

### Road Luminaire Photometric Data

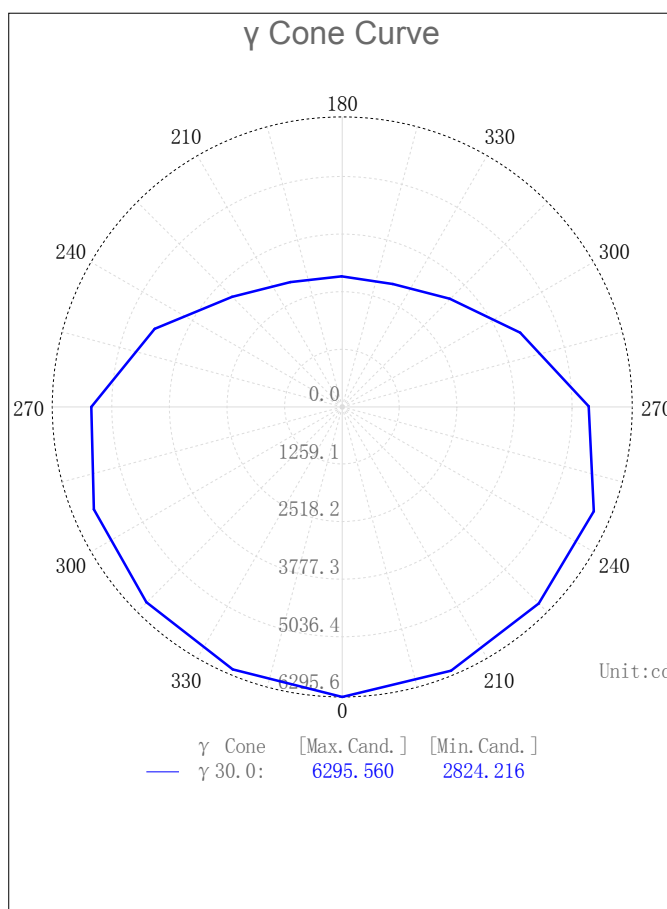
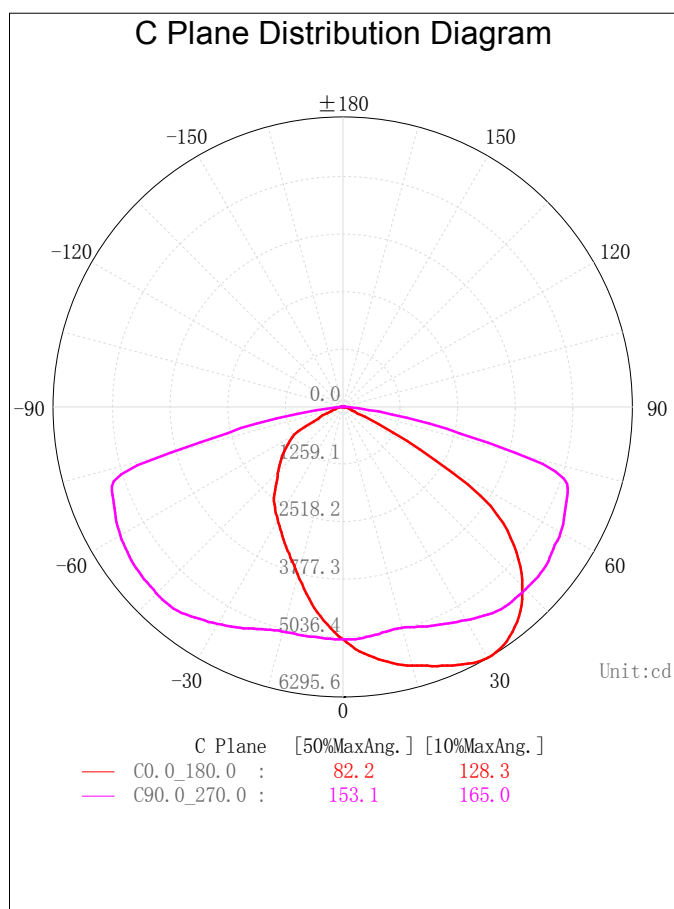
#### Description Information

Luminary Name:	Lum. Catalog:	Test ID: 2017-04-14
Lamp Name: 150W	Lamp Catalog:	Test Date: 2017-04-14 09:38:59
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): 19271.610	Luminary Flux(lm): 19271.610	Down Lumens&Percent: 19229.652lm 99.78%
Rated Power(W):	Luminary Efficiency: 100.00%	Up Lumens&Percent: 41.958lm 0.22%
Rated Voltage(V):	Luminary EER(lm/W): 136.291	76° Flash Area(m2):
Tested Power(W): 141.400	Max. Candela(cd): 6295.560	SLI: 0.000
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=30.0	IES Classification: Type IV
Tested Electrics(V, A, pf):	Half Peak Angle(°): L=-24.0, R=58.1	Longitudinal Classfct: Very Short
Lamp Size(W*L*H):0.000m*0.000m*0.000m	Field Angle(10%Imax): 128.3(°)	Cutoff Classification: Cutoff

#### Lighting Distribution Diagram



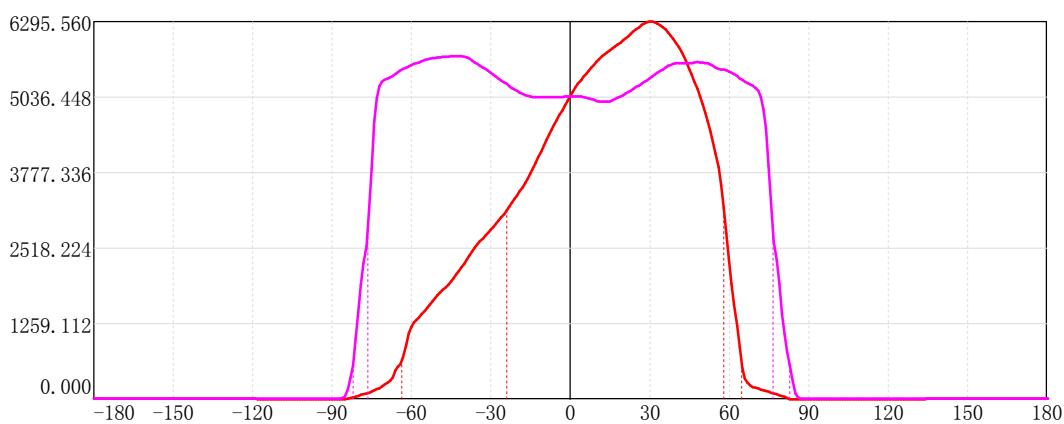
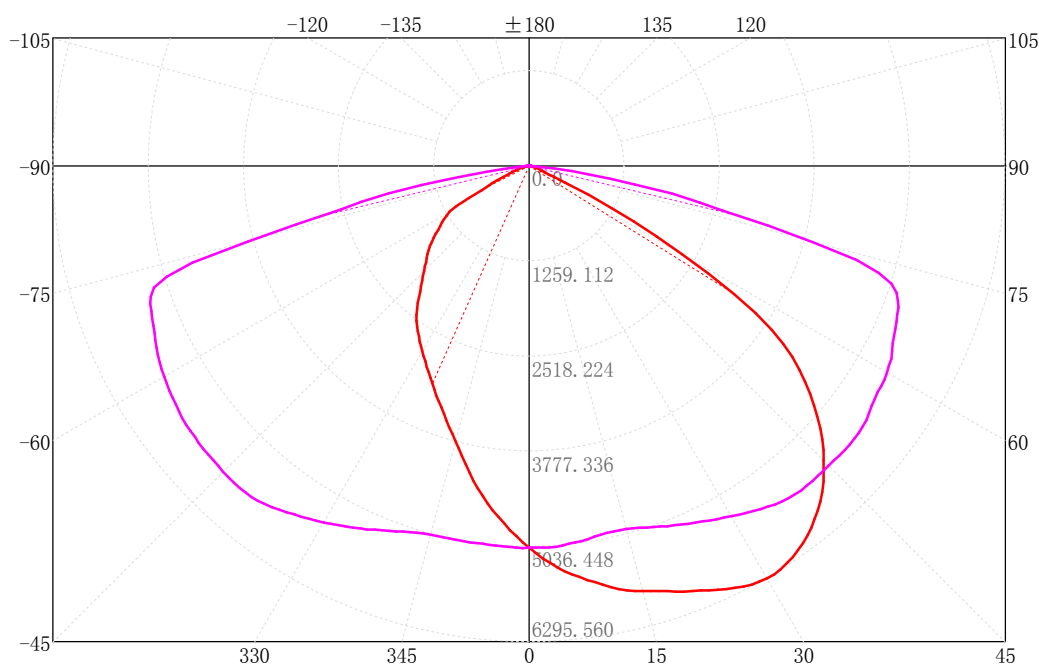
# IES Road Report

Photometric Filename:150W-277V\_IESNA2002.IES

## 2D Plane Light Intensity Distribution Curve

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-14
Lamp Name: 150W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-14 09:38:59

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
C0.0_180.0 :	82.2	128.3
C90.0_270.0 :	153.1	165.0

# IES Road Report

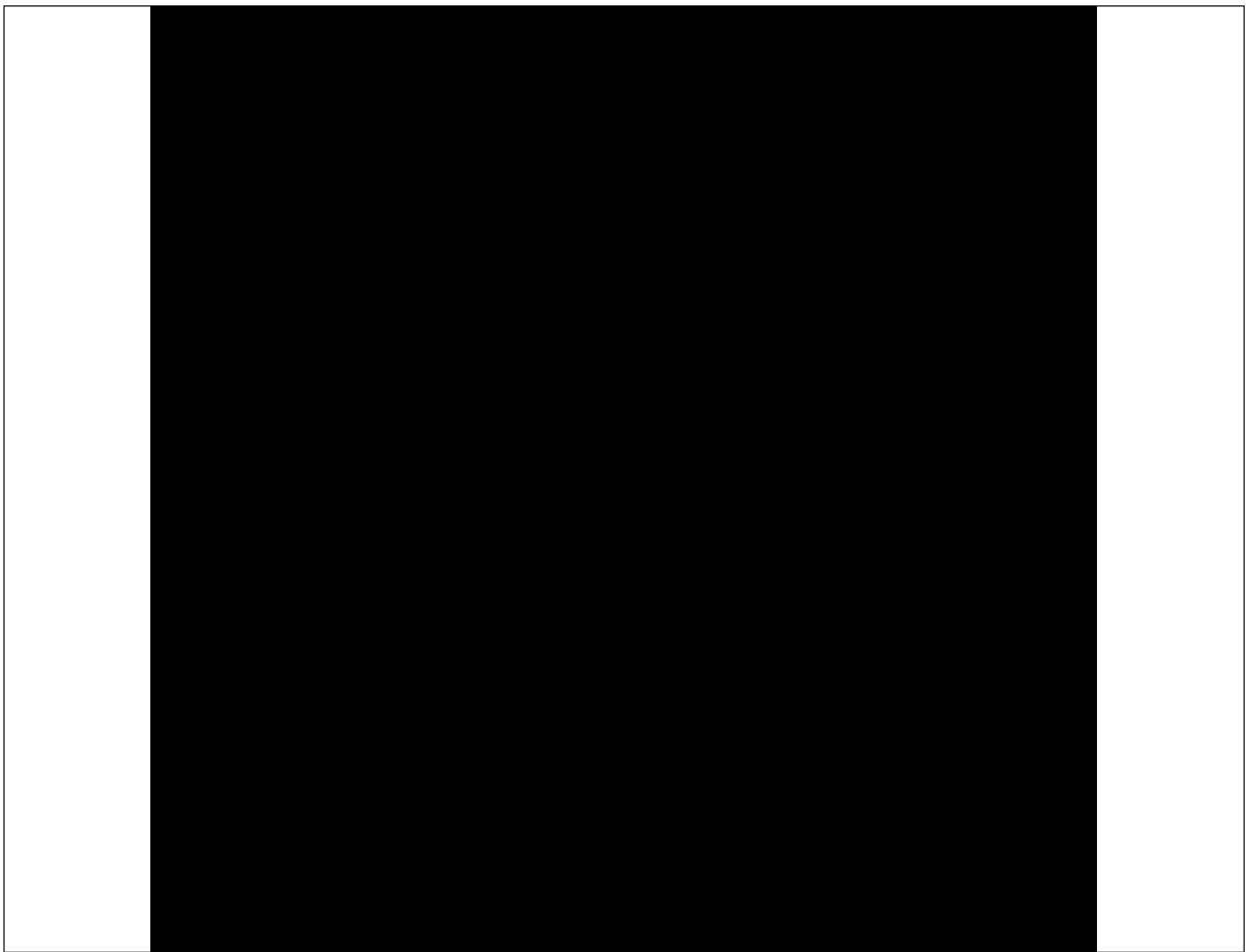
Photometric Filename:150W-277V\_IESNA2002.IES

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## 3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-14
Lamp Name: 150W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-14 09:38:59

## 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:150W-277V\_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	4.83	4.83	0.03	0.03	45.0-46.0	351.59	351.59	1.82	1.82
1.0-2.0	14.48	19.31	0.08	0.10	46.0-47.0	354.95	706.54	1.84	3.67
2.0-3.0	24.11	43.42	0.13	0.23	47.0-48.0	357.95	1064.49	1.86	5.52
3.0-4.0	33.69	77.11	0.17	0.40	48.0-49.0	360.51	1424.99	1.87	7.39
4.0-5.0	43.23	120.33	0.22	0.62	49.0-50.0	362.57	1787.57	1.88	9.28
5.0-6.0	52.70	173.03	0.27	0.90	50.0-51.0	364.19	2151.76	1.89	11.17
6.0-7.0	62.10	235.13	0.32	1.22	51.0-52.0	365.36	2517.11	1.90	13.06
7.0-8.0	71.42	306.55	0.37	1.59	52.0-53.0	366.00	2883.11	1.90	14.96
8.0-9.0	80.65	387.21	0.42	2.01	53.0-54.0	366.05	3249.16	1.90	16.86
9.0-10.0	89.79	477.00	0.47	2.48	54.0-55.0	365.47	3614.64	1.90	18.76
10.0-11.0	98.84	575.84	0.51	2.99	55.0-56.0	364.27	3978.91	1.89	20.65
11.0-12.0	107.82	683.66	0.56	3.55	56.0-57.0	362.38	4341.29	1.88	22.53
12.0-13.0	116.71	800.38	0.61	4.15	57.0-58.0	359.55	4700.84	1.87	24.39
13.0-14.0	125.53	925.91	0.65	4.80	58.0-59.0	355.45	5056.29	1.84	26.24
14.0-15.0	134.28	1060.18	0.70	5.50	59.0-60.0	350.06	5406.35	1.82	28.05
15.0-16.0	142.97	1203.16	0.74	6.24	60.0-61.0	343.46	5749.81	1.78	29.84
16.0-17.0	151.63	1354.79	0.79	7.03	61.0-62.0	335.71	6085.53	1.74	31.58
17.0-18.0	160.28	1515.07	0.83	7.86	62.0-63.0	326.94	6412.47	1.70	33.27
18.0-19.0	168.91	1683.97	0.88	8.74	63.0-64.0	317.27	6729.73	1.65	34.92
19.0-20.0	177.52	1861.50	0.92	9.66	64.0-65.0	307.05	7036.78	1.59	36.51
20.0-21.0	186.11	2047.60	0.97	10.62	65.0-66.0	296.91	7333.69	1.54	38.05
21.0-22.0	194.67	2242.27	1.01	11.64	66.0-67.0	287.11	7620.80	1.49	39.54
22.0-23.0	203.20	2445.47	1.05	12.69	67.0-68.0	277.55	7898.35	1.44	40.98
23.0-24.0	211.68	2657.15	1.10	13.79	68.0-69.0	268.78	8167.14	1.39	42.38
24.0-25.0	220.07	2877.22	1.14	14.93	69.0-70.0	260.23	8427.37	1.35	43.73
25.0-26.0	228.36	3105.58	1.18	16.11	70.0-71.0	250.78	8678.15	1.30	45.03
26.0-27.0	236.58	3342.16	1.23	17.34	71.0-72.0	240.62	8918.78	1.25	46.28
27.0-28.0	244.69	3586.85	1.27	18.61	72.0-73.0	230.00	9148.78	1.19	47.47
28.0-29.0	252.66	3839.51	1.31	19.92	73.0-74.0	218.13	9366.91	1.13	48.60
29.0-30.0	260.47	4099.98	1.35	21.27	74.0-75.0	202.92	9569.83	1.05	49.66
30.0-31.0	268.10	4368.08	1.39	22.67	75.0-76.0	182.97	9752.81	0.95	50.61
31.0-32.0	275.52	4643.60	1.43	24.10	76.0-77.0	159.73	9912.53	0.83	51.44
32.0-33.0	282.67	4926.27	1.47	25.56	77.0-78.0	137.79	10050.32	0.71	52.15
33.0-34.0	289.61	5215.88	1.50	27.07	78.0-79.0	116.62	10166.94	0.61	52.76
34.0-35.0	296.39	5512.27	1.54	28.60	79.0-80.0	91.71	10258.65	0.48	53.23
35.0-36.0	302.90	5815.17	1.57	30.17	80.0-81.0	67.99	10326.64	0.35	53.58
36.0-37.0	309.08	6124.26	1.60	31.78	81.0-82.0	48.89	10375.53	0.25	53.84
37.0-38.0	314.98	6439.23	1.63	33.41	82.0-83.0	32.74	10408.27	0.17	54.01
38.0-39.0	320.55	6759.79	1.66	35.08	83.0-84.0	20.22	10428.49	0.10	54.11
39.0-40.0	325.83	7085.61	1.69	36.77	84.0-85.0	10.46	10438.95	0.05	54.17
40.0-41.0	330.77	7416.39	1.72	38.48	85.0-86.0	4.03	10442.97	0.02	54.19
41.0-42.0	335.41	7751.80	1.74	40.22	86.0-87.0	1.45	10444.42	0.01	54.20
42.0-43.0	339.79	8091.58	1.76	41.99	87.0-88.0	0.82	10445.24	0.00	54.20
43.0-44.0	343.95	8435.54	1.78	43.77	88.0-89.0	0.57	10445.81	0.00	54.20
44.0-45.0	347.91	8783.44	1.81	45.58	89.0-90.0	0.40	10446.21	0.00	54.21

# IES Road Report

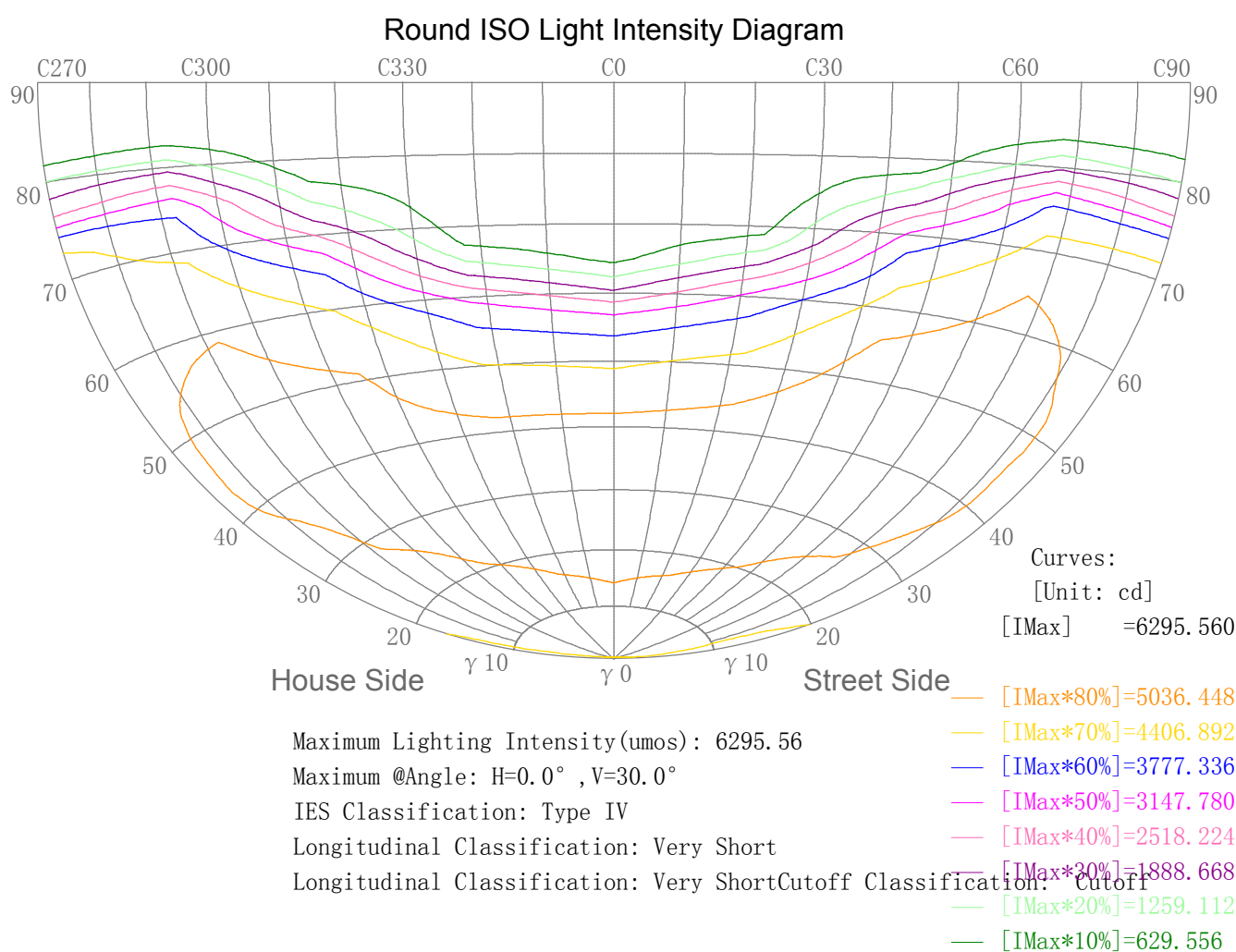
Photometric Filename:150W-277V\_IESNA2002.IES

## 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	0.37	0.37	0.00	0.00	135.0-136.0	0.63	0.63	0.00	0.00
91.0-92.0	0.36	0.73	0.00	0.00	136.0-137.0	0.61	1.24	0.00	0.01
92.0-93.0	0.36	1.08	0.00	0.01	137.0-138.0	0.60	1.84	0.00	0.01
93.0-94.0	0.36	1.45	0.00	0.01	138.0-139.0	0.59	2.43	0.00	0.01
94.0-95.0	0.37	1.81	0.00	0.01	139.0-140.0	0.58	3.01	0.00	0.02
95.0-96.0	0.37	2.19	0.00	0.01	140.0-141.0	0.57	3.58	0.00	0.02
96.0-97.0	0.38	2.57	0.00	0.01	141.0-142.0	0.56	4.13	0.00	0.02
97.0-98.0	0.39	2.96	0.00	0.02	142.0-143.0	0.54	4.68	0.00	0.02
98.0-99.0	0.40	3.37	0.00	0.02	143.0-144.0	0.53	5.21	0.00	0.03
99.0-100.0	0.42	3.79	0.00	0.02	144.0-145.0	0.52	5.73	0.00	0.03
100.0-101.0	0.44	4.22	0.00	0.02	145.0-146.0	0.51	6.24	0.00	0.03
101.0-102.0	0.45	4.67	0.00	0.02	146.0-147.0	0.50	6.74	0.00	0.03
102.0-103.0	0.47	5.15	0.00	0.03	147.0-148.0	0.49	7.24	0.00	0.04
103.0-104.0	0.50	5.65	0.00	0.03	148.0-149.0	0.48	7.72	0.00	0.04
104.0-105.0	0.52	6.17	0.00	0.03	149.0-150.0	0.47	8.20	0.00	0.04
105.0-106.0	0.55	6.72	0.00	0.03	150.0-151.0	0.46	8.66	0.00	0.04
106.0-107.0	0.57	7.29	0.00	0.04	151.0-152.0	0.45	9.10	0.00	0.05
107.0-108.0	0.60	7.89	0.00	0.04	152.0-153.0	0.43	9.54	0.00	0.05
108.0-109.0	0.62	8.50	0.00	0.04	153.0-154.0	0.42	9.95	0.00	0.05
109.0-110.0	0.64	9.14	0.00	0.05	154.0-155.0	0.40	10.35	0.00	0.05
110.0-111.0	0.65	9.80	0.00	0.05	155.0-156.0	0.38	10.73	0.00	0.06
111.0-112.0	0.67	10.46	0.00	0.05	156.0-157.0	0.36	11.09	0.00	0.06
112.0-113.0	0.68	11.14	0.00	0.06	157.0-158.0	0.34	11.44	0.00	0.06
113.0-114.0	0.68	11.82	0.00	0.06	158.0-159.0	0.33	11.76	0.00	0.06
114.0-115.0	0.69	12.51	0.00	0.06	159.0-160.0	0.31	12.07	0.00	0.06
115.0-116.0	0.69	13.20	0.00	0.07	160.0-161.0	0.30	12.37	0.00	0.06
116.0-117.0	0.69	13.89	0.00	0.07	161.0-162.0	0.28	12.65	0.00	0.07
117.0-118.0	0.69	14.58	0.00	0.08	162.0-163.0	0.27	12.92	0.00	0.07
118.0-119.0	0.69	15.28	0.00	0.08	163.0-164.0	0.25	13.18	0.00	0.07
119.0-120.0	0.70	15.98	0.00	0.08	164.0-165.0	0.24	13.42	0.00	0.07
120.0-121.0	0.72	16.70	0.00	0.09	165.0-166.0	0.23	13.64	0.00	0.07
121.0-122.0	0.72	17.42	0.00	0.09	166.0-167.0	0.22	13.86	0.00	0.07
122.0-123.0	0.72	18.15	0.00	0.09	167.0-168.0	0.21	14.07	0.00	0.07
123.0-124.0	0.72	18.87	0.00	0.10	168.0-169.0	0.20	14.27	0.00	0.07
124.0-125.0	0.73	19.60	0.00	0.10	169.0-170.0	0.20	14.47	0.00	0.08
125.0-126.0	0.72	20.32	0.00	0.11	170.0-171.0	0.18	14.65	0.00	0.08
126.0-127.0	0.72	21.04	0.00	0.11	171.0-172.0	0.17	14.82	0.00	0.08
127.0-128.0	0.72	21.76	0.00	0.11	172.0-173.0	0.15	14.97	0.00	0.08
128.0-129.0	0.71	22.47	0.00	0.12	173.0-174.0	0.13	15.10	0.00	0.08
129.0-130.0	0.70	23.17	0.00	0.12	174.0-175.0	0.11	15.21	0.00	0.08
130.0-131.0	0.69	23.86	0.00	0.12	175.0-176.0	0.09	15.30	0.00	0.08
131.0-132.0	0.68	24.54	0.00	0.13	176.0-177.0	0.07	15.37	0.00	0.08
132.0-133.0	0.66	25.20	0.00	0.13	177.0-178.0	0.05	15.42	0.00	0.08
133.0-134.0	0.65	25.85	0.00	0.13	178.0-179.0	0.03	15.45	0.00	0.08
134.0-135.0	0.64	26.49	0.00	0.14	179.0-180.0	0.01	15.46	0.00	0.08

### Round ISO Lighting Intensity Diagram

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-14
Lamp Name: 150W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-14 09:38:59



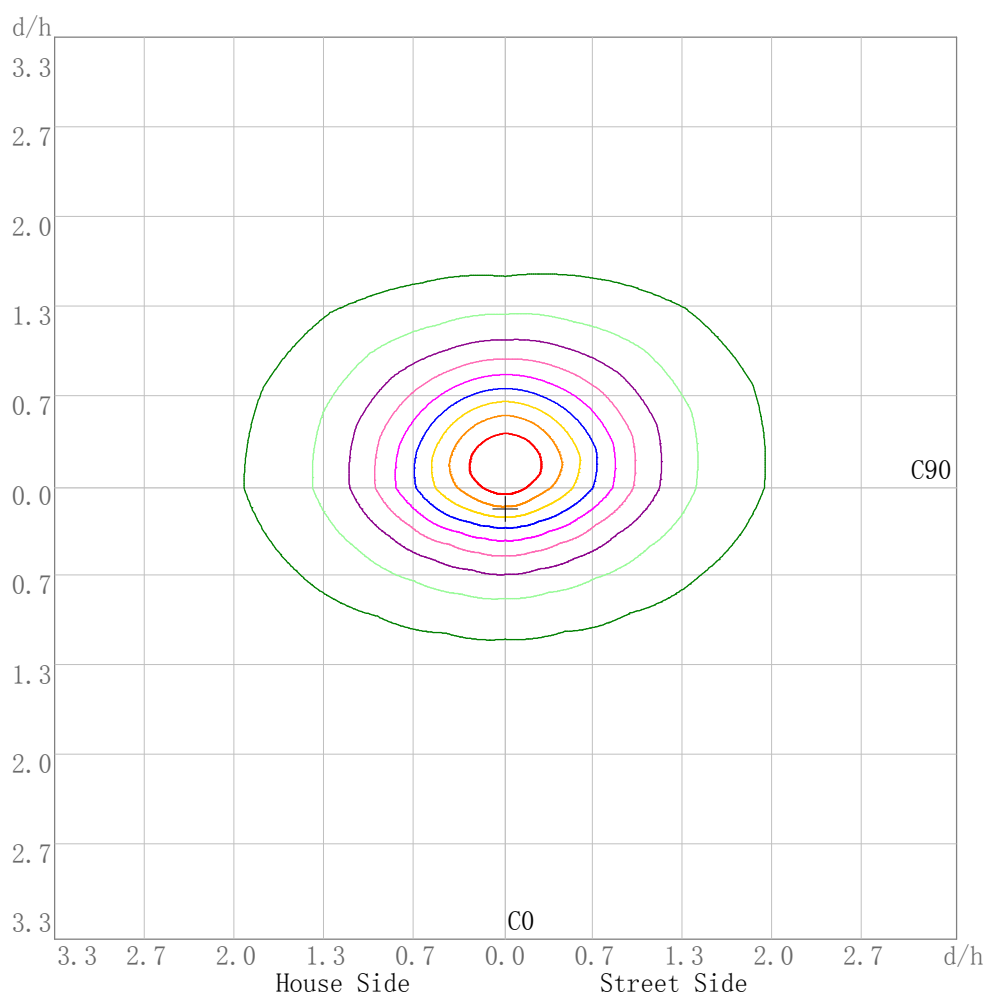
# IES Road Report

Photometric Filename:150W-277V\_IESNA2002.IES

## Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-14
Lamp Name: 150W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-14 09:38:59

### Plane ISO-Illuminance Curve



- Curves:  
unit:lx  
[EMax] =518.664  
— [EMax\*90%]=466.797  
— [EMax\*80%]=414.931  
— [EMax\*70%]=363.065  
— [EMax\*60%]=311.198  
— [EMax\*50%]=259.332  
— [EMax\*40%]=207.466  
— [EMax\*30%]=155.599  
— [EMax\*20%]=103.733  
— [EMax\*10%]=51.866

Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 518.66  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.2

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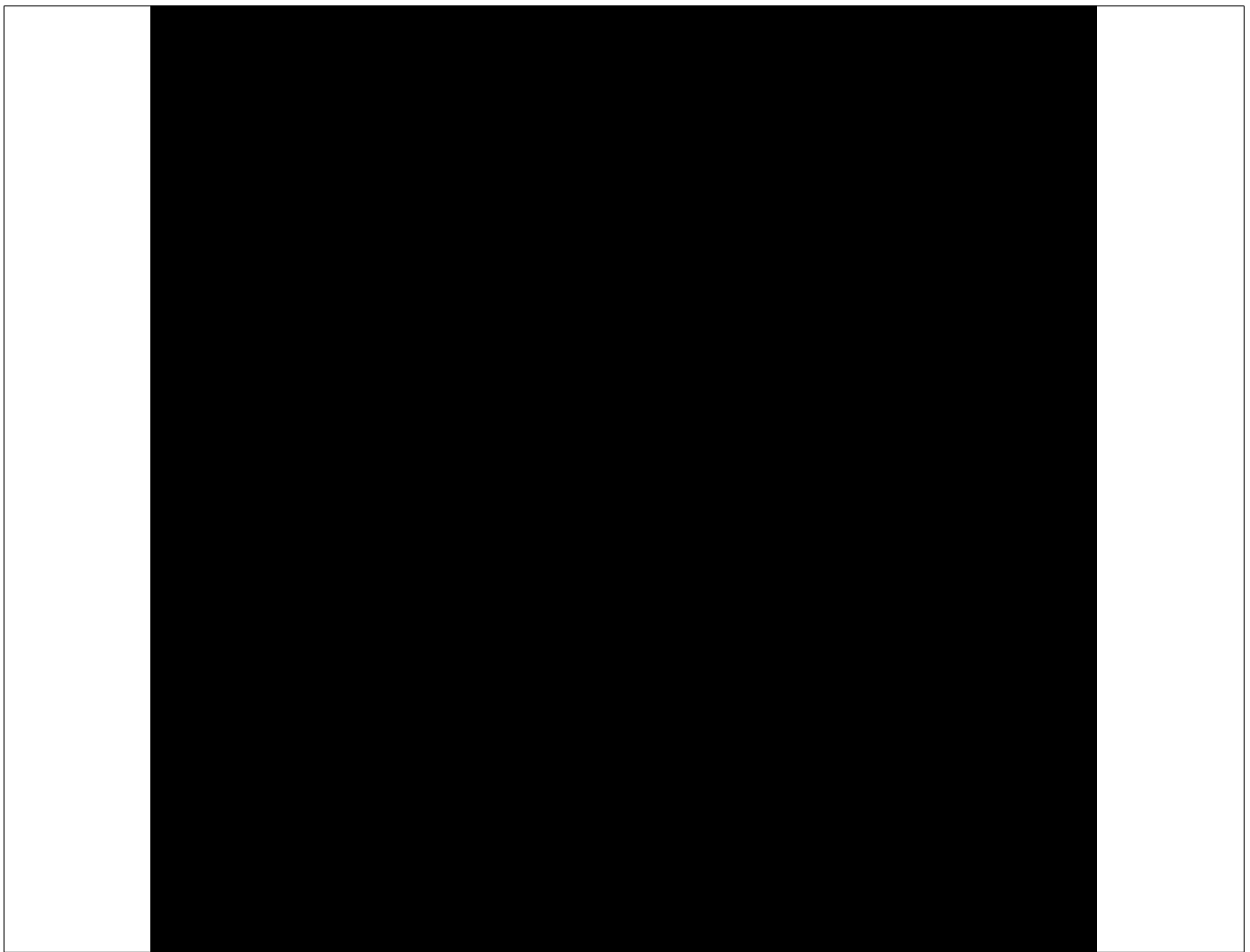
Photometric Filename:150W-277V\_IESNA2002.IES

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## 3D Plane ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-14
Lamp Name: 150W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-14 09:38:59

### 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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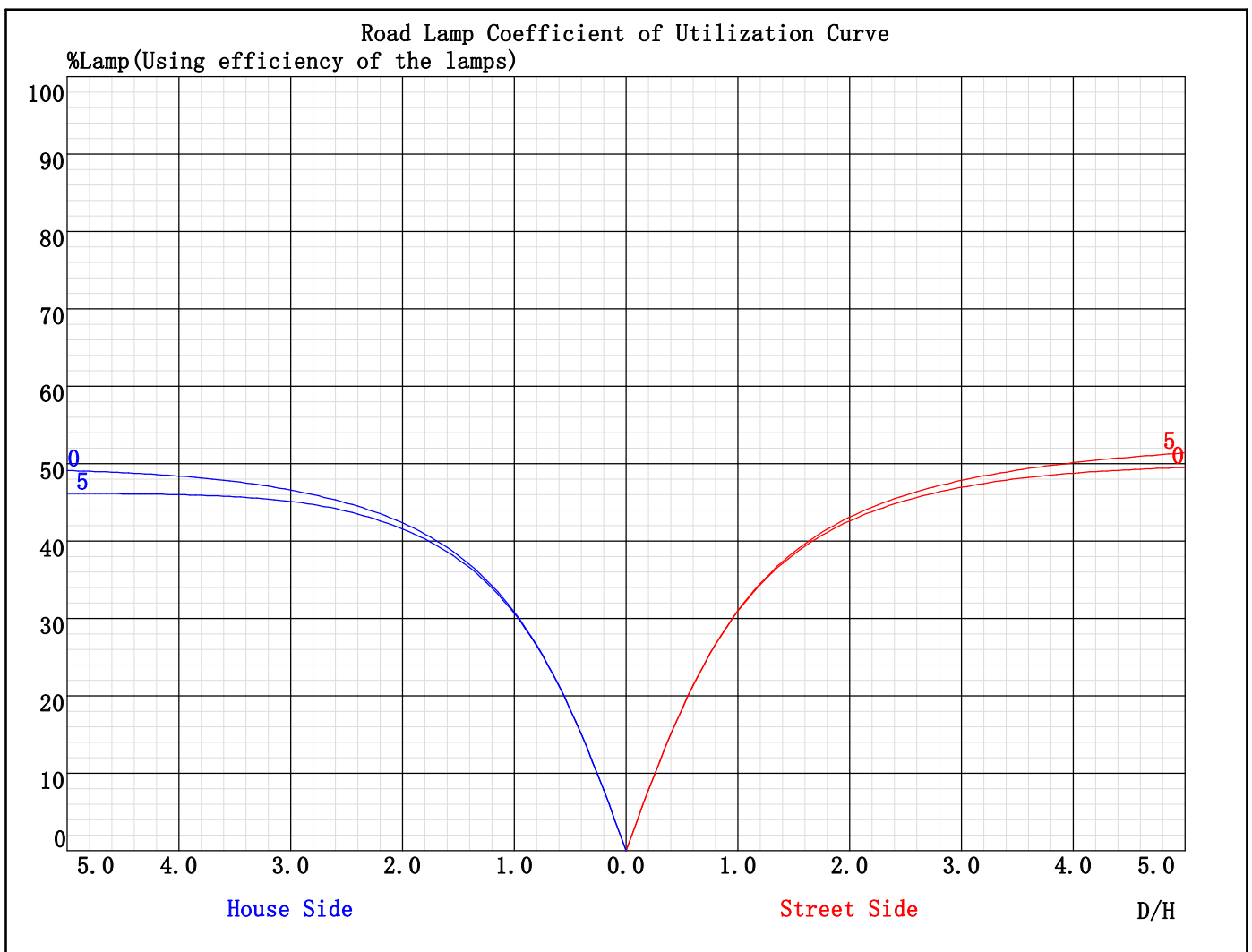


# IES Road Report

Photometric Filename:150W-277V\_IESNA2002.IES

## Road Coefficient of Utilization Curves

Lum. Name:	Lum. Catalog:	Test ID: 2017-04-14
Lamp Name: 150W	Lamp Catalog:	Test Lab: EVERFINE
Manufacture: xinfang	Test Machine:GON-2000	Test Date: 2017-04-14 09:38:59



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

# IES Road Report

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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	5046.63	5046.63	5046.63	5046.63	5046.63	5046.63	5046.63	5046.63	5046.63	5046.63	5046.63	5046.63
$\gamma$ 1.0	5120.42	5109.42	5094.43	5073.66	5046.02	5020.04	4996.82	4980.66	4972.68	4981.10	4995.44	5021.60
$\gamma$ 2.0	5191.27	5168.94	5138.22	5102.72	5049.24	4988.95	4942.23	4908.95	4895.23	4911.35	4940.80	4997.38
$\gamma$ 3.0	5256.72	5224.33	5180.55	5130.74	5051.58	4954.57	4883.00	4838.12	4817.46	4841.57	4885.91	4969.18
$\gamma$ 4.0	5317.22	5278.53	5219.15	5154.74	5045.92	4916.65	4821.05	4765.53	4735.21	4767.97	4829.44	4938.33
$\gamma$ 5.0	5372.74	5328.50	5262.41	5175.22	5033.09	4878.10	4760.39	4690.46	4656.87	4693.43	4771.90	4904.61
$\gamma$ 6.0	5425.31	5374.01	5305.78	5196.37	5020.46	4839.05	4698.30	4611.73	4576.95	4618.80	4715.39	4870.51
$\gamma$ 7.0	5477.04	5416.17	5342.83	5214.93	5011.73	4796.87	4634.64	4530.62	4493.41	4542.66	4656.53	4835.99
$\gamma$ 8.0	5526.00	5459.39	5376.53	5230.10	5004.01	4750.77	4570.33	4451.97	4407.71	4463.31	4592.72	4800.41
$\gamma$ 9.0	5571.43	5502.73	5413.22	5246.20	4991.71	4705.36	4506.68	4374.06	4317.35	4380.55	4530.91	4763.61
$\gamma$ 10.0	5618.24	5541.88	5448.34	5262.07	4975.34	4662.21	4444.14	4292.28	4227.25	4297.16	4466.47	4728.87
$\gamma$ 11.0	5667.96	5582.84	5480.62	5282.56	4964.91	4622.29	4379.68	4207.31	4129.78	4212.79	4403.45	4696.39
$\gamma$ 12.0	5715.40	5626.24	5516.06	5304.82	4959.25	4582.78	4317.17	4114.11	4031.53	4122.97	4341.48	4667.21
$\gamma$ 13.0	5755.36	5668.07	5551.25	5331.06	4958.02	4546.80	4250.57	4023.15	3938.24	4034.52	4277.21	4635.32
$\gamma$ 14.0	5786.86	5707.14	5585.80	5358.53	4958.21	4517.83	4184.75	3932.13	3848.93	3946.05	4215.89	4605.96
$\gamma$ 15.0	5816.09	5745.42	5621.40	5384.71	4964.41	4491.93	4114.62	3850.20	3763.21	3864.32	4153.81	4579.20
$\gamma$ 16.0	5846.16	5783.04	5653.11	5409.96	4981.08	4466.98	4047.90	3773.05	3682.18	3781.83	4093.21	4556.59
$\gamma$ 17.0	5875.14	5820.43	5684.17	5440.97	5003.53	4443.96	3980.17	3696.73	3607.24	3702.45	4035.00	4535.94
$\gamma$ 18.0	5906.61	5857.64	5717.06	5475.22	5027.79	4424.64	3912.78	3620.07	3537.22	3628.26	3976.81	4519.06
$\gamma$ 19.0	5947.31	5894.66	5750.75	5506.45	5047.73	4409.32	3847.27	3551.80	3467.19	3558.97	3919.50	4510.68
$\gamma$ 20.0	5987.50	5928.49	5783.05	5541.95	5072.26	4392.62	3786.75	3483.52	3397.19	3489.69	3866.42	4503.55
$\gamma$ 21.0	6021.64	5961.21	5815.57	5577.14	5100.73	4375.77	3730.02	3415.37	3335.52	3420.58	3811.97	4496.62
$\gamma$ 22.0	6055.13	5993.63	5844.83	5613.53	5121.82	4357.92	3678.19	3358.15	3277.68	3362.85	3757.51	4487.67
$\gamma$ 23.0	6093.93	6024.62	5872.60	5648.33	5146.84	4339.21	3625.51	3297.00	3212.28	3308.26	3705.93	4481.35
$\gamma$ 24.0	6131.40	6055.49	5896.59	5686.43	5176.30	4318.62	3577.73	3234.29	3150.62	3253.02	3657.56	4473.55
$\gamma$ 25.0	6167.31	6089.32	5921.35	5724.49	5202.42	4295.71	3527.25	3176.24	3089.05	3199.13	3608.63	4463.20
$\gamma$ 26.0	6203.44	6121.07	5949.54	5759.42	5226.74	4275.83	3476.76	3119.26	3033.56	3145.73	3557.78	4452.46
$\gamma$ 27.0	6238.14	6147.59	5974.77	5800.02	5261.11	4255.97	3426.40	3060.29	2979.18	3090.46	3506.93	4433.71
$\gamma$ 28.0	6265.21	6172.28	6000.00	5841.77	5289.29	4235.83	3381.57	2999.97	2924.93	3035.16	3456.15	4417.41
$\gamma$ 29.0	6282.94	6188.70	6024.09	5877.66	5316.13	4213.58	3341.87	2942.53	2874.10	2977.98	3412.54	4405.79
$\gamma$ 30.0	6295.56	6196.43	6043.93	5915.48	5345.12	4189.78	3300.48	2884.57	2824.22	2920.78	3373.66	4392.70
$\gamma$ 31.0	6295.30	6196.43	6066.25	5949.63	5377.33	4164.94	3260.65	2831.93	2774.94	2864.82	3338.94	4377.02
$\gamma$ 32.0	6282.04	6189.48	6083.88	5978.41	5408.61	4134.17	3220.49	2778.95	2729.20	2812.27	3302.83	4354.97
$\gamma$ 33.0	6259.53	6178.14	6102.26	6008.21	5439.84	4101.68	3182.96	2727.09	2679.89	2764.16	3267.87	4325.96
$\gamma$ 34.0	6231.99	6157.78	6114.56	6039.13	5471.11	4071.15	3148.54	2677.94	2630.57	2716.08	3235.51	4298.85
$\gamma$ 35.0	6202.97	6129.75	6127.02	6065.41	5500.59	4044.17	3111.89	2630.64	2585.29	2674.13	3204.56	4269.70
$\gamma$ 36.0	6163.49	6100.70	6131.94	6093.08	5527.93	4016.74	3077.03	2581.86	2530.02	2631.87	3172.27	4241.38
$\gamma$ 37.0	6113.40	6069.01	6136.98	6119.14	5556.55	3988.61	3038.79	2534.69	2469.83	2589.40	3137.60	4212.99
$\gamma$ 38.0	6062.81	6036.13	6142.66	6141.33	5571.45	3963.13	2998.76	2485.30	2403.89	2544.78	3100.73	4187.86
$\gamma$ 39.0	6003.57	6003.34	6147.82	6156.38	5586.76	3940.18	2958.63	2432.18	2333.46	2500.15	3066.07	4167.25
$\gamma$ 40.0	5940.85	5968.66	6147.27	6172.98	5599.30	3920.86	2919.78	2373.51	2263.08	2447.97	3030.96	4145.81
$\gamma$ 41.0	5872.37	5929.83	6142.82	6181.23	5599.87	3903.78	2882.43	2313.37	2196.20	2389.14	2997.36	4126.60
$\gamma$ 42.0	5794.99	5888.71	6136.49	6190.98	5598.03	3888.77	2843.23	2249.72	2135.61	2321.98	2964.90	4108.46
$\gamma$ 43.0	5704.84	5853.20	6129.57	6194.82	5598.03	3870.66	2802.57	2184.85	2075.49	2253.34	2930.04	4096.46
$\gamma$ 44.0	5608.79	5805.66	6124.42	6201.18	5599.30	3854.04	2764.70	2128.90	2021.46	2195.53	2896.32	4081.65

# IES Road Report

Photometric Filename:150W-277V\_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	5510.46	5750.87	6121.78	6203.85	5599.94	3839.97	2729.41	2076.54	1965.81	2140.55	2862.84	4068.63
γ 46.0	5406.52	5685.75	6120.48	6210.69	5600.58	3826.34	2692.32	2028.88	1914.12	2089.00	2827.08	4053.60
γ 47.0	5297.26	5606.86	6113.55	6220.37	5608.96	3817.21	2651.90	1981.73	1867.51	2039.00	2784.75	4036.11
γ 48.0	5178.66	5520.00	6102.93	6231.03	5618.81	3802.57	2605.87	1936.38	1822.89	1991.87	2739.16	4021.86
γ 49.0	5048.05	5418.40	6090.10	6243.92	5614.44	3789.42	2557.76	1891.86	1779.88	1941.82	2690.84	4006.89
γ 50.0	4919.07	5297.97	6074.92	6251.04	5609.99	3774.76	2507.62	1849.22	1735.87	1893.84	2643.03	3998.99
γ 51.0	4784.16	5175.94	6048.45	6254.91	5606.86	3761.71	2461.03	1807.35	1686.87	1846.13	2600.93	3985.19
γ 52.0	4626.78	5053.73	6016.09	6257.55	5598.37	3747.52	2416.72	1766.70	1634.43	1802.18	2560.05	3972.23
γ 53.0	4470.35	4928.12	5968.37	6248.70	5582.21	3731.93	2376.57	1725.71	1579.25	1761.88	2520.24	3961.26
γ 54.0	4294.33	4802.99	5917.00	6230.70	5559.09	3705.77	2338.70	1676.60	1524.13	1719.77	2477.34	3947.41
γ 55.0	4098.67	4677.53	5852.91	6204.95	5528.64	3680.28	2299.63	1623.12	1470.99	1674.34	2435.17	3933.02
γ 56.0	3868.83	4546.42	5770.84	6176.45	5510.57	3660.29	2255.89	1568.24	1419.99	1625.13	2397.30	3913.52
γ 57.0	3567.14	4402.14	5688.28	6151.91	5492.91	3641.16	2208.79	1518.33	1370.08	1575.20	2360.95	3900.63
γ 58.0	3194.85	4244.90	5595.12	6120.37	5490.18	3621.11	2156.72	1471.53	1323.80	1522.52	2322.92	3884.72
γ 59.0	2767.87	4055.70	5498.20	6082.89	5481.92	3596.12	2099.97	1425.95	1275.34	1472.40	2283.06	3856.89
γ 60.0	2337.97	3829.82	5398.26	6039.32	5464.06	3575.15	2043.33	1383.21	1208.95	1430.69	2235.57	3829.43
γ 61.0	1927.95	3540.50	5289.41	5993.09	5441.59	3553.98	1991.72	1342.96	1099.26	1378.17	2185.06	3807.41
γ 62.0	1574.79	3203.27	5172.11	5945.52	5421.31	3538.58	1944.94	1298.30	903.50	1342.58	2134.69	3786.03
γ 63.0	1223.14	2825.08	5048.74	5889.96	5385.90	3523.59	1901.02	1227.98	703.94	1302.31	2086.53	3765.89
γ 64.0	871.49	2440.16	4915.19	5829.02	5350.82	3509.95	1853.91	1085.23	584.07	1206.95	2038.71	3745.25
γ 65.0	522.17	2056.54	4777.57	5757.06	5320.24	3484.47	1802.31	934.72	542.39	1071.47	1988.55	3723.22
γ 66.0	341.34	1679.46	4628.08	5677.70	5296.58	3458.98	1752.99	794.81	477.02	939.17	1938.58	3699.18
γ 67.0	278.29	1302.38	4463.69	5595.88	5273.08	3433.44	1703.95	682.33	366.78	846.54	1882.60	3666.44
γ 68.0	230.23	925.29	4259.24	5508.94	5249.87	3402.56	1651.07	605.27	306.08	744.94	1813.79	3630.92
γ 69.0	204.06	696.84	4024.36	5420.06	5229.06	3371.06	1571.33	532.43	278.20	662.11	1773.40	3606.32
γ 70.0	188.63	536.22	3747.61	5317.61	5191.11	3342.70	1431.49	462.21	246.02	581.35	1674.61	3577.45
γ 71.0	176.24	405.20	3424.06	5195.27	5140.60	3311.24	1315.88	383.49	210.42	489.49	1525.54	3552.22
γ 72.0	163.91	297.69	3060.20	5051.23	5037.92	3274.26	1253.26	295.95	183.17	398.73	1389.69	3528.22
γ 73.0	152.19	209.94	2656.48	4903.93	4833.51	3233.87	1199.92	236.38	166.69	305.82	1336.88	3504.21
γ 74.0	140.79	162.20	2177.42	4739.07	4509.00	3190.22	1140.51	208.07	153.08	243.09	1300.62	3480.05
γ 75.0	122.99	137.47	1813.26	4548.13	3882.35	3139.09	1055.44	190.30	130.36	205.75	1254.02	3427.67
γ 76.0	103.58	122.50	1508.71	4072.24	3255.70	3030.95	870.96	168.28	107.62	185.17	1149.78	3169.40
γ 77.0	91.45	108.79	1204.21	3631.49	2634.59	2766.67	721.42	132.71	93.21	141.68	938.02	2930.72
γ 78.0	80.66	94.77	791.37	3096.29	2301.78	2530.74	635.03	113.56	81.42	119.63	779.08	2728.40
γ 79.0	69.20	82.06	424.28	2560.42	1921.59	2142.30	524.88	100.27	69.66	108.41	569.46	2412.06
γ 80.0	55.12	70.06	250.04	2018.77	1420.46	1499.21	343.31	86.58	54.27	96.55	321.21	1827.78
γ 81.0	40.38	52.77	167.20	1615.21	1088.97	1087.18	239.12	67.96	40.83	79.90	239.98	1278.85
γ 82.0	21.30	33.44	97.99	1212.39	789.44	820.96	158.42	52.12	28.05	63.85	157.64	816.30
γ 83.0	5.09	15.00	59.86	809.55	572.72	497.73	108.97	36.08	17.34	48.89	92.39	536.59
γ 84.0	2.43	4.98	33.49	529.16	340.18	274.86	67.90	18.01	8.63	24.53	59.54	334.21
γ 85.0	1.87	3.76	16.03	275.60	95.01	106.01	26.61	6.43	5.21	7.27	24.17	151.57
γ 86.0	1.13	2.68	9.58	71.68	30.03	41.69	9.86	5.43	4.68	6.22	11.01	32.19
γ 87.0	0.08	1.03	7.08	18.12	13.79	14.50	7.85	4.80	4.20	5.44	9.17	15.01
γ 88.0	0.00	0.02	4.17	11.73	11.90	10.89	6.61	3.98	3.51	4.69	7.82	12.05
γ 89.0	0.00	0.00	2.60	9.49	7.95	6.55	2.14	0.40	0.12	1.38	3.90	7.74

# IES Road Report

Photometric Filename:150W-277V\_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	2.23	8.54	7.31	5.93	1.05	0.00	0.00	0.00	2.58	7.57
γ 91.0	0.00	0.00	2.10	8.04	7.27	5.93	0.99	0.00	0.00	0.00	2.69	7.57
γ 92.0	0.00	0.00	1.99	7.75	7.33	6.05	1.23	0.00	0.00	0.00	2.93	7.62
γ 93.0	0.00	0.00	1.93	7.51	7.38	6.11	1.35	0.00	0.00	0.00	3.11	7.64
γ 94.0	0.00	0.00	1.93	7.39	7.38	6.34	1.59	0.00	0.00	0.00	3.29	7.92
γ 95.0	0.00	0.00	1.93	7.22	7.61	6.52	1.99	0.00	0.00	0.00	3.63	8.10
γ 96.0	0.00	0.00	1.93	7.11	7.84	6.80	2.28	0.00	0.00	0.00	3.92	8.15
γ 97.0	0.00	0.00	1.93	7.04	7.97	6.98	2.69	0.00	0.00	0.00	4.39	8.45
γ 98.0	0.00	0.00	2.10	6.92	8.31	7.10	3.04	0.00	0.00	0.06	4.62	8.57
γ 99.0	0.00	0.00	2.22	6.92	8.54	7.38	3.39	0.00	0.00	0.36	4.98	8.69
γ 100.0	0.00	0.00	2.33	6.98	8.73	7.62	4.04	0.01	0.00	0.60	5.34	9.15
γ 101.0	0.00	0.06	2.40	7.04	9.12	7.91	4.21	0.41	0.00	0.83	5.62	9.34
γ 102.0	0.00	0.17	2.52	7.10	9.42	8.20	4.45	0.47	0.00	1.36	5.98	9.63
γ 103.0	0.00	0.34	2.75	7.21	9.55	8.44	4.85	0.83	0.00	1.60	6.21	9.82
γ 104.0	0.00	0.47	2.92	7.74	10.11	8.79	5.20	1.13	0.13	2.00	6.44	10.38
γ 105.0	0.00	0.53	3.32	7.92	10.34	9.02	5.54	1.70	0.36	2.35	6.67	10.44
γ 106.0	0.00	0.87	3.39	8.10	10.47	9.42	5.96	2.05	0.53	2.70	6.97	11.04
γ 107.0	0.00	0.83	3.63	8.51	10.69	9.71	6.19	2.40	0.83	3.17	7.14	11.45
γ 108.0	0.29	1.05	3.63	8.74	10.81	9.95	6.24	2.69	1.36	3.52	7.31	11.91
γ 109.0	0.34	1.23	3.68	9.03	11.21	10.36	6.31	3.12	1.76	3.76	7.49	12.44
γ 110.0	0.64	1.29	3.75	9.33	11.34	10.81	6.47	3.58	2.13	4.05	7.49	12.67
γ 111.0	0.64	1.35	4.04	9.57	11.44	11.05	6.60	3.86	2.53	4.46	7.61	12.67
γ 112.0	0.70	1.46	4.15	9.74	11.33	11.28	6.89	4.05	2.93	4.82	7.90	12.67
γ 113.0	0.82	1.47	4.15	9.74	11.33	11.45	7.07	4.32	3.35	4.99	8.08	12.73
γ 114.0	0.87	1.47	4.15	9.80	11.33	11.51	7.47	4.28	3.88	4.99	8.31	12.62
γ 115.0	1.06	1.53	4.34	9.97	11.27	11.44	7.76	4.39	4.16	4.99	8.54	12.55
γ 116.0	1.29	1.59	4.51	10.04	11.04	11.15	7.95	4.39	4.52	4.99	8.60	12.20
γ 117.0	1.35	1.64	4.68	10.04	10.98	11.15	8.25	4.46	4.99	5.05	8.73	12.09
γ 118.0	1.29	1.59	4.80	10.04	10.87	11.04	8.58	4.76	5.28	5.16	8.84	11.86
γ 119.0	1.40	1.82	5.03	10.04	10.69	11.04	8.75	5.38	5.51	5.99	9.02	11.61
γ 120.0	1.64	2.22	5.09	10.04	10.64	10.98	8.75	6.44	5.75	6.75	9.02	11.27
γ 121.0	2.05	2.58	5.21	10.04	10.51	10.93	8.81	7.15	6.28	7.64	9.02	11.21
γ 122.0	2.40	2.93	5.15	10.04	10.34	10.87	8.75	7.61	6.81	8.10	8.95	11.15
γ 123.0	2.75	3.28	5.15	10.04	9.99	10.81	8.75	7.91	7.51	8.28	8.77	11.15
γ 124.0	3.15	3.69	5.15	10.04	9.94	10.87	8.69	8.14	8.04	8.63	8.60	11.15
γ 125.0	3.22	4.05	5.15	10.04	9.94	10.81	8.69	8.43	8.56	8.85	8.77	11.15
γ 126.0	3.34	4.16	5.15	10.04	9.99	10.75	8.69	8.54	8.79	8.98	8.84	11.21
γ 127.0	3.98	4.22	5.15	10.04	9.99	10.68	8.71	8.90	8.98	9.40	8.91	11.14
γ 128.0	4.15	4.45	5.15	10.04	9.99	10.22	8.82	9.19	9.49	9.68	9.36	11.03
γ 129.0	4.39	4.58	5.15	9.81	10.05	9.88	8.99	9.49	9.73	9.69	9.30	10.61
γ 130.0	4.62	4.86	5.15	9.45	9.94	9.71	8.94	9.66	9.96	10.03	9.30	10.56
γ 131.0	4.86	4.98	5.15	9.10	9.76	9.36	8.81	9.77	10.37	10.21	9.30	10.03
γ 132.0	5.04	5.11	5.15	8.69	9.71	9.18	8.75	9.89	10.49	10.38	9.30	9.86
γ 133.0	5.09	5.34	5.15	8.51	9.65	9.13	8.81	9.83	10.55	10.33	9.30	9.86
γ 134.0	5.04	5.39	5.15	8.51	9.59	9.13	8.64	9.83	10.55	10.33	9.13	9.80

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Photometric Filename:150W-277V\_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	6.01	5.51	5.15	8.34	9.52	9.13	8.45	9.83	10.60	10.33	8.99	9.80
γ 136.0	6.27	5.69	5.15	8.28	9.35	9.19	8.05	9.95	10.55	10.33	8.48	9.80
γ 137.0	6.68	5.69	5.15	8.28	9.18	9.19	7.82	10.06	10.55	10.33	8.07	9.86
γ 138.0	6.96	5.64	5.15	8.28	9.06	9.19	7.65	10.06	10.55	10.33	7.84	9.91
γ 139.0	6.15	5.92	5.21	8.28	9.00	9.19	7.59	10.12	10.55	10.33	7.90	9.86
γ 140.0	6.15	5.98	5.04	8.28	9.00	9.19	7.59	10.00	10.55	10.38	7.79	9.86
γ 141.0	7.56	6.04	5.04	8.16	9.00	9.19	7.59	10.00	10.61	10.44	7.73	9.91
γ 142.0	7.79	6.10	4.81	7.92	9.00	9.19	7.65	10.00	11.15	10.44	7.97	9.86
γ 143.0	7.73	6.34	4.74	7.81	9.00	9.19	7.76	10.00	11.78	10.44	8.14	9.74
γ 144.0	7.73	6.34	4.68	7.69	9.06	9.13	7.76	10.00	11.78	10.50	8.38	9.68
γ 145.0	7.73	6.39	4.68	7.57	8.95	9.13	7.89	10.00	11.83	10.57	8.84	9.68
γ 146.0	7.91	6.57	4.80	7.51	9.00	9.13	8.18	10.00	11.83	10.86	9.03	9.57
γ 147.0	7.97	6.62	5.08	7.51	8.89	9.13	8.48	10.00	11.83	10.86	9.49	9.56
γ 148.0	8.31	6.62	5.32	7.51	8.89	9.13	8.71	10.00	11.83	11.03	9.90	9.33
γ 149.0	8.43	6.62	5.55	7.51	8.95	9.12	8.99	10.00	11.83	10.97	10.36	9.21
γ 150.0	8.38	6.68	5.84	7.51	8.89	9.00	9.11	10.00	11.83	10.97	10.53	9.21
γ 151.0	8.37	6.64	6.08	7.51	8.83	9.00	9.05	9.95	11.53	10.97	10.71	8.98
γ 152.0	8.37	6.80	6.31	7.51	8.48	8.95	9.05	9.83	11.13	10.97	10.71	8.92
γ 153.0	8.37	6.92	6.50	7.51	8.30	8.95	9.10	9.83	11.06	11.03	10.76	8.87
γ 154.0	8.43	6.98	6.89	7.57	8.19	8.95	8.92	9.59	10.83	10.84	10.59	8.85
γ 155.0	8.33	6.92	7.03	7.91	8.02	8.95	8.81	9.30	10.53	10.67	10.48	8.63
γ 156.0	8.20	6.92	7.20	7.98	7.79	8.95	8.69	9.25	10.00	10.37	9.72	8.57
γ 157.0	8.03	6.98	7.37	7.98	7.44	9.00	8.58	9.13	9.66	9.86	9.59	8.45
γ 158.0	7.97	7.04	7.43	7.98	7.38	8.89	8.28	9.02	9.60	9.61	9.36	8.45
γ 159.0	7.91	7.10	7.49	7.98	7.56	8.65	8.16	9.02	9.32	9.33	9.19	8.45
γ 160.0	7.85	7.21	7.49	7.98	7.56	8.19	8.12	8.96	9.32	9.27	9.02	8.45
γ 161.0	7.80	7.27	7.77	7.98	7.84	8.02	8.05	8.96	9.19	9.15	9.02	8.45
γ 162.0	7.79	7.34	7.84	7.98	8.20	7.79	8.05	8.96	8.96	9.10	9.02	8.51
γ 163.0	7.79	7.39	7.96	7.98	8.43	7.73	8.05	9.00	8.90	9.04	8.96	8.57
γ 164.0	7.61	7.34	7.90	7.98	8.43	7.68	8.05	8.89	8.84	9.04	8.89	8.74
γ 165.0	7.61	7.51	7.96	7.98	8.49	7.91	8.06	8.83	8.79	9.04	8.72	8.81
γ 166.0	7.56	7.68	8.26	7.92	8.54	8.14	8.18	8.96	8.73	9.04	8.79	8.87
γ 167.0	7.56	8.15	8.49	7.98	8.89	8.84	8.35	9.07	8.98	9.22	9.26	9.28
γ 168.0	7.90	8.79	9.05	8.10	9.06	9.19	8.71	9.95	10.11	10.00	10.10	10.17
γ 169.0	8.49	9.32	9.65	8.34	9.35	9.25	9.05	10.78	10.90	10.80	10.78	10.74
γ 170.0	9.06	9.73	9.83	8.51	9.76	9.72	9.52	11.12	11.67	11.45	11.12	10.87
γ 171.0	9.65	9.91	10.06	8.80	10.17	10.00	9.75	11.41	12.12	12.03	11.29	11.15
γ 172.0	10.07	10.09	10.25	8.87	10.28	10.35	10.10	11.35	12.06	12.20	11.24	11.14
γ 173.0	10.36	10.14	10.30	8.87	10.28	10.35	10.10	11.18	11.89	12.03	11.12	11.09
γ 174.0	10.66	10.38	10.53	8.92	10.34	10.52	10.10	11.18	11.76	11.97	11.01	11.09
γ 175.0	10.95	10.38	10.65	9.04	10.40	10.47	10.10	11.05	11.58	11.90	11.05	11.09
γ 176.0	11.02	10.50	10.82	9.74	10.34	10.52	10.10	10.82	11.18	11.67	10.82	10.80
γ 177.0	11.13	10.73	10.78	9.63	10.17	10.40	10.04	10.52	10.72	11.43	10.53	10.68
γ 178.0	11.07	10.74	10.76	9.51	9.99	10.17	10.04	10.12	10.49	11.03	10.36	10.50
γ 179.0	11.07	10.74	10.76	9.33	9.65	9.65	9.98	10.13	10.37	11.03	10.36	10.45

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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>	11.07	11.07	11.07	11.07	11.07	11.07	11.07	11.07	11.07	11.07	11.07	11.07
V/H	C270.0	C292.5	C315.0	C337.5								
<b>γ 0.0</b>	5046.63	5046.63	5046.63	5046.63								
<b>γ 1.0</b>	5049.13	5071.65	5093.65	5111.77								
<b>γ 2.0</b>	5046.67	5094.74	5135.42	5169.11								
<b>γ 3.0</b>	5040.52	5115.71	5178.75	5222.64								
<b>γ 4.0</b>	5037.84	5138.02	5217.39	5276.03								
<b>γ 5.0</b>	5036.55	5158.34	5254.84	5330.07								
<b>γ 6.0</b>	5032.80	5174.24	5292.99	5383.79								
<b>γ 7.0</b>	5032.10	5189.50	5331.78	5434.87								
<b>γ 8.0</b>	5033.35	5210.72	5369.64	5480.39								
<b>γ 9.0</b>	5035.18	5233.35	5406.59	5518.98								
<b>γ 10.0</b>	5035.86	5254.44	5443.43	5557.25								
<b>γ 11.0</b>	5035.88	5278.55	5479.44	5597.69								
<b>γ 12.0</b>	5034.64	5309.33	5511.26	5636.63								
<b>γ 13.0</b>	5035.24	5340.53	5541.46	5678.88								
<b>γ 14.0</b>	5039.66	5369.80	5573.23	5716.67								
<b>γ 15.0</b>	5046.64	5398.24	5606.82	5747.35								
<b>γ 16.0</b>	5053.41	5425.09	5638.84	5777.42								
<b>γ 17.0</b>	5070.21	5450.10	5670.99	5806.84								
<b>γ 18.0</b>	5090.43	5478.14	5702.38	5836.79								
<b>γ 19.0</b>	5111.54	5502.67	5734.06	5865.52								
<b>γ 20.0</b>	5138.46	5530.02	5765.89	5894.45								
<b>γ 21.0</b>	5164.73	5556.78	5796.54	5930.34								
<b>γ 22.0</b>	5190.27	5586.76	5829.30	5969.96								
<b>γ 23.0</b>	5221.85	5618.69	5856.95	6010.00								
<b>γ 24.0</b>	5258.03	5651.26	5881.51	6041.80								
<b>γ 25.0</b>	5285.76	5685.34	5903.87	6071.47								
<b>γ 26.0</b>	5317.27	5719.29	5924.51	6096.23								
<b>γ 27.0</b>	5347.21	5753.24	5945.72	6123.08								
<b>γ 28.0</b>	5377.41	5783.88	5964.52	6144.21								
<b>γ 29.0</b>	5411.31	5807.22	5983.22	6163.71								
<b>γ 30.0</b>	5440.21	5828.19	6003.74	6175.19								
<b>γ 31.0</b>	5470.72	5844.22	6022.93	6180.47								
<b>γ 32.0</b>	5500.91	5863.50	6037.93	6179.31								
<b>γ 33.0</b>	5525.72	5881.58	6044.92	6171.67								
<b>γ 34.0</b>	5555.43	5898.90	6048.84	6161.07								
<b>γ 35.0</b>	5589.93	5919.98	6046.45	6138.48								
<b>γ 36.0</b>	5615.91	5937.30	6037.09	6108.93								
<b>γ 37.0</b>	5645.67	5959.01	6022.39	6069.52								
<b>γ 38.0</b>	5673.24	5981.45	6006.13	6020.00								
<b>γ 39.0</b>	5695.57	5996.44	5985.68	5968.70								
<b>γ 40.0</b>	5708.76	6009.21	5967.67	5918.21								
<b>γ 41.0</b>	5719.92	6018.54	5952.70	5861.81								
<b>γ 42.0</b>	5722.07	6028.24	5945.33	5804.75								

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## Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
γ 43. 0	5724. 60	6043. 08	5938. 90	5741. 85
γ 44. 0	5720. 33	6057. 15	5930. 17	5677. 69
γ 45. 0	5715. 16	6064. 97	5917. 99	5607. 60
γ 46. 0	5710. 22	6068. 14	5908. 63	5525. 49
γ 47. 0	5707. 61	6069. 48	5893. 34	5428. 43
γ 48. 0	5704. 41	6070. 10	5879. 57	5322. 28
γ 49. 0	5702. 52	6068. 88	5861. 04	5206. 89
γ 50. 0	5695. 63	6063. 25	5826. 21	5084. 85
γ 51. 0	5688. 79	6050. 28	5787. 47	4954. 27
γ 52. 0	5684. 84	6031. 72	5729. 70	4830. 17
γ 53. 0	5679. 11	6008. 21	5657. 59	4693. 99
γ 54. 0	5667. 97	5976. 03	5584. 77	4563. 81
γ 55. 0	5650. 81	5944. 55	5507. 49	4431. 04
γ 56. 0	5632. 32	5910. 75	5421. 19	4291. 23
γ 57. 0	5617. 43	5874. 59	5333. 42	4137. 13
γ 58. 0	5605. 69	5827. 95	5238. 76	3941. 26
γ 59. 0	5590. 79	5776. 39	5137. 07	3686. 74
γ 60. 0	5571. 16	5719. 54	5029. 19	3373. 39
γ 61. 0	5548. 68	5658. 82	4917. 86	3009. 79
γ 62. 0	5530. 14	5594. 58	4782. 53	2613. 90
γ 63. 0	5506. 40	5527. 20	4636. 86	2214. 99
γ 64. 0	5479. 84	5465. 64	4471. 08	1832. 98
γ 65. 0	5449. 86	5397. 90	4276. 03	1484. 82
γ 66. 0	5420. 09	5322. 23	4060. 20	1137. 65
γ 67. 0	5393. 79	5229. 51	3803. 87	813. 20
γ 68. 0	5372. 37	5129. 23	3511. 94	586. 80
γ 69. 0	5348. 98	5023. 00	3192. 05	436. 86
γ 70. 0	5326. 48	4905. 45	2857. 38	316. 47
γ 71. 0	5292. 12	4779. 10	2496. 07	233. 73
γ 72. 0	5216. 43	4649. 28	2126. 97	184. 97
γ 73. 0	5011. 29	4511. 02	1838. 45	161. 67
γ 74. 0	4628. 44	4353. 12	1550. 97	146. 61
γ 75. 0	3845. 85	4177. 15	1263. 48	133. 32
γ 76. 0	3169. 86	3786. 31	1002. 67	119. 32
γ 77. 0	2553. 76	3318. 68	740. 50	103. 34
γ 78. 0	2262. 73	2844. 50	521. 13	90. 95
γ 79. 0	1897. 06	2427. 66	266. 63	81. 04
γ 80. 0	1453. 65	1861. 06	135. 72	66. 77
γ 81. 0	1009. 57	1409. 84	90. 11	46. 84
γ 82. 0	565. 51	959. 26	66. 67	26. 94
γ 83. 0	360. 27	552. 00	42. 83	10. 13
γ 84. 0	176. 04	275. 44	20. 61	4. 16
γ 85. 0	44. 91	113. 46	9. 96	3. 34
γ 86. 0	19. 53	31. 16	7. 80	2. 36
γ 87. 0	14. 42	14. 77	5. 61	0. 97

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 88.0	12.10	10.04	3.16	0.02
γ 89.0	9.30	8.52	2.33	0.00
γ 90.0	8.73	7.98	2.06	0.00
γ 91.0	8.60	7.44	1.93	0.00
γ 92.0	8.54	7.21	1.87	0.00
γ 93.0	8.60	7.10	1.81	0.00
γ 94.0	8.54	6.98	1.75	0.00
γ 95.0	8.76	6.85	1.75	0.00
γ 96.0	8.89	6.68	1.75	0.00
γ 97.0	9.23	6.62	1.75	0.00
γ 98.0	9.53	6.62	1.75	0.00
γ 99.0	9.71	6.57	1.75	0.00
γ 100.0	10.15	6.57	1.81	0.00
γ 101.0	10.45	6.57	1.86	0.00
γ 102.0	10.98	6.74	2.28	0.00
γ 103.0	11.33	7.03	2.33	0.00
γ 104.0	11.85	7.15	2.39	0.17
γ 105.0	12.36	7.60	2.56	0.53
γ 106.0	12.60	7.79	2.62	0.53
γ 107.0	12.95	8.08	2.85	0.59
γ 108.0	13.36	8.54	3.04	0.70
γ 109.0	13.54	8.83	3.15	0.87
γ 110.0	13.82	9.00	3.32	0.87
γ 111.0	13.88	9.00	3.27	0.87
γ 112.0	14.24	9.12	3.55	1.10
γ 113.0	14.35	9.19	3.56	1.40
γ 114.0	14.52	9.35	3.90	1.35
γ 115.0	14.52	9.36	4.03	1.35
γ 116.0	14.52	9.36	4.20	1.35
γ 117.0	14.52	9.36	4.27	1.35
γ 118.0	14.52	9.36	4.54	1.40
γ 119.0	14.52	9.36	4.84	1.69
γ 120.0	14.47	9.36	4.96	2.22
γ 121.0	14.52	9.36	5.13	2.52
γ 122.0	14.35	9.42	5.20	2.75
γ 123.0	14.18	9.30	5.14	2.86
γ 124.0	13.95	9.30	5.14	3.21
γ 125.0	13.89	9.30	4.84	3.34
γ 126.0	13.83	9.30	4.73	3.62
γ 127.0	13.82	9.36	4.55	3.58
γ 128.0	13.82	9.30	4.55	3.74
γ 129.0	13.65	9.02	4.55	4.09
γ 130.0	13.26	8.67	4.55	4.15
γ 131.0	12.90	8.49	4.50	4.44
γ 132.0	12.43	8.26	4.50	4.51

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
γ 133.0	12.26	8.08	4.50	4.85
γ 134.0	11.97	7.97	4.50	5.15
γ 135.0	11.86	7.85	4.50	5.32
γ 136.0	11.57	7.84	4.50	5.44
γ 137.0	11.61	7.79	4.50	5.38
γ 138.0	11.51	7.73	4.50	5.44
γ 139.0	11.34	7.61	4.73	5.61
γ 140.0	11.27	7.56	4.84	5.97
γ 141.0	10.93	7.21	4.84	5.97
γ 142.0	10.81	6.74	4.84	6.03
γ 143.0	10.52	6.62	5.01	6.03
γ 144.0	10.47	6.45	5.20	6.03
γ 145.0	10.29	6.22	5.20	6.03
γ 146.0	10.17	6.22	5.49	6.08
γ 147.0	9.99	6.28	5.72	6.08
γ 148.0	9.88	6.16	6.00	6.14
γ 149.0	9.82	6.16	6.30	6.20
γ 150.0	9.59	6.16	6.60	6.14
γ 151.0	9.42	6.16	6.95	6.50
γ 152.0	9.07	6.16	7.23	6.61
γ 153.0	8.72	6.16	7.41	6.84
γ 154.0	8.37	6.22	7.53	6.96
γ 155.0	7.97	6.45	7.76	6.97
γ 156.0	7.84	6.68	7.88	7.08
γ 157.0	7.61	6.85	7.82	7.03
γ 158.0	7.67	6.91	7.93	7.03
γ 159.0	7.61	7.14	7.93	7.03
γ 160.0	7.79	7.15	7.99	7.20
γ 161.0	7.96	7.21	7.93	7.20
γ 162.0	8.07	7.38	7.99	7.20
γ 163.0	8.07	7.38	8.11	7.20
γ 164.0	8.07	7.44	8.18	7.31
γ 165.0	8.07	7.67	8.29	7.37
γ 166.0	8.07	7.84	8.69	7.37
γ 167.0	8.59	7.84	8.99	7.43
γ 168.0	8.77	8.30	9.38	8.06
γ 169.0	8.95	8.66	9.86	8.82
γ 170.0	9.23	8.83	10.04	9.63
γ 171.0	9.46	9.06	10.33	9.83
γ 172.0	9.82	9.25	10.67	10.12
γ 173.0	9.88	9.58	10.80	10.29
γ 174.0	9.88	9.65	10.80	10.25
γ 175.0	9.88	9.88	10.86	10.25
γ 176.0	9.88	10.17	10.86	10.42
γ 177.0	9.94	10.40	10.86	10.48

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## Candela Tabulation - (Cont.)

V/H	C270.0	C292.5	C315.0	C337.5
$\gamma$ 178.0	9.65	10.47	10.86	10.53
$\gamma$ 179.0	9.59	10.35	10.63	10.42
$\gamma$ 180.0	11.07	11.07	11.07	11.07

