

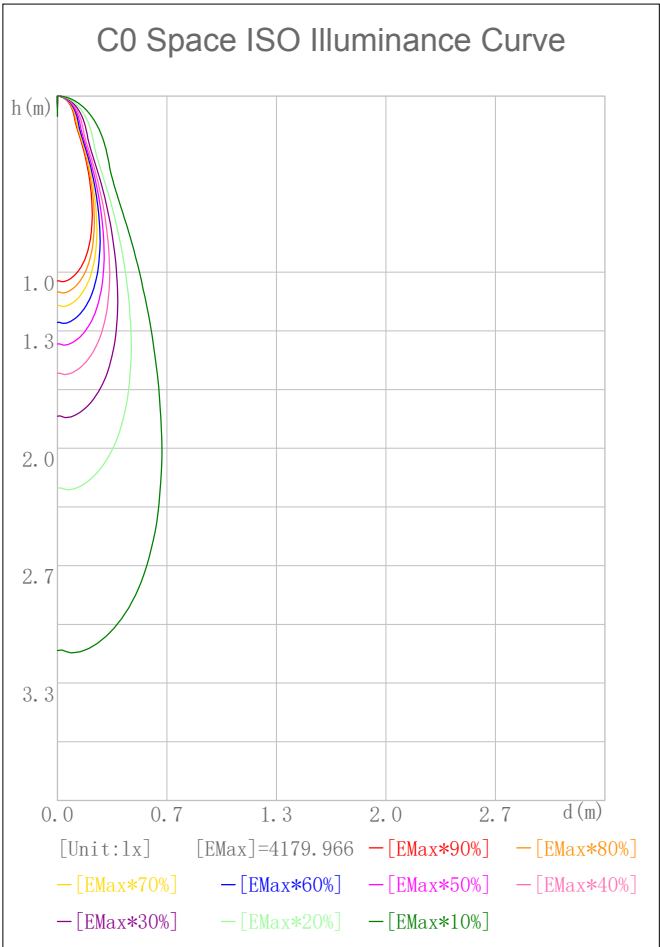
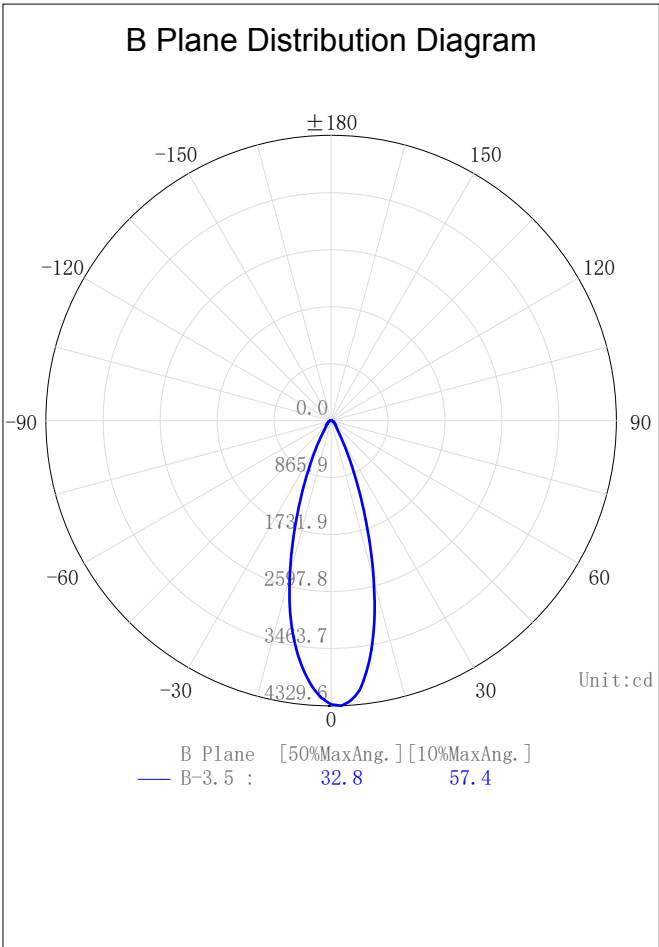
Flood Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2021/07/23
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.050m*0.050m*0.000m		Lum. Area (m2):0.002	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity (%):

Character Parameter

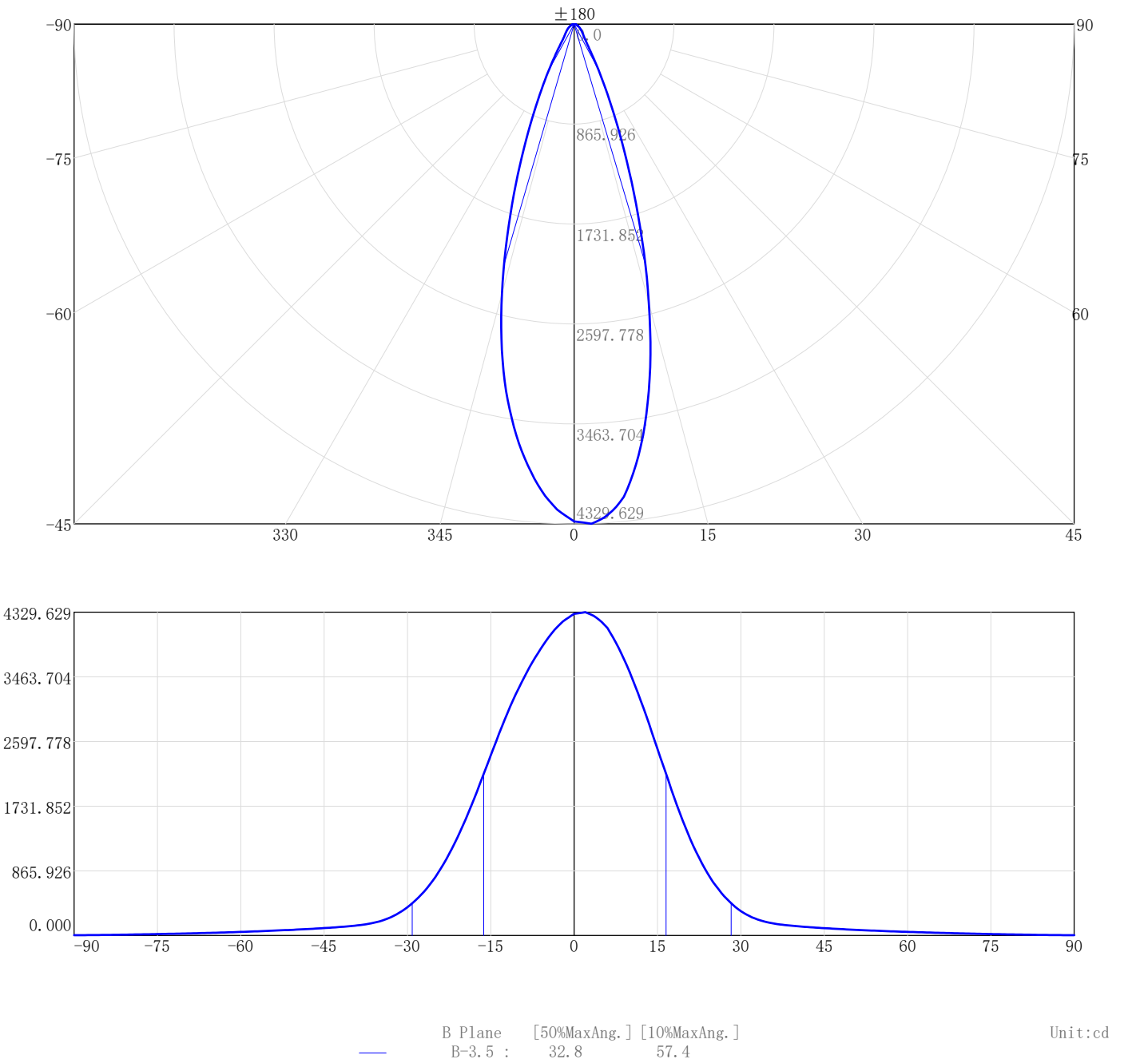
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminary Flux(lm): 1737.861	Beam Lumens(lm): 811.40	
Rated Power(W):	Luminary Efficiency: 173.79%	Beam Efficiency(%): 46.69	
Rated Voltage(V):	Luminary EER(lm/W): 80.681	Field Lumens(lm): 1394.25	
Tested Power(W): 21.540	Max. Candela(cd): 4329.629	Field Efficiency(%): 80.23	
Lamps' Inside: 1	Max Cand@Ang. (°): B=-3.5 β=2.0	ErP ϕuse(90°): 1580.900lm	
Tested Electrics (V, A, pf):23.7, 0.908	Beam Angle (50%) (V, H): 33.3(°), 32.8(°)	IRF(%): 545.716	
Lamp Size (W*L*H):0.050m*0.050m*0.000m	Field Angle (10%) (V, H): 60.8(°), 57.9(°)		



2D Plane Light Intensity Distribution Curve

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/23

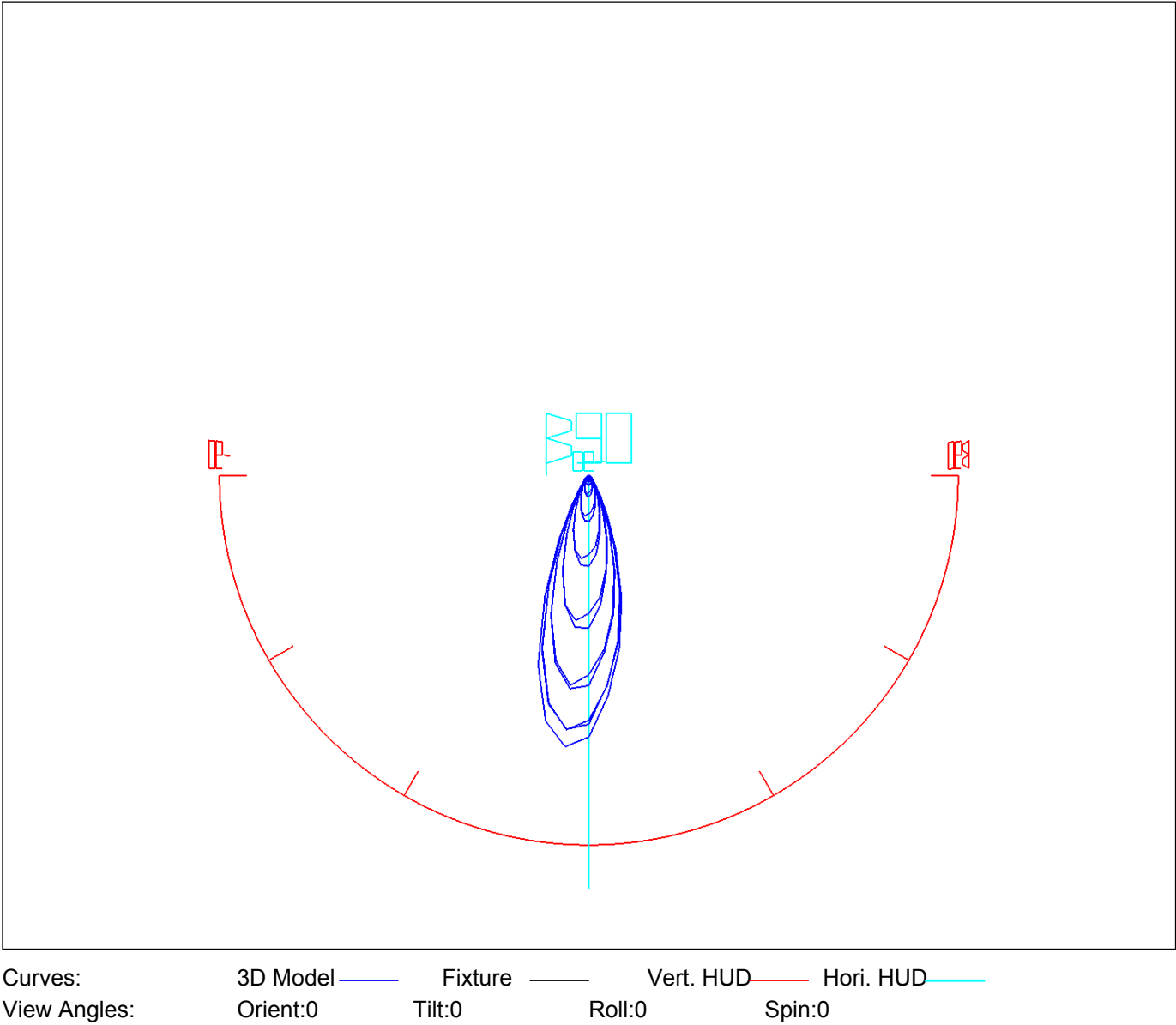
B Plane Distribution Diagram



3D Light Intensity Distribution Modal

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/23

3D Light Intensity Distribution Modal



Zone Lumens Tabulation

	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	β -30.0
B-90.0													
B-85.0	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	
B-80.0	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.04	0.05	0.05	0.06	
B-75.0	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	
B-70.0	0.00	0.01	0.01	0.02	0.03	0.04	0.05	0.07	0.08	0.10	0.12	0.17	
B-65.0	0.00	0.01	0.01	0.03	0.04	0.06	0.08	0.10	0.13	0.16	0.19	0.21	
B-60.0	0.00	0.01	0.02	0.03	0.05	0.07	0.09	0.12	0.16	0.19	0.23	0.27	
B-55.0	0.00	0.01	0.02	0.03	0.05	0.08	0.11	0.15	0.19	0.23	0.28	0.33	
B-50.0	0.00	0.01	0.02	0.04	0.06	0.09	0.13	0.17	0.22	0.28	0.34	0.40	
B-45.0	0.00	0.01	0.02	0.04	0.07	0.10	0.14	0.19	0.25	0.32	0.40	0.48	
B-40.0	0.00	0.01	0.02	0.04	0.07	0.11	0.16	0.22	0.29	0.37	0.47	0.58	
B-35.0	0.00	0.01	0.02	0.05	0.08	0.12	0.17	0.24	0.32	0.42	0.54	0.68	
B-30.0	0.00	0.01	0.02	0.05	0.08	0.13	0.19	0.26	0.36	0.47	0.62	0.80	
B-25.0	0.00	0.01	0.03	0.05	0.09	0.14	0.20	0.28	0.39	0.52	0.69	0.95	
B-20.0	0.00	0.01	0.03	0.05	0.09	0.14	0.21	0.30	0.42	0.57	0.77	1.16	
B-15.0	0.00	0.01	0.03	0.05	0.09	0.15	0.22	0.32	0.44	0.60	0.85	1.40	
B-10.0	0.00	0.01	0.03	0.05	0.09	0.15	0.23	0.33	0.45	0.63	0.90	1.63	
B-5.0	0.00	0.01	0.03	0.06	0.10	0.15	0.23	0.33	0.46	0.64	0.93	1.75	
B0.0	0.00	0.01	0.03	0.06	0.10	0.15	0.23	0.33	0.46	0.63	0.92	1.70	
B5.0	0.00	0.01	0.03	0.05	0.09	0.15	0.22	0.32	0.44	0.61	0.87	1.51	
B10.0	0.00	0.01	0.03	0.05	0.09	0.14	0.21	0.31	0.42	0.57	0.79	1.26	
B15.0	0.00	0.01	0.03	0.05	0.09	0.14	0.20	0.29	0.40	0.53	0.71	1.02	
B20.0	0.00	0.01	0.03	0.05	0.08	0.13	0.19	0.27	0.36	0.48	0.63	0.84	
B25.0	0.00	0.01	0.02	0.05	0.08	0.12	0.18	0.25	0.33	0.43	0.55	0.71	
B30.0	0.00	0.01	0.02	0.04	0.07	0.11	0.16	0.22	0.30	0.38	0.48	0.60	
B35.0	0.00	0.01	0.02	0.04	0.07	0.10	0.15	0.20	0.26	0.33	0.42	0.51	
B40.0	0.00	0.01	0.02	0.04	0.06	0.09	0.13	0.17	0.23	0.29	0.36	0.43	
B45.0	0.00	0.01	0.02	0.03	0.05	0.08	0.11	0.15	0.20	0.25	0.30	0.36	
B50.0	0.00	0.01	0.02	0.03	0.05	0.07	0.10	0.13	0.17	0.21	0.25	0.29	
B55.0	0.00	0.01	0.02	0.03	0.04	0.06	0.08	0.11	0.14	0.17	0.20	0.24	
B60.0	0.00	0.01	0.01	0.02	0.04	0.05	0.07	0.09	0.11	0.14	0.16	0.18	
B65.0	0.00	0.01	0.01	0.02	0.03	0.04	0.06	0.07	0.09	0.10	0.12	0.14	
B70.0	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.08	0.09	0.10	
B75.0	0.00	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.07	
B80.0	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.03	0.04	0.04	
B85.0	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
B90.0													
Total	0.01	0.03	0.06	0.09	0.14	0.21	0.28	0.37	0.48	0.60	0.74	0.90	

	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-90.0	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.02	0.02	0.02	0.03	
B-85.0	0.06	0.06	0.06	0.05	0.05	0.04	0.04	0.05	0.05	0.05	0.06	0.06	
B-80.0	0.10	0.10	0.10	0.10	0.10	0.09	0.09	0.09	0.10	0.10	0.09	0.09	
B-75.0	0.14	0.14	0.15	0.15	0.16	0.15	0.15	0.15	0.15	0.15	0.14	0.13	
B-70.0	0.18	0.20	0.21	0.22	0.23	0.23	0.23	0.23	0.22	0.21	0.20	0.18	
B-65.0	0.24	0.27	0.29	0.30	0.31	0.32	0.32	0.31	0.30	0.29	0.26	0.24	
B-60.0	0.31	0.34	0.37	0.40	0.41	0.42	0.42	0.42	0.40	0.37	0.34	0.31	
B-55.0	0.38	0.43	0.47	0.51	0.54	0.55	0.55	0.54	0.51	0.48	0.43	0.39	
B-50.0													

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-50.0													
B-45.0	0.47	0.53	0.60	0.65	0.69	0.72	0.72	0.70	0.66	0.60	0.54	0.48	
B-40.0	0.57	0.66	0.75	0.84	0.91	0.96	0.97	0.92	0.85	0.77	0.68	0.58	
B-35.0	0.69	0.83	0.99	1.17	1.34	1.47	1.47	1.35	1.18	1.00	0.85	0.71	
B-30.0	0.85	1.09	1.46	1.96	2.47	2.83	2.84	2.49	1.98	1.48	1.11	0.87	
B-25.0	1.09	1.63	2.56	3.79	5.02	5.92	5.96	5.11	3.88	2.63	1.66	1.11	
B-20.0	1.49	2.62	4.50	7.00	9.56	11.39	11.50	9.84	7.28	4.67	2.70	1.53	
B-15.0	2.09	4.04	7.29	11.59	15.87	18.78	19.03	16.53	12.27	7.69	4.23	2.15	
B-10.0	2.82	5.68	10.41	16.52	22.28	26.01	26.47	23.36	17.68	11.20	5.94	2.80	
B-5.0	3.47	7.13	12.97	20.15	26.41	30.49	31.32	28.14	21.72	13.72	7.13	3.27	
B0.0	3.80	7.79	14.02	21.31	27.37	31.37	32.30	29.03	22.23	14.08	7.33	3.34	
B5.0	3.65	7.38	13.07	19.60	24.84	28.22	29.09	26.20	20.23	12.89	6.78	3.13	
B10.0	3.10	6.08	10.56	15.88	20.62	23.41	23.89	21.66	16.67	10.64	5.72	2.72	
B15.0	2.37	4.45	7.75	11.93	15.77	17.90	18.09	16.17	12.25	7.76	4.23	2.12	
B20.0	1.70	3.08	5.27	8.02	10.55	12.02	12.06	10.57	7.94	5.10	2.88	1.56	
B25.0	1.24	2.03	3.29	4.84	6.23	7.07	7.04	6.11	4.62	3.07	1.87	1.16	
B30.0	0.93	1.31	1.94	2.71	3.38	3.78	3.74	3.26	2.53	1.79	1.24	0.91	
B35.0	0.75	0.93	1.18	1.49	1.77	1.94	1.92	1.72	1.42	1.13	0.91	0.75	
B40.0	0.62	0.72	0.84	0.95	1.05	1.12	1.11	1.04	0.94	0.83	0.72	0.62	
B45.0	0.51	0.59	0.66	0.72	0.77	0.79	0.79	0.76	0.72	0.66	0.59	0.52	
B50.0	0.42	0.47	0.52	0.57	0.59	0.61	0.61	0.59	0.57	0.53	0.48	0.43	
B55.0	0.34	0.38	0.42	0.44	0.46	0.47	0.47	0.47	0.45	0.42	0.39	0.35	
B60.0	0.27	0.30	0.32	0.34	0.36	0.36	0.36	0.36	0.35	0.33	0.31	0.28	
B65.0	0.21	0.23	0.25	0.26	0.27	0.27	0.27	0.27	0.26	0.25	0.24	0.22	
B70.0	0.15	0.17	0.18	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.17	
B75.0	0.11	0.11	0.12	0.12	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.12	
B80.0	0.07	0.07	0.07	0.07	0.07	0.06	0.07	0.07	0.08	0.08	0.08	0.09	
B85.0	0.04	0.04	0.04	0.03	0.03	0.02	0.03	0.03	0.04	0.04	0.04	0.04	
B90.0	0.02	0.01	0.01	0.01	0.01	0.00	0.00	0.01	0.01	0.01	0.02	0.02	
Total	1.08	1.29	1.51	1.77	2.05	2.35	2.70	3.08	3.53	4.10	4.93	6.19	

	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	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00	
B-80.0	0.05	0.05	0.05	0.04	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.00	
B-75.0	0.09	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.02	0.01	0.01	0.00	
B-70.0	0.12	0.11	0.10	0.08	0.07	0.06	0.04	0.03	0.02	0.01	0.01	0.00	
B-65.0	0.17	0.15	0.13	0.11	0.09	0.07	0.05	0.04	0.02	0.01	0.01	0.00	
B-60.0	0.21	0.19	0.16	0.13	0.11	0.08	0.06	0.04	0.03	0.01	0.01	0.00	
B-55.0	0.27	0.23	0.20	0.16	0.13	0.10	0.07	0.05	0.03	0.02	0.01	0.00	
B-50.0	0.34	0.29	0.24	0.19	0.15	0.12	0.08	0.06	0.03	0.02	0.01	0.00	
B-45.0	0.41	0.34	0.28	0.23	0.18	0.13	0.09	0.06	0.04	0.02	0.01	0.00	
B-40.0	0.49	0.41	0.33	0.26	0.20	0.15	0.10	0.07	0.04	0.02	0.01	0.00	
B-35.0	0.59	0.48	0.38	0.30	0.22	0.16	0.11	0.07	0.04	0.02	0.01	0.00	
B-30.0	0.69	0.55	0.43	0.33	0.25	0.18	0.12	0.08	0.05	0.02	0.01	0.00	
B-25.0	0.82	0.63	0.48	0.36	0.27	0.19	0.13	0.08	0.05	0.03	0.01	0.00	
B-20.0	0.97	0.71	0.53	0.39	0.29	0.20	0.14	0.09	0.05	0.03	0.01	0.00	
B-15.0	1.16	0.78	0.57	0.42	0.30	0.21	0.15	0.09	0.05	0.03	0.01	0.00	
B-10.0	1.37	0.84	0.60	0.44	0.32	0.22	0.15	0.10	0.05	0.03	0.01	0.00	

IES Flood Report

Photometric Filename:SL-T12-2400-A.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-10.0													
B-5.0	1.50	0.88	0.62	0.45	0.33	0.23	0.15	0.10	0.06	0.03	0.01	0.00	
B0.0	1.51	0.88	0.63	0.46	0.33	0.23	0.15	0.10	0.06	0.03	0.01	0.00	
B5.0	1.44	0.86	0.62	0.46	0.33	0.23	0.15	0.10	0.06	0.03	0.01	0.00	
B10.0	1.32	0.83	0.60	0.44	0.32	0.22	0.15	0.10	0.06	0.03	0.01	0.00	
B15.0	1.15	0.77	0.57	0.43	0.31	0.22	0.15	0.09	0.05	0.03	0.01	0.00	
B20.0	0.97	0.71	0.54	0.40	0.29	0.21	0.14	0.09	0.05	0.03	0.01	0.00	
B25.0	0.83	0.64	0.49	0.37	0.28	0.20	0.14	0.09	0.05	0.03	0.01	0.00	
B30.0	0.71	0.57	0.44	0.34	0.25	0.18	0.13	0.08	0.05	0.02	0.01	0.00	
B35.0	0.61	0.50	0.40	0.31	0.23	0.17	0.12	0.08	0.05	0.02	0.01	0.00	
B40.0	0.52	0.43	0.35	0.27	0.21	0.15	0.11	0.07	0.04	0.02	0.01	0.00	
B45.0	0.44	0.37	0.30	0.24	0.19	0.14	0.10	0.06	0.04	0.02	0.01	0.00	
B50.0	0.37	0.31	0.26	0.21	0.16	0.12	0.09	0.06	0.04	0.02	0.01	0.00	
B55.0	0.31	0.26	0.22	0.18	0.14	0.11	0.08	0.05	0.03	0.02	0.01	0.00	
B60.0	0.25	0.22	0.18	0.15	0.12	0.09	0.07	0.04	0.03	0.02	0.01	0.00	
B65.0	0.20	0.17	0.15	0.12	0.10	0.08	0.06	0.04	0.02	0.01	0.01	0.00	
B70.0	0.15	0.14	0.12	0.10	0.08	0.06	0.05	0.03	0.02	0.01	0.01	0.00	
B75.0	0.11	0.10	0.09	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.01	0.00	
B80.0	0.08	0.07	0.06	0.05	0.04	0.04	0.03	0.02	0.01	0.01	0.01	0.00	
B85.0	0.04	0.04	0.03	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.00	
B90.0	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00	
Total	8.07	10.72	14.38	19.19	25.13	32.09	39.62	47.11	53.96	59.79	64.37	67.39	

β 90.0	Total
B-90.0	
B-85.0	0.17
B-80.0	0.22
B-75.0	0.29
B-70.0	0.38
B-65.0	0.48
B-60.0	0.58
B-55.0	0.70
B-50.0	0.83
B-45.0	0.97
B-40.0	1.12
B-35.0	1.28
B-30.0	1.46
B-25.0	1.64
B-20.0	1.85
B-15.0	2.06
B-10.0	2.30
B-5.0	2.56
B0.0	2.85
B5.0	3.17
B10.0	3.56
B15.0	4.06
B20.0	4.77
B25.0	5.84
B30.0	7.48

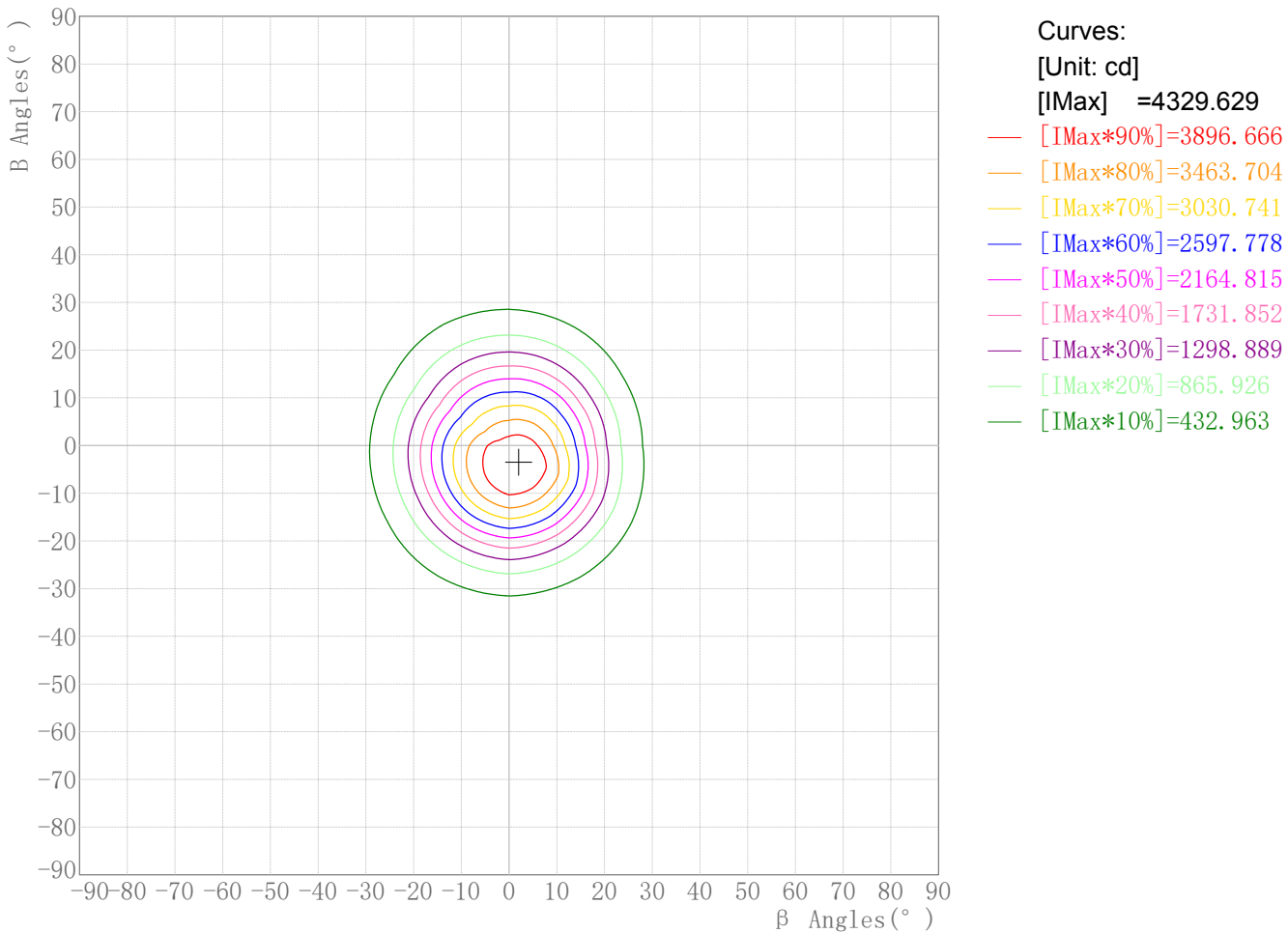
Zone Lumens Tabulation - (Cont.)

ø 90.0	Total
B30.0	9.87
B35.0	13.13
B40.0	17.36
B45.0	22.55
B50.0	28.51
B55.0	34.90
B60.0	41.16
B65.0	46.72
B70.0	51.10
B75.0	54.03
B80.0	55.32
B85.0	55.02
B90.0	
Total	1737.86

Rectangle ISO Lighting Intensity Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/23

ISO Lighting Intensity Curve



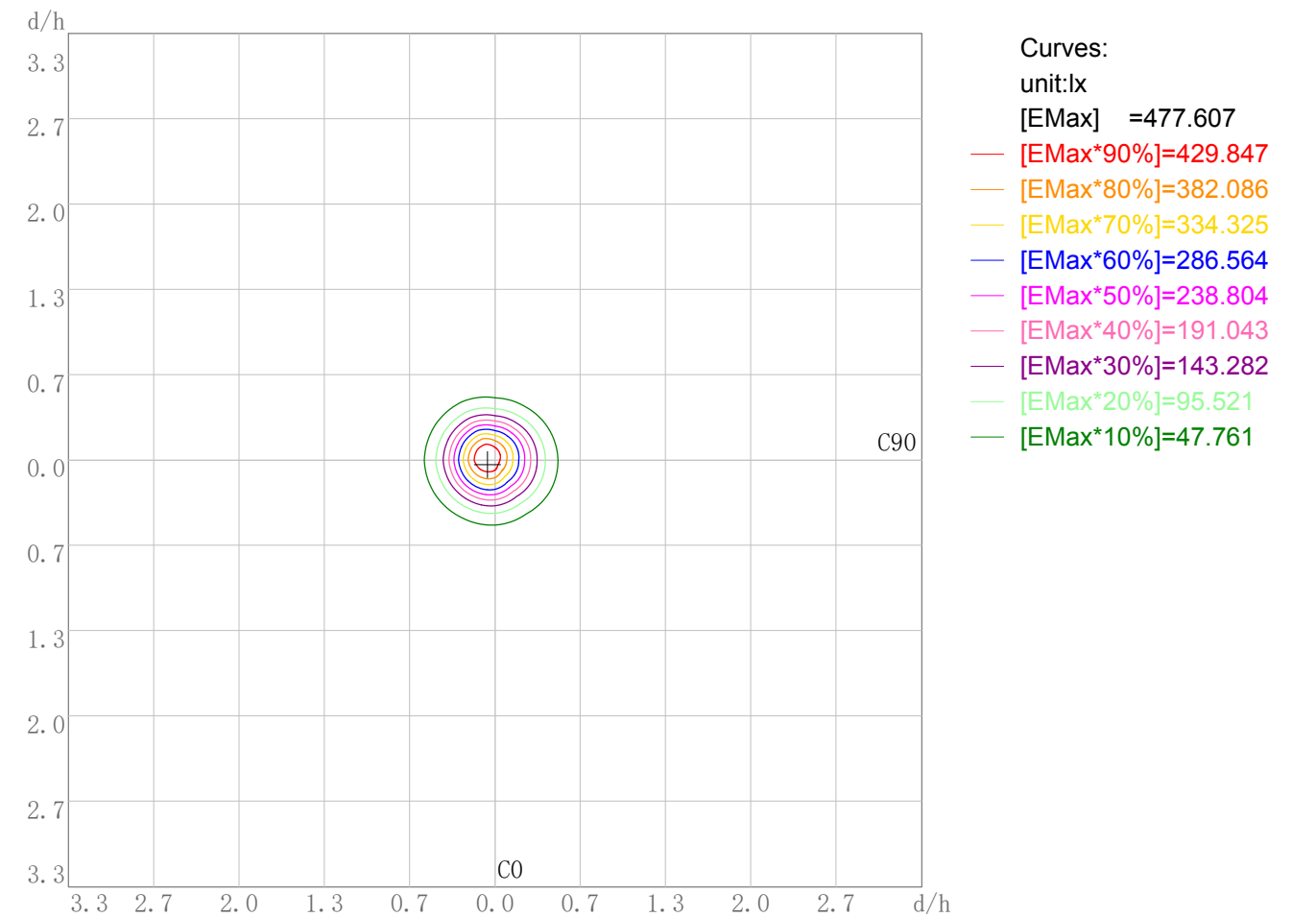
Maximum Light Intensity(cd): 4329.63  
Maximum Cand.@Angle: H=2.0°,V=-3.5°



Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/23

Plane ISO-Illuminance Curve

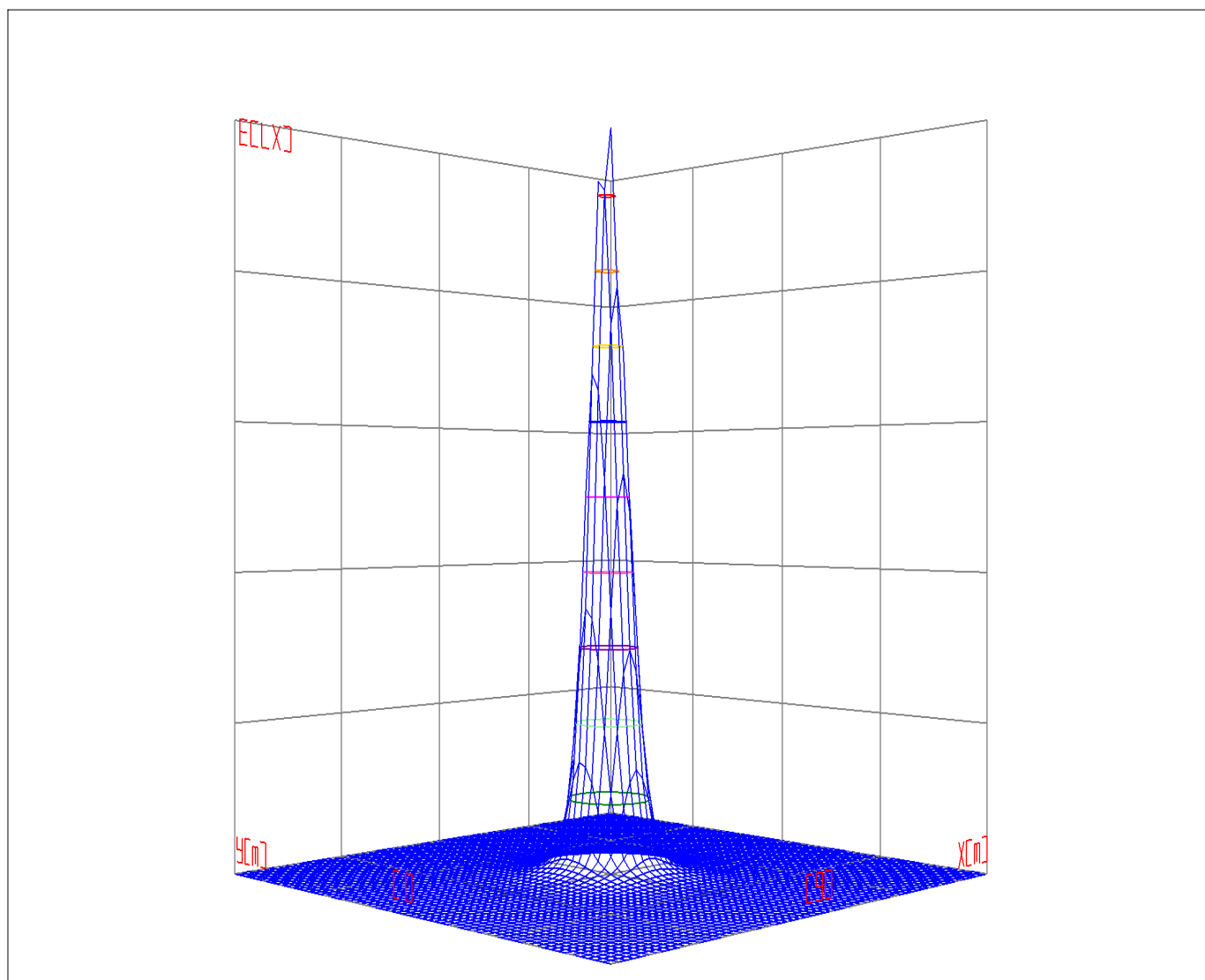


Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 477.61  
Working Plane Maximum Illuminance Position(d/h):H-0.1 V0.0

### 3D Plane ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/23

### 3D Plane Illuminance Model

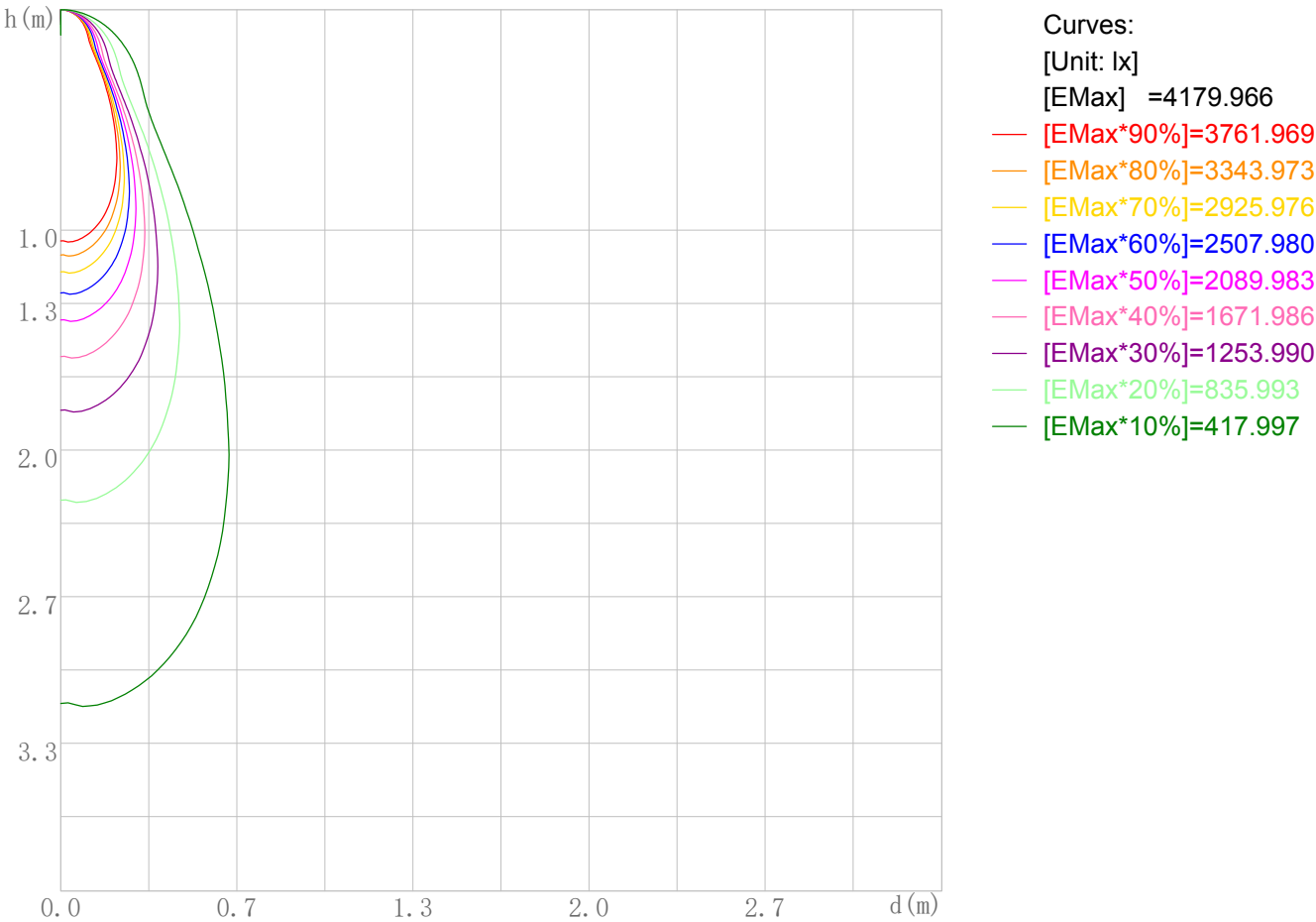


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/23

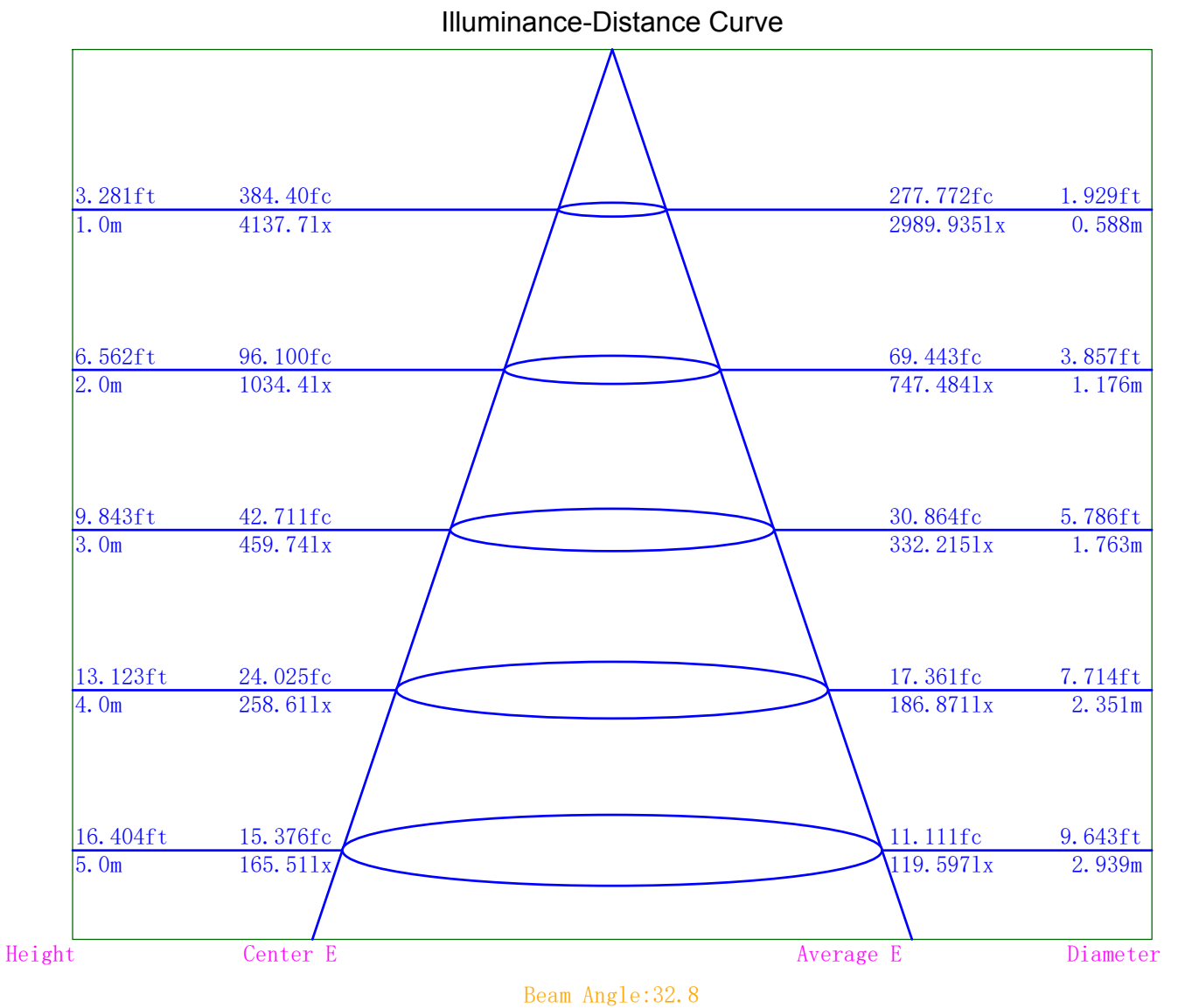
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:4179.97lx,1.5deg  
Plane Maximum Lighting Intensity and @Angle:4184.266cd,0deg

Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/07/23



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	5.60	5.61	5.62	5.63	5.64	5.66	5.67	5.40	5.13	4.86	4.59	4.32
B-85.0	5.60	5.65	5.70	5.83	6.00	6.24	6.58	6.65	6.73	6.80	6.85	6.90
B-80.0	5.60	5.69	5.92	6.44	7.11	7.82	8.56	9.09	9.65	10.23	10.77	11.27
B-75.0	5.60	5.77	6.37	7.36	8.46	9.63	10.83	11.90	13.00	14.11	15.15	16.09
B-70.0	5.60	5.87	6.95	8.36	9.95	11.63	13.38	15.22	16.97	18.62	20.16	21.62
B-65.0	5.60	6.00	7.56	9.42	11.56	13.89	16.43	18.93	21.30	23.68	26.03	28.27
B-60.0	5.60	6.25	8.18	10.57	13.30	16.38	19.59	22.84	26.07	29.32	32.64	35.88
B-55.0	5.60	6.49	8.80	11.74	15.16	18.89	22.84	26.98	31.14	35.58	39.98	44.36
B-50.0	5.60	6.72	9.43	12.93	17.00	21.40	26.19	31.21	36.68	42.30	48.24	54.11
B-45.0	5.60	6.96	10.05	14.13	18.77	23.94	29.50	35.69	42.46	49.75	57.10	64.77
B-40.0	5.60	7.17	10.68	15.27	20.48	26.40	32.84	40.20	48.56	57.24	66.60	76.60
B-35.0	5.60	7.36	11.26	16.32	22.11	28.69	36.10	44.67	54.41	65.00	76.59	90.05
B-30.0	5.60	7.55	11.78	17.27	23.63	30.83	39.17	49.07	60.12	72.69	87.43	104.41
B-25.0	5.60	7.70	12.24	18.10	24.97	32.77	41.96	52.99	65.53	80.07	97.85	119.91
B-20.0	5.60	7.83	12.64	18.78	26.12	34.44	44.42	56.46	70.44	87.16	107.79	136.63
B-15.0	5.60	7.93	12.96	19.35	27.03	35.77	46.47	59.32	74.50	92.97	116.73	155.83
B-10.0	5.60	8.00	13.18	19.75	27.68	36.76	47.99	61.44	77.48	97.37	123.73	174.98
B-5.0	5.60	8.04	13.32	19.99	28.07	37.34	48.89	62.74	79.30	99.83	127.98	188.89
B0.0	5.60	8.04	13.36	20.07	28.20	37.51	49.14	63.13	79.80	100.30	128.58	190.81
B5.0	5.60	8.01	13.26	19.87	27.88	37.03	48.39	62.01	78.17	98.04	125.12	181.72
B10.0	5.60	7.94	13.06	19.52	27.30	36.15	47.01	60.03	75.30	93.96	118.35	163.13
B15.0	5.60	7.84	12.77	19.00	26.46	34.88	45.07	57.30	71.41	88.25	109.50	142.43
B20.0	5.60	7.72	12.40	18.33	25.38	33.31	42.69	53.93	66.60	81.38	99.21	123.41
B25.0	5.60	7.57	11.94	17.54	24.09	31.44	39.97	49.97	61.29	73.90	88.67	107.01
B30.0	5.60	7.39	11.43	16.62	22.63	29.34	36.94	45.71	55.59	66.18	78.28	93.12
B35.0	5.60	7.18	10.86	15.60	21.01	27.07	33.72	41.27	49.65	58.60	68.76	80.27
B40.0	5.60	6.97	10.24	14.50	19.29	24.66	30.41	36.78	43.71	51.49	59.75	68.57
B45.0	5.60	6.75	9.57	13.33	17.51	22.15	27.06	32.30	38.06	44.31	51.09	57.91
B50.0	5.60	6.52	8.91	12.12	15.70	19.60	23.71	27.99	32.65	37.67	42.75	47.97
B55.0	5.60	6.28	8.25	10.88	13.87	17.06	20.43	23.83	27.55	31.38	35.29	39.04
B60.0	5.60	6.07	7.60	9.67	12.06	14.57	17.24	19.93	22.71	25.61	28.47	31.24
B65.0	5.60	5.85	6.98	8.50	10.30	12.22	14.16	16.18	18.18	20.18	22.21	24.19
B70.0	5.60	5.73	6.42	7.41	8.66	10.00	11.36	12.69	13.99	15.28	16.53	17.68
B75.0	5.60	5.65	5.95	6.48	7.15	7.98	8.83	9.60	10.35	11.07	11.70	12.25
B80.0	5.60	5.59	5.63	5.79	6.00	6.25	6.57	6.85	7.14	7.42	7.66	7.85
B85.0	5.60	5.56	5.51	5.47	5.42	5.38	5.32	4.94	4.63	4.38	4.12	3.89
B90.0	5.60	5.53	5.45	5.38	5.31	5.23	5.16	4.63	4.10	3.57	3.04	2.52
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	4.05	3.38	2.70	2.03	1.35	0.68	0.00	0.36	0.71	1.07	1.43	1.78
B-85.0	6.94	6.37	5.73	5.06	4.36	3.61	2.83	3.50	4.12	4.71	5.25	5.75
B-80.0	11.75	11.36	10.85	10.26	9.58	8.81	7.96	8.68	9.31	9.85	10.31	10.70
B-75.0	16.89	17.01	16.93	16.78	16.50	16.05	15.43	15.96	16.31	16.49	16.52	16.46
B-70.0	22.99	23.91	24.55	25.00	25.23	25.19	24.85	25.14	25.13	24.85	24.32	23.60
B-65.0	30.42	32.20	33.58	34.66	35.41	35.75	35.65	35.70	35.30	34.48	33.35	31.94
B-60.0	38.85	41.51	43.87	45.87	47.38	48.28	48.53	48.33	47.45	45.94	43.88	41.43
B-55.0	48.60	52.60	56.17	59.18	61.54	63.08	63.67	63.25	61.85	59.60	56.64	53.00
B-50.0	59.80	65.34	70.62	75.36	79.01	81.55	82.65	81.88	79.64	76.14	71.57	66.27

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	72.72	80.44	88.22	95.53	101.68	106.37	108.68	106.91	102.75	96.98	89.91	81.98
B-40.0	87.58	98.70	110.69	123.50	136.05	146.36	151.86	147.09	137.45	125.68	113.08	100.95
B-35.0	104.82	122.21	144.59	175.16	211.80	244.51	261.36	245.31	213.15	177.25	147.34	124.97
B-30.0	125.83	158.14	216.02	305.50	409.64	500.96	547.10	505.31	417.39	311.62	219.06	160.64
B-25.0	153.99	226.38	366.21	574.13	806.64	1017.38	1129.04	1032.90	829.70	589.83	377.77	230.91
B-20.0	197.09	341.37	606.59	999.49	1456.33	1835.28	2033.35	1882.05	1521.59	1046.36	631.56	352.98
B-15.0	257.17	491.26	920.75	1543.50	2251.57	2814.75	3098.61	2896.74	2382.90	1653.46	974.71	510.25
B-10.0	323.74	652.11	1236.16	2063.12	2939.85	3597.08	3941.98	3754.01	3137.39	2244.29	1302.36	648.74
B-5.0	372.54	764.25	1447.77	2379.32	3287.80	3936.52	4305.17	4163.41	3541.82	2501.24	1453.64	718.63
B0.0	382.92	782.02	1469.39	2377.12	3229.07	3847.23	4137.69	3990.27	3344.56	2364.87	1378.96	678.08
B5.0	349.11	696.08	1281.35	2037.82	2736.20	3262.24	3497.52	3426.10	2908.61	2086.77	1232.29	623.35
B10.0	287.39	548.01	976.64	1547.14	2188.89	2631.63	2777.82	2705.29	2283.34	1607.92	956.36	498.00
B15.0	220.61	387.03	685.63	1106.93	1551.17	1885.97	2000.58	1911.70	1574.99	1103.44	663.41	356.55
B20.0	167.63	270.91	453.34	703.01	972.86	1174.80	1243.93	1168.17	958.21	672.93	422.97	249.13
B25.0	133.98	185.04	280.94	414.56	551.43	651.19	685.54	637.61	527.14	383.57	258.85	173.77
B30.0	110.83	134.90	173.85	232.52	293.15	338.87	354.14	329.91	278.30	216.41	165.01	132.12
B35.0	93.11	107.00	123.25	142.67	163.06	179.45	185.24	176.68	159.12	139.28	121.65	107.22
B40.0	77.86	87.58	97.19	105.65	113.06	118.62	120.51	118.29	112.69	105.32	96.96	88.11
B45.0	64.77	71.60	77.75	83.30	87.40	89.92	90.50	89.91	87.39	83.34	78.19	72.47
B50.0	53.13	58.01	62.38	66.00	68.66	70.16	70.44	70.30	68.96	66.54	63.23	59.25
B55.0	42.68	46.14	49.18	51.67	53.45	54.44	54.56	54.70	53.99	52.49	50.34	47.70
B60.0	33.83	36.07	37.94	39.51	40.60	41.14	41.10	41.46	41.23	40.45	39.20	37.66
B65.0	25.99	27.44	28.56	29.41	29.94	30.09	29.84	30.41	30.59	30.39	29.92	29.18
B70.0	18.75	19.54	20.10	20.44	20.54	20.37	19.91	20.75	21.33	21.66	21.79	21.75
B75.0	12.70	12.84	12.83	12.71	12.44	12.02	11.42	12.49	13.40	14.15	14.76	15.25
B80.0	8.00	7.73	7.37	6.92	6.39	5.79	5.10	6.19	7.19	8.09	8.87	9.53
B85.0	3.69	3.37	3.00	2.58	2.12	1.63	1.11	1.61	2.09	2.54	2.97	3.36
B90.0	1.99	1.65	1.32	0.99	0.66	0.33	0.00	0.47	0.95	1.42	1.89	2.37
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	2.14	2.60	3.06	3.52	3.98	4.45	4.91	5.02	5.13	5.24	5.35	5.46
B-85.0	6.19	6.21	6.20	6.17	6.14	6.12	6.12	5.80	5.62	5.52	5.48	5.51
B-80.0	10.99	10.78	10.49	10.12	9.66	9.13	8.53	7.59	6.77	6.11	5.72	5.57
B-75.0	16.25	15.71	15.07	14.34	13.50	12.55	11.44	9.88	8.38	7.04	6.08	5.66
B-70.0	22.70	21.58	20.35	19.00	17.59	16.12	14.43	12.32	10.23	8.24	6.60	5.76
B-65.0	30.33	28.51	26.52	24.39	22.18	19.95	17.46	14.80	12.14	9.54	7.26	5.88
B-60.0	38.91	36.20	33.35	30.33	27.26	24.16	20.69	17.25	14.04	10.89	8.00	6.03
B-55.0	49.04	44.96	40.85	36.72	32.64	28.58	24.05	19.78	15.89	12.22	8.76	6.17
B-50.0	60.68	55.06	49.24	43.59	38.30	32.96	27.52	22.35	17.70	13.49	9.50	6.37
B-45.0	73.99	65.97	58.31	51.04	44.16	37.39	30.95	24.93	19.47	14.68	10.22	6.60
B-40.0	89.38	78.16	67.98	58.68	50.07	41.82	34.33	27.45	21.18	15.79	10.92	6.82
B-35.0	107.15	91.94	78.24	66.52	55.81	46.09	37.56	29.82	22.79	16.82	11.55	7.02
B-30.0	128.30	106.74	89.20	74.08	61.26	50.22	40.57	32.01	24.30	17.73	12.11	7.23
B-25.0	156.53	122.31	99.60	81.22	66.45	53.98	43.22	33.93	25.63	18.54	12.58	7.41
B-20.0	201.75	138.18	109.28	87.99	71.08	57.22	45.49	35.58	26.78	19.21	12.97	7.56
B-15.0	257.35	155.09	117.13	93.44	74.86	59.85	47.34	36.88	27.68	19.74	13.27	7.67
B-10.0	305.69	169.22	122.92	97.29	77.57	61.78	48.67	37.81	28.31	20.11	13.47	7.75
B-5.0	328.49	175.43	125.83	99.28	79.07	62.87	49.41	38.34	28.66	20.30	13.58	7.79

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
B0.0	311.80	169.86	125.14	99.22	79.26	63.06	49.54	38.44	28.73	20.33	13.60	7.80
B5.0	294.07	164.86	122.59	97.56	78.09	62.28	49.03	38.10	28.50	20.20	13.52	7.77
B10.0	250.51	152.48	117.11	94.05	75.68	60.63	47.92	37.34	28.00	19.91	13.34	7.71
B15.0	200.04	137.52	109.60	89.02	72.20	58.22	46.26	36.19	27.22	19.45	13.08	7.61
B20.0	158.98	122.72	100.75	82.88	67.85	55.17	44.15	34.70	26.18	18.84	12.72	7.48
B25.0	131.58	108.68	90.91	75.85	62.93	51.62	41.67	32.89	24.90	18.09	12.28	7.32
B30.0	111.45	95.28	81.05	68.51	57.61	47.67	38.83	30.83	23.45	17.20	11.75	7.12
B35.0	94.41	82.33	71.19	61.22	52.00	43.46	35.71	28.53	21.87	16.20	11.15	6.90
B40.0	79.29	70.46	62.00	53.96	46.38	39.16	32.43	26.03	20.20	15.08	10.49	6.68
B45.0	66.26	59.82	53.27	46.92	40.76	34.77	29.01	23.42	18.45	13.89	9.76	6.47
B50.0	54.80	50.01	45.07	40.13	35.27	30.41	25.48	20.84	16.61	12.64	9.04	6.24
B55.0	44.52	41.09	37.53	33.80	30.00	26.03	22.02	18.30	14.68	11.36	8.30	6.05
B60.0	35.68	33.30	30.72	27.91	24.89	21.80	18.77	15.70	12.75	10.03	7.57	5.93
B65.0	28.03	26.39	24.48	22.37	20.19	17.93	15.51	13.10	10.89	8.73	6.86	5.81
B70.0	21.33	20.20	18.89	17.45	15.86	14.10	12.33	10.70	9.05	7.54	6.26	5.72
B75.0	15.45	14.70	13.82	12.82	11.73	10.61	9.52	8.43	7.41	6.44	5.86	5.65
B80.0	9.90	9.35	8.77	8.21	7.74	7.36	7.08	6.51	6.05	5.76	5.64	5.58
B85.0	3.72	4.02	4.32	4.62	4.88	5.15	5.46	5.45	5.46	5.48	5.50	5.53
B90.0	2.84	3.22	3.60	3.98	4.36	4.74	5.12	5.19	5.27	5.34	5.42	5.49
V/H	β 90.0											
B-90.0	5.57											
B-85.0	5.57											
B-80.0	5.57											
B-75.0	5.57											
B-70.0	5.57											
B-65.0	5.57											
B-60.0	5.57											
B-55.0	5.57											
B-50.0	5.57											
B-45.0	5.57											
B-40.0	5.57											
B-35.0	5.57											
B-30.0	5.57											
B-25.0	5.57											
B-20.0	5.57											
B-15.0	5.57											
B-10.0	5.57											
B-5.0	5.57											
B0.0	5.57											
B5.0	5.57											
B10.0	5.57											
B15.0	5.57											
B20.0	5.57											
B25.0	5.57											
B30.0	5.57											
B35.0	5.57											
B40.0	5.57											

Candela Tabulation - (Cont.)

V/H	β 90.0
B45.0	5.57
B50.0	5.57
B55.0	5.57
B60.0	5.57
B65.0	5.57
B70.0	5.57
B75.0	5.57
B80.0	5.57
B85.0	5.57
B90.0	5.57