

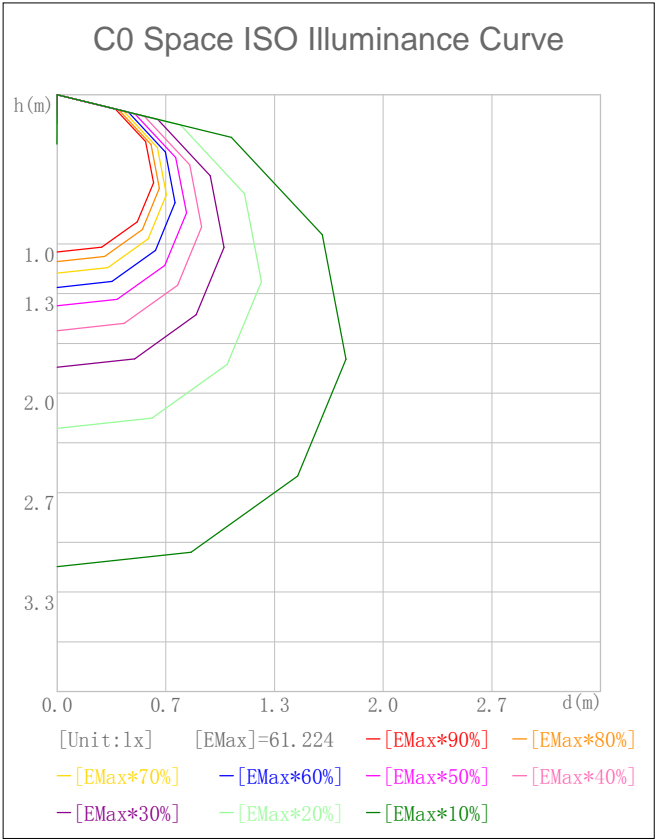
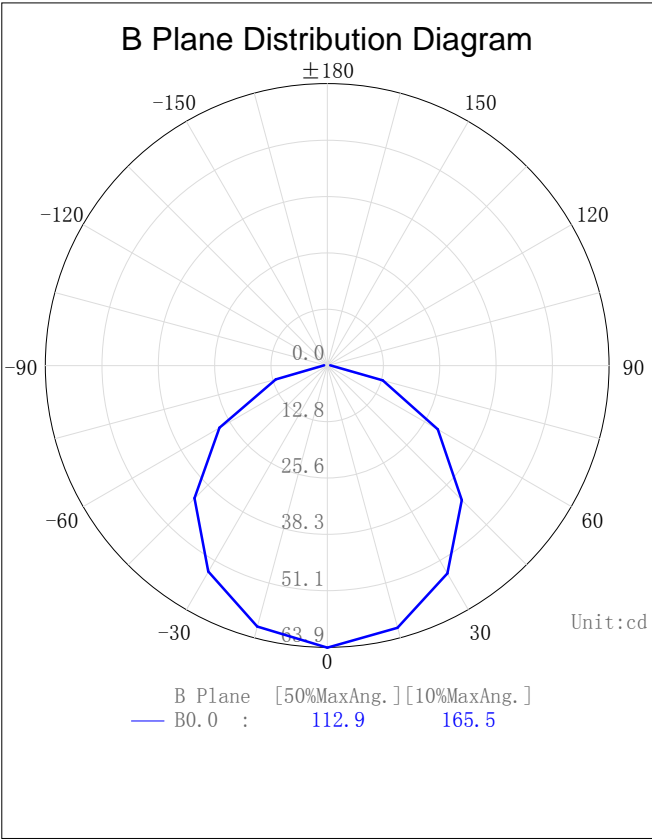
Flood Luminaire Photometric Data

Description Information

Luminary Name: CLT-INQF24140T09-5A29		Lum. Catalog:	Test ID:
Lamp Name: 2835 3000K		Lamp Catalog:	Test Date: 2020/01/11
Manufacture: coolight		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size(W*L*H):0.100m*1.000m*0.010m		Lum. Area(m2):0.110	Lum. W(kg):
Test System: B, β	Test Step: B=15.0 β=15.0	Temp. (°C):	Humidity(%):

Character Parameter

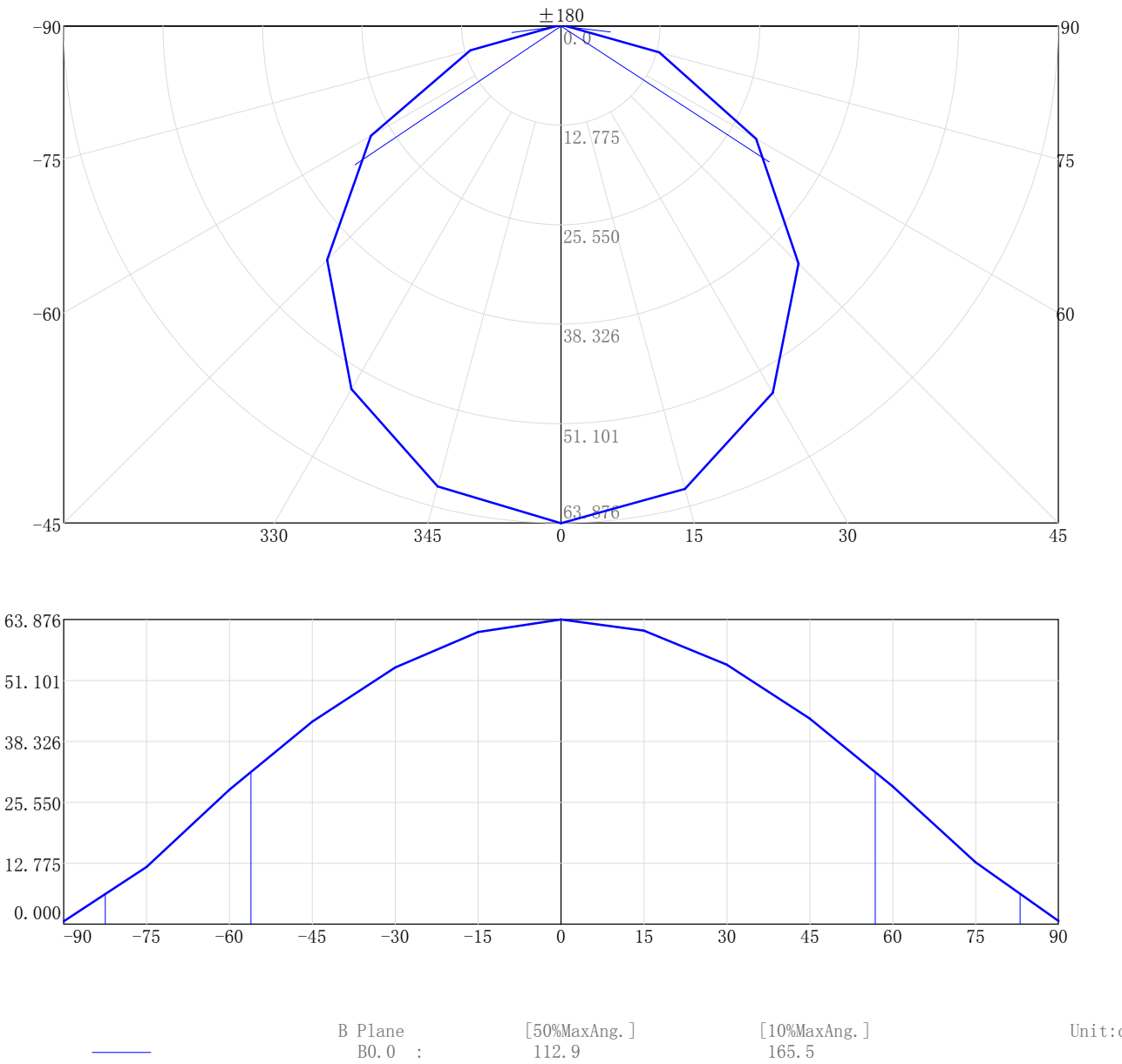
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 217.220	Luminary Flux(lm): 199.352	Beam Lumens(lm): 144.61	
Rated Power(W):	Luminary Efficiency: 91.77%	Beam Efficiency(%): 72.54	
Rated Voltage(V):	Luminary EER(lm/W): 19.915	Field Lumens(lm): 197.64	
Tested Power(W): 10.010	Max. Candela(cd): 63.876	Field Efficiency(%): 99.14	
Lamps' Inside: 1	Max Cand@Ang. (°): B=0.0 β=0.0	ErP Φuse(120°): 147.591lm	
Tested Electrics(V, A, pf):24.0, 0.417, 0.000	Beam Angle(50%) (V, H): 124.0(°), 112.9(°)	IRF(%): 106.829	
Lamp Size(W*L*H):0.100m*1.000m*0.010m	Field Angle(10%) (V, H): 180.0(°), 165.5(°)		



2D Plane Light Intensity Distribution Curve

Lum. Name:CLT-INQF24140T09-5A29	Lum. Catalog:	Test ID:
Lamp Name:2835 3000K	Lamp Catalog:	Test Lab:
Manufacture:coolight	Test Machine:GON-2000	Test Date:2020/01/11

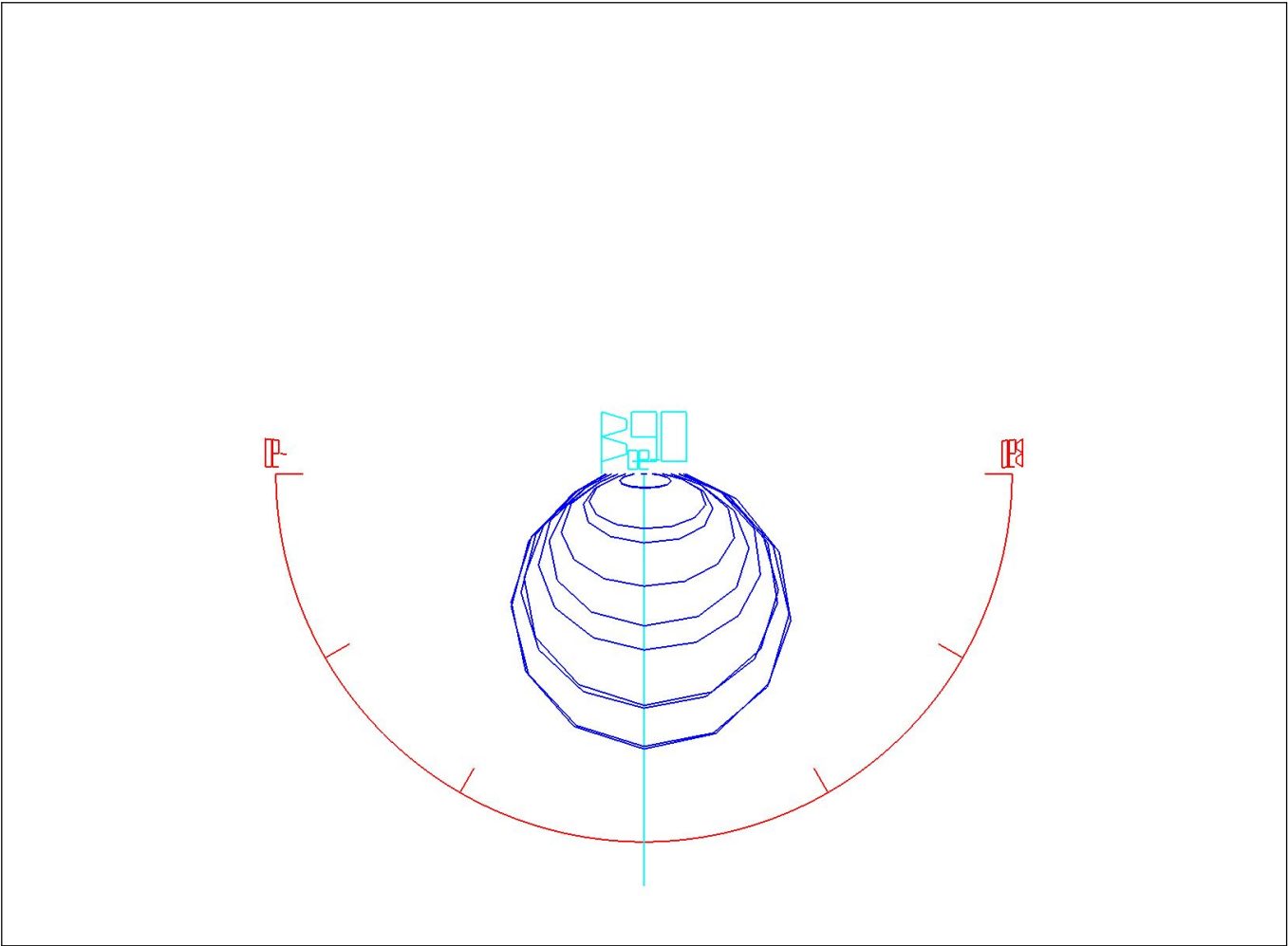
B Plane Distribution Diagram



3D Light Intensity Distribution Modal

Lum. Name:CLT-INQF24140T09-5A29	Lum. Catelog:	Test ID:
Lamp Name:2835 3000K	Lamp Catelog:	Test Lab:
Manufacture:coolight	Test Machine:GON-2000	Test Date:2020/01/11

3D Light Intensity Distribution Modal



Curves:

View Angles:

3D Model

Orient:0

Fixture

Tilt:0

Roll:0

Vert. HUD

Spin:0

Hori. HUD

Zone Lumens Tabulation

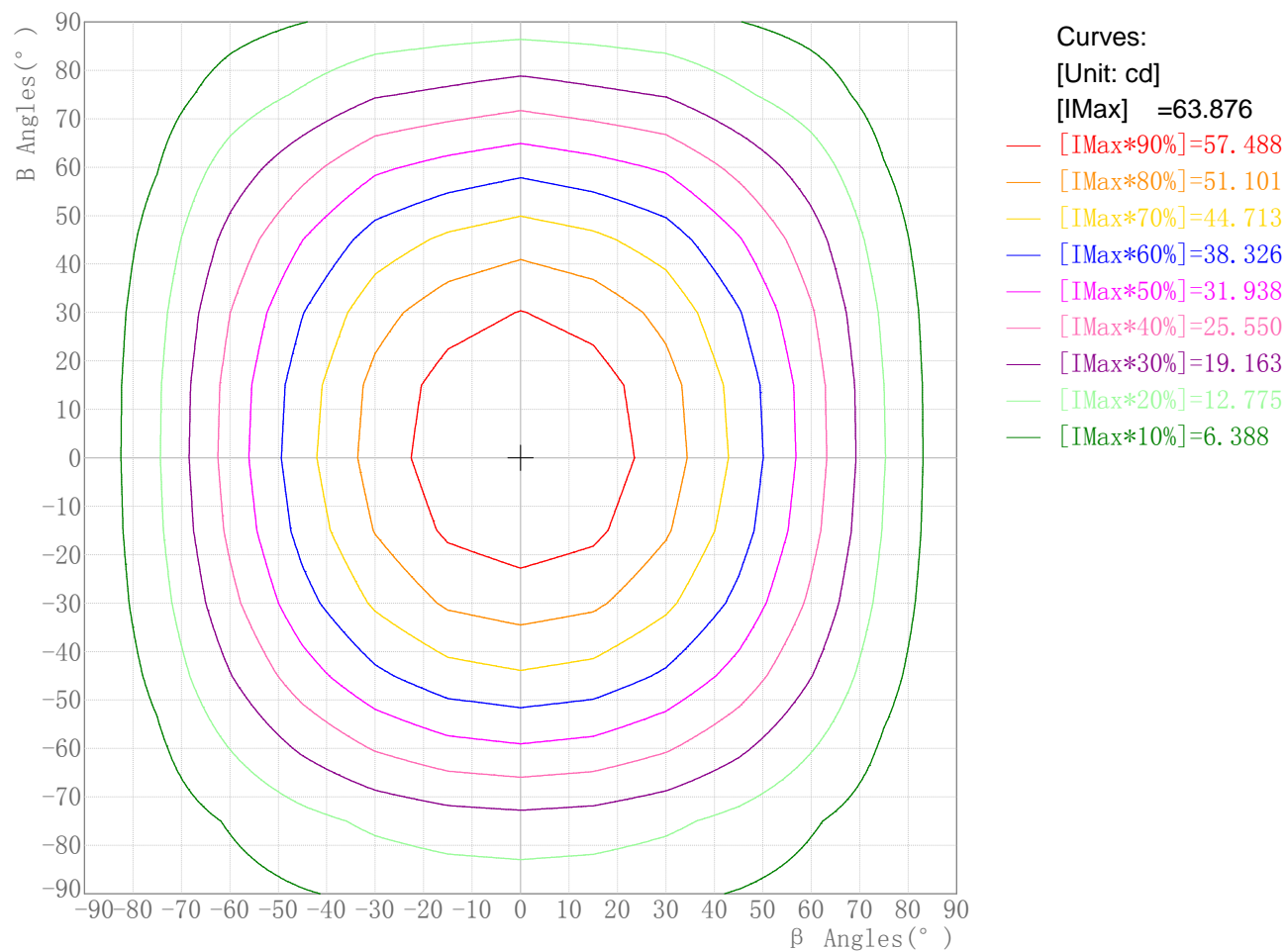
	β -90.0	β -75.0	β -60.0	β -45.0	β -30.0	β -15.0	β 0.0	β 15.0	β 30.0	β 45.0	β 60.0	β 75.0	β 90.0
B-90.0													
B-75.0	0.01	0.11	0.29	0.52	0.73	0.86	0.86	0.74	0.52	0.29	0.11	0.02	
B-60.0	0.02	0.18	0.53	0.96	1.36	1.60	1.60	1.37	0.97	0.53	0.19	0.02	
B-45.0	0.03	0.29	0.84	1.52	2.13	2.49	2.50	2.14	1.54	0.86	0.30	0.03	
B-30.0	0.04	0.39	1.12	2.00	2.79	3.26	3.27	2.81	2.03	1.14	0.41	0.05	
B-15.0	0.05	0.47	1.32	2.35	3.28	3.83	3.84	3.30	2.38	1.35	0.49	0.05	
B0.0	0.06	0.51	1.44	2.55	3.55	4.15	4.16	3.58	2.58	1.47	0.54	0.06	
B15.0	0.06	0.52	1.46	2.59	3.60	4.20	4.21	3.63	2.62	1.49	0.55	0.06	
B30.0	0.05	0.49	1.38	2.46	3.42	3.99	4.00	3.45	2.49	1.41	0.52	0.06	
B45.0	0.05	0.43	1.21	2.17	3.01	3.51	3.52	3.03	2.20	1.24	0.45	0.05	
B60.0	0.04	0.34	0.96	1.72	2.40	2.80	2.81	2.42	1.75	0.98	0.35	0.04	
B75.0	0.02	0.22	0.64	1.17	1.64	1.92	1.93	1.65	1.19	0.65	0.23	0.03	
B90.0	0.02	0.12	0.34	0.63	0.89	1.05	1.05	0.89	0.64	0.35	0.13	0.02	
Total	0.45	4.09	11.53	20.65	28.81	33.65	33.73	29.01	20.91	11.77	4.27	0.48	

β 90.0	Total
B-90.0	5.07
B-75.0	9.33
B-60.0	14.68
B-45.0	19.31
B-30.0	22.72
B-15.0	24.64
B0.0	24.98
B15.0	23.72
B30.0	20.87
B45.0	16.59
B60.0	11.30
B75.0	6.13
B90.0	199.35
Total	

Rectangle ISO Lighting Intensity Diagram

Lum. Name:CLT-INQF24140T09-5A29	Lum. Catalog:	Test ID:
Lamp Name:2835 3000K	Lamp Catalog:	Test Lab:
Manufacture:coolight	Test Machine:GON-2000	Test Date:2020/01/11

ISO Lighting Intensity Curve



Maximum Light Intensity(cd): 63.88
Maximum Cand.@Angle: H=0.0°,V=0.0°

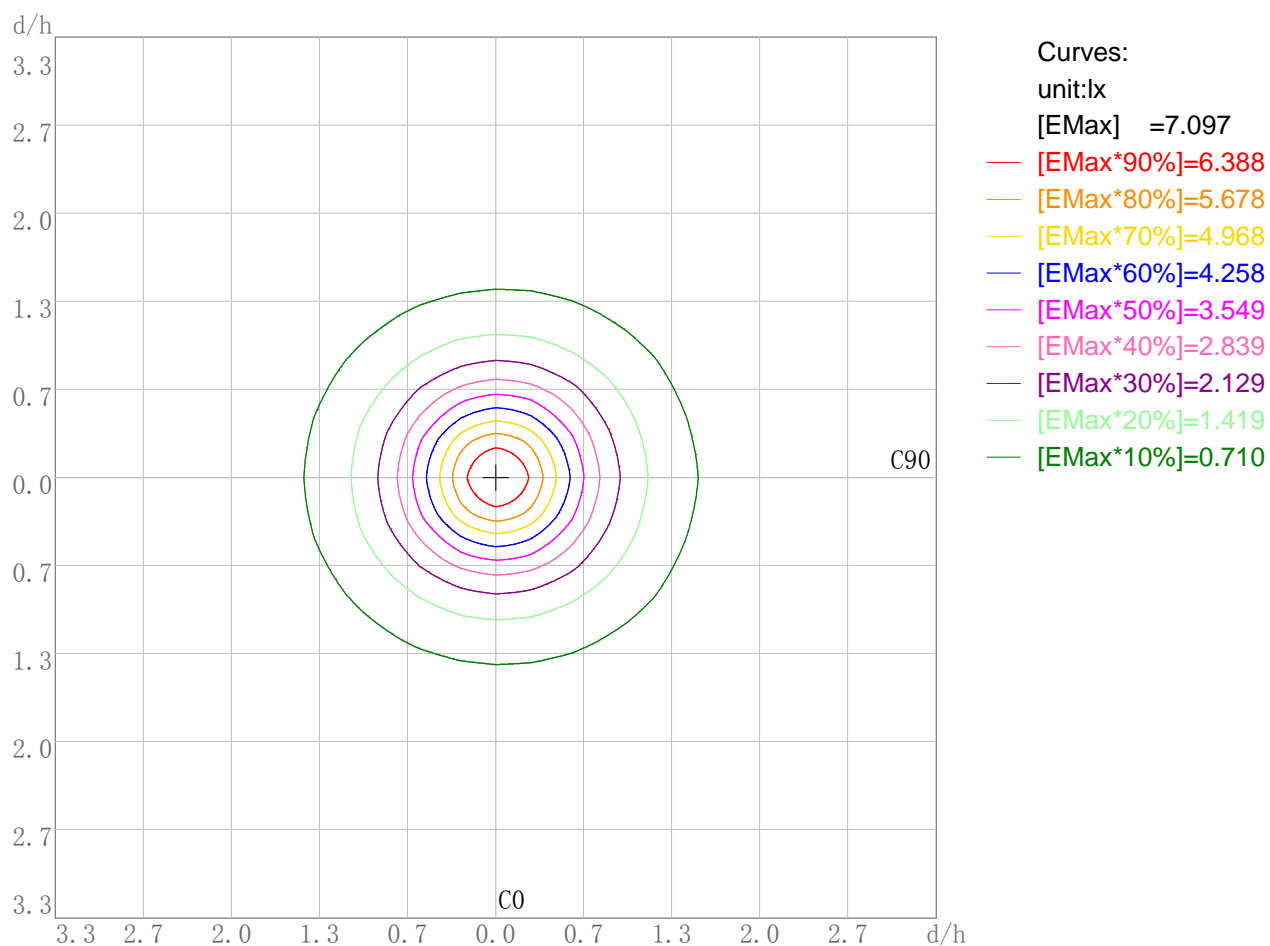
IES Flood Report

Photometric Filename:CP20010043 CLT-INQF24140T09-5A29 901004008434.IES

Plane ISO-Illuminance Diagram

Lum. Name: CLT-INQF24140T09-5A29	Lum. Catalog:	Test ID:
Lamp Name: 2835 3000K	Lamp Catalog:	Test Lab:
Manufacture: coolight	Test Machine: GON-2000	Test Date: 2020/01/11

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

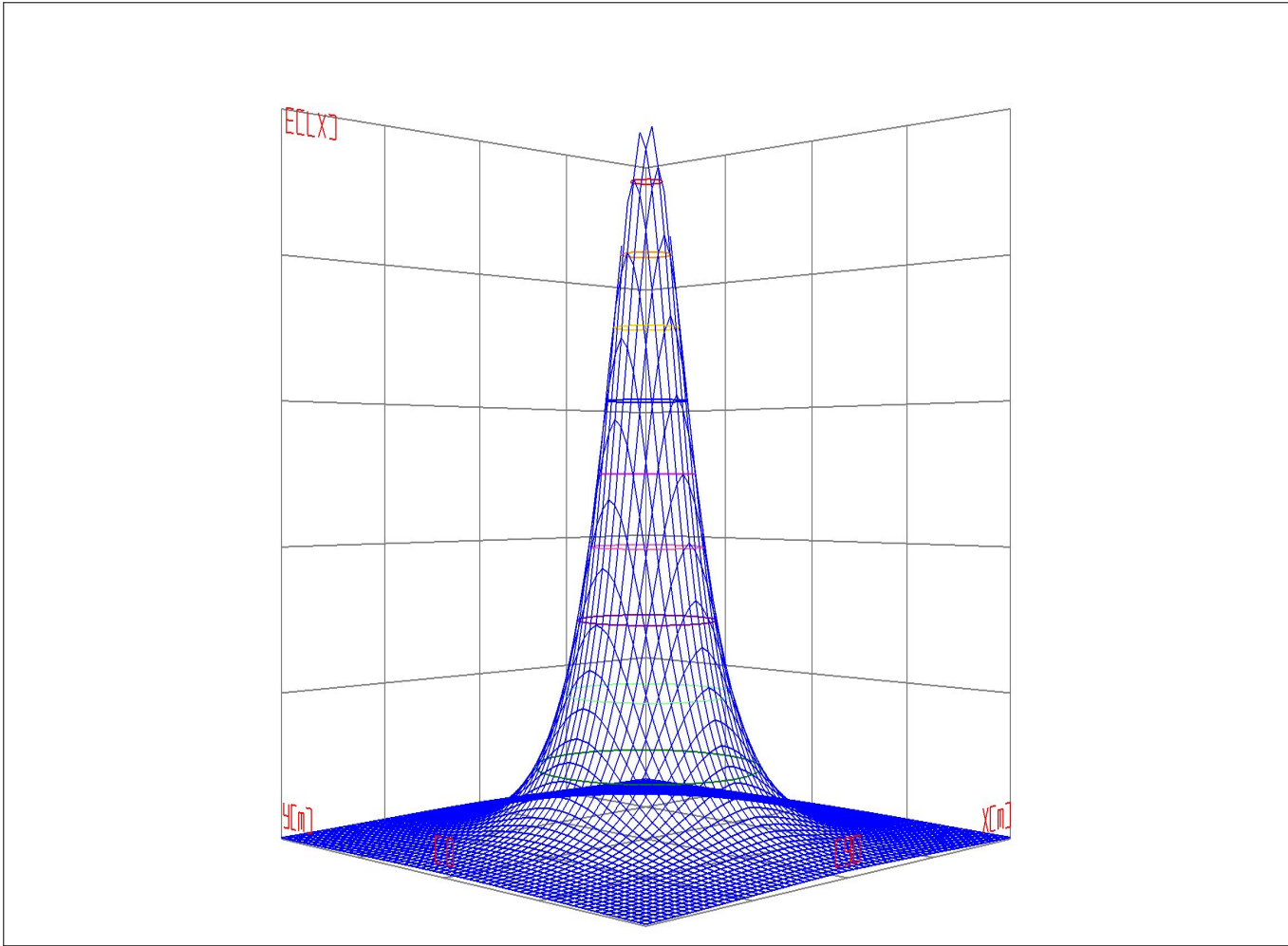
Working Plane Maximum Illuminance(lx): 7.10

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

3D Plane ISO Illuminance Diagram

Lum. Name:CLT-INQF24140T09-5A29	Lum. Catelog:	Test ID:
Lamp Name:2835 3000K	Lamp Catelog:	Test Lab:
Manufacture:coolight	Test Machine:GON-2000	Test Date:2020/01/11

3D Plane Illuminance Modal



Curves: 3D Model

90%80%70%60%50%40%30%20%10%

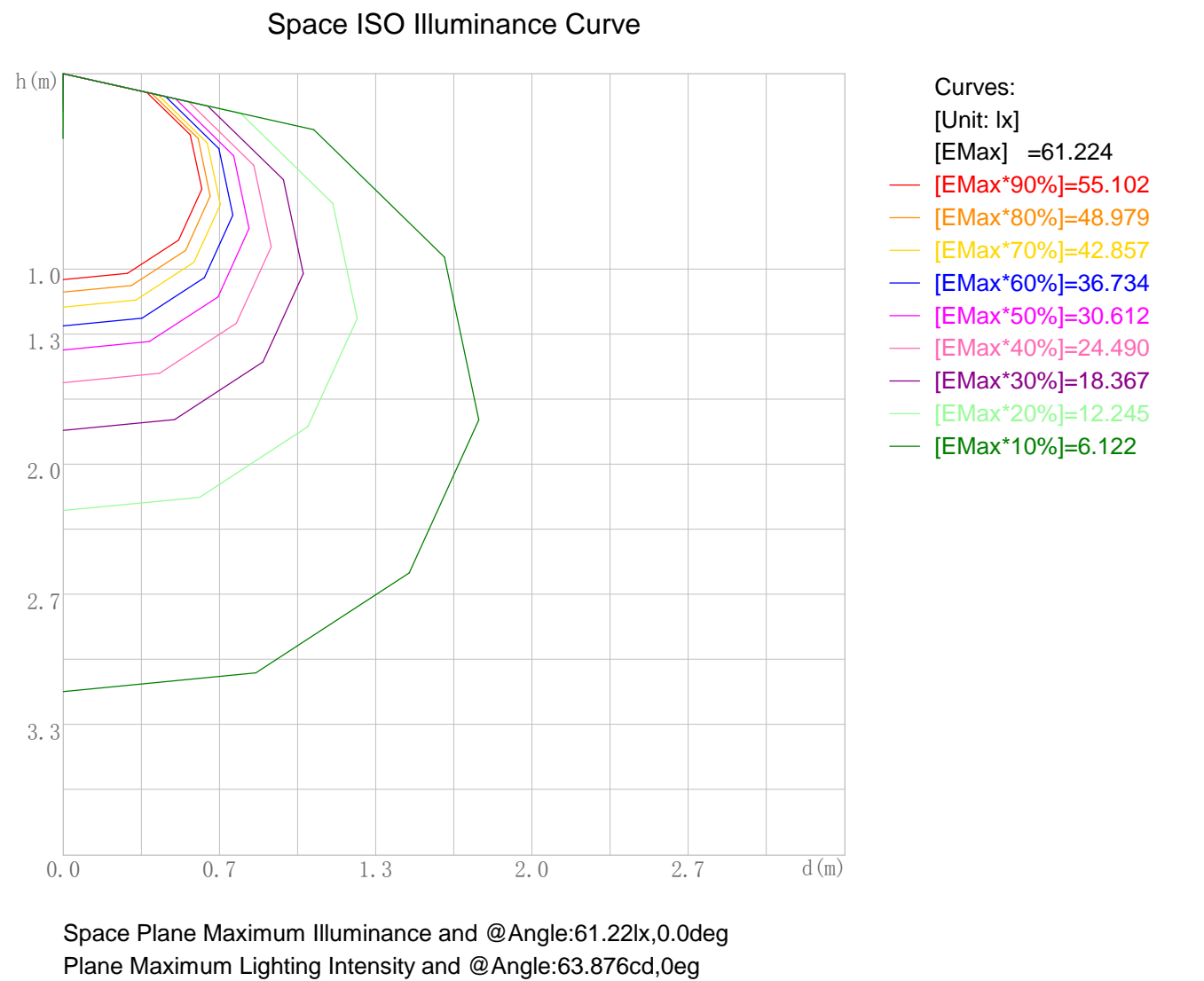
View Angles(deg): 0

Height(m): 3.0

Distance(m): 10.0

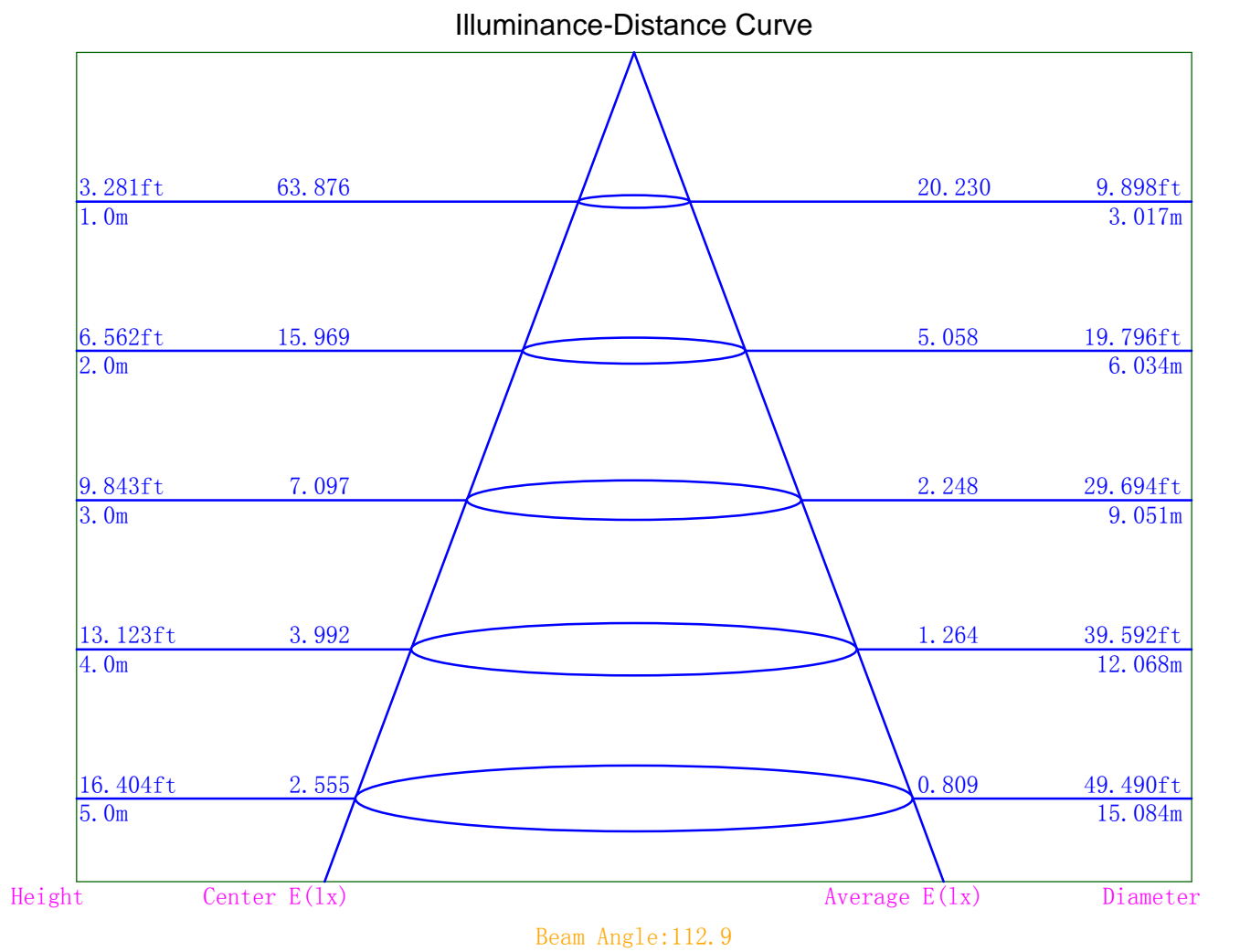
Space ISO Illuminance Diagram

Lum. Name:CLT-INQF24140T09-5A29	Lum. Catelog:	Test ID:
Lamp Name:2835 3000K	Lamp Catelog:	Test Lab:
Manufacture:coolight	Test Machine:GON-2000	Test Date:2020/01/11



Illuminance-Distance Diagram

Lum. Name: CLT-INQF24140T09-5A29	Lum. Catalog:	Test ID:
Lamp Name: 2835 3000K	Lamp Catalog:	Test Lab:
Manufacture: coolight	Test Machine:GON-2000	Test Date: 2020/01/11



Photometric Filename:CP20010043 CLT-INQF24140T09-5A29 901004008434.IES

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	0. 66	2. 17	4. 23	6. 02	7. 55	8. 57	8. 97	8. 58	7. 61	6. 09	4. 32	2. 46
B-75. 0	0. 66	3. 06	6. 85	10. 77	14. 09	16. 27	17. 06	16. 32	14. 13	10. 86	6. 96	3. 28
B-60. 0	0. 66	5. 28	12. 85	20. 10	26. 03	29. 77	31. 13	29. 85	26. 23	20. 38	13. 12	5. 62
B-45. 0	0. 66	7. 79	18. 87	29. 02	37. 01	42. 21	43. 95	42. 38	37. 35	29. 50	19. 32	8. 33
B-30. 0	0. 66	9. 98	23. 69	36. 01	45. 68	52. 04	54. 18	52. 30	46. 14	36. 61	24. 32	10. 69
B-15. 0	0. 66	11. 46	26. 83	40. 56	51. 39	58. 58	61. 06	58. 92	51. 87	41. 25	27. 55	12. 35
B0. 0	0. 66	12. 07	28. 20	42. 47	53. 85	61. 22	63. 88	61. 55	54. 40	43. 15	28. 95	13. 05
B15. 0	0. 66	11. 85	27. 74	41. 65	52. 96	60. 08	62. 85	60. 35	53. 53	42. 40	28. 59	12. 80
B30. 0	0. 66	10. 66	25. 46	38. 12	48. 71	54. 84	57. 69	55. 18	49. 22	38. 79	26. 17	11. 64
B45. 0	0. 66	8. 68	21. 27	31. 88	41. 13	45. 97	48. 64	46. 18	41. 54	32. 47	21. 88	9. 40
B60. 0	0. 66	6. 15	15. 51	23. 39	30. 77	34. 14	36. 58	34. 26	31. 07	23. 80	15. 94	6. 64
B75. 0	0. 66	3. 60	9. 03	13. 60	18. 60	20. 42	22. 41	20. 51	18. 75	13. 80	9. 31	3. 92
B90. 0	0. 66	1. 86	4. 26	6. 27	8. 08	9. 16	9. 73	9. 23	8. 20	6. 47	4. 50	2. 39
V/H	β 90. 0											
B-90. 0	0. 67											
B-75. 0	0. 67											
B-60. 0	0. 67											
B-45. 0	0. 67											
B-30. 0	0. 67											
B-15. 0	0. 67											
B0. 0	0. 67											
B15. 0	0. 67											
B30. 0	0. 67											
B45. 0	0. 67											
B60. 0	0. 67											
B75. 0	0. 67											
B90. 0	0. 67											