

**Road Luminaire Photometric Data**

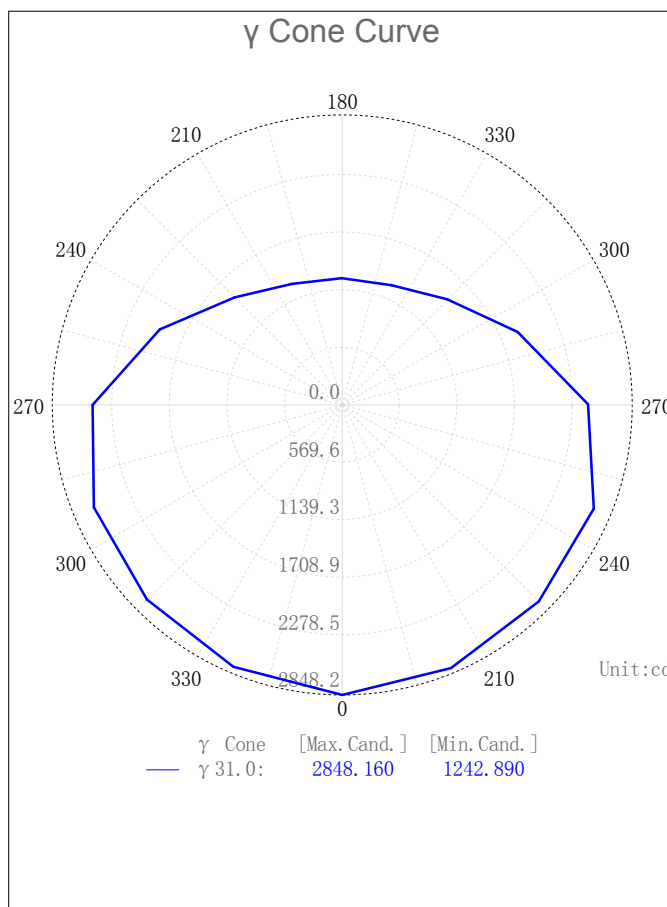
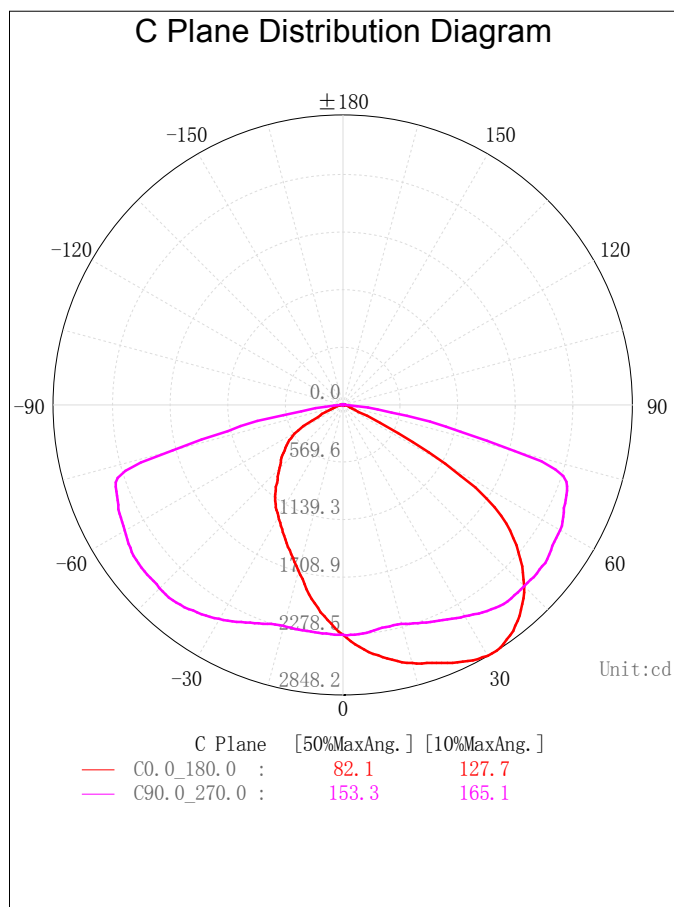
**Description Information**

Luminary Name:	Lum. Catalog:	Test ID: 2017-04-18
Lamp Name: 65W-HV	Lamp Catalog:	Test Date: 2017-04-18 22:50:14
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, γ	Test Step: C=22.5 γ=1.0	Temp.(°C):
		Humidity(%):

**Character Parameter**

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 8654.769	Luminary Flux(lm): 8654.769	Down Lumens&Percent: 8640.390lm 99.83%
Rated Power(W):	Luminary Efficiency: 100.00%	Up Lumens&Percent: 14.380lm 0.17%
Rated Voltage(V):	Luminary EER(lm/W): 134.809	76° Flash Area(m2):
Tested Power(W): 64.200	Max. Candela(cd): 2848.160	SLI: 0.000
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=31.0	IES Classification: Type IV
Tested Electrics(V, A, pf):	Half Peak Angle(°): L=-23.5, R=58.6	Longitudinal Classfct: Very Short
Lamp Size(W*L*H):0.000m*0.000m*0.000m	Field Angle(10%Imax): 127.7(°)	Cutoff Classification: Cutoff

**Lighting Distribution Diagram**



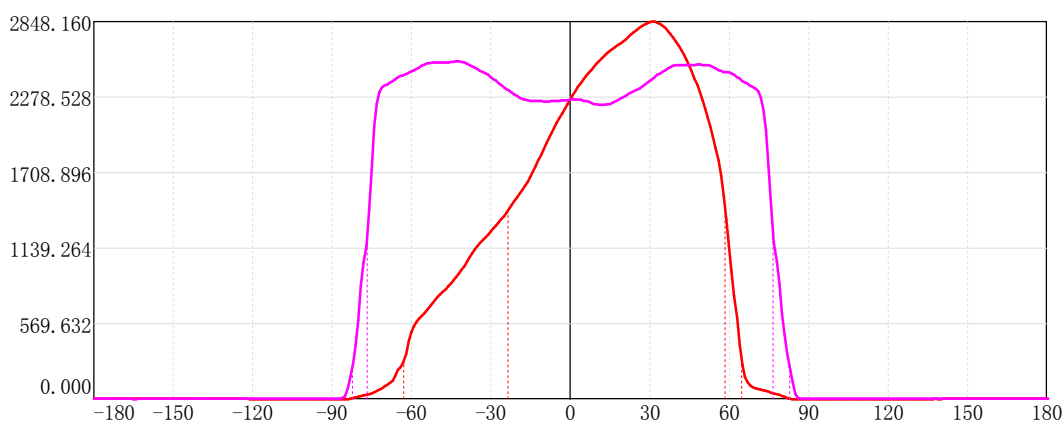
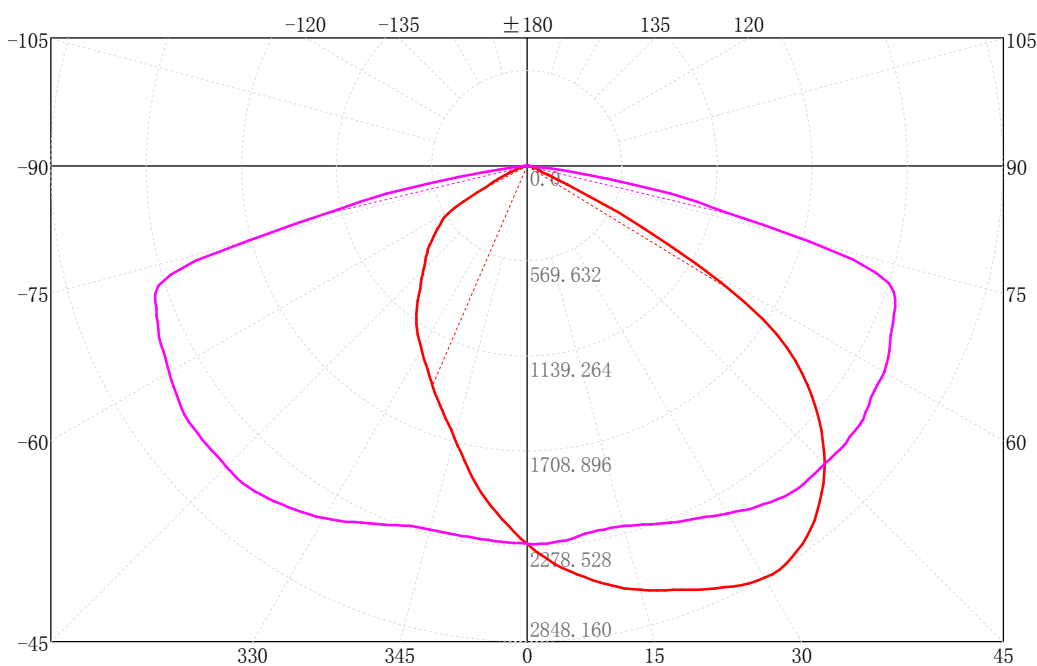
# IES Road Report

Photometric Filename:60W-HV-480V(12)\_IESNA2002.IES

## 2D Plane Light Intensity Distribution Curve

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-18
Lamp Name: 65W-HV	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-18 22:50:14

C Plane Distribution Diagram



C Plane  
 C0.0\_180.0 :  
 C90.0\_270.0 :

[50%MaxAng.]  
 82.1  
 153.3

[10%MaxAng.]  
 127.7  
 165.1

# IES Road Report

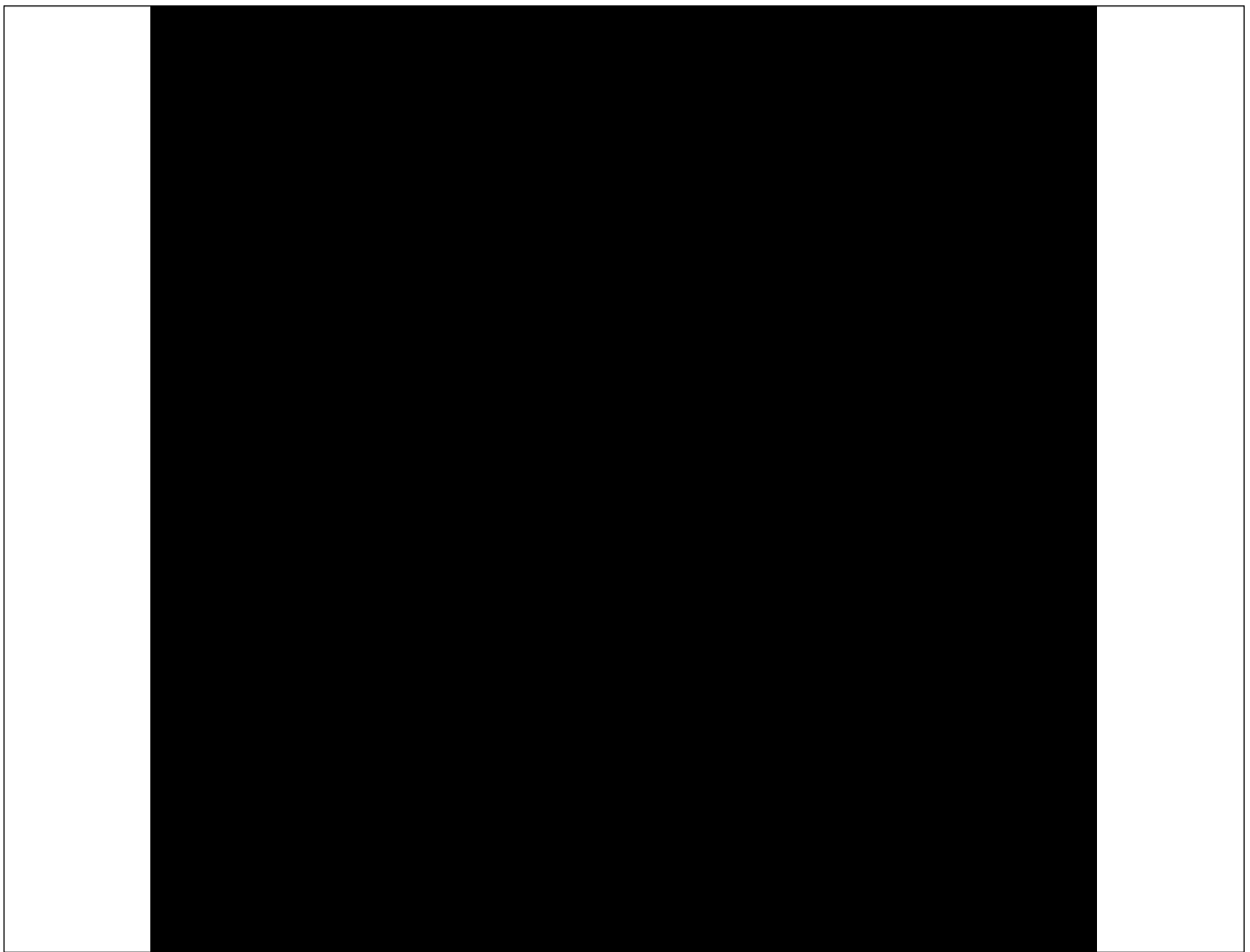
Photometric Filename:60W-HV-480V(12)\_IESNA2002.IES

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## 3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-18
Lamp Name: 65W-HV	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-18 22:50:14

## 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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# IES Road Report

Photometric Filename:60W-HV-480V(12)\_IESNA2002.IES

## 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	2.16	2.16	0.02	0.02	45.0-46.0	158.03	158.03	1.83	1.83
1.0-2.0	6.48	8.65	0.07	0.10	46.0-47.0	159.56	317.59	1.84	3.67
2.0-3.0	10.79	19.44	0.12	0.22	47.0-48.0	160.95	478.54	1.86	5.53
3.0-4.0	15.09	34.52	0.17	0.40	48.0-49.0	162.15	640.69	1.87	7.40
4.0-5.0	19.36	53.88	0.22	0.62	49.0-50.0	163.13	803.82	1.88	9.29
5.0-6.0	23.60	77.48	0.27	0.90	50.0-51.0	163.91	967.72	1.89	11.18
6.0-7.0	27.81	105.29	0.32	1.22	51.0-52.0	164.48	1132.21	1.90	13.08
7.0-8.0	31.98	137.28	0.37	1.59	52.0-53.0	164.86	1297.07	1.90	14.99
8.0-9.0	36.11	173.39	0.42	2.00	53.0-54.0	164.97	1462.04	1.91	16.89
9.0-10.0	40.21	213.60	0.46	2.47	54.0-55.0	164.77	1626.82	1.90	18.80
10.0-11.0	44.26	257.86	0.51	2.98	55.0-56.0	164.30	1791.11	1.90	20.70
11.0-12.0	48.28	306.14	0.56	3.54	56.0-57.0	163.55	1954.66	1.89	22.58
12.0-13.0	52.27	358.41	0.60	4.14	57.0-58.0	162.44	2117.10	1.88	24.46
13.0-14.0	56.23	414.64	0.65	4.79	58.0-59.0	160.78	2277.88	1.86	26.32
14.0-15.0	60.15	474.80	0.70	5.49	59.0-60.0	158.48	2436.36	1.83	28.15
15.0-16.0	64.07	538.87	0.74	6.23	60.0-61.0	155.54	2591.90	1.80	29.95
16.0-17.0	67.97	606.84	0.79	7.01	61.0-62.0	151.93	2743.82	1.76	31.70
17.0-18.0	71.84	678.68	0.83	7.84	62.0-63.0	147.88	2891.70	1.71	33.41
18.0-19.0	75.70	754.38	0.87	8.72	63.0-64.0	143.36	3035.07	1.66	35.07
19.0-20.0	79.57	833.95	0.92	9.64	64.0-65.0	138.47	3173.54	1.60	36.67
20.0-21.0	83.43	917.39	0.96	10.60	65.0-66.0	133.61	3307.14	1.54	38.21
21.0-22.0	87.27	1004.66	1.01	11.61	66.0-67.0	129.02	3436.17	1.49	39.70
22.0-23.0	91.09	1095.75	1.05	12.66	67.0-68.0	124.92	3561.09	1.44	41.15
23.0-24.0	94.87	1190.62	1.10	13.76	68.0-69.0	121.02	3682.11	1.40	42.54
24.0-25.0	98.64	1289.26	1.14	14.90	69.0-70.0	116.83	3798.94	1.35	43.89
25.0-26.0	102.38	1391.64	1.18	16.08	70.0-71.0	112.25	3911.19	1.30	45.19
26.0-27.0	106.08	1497.72	1.23	17.31	71.0-72.0	107.45	4018.64	1.24	46.43
27.0-28.0	109.73	1607.45	1.27	18.57	72.0-73.0	102.46	4121.10	1.18	47.62
28.0-29.0	113.33	1720.78	1.31	19.88	73.0-74.0	97.16	4218.26	1.12	48.74
29.0-30.0	116.88	1837.65	1.35	21.23	74.0-75.0	90.73	4308.99	1.05	49.79
30.0-31.0	120.34	1957.99	1.39	22.62	75.0-76.0	81.93	4390.92	0.95	50.73
31.0-32.0	123.69	2081.68	1.43	24.05	76.0-77.0	71.63	4462.55	0.83	51.56
32.0-33.0	126.93	2208.61	1.47	25.52	77.0-78.0	62.17	4524.72	0.72	52.28
33.0-34.0	130.07	2338.68	1.50	27.02	78.0-79.0	52.62	4577.34	0.61	52.89
34.0-35.0	133.11	2471.79	1.54	28.56	79.0-80.0	40.56	4617.91	0.47	53.36
35.0-36.0	136.03	2607.82	1.57	30.13	80.0-81.0	29.26	4647.17	0.34	53.69
36.0-37.0	138.80	2746.62	1.60	31.74	81.0-82.0	21.00	4668.16	0.24	53.94
37.0-38.0	141.43	2888.05	1.63	33.37	82.0-83.0	14.36	4682.53	0.17	54.10
38.0-39.0	143.95	3032.00	1.66	35.03	83.0-84.0	8.97	4691.49	0.10	54.21
39.0-40.0	146.34	3178.34	1.69	36.72	84.0-85.0	4.59	4696.08	0.05	54.26
40.0-41.0	148.61	3326.95	1.72	38.44	85.0-86.0	1.76	4697.84	0.02	54.28
41.0-42.0	150.72	3477.67	1.74	40.18	86.0-87.0	0.61	4698.44	0.01	54.29
42.0-43.0	152.70	3630.37	1.76	41.95	87.0-88.0	0.32	4698.76	0.00	54.29
43.0-44.0	154.58	3784.94	1.79	43.73	88.0-89.0	0.20	4698.96	0.00	54.29
44.0-45.0	156.36	3941.30	1.81	45.54	89.0-90.0	0.13	4699.09	0.00	54.29

# IES Road Report

Photometric Filename:60W-HV-480V(12)\_IESNA2002.IES

## Zonal Flux Tabulation - (Cont.)

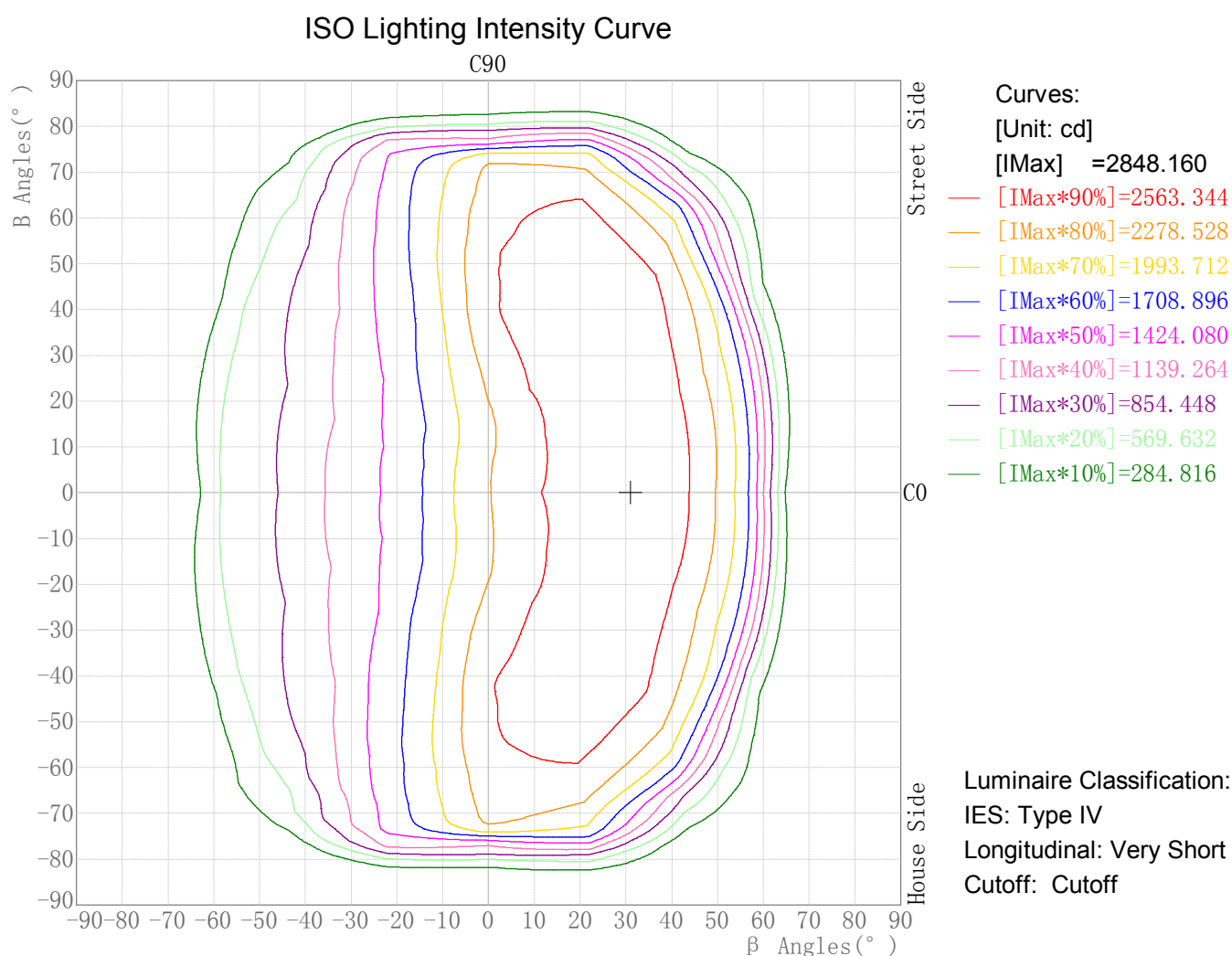
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
90.0-91.0	0.11	0.11	0.00	0.00	135.0-136.0	0.22	0.22	0.00	0.00
91.0-92.0	0.11	0.22	0.00	0.00	136.0-137.0	0.22	0.44	0.00	0.01
92.0-93.0	0.11	0.33	0.00	0.00	137.0-138.0	0.22	0.66	0.00	0.01
93.0-94.0	0.11	0.43	0.00	0.01	138.0-139.0	0.21	0.87	0.00	0.01
94.0-95.0	0.11	0.54	0.00	0.01	139.0-140.0	0.21	1.08	0.00	0.01
95.0-96.0	0.11	0.65	0.00	0.01	140.0-141.0	0.20	1.29	0.00	0.01
96.0-97.0	0.12	0.77	0.00	0.01	141.0-142.0	0.20	1.49	0.00	0.02
97.0-98.0	0.12	0.89	0.00	0.01	142.0-143.0	0.20	1.68	0.00	0.02
98.0-99.0	0.13	1.01	0.00	0.01	143.0-144.0	0.19	1.87	0.00	0.02
99.0-100.0	0.13	1.15	0.00	0.01	144.0-145.0	0.19	2.06	0.00	0.02
100.0-101.0	0.14	1.28	0.00	0.01	145.0-146.0	0.18	2.24	0.00	0.03
101.0-102.0	0.14	1.42	0.00	0.02	146.0-147.0	0.18	2.42	0.00	0.03
102.0-103.0	0.15	1.57	0.00	0.02	147.0-148.0	0.18	2.60	0.00	0.03
103.0-104.0	0.16	1.73	0.00	0.02	148.0-149.0	0.17	2.77	0.00	0.03
104.0-105.0	0.17	1.90	0.00	0.02	149.0-150.0	0.16	2.93	0.00	0.03
105.0-106.0	0.18	2.08	0.00	0.02	150.0-151.0	0.16	3.09	0.00	0.04
106.0-107.0	0.19	2.27	0.00	0.03	151.0-152.0	0.16	3.25	0.00	0.04
107.0-108.0	0.20	2.47	0.00	0.03	152.0-153.0	0.15	3.40	0.00	0.04
108.0-109.0	0.21	2.68	0.00	0.03	153.0-154.0	0.14	3.54	0.00	0.04
109.0-110.0	0.21	2.89	0.00	0.03	154.0-155.0	0.14	3.68	0.00	0.04
110.0-111.0	0.22	3.10	0.00	0.04	155.0-156.0	0.13	3.81	0.00	0.04
111.0-112.0	0.22	3.33	0.00	0.04	156.0-157.0	0.13	3.94	0.00	0.05
112.0-113.0	0.23	3.55	0.00	0.04	157.0-158.0	0.12	4.06	0.00	0.05
113.0-114.0	0.23	3.78	0.00	0.04	158.0-159.0	0.11	4.17	0.00	0.05
114.0-115.0	0.23	4.02	0.00	0.05	159.0-160.0	0.11	4.28	0.00	0.05
115.0-116.0	0.24	4.25	0.00	0.05	160.0-161.0	0.11	4.39	0.00	0.05
116.0-117.0	0.24	4.49	0.00	0.05	161.0-162.0	0.10	4.49	0.00	0.05
117.0-118.0	0.24	4.73	0.00	0.05	162.0-163.0	0.10	4.59	0.00	0.05
118.0-119.0	0.24	4.97	0.00	0.06	163.0-164.0	0.09	4.68	0.00	0.05
119.0-120.0	0.24	5.21	0.00	0.06	164.0-165.0	0.09	4.76	0.00	0.06
120.0-121.0	0.24	5.45	0.00	0.06	165.0-166.0	0.08	4.85	0.00	0.06
121.0-122.0	0.25	5.70	0.00	0.07	166.0-167.0	0.08	4.93	0.00	0.06
122.0-123.0	0.25	5.94	0.00	0.07	167.0-168.0	0.08	5.00	0.00	0.06
123.0-124.0	0.25	6.19	0.00	0.07	168.0-169.0	0.08	5.08	0.00	0.06
124.0-125.0	0.25	6.44	0.00	0.07	169.0-170.0	0.07	5.16	0.00	0.06
125.0-126.0	0.25	6.69	0.00	0.08	170.0-171.0	0.07	5.22	0.00	0.06
126.0-127.0	0.25	6.94	0.00	0.08	171.0-172.0	0.06	5.29	0.00	0.06
127.0-128.0	0.25	7.18	0.00	0.08	172.0-173.0	0.06	5.34	0.00	0.06
128.0-129.0	0.25	7.43	0.00	0.09	173.0-174.0	0.05	5.39	0.00	0.06
129.0-130.0	0.25	7.68	0.00	0.09	174.0-175.0	0.04	5.43	0.00	0.06
130.0-131.0	0.24	7.93	0.00	0.09	175.0-176.0	0.03	5.47	0.00	0.06
131.0-132.0	0.24	8.16	0.00	0.09	176.0-177.0	0.03	5.49	0.00	0.06
132.0-133.0	0.23	8.40	0.00	0.10	177.0-178.0	0.02	5.51	0.00	0.06
133.0-134.0	0.23	8.63	0.00	0.10	178.0-179.0	0.01	5.52	0.00	0.06
134.0-135.0	0.23	8.85	0.00	0.10	179.0-180.0	0.00	5.53	0.00	0.06

# IES Road Report

Photometric Filename:60W-HV-480V(12)\_IESNA2002.IES

## Rectangle ISO Lighting Intensity Diagram

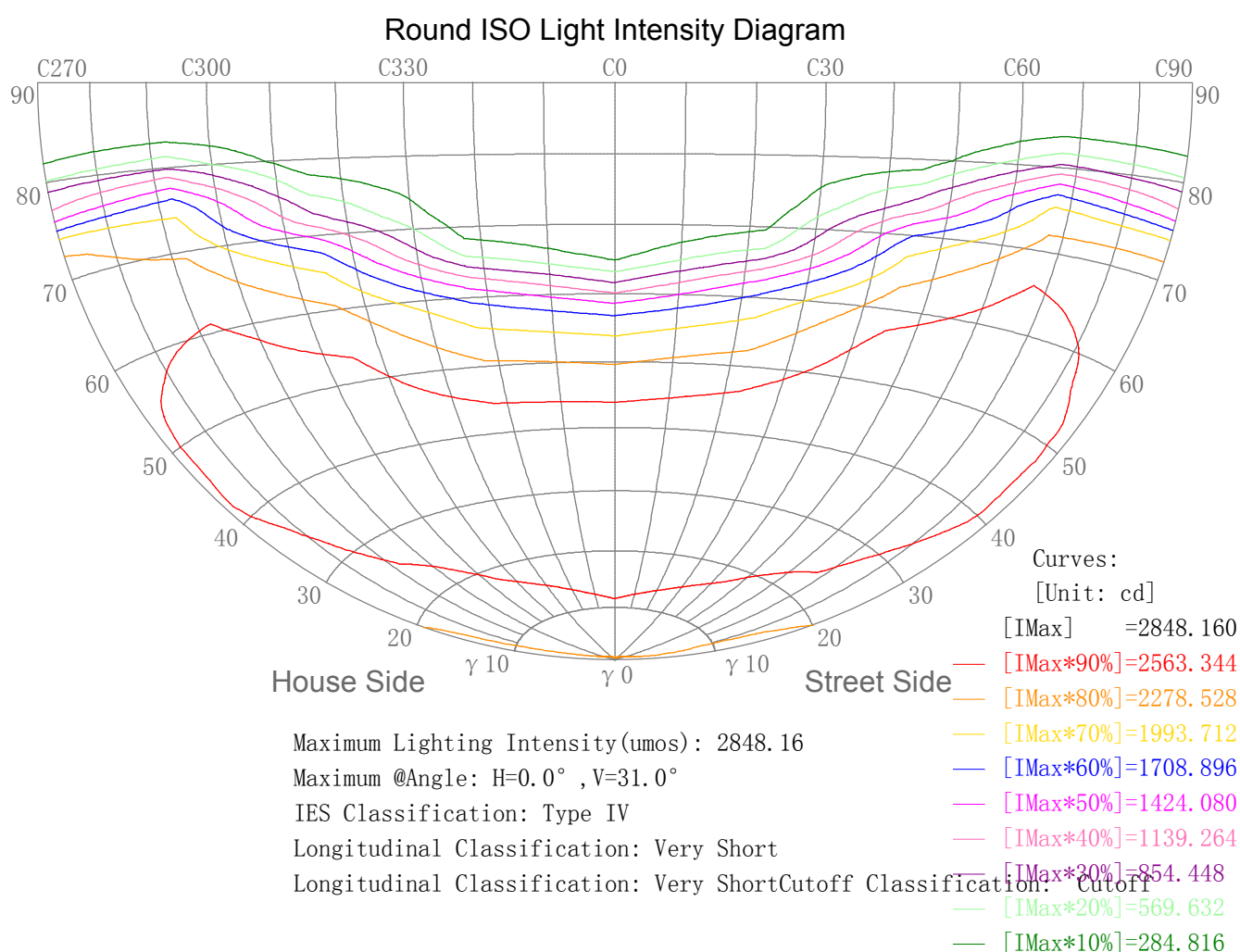
Lum. Name:	Lum. Catalog:	Test ID: 2017-04-18
Lamp Name: 65W-HV	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-18 22:50:14



Maximum Light Intensity(cd): 2848.16  
 Maximum Cand.@Angle: H=31.0°,V=0.0°

**Round ISO Lighting Intensity Diagram**

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-18
Lamp Name: 65W-HV	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-18 22:50:14



Maximum Lighting Intensity(umos): 2848.16  
 Maximum @Angle: H=0.0° ,V=31.0°  
 IES Classification: Type IV  
 Longitudinal Classification: Very Short  
 Longitudinal Classification: Very ShortCutoff Classification: Cutoff

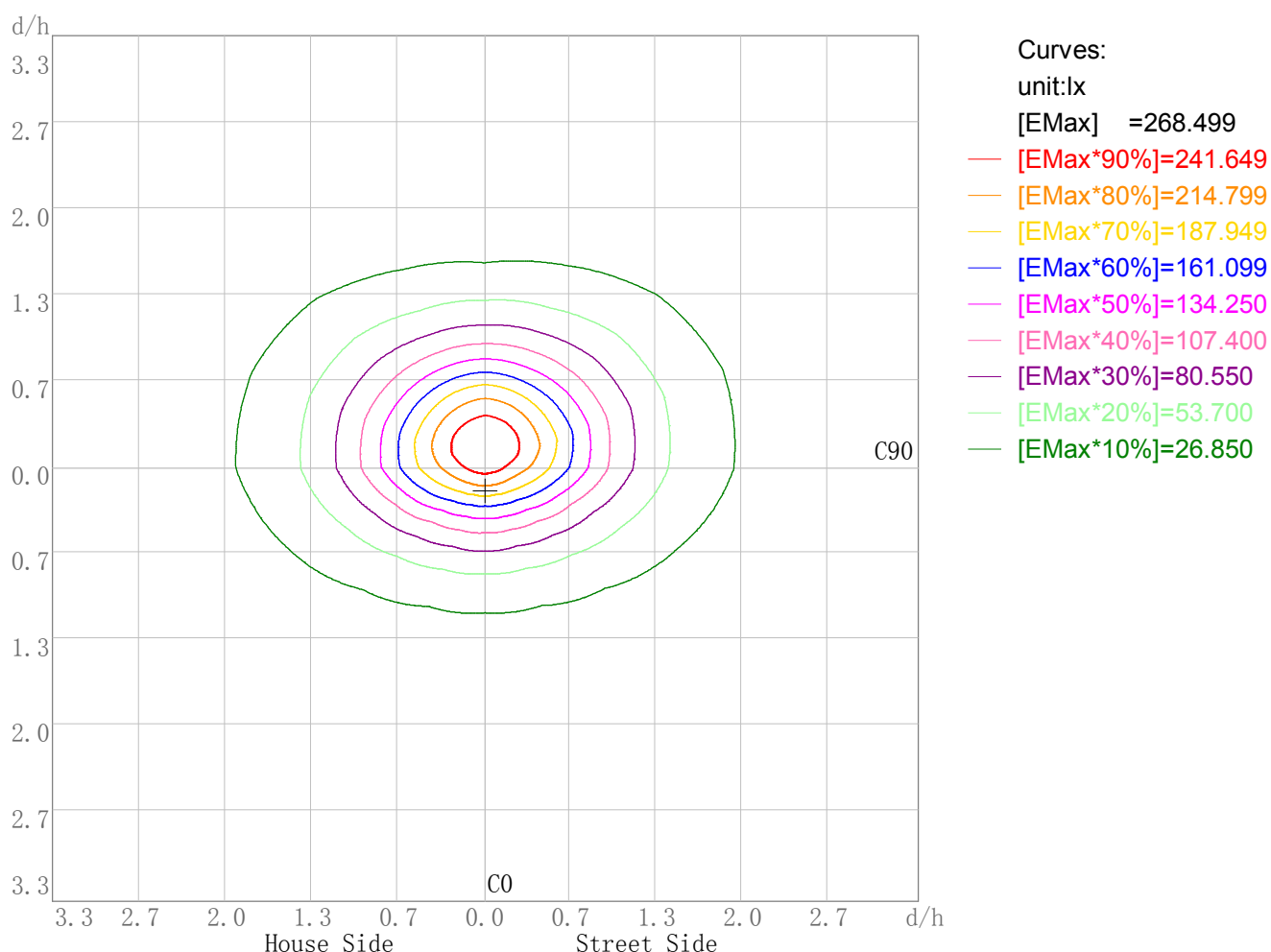
# IES Road Report

Photometric Filename:60W-HV-480V(12)\_IESNA2002.IES

## Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-18
Lamp Name: 65W-HV	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-18 22:50:14

### Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00  
 Working Plane Maximum Illuminance(lx): 268.50  
 Working Plane Maximum Illuminance Position(d/h):H0.0 V0.2



# IES Road Report

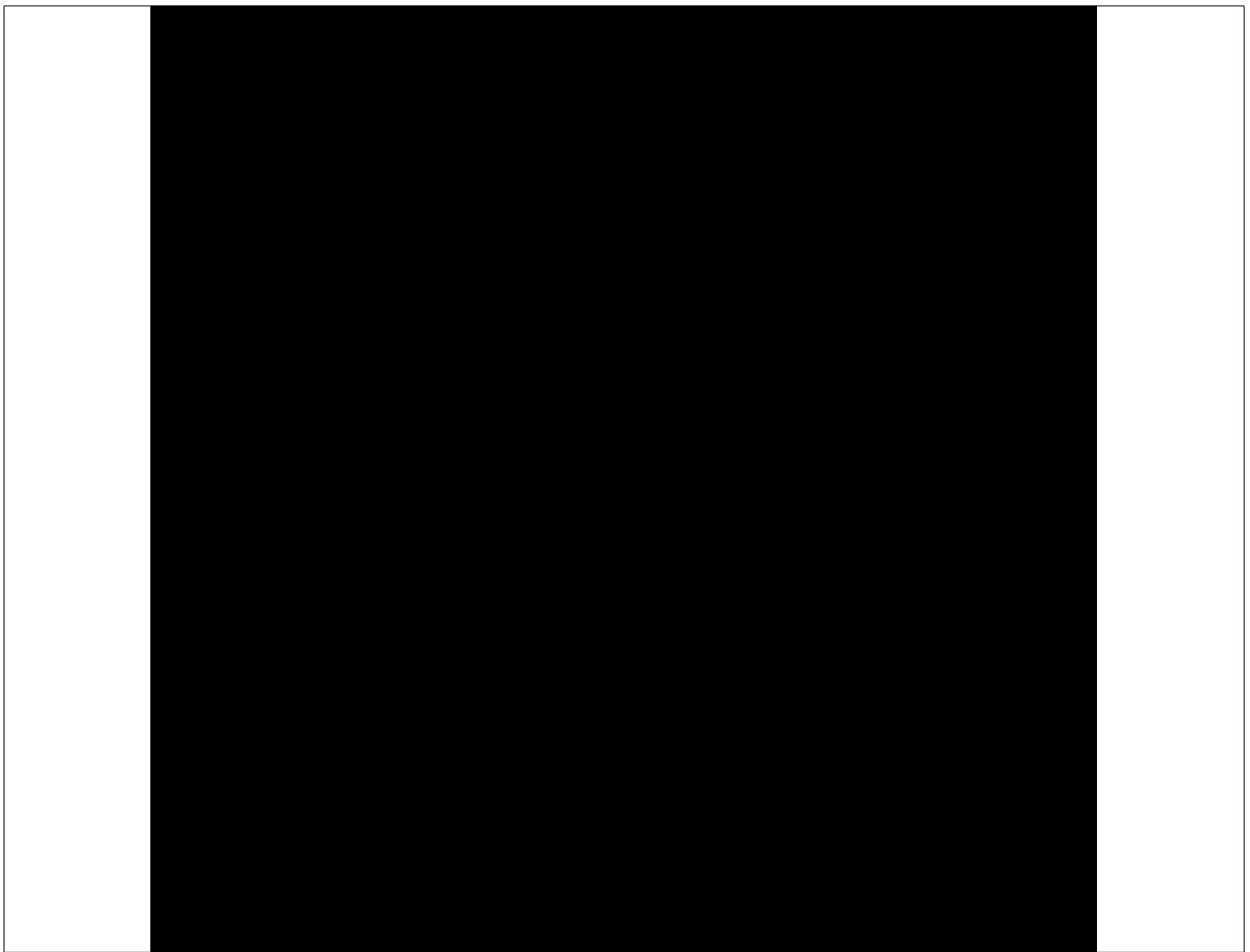
Photometric Filename:60W-HV-480V(12)\_IESNA2002.IES

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## 3D Plane ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-18
Lamp Name: 65W-HV	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-18 22:50:14

### 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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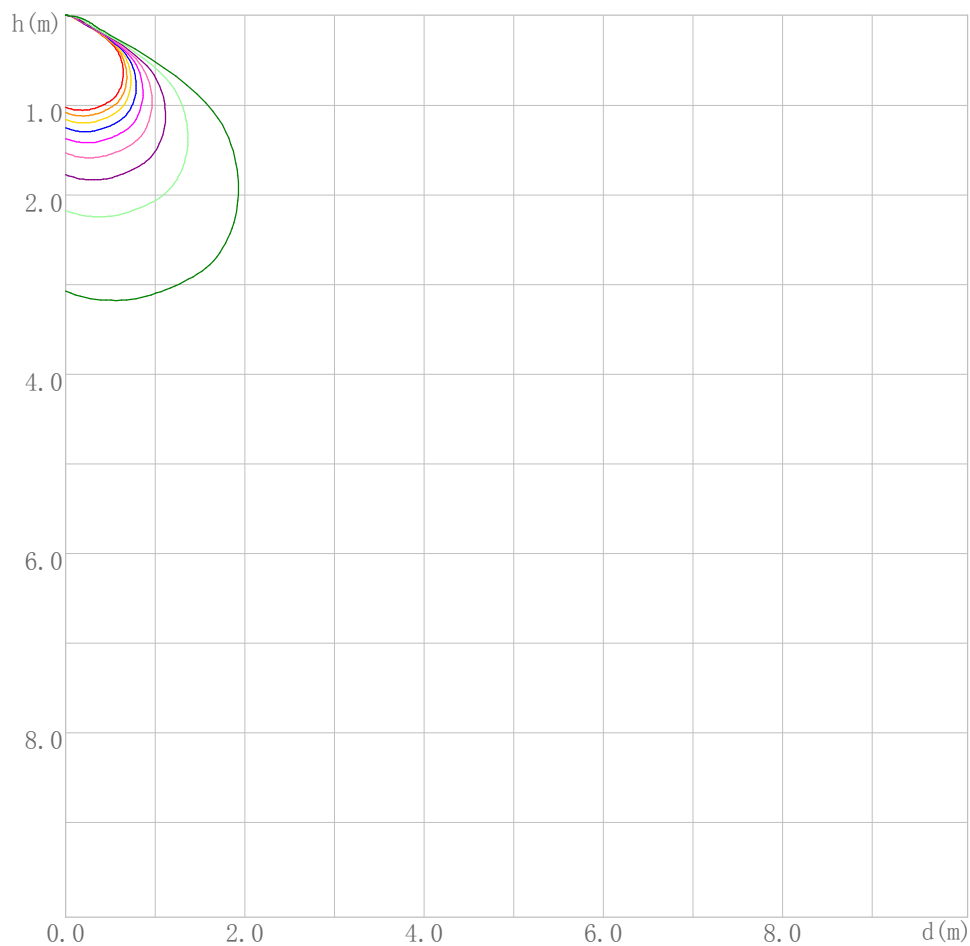
# IES Road Report

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## Space ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-18
Lamp Name: 65W-HV	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-18 22:50:14

### Space ISO Illuminance Curve



Curves:

[Unit: lx]

[E<sub>Max</sub>] =2416.491

— [E<sub>Max</sub>\*90%]=2174.842

— [E<sub>Max</sub>\*80%]=1933.193

— [E<sub>Max</sub>\*70%]=1691.544

— [E<sub>Max</sub>\*60%]=1449.895

— [E<sub>Max</sub>\*50%]=1208.246

— [E<sub>Max</sub>\*40%]=966.596

— [E<sub>Max</sub>\*30%]=724.947

— [E<sub>Max</sub>\*20%]=483.298

— [E<sub>Max</sub>\*10%]=241.649

Space Plane Maximum Illuminance and @Angle:2416.49lx,10.0deg

Plane Maximum Lighting Intensity and @Angle:2848.160cd,0deg

# IES Road Report

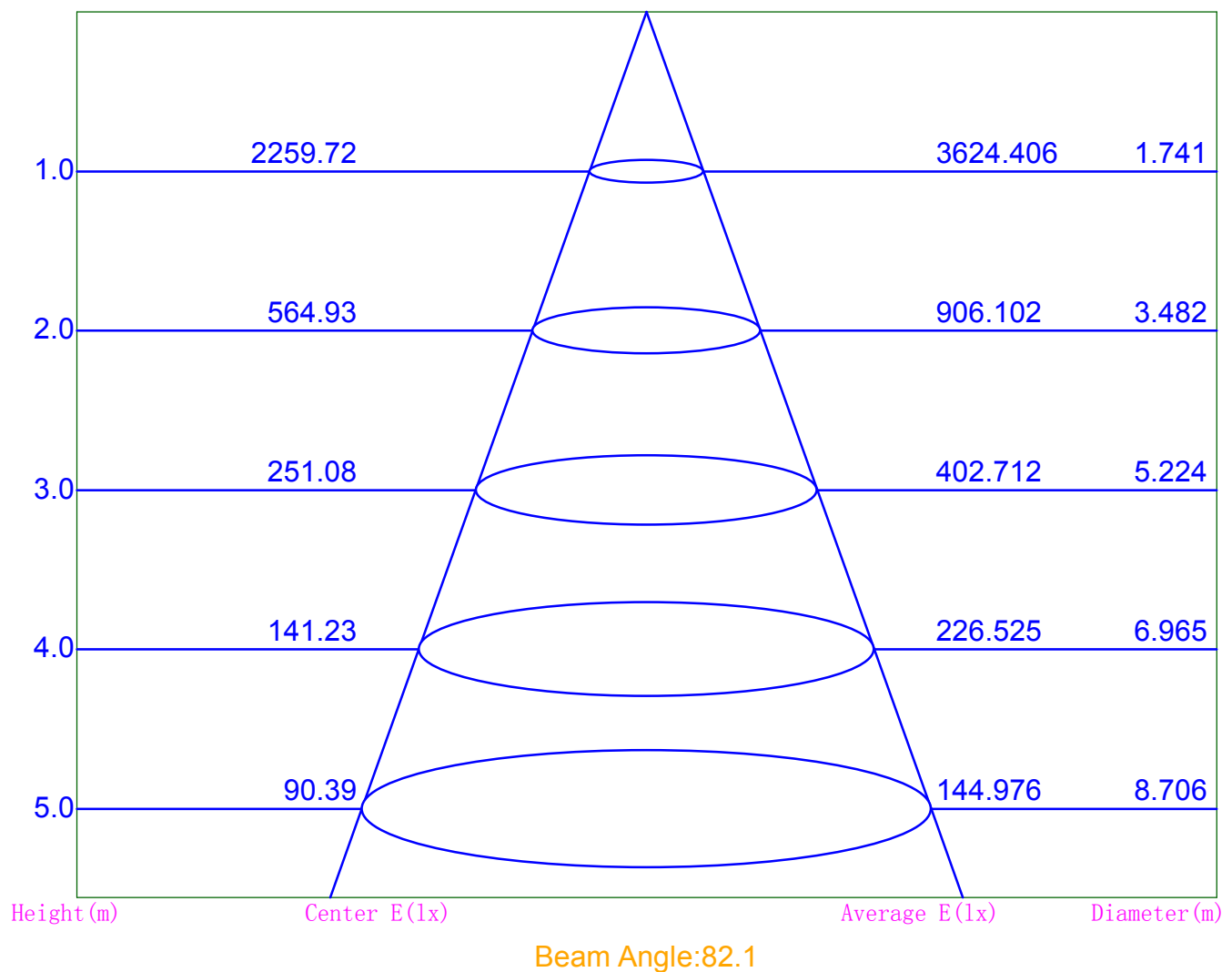
Photometric Filename:60W-HV-480V(12)\_IESNA2002.IES

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## Illuminance-Distance Diagram

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-18
Lamp Name: 65W-HV	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-18 22:50:14

Illuminance-Distance Curve

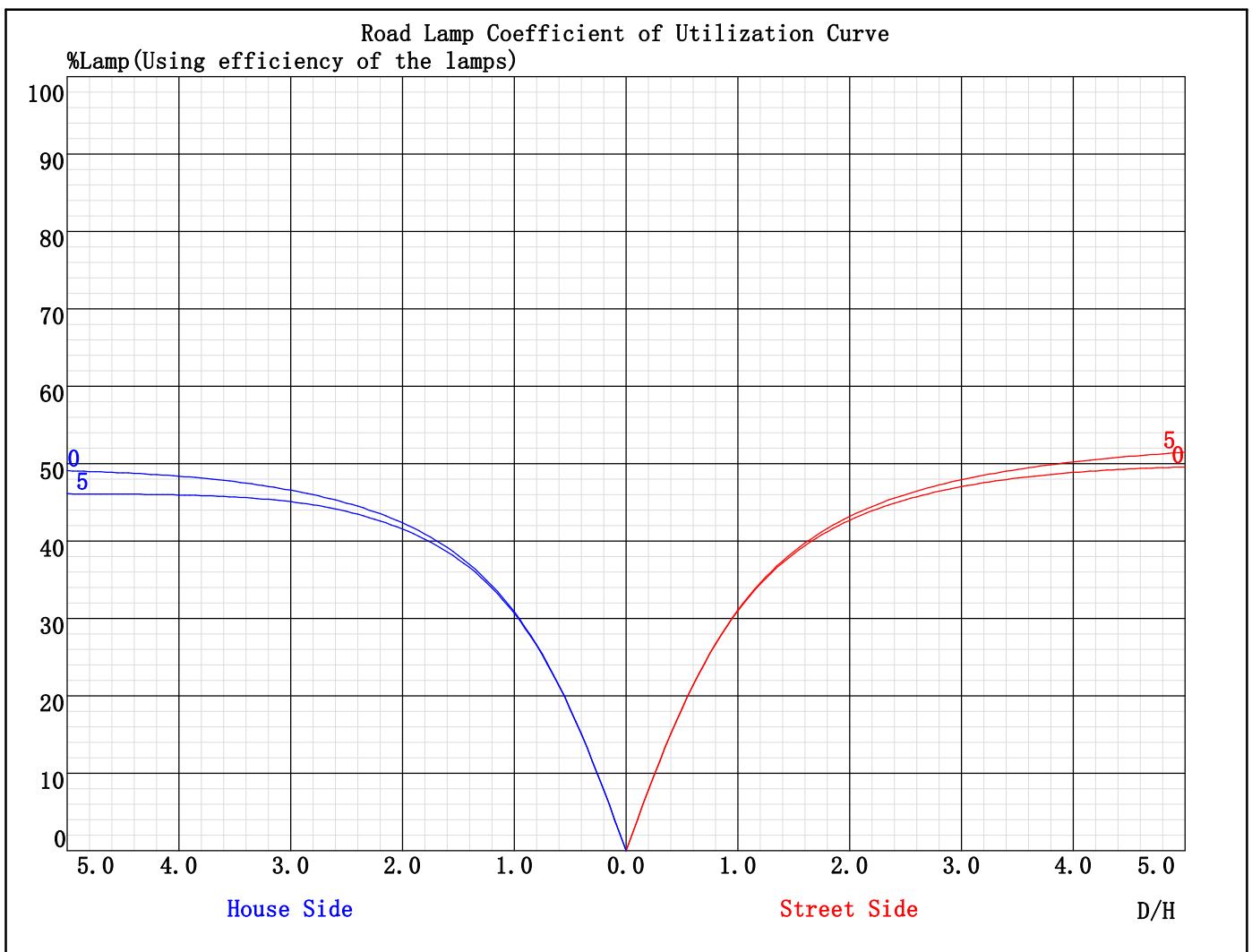


# IES Road Report

Photometric Filename:60W-HV-480V(12)\_IESNA2002.IES

## Road Coefficient of Utilization Curves

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-18
Lamp Name: 65W-HV	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-18 22:50:14



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

# IES Road Report

Photometric Filename:60W-HV-480V(12)\_IESNA2002.IES

## 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
γ 0.0	2259.72	2259.72	2259.72	2259.72	2259.72	2259.72	2259.72	2259.72	2259.72	2259.72	2259.72	2259.72
γ 1.0	2292.48	2290.15	2280.08	2272.73	2262.84	2244.91	2235.43	2229.34	2227.83	2230.56	2238.20	2247.84
γ 2.0	2323.78	2316.26	2300.75	2285.23	2260.76	2231.89	2208.82	2197.24	2191.72	2198.86	2212.57	2234.59
γ 3.0	2355.28	2343.80	2320.92	2296.84	2260.55	2215.86	2182.93	2163.21	2155.62	2165.44	2186.25	2221.59
γ 4.0	2385.13	2368.41	2342.95	2308.78	2258.28	2202.43	2154.74	2130.51	2120.05	2132.89	2158.98	2208.90
γ 5.0	2412.26	2393.62	2362.89	2319.28	2251.88	2183.43	2127.91	2096.29	2083.78	2099.16	2131.03	2193.58
γ 6.0	2437.85	2414.61	2380.67	2329.87	2250.08	2164.37	2102.17	2063.03	2047.57	2066.05	2104.58	2177.74
γ 7.0	2461.69	2434.76	2397.87	2335.79	2244.09	2145.80	2071.85	2026.39	2009.30	2030.12	2077.47	2161.27
γ 8.0	2482.93	2454.60	2414.11	2342.40	2234.28	2128.97	2043.38	1990.31	1970.26	1994.52	2050.95	2143.85
γ 9.0	2506.81	2473.49	2431.20	2350.01	2226.36	2108.14	2016.42	1953.09	1930.81	1955.73	2022.45	2126.17
γ 10.0	2530.06	2492.01	2445.50	2358.04	2223.77	2089.18	1988.46	1912.39	1888.08	1917.16	1993.78	2110.39
γ 11.0	2551.12	2510.43	2461.51	2367.52	2220.59	2070.91	1959.37	1871.73	1844.16	1878.87	1966.33	2095.51
γ 12.0	2572.34	2529.00	2478.54	2378.68	2222.34	2056.64	1929.25	1830.34	1799.88	1837.99	1936.95	2081.46
γ 13.0	2593.53	2548.30	2493.81	2390.11	2221.41	2041.25	1899.25	1789.30	1758.71	1799.10	1909.17	2069.37
γ 14.0	2609.55	2566.35	2508.41	2403.59	2224.00	2027.06	1868.21	1751.15	1719.52	1758.37	1879.50	2056.83
γ 15.0	2625.10	2585.26	2523.67	2415.13	2227.72	2016.50	1838.08	1714.86	1679.59	1720.40	1850.84	2045.59
γ 16.0	2642.10	2602.43	2539.80	2428.19	2236.35	2005.64	1808.20	1679.70	1643.60	1684.89	1822.83	2035.86
γ 17.0	2655.94	2618.70	2554.14	2442.16	2246.50	1995.86	1779.17	1646.87	1611.70	1650.69	1794.00	2026.58
γ 18.0	2667.65	2636.94	2567.53	2456.39	2253.92	1987.78	1750.74	1613.50	1581.90	1616.20	1768.32	2017.79
γ 19.0	2682.22	2652.69	2583.57	2472.06	2266.96	1978.41	1719.53	1584.15	1551.36	1585.11	1743.95	2011.68
γ 20.0	2697.68	2669.16	2598.77	2489.93	2278.14	1971.04	1694.18	1556.32	1521.98	1554.98	1719.84	2006.44
γ 21.0	2714.56	2681.48	2614.89	2506.92	2289.28	1963.01	1669.08	1528.01	1494.43	1527.76	1695.31	2001.91
γ 22.0	2733.86	2693.93	2629.26	2523.84	2300.32	1954.94	1645.11	1501.74	1466.73	1501.74	1671.73	1998.42
γ 23.0	2749.81	2709.60	2642.28	2541.28	2311.87	1945.61	1622.01	1473.29	1437.32	1476.87	1648.83	1994.44
γ 24.0	2764.36	2722.19	2652.78	2561.21	2320.26	1937.67	1600.61	1446.16	1409.25	1453.25	1626.82	1987.98
γ 25.0	2781.31	2738.50	2666.32	2577.13	2331.02	1927.79	1577.66	1420.78	1382.46	1428.65	1603.87	1981.28
γ 26.0	2800.29	2752.33	2677.85	2592.36	2342.47	1921.29	1556.51	1395.76	1357.48	1404.38	1580.03	1973.28
γ 27.0	2813.78	2766.28	2690.24	2609.88	2355.63	1912.97	1536.42	1370.82	1333.40	1379.27	1557.37	1965.89
γ 28.0	2826.06	2776.49	2701.01	2626.20	2370.21	1903.95	1517.02	1343.58	1309.88	1354.68	1536.33	1957.84
γ 29.0	2835.91	2786.52	2712.03	2641.78	2386.37	1892.60	1499.21	1315.11	1287.55	1328.78	1517.99	1950.84
γ 30.0	2844.25	2793.82	2723.46	2658.94	2399.06	1882.60	1482.34	1289.89	1265.11	1303.88	1502.21	1943.88
γ 31.0	2848.16	2795.93	2731.25	2674.62	2412.71	1869.04	1463.90	1265.49	1242.89	1280.74	1485.67	1933.88
γ 32.0	2847.16	2793.26	2738.61	2689.93	2428.05	1855.54	1446.00	1243.83	1221.15	1257.24	1470.72	1923.12
γ 33.0	2840.26	2787.20	2746.86	2702.81	2446.74	1842.99	1429.61	1221.10	1199.81	1234.37	1454.60	1910.67
γ 34.0	2827.40	2781.90	2753.78	2716.10	2458.60	1831.24	1415.12	1200.27	1177.37	1211.71	1439.91	1896.59
γ 35.0	2812.85	2769.77	2761.34	2728.72	2469.46	1818.63	1399.50	1179.62	1154.25	1191.34	1425.08	1885.01
γ 36.0	2797.86	2754.79	2764.71	2742.03	2482.09	1806.58	1382.45	1157.20	1128.73	1171.19	1410.26	1871.00
γ 37.0	2776.99	2741.42	2766.72	2752.82	2493.45	1792.18	1363.80	1134.33	1101.00	1152.02	1394.08	1860.79
γ 38.0	2753.45	2724.64	2764.21	2761.02	2504.46	1781.07	1347.76	1110.60	1069.87	1131.36	1378.09	1850.57
γ 39.0	2728.37	2708.13	2764.99	2769.24	2514.17	1771.02	1330.94	1086.75	1037.97	1109.35	1362.00	1842.94
γ 40.0	2698.67	2693.07	2766.03	2777.22	2518.27	1763.87	1313.39	1061.03	1006.22	1084.03	1346.24	1834.53
γ 41.0	2664.22	2676.44	2764.95	2782.78	2521.29	1758.04	1297.33	1033.66	975.84	1058.88	1331.73	1826.08
γ 42.0	2633.05	2657.34	2760.79	2785.05	2518.39	1753.19	1279.84	1004.23	948.46	1030.81	1315.47	1817.02
γ 43.0	2598.84	2638.51	2757.53	2789.45	2519.70	1744.74	1260.13	976.64	923.37	1000.96	1299.87	1808.37
γ 44.0	2558.85	2620.95	2753.88	2790.63	2518.63	1737.89	1242.89	951.61	899.92	973.22	1282.57	1801.86

# IES Road Report

Photometric Filename:60W-HV-480V(12)\_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	2514.90	2598.79	2753.40	2792.10	2519.45	1731.51	1224.94	927.65	875.60	948.12	1264.55	1795.51
γ 46.0	2469.32	2571.64	2751.73	2794.70	2520.45	1724.20	1208.93	906.23	852.59	924.71	1244.88	1788.71
γ 47.0	2420.27	2541.10	2747.84	2798.26	2522.16	1719.28	1190.92	885.59	831.45	900.58	1227.05	1780.87
γ 48.0	2369.26	2503.07	2745.31	2803.33	2526.02	1714.82	1170.79	864.92	811.84	878.69	1206.85	1774.00
γ 49.0	2313.12	2459.06	2739.72	2807.18	2524.30	1710.75	1149.19	845.27	793.16	857.18	1185.31	1766.36
γ 50.0	2253.53	2408.66	2732.61	2810.04	2519.57	1705.37	1128.30	826.49	773.05	836.91	1163.49	1760.67
γ 51.0	2190.77	2354.31	2722.44	2811.35	2520.19	1697.05	1108.67	809.03	750.49	816.98	1142.51	1754.88
γ 52.0	2125.45	2296.18	2707.99	2812.71	2520.97	1689.89	1089.14	791.24	725.23	798.62	1124.17	1749.55
γ 53.0	2054.77	2241.57	2692.15	2812.15	2515.90	1685.00	1071.24	771.15	701.03	780.35	1104.86	1741.53
γ 54.0	1980.45	2183.86	2668.61	2805.92	2503.60	1675.25	1054.49	747.85	676.18	761.43	1085.72	1735.49
γ 55.0	1896.80	2124.22	2640.77	2791.95	2494.70	1665.37	1037.65	722.48	652.23	740.61	1069.17	1730.04
γ 56.0	1800.64	2064.93	2608.08	2777.77	2481.47	1657.69	1018.40	698.07	628.88	717.98	1052.58	1723.11
γ 57.0	1684.79	2000.67	2570.49	2765.25	2474.07	1651.53	996.85	675.36	606.34	695.68	1037.22	1714.87
γ 58.0	1535.17	1930.12	2531.72	2752.06	2469.17	1642.18	972.20	655.38	585.04	672.07	1019.73	1704.43
γ 59.0	1354.66	1852.64	2488.12	2735.50	2468.84	1627.83	946.68	635.03	551.50	650.19	999.37	1690.98
γ 60.0	1160.66	1756.44	2442.90	2716.36	2464.45	1617.58	922.60	615.01	505.34	630.92	978.13	1676.08
γ 61.0	967.38	1638.97	2392.99	2694.38	2456.10	1609.91	898.93	587.99	439.41	613.36	956.07	1662.95
γ 62.0	782.42	1493.41	2339.95	2671.93	2445.18	1601.58	877.82	558.68	342.91	587.65	932.72	1654.06
γ 63.0	610.71	1328.08	2281.88	2650.47	2429.79	1594.81	857.49	521.34	274.58	556.06	908.73	1650.79
γ 64.0	409.59	1148.03	2220.69	2625.36	2416.29	1587.69	835.48	452.93	241.92	495.91	886.36	1642.16
γ 65.0	264.54	947.46	2156.59	2592.86	2397.60	1576.67	812.69	381.79	222.82	439.38	864.19	1633.62
γ 66.0	170.42	753.57	2090.54	2558.98	2387.64	1566.68	788.19	323.33	180.98	390.14	841.25	1622.83
γ 67.0	131.65	558.72	2013.55	2520.25	2379.27	1557.45	753.72	281.83	140.31	347.38	820.74	1611.37
γ 68.0	108.05	426.68	1924.90	2479.82	2367.66	1547.14	718.64	242.62	125.15	306.61	796.69	1594.21
γ 69.0	91.80	328.63	1820.32	2439.83	2355.80	1531.05	680.32	204.97	111.74	268.56	765.60	1577.83
γ 70.0	83.67	251.84	1694.73	2391.96	2342.80	1516.89	626.70	174.37	97.24	229.38	692.49	1565.80
γ 71.0	77.34	189.29	1522.48	2339.28	2320.81	1503.32	562.01	144.61	82.95	190.09	639.23	1554.95
γ 72.0	71.94	132.55	1344.27	2279.07	2273.21	1489.63	535.47	110.50	72.80	149.77	597.33	1545.91
γ 73.0	66.53	96.14	1124.47	2206.27	2181.03	1471.55	496.61	91.87	62.53	116.95	578.52	1534.42
γ 74.0	61.85	72.64	959.41	2133.00	2027.07	1451.82	449.38	78.15	54.34	96.28	560.13	1522.64
γ 75.0	56.14	60.86	833.84	2051.79	1748.80	1427.43	408.06	66.02	43.59	86.01	535.18	1501.99
γ 76.0	47.44	54.31	697.64	1878.83	1457.36	1353.66	337.66	50.44	36.68	72.35	454.54	1383.58
γ 77.0	41.45	48.82	519.85	1673.80	1189.70	1242.07	290.27	38.11	32.70	57.51	378.03	1285.38
γ 78.0	36.79	43.15	382.89	1443.29	1040.10	1145.40	249.70	31.36	29.09	50.47	315.85	1206.16
γ 79.0	31.59	37.45	237.01	1215.14	872.07	957.53	181.22	27.63	24.68	45.25	208.28	1026.96
γ 80.0	24.96	32.10	117.49	951.91	641.15	659.23	105.70	22.88	18.97	38.89	125.43	758.19
γ 81.0	18.68	24.42	78.68	714.47	489.60	477.26	72.78	17.95	14.31	31.91	94.27	511.72
γ 82.0	10.73	15.99	48.62	513.49	348.67	347.10	49.54	13.52	9.49	24.63	59.93	332.25
γ 83.0	2.84	7.47	29.34	383.05	248.49	208.64	35.62	8.26	4.94	15.82	37.17	211.13
γ 84.0	0.52	1.81	15.94	239.28	145.10	118.82	19.57	3.12	1.88	5.20	20.29	131.36
γ 85.0	0.16	1.08	7.36	141.21	37.32	42.22	7.81	1.37	1.48	3.00	7.83	44.95
γ 86.0	0.10	0.62	3.43	41.37	11.53	13.71	3.70	1.22	1.43	2.70	4.41	10.20
γ 87.0	0.00	0.00	2.56	8.36	5.67	5.76	3.08	1.17	1.32	2.48	3.80	5.97
γ 88.0	0.00	0.00	1.28	4.80	4.72	4.21	2.60	0.95	1.16	1.97	3.33	4.57
γ 89.0	0.00	0.00	0.33	3.43	3.07	2.12	0.20	0.00	0.00	0.30	1.25	2.60

# IES Road Report

Photometric Filename:60W-HV-480V(12)\_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	0.00	0.00	0.16	2.92	2.72	2.02	0.00	0.00	0.00	0.00	0.36	2.55
γ 91.0	0.00	0.00	0.05	2.81	2.67	1.97	0.00	0.00	0.00	0.00	0.46	2.55
γ 92.0	0.00	0.00	0.00	2.61	2.67	2.07	0.00	0.00	0.00	0.00	0.56	2.55
γ 93.0	0.00	0.00	0.00	2.40	2.72	2.07	0.00	0.00	0.00	0.00	0.61	2.60
γ 94.0	0.00	0.00	0.00	2.30	2.67	2.13	0.11	0.00	0.00	0.00	0.76	2.70
γ 95.0	0.00	0.00	0.00	2.14	2.82	2.28	0.25	0.00	0.00	0.00	0.76	2.75
γ 96.0	0.00	0.00	0.00	2.14	2.77	2.38	0.36	0.00	0.00	0.00	1.02	2.86
γ 97.0	0.00	0.00	0.00	2.14	2.87	2.43	0.56	0.00	0.00	0.00	1.17	3.01
γ 98.0	0.00	0.00	0.00	2.14	2.93	2.48	0.86	0.00	0.00	0.00	1.33	3.06
γ 99.0	0.00	0.00	0.00	2.09	3.23	2.48	0.92	0.00	0.00	0.00	1.53	3.12
γ 100.0	0.00	0.00	0.00	2.09	3.38	2.68	1.07	0.00	0.00	0.00	1.68	3.32
γ 101.0	0.00	0.00	0.05	2.09	3.43	2.74	1.33	0.00	0.00	0.00	1.74	3.37
γ 102.0	0.00	0.00	0.15	2.14	3.53	3.04	1.52	0.00	0.00	0.00	1.98	3.47
γ 103.0	0.00	0.00	0.35	2.09	3.68	3.14	1.58	0.00	0.00	0.15	2.04	3.62
γ 104.0	0.00	0.00	0.41	2.24	3.83	3.39	1.73	0.00	0.00	0.26	2.24	3.93
γ 105.0	0.00	0.00	0.51	2.54	3.93	3.44	1.98	0.15	0.00	0.41	2.29	4.03
γ 106.0	0.00	0.00	0.56	2.65	4.08	3.59	2.08	0.31	0.00	0.67	2.54	4.19
γ 107.0	0.00	0.00	0.51	2.70	4.23	3.65	2.14	0.52	0.00	0.82	2.54	4.44
γ 108.0	0.00	0.00	0.51	2.85	4.19	3.95	2.29	0.87	0.00	1.02	2.54	4.54
γ 109.0	0.00	0.00	0.56	2.86	4.28	4.05	2.24	0.92	0.15	1.18	2.59	4.84
γ 110.0	0.00	0.00	0.61	3.11	4.28	4.20	2.29	1.07	0.41	1.28	2.64	4.84
γ 111.0	0.00	0.00	0.66	3.11	4.28	4.40	2.24	1.12	0.57	1.48	2.65	4.84
γ 112.0	0.00	0.00	0.76	3.21	4.28	4.40	2.49	1.18	0.77	1.54	2.85	4.84
γ 113.0	0.00	0.00	0.71	3.21	4.28	4.40	2.45	1.37	0.97	1.73	2.85	4.84
γ 114.0	0.00	0.00	0.81	3.36	4.29	4.45	2.74	1.32	1.12	1.68	3.00	4.79
γ 115.0	0.00	0.00	0.96	3.42	4.33	4.35	2.90	1.37	1.38	1.68	3.10	4.69
γ 116.0	0.00	0.00	1.12	3.47	4.23	4.24	2.90	1.38	1.43	1.74	3.21	4.49
γ 117.0	0.00	0.00	1.17	3.52	4.08	4.14	3.10	1.58	1.64	1.79	3.26	4.49
γ 118.0	0.00	0.00	1.32	3.52	4.08	4.04	3.20	1.69	1.79	1.79	3.26	4.43
γ 119.0	0.00	0.00	1.27	3.57	3.93	3.99	3.15	1.99	1.94	2.15	3.26	4.33
γ 120.0	0.00	0.00	1.27	3.57	3.83	4.04	3.15	2.30	2.10	2.60	3.26	4.08
γ 121.0	0.10	0.25	1.27	3.57	3.78	3.94	3.20	2.70	2.30	2.81	3.31	4.03
γ 122.0	0.25	0.26	1.27	3.57	3.68	3.99	3.10	2.90	2.66	2.91	3.25	4.03
γ 123.0	0.41	0.31	1.27	3.57	3.63	3.94	3.05	3.01	2.96	3.11	3.21	3.93
γ 124.0	0.56	0.56	1.27	3.57	3.63	3.99	3.00	3.11	3.17	3.21	3.26	3.98
γ 125.0	0.56	0.76	1.27	3.57	3.63	3.74	3.00	3.16	3.32	3.37	3.26	3.93
γ 126.0	0.66	0.86	1.27	3.57	3.63	3.79	3.00	3.16	3.33	3.52	3.26	3.93
γ 127.0	0.81	0.97	0.02	3.57	3.63	3.69	3.00	3.31	3.57	3.67	3.36	3.97
γ 128.0	1.17	1.12	1.09	3.57	3.63	3.59	3.00	3.41	3.73	3.68	3.36	3.87
γ 129.0	1.27	1.17	1.22	3.47	3.63	3.44	3.00	3.56	3.93	3.83	3.46	3.67
γ 130.0	1.38	1.27	1.22	3.37	3.63	3.38	3.00	3.62	3.98	4.03	3.41	3.62
γ 131.0	1.58	1.28	1.22	3.17	3.58	3.13	3.00	3.72	3.98	4.13	3.46	3.62
γ 132.0	1.53	1.33	1.22	3.06	3.53	3.13	3.00	3.77	4.13	4.08	3.41	3.62
γ 133.0	1.63	1.43	1.22	2.91	3.53	3.13	3.05	3.72	4.13	4.08	3.20	3.57
γ 134.0	1.68	1.48	1.22	2.86	3.48	3.13	2.95	3.72	4.29	4.08	3.10	3.57

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# IES Road Report

Photometric Filename:60W-HV-480V(12)\_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	1.99	1.68	1.22	2.91	3.38	3.13	2.95	3.77	4.70	4.08	2.95	3.57
γ 136.0	2.19	1.63	1.27	2.86	3.33	3.13	2.79	3.82	4.80	4.08	2.85	3.57
γ 137.0	2.40	1.63	1.32	2.86	3.28	3.13	2.79	3.92	4.90	4.08	2.85	3.57
γ 138.0	2.45	1.68	1.27	2.91	3.33	3.13	2.69	4.02	4.85	4.08	2.75	3.57
γ 139.0	2.35	1.88	1.27	2.81	3.28	3.13	2.64	3.97	4.85	4.08	2.80	3.57
γ 140.0	2.40	1.89	1.27	2.80	3.28	3.13	2.64	3.97	4.85	4.08	2.75	3.57
γ 141.0	2.80	1.89	1.27	2.80	3.28	3.13	2.64	3.97	4.85	4.08	2.85	3.57
γ 142.0	2.96	1.89	1.27	2.75	3.28	3.13	2.64	3.97	4.85	4.08	2.90	3.57
γ 143.0	2.96	1.94	1.27	2.75	3.27	3.13	2.69	3.97	4.85	4.08	3.00	3.57
γ 144.0	3.01	1.94	1.27	2.65	3.07	3.13	2.69	3.97	4.75	4.08	3.10	3.62
γ 145.0	2.96	1.99	1.27	2.55	3.07	3.13	2.80	3.97	4.70	4.08	3.26	3.52
γ 146.0	2.96	1.99	1.27	2.55	3.07	3.13	3.00	3.97	4.70	4.08	3.36	3.47
γ 147.0	2.96	1.99	1.27	2.55	3.07	3.13	3.00	4.12	4.70	4.08	3.51	3.57
γ 148.0	2.96	1.99	1.42	2.55	3.07	3.13	3.00	4.06	4.75	4.08	3.77	3.37
γ 149.0	2.96	1.99	1.53	2.55	3.07	3.13	3.00	3.61	4.64	4.08	3.91	3.16
γ 150.0	2.96	2.04	1.68	2.55	2.97	3.13	3.00	3.61	4.54	4.08	3.87	3.21
γ 151.0	2.96	2.04	1.83	2.60	2.92	3.13	3.00	3.61	4.43	4.08	3.87	3.21
γ 152.0	2.96	2.04	2.03	2.70	2.92	3.13	3.00	3.41	4.08	4.08	3.86	3.06
γ 153.0	2.96	2.14	2.03	2.70	2.82	3.13	3.05	3.41	4.03	4.08	3.81	3.06
γ 154.0	2.96	2.09	2.09	2.70	2.82	3.13	2.95	3.36	3.78	4.03	3.76	3.06
γ 155.0	2.96	2.09	2.14	2.86	2.72	3.13	2.99	3.31	3.67	3.97	3.66	3.06
γ 156.0	2.96	2.09	2.19	2.86	2.62	3.13	2.85	3.26	3.62	3.77	3.66	3.06
γ 157.0	2.96	2.09	2.29	2.86	2.52	3.03	2.85	3.26	3.47	3.72	3.66	3.06
γ 158.0	2.96	2.19	2.34	2.91	2.52	2.93	2.85	3.26	3.27	3.67	3.56	3.06
γ 159.0	2.96	2.19	2.44	2.91	2.52	2.83	2.85	3.26	3.27	3.62	3.41	3.06
γ 160.0	2.96	2.34	2.54	2.91	2.67	2.78	2.85	3.26	3.27	3.62	3.41	3.06
γ 161.0	2.96	2.40	2.59	2.91	2.72	2.68	2.85	3.26	3.27	3.47	3.41	3.06
γ 162.0	2.96	2.40	2.59	2.91	2.93	2.63	2.85	3.26	3.27	3.47	3.31	3.06
γ 163.0	2.96	2.45	2.79	2.91	3.02	2.58	2.85	3.26	3.27	3.42	3.31	3.06
γ 164.0	2.86	2.70	2.85	2.91	3.07	2.58	2.90	3.26	3.27	3.42	3.31	3.06
γ 165.0	2.86	2.75	2.85	2.91	3.03	2.68	2.90	3.26	3.32	3.42	3.31	3.06
γ 166.0	2.86	2.80	2.90	2.91	3.08	2.89	2.95	3.26	3.32	3.47	3.36	3.06
γ 167.0	2.86	2.95	3.00	2.91	3.33	3.14	3.10	3.46	3.48	3.63	3.57	3.32
γ 168.0	3.01	3.36	3.35	2.91	3.38	3.29	3.25	4.03	3.93	3.93	3.87	3.62
γ 169.0	3.27	3.56	3.61	3.01	3.48	3.24	3.46	4.23	4.34	4.24	4.07	4.03
γ 170.0	3.47	3.62	3.76	3.16	3.68	3.64	3.81	4.33	4.49	4.64	4.17	4.03
γ 171.0	3.67	3.62	3.81	3.37	3.78	3.69	3.76	4.33	4.49	4.64	4.17	4.03
γ 172.0	3.93	3.72	3.76	3.32	3.78	3.74	3.76	4.38	4.49	4.64	4.17	4.03
γ 173.0	4.08	3.77	3.81	3.31	3.78	3.74	3.76	4.33	4.44	4.64	4.22	4.03
γ 174.0	4.18	3.82	3.81	3.31	3.78	3.74	3.76	4.22	4.44	4.54	4.17	3.93
γ 175.0	4.34	3.93	3.92	3.31	3.78	3.74	3.76	4.17	4.48	4.54	4.12	3.93
γ 176.0	4.39	4.13	4.02	3.47	3.78	3.79	3.76	3.97	4.03	4.49	3.92	3.88
γ 177.0	4.49	4.23	4.02	3.52	3.78	3.74	3.76	3.82	4.03	4.33	3.97	3.82
γ 178.0	4.44	4.18	4.02	3.52	3.68	3.69	3.76	3.77	3.93	4.23	3.92	3.82
γ 179.0	4.49	4.18	4.02	3.47	3.58	3.54	3.76	3.77	3.93	4.24	3.92	3.83

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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>	4.54	4.54	4.54	4.54	4.54	4.54	4.54	4.54	4.54	4.54	4.54	4.54
V/H	C270.0	C292.5	C315.0	C337.5								
<b>γ 0.0</b>	2259.72	2259.72	2259.72	2259.72								
<b>γ 1.0</b>	2255.74	2271.17	2280.83	2290.24								
<b>γ 2.0</b>	2256.06	2282.40	2299.86	2316.06								
<b>γ 3.0</b>	2252.14	2294.66	2321.08	2339.97								
<b>γ 4.0</b>	2251.79	2303.25	2339.41	2363.23								
<b>γ 5.0</b>	2250.84	2311.54	2356.35	2388.25								
<b>γ 6.0</b>	2248.78	2320.64	2374.79	2411.31								
<b>γ 7.0</b>	2248.01	2329.77	2392.13	2435.22								
<b>γ 8.0</b>	2246.61	2338.39	2409.27	2456.51								
<b>γ 9.0</b>	2246.00	2347.04	2427.10	2476.63								
<b>γ 10.0</b>	2246.19	2355.96	2443.05	2494.39								
<b>γ 11.0</b>	2247.72	2367.12	2460.01	2512.12								
<b>γ 12.0</b>	2247.90	2377.92	2476.45	2529.35								
<b>γ 13.0</b>	2247.26	2392.05	2492.07	2546.96								
<b>γ 14.0</b>	2247.30	2405.68	2508.47	2562.44								
<b>γ 15.0</b>	2249.32	2419.78	2521.87	2578.04								
<b>γ 16.0</b>	2252.44	2434.08	2536.18	2596.28								
<b>γ 17.0</b>	2256.87	2448.47	2549.58	2610.76								
<b>γ 18.0</b>	2264.05	2460.26	2562.73	2621.69								
<b>γ 19.0</b>	2274.83	2472.48	2575.90	2635.70								
<b>γ 20.0</b>	2286.32	2485.40	2589.05	2650.61								
<b>γ 21.0</b>	2298.75	2498.21	2603.43	2663.40								
<b>γ 22.0</b>	2312.18	2511.59	2615.03	2676.82								
<b>γ 23.0</b>	2325.66	2522.61	2628.28	2691.38								
<b>γ 24.0</b>	2338.54	2536.85	2640.90	2708.99								
<b>γ 25.0</b>	2351.92	2551.53	2655.01	2726.45								
<b>γ 26.0</b>	2369.15	2567.17	2664.20	2738.46								
<b>γ 27.0</b>	2386.74	2582.20	2672.65	2747.10								
<b>γ 28.0</b>	2402.14	2596.72	2683.10	2759.26								
<b>γ 29.0</b>	2414.74	2609.73	2687.92	2774.21								
<b>γ 30.0</b>	2429.31	2623.27	2695.71	2781.62								
<b>γ 31.0</b>	2445.33	2632.82	2702.45	2785.80								
<b>γ 32.0</b>	2456.55	2640.70	2710.01	2784.64								
<b>γ 33.0</b>	2467.42	2649.61	2716.70	2779.31								
<b>γ 34.0</b>	2477.75	2658.47	2722.22	2770.38								
<b>γ 35.0</b>	2489.82	2666.42	2724.38	2763.46								
<b>γ 36.0</b>	2498.64	2672.87	2723.02	2751.35								
<b>γ 37.0</b>	2509.51	2678.75	2720.63	2738.49								
<b>γ 38.0</b>	2520.10	2687.76	2713.17	2721.15								
<b>γ 39.0</b>	2529.21	2695.21	2706.30	2699.88								
<b>γ 40.0</b>	2537.81	2704.45	2697.72	2677.82								
<b>γ 41.0</b>	2543.29	2710.52	2691.32	2655.07								
<b>γ 42.0</b>	2547.49	2715.42	2686.19	2630.48								

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 43.0	2547.44	2720.82	2680.67	2604.60
γ 44.0	2545.08	2724.25	2676.24	2577.85
γ 45.0	2542.14	2729.31	2674.08	2547.97
γ 46.0	2539.74	2733.71	2668.74	2513.09
γ 47.0	2539.23	2734.44	2663.32	2474.46
γ 48.0	2539.27	2733.86	2655.47	2429.27
γ 49.0	2539.57	2733.05	2646.52	2378.69
γ 50.0	2540.96	2730.84	2636.78	2324.59
γ 51.0	2538.89	2723.92	2620.01	2272.20
γ 52.0	2537.92	2716.60	2597.18	2214.39
γ 53.0	2534.95	2708.14	2574.24	2153.17
γ 54.0	2532.11	2695.43	2543.73	2094.21
γ 55.0	2525.58	2683.96	2508.23	2032.87
γ 56.0	2513.82	2669.41	2473.02	1972.68
γ 57.0	2502.44	2654.80	2436.85	1905.34
γ 58.0	2492.56	2638.60	2400.79	1829.68
γ 59.0	2482.85	2616.09	2359.79	1735.64
γ 60.0	2472.86	2591.53	2310.90	1615.19
γ 61.0	2460.01	2566.62	2257.29	1467.79
γ 62.0	2450.18	2539.64	2199.43	1298.65
γ 63.0	2441.60	2510.22	2139.34	1116.53
γ 64.0	2435.72	2480.48	2072.89	922.23
γ 65.0	2426.99	2448.12	1994.46	735.07
γ 66.0	2412.51	2417.13	1903.71	542.21
γ 67.0	2399.51	2380.21	1798.54	410.85
γ 68.0	2389.89	2335.88	1673.92	314.31
γ 69.0	2375.12	2287.69	1525.28	237.77
γ 70.0	2366.77	2234.27	1351.15	175.65
γ 71.0	2352.38	2179.85	1168.75	125.42
γ 72.0	2319.13	2125.30	972.60	91.51
γ 73.0	2230.09	2065.31	843.80	73.13
γ 74.0	2062.01	1999.43	736.89	64.69
γ 75.0	1728.01	1921.57	616.64	58.42
γ 76.0	1425.53	1773.85	475.03	52.45
γ 77.0	1157.78	1561.62	379.09	47.18
γ 78.0	1022.71	1319.08	282.86	41.18
γ 79.0	854.80	1117.21	156.69	36.49
γ 80.0	591.41	814.35	75.02	31.04
γ 81.0	410.98	622.26	48.03	21.76
γ 82.0	268.51	457.49	32.77	12.99
γ 83.0	173.52	288.15	21.16	5.25
γ 84.0	86.20	151.45	10.13	1.52
γ 85.0	19.13	72.07	4.19	0.78
γ 86.0	7.88	17.52	3.05	0.42
γ 87.0	5.76	6.06	2.04	0.00

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# IES Road Report

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 88.0	4.76	4.10	0.88	0.00
γ 89.0	3.29	3.07	0.31	0.00
γ 90.0	3.08	2.79	0.15	0.00
γ 91.0	2.88	2.49	0.00	0.00
γ 92.0	2.87	2.38	0.00	0.00
γ 93.0	2.87	2.28	0.00	0.00
γ 94.0	2.87	2.12	0.00	0.00
γ 95.0	2.87	2.12	0.00	0.00
γ 96.0	2.97	2.12	0.00	0.00
γ 97.0	3.02	2.07	0.00	0.00
γ 98.0	3.22	2.07	0.00	0.00
γ 99.0	3.43	2.12	0.00	0.00
γ 100.0	3.53	2.17	0.00	0.00
γ 101.0	3.63	2.12	0.00	0.00
γ 102.0	3.73	2.12	0.00	0.00
γ 103.0	4.08	2.12	0.00	0.00
γ 104.0	4.28	2.17	0.00	0.00
γ 105.0	4.48	2.33	0.30	0.00
γ 106.0	4.88	2.67	0.30	0.00
γ 107.0	4.99	2.73	0.41	0.00
γ 108.0	5.09	2.88	0.41	0.00
γ 109.0	5.19	2.83	0.46	0.00
γ 110.0	5.19	2.98	0.41	0.00
γ 111.0	5.39	3.03	0.46	0.00
γ 112.0	5.34	3.18	0.51	0.00
γ 113.0	5.39	3.23	0.61	0.00
γ 114.0	5.59	3.24	0.86	0.00
γ 115.0	5.59	3.24	0.81	0.00
γ 116.0	5.69	3.29	1.06	0.00
γ 117.0	5.74	3.24	1.27	0.00
γ 118.0	5.75	3.24	1.32	0.00
γ 119.0	5.75	3.24	1.32	0.00
γ 120.0	5.75	3.24	1.32	0.20
γ 121.0	5.75	3.24	1.37	0.20
γ 122.0	5.75	3.24	1.42	0.35
γ 123.0	5.70	3.24	1.37	0.46
γ 124.0	5.54	3.24	1.37	0.46
γ 125.0	5.45	3.24	1.37	0.66
γ 126.0	5.44	3.24	1.37	0.76
γ 127.0	5.44	3.24	1.37	1.01
γ 128.0	5.34	3.24	1.37	1.02
γ 129.0	5.29	3.24	1.37	1.17
γ 130.0	5.29	3.24	1.37	1.22
γ 131.0	4.99	3.04	1.37	1.22
γ 132.0	4.89	2.98	1.42	1.27

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 133.0	4.79	2.93	1.42	1.22
γ 134.0	4.69	2.88	1.42	1.27
γ 135.0	4.49	2.83	1.42	1.63
γ 136.0	4.44	2.78	1.42	1.58
γ 137.0	4.39	2.78	1.42	1.58
γ 138.0	4.29	2.83	1.42	1.58
γ 139.0	4.14	2.73	1.42	1.68
γ 140.0	4.18	2.73	1.42	1.83
γ 141.0	4.09	2.58	1.42	1.93
γ 142.0	3.98	2.38	1.42	1.88
γ 143.0	3.83	2.33	1.42	1.88
γ 144.0	3.78	2.28	1.42	1.88
γ 145.0	3.78	2.17	1.57	1.93
γ 146.0	3.78	2.12	1.73	1.93
γ 147.0	3.73	2.12	1.98	1.93
γ 148.0	3.68	2.12	2.03	1.93
γ 149.0	3.68	2.12	2.03	1.98
γ 150.0	3.48	2.12	2.13	1.94
γ 151.0	3.48	2.12	2.33	2.03
γ 152.0	3.33	2.12	2.49	2.14
γ 153.0	3.28	2.12	2.59	2.14
γ 154.0	2.93	2.12	2.64	2.24
γ 155.0	2.82	2.12	2.74	2.39
γ 156.0	2.67	2.17	2.79	2.34
γ 157.0	2.62	2.42	2.79	2.34
γ 158.0	2.57	2.48	2.84	2.34
γ 159.0	2.62	2.48	2.95	2.39
γ 160.0	2.67	2.57	2.90	2.39
γ 161.0	2.72	2.73	2.90	2.49
γ 162.0	2.72	2.73	2.90	2.60
γ 163.0	2.77	2.68	3.05	2.70
γ 164.0	2.22	2.83	3.20	2.80
γ 165.0	2.22	2.93	3.20	2.90
γ 166.0	2.77	2.88	3.20	2.85
γ 167.0	2.87	2.88	3.50	2.90
γ 168.0	2.92	3.03	3.61	2.90
γ 169.0	3.12	3.08	3.66	3.35
γ 170.0	3.12	3.18	3.76	3.66
γ 171.0	3.12	3.34	3.86	3.77
γ 172.0	3.47	3.53	4.06	3.87
γ 173.0	3.48	3.54	4.16	3.97
γ 174.0	3.53	3.64	4.17	3.92
γ 175.0	3.53	3.64	4.27	3.92
γ 176.0	3.53	3.79	4.37	3.92
γ 177.0	3.53	3.99	4.37	4.02

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
$\gamma$ 178.0	3.53	3.94	4.42	4.02
$\gamma$ 179.0	3.53	3.94	4.27	4.02
$\gamma$ 180.0	4.54	4.54	4.54	4.54

