

# IES Road Report

Photometric Filename:300W-120V\_IESNA2002.IES

## Road Luminaire Photometric Data

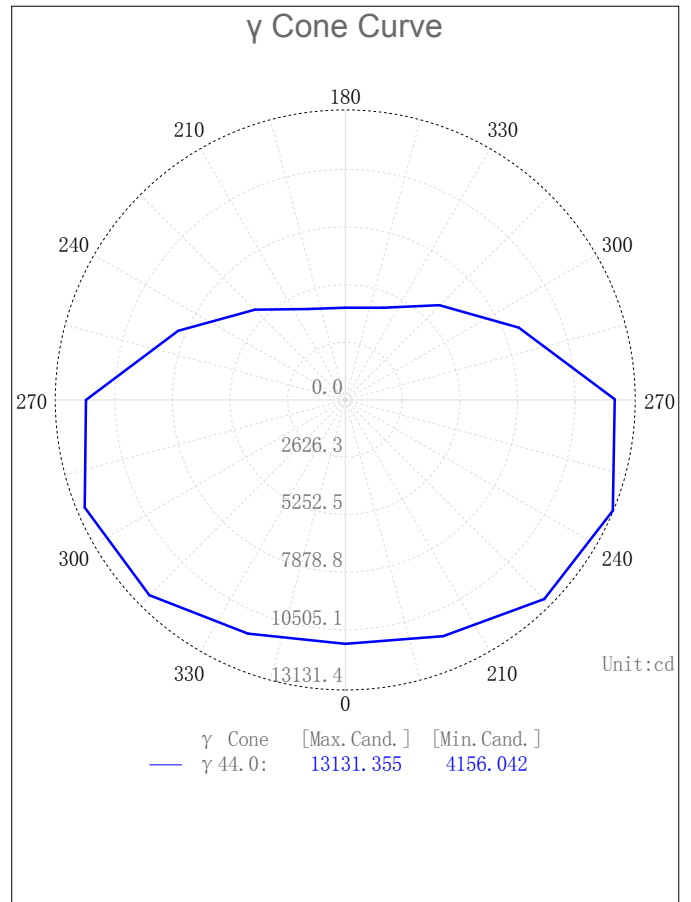
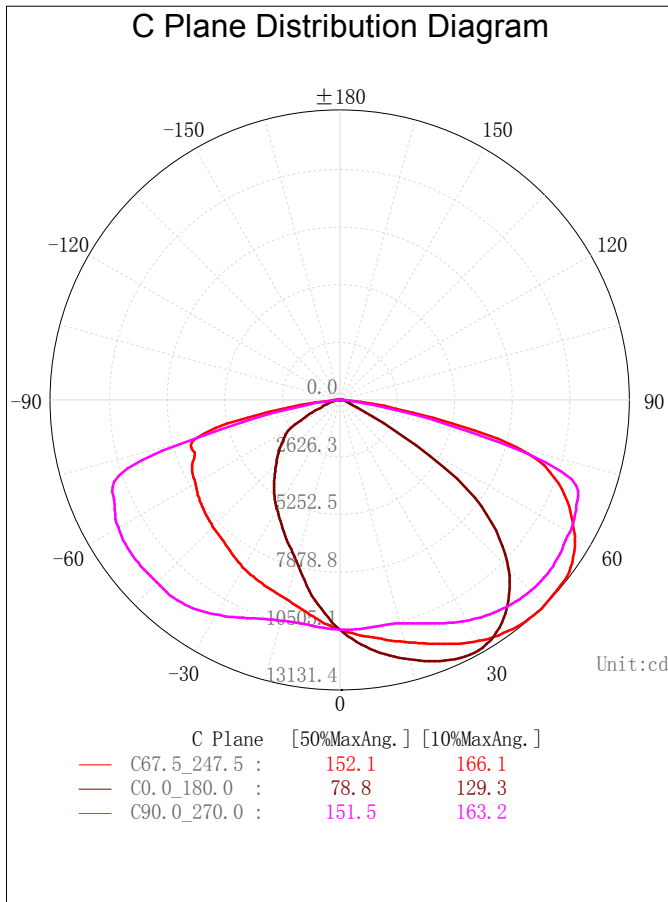
### Description Information

Luminary Name:	Lum. Catalog:	Test ID: 2017-04-22
Lamp Name: 300W	Lamp Catalog:	Test Date: 2017-04-22 09:37:47
Manufacture: xinfang	Shld. Ang(°):	Test Machine:GON-2000
Test Lab: EVERFINE	Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size(W*L*H):0.000m*0.000m*0.000m	Lum. Area(m2):0.000	Lum. W(kg):
Test System: C, $\gamma$	Test Step: C=22.5 $\gamma$ =1.0	Temp.(°C):
		Humidity(%):

### Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 39425.197	Luminary Flux(lm): 39425.197	Down Lumens&Percent: 39331.970lm 99.76%
Rated Power(W):	Luminary Efficiency: 100.00%	Up Lumens&Percent: 93.226lm 0.24%
Rated Voltage(V):	Luminary EER(lm/W): 128.254	76° Flash Area(m2):
Tested Power(W): 307.400	Max. Candela(cd): 13131.355	SLI: 0.000
Lamps' Inside: 1	Max Cand@Ang.(°): C=67.5 $\gamma$ =44.0	IES Classification: Type IV
Tested Electrics(V, A, pf):	Half Peak Angle(°): L=-75.4, R=76.7	Longitudinal Classfct: Very Short
Lamp Size(W*L*H):0.000m*0.000m*0.000m	Field Angle(10%Imax): 166.1(°)	Cutoff Classification: Cutoff

### Lighting Distribution Diagram



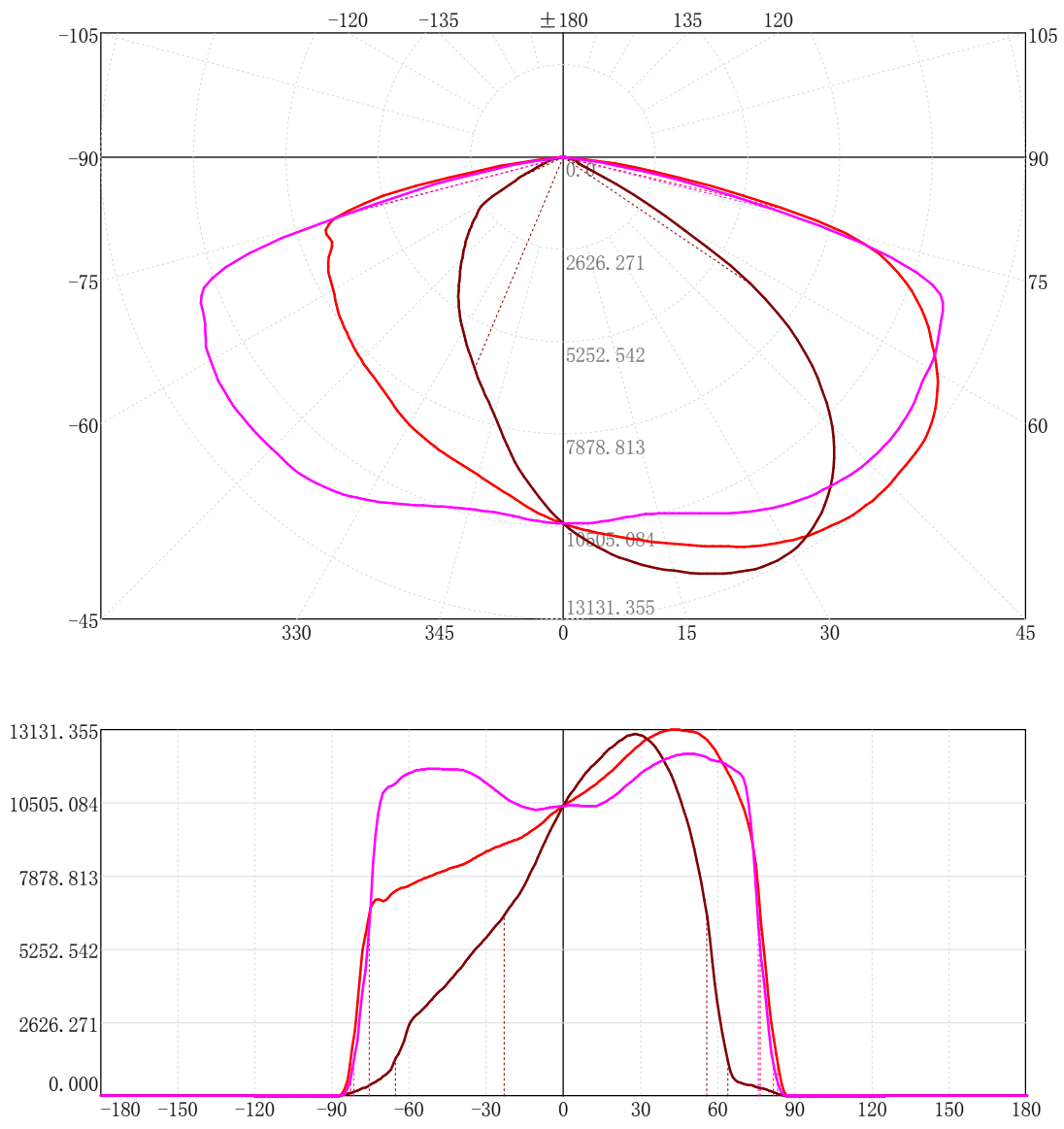
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## 2D Plane Light Intensity Distribution Curve

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-22
Lamp Name: 300W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-22 09:37:47

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
C67.5_247.5 :	152.1	166.1
C0.0_180.0 :	78.8	129.3
C90.0_270.0 :	151.5	163.2

# IES Road Report

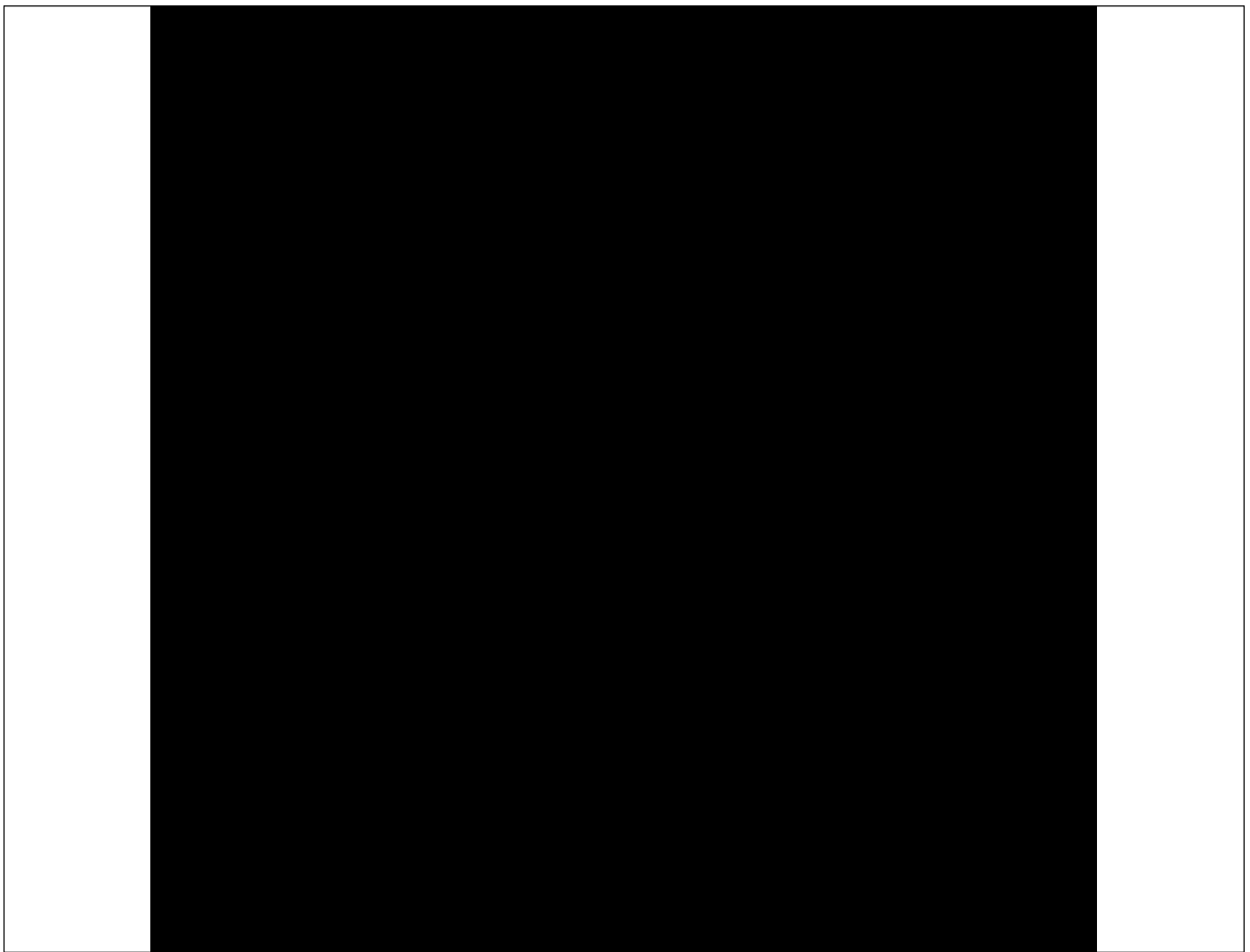
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## 3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-22
Lamp Name: 300W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-22 09:37:47

## 3D Light Intensity Distribution Modal



Curves: 3D Model — Fixture — Vert. HUD — Hori. HUD —  
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

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## Zonal Flux Tabulation

Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	9.95	9.95	0.03	0.03	45.0-46.0	727.51	727.51	1.85	1.85
1.0-2.0	29.84	39.79	0.08	0.10	46.0-47.0	733.23	1460.74	1.86	3.71
2.0-3.0	49.67	89.46	0.13	0.23	47.0-48.0	738.12	2198.86	1.87	5.58
3.0-4.0	69.44	158.90	0.18	0.40	48.0-49.0	742.10	2940.96	1.88	7.46
4.0-5.0	89.11	248.00	0.23	0.63	49.0-50.0	745.01	3685.97	1.89	9.35
5.0-6.0	108.66	356.67	0.28	0.90	50.0-51.0	746.77	4432.73	1.89	11.24
6.0-7.0	128.08	484.75	0.32	1.23	51.0-52.0	747.33	5180.06	1.90	13.14
7.0-8.0	147.35	632.10	0.37	1.60	52.0-53.0	746.71	5926.77	1.89	15.03
8.0-9.0	166.50	798.60	0.42	2.03	53.0-54.0	744.78	6671.55	1.89	16.92
9.0-10.0	185.51	984.11	0.47	2.50	54.0-55.0	741.46	7413.01	1.88	18.80
10.0-11.0	204.38	1188.49	0.52	3.01	55.0-56.0	736.50	8149.51	1.87	20.67
11.0-12.0	223.10	1411.59	0.57	3.58	56.0-57.0	729.52	8879.03	1.85	22.52
12.0-13.0	241.71	1653.29	0.61	4.19	57.0-58.0	720.37	9599.40	1.83	24.35
13.0-14.0	260.21	1913.50	0.66	4.85	58.0-59.0	709.27	10308.67	1.80	26.15
14.0-15.0	278.62	2192.12	0.71	5.56	59.0-60.0	696.71	11005.38	1.77	27.91
15.0-16.0	296.94	2489.07	0.75	6.31	60.0-61.0	682.66	11688.03	1.73	29.65
16.0-17.0	315.24	2804.30	0.80	7.11	61.0-62.0	667.03	12355.06	1.69	31.34
17.0-18.0	333.47	3137.78	0.85	7.96	62.0-63.0	650.09	13005.15	1.65	32.99
18.0-19.0	351.65	3489.43	0.89	8.85	63.0-64.0	632.35	13637.50	1.60	34.59
19.0-20.0	369.82	3859.25	0.94	9.79	64.0-65.0	613.81	14251.31	1.56	36.15
20.0-21.0	387.95	4247.20	0.98	10.77	65.0-66.0	594.65	14845.95	1.51	37.66
21.0-22.0	405.99	4653.19	1.03	11.80	66.0-67.0	576.59	15422.55	1.46	39.12
22.0-23.0	423.91	5077.10	1.08	12.88	67.0-68.0	560.01	15982.55	1.42	40.54
23.0-24.0	441.68	5518.77	1.12	14.00	68.0-69.0	543.39	16525.95	1.38	41.92
24.0-25.0	459.28	5978.06	1.16	15.16	69.0-70.0	525.91	17051.86	1.33	43.25
25.0-26.0	476.61	6454.67	1.21	16.37	70.0-71.0	506.74	17558.60	1.29	44.54
26.0-27.0	493.62	6948.29	1.25	17.62	71.0-72.0	485.60	18044.20	1.23	45.77
27.0-28.0	510.41	7458.69	1.29	18.92	72.0-73.0	461.78	18505.98	1.17	46.94
28.0-29.0	526.90	7985.59	1.34	20.26	73.0-74.0	434.62	18940.60	1.10	48.04
29.0-30.0	543.03	8528.62	1.38	21.63	74.0-75.0	402.23	19342.83	1.02	49.06
30.0-31.0	558.85	9087.47	1.42	23.05	75.0-76.0	361.96	19704.79	0.92	49.98
31.0-32.0	574.18	9661.66	1.46	24.51	76.0-77.0	315.37	20020.16	0.80	50.78
32.0-33.0	588.96	10250.61	1.49	26.00	77.0-78.0	268.03	20288.19	0.68	51.46
33.0-34.0	603.26	10853.88	1.53	27.53	78.0-79.0	221.72	20509.90	0.56	52.02
34.0-35.0	617.10	11470.97	1.57	29.10	79.0-80.0	173.30	20683.20	0.44	52.46
35.0-36.0	630.39	12101.36	1.60	30.69	80.0-81.0	129.22	20812.43	0.33	52.79
36.0-37.0	643.09	12744.45	1.63	32.33	81.0-82.0	95.51	20907.94	0.24	53.03
37.0-38.0	655.11	13399.56	1.66	33.99	82.0-83.0	68.16	20976.10	0.17	53.20
38.0-39.0	666.40	14065.96	1.69	35.68	83.0-84.0	44.43	21020.53	0.11	53.32
39.0-40.0	677.03	14742.99	1.72	37.39	84.0-85.0	25.01	21045.54	0.06	53.38
40.0-41.0	687.08	15430.06	1.74	39.14	85.0-86.0	11.67	21057.21	0.03	53.41
41.0-42.0	696.57	16126.64	1.77	40.90	86.0-87.0	4.52	21061.73	0.01	53.42
42.0-43.0	705.38	16832.02	1.79	42.69	87.0-88.0	1.83	21063.56	0.00	53.43
43.0-44.0	713.46	17545.48	1.81	44.50	88.0-89.0	1.15	21064.72	0.00	53.43
44.0-45.0	720.90	18266.39	1.83	46.33	89.0-90.0	0.87	21065.58	0.00	53.43

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## Zonal Flux Tabulation - (Cont.)

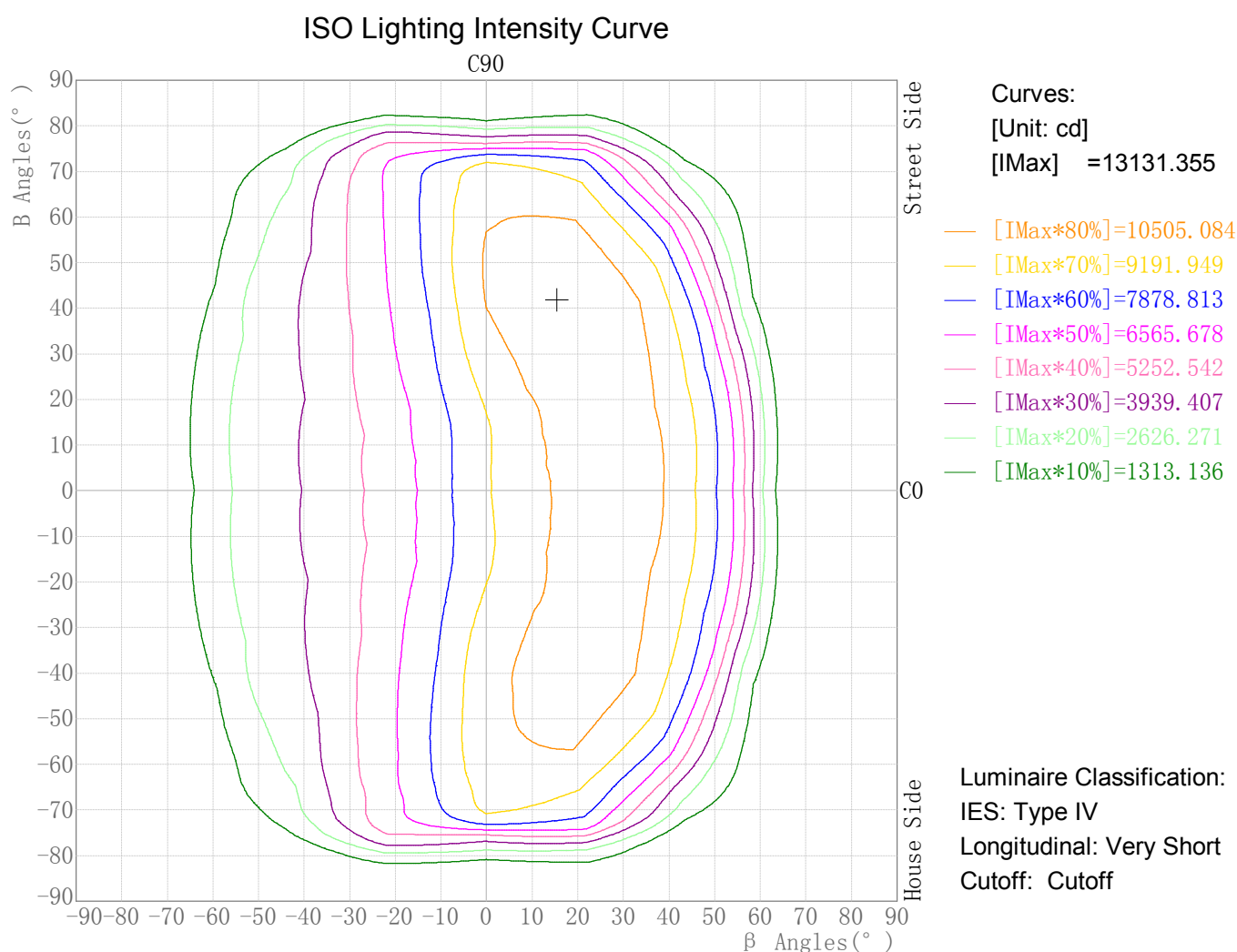
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
90.0-91.0	0.78	0.78	0.00	0.00	135.0-136.0	1.42	1.42	0.00	0.00
91.0-92.0	0.76	1.55	0.00	0.00	136.0-137.0	1.40	2.83	0.00	0.01
92.0-93.0	0.76	2.31	0.00	0.01	137.0-138.0	1.38	4.20	0.00	0.01
93.0-94.0	0.77	3.08	0.00	0.01	138.0-139.0	1.35	5.55	0.00	0.01
94.0-95.0	0.79	3.86	0.00	0.01	139.0-140.0	1.32	6.87	0.00	0.02
95.0-96.0	0.81	4.68	0.00	0.01	140.0-141.0	1.30	8.17	0.00	0.02
96.0-97.0	0.84	5.52	0.00	0.01	141.0-142.0	1.27	9.43	0.00	0.02
97.0-98.0	0.87	6.39	0.00	0.02	142.0-143.0	1.23	10.66	0.00	0.03
98.0-99.0	0.90	7.29	0.00	0.02	143.0-144.0	1.18	11.84	0.00	0.03
99.0-100.0	0.94	8.22	0.00	0.02	144.0-145.0	1.13	12.97	0.00	0.03
100.0-101.0	0.98	9.20	0.00	0.02	145.0-146.0	1.11	14.09	0.00	0.04
101.0-102.0	1.02	10.23	0.00	0.03	146.0-147.0	1.10	15.19	0.00	0.04
102.0-103.0	1.06	11.29	0.00	0.03	147.0-148.0	1.09	16.28	0.00	0.04
103.0-104.0	1.12	12.41	0.00	0.03	148.0-149.0	1.08	17.36	0.00	0.04
104.0-105.0	1.17	13.58	0.00	0.03	149.0-150.0	1.06	18.41	0.00	0.05
105.0-106.0	1.23	14.80	0.00	0.04	150.0-151.0	1.03	19.44	0.00	0.05
106.0-107.0	1.28	16.08	0.00	0.04	151.0-152.0	0.99	20.43	0.00	0.05
107.0-108.0	1.33	17.41	0.00	0.04	152.0-153.0	0.96	21.39	0.00	0.05
108.0-109.0	1.37	18.79	0.00	0.05	153.0-154.0	0.92	22.31	0.00	0.06
109.0-110.0	1.42	20.20	0.00	0.05	154.0-155.0	0.88	23.19	0.00	0.06
110.0-111.0	1.46	21.66	0.00	0.05	155.0-156.0	0.84	24.03	0.00	0.06
111.0-112.0	1.49	23.14	0.00	0.06	156.0-157.0	0.80	24.83	0.00	0.06
112.0-113.0	1.51	24.65	0.00	0.06	157.0-158.0	0.77	25.61	0.00	0.06
113.0-114.0	1.52	26.17	0.00	0.07	158.0-159.0	0.74	26.34	0.00	0.07
114.0-115.0	1.53	27.70	0.00	0.07	159.0-160.0	0.70	27.05	0.00	0.07
115.0-116.0	1.52	29.22	0.00	0.07	160.0-161.0	0.67	27.72	0.00	0.07
116.0-117.0	1.51	30.73	0.00	0.08	161.0-162.0	0.64	28.35	0.00	0.07
117.0-118.0	1.51	32.23	0.00	0.08	162.0-163.0	0.60	28.96	0.00	0.07
118.0-119.0	1.52	33.75	0.00	0.09	163.0-164.0	0.57	29.53	0.00	0.07
119.0-120.0	1.55	35.30	0.00	0.09	164.0-165.0	0.54	30.07	0.00	0.08
120.0-121.0	1.58	36.88	0.00	0.09	165.0-166.0	0.51	30.57	0.00	0.08
121.0-122.0	1.60	38.47	0.00	0.10	166.0-167.0	0.48	31.06	0.00	0.08
122.0-123.0	1.61	40.08	0.00	0.10	167.0-168.0	0.47	31.52	0.00	0.08
123.0-124.0	1.61	41.69	0.00	0.11	168.0-169.0	0.46	31.98	0.00	0.08
124.0-125.0	1.61	43.30	0.00	0.11	169.0-170.0	0.44	32.42	0.00	0.08
125.0-126.0	1.60	44.90	0.00	0.11	170.0-171.0	0.41	32.82	0.00	0.08
126.0-127.0	1.60	46.49	0.00	0.12	171.0-172.0	0.37	33.19	0.00	0.08
127.0-128.0	1.59	48.08	0.00	0.12	172.0-173.0	0.33	33.52	0.00	0.09
128.0-129.0	1.57	49.65	0.00	0.13	173.0-174.0	0.29	33.81	0.00	0.09
129.0-130.0	1.55	51.20	0.00	0.13	174.0-175.0	0.24	34.05	0.00	0.09
130.0-131.0	1.53	52.73	0.00	0.13	175.0-176.0	0.20	34.25	0.00	0.09
131.0-132.0	1.50	54.23	0.00	0.14	176.0-177.0	0.16	34.41	0.00	0.09
132.0-133.0	1.48	55.72	0.00	0.14	177.0-178.0	0.11	34.52	0.00	0.09
133.0-134.0	1.46	57.18	0.00	0.15	178.0-179.0	0.07	34.58	0.00	0.09
134.0-135.0	1.44	58.62	0.00	0.15	179.0-180.0	0.02	34.61	0.00	0.09

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## Rectangle ISO Lighting Intensity Diagram

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-22
Lamp Name: 300W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-22 09:37:47



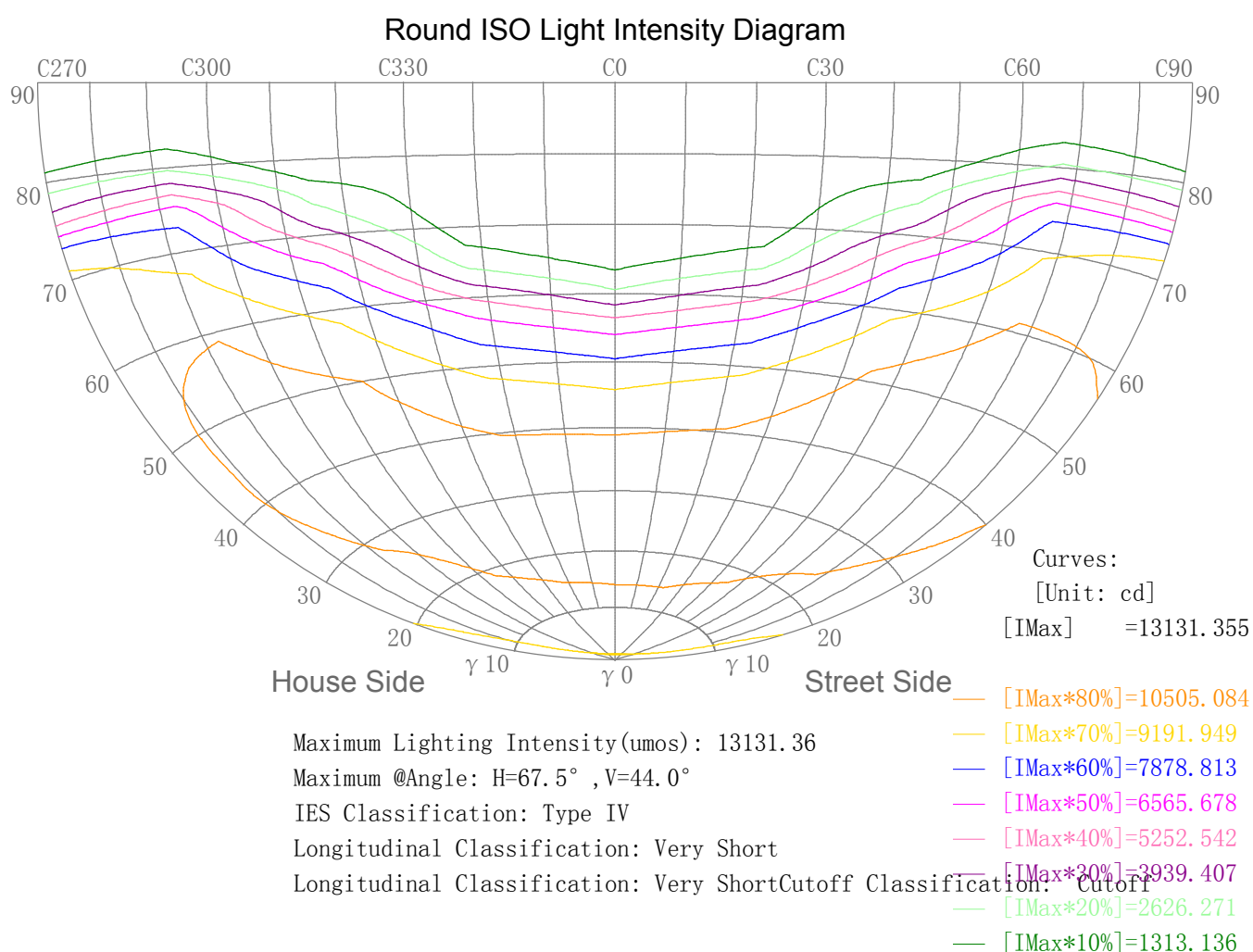
Maximum Light Intensity(cd): 13131.36  
Maximum Cand.@Angle: H=15.4°,V=41.7°

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## Round ISO Lighting Intensity Diagram

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-22
Lamp Name: 300W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-22 09:37:47



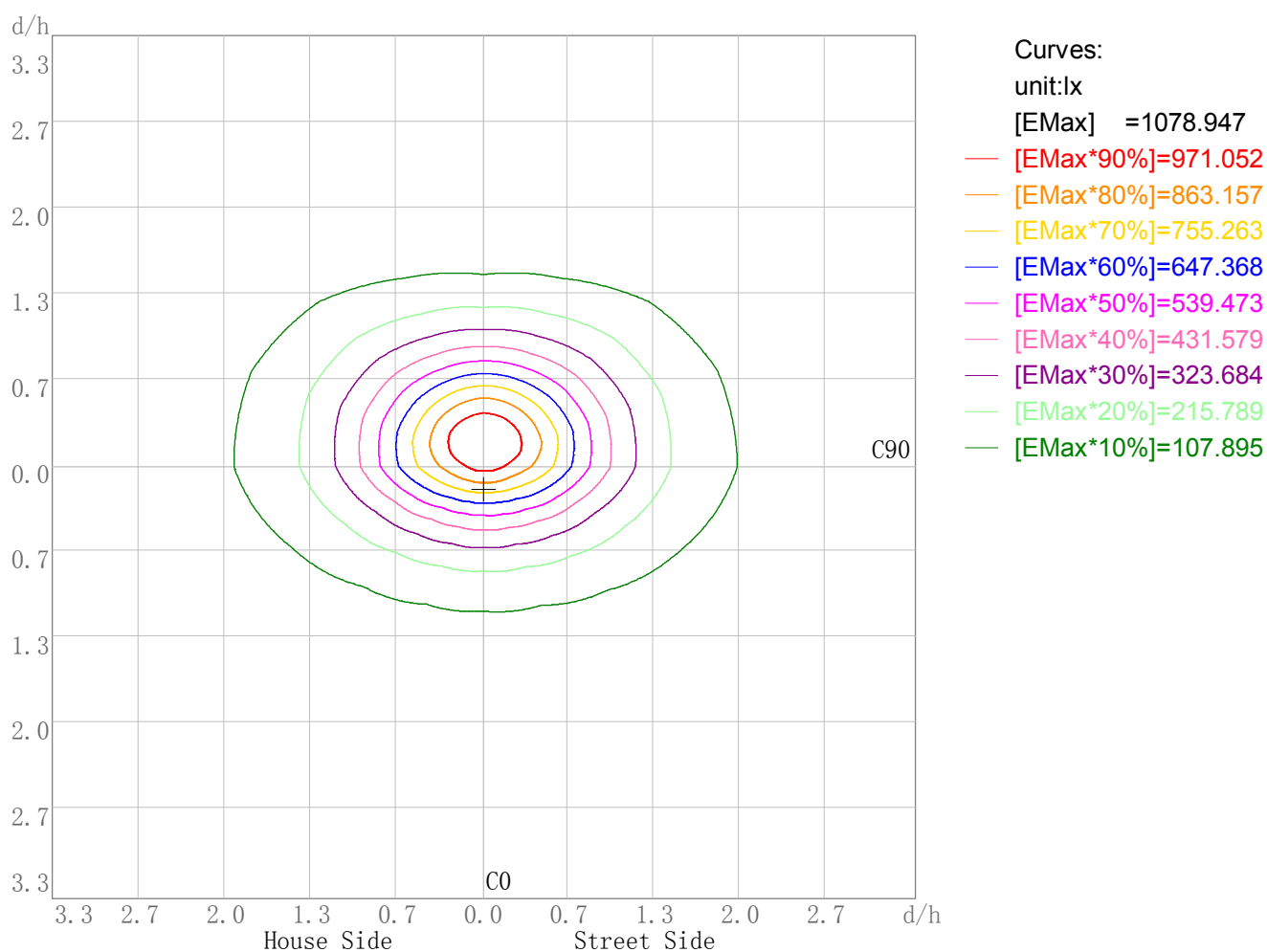
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## Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-22
Lamp Name: 300W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-22 09:37:47

### Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 1078.95  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.2



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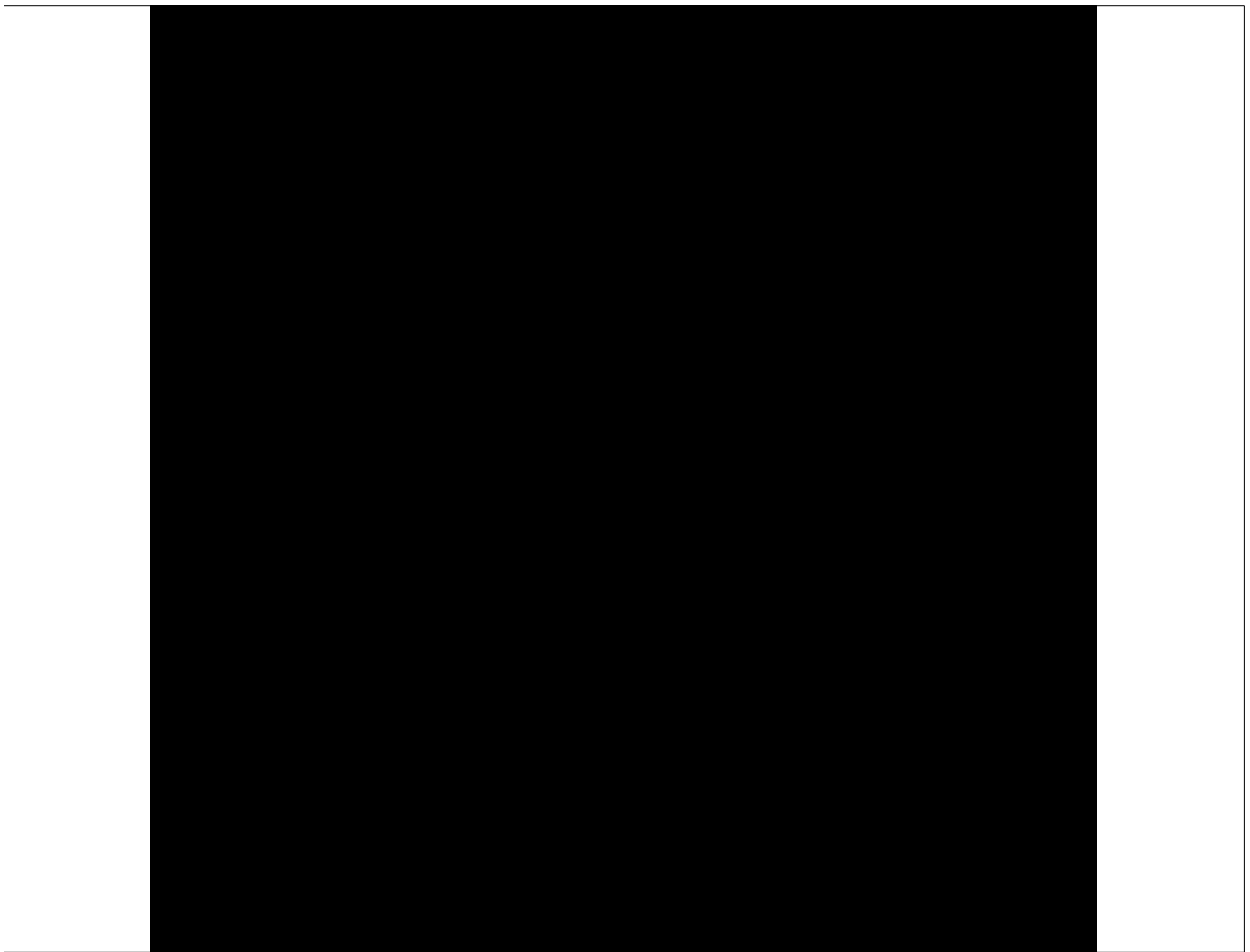
Photometric Filename:300W-120V\_IESNA2002.IES

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## 3D Plane ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-22
Lamp Name: 300W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-22 09:37:47

### 3D Plane Illuminance Modal



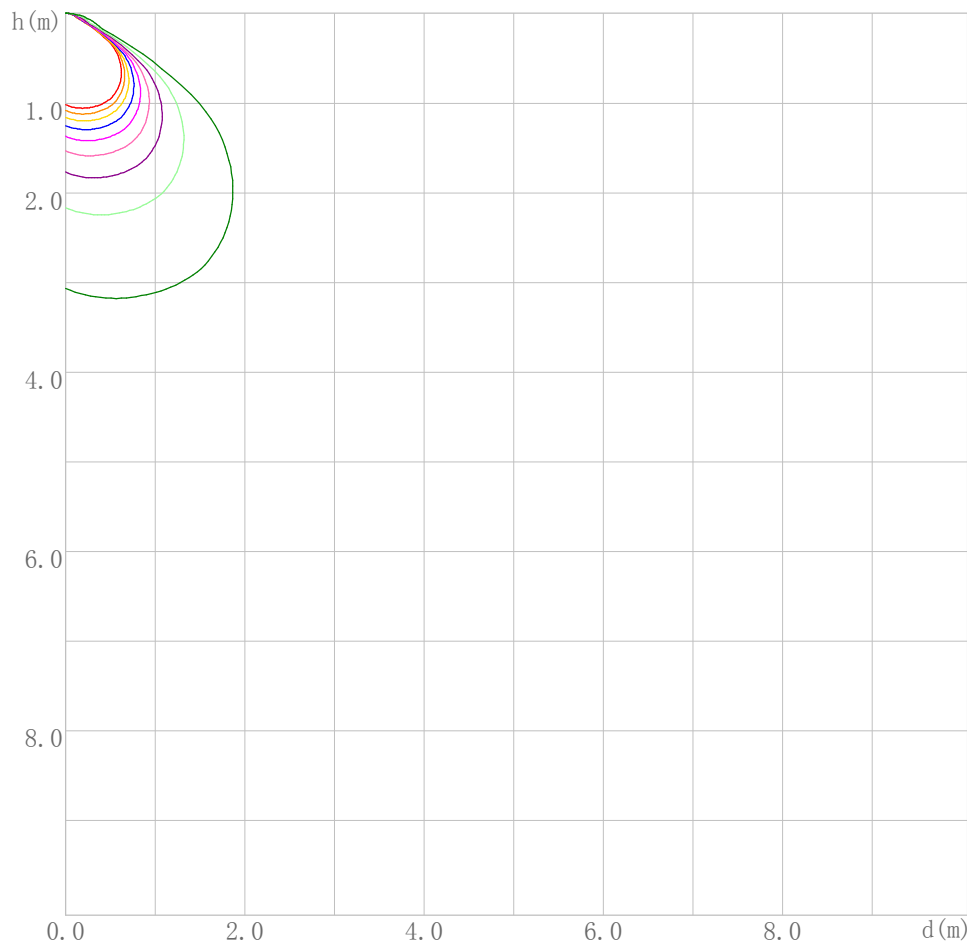
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0    Height(m): 3.0    Distance(m): 10.0

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### Space ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-22
Lamp Name: 300W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-22 09:37:47

Space ISO Illuminance Curve



- Curves:  
 [Unit: lx]  
 [EMax] =11167.098
- [EMax\*90%]=10050.388
  - [EMax\*80%]=8933.678
  - [EMax\*70%]=7816.968
  - [EMax\*60%]=6700.259
  - [EMax\*50%]=5583.549
  - [EMax\*40%]=4466.839
  - [EMax\*30%]=3350.129
  - [EMax\*20%]=2233.420
  - [EMax\*10%]=1116.710

Space Plane Maximum Illuminance and @Angle:11167.10lx,10.0deg  
 Plane Maximum Lighting Intensity and @Angle:12977.635cd,0deg

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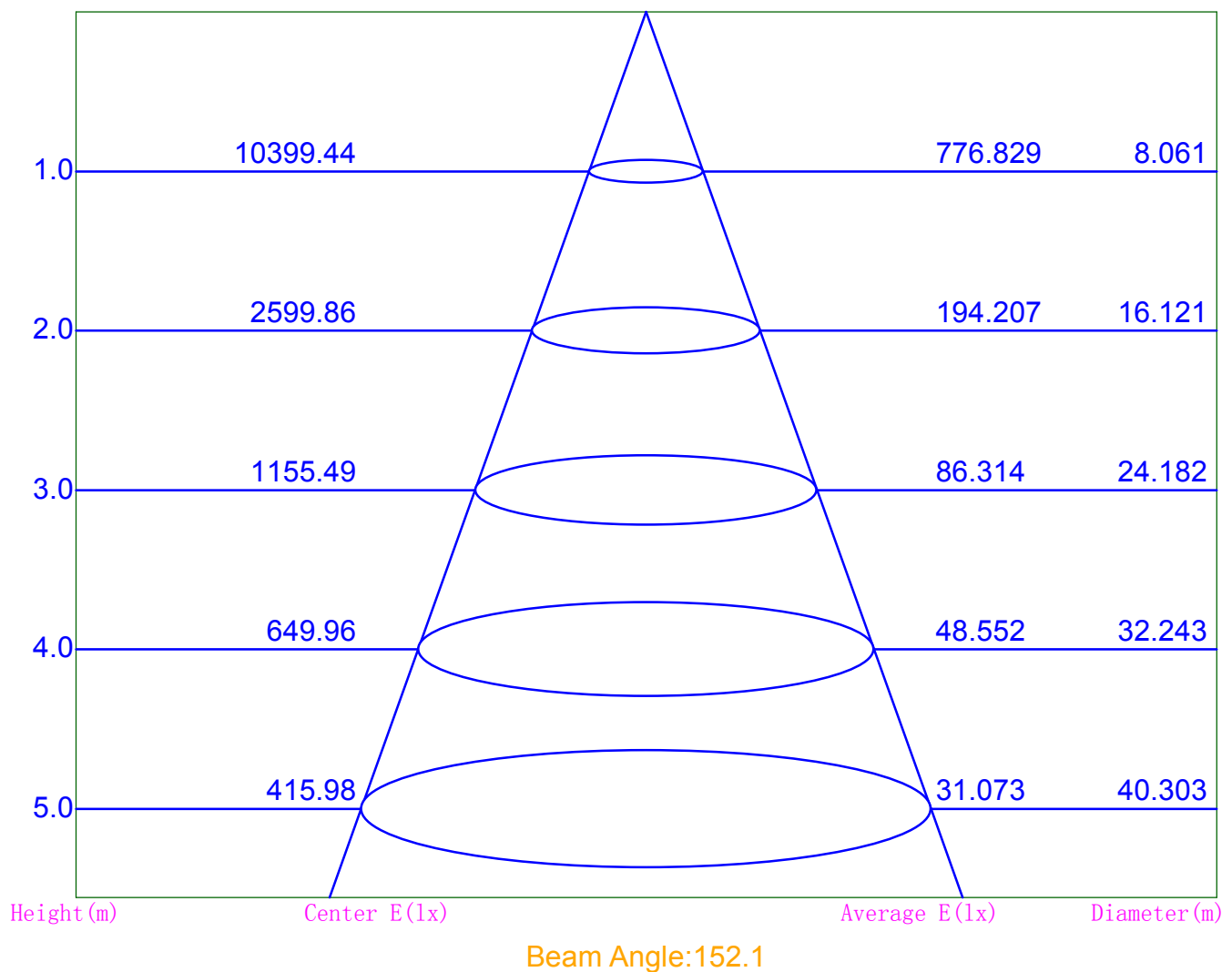
Photometric Filename:300W-120V\_IESNA2002.IES

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## Illuminance-Distance Diagram

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-22
Lamp Name: 300W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-22 09:37:47

Illuminance-Distance Curve

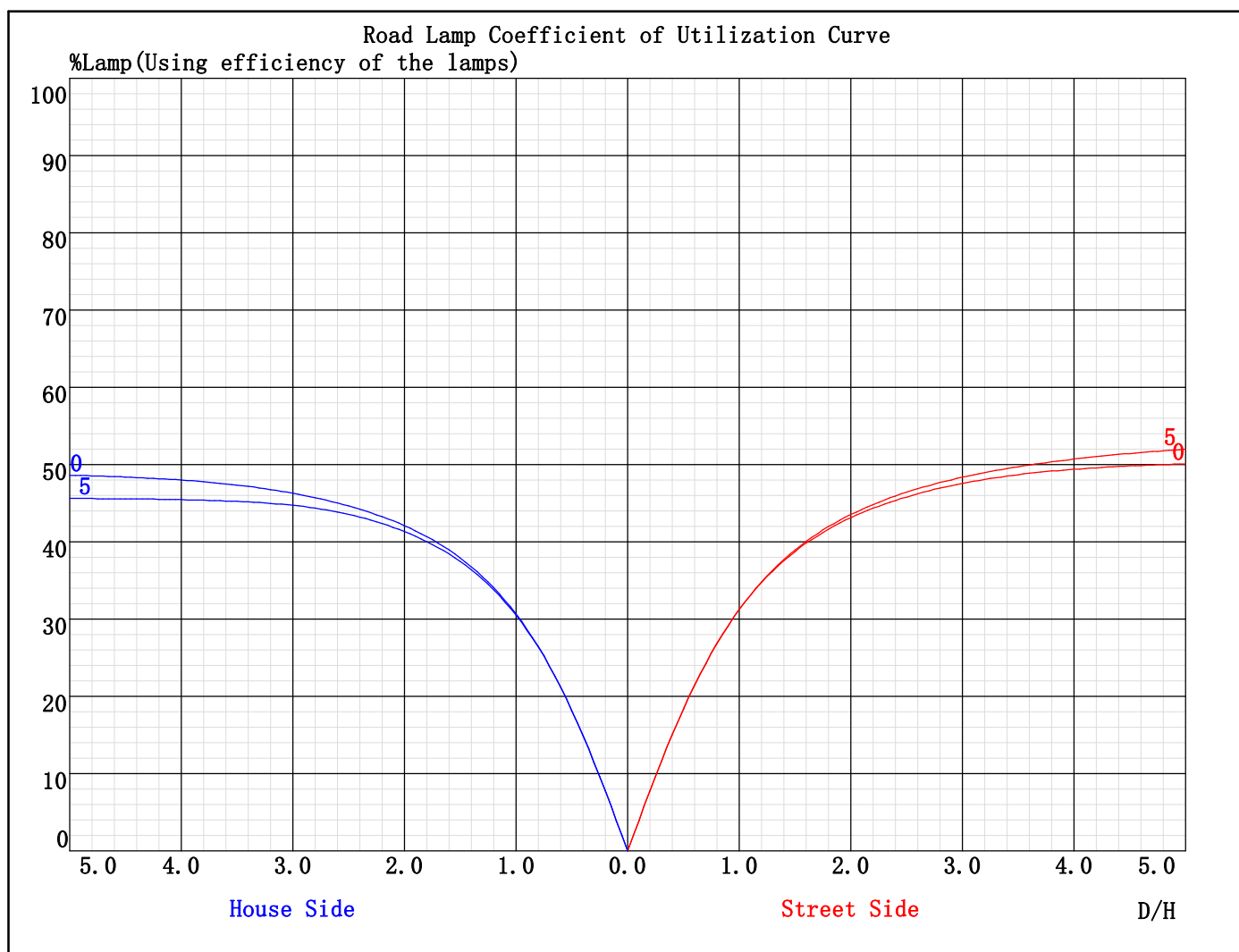


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## Road Coefficient of Utilization Curves

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-22
Lamp Name: 300W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-22 09:37:47



Tilt Angles: Ang1(deg): 0 Ang2(deg): 5

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## Candela Tabulation

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
$\gamma$ 0.0	10399.4	10399.4	10399.4	10399.4	10399.4	10399.4	10399.4	10399.4	10399.4	10399.4	10399.4	10399.4
$\gamma$ 1.0	10555.6	10542.7	10512.0	10465.4	10403.2	10344.9	10287.6	10245.9	10236.5	10248.3	10280.3	10335.9
$\gamma$ 2.0	10704.1	10688.4	10620.3	10524.3	10406.9	10284.8	10168.4	10086.7	10061.6	10089.6	10154.9	10271.8
$\gamma$ 3.0	10840.3	10833.4	10728.8	10580.6	10409.5	10218.0	10050.4	9927.4	9880.2	9926.7	10023.7	10203.0
$\gamma$ 4.0	10976.9	10967.9	10839.8	10642.0	10412.6	10148.7	9925.5	9755.0	9688.2	9755.6	9885.1	10130.4
$\gamma$ 5.0	11107.2	11092.0	10948.1	10702.1	10411.3	10072.6	9796.3	9582.4	9502.8	9580.4	9749.1	10051.2
$\gamma$ 6.0	11236.0	11210.8	11045.4	10760.8	10406.9	9996.7	9668.3	9410.7	9317.4	9406.0	9612.5	9970.1
$\gamma$ 7.0	11359.5	11328.4	11136.1	10814.8	10396.7	9916.7	9534.3	9238.4	9135.7	9225.4	9469.6	9882.6
$\gamma$ 8.0	11474.9	11445.0	11226.5	10870.7	10392.8	9835.8	9400.3	9068.6	8950.6	9043.7	9332.5	9799.5
$\gamma$ 9.0	11586.3	11565.4	11323.8	10930.4	10388.5	9757.7	9268.0	8883.6	8757.6	8863.7	9194.6	9724.2
$\gamma$ 10.0	11691.9	11681.1	11421.4	10995.6	10384.7	9683.8	9138.5	8707.6	8546.5	8682.6	9059.5	9652.6
$\gamma$ 11.0	11791.8	11786.0	11515.5	11063.8	10385.5	9612.8	9013.6	8525.5	8333.9	8495.2	8931.6	9582.5
$\gamma$ 12.0	11890.8	11879.5	11603.9	11134.0	10391.1	9552.6	8884.4	8342.3	8129.8	8307.7	8803.5	9520.5
$\gamma$ 13.0	11983.7	11973.4	11693.4	11203.5	10404.9	9497.9	8757.6	8157.3	7935.2	8127.7	8668.0	9459.2
$\gamma$ 14.0	12072.2	12062.9	11783.5	11277.1	10434.2	9454.9	8626.1	7977.0	7744.4	7953.6	8530.3	9399.7
$\gamma$ 15.0	12158.5	12144.2	11872.6	11353.2	10475.8	9410.4	8497.1	7808.4	7565.4	7782.9	8394.5	9343.6
$\gamma$ 16.0	12252.2	12229.0	11956.6	11427.1	10524.4	9372.1	8365.1	7660.8	7401.6	7614.6	8260.9	9288.6
$\gamma$ 17.0	12343.6	12305.4	12045.1	11500.2	10574.8	9341.0	8240.4	7515.8	7256.7	7459.8	8132.3	9240.7
$\gamma$ 18.0	12434.2	12377.1	12121.4	11579.3	10633.7	9321.7	8120.2	7375.9	7118.5	7307.4	8001.3	9196.1
$\gamma$ 19.0	12510.8	12450.3	12193.6	11662.0	10698.2	9309.6	8013.8	7245.9	6989.2	7171.0	7873.2	9160.4
$\gamma$ 20.0	12584.8	12519.9	12267.0	11749.1	10765.6	9298.3	7908.4	7124.1	6859.1	7040.0	7748.2	9127.6
$\gamma$ 21.0	12662.2	12582.1	12339.3	11831.9	10839.0	9279.1	7812.2	6999.6	6733.7	6919.2	7631.7	9093.8
$\gamma$ 22.0	12727.7	12645.1	12412.4	11920.5	10915.2	9263.1	7724.2	6880.5	6608.6	6800.2	7533.0	9062.1
$\gamma$ 23.0	12783.6	12706.1	12480.6	12011.7	10989.1	9244.3	7630.0	6771.2	6478.7	6684.2	7440.7	9027.4
$\gamma$ 24.0	12848.2	12761.4	12547.5	12107.1	11075.3	9221.7	7533.8	6654.9	6348.1	6566.6	7346.6	8992.8
$\gamma$ 25.0	12905.3	12808.6	12613.2	12204.2	11160.9	9196.2	7443.7	6531.6	6230.1	6450.0	7252.6	8953.1
$\gamma$ 26.0	12941.1	12844.0	12665.3	12290.5	11239.7	9168.1	7352.1	6406.7	6119.2	6331.1	7163.9	8916.8
$\gamma$ 27.0	12963.6	12865.9	12714.1	12374.5	11317.0	9143.1	7260.3	6284.2	6011.4	6210.2	7073.5	8879.1
$\gamma$ 28.0	12977.6	12885.6	12761.9	12453.5	11392.3	9118.7	7181.9	6166.3	5899.8	6095.2	6980.1	8840.0
$\gamma$ 29.0	12964.2	12899.4	12798.6	12528.9	11461.0	9087.8	7110.3	6052.1	5789.6	5986.4	6892.5	8801.0
$\gamma$ 30.0	12942.0	12900.8	12837.1	12604.6	11541.8	9053.5	7036.3	5940.1	5684.4	5879.6	6810.0	8760.7
$\gamma$ 31.0	12904.1	12888.3	12871.6	12678.8	11609.0	9012.6	6968.1	5837.7	5582.1	5777.2	6731.4	8712.1
$\gamma$ 32.0	12846.0	12861.2	12889.5	12747.3	11673.7	8965.2	6895.7	5740.6	5479.9	5680.3	6652.4	8662.1
$\gamma$ 33.0	12774.5	12821.0	12906.6	12807.4	11738.9	8920.1	6819.0	5646.8	5379.2	5580.2	6573.3	8610.0
$\gamma$ 34.0	12685.9	12766.5	12931.6	12855.8	11800.6	8880.1	6743.4	5552.0	5276.9	5487.7	6502.7	8555.1
$\gamma$ 35.0	12586.4	12696.1	12950.5	12900.4	11856.6	8847.1	6673.7	5451.2	5173.9	5396.5	6434.5	8499.6
$\gamma$ 36.0	12479.0	12611.3	12959.0	12944.7	11908.6	8802.7	6604.0	5354.6	5059.1	5305.7	6366.5	8445.8
$\gamma$ 37.0	12357.4	12507.6	12963.5	12991.5	11956.5	8755.1	6538.7	5255.0	4944.1	5208.7	6294.0	8395.3
$\gamma$ 38.0	12214.6	12402.2	12952.5	13037.5	11992.5	8702.2	6470.1	5160.0	4822.7	5106.1	6221.7	8350.1
$\gamma$ 39.0	12052.5	12284.3	12930.1	13070.5	12034.8	8654.3	6397.6	5058.2	4701.9	4992.9	6147.8	8308.5
$\gamma$ 40.0	11881.8	12165.8	12903.4	13088.6	12082.9	8612.5	6315.0	4949.9	4587.4	4873.8	6071.6	8270.0
$\gamma$ 41.0	11692.3	12034.2	12876.8	13104.8	12117.4	8582.6	6234.1	4843.6	4474.3	4759.2	5993.6	8237.8
$\gamma$ 42.0	11497.5	11898.3	12839.0	13122.6	12157.5	8561.9	6166.1	4728.2	4367.8	4646.8	5906.6	8211.8
$\gamma$ 43.0	11281.4	11741.6	12791.5	13130.7	12180.2	8537.4	6094.7	4618.4	4260.3	4534.0	5820.0	8189.6
$\gamma$ 44.0	11048.1	11577.8	12745.4	13131.4	12212.4	8507.4	6025.5	4511.2	4156.0	4429.8	5742.8	8159.1

# IES Road Report

Photometric Filename:300W-120V\_IESNA2002.IES

## Candela Tabulation - (Cont.)

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
γ 45.0	10801.1	11412.8	12690.9	13124.5	12227.2	8476.8	5948.6	4408.8	4053.5	4332.4	5671.1	8123.2
γ 46.0	10519.7	11210.7	12620.1	13113.0	12244.7	8451.8	5879.8	4311.1	3949.7	4239.6	5592.4	8085.5
γ 47.0	10234.1	10995.5	12544.8	13091.5	12257.3	8428.9	5804.9	4213.1	3856.5	4141.5	5511.4	8051.7
γ 48.0	9915.0	10754.2	12458.2	13078.2	12263.6	8412.8	5731.4	4118.3	3762.7	4045.8	5428.3	8022.4
γ 49.0	9588.0	10491.8	12365.4	13068.7	12266.1	8395.9	5645.5	4018.9	3671.8	3945.6	5333.0	7985.1
γ 50.0	9228.0	10211.1	12261.4	13059.2	12266.0	8372.6	5555.4	3917.2	3572.2	3852.8	5241.2	7949.5
γ 51.0	8848.9	9903.6	12145.2	13053.2	12256.3	8338.2	5471.3	3831.5	3472.7	3750.6	5152.6	7911.6
γ 52.0	8440.1	9579.4	12001.1	13029.3	12237.0	8306.3	5390.7	3743.8	3373.2	3657.4	5063.0	7873.9
γ 53.0	8017.1	9219.2	11842.9	12983.2	12216.6	8278.2	5317.9	3655.6	3278.4	3567.6	4973.6	7836.9
γ 54.0	7558.9	8847.3	11666.1	12918.3	12194.7	8249.5	5240.9	3561.0	3181.0	3477.8	4885.7	7806.4
γ 55.0	7034.2	8450.8	11454.1	12834.3	12163.8	8222.5	5163.0	3466.4	3084.3	3388.1	4806.1	7773.3
γ 56.0	6410.7	8035.0	11227.9	12744.0	12120.2	8193.8	5076.8	3371.9	2991.0	3300.6	4722.9	7725.8
γ 57.0	5654.5	7568.5	10999.9	12642.9	12070.6	8165.9	4987.7	3280.6	2905.0	3210.4	4637.9	7673.7
γ 58.0	4821.4	7029.0	10743.7	12531.4	12032.2	8145.3	4890.0	3193.1	2827.0	3125.1	4549.9	7630.4
γ 59.0	4036.2	6424.7	10450.4	12412.1	12014.2	8120.8	4787.8	3111.9	2723.6	3053.4	4448.8	7586.9
γ 60.0	3370.4	5772.9	10137.3	12271.7	12007.2	8101.9	4689.6	3035.9	2560.7	2986.7	4349.2	7541.7
γ 61.0	2811.7	5088.1	9796.7	12114.3	11993.2	8086.2	4582.8	2962.4	2293.7	2912.4	4249.4	7507.0
γ 62.0	2260.7	4408.4	9439.0	11945.3	11961.0	8067.5	4488.8	2883.8	1975.4	2814.1	4148.7	7479.5
γ 63.0	1680.5	3748.5	9053.5	11775.0	11908.0	8048.7	4398.8	2779.9	1711.5	2683.5	4057.7	7449.0
γ 64.0	1279.7	3086.1	8638.3	11601.8	11849.0	8023.7	4307.0	2635.5	1518.3	2497.6	3962.2	7413.2
γ 65.0	880.7	2472.3	8183.4	11441.4	11791.1	7999.3	4220.0	2438.8	1375.3	2230.7	3867.0	7366.2
γ 66.0	690.4	1946.4	7697.7	11266.5	11720.9	7965.5	4126.9	2148.4	1177.5	1964.2	3765.4	7304.5
γ 67.0	572.1	1601.9	7162.8	11058.9	11671.9	7938.4	4035.5	1894.5	965.9	1728.9	3665.0	7228.0
γ 68.0	515.5	1261.0	6580.0	10837.5	11626.5	7927.3	3928.7	1689.4	859.3	1533.0	3539.2	7118.6
γ 69.0	481.8	920.2	5967.6	10607.8	11546.9	7912.4	3815.1	1500.9	787.4	1363.5	3413.4	7036.7
γ 70.0	453.0	696.8	5295.7	10349.9	11395.8	7895.4	3647.8	1323.6	709.6	1208.5	3287.6	6994.2
γ 71.0	430.6	541.4	4651.4	10059.5	11093.3	7862.3	3480.4	1159.4	634.0	1057.0	3083.7	7027.7
γ 72.0	410.9	455.7	4109.3	9743.7	10548.6	7792.8	3312.4	1001.2	571.3	888.5	2892.7	7063.4
γ 73.0	398.1	410.7	3613.0	9373.6	9764.0	7632.0	3119.4	817.2	519.3	734.2	2749.9	7041.6
γ 74.0	378.8	382.6	3133.2	8880.1	8784.0	7461.4	2996.0	679.8	470.4	654.4	2625.9	6929.0
γ 75.0	343.3	362.2	2654.2	8293.1	7531.7	7289.3	2872.4	608.3	413.9	591.4	2498.2	6742.9
γ 76.0	309.9	341.6	2191.6	7419.7	6161.2	6947.4	2720.0	553.2	362.9	522.0	2287.9	6279.7
γ 77.0	284.2	314.4	1685.8	6278.0	5040.9	6225.9	2440.6	484.8	317.2	447.8	1970.8	5776.8
γ 78.0	258.9	284.2	1178.8	5225.6	4139.7	5551.0	2048.3	409.7	279.4	379.9	1730.1	5225.7
γ 79.0	234.1	256.6	671.7	4331.3	3238.4	5030.0	1637.4	365.8	243.8	334.6	1438.6	4268.7
γ 80.0	208.3	225.2	354.4	3360.1	2340.9	4003.0	1136.1	329.6	208.6	295.9	960.2	3311.8
γ 81.0	179.9	188.4	236.5	2604.7	1562.7	2976.0	773.3	290.8	173.2	256.2	651.6	2359.6
γ 82.0	142.7	153.2	176.9	2042.9	1067.9	1962.4	554.0	251.4	141.0	217.1	458.0	1815.7
γ 83.0	111.8	123.0	134.5	1495.7	659.3	1457.9	337.0	212.8	112.4	178.7	318.0	1130.9
γ 84.0	76.9	94.2	97.7	948.6	362.0	857.2	216.7	169.6	88.1	141.6	204.3	563.4
γ 85.0	45.0	57.6	66.6	401.5	120.3	450.3	142.5	122.6	64.7	107.4	123.3	252.3
γ 86.0	11.6	26.4	38.3	127.0	49.6	147.8	81.3	83.0	39.4	71.7	75.3	84.3
γ 87.0	4.7	6.1	17.1	31.0	27.1	28.3	33.5	26.6	10.0	25.3	29.6	25.5
γ 88.0	2.2	3.6	9.1	23.0	22.5	22.4	11.8	7.0	5.9	7.4	11.8	20.4
γ 89.0	0.4	1.1	5.5	17.4	16.8	15.5	6.5	3.0	3.3	4.7	7.1	15.1

# IES Road Report

Photometric Filename:300W-120V\_IESNA2002.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
γ 90.0	0.2	0.6	4.6	15.5	17.3	13.2	4.2	0.3	0.0	0.9	5.4	14.6
γ 91.0	0.2	0.6	4.5	14.7	16.0	13.2	4.2	0.2	0.0	0.8	5.4	14.5
γ 92.0	0.1	0.6	4.6	14.4	15.0	13.3	4.3	0.1	0.0	0.8	5.5	14.7
γ 93.0	0.1	0.5	4.6	14.0	15.2	13.3	4.5	0.1	0.0	0.8	5.7	14.8
γ 94.0	0.1	0.5	4.9	14.0	15.5	13.6	4.9	0.1	0.0	0.9	6.1	15.1
γ 95.0	0.1	0.6	5.2	14.0	15.9	14.1	5.2	0.2	0.0	0.9	6.4	15.5
γ 96.0	0.1	0.9	5.3	14.0	16.6	14.5	5.7	0.4	0.0	0.9	6.9	16.0
γ 97.0	0.2	1.3	5.5	14.0	16.9	14.9	6.4	0.6	0.0	1.0	7.8	16.4
γ 98.0	0.3	1.5	5.9	14.0	17.4	15.3	7.3	0.6	0.0	1.2	8.2	16.8
γ 99.0	0.5	1.8	6.3	13.9	17.8	15.8	7.8	0.9	0.0	1.4	8.8	17.1
γ 100.0	0.7	2.3	6.6	14.0	18.4	16.3	8.4	1.4	0.1	1.8	9.5	17.7
γ 101.0	1.2	2.6	7.0	14.4	19.0	16.8	9.0	1.9	0.4	2.2	10.1	18.2
γ 102.0	1.4	3.0	7.2	14.8	19.4	17.3	9.6	2.1	0.6	2.8	10.9	18.5
γ 103.0	1.8	3.2	7.5	15.3	19.9	17.8	10.2	2.8	1.0	3.2	11.4	19.0
γ 104.0	2.3	3.6	7.9	15.7	20.7	18.2	11.0	3.5	1.4	3.9	12.1	19.9
γ 105.0	2.5	4.0	8.6	16.4	21.2	18.6	11.5	4.0	1.9	4.6	12.8	20.7
γ 106.0	2.7	4.5	9.0	16.8	21.8	19.2	12.5	4.7	2.3	5.4	13.4	21.5
γ 107.0	3.3	5.0	9.2	17.5	22.2	19.5	13.1	5.6	2.9	6.1	13.9	22.2
γ 108.0	3.7	5.3	9.7	18.1	22.5	19.7	13.3	6.5	3.4	6.9	14.3	23.1
γ 109.0	4.2	5.5	10.0	18.8	23.0	20.7	13.4	7.2	4.5	7.5	14.5	23.9
γ 110.0	4.5	5.7	10.3	19.3	23.4	21.5	13.6	7.9	5.1	8.5	15.0	24.8
γ 111.0	4.8	5.9	10.7	19.7	23.7	22.1	13.9	8.5	5.9	9.2	15.4	25.6
γ 112.0	5.1	5.9	10.9	20.1	23.6	22.8	14.2	9.0	6.6	9.7	15.8	25.9
γ 113.0	5.2	6.1	11.1	20.5	23.7	23.3	14.4	9.1	7.3	10.2	16.5	25.9
γ 114.0	5.4	6.3	11.6	20.7	23.7	23.5	14.7	8.9	8.0	10.1	18.4	25.8
γ 115.0	6.0	6.3	11.9	21.0	23.6	23.5	15.0	8.6	8.8	9.8	17.1	25.4
γ 116.0	6.3	5.8	12.1	21.1	23.7	23.5	15.6	7.9	9.6	9.2	17.6	25.3
γ 117.0	6.4	5.5	12.5	21.0	23.4	23.5	16.1	7.8	9.9	9.1	18.2	25.1
γ 118.0	6.4	5.5	12.7	21.0	23.1	23.6	17.0	8.4	9.9	9.4	18.9	25.1
γ 119.0	6.2	6.6	12.8	21.0	22.9	23.5	17.7	10.0	9.9	10.5	19.7	25.1
γ 120.0	6.2	7.7	12.9	21.1	22.6	23.4	17.7	12.0	10.3	12.7	20.0	25.0
γ 121.0	7.4	8.8	12.9	20.9	22.7	23.3	17.7	13.4	11.8	14.7	19.9	25.0
γ 122.0	9.0	9.6	12.9	20.9	22.6	22.9	17.5	13.9	13.6	15.7	20.0	25.0
γ 123.0	10.1	10.3	12.9	20.7	22.0	22.8	17.5	14.4	15.4	16.3	20.0	25.0
γ 124.0	10.5	10.8	13.0	20.7	21.8	22.8	17.4	15.0	16.4	17.0	20.1	25.1
γ 125.0	10.7	11.0	13.0	20.7	21.7	22.8	17.4	15.8	16.9	17.7	20.1	25.3
γ 126.0	11.2	11.3	13.0	20.7	21.8	22.8	17.4	16.4	17.6	18.2	20.6	25.4
γ 127.0	11.4	11.5	13.0	20.7	22.1	22.7	17.4	17.0	18.3	18.7	21.0	25.2
γ 128.0	11.6	11.8	13.1	20.5	22.0	22.0	17.4	17.7	18.7	19.5	21.4	24.8
γ 129.0	12.1	12.0	13.1	19.7	22.1	21.1	17.4	18.3	19.6	20.2	21.9	24.4
γ 130.0	12.6	12.2	13.2	19.0	21.9	20.5	17.4	18.9	20.3	20.9	21.8	24.1
γ 131.0	13.1	12.5	13.3	18.4	21.7	20.1	17.3	19.7	21.0	21.9	21.9	24.0
γ 132.0	13.2	12.8	13.4	17.8	21.2	19.9	17.3	20.3	21.8	22.7	21.8	23.9
γ 133.0	13.9	13.1	13.4	17.7	21.1	19.7	17.3	20.9	22.5	23.4	21.3	23.4
γ 134.0	15.4	13.4	13.4	17.6	20.8	19.1	17.0	21.3	23.1	23.4	20.6	23.5

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# IES Road Report

Photometric Filename:300W-120V\_IESNA2002.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
γ 135.0	16.9	13.8	13.4	17.4	20.8	19.1	16.9	21.5	24.3	23.4	20.1	23.4
γ 136.0	18.5	14.0	13.3	17.4	20.6	19.3	16.4	21.8	25.4	23.3	19.3	23.5
γ 137.0	20.2	14.2	12.9	17.4	20.3	19.6	15.6	21.9	26.0	23.0	18.3	23.6
γ 138.0	20.0	14.7	12.4	17.4	20.0	20.0	14.7	22.0	27.0	22.9	17.3	24.2
γ 139.0	20.1	15.2	12.1	17.4	20.0	20.2	14.4	22.0	27.3	22.9	16.4	24.8
γ 140.0	21.2	15.4	11.5	17.4	19.9	20.1	14.4	21.9	27.3	22.9	16.0	25.0
γ 141.0	23.8	15.5	11.1	16.9	19.9	20.1	14.3	21.7	27.7	22.9	16.0	24.8
γ 142.0	24.0	15.7	11.1	16.5	20.0	20.0	14.4	21.2	27.5	22.2	16.2	24.5
γ 143.0	23.5	15.7	10.8	16.1	19.8	19.5	14.5	21.1	26.7	22.2	16.4	24.3
γ 144.0	22.2	15.7	10.9	15.8	19.7	19.3	14.9	21.1	22.1	22.2	16.6	23.9
γ 145.0	20.0	15.7	11.1	15.6	19.6	19.2	15.6	21.3	22.0	22.2	17.1	23.3
γ 146.0	20.7	16.2	11.7	15.5	19.6	19.2	16.4	21.4	23.6	22.2	17.6	23.0
γ 147.0	21.0	16.4	12.3	15.5	19.6	19.2	17.4	21.4	24.7	22.4	18.7	22.9
γ 148.0	22.9	16.4	12.8	15.5	19.6	19.2	18.3	21.3	25.4	22.2	20.0	22.5
γ 149.0	23.0	16.8	13.5	15.5	19.6	19.2	18.9	21.0	26.7	22.0	21.4	22.4
γ 150.0	22.9	17.3	14.0	15.5	19.4	19.2	19.4	20.7	26.4	22.0	22.4	22.1
γ 151.0	22.9	17.2	14.7	15.7	19.3	19.2	20.0	20.3	25.6	21.9	22.4	21.7
γ 152.0	21.8	17.3	15.4	15.7	19.0	19.2	20.3	19.9	24.6	22.0	22.4	21.0
γ 153.0	20.5	17.3	15.8	15.9	18.5	19.2	20.2	19.5	24.0	22.7	22.1	21.0
γ 154.0	20.3	17.4	16.2	16.5	17.7	19.2	20.1	19.4	23.2	22.4	21.9	21.0
γ 155.0	20.0	17.6	16.5	16.6	17.4	19.2	19.4	19.4	22.1	21.7	21.7	21.0
γ 156.0	19.8	17.8	16.5	16.9	16.9	19.2	19.1	19.4	21.3	21.2	21.1	21.0
γ 157.0	19.5	17.9	16.9	17.2	16.6	19.1	19.1	19.4	21.4	21.2	20.6	21.0
γ 158.0	20.1	18.1	16.9	17.2	16.6	19.1	18.7	19.7	21.1	20.9	20.3	21.0
γ 159.0	20.1	18.3	16.9	16.9	16.9	18.8	18.3	19.6	20.7	20.6	19.8	21.0
γ 160.0	19.9	18.5	16.9	16.7	17.3	18.4	18.0	19.6	20.3	20.4	19.4	21.0
γ 161.0	19.7	18.6	17.0	16.5	17.8	18.1	17.8	19.6	20.0	20.4	19.2	21.0
γ 162.0	19.6	18.6	17.2	16.5	18.3	17.4	17.8	19.6	19.3	19.8	19.2	21.3
γ 163.0	19.2	18.6	17.4	16.5	18.3	17.2	17.8	19.6	19.1	19.5	19.1	21.9
γ 164.0	19.1	18.9	17.3	16.6	18.3	17.2	17.8	19.6	19.1	19.3	19.0	22.3
γ 165.0	19.2	19.1	17.4	16.5	18.4	17.6	17.9	19.6	19.0	19.1	19.0	22.5
γ 166.0	19.1	19.0	17.7	16.5	18.5	18.3	18.1	19.8	19.0	19.0	19.0	22.6
γ 167.0	19.1	19.3	18.6	16.7	19.4	19.2	18.3	20.6	20.0	19.8	20.1	23.3
γ 168.0	18.9	20.2	19.9	17.5	19.7	19.9	19.1	22.7	22.8	22.4	22.9	24.7
γ 169.0	18.8	20.8	20.8	17.8	20.1	20.1	19.8	24.2	24.9	24.8	24.2	26.5
γ 170.0	19.9	21.7	21.3	18.5	21.4	21.4	20.7	24.6	26.1	25.8	25.4	26.4
γ 171.0	21.4	22.0	21.6	19.0	22.2	22.2	21.5	24.6	26.7	26.3	25.9	26.4
γ 172.0	22.9	22.0	21.8	19.2	22.5	22.5	21.9	24.6	26.5	26.7	25.8	26.5
γ 173.0	23.7	22.2	21.9	19.3	22.5	22.5	22.0	24.4	25.9	26.7	25.7	25.9
γ 174.0	23.8	22.1	22.3	19.3	22.6	22.7	22.3	24.2	25.9	26.7	25.2	25.9
γ 175.0	24.1	22.1	22.6	19.7	22.6	22.7	22.2	24.2	25.6	26.7	25.0	25.7
γ 176.0	24.4	22.3	22.9	20.1	22.4	22.5	22.2	23.7	25.5	26.6	24.8	25.2
γ 177.0	24.5	22.2	23.0	20.3	22.2	22.3	22.3	23.2	24.6	26.1	24.2	25.0
γ 178.0	24.6	22.2	23.1	20.3	21.9	21.9	22.2	22.8	23.9	25.6	23.2	24.4
γ 179.0	24.6	22.3	23.1	20.3	21.3	21.4	21.5	22.4	22.9	24.7	22.3	23.8

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# IES Road Report

Photometric Filename:300W-120V\_IESNA2002.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5	C225.0	C247.5
<b>γ 180.0</b>	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
V/H	C270.0	C292.5	C315.0	C337.5								
<b>γ 0.0</b>	10399.4	10399.4	10399.4	10399.4								
<b>γ 1.0</b>	10393.1	10447.9	10505.4	10550.5								
<b>γ 2.0</b>	10381.1	10495.7	10609.3	10688.8								
<b>γ 3.0</b>	10368.3	10544.9	10715.4	10821.1								
<b>γ 4.0</b>	10353.5	10591.5	10815.3	10950.4								
<b>γ 5.0</b>	10338.5	10637.0	10925.5	11074.2								
<b>γ 6.0</b>	10320.6	10683.5	11034.2	11184.3								
<b>γ 7.0</b>	10301.6	10731.6	11135.2	11285.9								
<b>γ 8.0</b>	10285.3	10780.8	11234.0	11389.4								
<b>γ 9.0</b>	10272.6	10829.6	11330.1	11500.8								
<b>γ 10.0</b>	10265.0	10886.1	11413.8	11604.6								
<b>γ 11.0</b>	10268.7	10944.8	11500.5	11694.1								
<b>γ 12.0</b>	10281.3	11004.2	11584.7	11787.6								
<b>γ 13.0</b>	10299.8	11064.7	11663.2	11886.9								
<b>γ 14.0</b>	10322.5	11125.2	11741.0	11984.3								
<b>γ 15.0</b>	10350.4	11185.6	11818.6	12068.5								
<b>γ 16.0</b>	10378.8	11243.7	11896.2	12145.0								
<b>γ 17.0</b>	10413.5	11305.2	11971.5	12224.7								
<b>γ 18.0</b>	10452.9	11368.5	12033.2	12293.4								
<b>γ 19.0</b>	10497.2	11438.4	12096.8	12352.0								
<b>γ 20.0</b>	10547.6	11510.7	12161.6	12419.9								
<b>γ 21.0</b>	10603.6	11582.6	12227.5	12484.8								
<b>γ 22.0</b>	10667.0	11649.2	12285.8	12533.1								
<b>γ 23.0</b>	10731.9	11714.5	12340.6	12582.4								
<b>γ 24.0</b>	10795.5	11785.9	12388.7	12631.9								
<b>γ 25.0</b>	10865.5	11854.3	12432.7	12677.6								
<b>γ 26.0</b>	10941.4	11916.8	12473.6	12706.0								
<b>γ 27.0</b>	11017.2	11985.7	12510.0	12733.8								
<b>γ 28.0</b>	11089.4	12058.8	12550.9	12763.4								
<b>γ 29.0</b>	11156.4	12130.2	12582.3	12769.9								
<b>γ 30.0</b>	11220.2	12203.1	12606.7	12767.4								
<b>γ 31.0</b>	11293.7	12272.0	12631.6	12752.9								
<b>γ 32.0</b>	11358.8	12330.0	12641.1	12727.9								
<b>γ 33.0</b>	11424.1	12377.8	12645.1	12687.9								
<b>γ 34.0</b>	11477.6	12431.1	12655.2	12630.4								
<b>γ 35.0</b>	11523.8	12479.6	12665.4	12555.9								
<b>γ 36.0</b>	11565.9	12521.9	12668.1	12486.2								
<b>γ 37.0</b>	11607.1	12559.7	12675.0	12394.8								
<b>γ 38.0</b>	11643.6	12589.8	12678.9	12278.0								
<b>γ 39.0</b>	11674.7	12622.5	12675.9	12150.6								
<b>γ 40.0</b>	11694.0	12652.6	12664.5	12025.7								
<b>γ 41.0</b>	11705.0	12680.9	12641.7	11898.2								
<b>γ 42.0</b>	11705.7	12709.6	12604.6	11760.3								

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# IES Road Report

Photometric Filename:300W-120V\_IESNA2002.IES

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 43.0	11704.5	12723.5	12561.8	11622.5
γ 44.0	11698.9	12728.5	12518.9	11468.3
γ 45.0	11702.5	12731.1	12476.0	11291.1
γ 46.0	11705.1	12735.6	12421.5	11092.7
γ 47.0	11713.8	12740.6	12331.7	10877.0
γ 48.0	11721.5	12742.6	12250.8	10643.2
γ 49.0	11722.2	12735.2	12171.6	10382.4
γ 50.0	11727.7	12717.0	12078.1	10103.7
γ 51.0	11728.5	12685.8	11952.6	9792.3
γ 52.0	11731.0	12646.5	11811.8	9475.1
γ 53.0	11732.3	12595.1	11645.8	9131.9
γ 54.0	11717.9	12533.0	11459.5	8772.5
γ 55.0	11706.0	12465.2	11271.2	8413.1
γ 56.0	11688.1	12383.6	11069.4	8022.1
γ 57.0	11674.4	12300.1	10847.9	7584.3
γ 58.0	11640.5	12189.1	10609.1	7083.0
γ 59.0	11602.7	12066.8	10348.3	6511.8
γ 60.0	11562.9	11943.9	10070.0	5853.2
γ 61.0	11530.0	11814.1	9746.0	5134.6
γ 62.0	11485.2	11666.9	9403.9	4435.0
γ 63.0	11391.2	11512.5	9029.9	3774.0
γ 64.0	11308.2	11320.7	8619.8	3125.2
γ 65.0	11224.0	11078.3	8176.3	2514.6
γ 66.0	11159.4	10839.1	7671.8	1988.6
γ 67.0	11116.5	10620.2	7125.3	1653.6
γ 68.0	11092.0	10455.4	6555.6	1320.3
γ 69.0	11000.7	10292.7	5952.4	986.9
γ 70.0	10850.9	10091.3	5313.7	740.2
γ 71.0	10546.7	9801.3	4631.3	554.5
γ 72.0	10083.2	9449.8	4035.3	451.8
γ 73.0	9342.4	9030.9	3530.3	403.1
γ 74.0	8322.8	8615.6	3104.8	375.8
γ 75.0	6743.2	8042.5	2668.4	353.7
γ 76.0	5523.6	6944.5	2189.2	335.3
γ 77.0	4519.9	5815.8	1642.9	307.1
γ 78.0	3772.0	4706.4	1095.1	274.8
γ 79.0	2927.4	3692.5	547.3	247.2
γ 80.0	2002.8	2679.8	333.1	216.6
γ 81.0	1502.8	2107.8	222.4	180.0
γ 82.0	1010.9	1614.0	161.6	145.0
γ 83.0	519.1	1122.1	118.3	114.9
γ 84.0	282.3	630.2	83.1	86.6
γ 85.0	76.7	292.1	55.7	50.9
γ 86.0	34.6	68.0	29.7	18.8
γ 87.0	23.9	27.4	13.8	5.9

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# IES Road Report

Photometric Filename:300W-120V\_IESNA2002.IES

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 88.0	19.5	20.8	9.1	3.1
γ 89.0	16.3	16.9	6.8	1.2
γ 90.0	15.8	16.0	6.4	0.9
γ 91.0	15.5	15.3	6.2	0.8
γ 92.0	15.6	14.9	6.1	0.8
γ 93.0	15.9	14.8	6.1	0.8
γ 94.0	16.6	14.8	6.1	0.8
γ 95.0	17.3	14.7	6.1	0.8
γ 96.0	18.0	14.7	6.1	0.9
γ 97.0	18.6	14.7	6.2	1.3
γ 98.0	19.4	14.6	6.2	1.7
γ 99.0	20.4	14.7	6.4	2.0
γ 100.0	21.1	14.7	6.5	2.3
γ 101.0	21.8	15.0	6.8	2.6
γ 102.0	22.6	15.3	7.0	2.9
γ 103.0	23.2	16.1	7.2	3.1
γ 104.0	24.2	16.5	7.8	3.4
γ 105.0	25.2	17.1	8.1	3.8
γ 106.0	25.9	17.7	8.5	4.2
γ 107.0	26.9	18.5	8.9	4.5
γ 108.0	27.6	19.0	9.2	5.0
γ 109.0	27.9	19.8	9.5	5.1
γ 110.0	28.4	20.1	9.8	5.4
γ 111.0	28.8	20.5	10.1	5.5
γ 112.0	28.8	20.9	10.6	5.9
γ 113.0	29.0	20.9	10.9	6.0
γ 114.0	29.4	21.0	11.2	6.0
γ 115.0	29.5	21.0	11.5	6.1
γ 116.0	29.7	21.0	11.6	5.7
γ 117.0	29.7	21.0	11.8	5.1
γ 118.0	29.7	21.0	12.1	5.3
γ 119.0	29.7	21.0	12.5	6.8
γ 120.0	29.7	20.8	12.6	8.4
γ 121.0	29.7	20.7	12.6	8.9
γ 122.0	29.7	20.7	12.6	9.4
γ 123.0	29.4	20.7	12.6	9.8
γ 124.0	29.2	20.7	12.5	10.2
γ 125.0	28.9	20.7	12.3	10.6
γ 126.0	28.7	20.8	12.1	10.7
γ 127.0	28.7	20.8	12.0	10.9
γ 128.0	28.6	20.5	12.1	11.1
γ 129.0	28.1	19.9	11.9	11.4
γ 130.0	27.3	19.3	11.6	11.6
γ 131.0	26.2	18.5	11.6	11.7
γ 132.0	25.5	18.0	11.4	11.9

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# IES Road Report

Photometric Filename:300W-120V\_IESNA2002.IES

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 133.0	24.9	17.7	11.4	12.4
γ 134.0	24.2	17.3	11.4	12.6
γ 135.0	23.7	17.1	11.1	12.8
γ 136.0	23.7	17.0	11.0	13.0
γ 137.0	23.6	17.0	10.8	13.1
γ 138.0	23.0	17.1	10.7	13.4
γ 139.0	23.0	17.0	10.6	13.6
γ 140.0	23.0	16.5	10.5	13.6
γ 141.0	22.5	15.8	10.5	14.1
γ 142.0	22.1	15.2	10.7	14.5
γ 143.0	21.7	14.9	10.8	14.5
γ 144.0	21.4	14.5	11.1	14.5
γ 145.0	21.0	14.5	11.6	14.5
γ 146.0	20.7	14.4	11.9	14.8
γ 147.0	20.3	14.4	12.5	15.1
γ 148.0	20.0	14.1	12.9	15.1
γ 149.0	19.9	14.1	13.5	15.4
γ 150.0	19.7	14.1	14.0	15.7
γ 151.0	19.1	14.1	14.9	15.7
γ 152.0	18.7	14.1	15.3	15.9
γ 153.0	18.3	14.1	15.8	16.3
γ 154.0	17.6	14.1	16.2	16.7
γ 155.0	16.8	14.2	16.3	16.9
γ 156.0	16.1	14.3	16.4	17.3
γ 157.0	15.9	14.4	16.6	17.3
γ 158.0	15.9	14.3	16.7	17.5
γ 159.0	15.9	14.5	17.0	17.8
γ 160.0	16.4	14.4	17.3	17.9
γ 161.0	17.1	14.4	17.5	18.1
γ 162.0	17.4	14.7	17.8	18.1
γ 163.0	17.5	14.8	18.1	18.1
γ 164.0	17.5	15.3	18.4	18.2
γ 165.0	17.5	15.6	18.5	17.9
γ 166.0	17.5	16.0	18.8	17.2
γ 167.0	18.5	16.7	19.7	17.1
γ 168.0	19.1	17.5	20.8	18.1
γ 169.0	19.8	18.1	21.2	19.9
γ 170.0	20.4	18.7	21.8	21.1
γ 171.0	20.9	19.1	22.2	21.9
γ 172.0	21.2	19.4	22.3	21.9
γ 173.0	21.4	19.6	22.8	22.2
γ 174.0	21.4	20.0	23.0	22.2
γ 175.0	21.8	20.8	23.2	22.4
γ 176.0	22.0	21.3	23.4	22.5
γ 177.0	22.1	21.8	23.6	22.7

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# IES Road Report

Photometric Filename:300W-120V\_IESNA2002.IES

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
$\gamma$ 178.0	22.0	21.8	23.5	22.9
$\gamma$ 179.0	21.6	21.8	23.0	22.9
$\gamma$ 180.0	24.6	24.6	24.6	24.6

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