.19	463.39	304.92	219.74
B35.0	4857.24	4547.72	4129.74	3543.97	2821.88	2103.44	1483.19	1010.97	674.42	434.09	294.61	216.84
B40.0	4448.06	4101.78	3624.98	3046.51	2416.80	1795.22	1285.26	896.74	606.79	403.87	283.20	213.72
B45.0	3900.67	3506.11	3035.36	2518.62	1996.34	1499.72	1092.64	781.91	538.95	373.70	270.59	210.30
B50.0	3204.65	2834.25	2428.67	2002.25	1592.52	1225.94	917.98	668.02	475.33	344.39	259.47	206.44
B55.0	2476.62	2175.08	1851.96	1532.16	1238.44	987.07	755.10	561.77	417.11	316.75	248.51	202.05
B60.0	1804.35	1579.98	1352.51	1138.41	947.31	773.37	607.68	469.92	365.62	290.57	238.03	197.12
B65.0	1232.21	1096.39	961.86	831.08	705.26	591.21	485.94	393.57	322.34	267.53	225.95	191.85
B70.0	818.26	742.67	665.43	589.59	518.09	452.52	390.16	332.91	285.22	247.66	213.91	187.07
B75.0	531.44	495.31	458.05	420.78	385.06	352.34	320.39	286.11	255.46	225.96	201.36	182.40
B80.0	358.49	345.18	330.69	315.01	299.82	284.63	268.66	244.72	223.14	204.38	188.91	178.68
B85.0	252.20	247.15	241.25	234.61	227.33	219.58	211.58	200.77	191.74	184.14	178.99	177.39
B90.0	169.34	170.23	171.11	171.99	172.88	173.76	174.65	174.93	175.22	175.50	175.79	176.08
V/H	$\beta$ 90.0											
B-90.0	176.36											
B-85.0	176.36											
B-80.0	176.36											
B-75.0	176.36											
B-70.0	176.36											
B-65.0	176.36											
B-60.0	176.36											
B-55.0	176.36											
B-50.0	176.36											
B-45.0	176.36											
B-40.0	176.36											
B-35.0	176.36											
B-30.0	176.36											
B-25.0	176.36											
B-20.0	176.36											
B-15.0	176.36											
B-10.0	176.36											
B-5.0	176.36											
B0.0	176.36											
B5.0	176.36											
B10.0	176.36											
B15.0	176.36											
B20.0	176.36											
B25.0	176.36											
B30.0	176.36											
B35.0	176.36											
B40.0	176.36											

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**Candela Tabulation - (Cont.)**

V/H	$\beta$ 90.0
B45.0	176.36
B50.0	176.36
B55.0	176.36
B60.0	176.36
B65.0	176.36
B70.0	176.36
B75.0	176.36
B80.0	176.36
B85.0	176.36
B90.0	176.36