

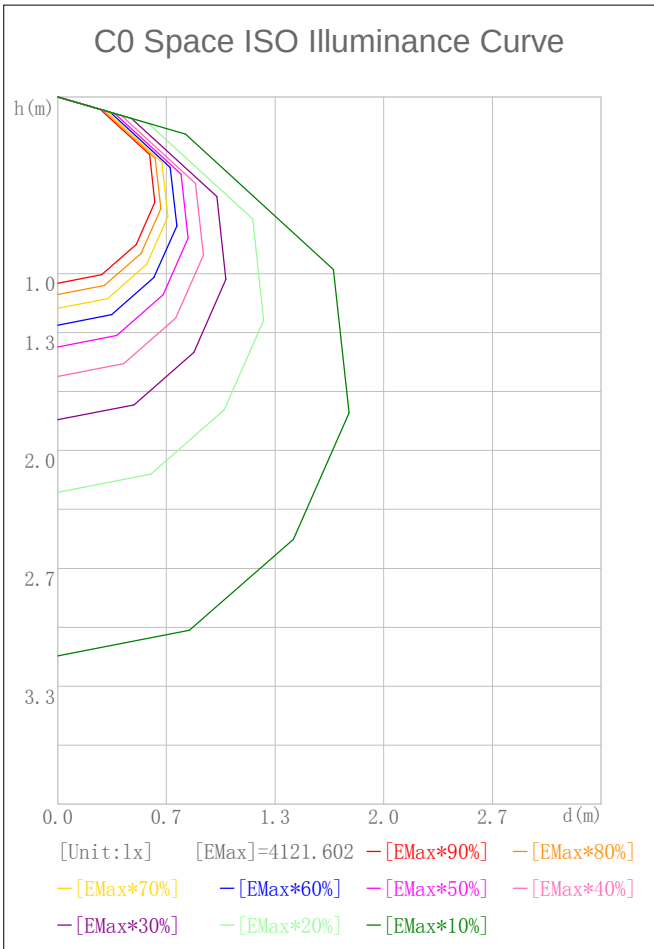
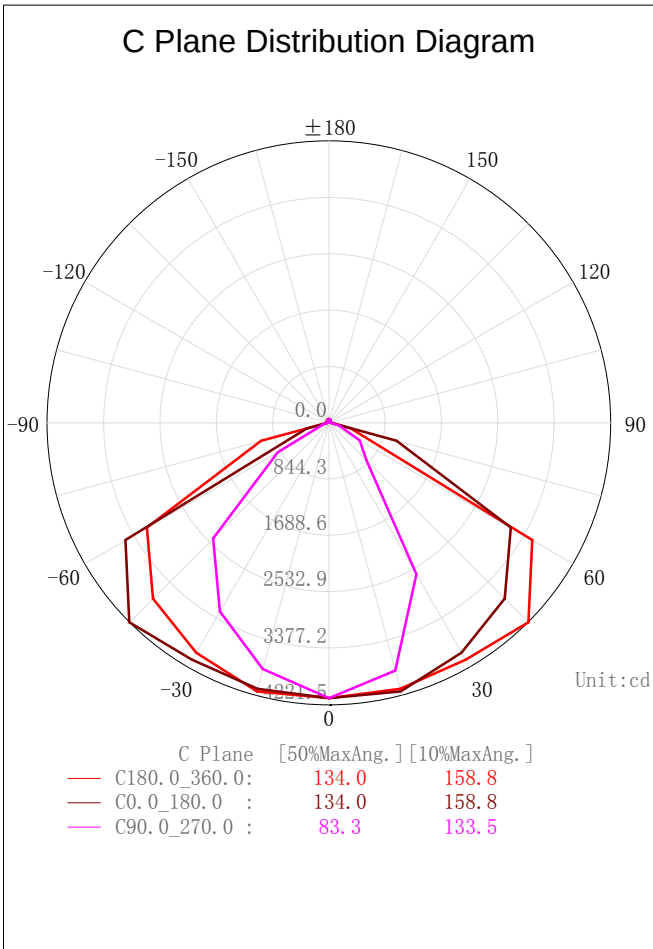
Road Luminaire Photometric Data

Description Information

Luminary Name: ASL15-10W		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2021/04/16
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.250m*0.500m*0.040m		Lum. Area (m2):0.145	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=15.0	Temp. (°C): 25	Humidity (%): 50.0

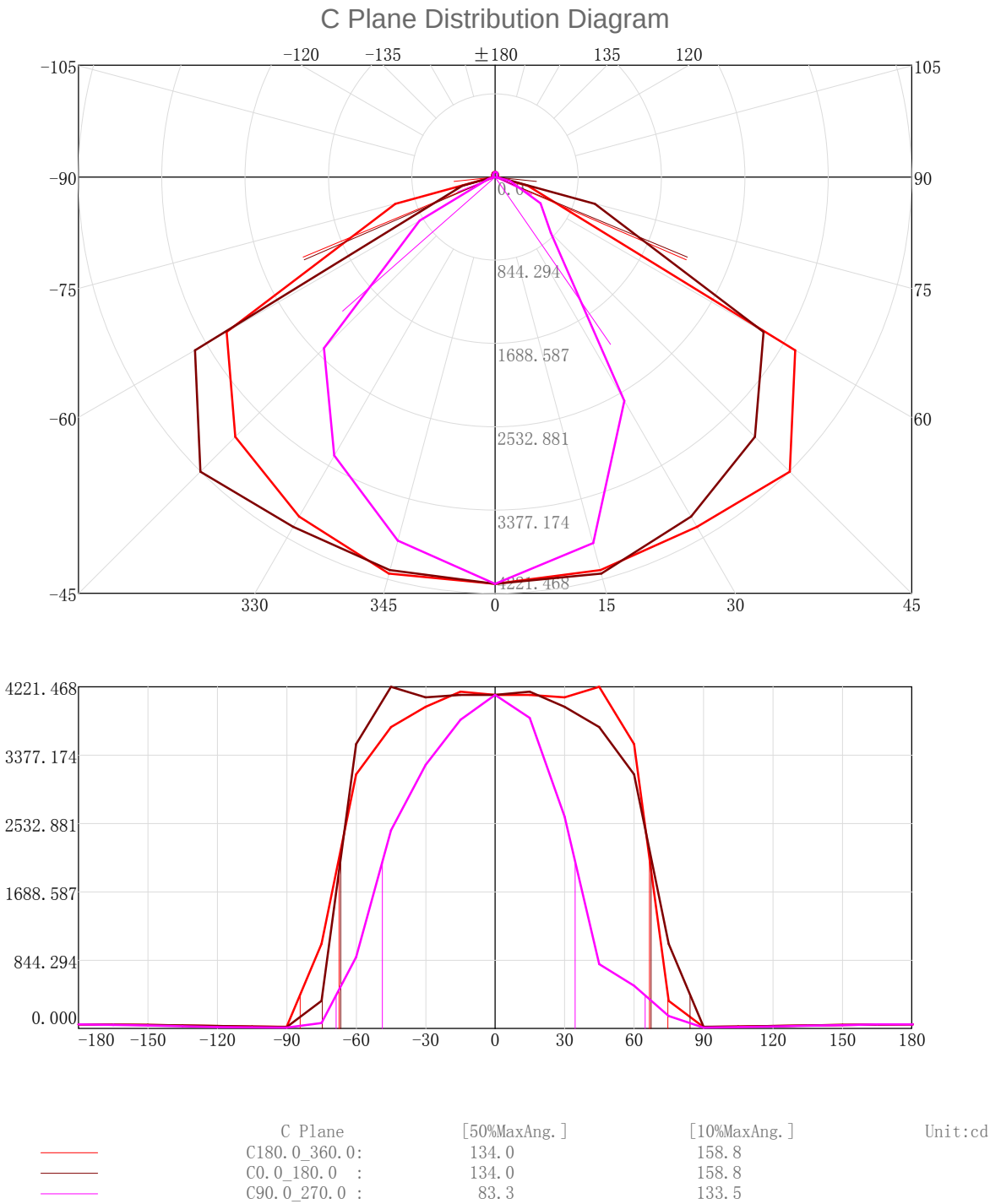
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 10956.180	Luminary Flux(lm): 10956.183	Down Lumens&Percent: 10763.311lm 98.24%	
Rated Power(W):	Luminary Efficiency: 100.00%	Up Lumens&Percent: 192.872lm 1.76%	
Rated Voltage(V):	Luminary EER(lm/W): 121.519	76° Flash Area(m2):	
Tested Power(W): 90.160	Max. Candela(cd): 4221.468	SLI: 0.000	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ=45.0	IES Classification: Type I	
Tested Electrics(V, A, pf):221.3, 0.418, 0.974	Half Peak Angle(°): L=-67.4, R=66.6	Longitudinal Classfct: Very Short	
Lamp Size (W*L*H):0.250m*0.500m*0.040m	Field Angle(10%Imax): 158.8(°)	Cutoff Classification: Cutoff	



2D Plane Light Intensity Distribution Curve

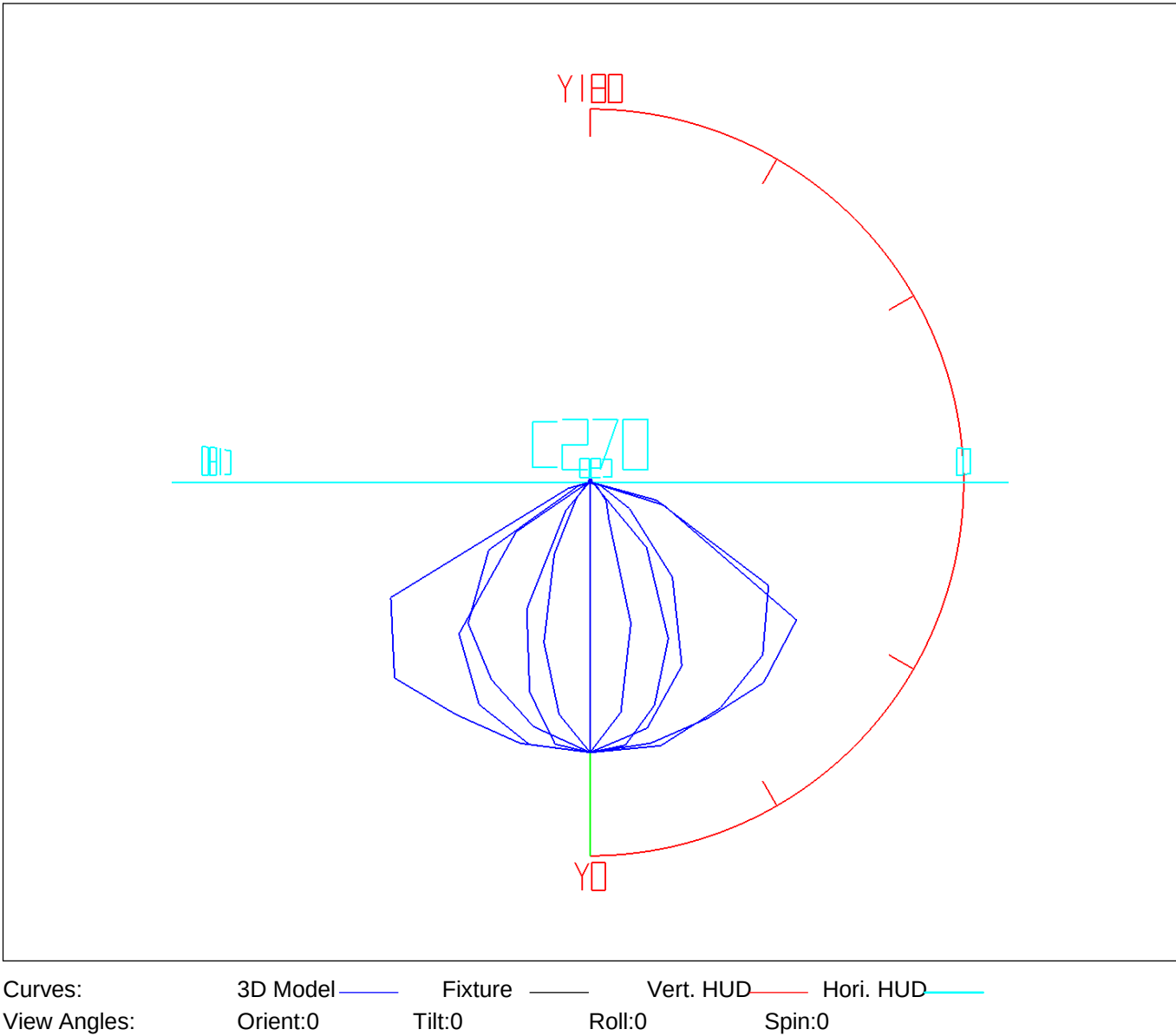
Lum. Name:ASL15-10W	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/04/16



3D Light Intensity Distribution Modal

Lum. Name:ASL15-10W	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/04/16

3D Light Intensity Distribution Modal

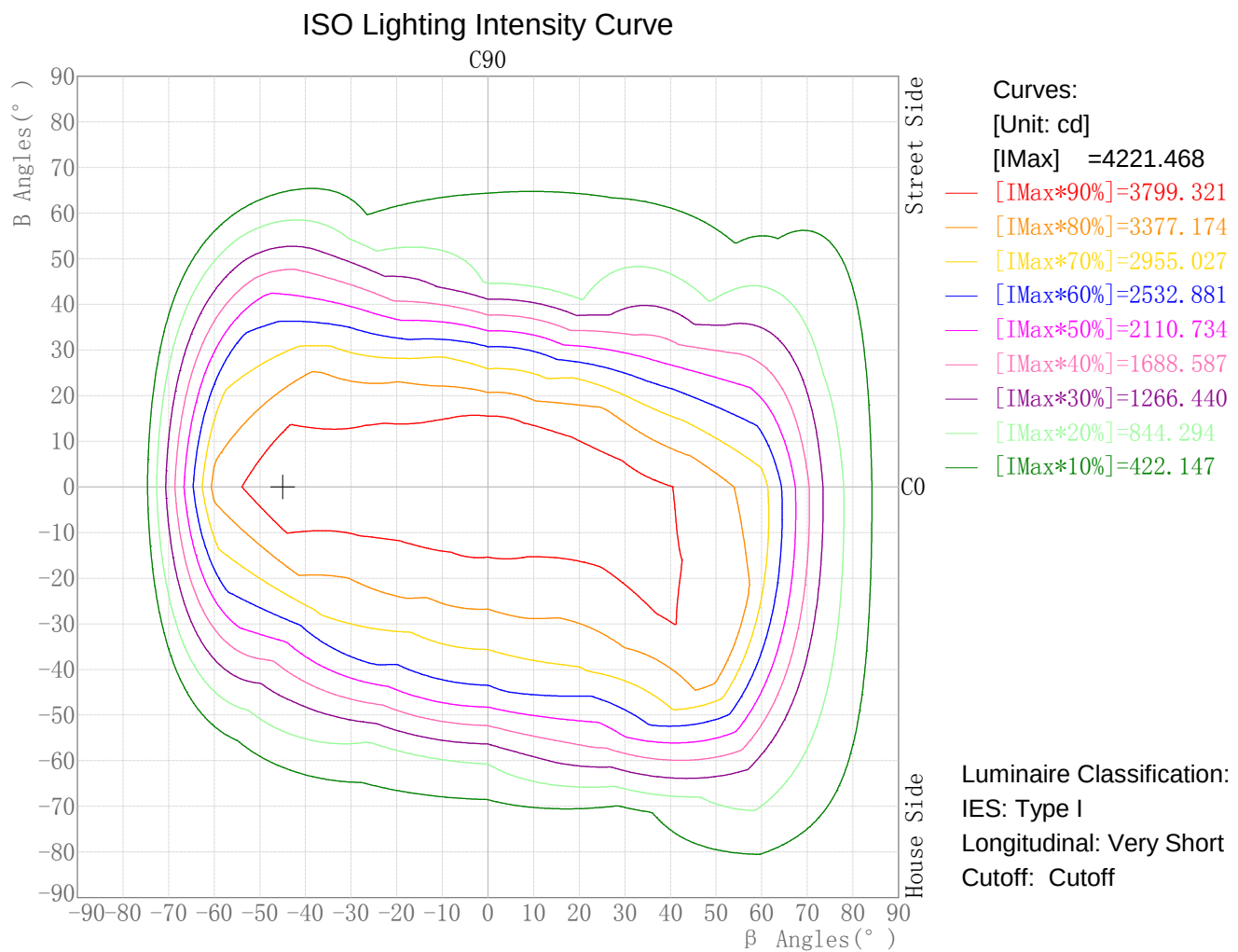


Zonal Flux Tabulation

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-15.0	864.42	864.42	7.89	7.89
15.0-30.0	2317.72	3182.14	21.15	29.04
30.0-45.0	3018.77	6200.91	27.55	56.60
45.0-60.0	2780.50	8981.40	25.38	81.98
60.0-75.0	1503.19	10484.59	13.72	95.70
75.0-90.0	278.72	10763.31	2.54	98.24
90.0-105.0	31.29	10794.60	0.29	98.53
105.0-120.0	37.80	10832.40	0.35	98.87
120.0-135.0	42.32	10874.72	0.39	99.26
135.0-150.0	40.53	10915.25	0.37	99.63
150.0-165.0	29.87	10945.12	0.27	99.90
165.0-180.0	11.06	10956.18	0.10	100.00

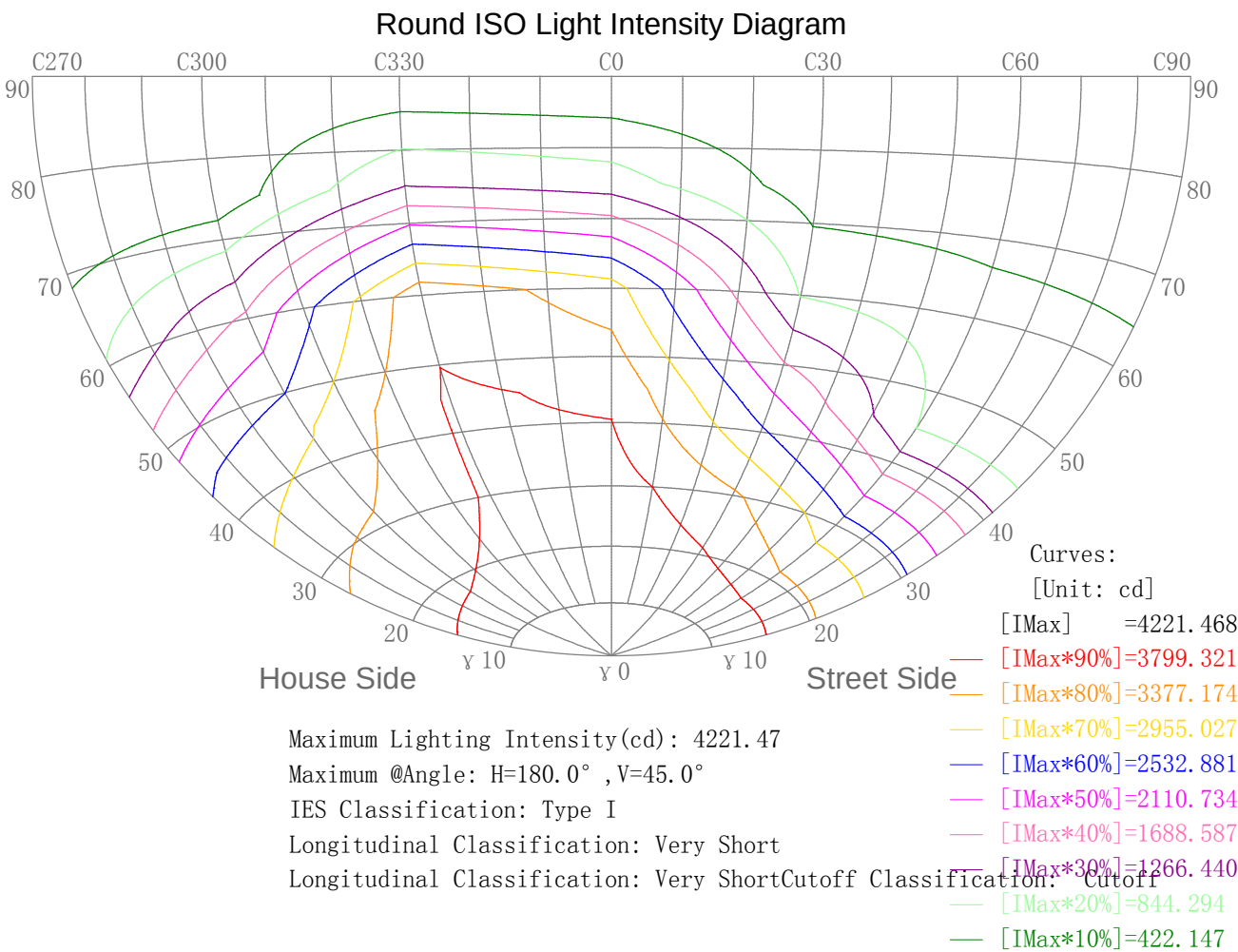
Rectangle ISO Lighting Intensity Diagram

Lum. Name: ASL15-10W	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/04/16



Round ISO Lighting Intensity Diagram

Lum. Name:ASL15-10W	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/04/16



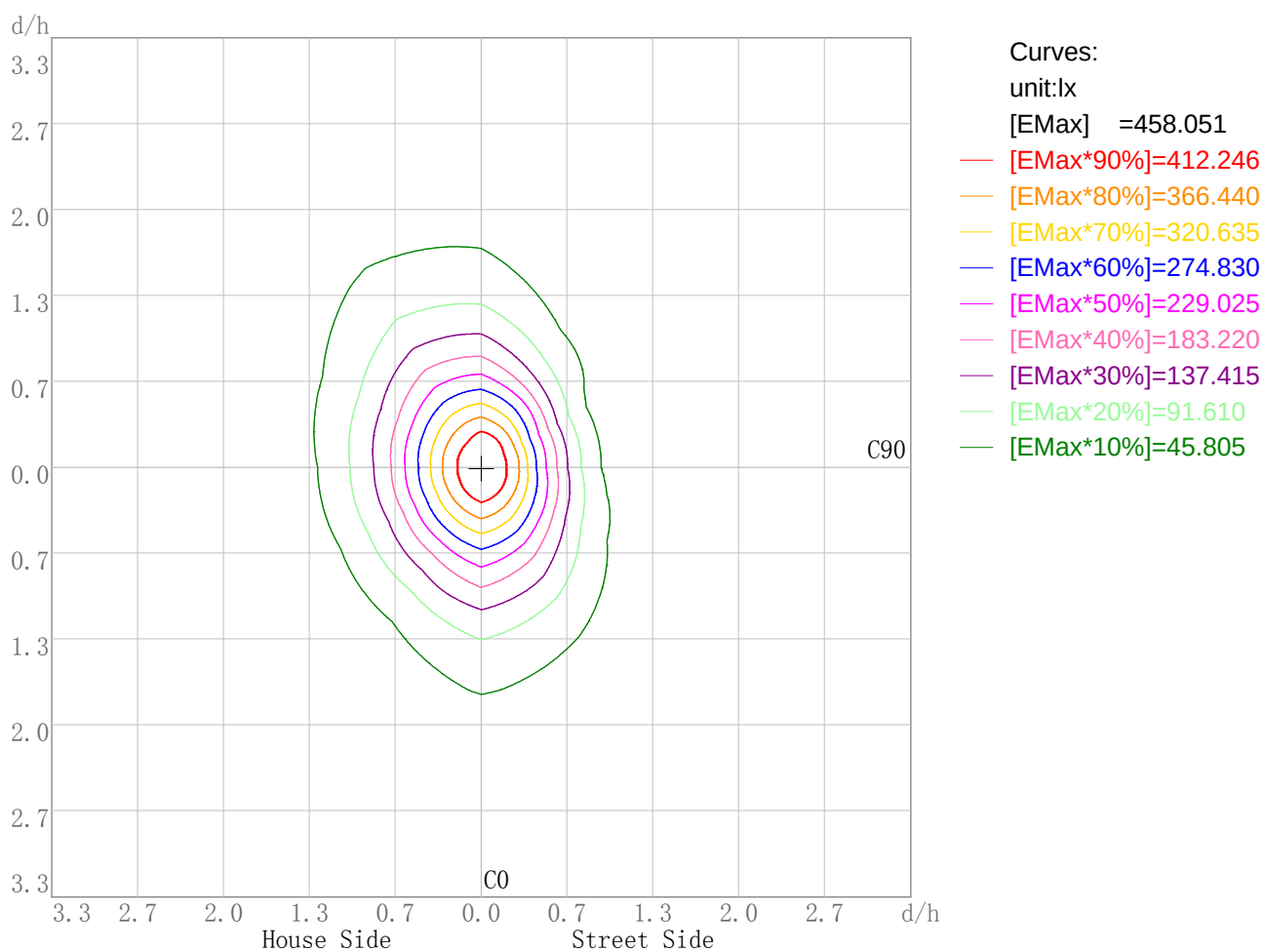
IES Road Report

Photometric Filename:ASL15-100W.IES

Plane ISO-Illuminance Diagram

Lum. Name: ASL15-10W	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/04/16

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

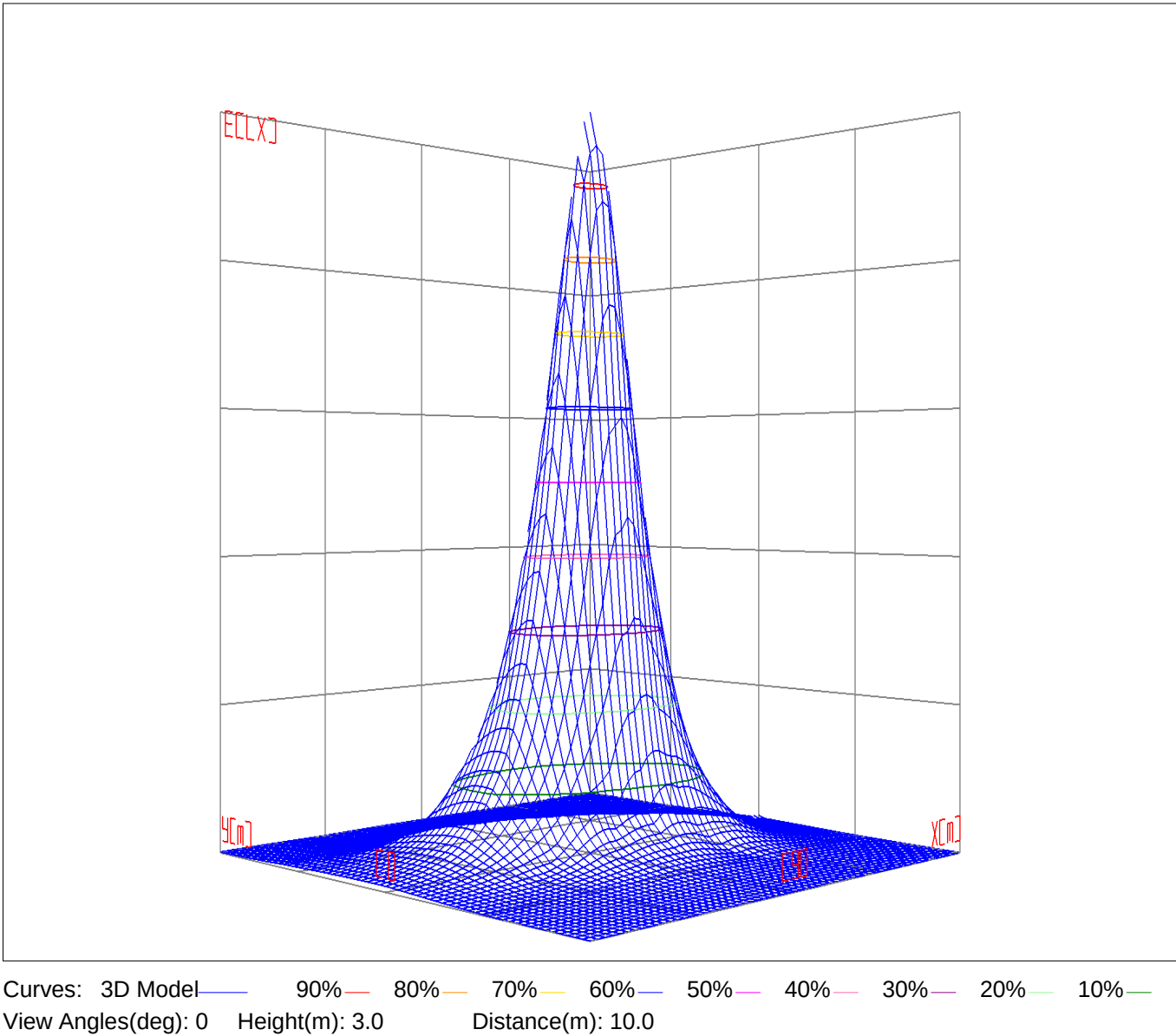
Working Plane Maximum Illuminance(lx): 458.05

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

3D Plane ISO Illuminance Diagram

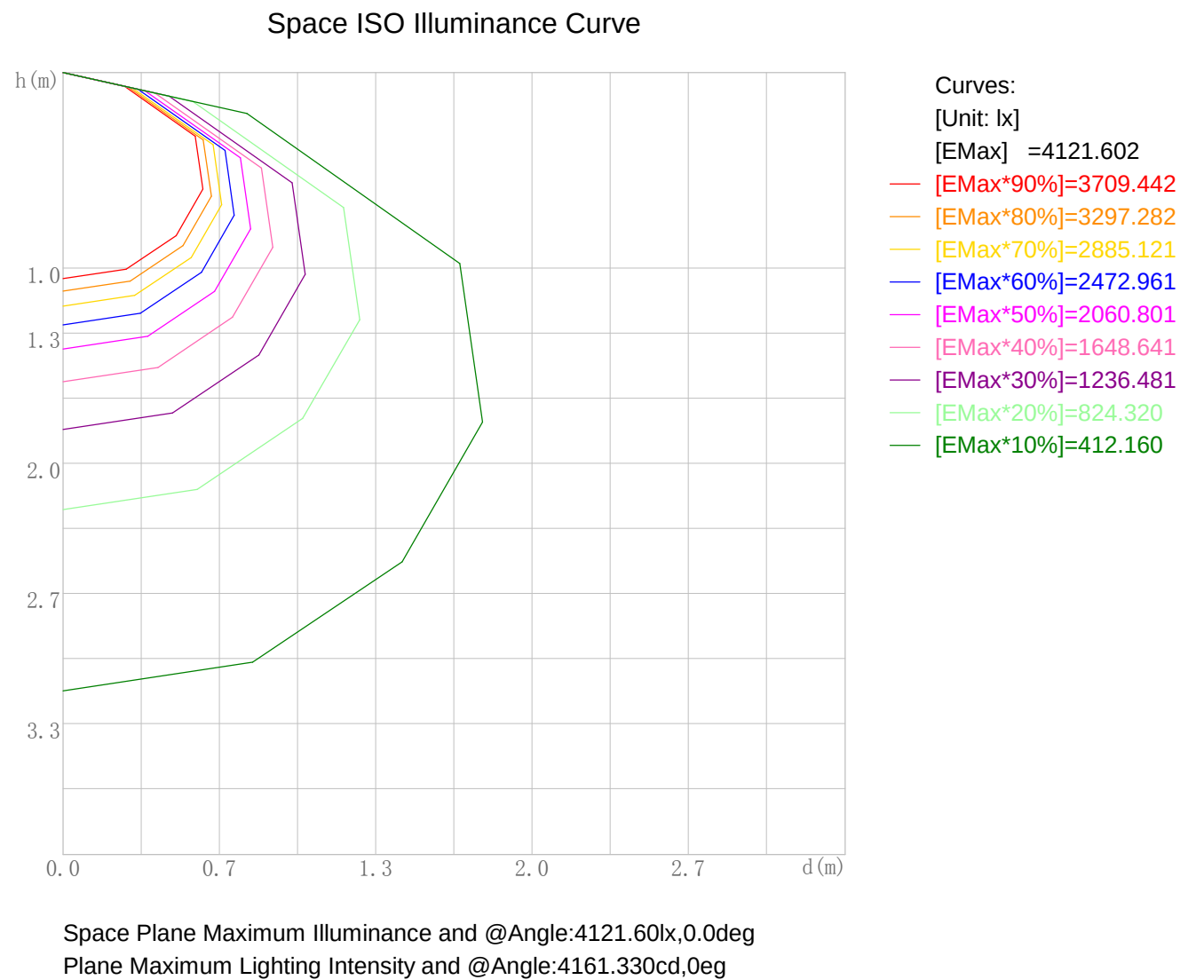
Lum. Name:ASL15-10W	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/04/16

3D Plane Illuminance Modal



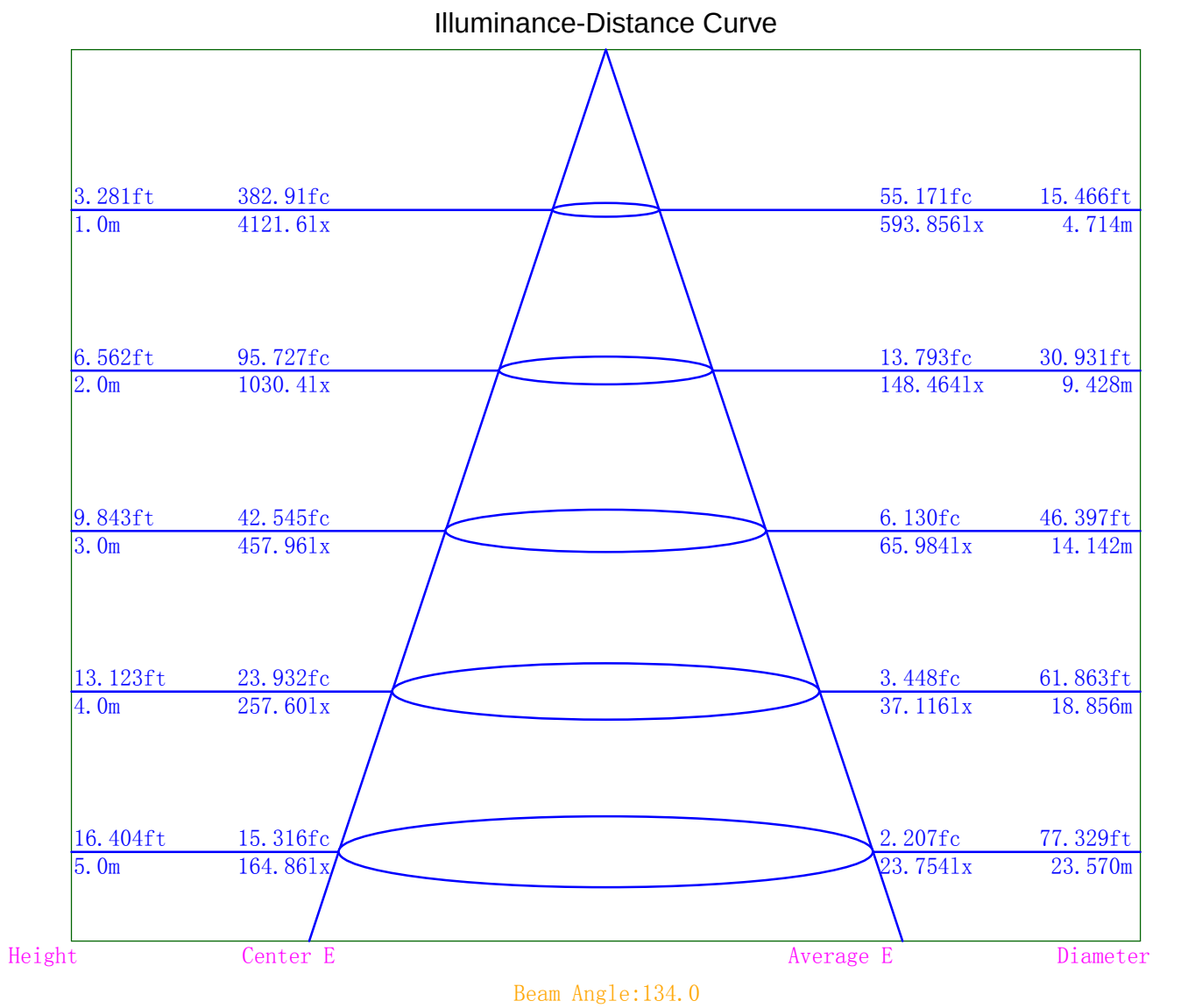
Space ISO Illuminance Diagram

Lum. Name:ASL15-10W	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/04/16



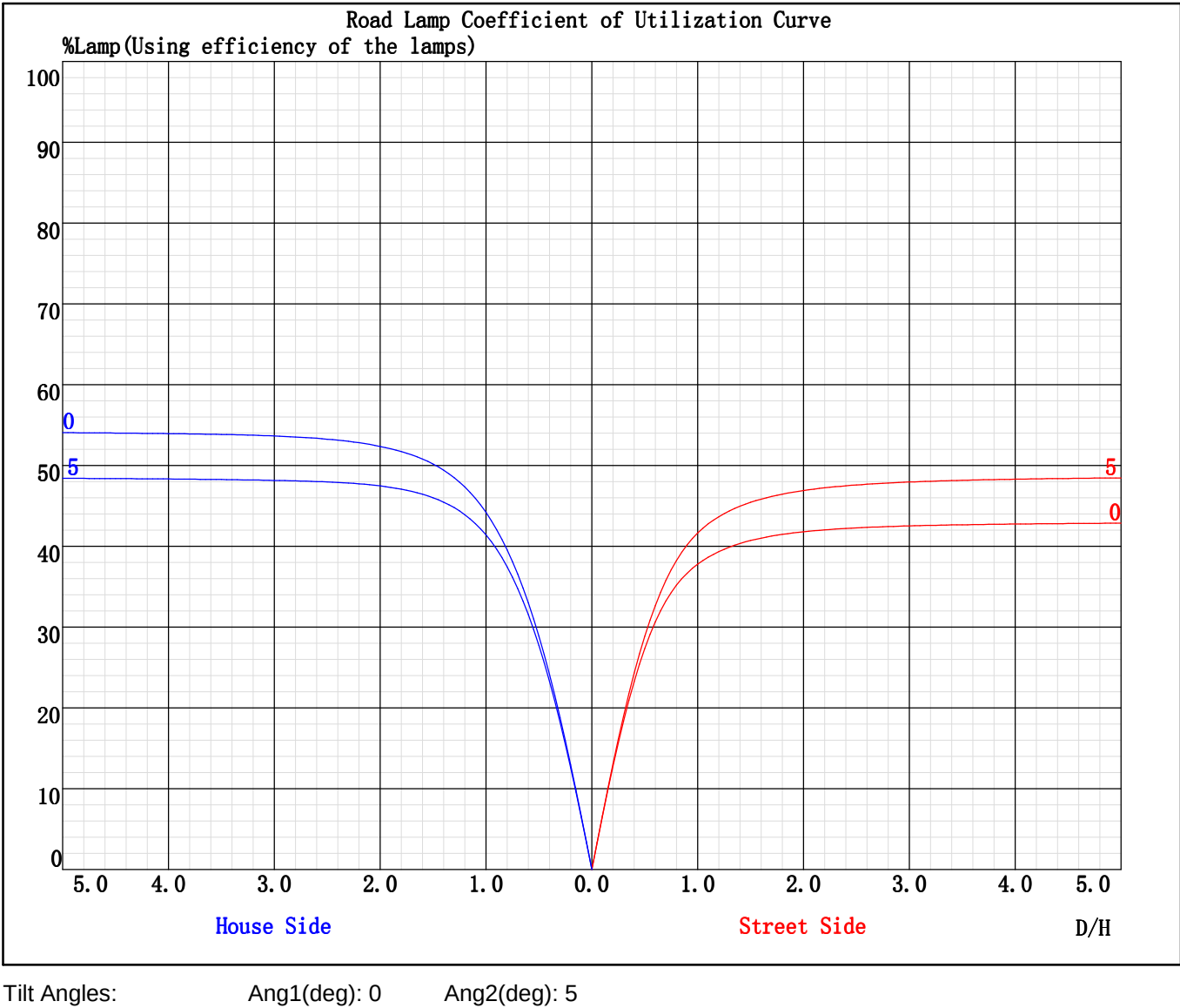
Illuminance-Distance Diagram

Lum. Name:ASL15-10W	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/04/16



Road Coefficient of Utilization Curves

Lum. Name:ASL15-10W	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2021/04/16



IES Road Report

Photometric Filename:ASL15-100W.IES

Candela Tabulation

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
Y 0.0	4121.60	4121.60	4121.60	4121.60	4121.60	4121.60	4121.60	4121.60	4121.60	4121.60	4121.60	4121.60
Y 15.0	4161.33	4043.34	3878.16	3839.16	3918.73	4016.82	4122.80	3972.55	3852.85	3814.18	3867.79	3954.56
Y 30.0	3973.33	3451.07	2714.30	2618.20	3121.99	3732.96	4092.44	3633.01	3280.17	3257.70	3461.90	3839.16
Y 45.0	3724.78	2176.61	843.73	798.47	1674.97	3324.39	4221.47	2994.31	2415.83	2450.52	2900.15	3856.79
Y 60.0	3141.52	822.65	584.39	530.93	499.67	2221.05	3512.55	1433.27	818.39	883.66	1780.75	3670.50
Y 75.0	1047.82	194.07	209.94	157.83	119.52	228.32	343.31	62.19	56.47	71.49	137.07	1279.46
Y 90.0	23.87	20.39	14.68	13.05	16.24	19.34	19.69	15.43	13.10	13.97	14.74	21.44
Y 105.0	25.96	23.06	19.43	18.57	22.66	27.50	26.45	18.95	14.94	15.21	18.32	24.76
Y 120.0	33.21	32.01	27.98	26.83	30.28	34.46	33.08	25.47	20.36	20.70	25.97	32.51
Y 135.0	39.69	40.17	36.76	35.13	37.61	41.95	39.53	32.62	29.23	29.73	35.03	40.17
Y 150.0	47.93	48.41	45.49	44.66	46.31	49.46	45.86	39.98	38.04	39.22	43.55	47.71
Y 165.0	51.36	53.12	52.56	52.19	52.07	52.70	49.62	46.78	46.17	47.06	49.99	52.06
Y 180.0	52.84	52.84	52.84	52.84	52.84	52.84	52.84	52.84	52.84	52.84	52.84	52.84