

Photometric Results

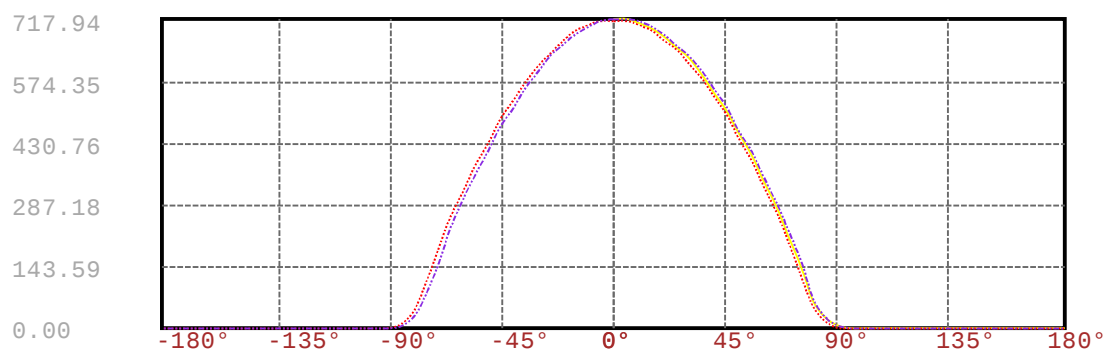
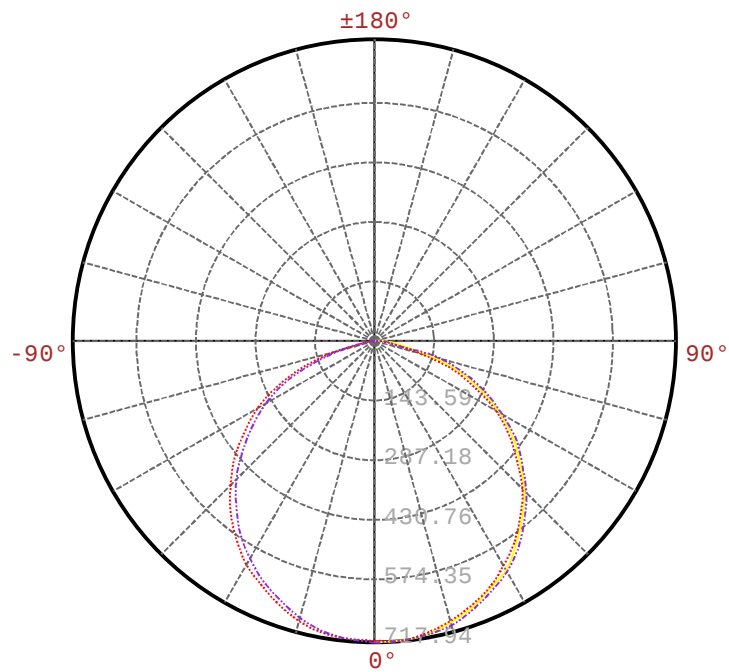
4326-ES

Luminaire name: 4326-ES	Lumcat: 4326-ES 120V
Report No: 20131221-4	Voltage(V): 120.000
Test No: 20131221-4	Current(A): 0.201
Lamp:	Power(W): 23.800
Sum Lumens(lm): -1.0	PF:0.989
Amount:1	Ballast type:
Diameter(mm): 0	Width(mm): 235
Length(mm): 235	Height(mm): 0
Phm Type:C	

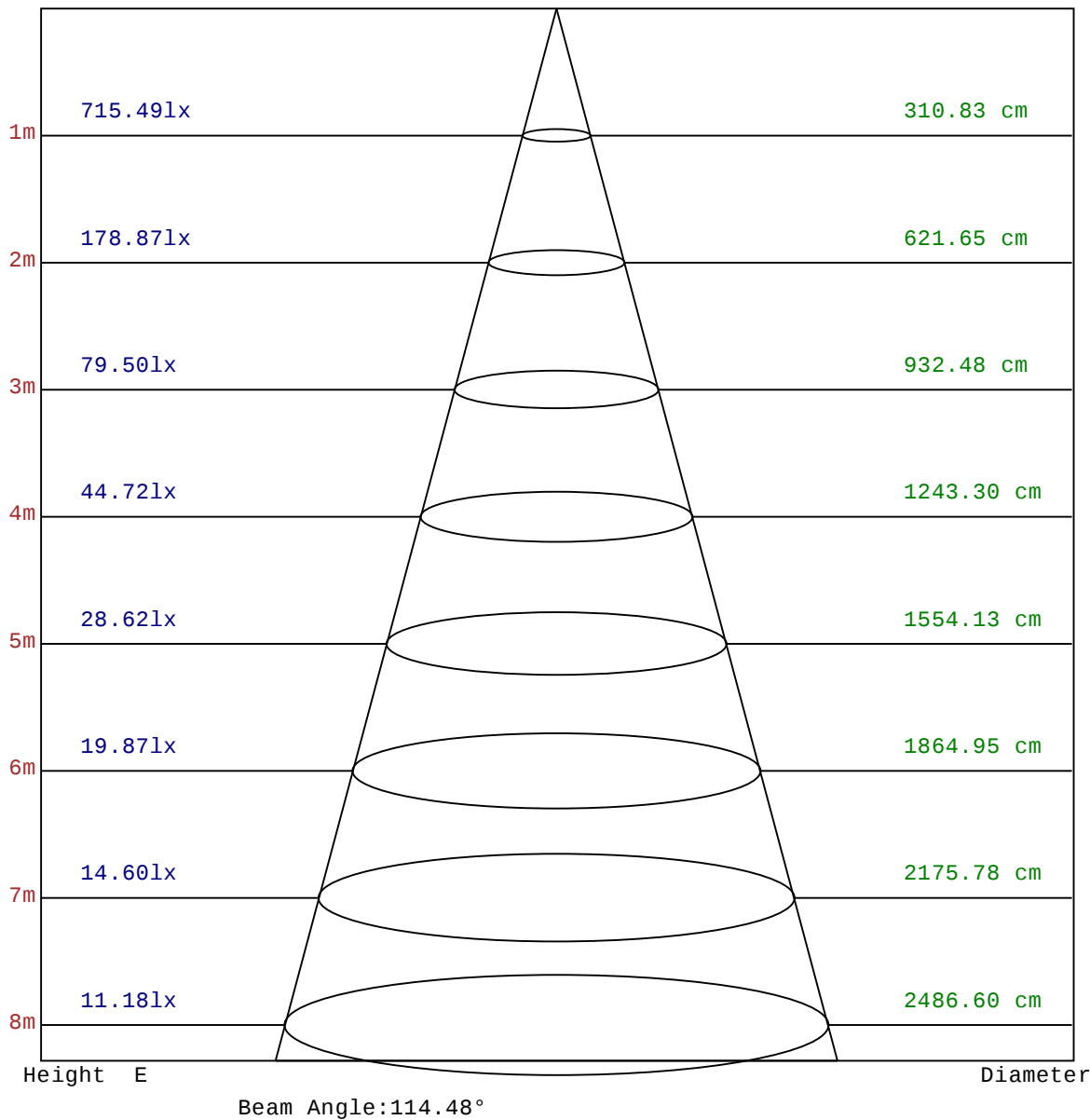
Photometric Results

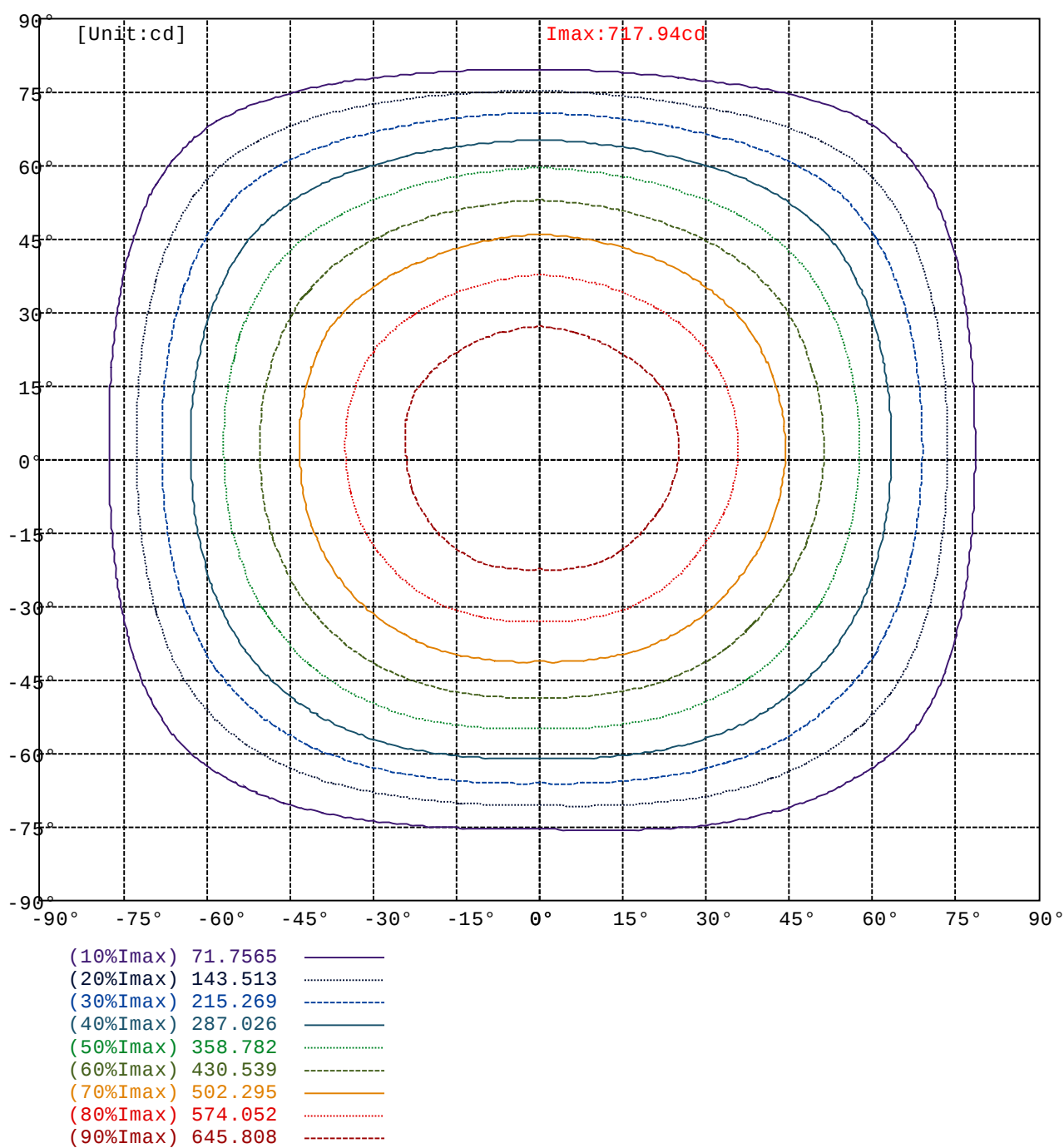
Lumens(lm): 2041.33
Efficiency(%): 0.00% Directional
Lumens(lm)/Power(W): 85.77
Central intensity(cd): 715.494
Maximum intensity(cd): 717.941
Angle of maximum intensity: C=30.0 y=0.0
Half peak side angle(50%Imax): [V]Left=54.9 Right=59.6
[H]Left=56.8 Right=57.6
Beam angle(10%Imax): [V]Left=75.3 Right=79.7
[H]Left=77.4 Right=78.4

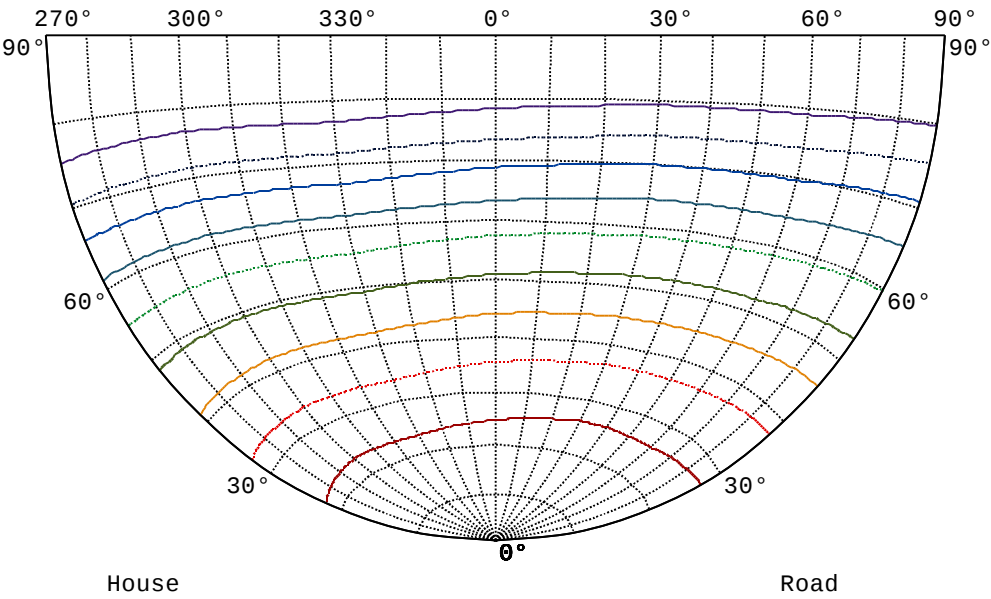
$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)	Eff Flux(lm)	Eff Sum(lm)
0.0	716.859	.000	.000	.000%	.000%
5.0	714.051	17.106	17.106	.000%	.000%
10.0	705.565	50.784	67.890	.000%	.000%
15.0	690.976	82.842	150.732	.000%	.000%
20.0	670.097	112.172	262.904	.000%	.000%
25.0	644.622	137.890	400.794	.000%	.000%
30.0	614.661	159.363	560.157	.000%	.000%
35.0	576.527	175.411	735.568	.000%	.000%
40.0	535.021	185.453	921.021	.000%	.000%
45.0	490.173	189.823	1110.844	.000%	.000%
50.0	437.858	187.522	1298.366	.000%	.000%
55.0	384.085	178.718	1477.084	.000%	.000%
60.0	327.158	164.402	1641.486	.000%	.000%
65.0	261.761	143.167	1784.653	.000%	.000%
70.0	190.701	114.566	1899.220	.000%	.000%
75.0	111.704	79.044	1978.264	.000%	.000%
80.0	46.699	42.384	2020.648	.000%	.000%
85.0	12.063	15.967	2036.615	.000%	.000%
90.0	1.412	3.689	2040.304	.000%	.000%
95.0	.047	.399	2040.703	.000%	.000%
100.0	.031	.021	2040.725	.000%	.000%
105.0	.047	.021	2040.746	.000%	.000%
110.0	.047	.025	2040.771	.000%	.000%
115.0	.110	.040	2040.810	.000%	.000%
120.0	.063	.042	2040.852	.000%	.000%
125.0	.173	.054	2040.907	.000%	.000%
130.0	.141	.068	2040.975	.000%	.000%
135.0	.173	.063	2041.038	.000%	.000%
140.0	.141	.058	2041.096	.000%	.000%
145.0	.125	.044	2041.141	.000%	.000%
150.0	.188	.046	2041.187	.000%	.000%
155.0	.157	.044	2041.231	.000%	.000%
160.0	.173	.035	2041.265	.000%	.000%
165.0	.188	.030	2041.295	.000%	.000%
170.0	.157	.020	2041.315	.000%	.000%
175.0	.157	.011	2041.327	.000%	.000%
180.0	.220	.005	2041.331	.000%	.000%



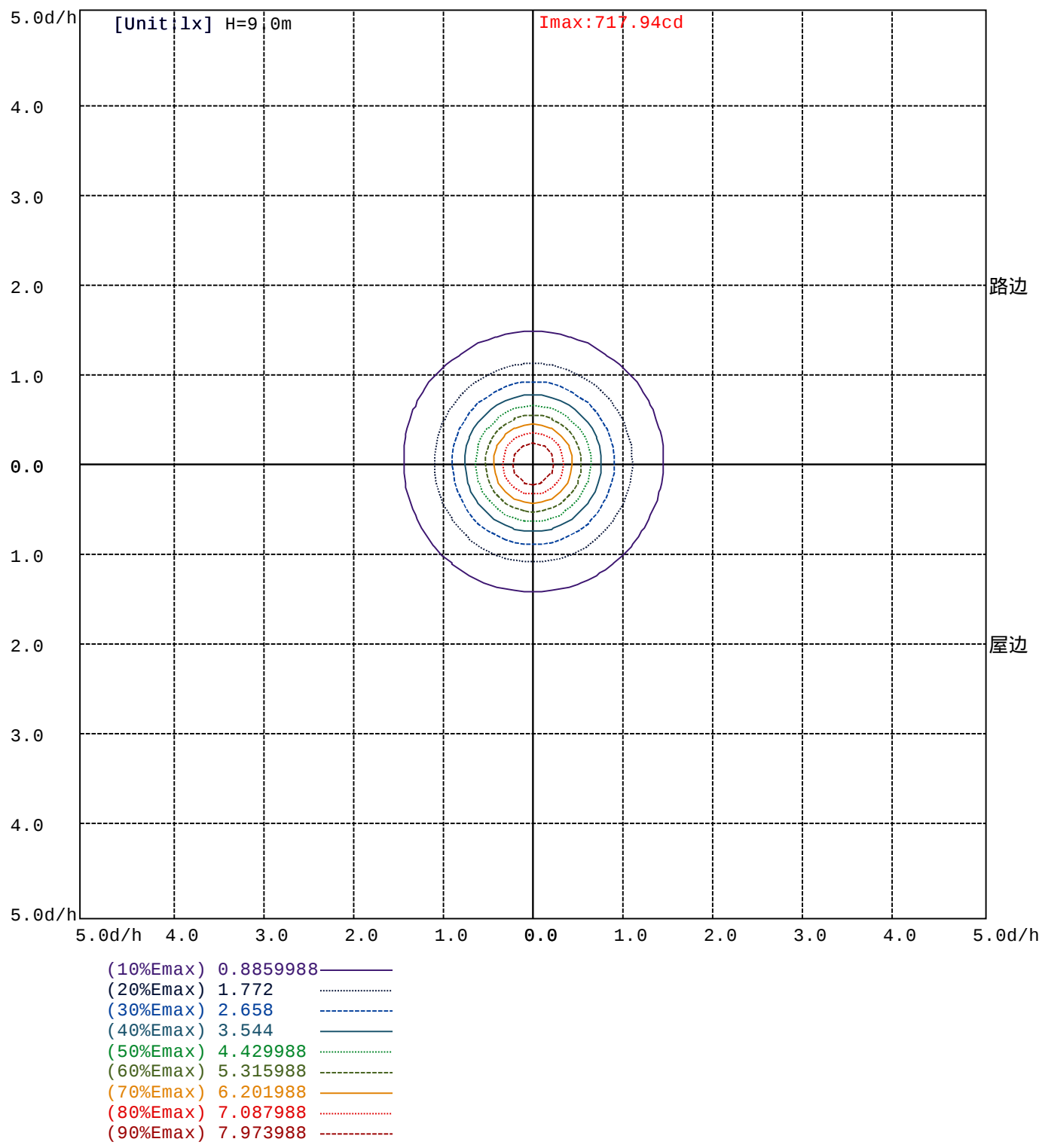
C30(Max): —————
C0/C180:
C90/C270: - - - - -

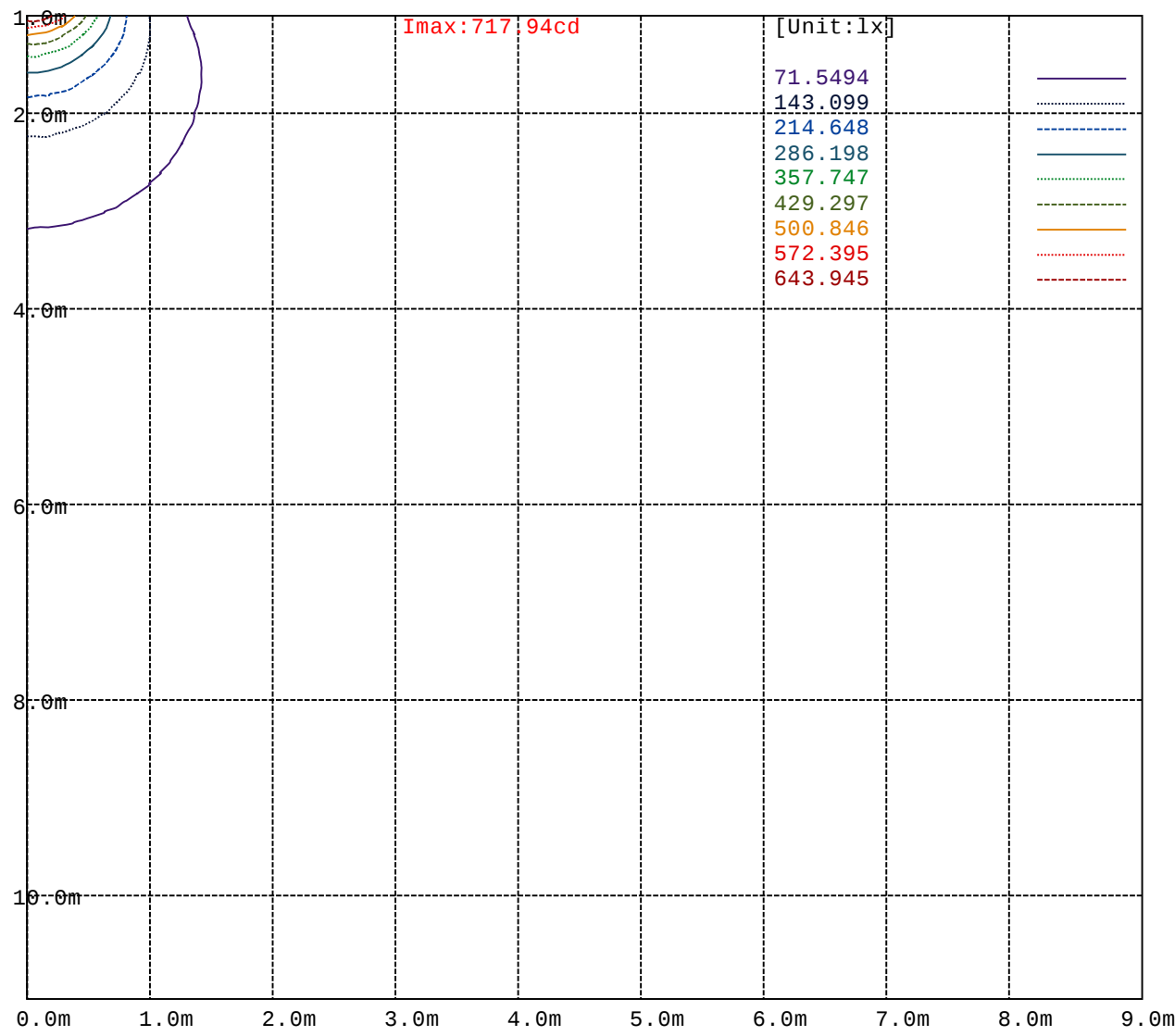






Imax:717.94cd		
(10%Imax)	71.7941	—————
(20%Imax)	143.588	
(30%Imax)	215.382	-----
(40%Imax)	287.176	—————
(50%Imax)	358.971	
(60%Imax)	430.765	-----
(70%Imax)	502.559	—————
(80%Imax)	574.353	
(90%Imax)	646.147	-----



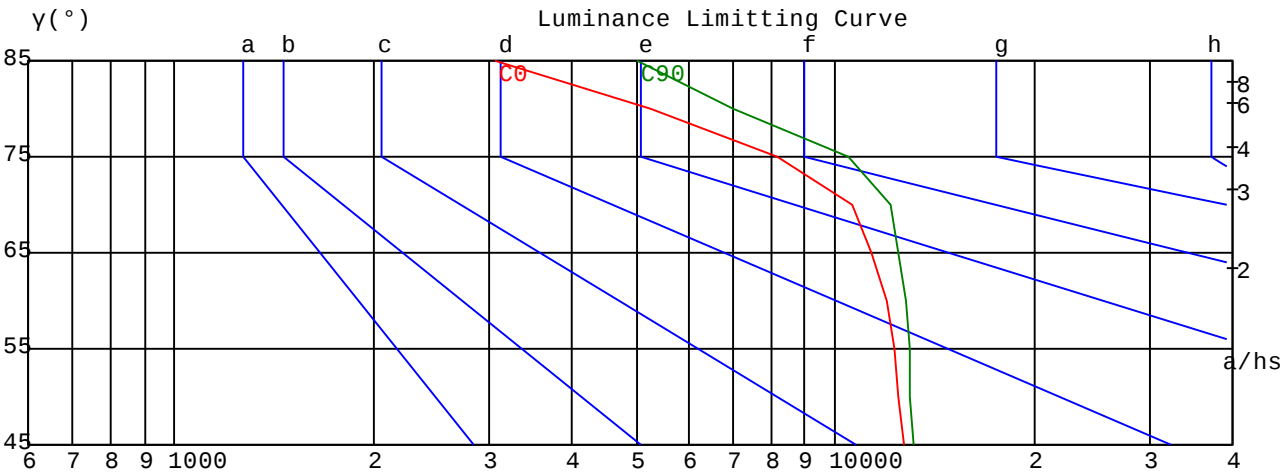


Luminance Table

y	45	50	55	60	65	70	75	80	85
C0	12702	12467	12266	11991	11372	10614	8165	5261	3051
C90	13121	12981	12967	12837	12461	12119	10470	6988	5006

Glare Table

Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



4326-ES 120V

Intensity data(cd)

Page: 10 Total:10

C/γ(°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0
360.0	715.49	714.36	705.52	691.02	670.69	645.85	616.86	579.77	537.99	496.01
330.0	716.06	712.48	701.94	685.00	663.54	637.56	605.00	564.15	523.30	477.18
300.0	716.44	711.35	702.13	685.56	664.11	637.94	605.37	564.34	522.36	476.62
270.0	717.56	711.35	701.00	683.68	658.08	631.35	598.41	557.00	513.14	467.96
240.0	717.38	712.29	703.64	685.00	663.54	637.38	604.81	566.03	522.36	479.07
210.0	717.94	713.42	702.88	688.01	663.92	637.19	605.56	567.54	523.49	479.82
180.0	715.49	713.61	704.01	690.65	666.93	639.82	610.65	572.81	530.27	484.34
150.0	716.62	715.12	707.21	694.98	677.66	652.81	622.13	586.17	546.83	503.16
120.0	716.44	715.49	707.96	696.48	678.03	653.75	625.70	587.87	548.34	500.71
90.0	717.56	716.06	711.35	699.31	681.61	657.52	631.73	595.59	556.62	512.38
60.0	717.38	715.68	709.66	696.67	676.72	651.87	622.50	588.81	548.34	502.78
30.0	717.94	717.38	709.47	695.35	676.34	652.43	627.21	588.25	547.21	502.03
0.0	715.49	714.36	705.52	691.02	670.69	645.85	616.86	579.77	537.99	496.01

C/γ(°)	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0	90.0	95.0
360.0	442.55	388.52	331.11	265.42	200.47	116.71	50.45	14.68	1.32	0.00
330.0	422.22	366.50	311.16	242.26	170.73	90.92	31.06	3.76	0.38	0.19
300.0	422.60	366.31	311.35	242.64	168.85	90.35	35.39	3.20	0.19	0.19
270.0	413.56	357.28	301.37	231.53	150.78	74.92	28.24	2.82	0.00	0.19
240.0	424.48	369.14	313.23	243.58	157.37	81.51	30.87	3.39	0.19	0.00
210.0	425.42	370.27	311.16	247.53	165.84	86.40	36.52	3.20	0.19	0.00
180.0	433.70	379.68	320.95	258.26	185.41	102.03	40.09	8.66	0.56	0.00
150.0	450.08	400.01	342.78	279.72	215.34	134.40	57.41	18.07	2.45	0.00
120.0	454.60	400.38	343.16	280.10	217.42	144.57	64.75	22.59	2.64	0.00
90.0	460.81	410.74	354.45	290.83	228.90	149.65	67.01	24.09	3.58	0.00
60.0	451.40	400.38	342.97	278.22	212.33	132.33	57.04	17.32	2.82	0.00
30.0	452.90	399.82	342.22	281.04	214.97	136.66	61.55	22.97	2.64	0.00
0.0	442.55	388.52	331.11	265.42	200.47	116.71	50.45	14.68	1.32	0.00

C/γ(°)	100.0	105.0	110.0	115.0	120.0	125.0	130.0	135.0	140.0	145.0
360.0	0.00	0.00	0.00	0.00	0.00	0.38	0.19	0.19	0.19	0.00
330.0	0.00	0.00	0.00	0.19	0.00	0.19	0.38	0.00	0.19	0.19
300.0	0.00	0.00	0.00	0.19	0.19	0.19	0.00	0.19	0.19	0.00
270.0	0.00	0.00	0.19	0.19	0.00	0.19	0.00	0.19	0.19	0.19
240.0	0.00	0.00	0.19	0.00	0.19	0.00	0.19	0.19	0.19	0.19
210.0	0.19	0.00	0.19	0.19	0.00	0.00	0.19	0.19	0.19	0.19
180.0	0.00	0.19	0.00	0.19	0.00	0.19	0.00	0.19	0.19	0.19
150.0	0.00	0.19	0.00	0.19	0.19	0.19	0.19	0.19	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.19	0.19	0.19	0.19	0.19
90.0	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.19	0.00	0.00
60.0	0.19	0.00	0.00	0.19	0.00	0.19	0.19	0.19	0.00	0.19
30.0	0.00	0.19	0.00	0.00	0.19	0.19	0.19	0.19	0.19	0.19
0.0	0.00	0.00	0.00	0.00	0.00	0.38	0.19	0.19	0.19	0.00

C/γ(°)	150.0	155.0	160.0	165.0	170.0	175.0	180.0
360.0	0.38	0.19	0.19	0.19	0.19	0.00	0.19
330.0	0.19	0.19	0.19	0.19	0.19	0.19	0.19
300.0	0.19	0.19	0.19	0.19	0.19	0.19	0.19
270.0	0.19	0.00	0.19	0.19	0.19	0.19	0.19
240.0	0.19	0.00	0.19	0.19	0.00	0.19	0.19
210.0	0.19	0.19	0.00	0.00	0.19	0.19	0.38
180.0	0.19	0.19	0.19	0.38	0.19	0.19	0.19
150.0	0.00	0.19	0.19	0.19	0.19	0.00	0.19
120.0	0.19	0.19	0.19	0.19	0.19	0.19	0.19
90.0	0.19	0.19	0.19	0.19	0.19	0.19	0.19
60.0	0.00	0.19	0.19	0.19	0.19	0.19	0.19
30.0	0.38	0.19	0.19	0.19	0.00	0.19	0.38
0.0	0.38	0.19	0.19	0.19	0.19	0.00	0.19