

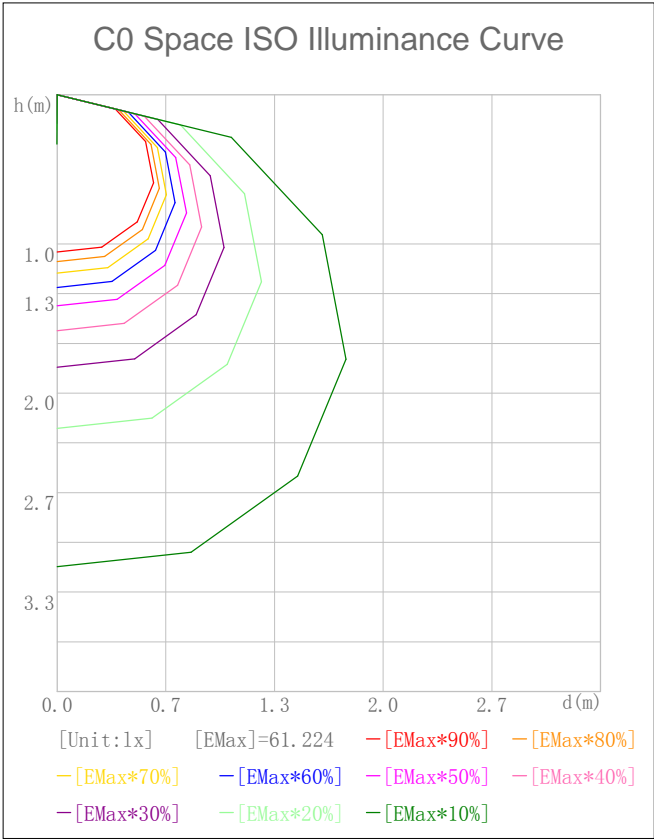
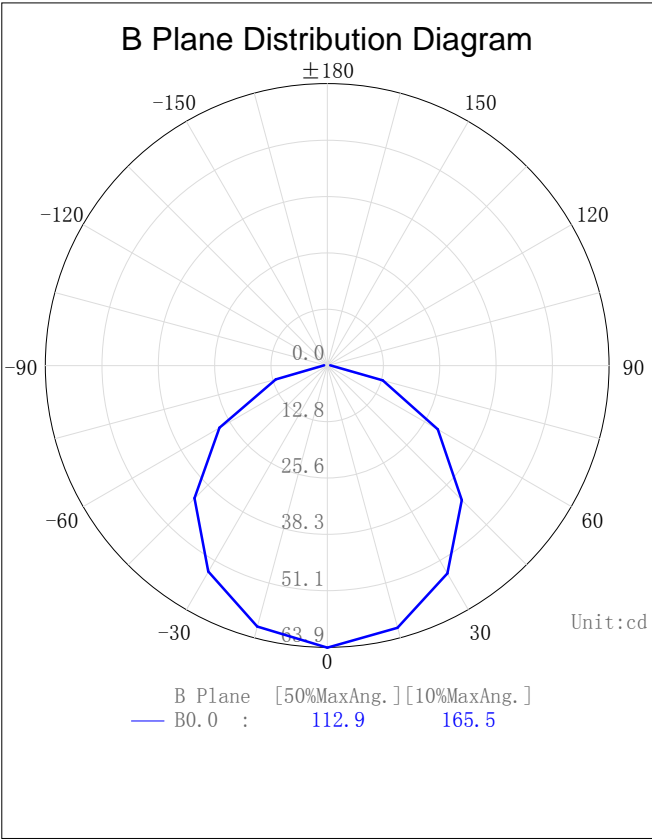
Flood Luminaire Photometric Data

Description Information

Luminary Name: CLT-KNQF24140T09-5A29		Lum. Catalog:	Test ID:
Lamp Name: 2835 2648K		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

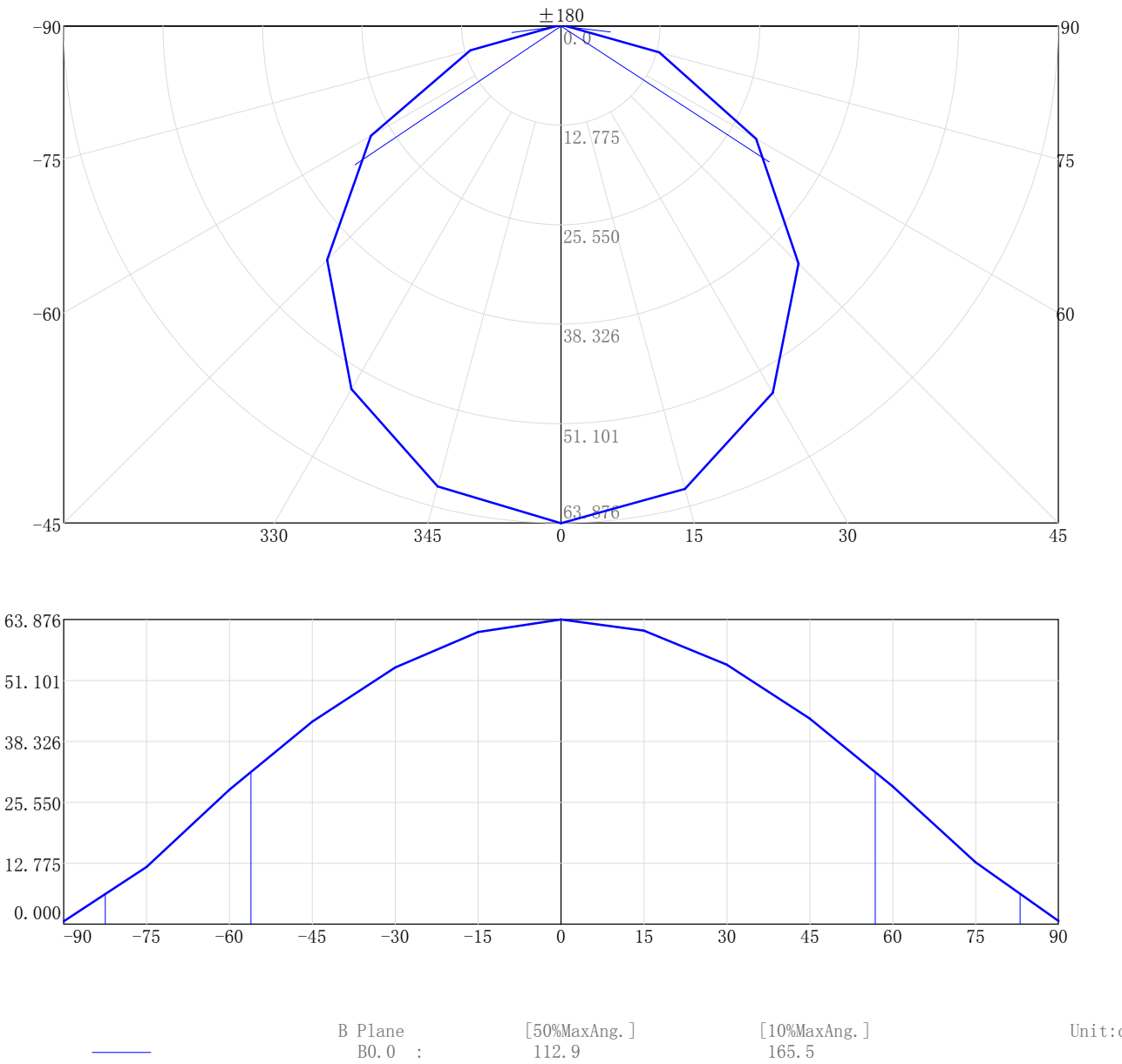
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 222.480	Luminary Flux(lm): 199.352	Beam Lumens(lm): 144.61	
Rated Power(W):	Luminary Efficiency: 89.60%	Beam Efficiency(%): 72.54	
Rated Voltage(V):	Luminary EER(lm/W): 19.915	Field Lumens(lm): 197.64	
Tested Power(W): 10.010	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, 0.400, 1.000	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-KNQF24140T09-5A29	Lum. Catalog:	Test ID:
Lamp Name:2835 2648K	Lamp Catalog:	Test Lab:
Manufacture:coolight	Test Machine:GON-2000	Test Date:2020/01/11

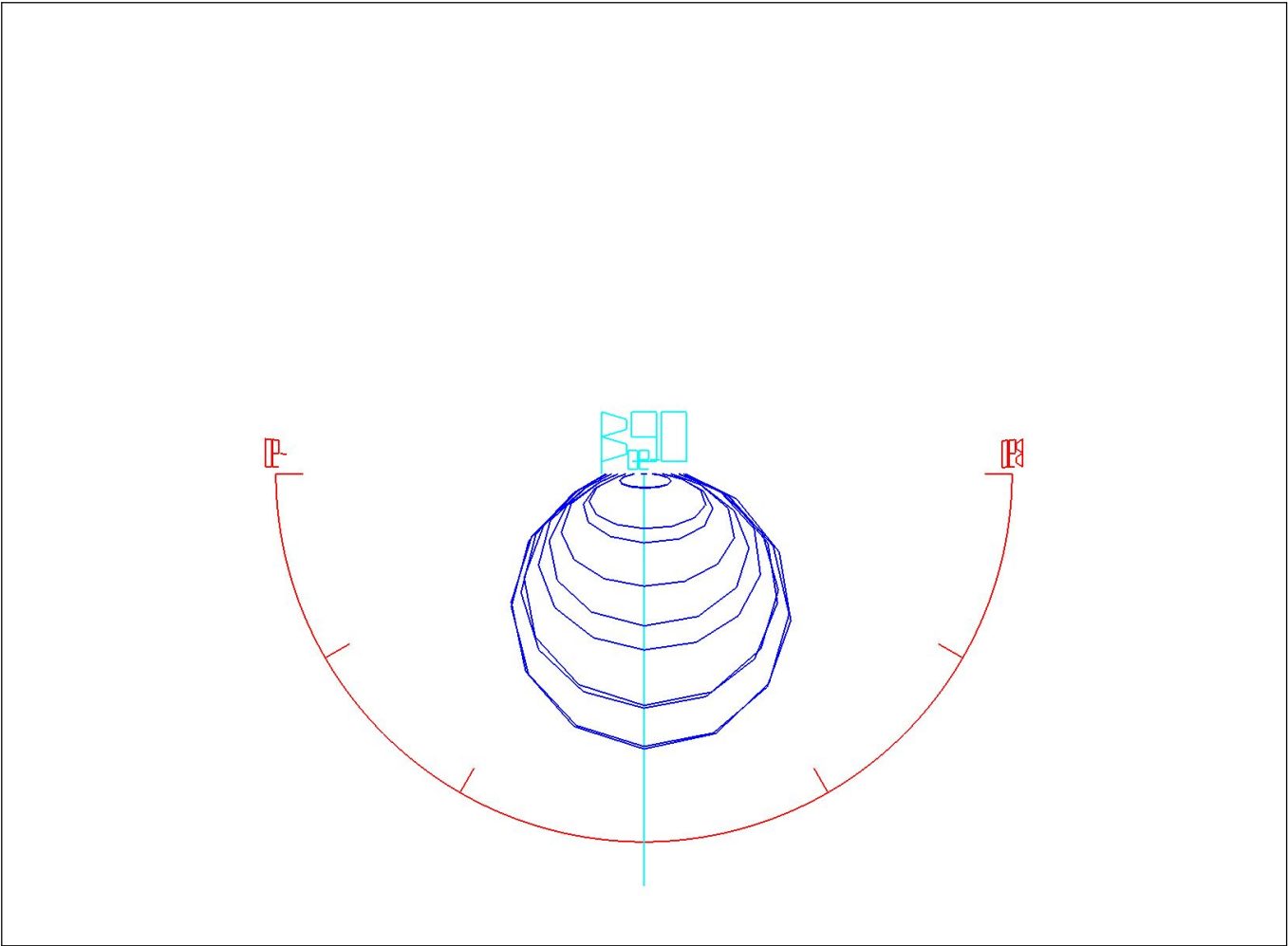
B Plane Distribution Diagram



3D Light Intensity Distribution Modal

Lum. Name:CLT-KNQF24140T09-5A29	Lum. Catelog:	Test ID:
Lamp Name:2835 2648K	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

Vert. HUD

Roll:0

Hori. HUD

Spin:0

Zone Lumens Tabulation

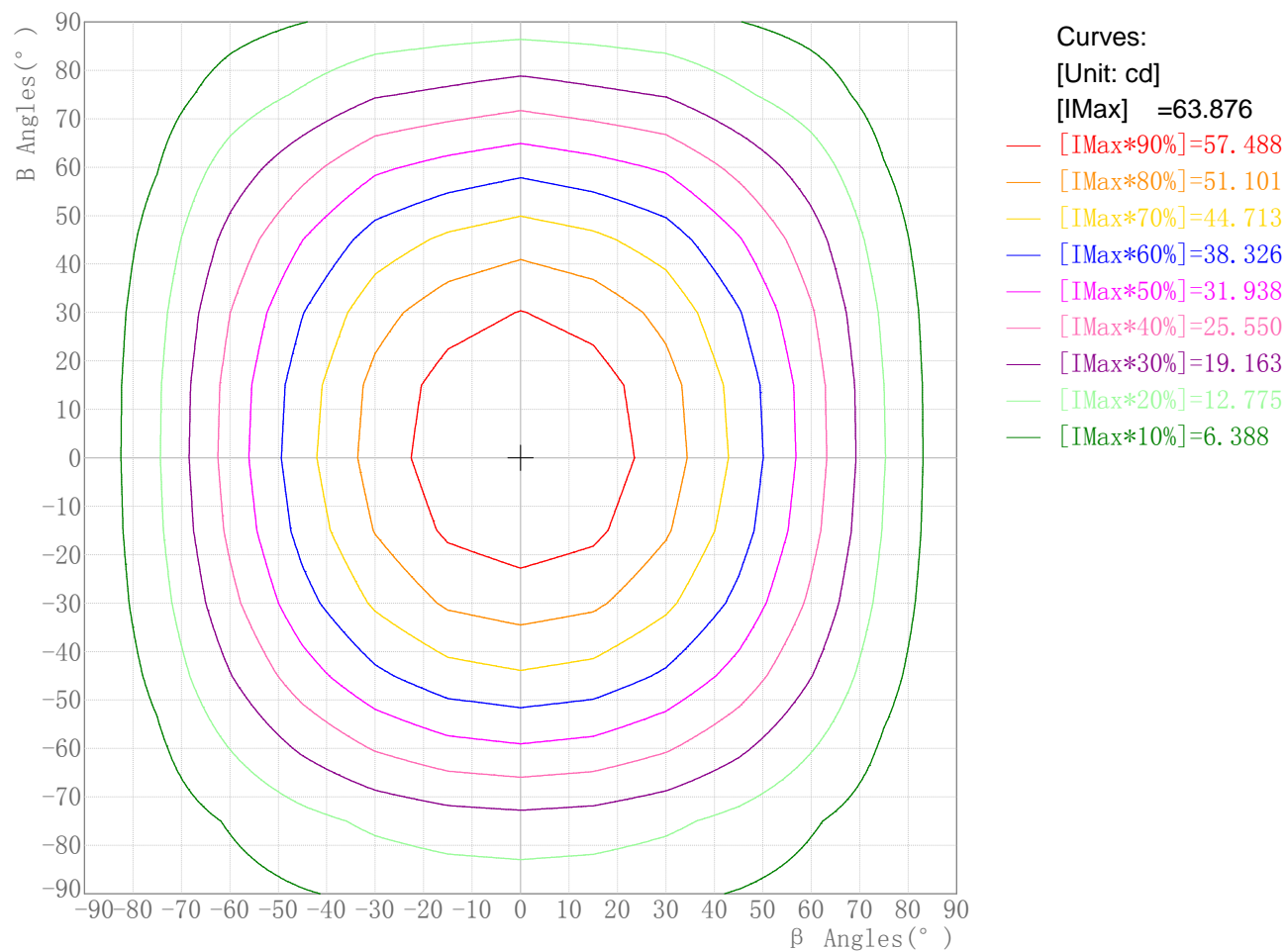
	β -90.0	β -75.0	β -60.0	β -45.0	β -30.0	β -15.0	β 0.0	β 15.0	β 30.0	β 45.0	β 60.0	β 75.0	β 90.0
B-90.0													
B-75.0	0.01	0.11	0.29	0.52	0.73	0.86	0.86	0.74	0.52	0.29	0.11	0.02	
B-60.0	0.02	0.18	0.53	0.96	1.36	1.60	1.60	1.37	0.97	0.53	0.19	0.02	
B-45.0	0.03	0.29	0.84	1.52	2.13	2.49	2.50	2.14	1.54	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-KNQF24140T09-5A29	Lum. Catalog:	Test ID:
Lamp Name: 2835 2648K	Lamp Catalog:	Test Lab:
Manufacture: coolight	Test Machine:GON-2000	Test Date: 2020/01/11

ISO Lighting Intensity Curve



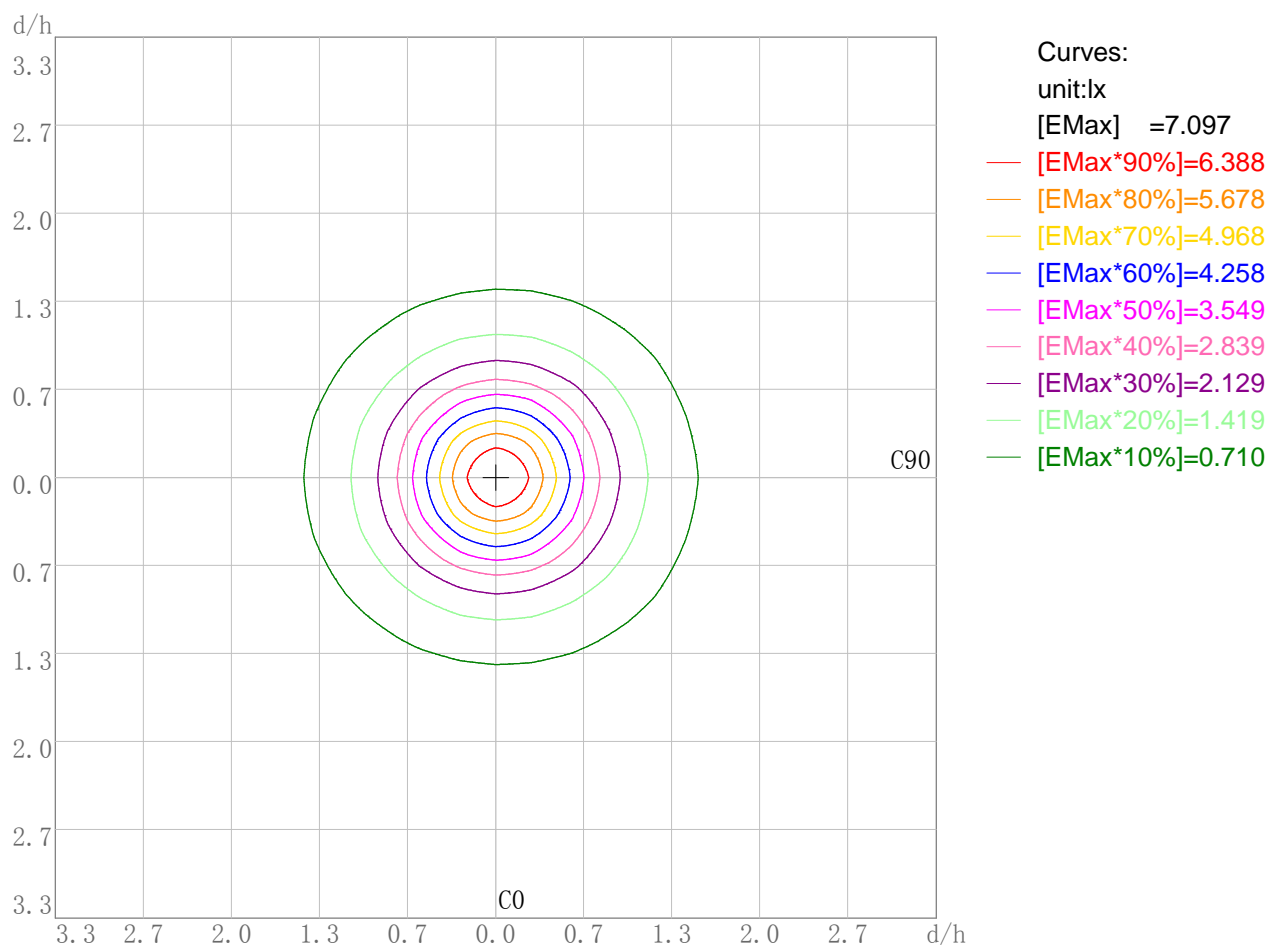
Maximum Light Intensity(cd): 63.88
Maximum Cand.@Angle: H=0.0°,V=0.0°

Photometric Filename:CLT-KNQF24140T09-5A29 901004008433.IES

Plane ISO-Illuminance Diagram

Lum. Name: CLT-KNQF24140T09-5A29	Lum. Catelog:	Test ID:
Lamp Name: 2835 2648K	Lamp Catalog:	Test Lab:
Manufacture: coolight	Test Machine:GON-2000	Test Date: 2020/01/11

Plane ISO-Illuminance Curve

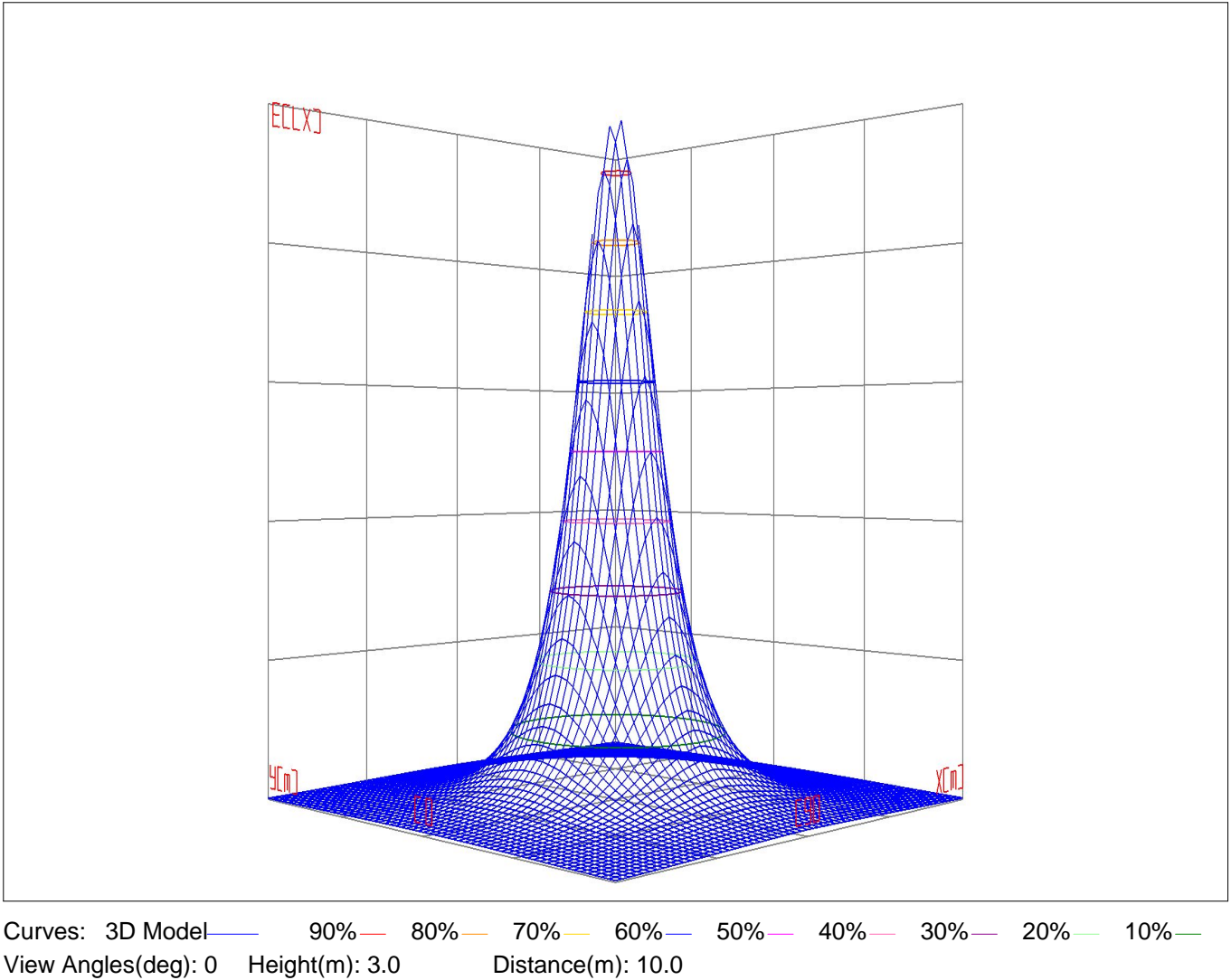


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 7.10
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

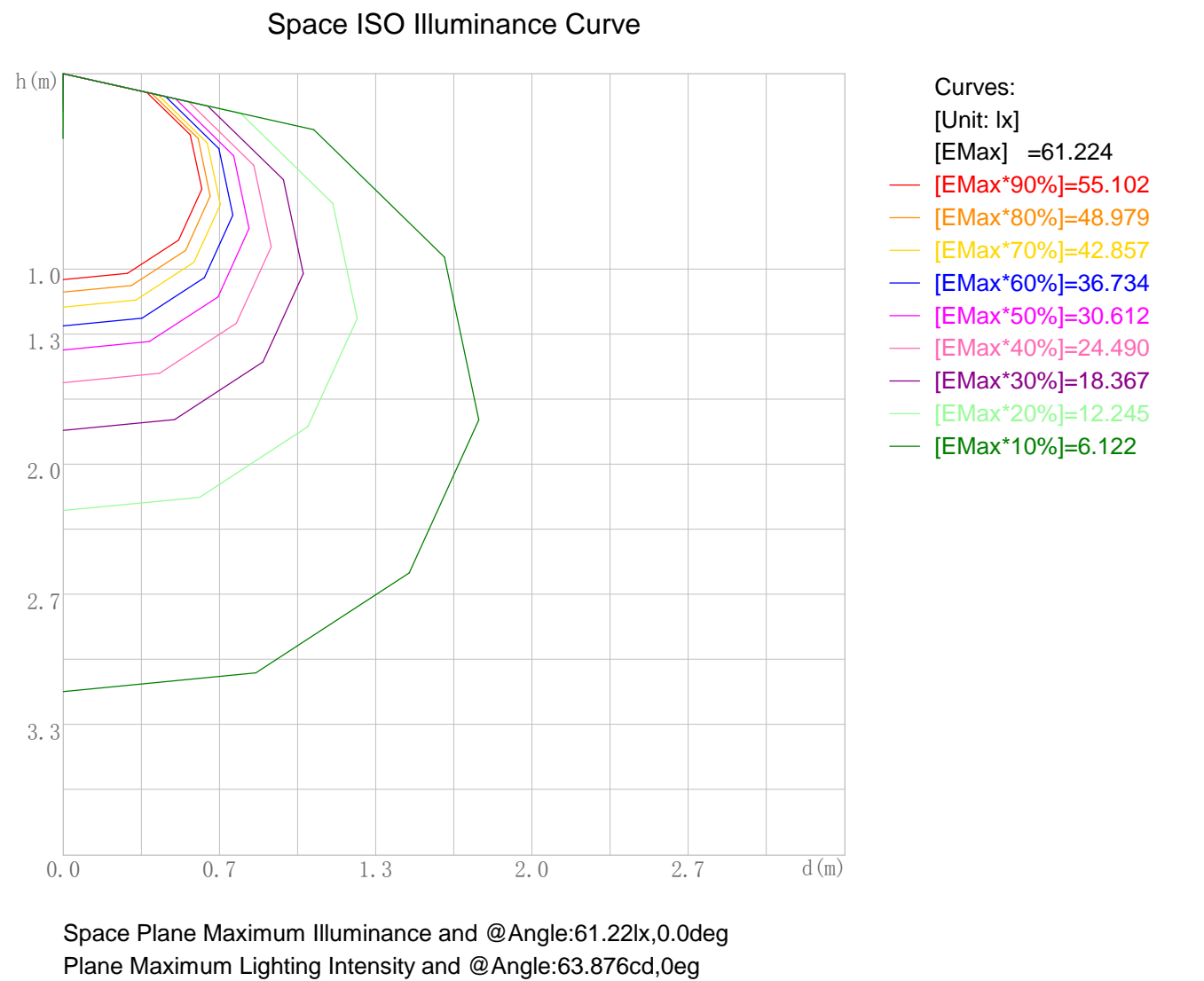
Lum. Name:CLT-KNQF24140T09-5A29	Lum. Catelog:	Test ID:
Lamp Name:2835 2648K	Lamp Catelog:	Test Lab:
Manufacture:coolight	Test Machine:GON-2000	Test Date: 2020/01/11

3D Plane Illuminance Modal



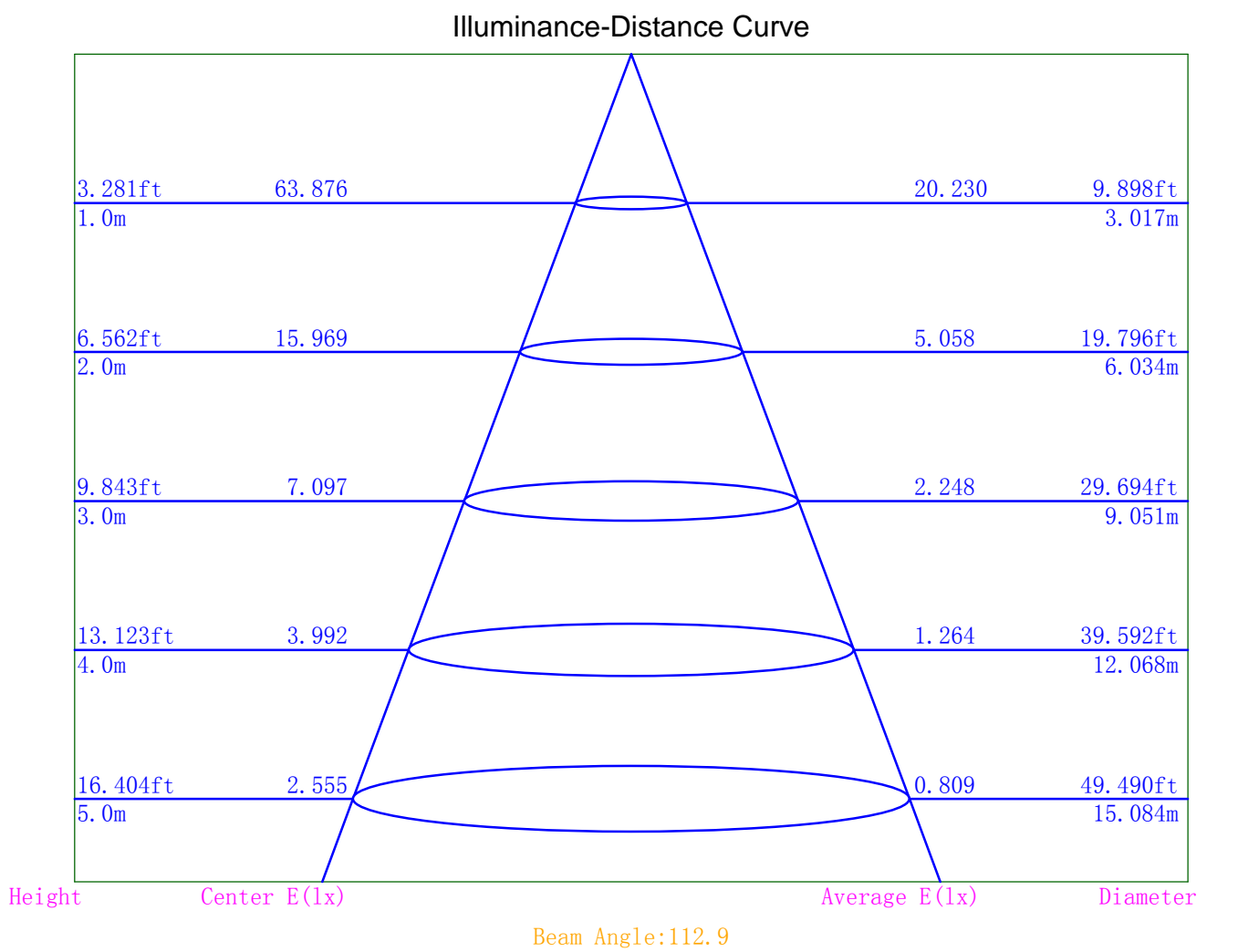
Space ISO Illuminance Diagram

Lum. Name:CLT-KNQF24140T09-5A29	Lum. Catelog:	Test ID:
Lamp Name:2835 2648K	Lamp Catelog:	Test Lab:
Manufacture:coolight	Test Machine:GON-2000	Test Date: 2020/01/11



Illuminance-Distance Diagram

Lum. Name: CLT-KNQF24140T09-5A29	Lum. Catalog:	Test ID:
Lamp Name: 2835 2648K	Lamp Catalog:	Test Lab:
Manufacture: coolight	Test Machine:GON-2000	Test Date: 2020/01/11



Photometric Filename:CLT-KNQF24140T09-5A29 901004008433.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	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