

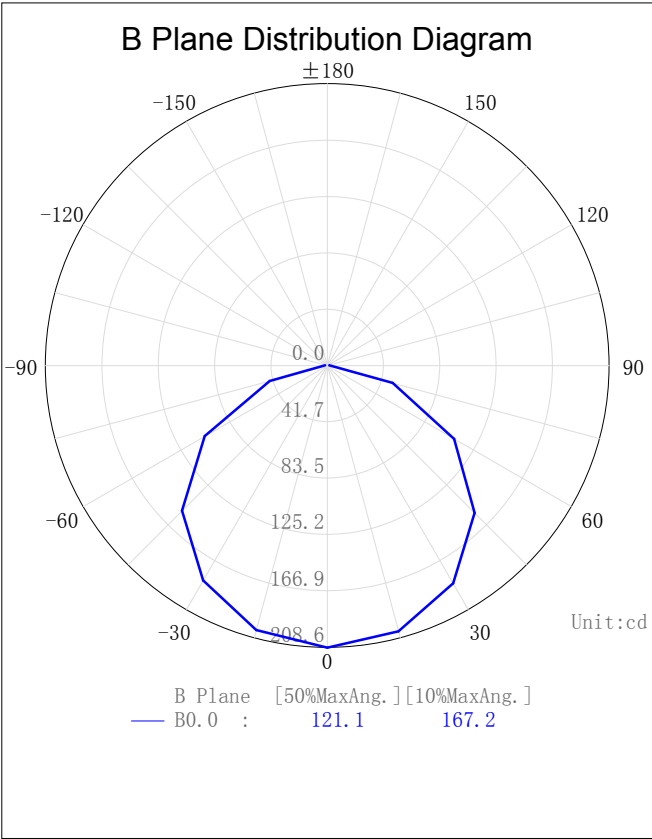
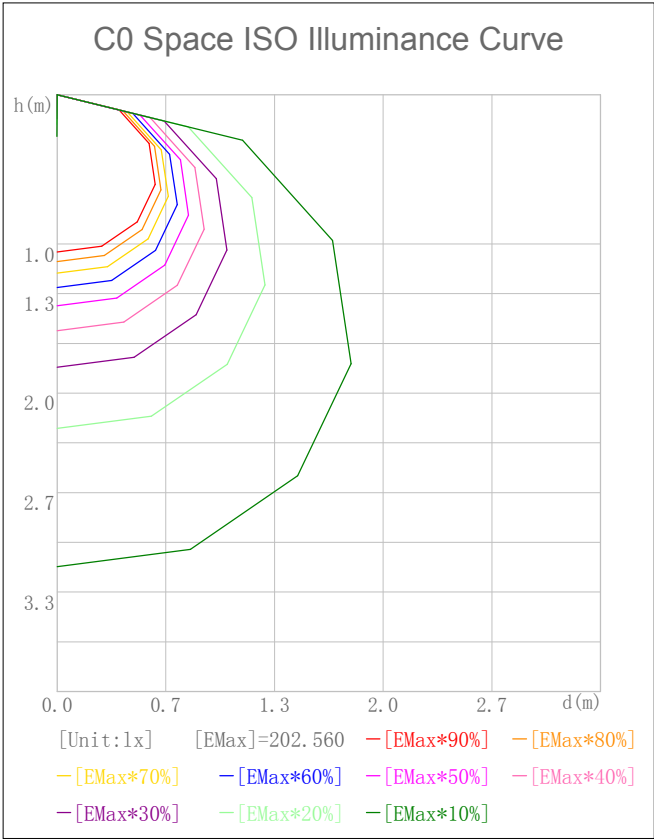
Flood Luminaire Photometric Data

Description Information

Luminary Name: HCP-3456150	Lum. Catalog:	Test ID:
Lamp Name: 2216 RGBW	Lamp Catalog:	Test Date: 2019/07/31
Manufacture: HAVIT COMMERCIAL	Shld. Ang(°):	Test Machine: GON-2000
Test Lab:	Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H): 0.010m*1.000m*0.010m	Lum. Area (m2): 0.020	Lum. W (kg):
Test System: B, β	Test Step: B=15.0 β=15.0	Temp. (°C):
		Humidity (%):

Character Parameter

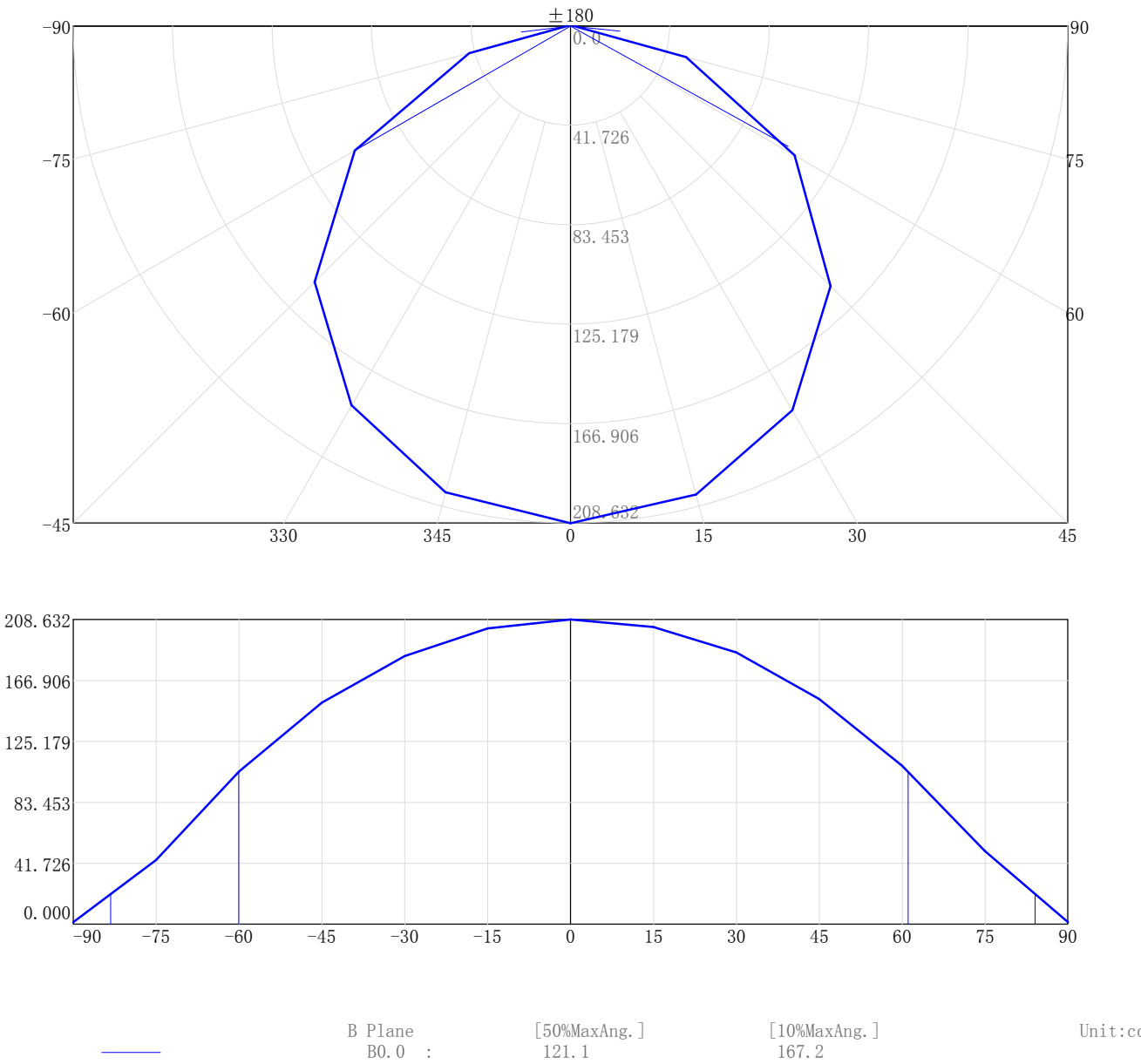
Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 860.660	Luminary Flux(lm): 687.958	Beam Lumens(lm): 527.63
Rated Power(W):	Luminary Efficiency: 79.93%	Beam Efficiency(%): 76.70
Rated Voltage(V):	Luminary EER(lm/W): 40.950	Field Lumens(lm): 678.58
Tested Power(W): 16.800	Max. Candela(cd): 208.632	Field Efficiency(%): 98.64
Lamps' Inside: 1	Max Cand@Ang. (°): B=0.0 β=0.0	ErP Φuse(120°): 510.097lm
Tested Electrics(V, A, pf): 24.0, 0.7, 0.000	Beam Angle(50%) (V, H): 127.1(°), 121.1(°)	IRF(%): 100.777
Lamp Size (W*L*H): 0.010m*1.000m*0.010m	Field Angle(10%) (V, H): 174.9(°), 167.2(°)	



2D Plane Light Intensity Distribution Curve

Lum. Name: HCP-3456150	Lum. Catalog:	Test ID:
Lamp Name: 2216 RGBW	Lamp Catalog:	Test Lab:
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2019/07/31

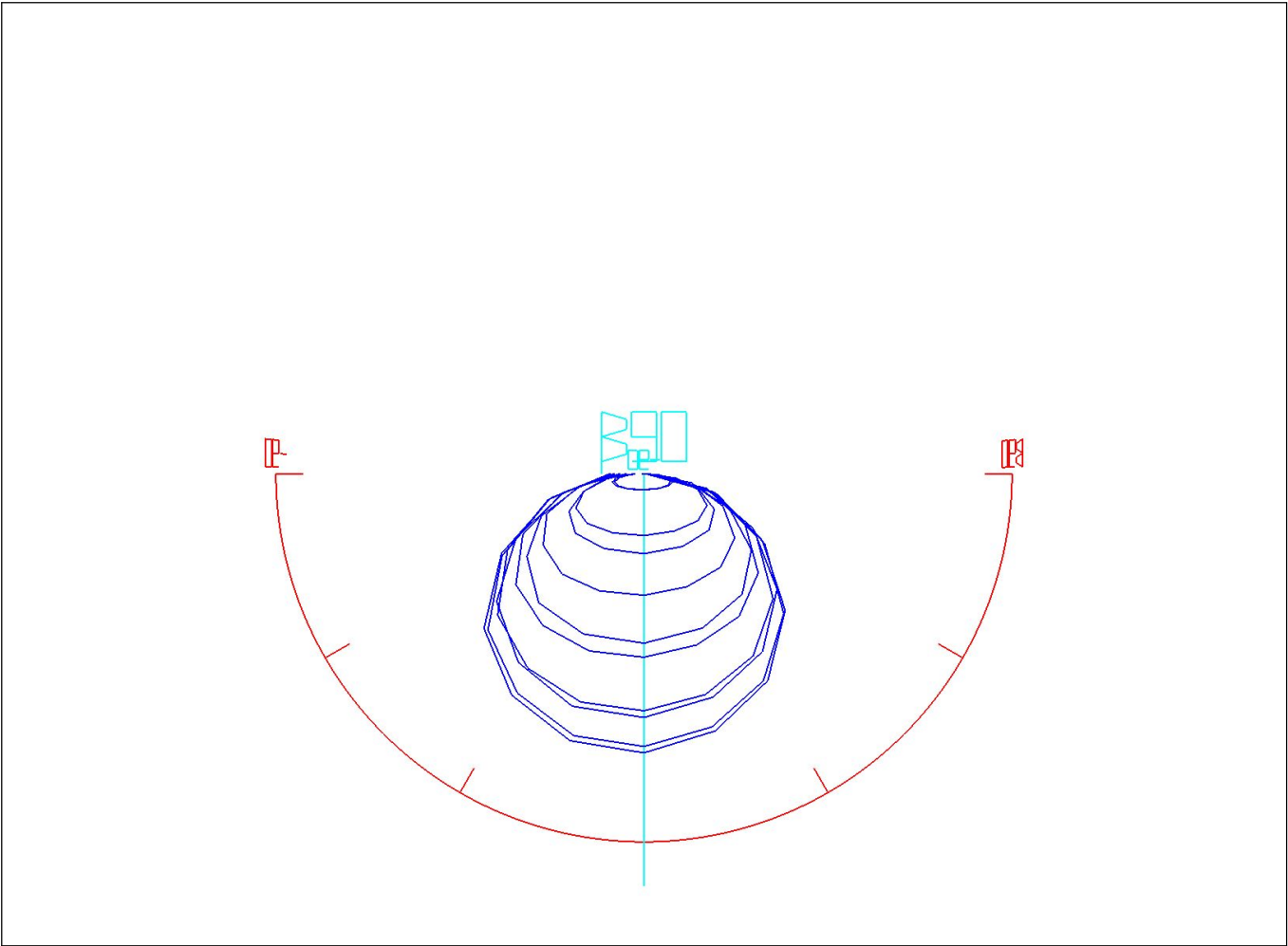
B Plane Distribution Diagram



3D Light Intensity Distribution Modal

Lum. Name: HCP-3456150	Lum. Catelog:	Test ID:
Lamp Name: 2216 RGBW	Lamp Catelog:	Test Lab:
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2019/07/31

3D Light Intensity Distribution Modal



Curves:

View Angles:

3D Model

Orient:0

Fixture

Tilt:0

Vert. HUD

Roll:0

Hori. HUD

Spin:0

IES Flood Report

Photometric Filename: HCP-3456150.IES

Zone Lumens Tabulation

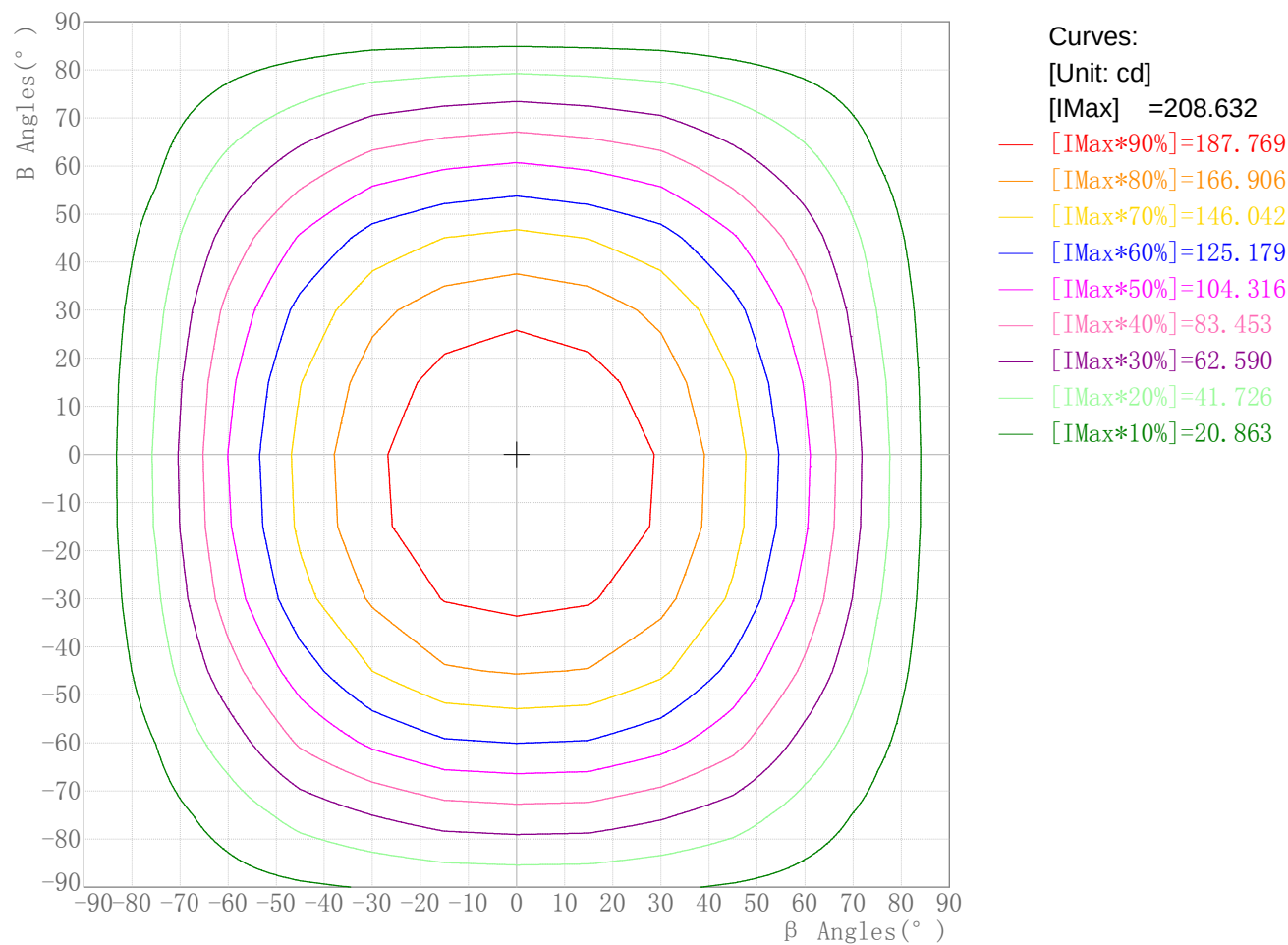
	β -90.0	β -75.0	β -60.0	β -45.0	β -30.0	β -15.0	β 0.0	β 15.0	β 30.0	β 45.0	β 60.0	β 75.0	β 90.0
B-90.0													
B-75.0	0.05	0.40	1.14	2.06	2.89	3.41	3.44	2.99	2.17	1.22	0.45	0.06	
B-60.0	0.08	0.74	2.25	4.15	5.79	6.73	6.78	5.93	4.33	2.38	0.83	0.10	
B-45.0	0.12	1.17	3.41	6.18	8.55	9.86	9.89	8.71	6.40	3.58	1.28	0.14	
B-30.0	0.16	1.55	4.40	7.73	10.57	12.13	12.17	10.73	7.94	4.57	1.68	0.18	
B-15.0	0.19	1.81	5.04	8.70	11.72	13.40	13.44	11.85	8.87	5.20	1.94	0.22	
B0.0	0.20	1.92	5.29	9.06	12.16	13.89	13.92	12.27	9.20	5.43	2.06	0.23	
B15.0	0.20	1.89	5.21	8.91	11.95	13.66	13.69	12.04	9.01	5.33	2.02	0.22	
B30.0	0.18	1.74	4.84	8.32	11.20	12.79	12.81	11.24	8.38	4.92	1.85	0.20	
B45.0	0.15	1.46	4.13	7.21	9.75	11.14	11.13	9.75	7.23	4.20	1.56	0.17	
B60.0	0.11	1.07	3.09	5.49	7.49	8.58	8.56	7.46	5.49	3.14	1.15	0.13	
B75.0	0.07	0.65	1.88	3.42	4.72	5.43	5.43	4.71	3.43	1.93	0.71	0.08	
B90.0	0.03	0.25	0.69	1.24	1.71	1.96	1.96	1.70	1.24	0.70	0.27	0.04	
Total	1.54	14.65	41.37	72.47	98.51	112.98	113.21	99.39	73.69	42.59	15.79	1.77	

β 90.0	Total
B-90.0	
B-75.0	20.28
B-60.0	40.10
B-45.0	59.29
B-30.0	73.81
B-15.0	82.36
B0.0	85.62
B15.0	84.15
B30.0	78.48
B45.0	67.87
B60.0	51.76
B75.0	32.47
B90.0	11.78
Total	687.96

Rectangle ISO Lighting Intensity Diagram

Lum. Name: HCP-3456150	Lum. Catalog:	Test ID:
Lamp Name: 2216 RGBW	Lamp Catalog:	Test Lab:
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2019/07/31

ISO Lighting Intensity Curve

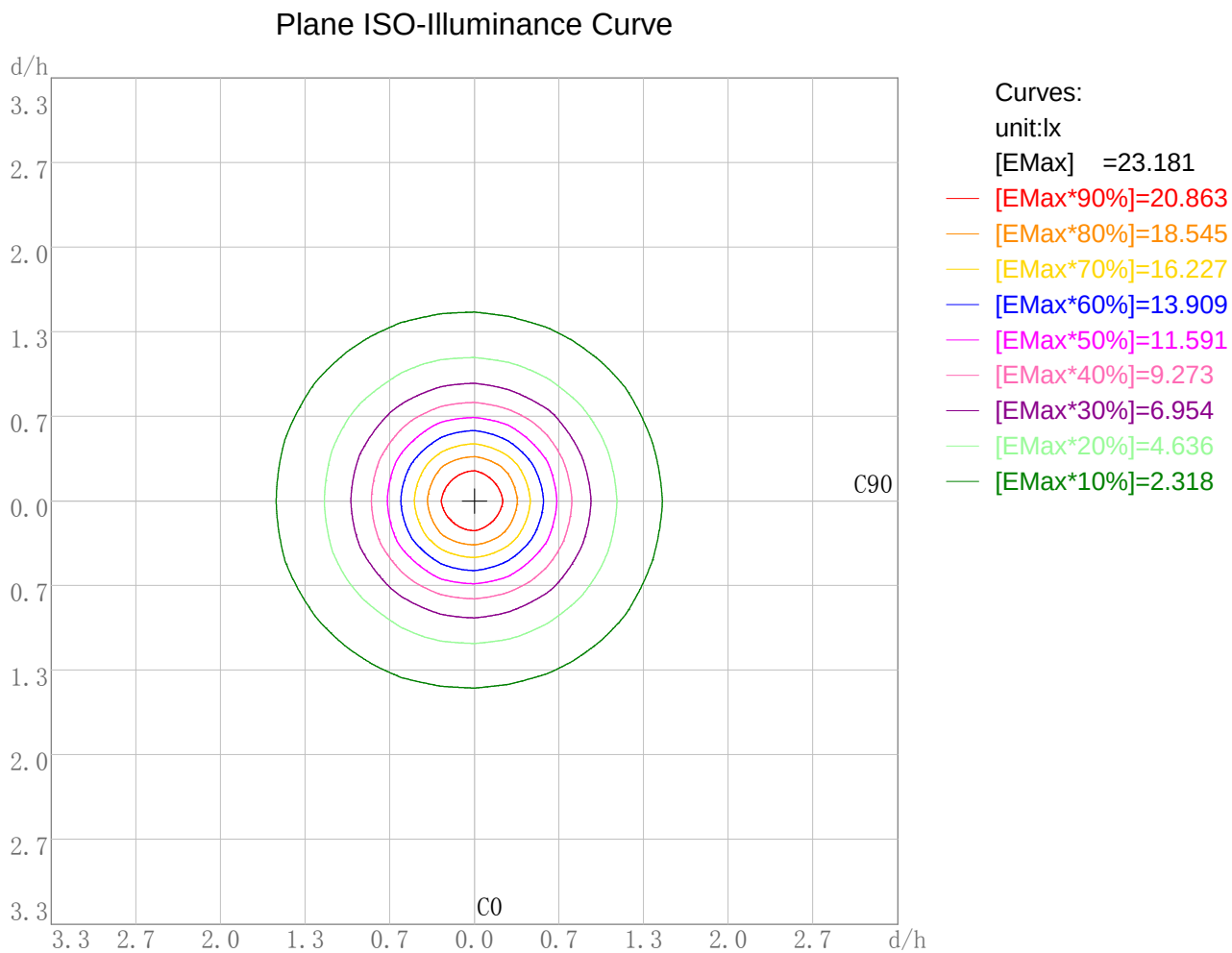


Maximum Light Intensity(cd): 208.63

Maximum Cand.@Angle: H=0.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name: HCP-3456150	Lum. Catalog:	Test ID:
Lamp Name: 2216 RGBW	Lamp Catalog:	Test Lab:
Manufacture: HAVIT COMMERCIAL	Test Machine: GON-2000	Test Date: 2019/07/31

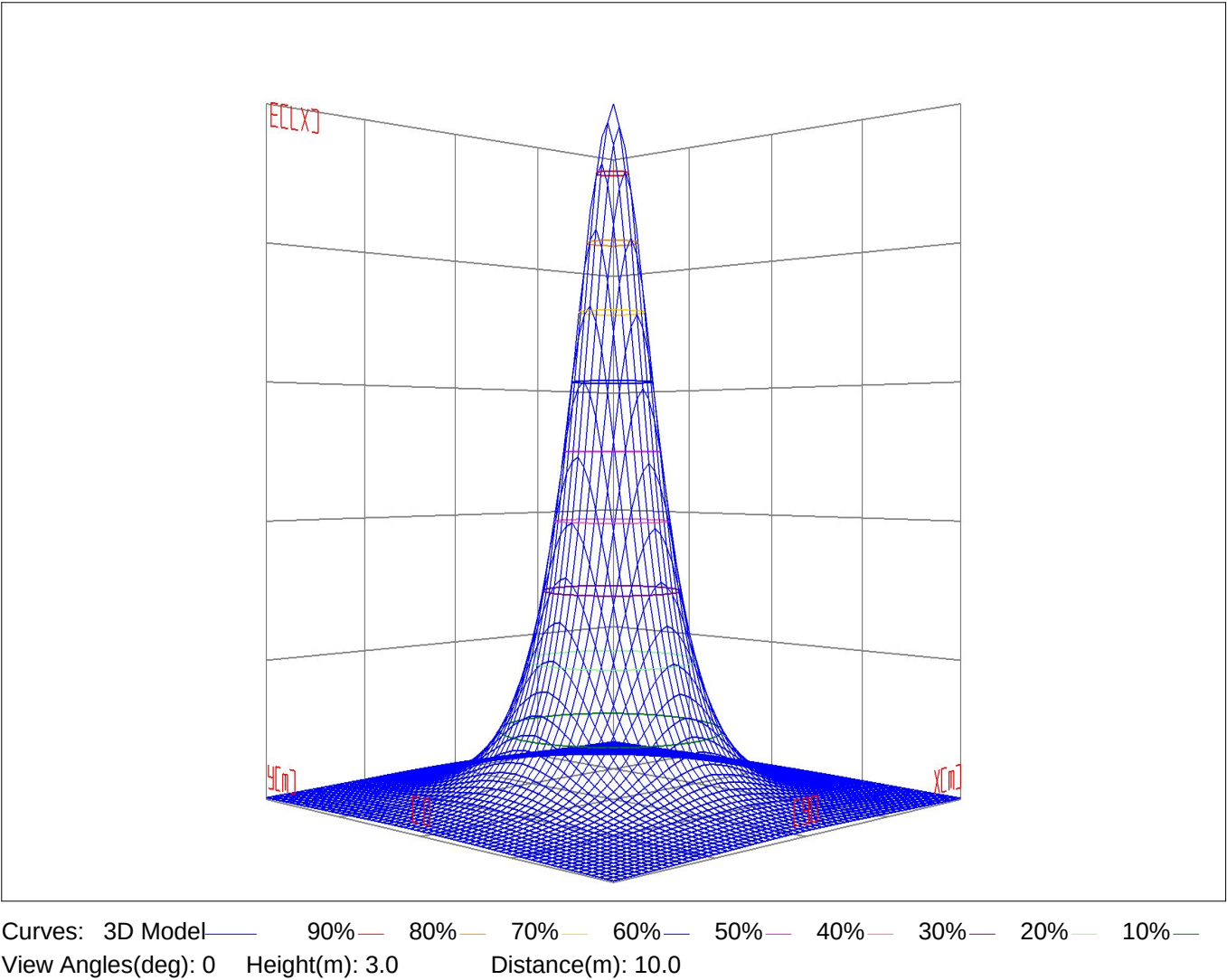


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 23.18
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

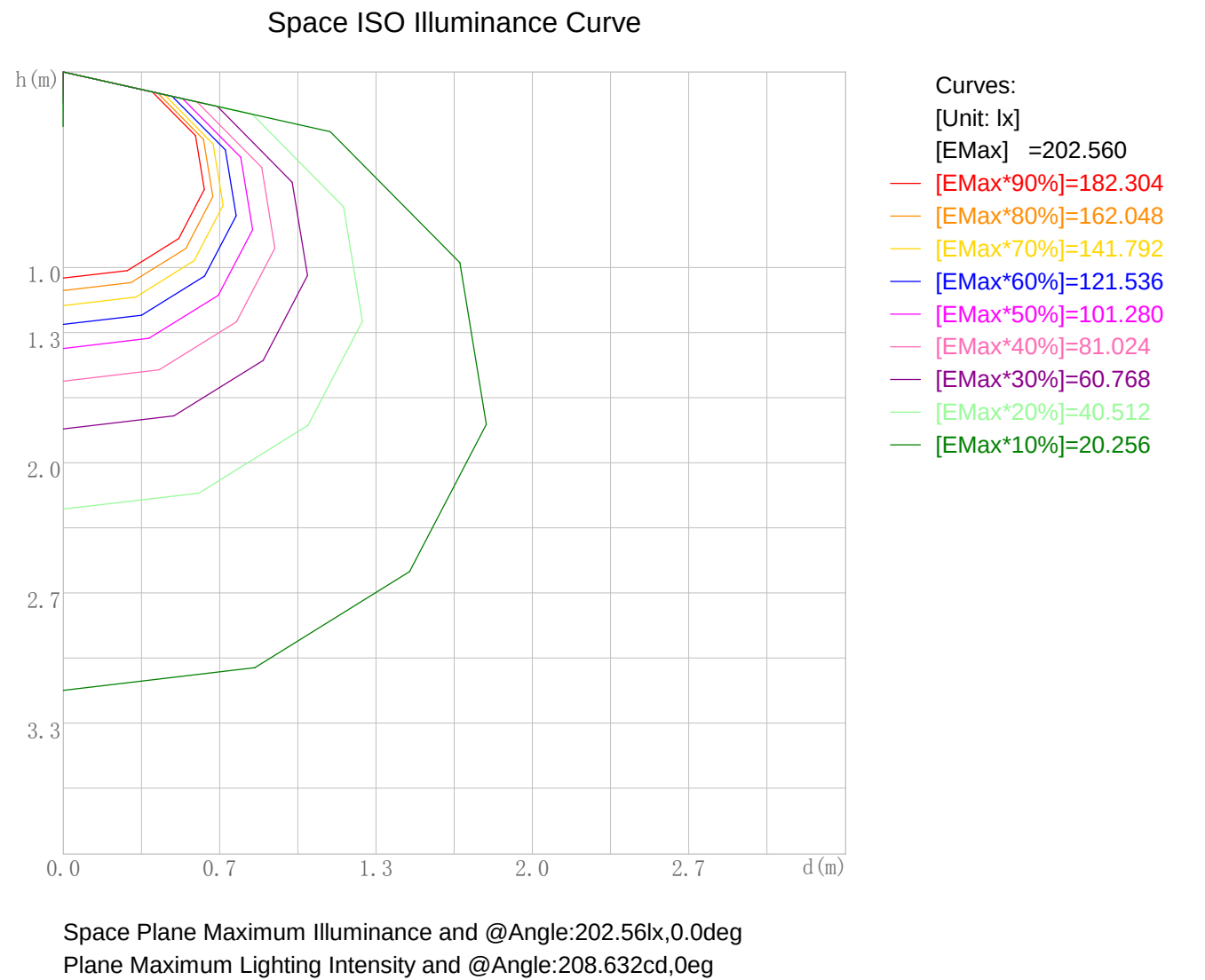
Lum. Name: HCP-3456150	Lum. Catelog:	Test ID:
Lamp Name: 2216 RGBW	Lamp Catelog:	Test Lab:
Manufacture: HAVIT COMMERCIAL	Test Machine:GON-2000	Test Date: 2019/07/31

3D Plane Illuminance Modal



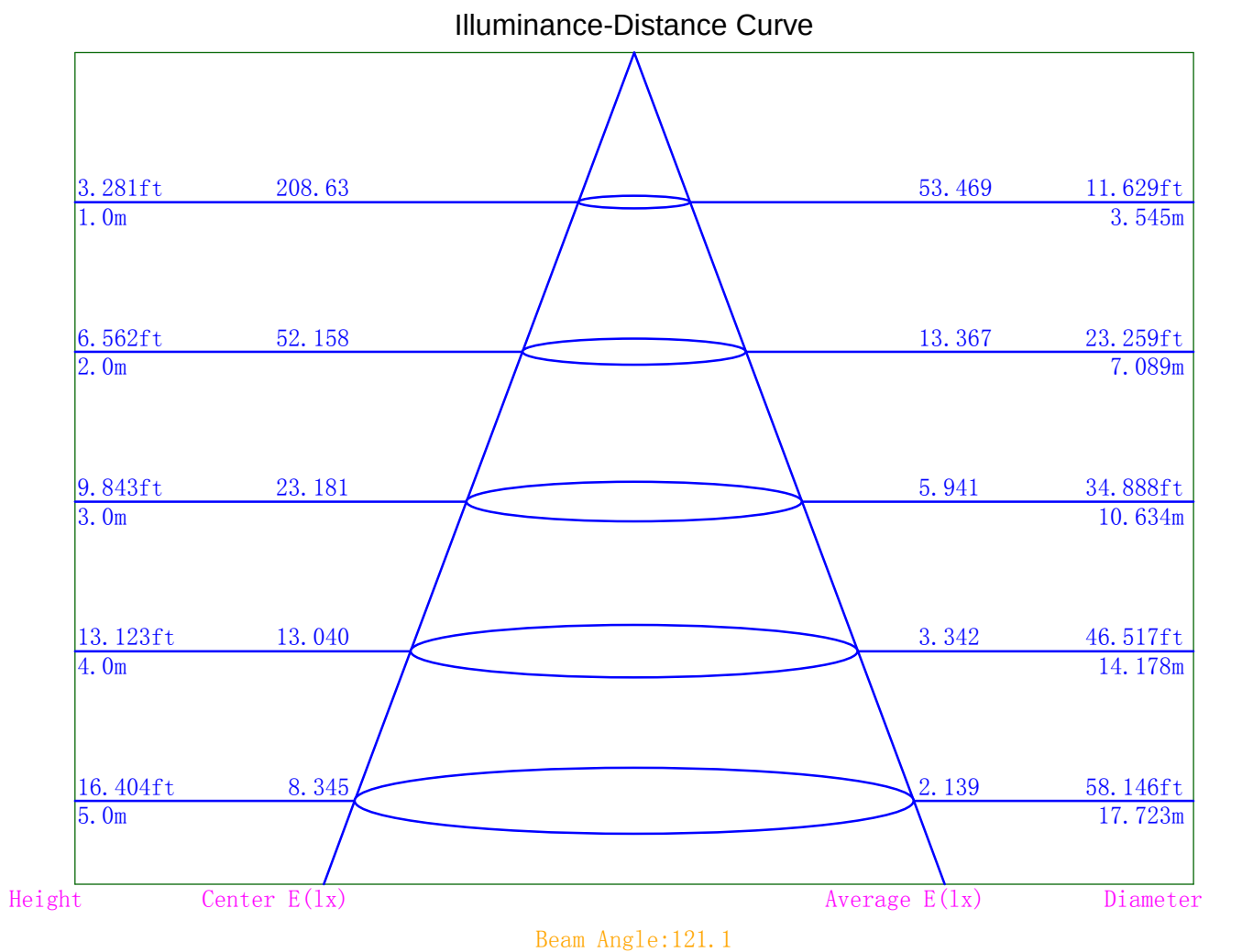
Space ISO Illuminance Diagram

Lum. Name: HCP-3456150	Lum. Catalog:	Test ID:
Lamp Name: 2216 RGBW	Lamp Catalog:	Test Lab:
Manufacture: HAVIT COMMERCIAL	Test Machine: GON-2000	Test Date: 2019/07/31



Illuminance-Distance Diagram

Lum. Name: HCP-3456150	Lum. Catalog:	Test ID:
Lamp Name: 2216 RGBW	Lamp Catalog:	Test Lab:
Manufacture: HAVIT COMMERCIAL	Test Machine: GON-2000	Test Date: 2019/07/31



Photometric Filename: HCP-3456150.IES

Candela Tabulation

V/H	β -90.0	β -75.0	β -60.0	β -45.0	β -30.0	β -15.0	β 0.0	β 15.0	β 30.0	β 45.0	β 60.0	β 75.0
B-90.0	1.58	6.76	13.20	18.09	22.07	25.37	26.58	25.98	23.15	19.00	14.00	8.06
B-75.0	1.58	12.12	29.11	49.43	62.64	73.31	75.96	74.84	65.48	52.12	31.75	14.69
B-60.0	1.58	21.06	51.40	86.20	108.14	122.65	125.44	123.72	111.83	90.21	55.20	25.08
B-45.0	1.58	30.58	75.21	115.10	146.23	164.83	168.85	166.07	150.38	119.51	79.35	35.51
B-30.0	1.58	38.15	93.20	139.16	169.76	188.76	193.76	189.86	173.27	142.77	97.35	44.01
B-15.0	1.58	43.19	102.11	149.98	182.58	201.28	207.45	202.29	185.11	153.06	106.53	49.44
B0.0	1.58	44.02	104.52	151.83	183.70	202.56	208.63	203.53	186.14	154.24	108.52	50.23
B15.0	1.58	41.59	99.54	145.41	176.45	194.50	200.59	195.22	177.96	146.69	102.90	47.31
B30.0	1.58	35.75	88.86	131.04	161.17	177.32	182.82	177.37	161.78	132.00	91.68	41.11
B45.0	1.58	27.73	70.78	106.37	133.20	146.21	151.25	145.61	132.94	106.61	73.10	32.32
B60.0	1.58	17.98	47.21	72.49	93.02	102.22	106.65	101.69	92.66	72.75	49.13	21.58
B75.0	1.58	9.72	24.15	37.25	49.44	54.50	57.40	54.56	49.66	38.15	25.69	12.12
B90.0	1.58	2.02	2.86	2.47	2.38	1.95	1.82	1.68	1.73	1.64	1.49	1.62

V/H	β 90.0
B-90.0	1.58
B-75.0	1.58
B-60.0	1.58
B-45.0	1.58
B-30.0	1.58
B-15.0	1.58
B0.0	1.58
B15.0	1.58
B30.0	1.58
B45.0	1.58
B60.0	1.58
B75.0	1.58
B90.0	1.58