

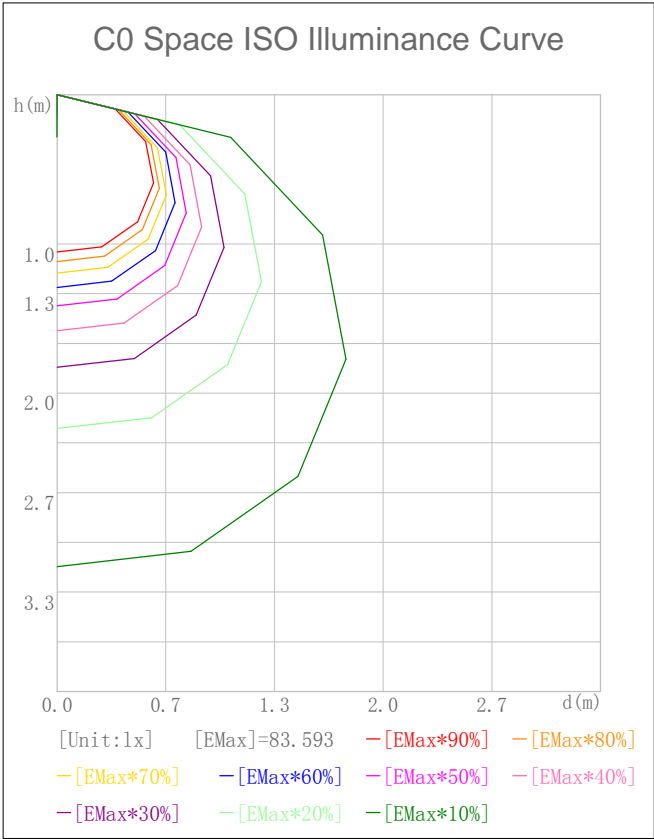
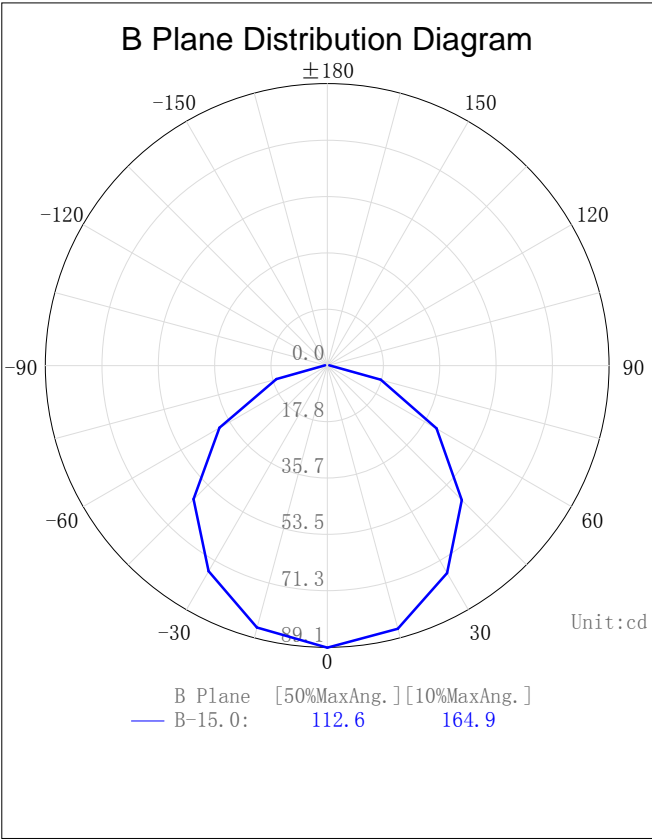
Flood Luminaire Photometric Data

Description Information

Luminary Name: CLT-KNQF24140T09-5A29		Lum. Catalog:	Test ID:
Lamp Name: 2835 2711K		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

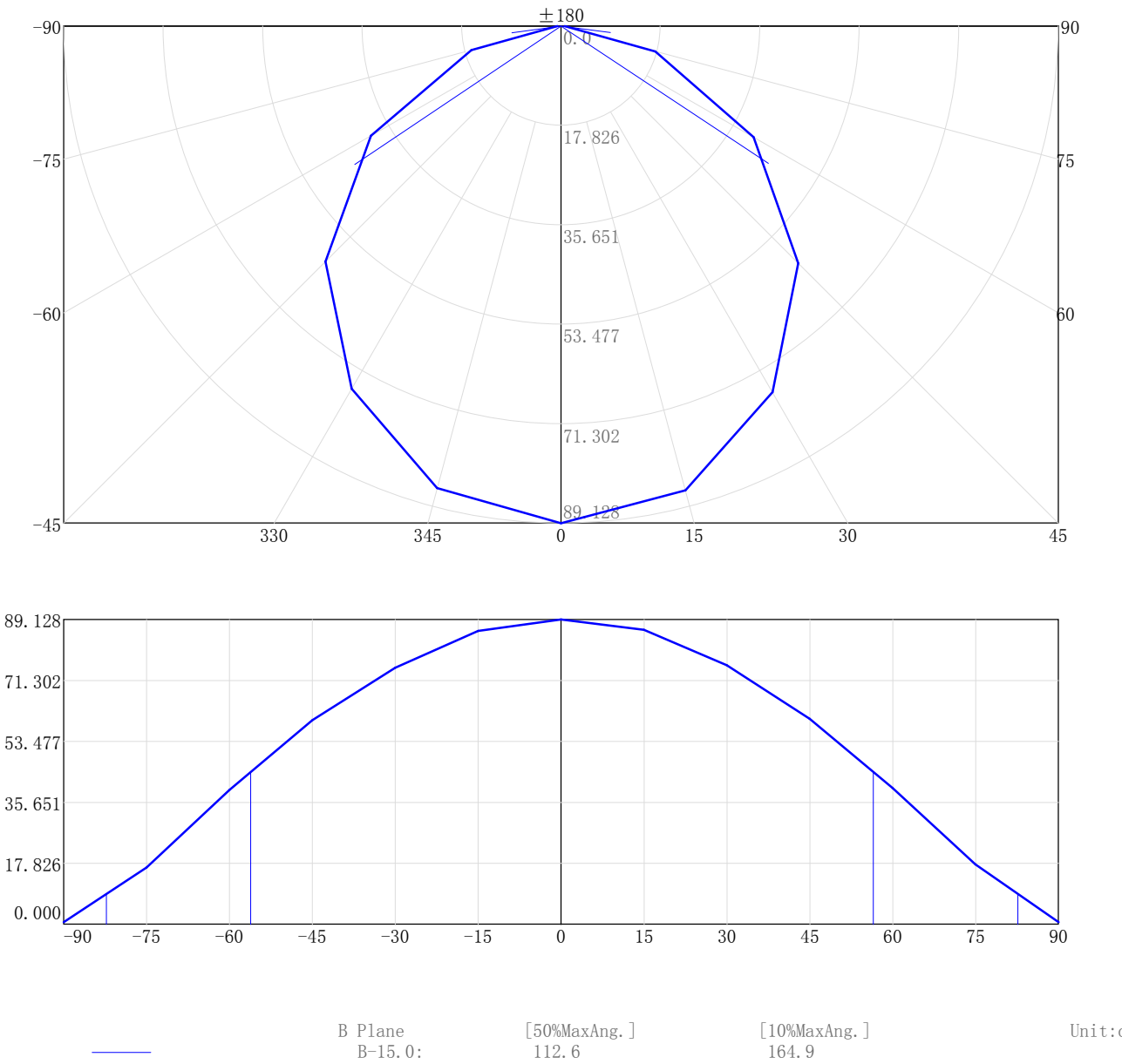
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 299.310	Luminary Flux(lm): 264.617	Beam Lumens(lm): 188.13	
Rated Power(W):	Luminary Efficiency: 88.41%	Beam Efficiency(%): 71.10	
Rated Voltage(V):	Luminary EER(lm/W): 26.697	Field Lumens(lm): 260.67	
Tested Power(W): 9.912	Max.Candela(cd): 89.128	Field Efficiency(%): 98.51	
Lamps' Inside: 1	Max Cand@Ang.(°): B=-15.0 β=0.0	ErP Φuse(120°): 197.821lm	
Tested Electrics(V, A, pf):24.0, 0.410, 1.000	Beam Angle(50%)(V, H): 116.5(°), 112.6(°)	IRF(%): 110.604	
Lamp Size(W*L*H):0.100m*1.000m*0.010m	Field Angle(10%)(V, H): 171.6(°), 164.9(°)		



2D Plane Light Intensity Distribution Curve

Lum. Name: CLT-KNQF24140T09-5A29	Lum. Catalog:	Test ID:
Lamp Name: 2835 2711K	Lamp Catalog:	Test Lab:
Manufacture: coolight	Test Machine:GON-2000	Test Date: 2020/01/11

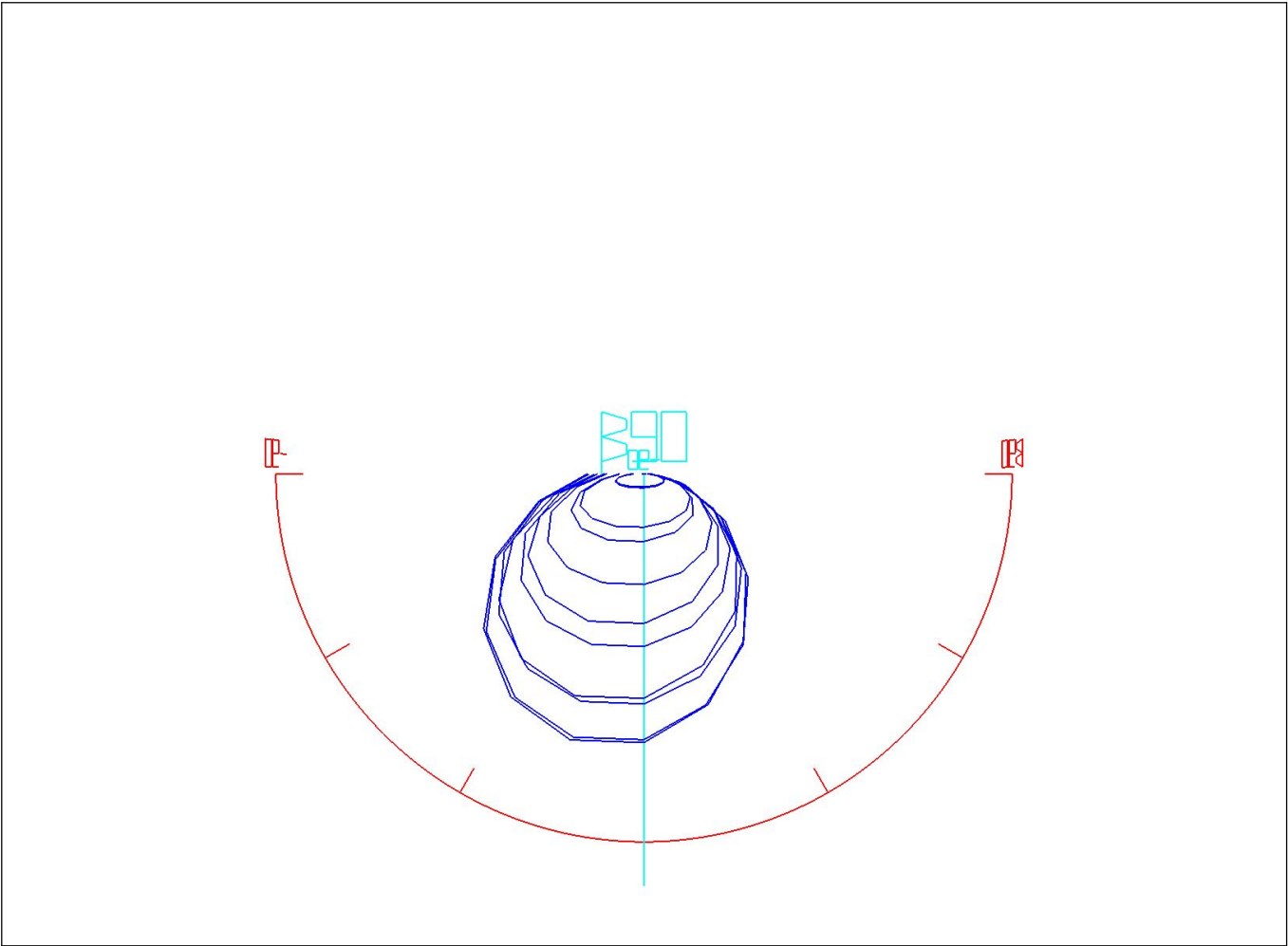
B Plane Distribution Diagram



3D Light Intensity Distribution Modal

Lum. Name:CLT-KNQF24140T09-5A29	Lum. Catelog:	Test ID:
Lamp Name:2835 2711K	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

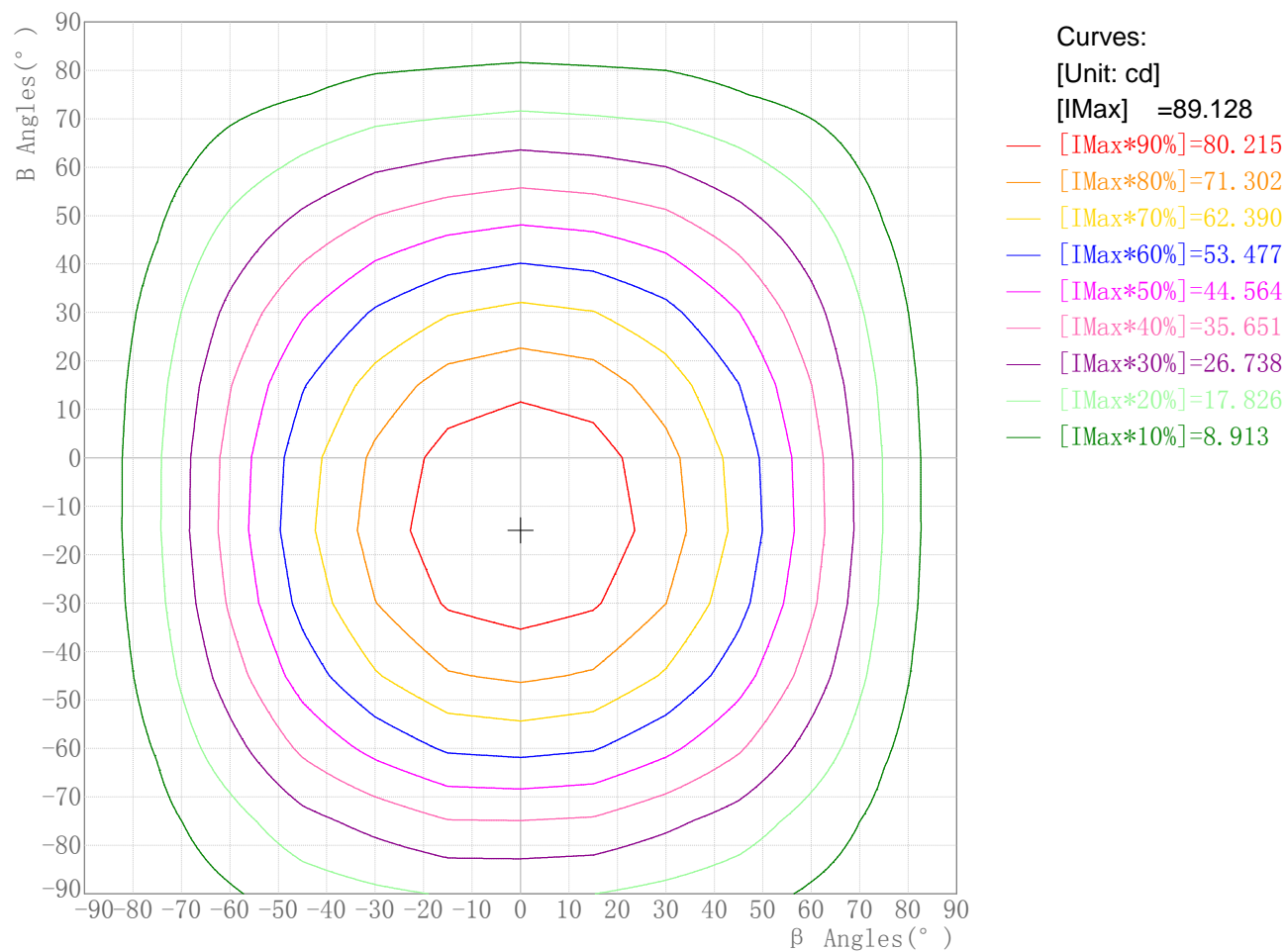
	β -90.0	β -75.0	β -60.0	β -45.0	β -30.0	β -15.0	β 0.0	β 15.0	β 30.0	β 45.0	β 60.0	β 75.0	β 90.0
B-90.0													
B-75.0	0.02	0.21	0.62	1.12	1.57	1.83	1.81	1.53	1.07	0.59	0.21	0.03	
B-60.0	0.04	0.35	1.03	1.87	2.64	3.07	3.05	2.59	1.83	1.01	0.35	0.04	
B-45.0	0.05	0.50	1.46	2.64	3.69	4.31	4.29	3.67	2.62	1.46	0.51	0.06	
B-30.0	0.07	0.63	1.80	3.22	4.49	5.23	5.23	4.49	3.22	1.81	0.64	0.07	
B-15.0	0.07	0.71	2.00	3.55	4.94	5.77	5.77	4.97	3.58	2.01	0.72	0.08	
B0.0	0.08	0.73	2.04	3.61	5.01	5.85	5.87	5.06	3.65	2.06	0.75	0.08	
B15.0	0.07	0.69	1.93	3.39	4.70	5.49	5.51	4.76	3.45	1.95	0.71	0.08	
B30.0	0.06	0.60	1.67	2.94	4.06	4.74	4.77	4.13	3.00	1.71	0.62	0.07	
B45.0	0.05	0.47	1.31	2.31	3.20	3.73	3.76	3.27	2.39	1.36	0.49	0.05	
B60.0	0.03	0.32	0.90	1.60	2.22	2.60	2.62	2.28	1.67	0.95	0.34	0.04	
B75.0	0.02	0.17	0.49	0.89	1.24	1.46	1.48	1.29	0.94	0.53	0.19	0.02	
B90.0	0.01	0.07	0.18	0.33	0.45	0.53	0.54	0.47	0.35	0.20	0.08	0.01	
Total	0.58	5.43	15.42	27.48	38.23	44.61	44.70	38.51	27.77	15.64	5.62	0.62	

β 90.0	Total
B-90.0	
B-75.0	10.61
B-60.0	17.88
B-45.0	25.27
B-30.0	30.91
B-15.0	34.17
B0.0	34.78
B15.0	32.72
B30.0	28.37
B45.0	22.39
B60.0	15.56
B75.0	8.73
B90.0	3.23
Total	264.62

Rectangle ISO Lighting Intensity Diagram

Lum. Name: CLT-KNQF24140T09-5A29	Lum. Catalog:	Test ID:
Lamp Name: 2835 2711K	Lamp Catalog:	Test Lab:
Manufacture: coolight	Test Machine:GON-2000	Test Date: 2020/01/11

ISO Lighting Intensity Curve

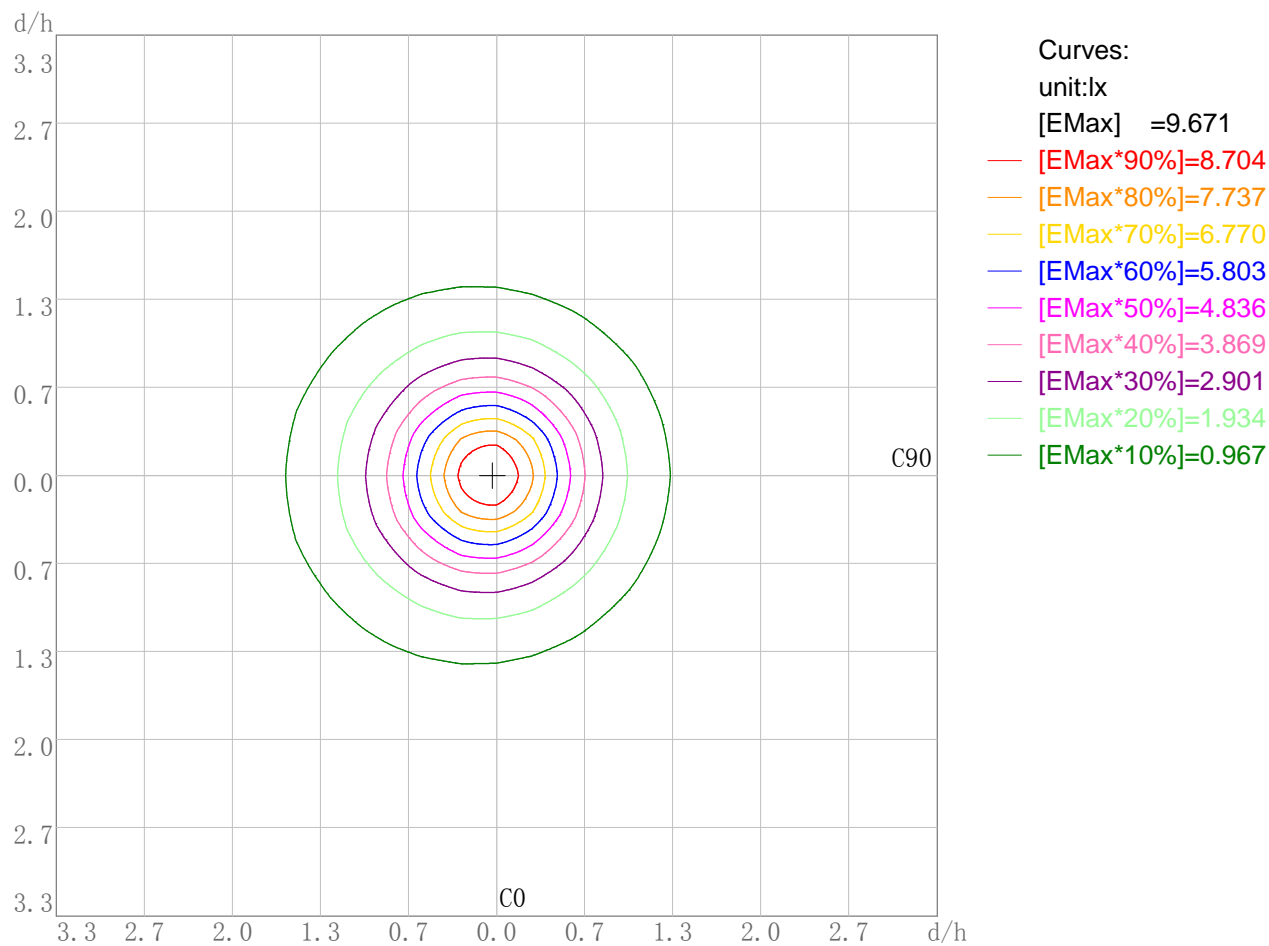


Maximum Light Intensity(cd): 89.13
Maximum Cand.@Angle: H=0.0°,V=-15.0°

Plane ISO-Illuminance Diagram

Lum. Name:CLT-KNQF24140T09-5A29	Lum. Catalog:	Test ID:
Lamp Name:2835 2711K	Lamp Catalog:	Test Lab:
Manufacture:coolight	Test Machine:GON-2000	Test Date:2020/01/11

Plane ISO-Illuminance Curve

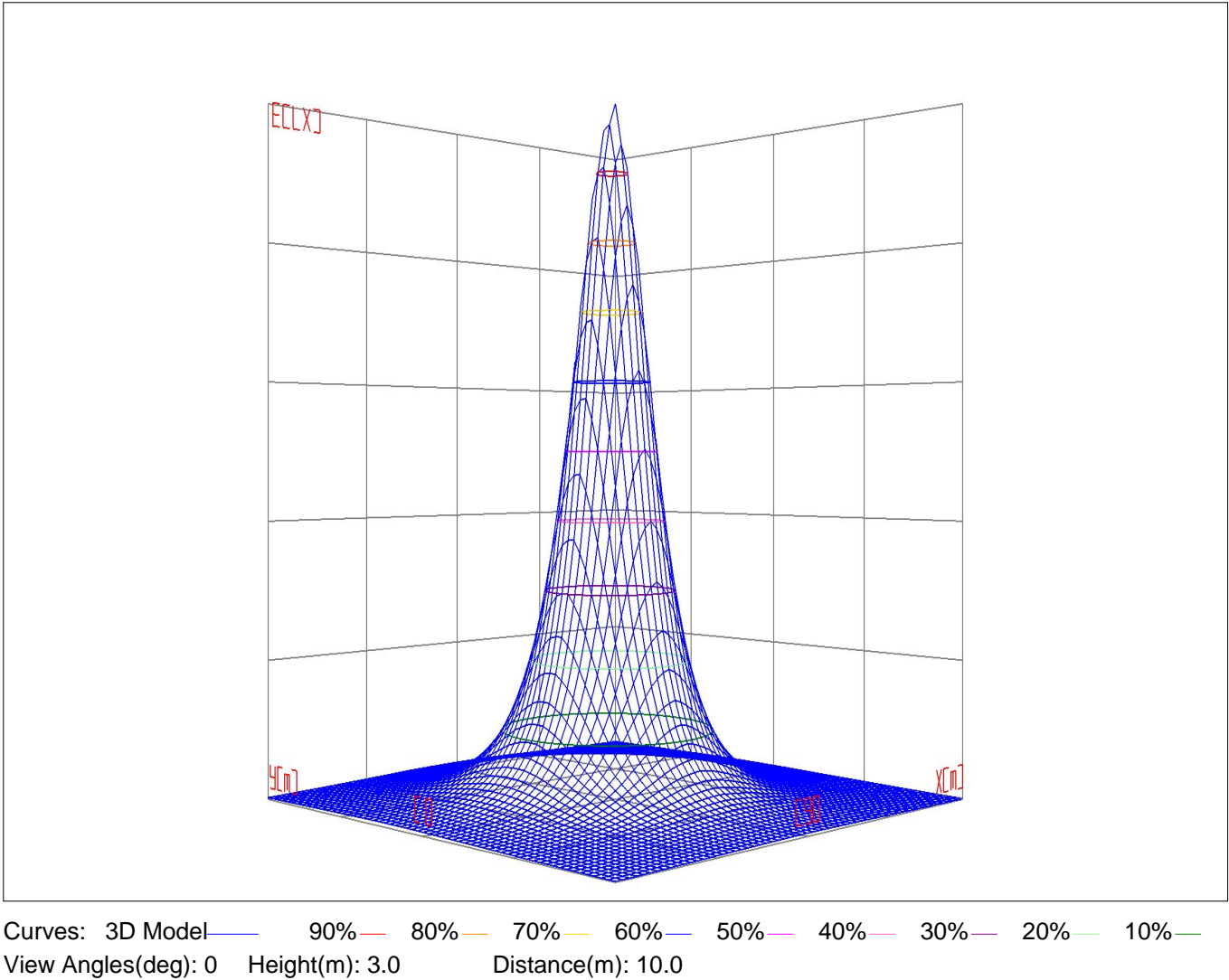


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 9.67
Working Plane Maximum Illuminance Position(d/h):H-0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name:CLT-KNQF24140T09-5A29	Lum. Catelog:	Test ID:
Lamp Name:2835 2711K	Lamp Catelog:	Test Lab:
Manufacture:coolight	Test Machine:GON-2000	Test Date:2020/01/11

3D Plane Illuminance Modal



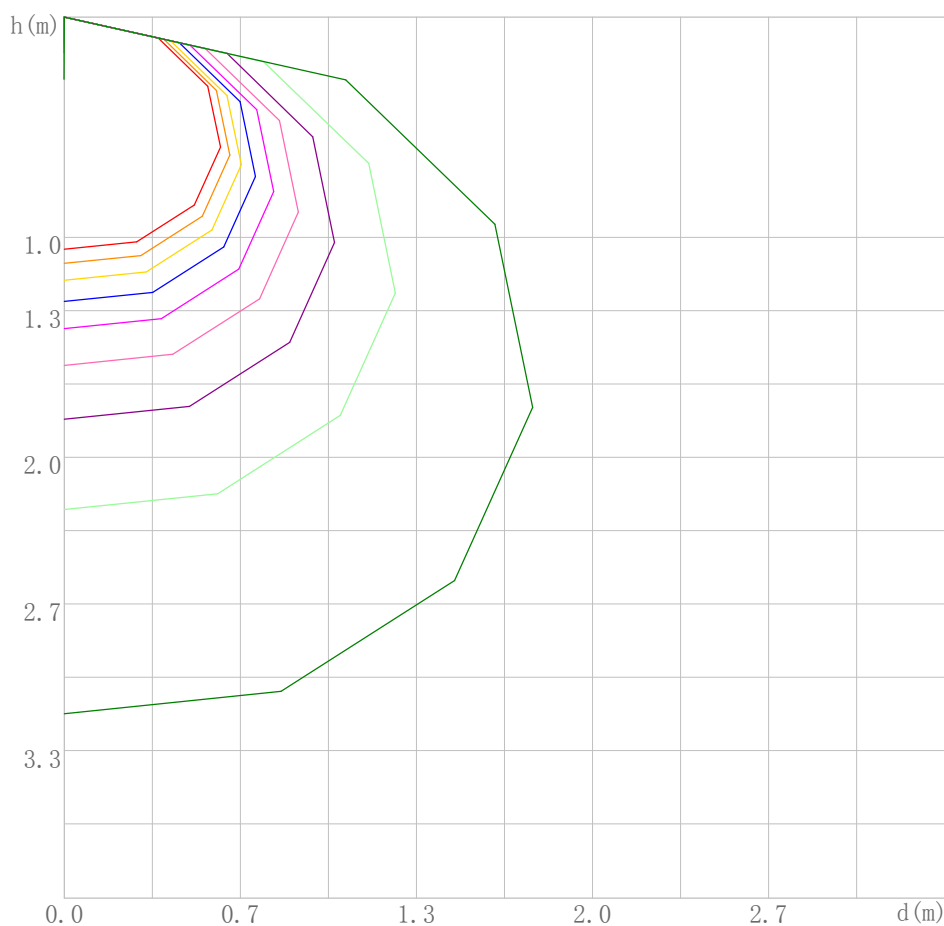
IES Flood Report

Photometric Filename:CLT-KNQF24140T09-5A29 901004006519.IES

Space ISO Illuminance Diagram

Lum. Name: CLT-KNQF24140T09-5A29	Lum. Catalog:	Test ID:
Lamp Name: 2835 2711K	Lamp Catalog:	Test Lab:
Manufacture: coolight	Test Machine:GON-2000	Test Date: 2020/01/11

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =83.593

[EMax*90%]=75.234

[EMax*80%]=66.874

[EMax*70%]=58.515

[EMax*60%]=50.156

[EMax*50%]=41.797

[EMax*40%]=33.437

[EMax*30%]=25.078

[EMax*20%]=16.719

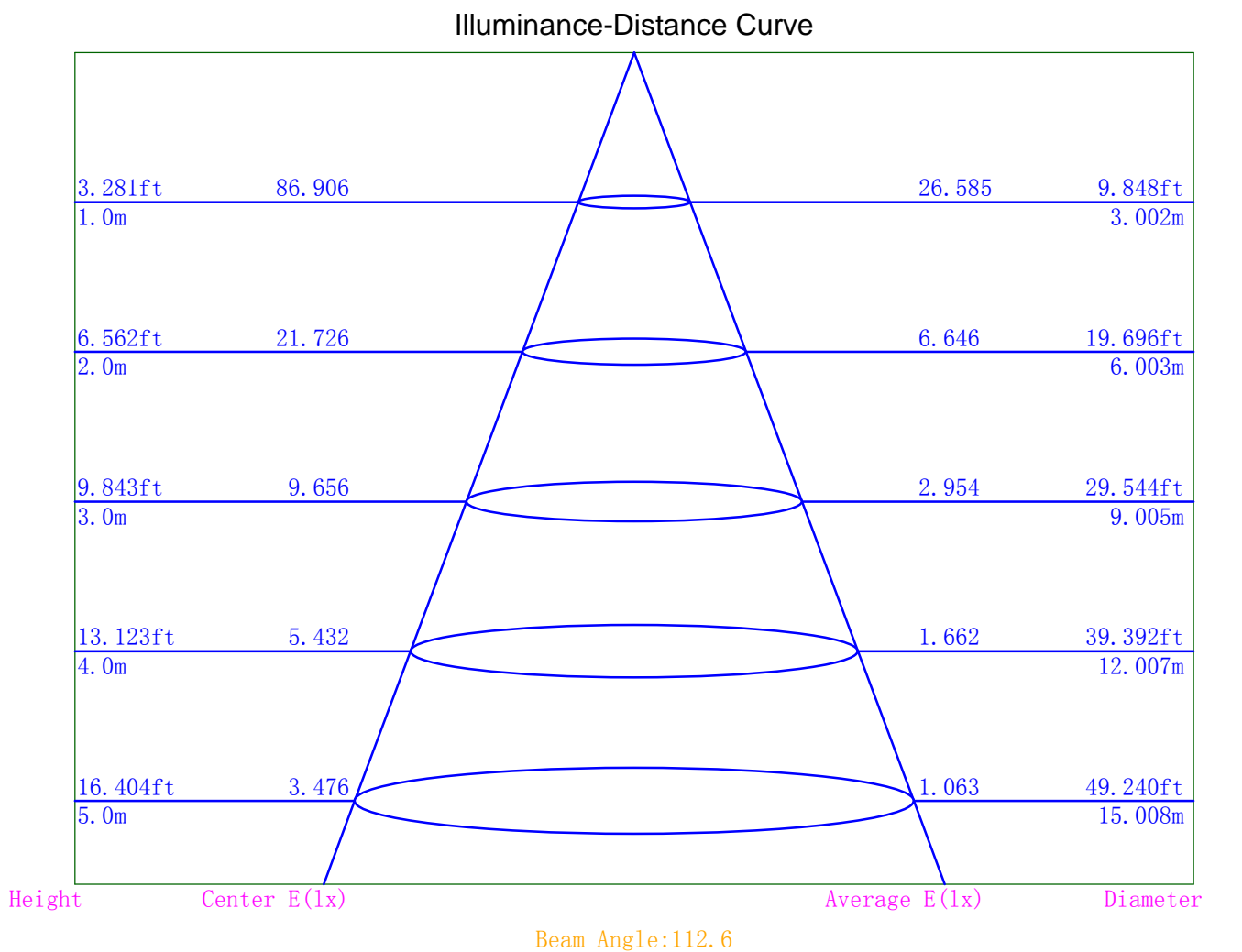
[EMax*10%]=8.359

Space Plane Maximum Illuminance and @Angle:83.59lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:86.906cd,0deg

Illuminance-Distance Diagram

Lum. Name:CLT-KNQF24140T09-5A29	Lum. Catalog:	Test ID:
Lamp Name:2835 2711K	Lamp Catalog:	Test Lab:
Manufacture:coolight	Test Machine:GON-2000	Test Date:2020/01/11



Photometric Filename:CLT-KNQF24140T09-5A29 901004006519.IES

[illegible]