

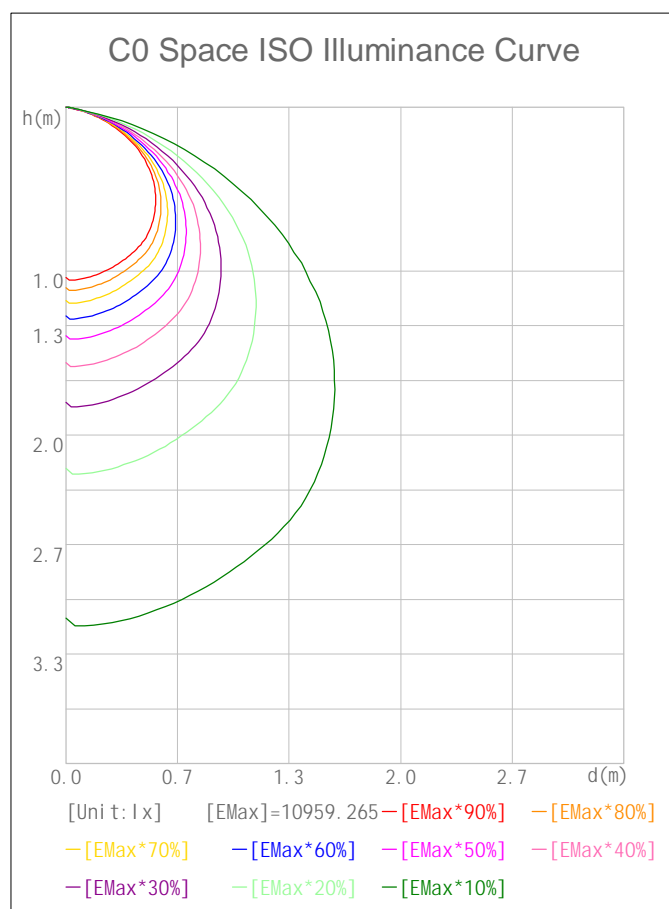
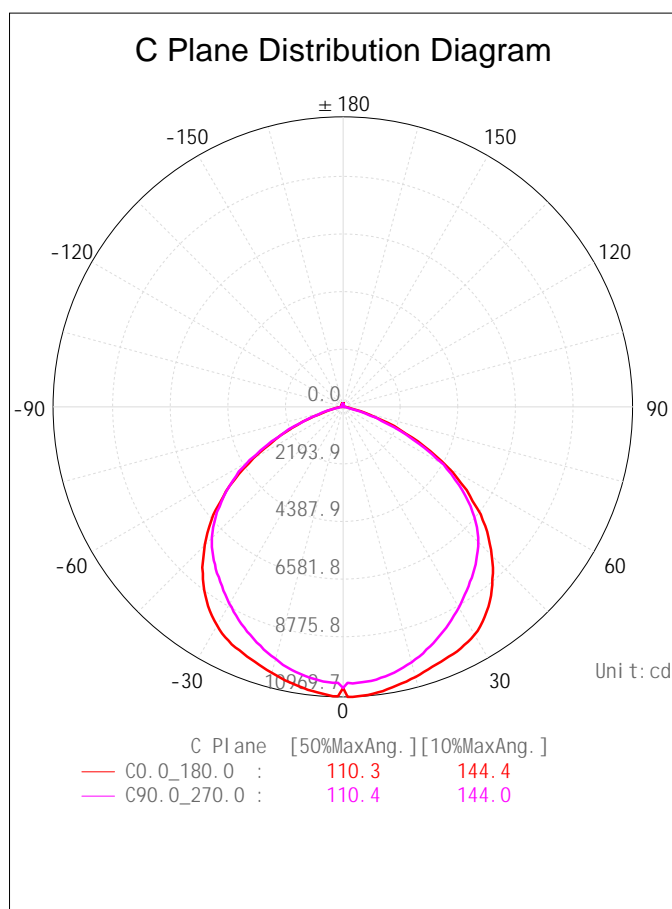
**Road Luminaire Photometric Data**

**Description Information**

Luminary Name: 1233		Lum. Catalog:	Test ID:
Lamp Name: led		Lamp Catalog:	Test Date: 2019/08/26
Manufacture:		Shld. Ang(°):	Test Machine: GON-2000
Test Lab:		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): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp.(°C): 25	Humidity(%): 50.0

**Character Parameter**

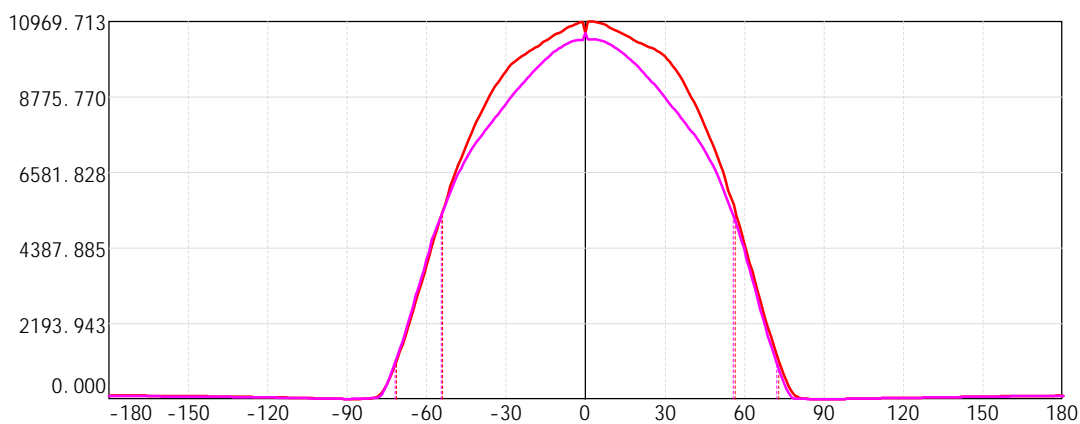
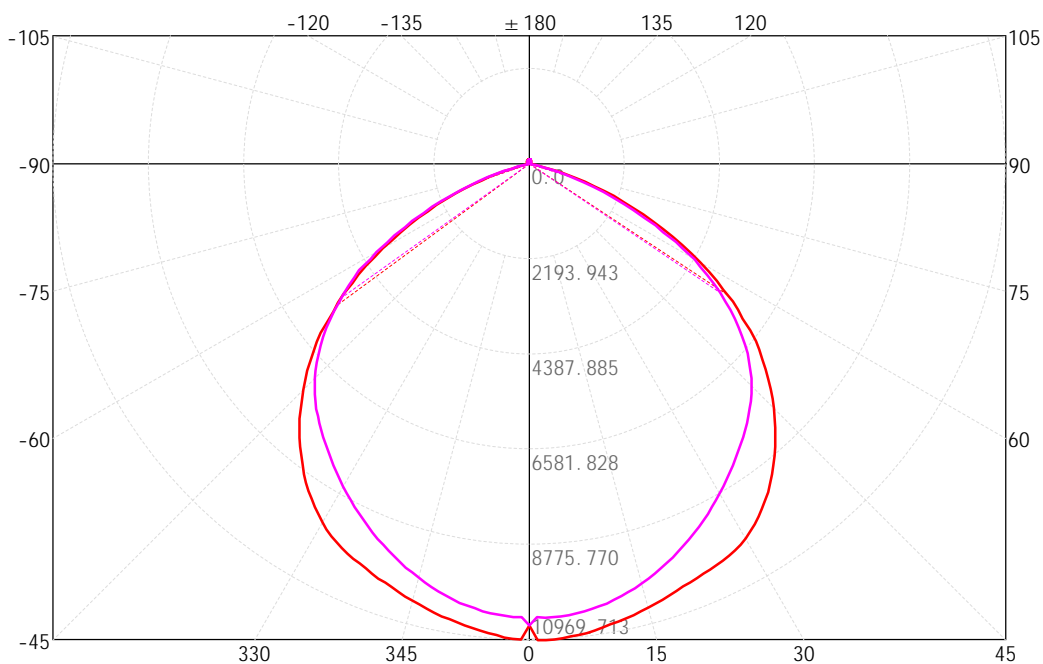
Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminary Flux(lm): 28108.212	Down Lumens&Percent: 27818.233lm 98.97%
Rated Power(W):	Luminary Efficiency: 2810.82%	Up Lumens&Percent: 289.980lm 1.03%
Rated Voltage(V):	Luminary EER(lm/W): 99.182	76° Flash Area(m2):
Tested Power(W): 283.400	Max. Candela(cd): 10969.713	SLI: 0.000
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=2.0	IES Classification: Type II
Tested Electrics(V, A, pf): 222.0, 1.304, 0.979	Half Peak Angle(°): L=-53.8, R=56.5	Longitudinal Classfct: Very Short
Lamp Size(W*L*H): 0.000m*0.000m*0.000m	Field Angle(10%Imax): 144.4(°)	Cutoff Classification: Cutoff



**2D Plane Light Intensity Distribution Curve**

Lum. Name: 1233	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2019/08/26

**C Plane Distribution Diagram**

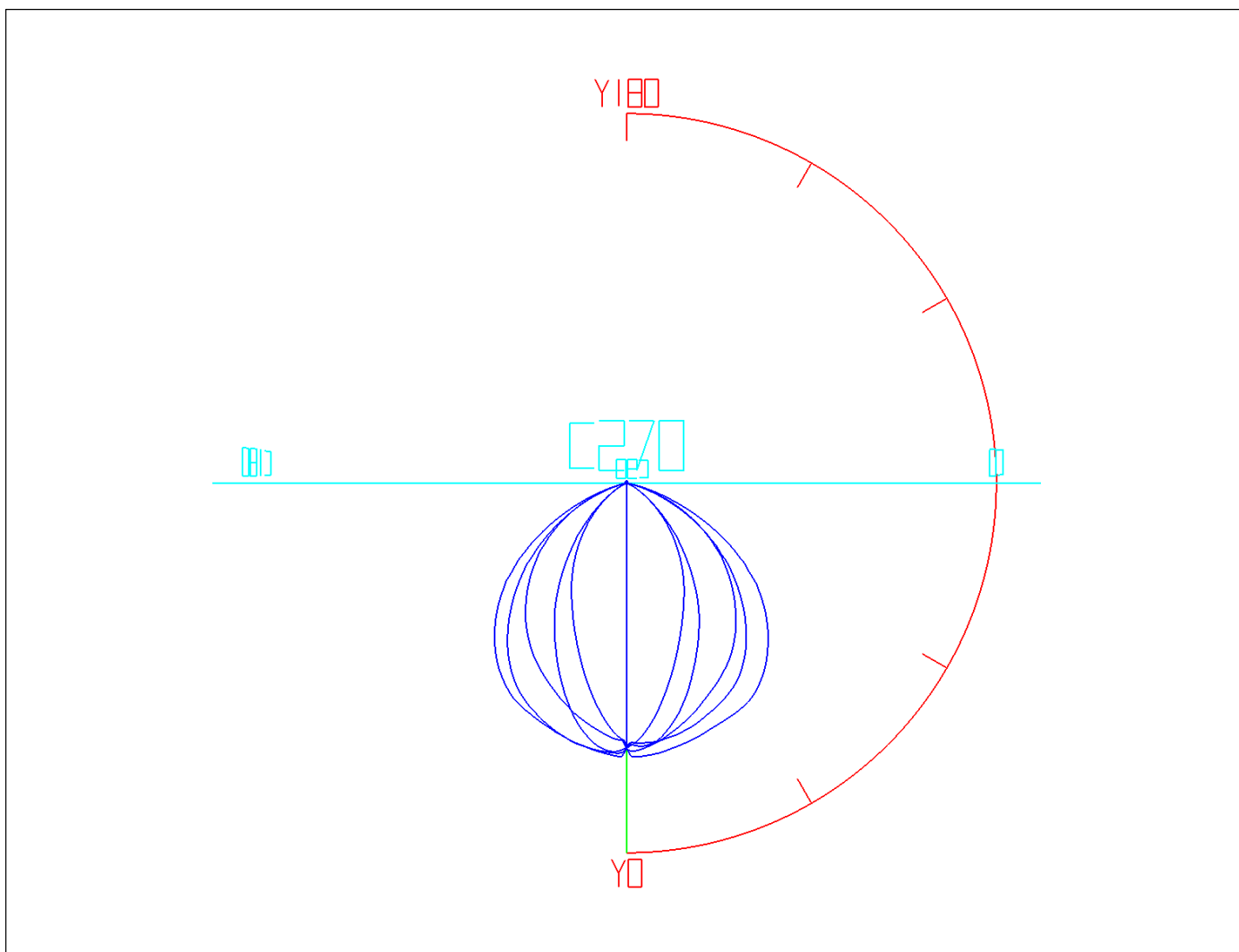


C Plane	[50%MaxAng.]	[10%MaxAng.]
C0.0_180.0 :	110.3	144.4
C90.0_270.0 :	110.4	144.0

### 3D Light Intensity Distribution Modal

Lum. Name: 1233	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2019/08/26

### 3D Light Intensity Distribution Modal



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

# IES Road Report

Photometric Filename:12系列300W.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	10.15	10.15	1.02	1.02	45.0-46.0	563.10	16890.14	56.31	1689.01
1.0-2.0	30.38	40.53	3.04	4.05	46.0-47.0	560.89	17451.02	56.09	1745.10
2.0-3.0	50.61	91.14	5.06	9.11	47.0-48.0	557.52	18008.54	55.75	1800.85
3.0-4.0	70.74	161.89	7.07	16.19	48.0-49.0	552.97	18561.52	55.30	1856.15
4.0-5.0	90.72	252.61	9.07	25.26	49.0-50.0	547.34	19108.86	54.73	1910.89
5.0-6.0	110.56	363.17	11.06	36.32	50.0-51.0	540.70	19649.55	54.07	1964.96
6.0-7.0	130.22	493.38	13.02	49.34	51.0-52.0	532.69	20182.25	53.27	2018.22
7.0-8.0	149.63	643.01	14.96	64.30	52.0-53.0	523.03	20705.28	52.30	2070.53
8.0-9.0	168.76	811.77	16.88	81.18	53.0-54.0	512.32	21217.59	51.23	2121.76
9.0-10.0	187.64	999.41	18.76	99.94	54.0-55.0	501.26	21718.85	50.13	2171.89
10.0-11.0	206.28	1205.69	20.63	120.57	55.0-56.0	488.66	22207.51	48.87	2220.75
11.0-12.0	224.65	1430.34	22.47	143.03	56.0-57.0	473.44	22680.95	47.34	2268.10
12.0-13.0	242.70	1673.03	24.27	167.30	57.0-58.0	457.68	23138.63	45.77	2313.86
13.0-14.0	260.36	1933.40	26.04	193.34	58.0-59.0	441.16	23579.79	44.12	2357.98
14.0-15.0	277.63	2211.03	27.76	221.10	59.0-60.0	423.13	24002.93	42.31	2400.29
15.0-16.0	294.53	2505.56	29.45	250.56	60.0-61.0	403.77	24406.70	40.38	2440.67
16.0-17.0	311.03	2816.59	31.10	281.66	61.0-62.0	384.06	24790.76	38.41	2479.08
17.0-18.0	327.15	3143.74	32.71	314.37	62.0-63.0	362.51	25153.27	36.25	2515.33
18.0-19.0	342.93	3486.67	34.29	348.67	63.0-64.0	339.28	25492.55	33.93	2549.26
19.0-20.0	358.33	3845.00	35.83	384.50	64.0-65.0	315.95	25808.50	31.59	2580.85
20.0-21.0	373.29	4218.29	37.33	421.83	65.0-66.0	291.51	26100.02	29.15	2610.00
21.0-22.0	387.82	4606.11	38.78	460.61	66.0-67.0	267.29	26367.31	26.73	2636.73
22.0-23.0	402.00	5008.11	40.20	500.81	67.0-68.0	242.77	26610.08	24.28	2661.01
23.0-24.0	415.84	5423.95	41.58	542.40	68.0-69.0	217.87	26827.95	21.79	2682.79
24.0-25.0	429.23	5853.18	42.92	585.32	69.0-70.0	192.88	27020.83	19.29	2702.08
25.0-26.0	442.08	6295.26	44.21	629.53	70.0-71.0	168.52	27189.36	16.85	2718.94
26.0-27.0	454.47	6749.73	45.45	674.97	71.0-72.0	144.97	27334.33	14.50	2733.43
27.0-28.0	466.39	7216.13	46.64	721.61	72.0-73.0	122.11	27456.44	12.21	2745.64
28.0-29.0	477.75	7693.88	47.78	769.39	73.0-74.0	100.38	27556.82	10.04	2755.68
29.0-30.0	488.50	8182.37	48.85	818.24	74.0-75.0	79.56	27636.38	7.96	2763.64
30.0-31.0	498.61	8680.99	49.86	868.10	75.0-76.0	60.39	27696.77	6.04	2769.68
31.0-32.0	508.09	9189.08	50.81	918.91	76.0-77.0	43.35	27740.12	4.34	2774.01
32.0-33.0	516.80	9705.88	51.68	970.59	77.0-78.0	28.64	27768.76	2.86	2776.88
33.0-34.0	524.77	10230.65	52.48	1023.06	78.0-79.0	17.59	27786.35	1.76	2778.64
34.0-35.0	532.14	10762.79	53.21	1076.28	79.0-80.0	10.60	27796.96	1.06	2779.70
35.0-36.0	538.87	11301.67	53.89	1130.17	80.0-81.0	6.46	27803.41	0.65	2780.34
36.0-37.0	544.83	11846.50	54.48	1184.65	81.0-82.0	3.98	27807.40	0.40	2780.74
37.0-38.0	550.07	12396.57	55.01	1239.66	82.0-83.0	2.60	27809.99	0.26	2781.00
38.0-39.0	554.52	12951.09	55.45	1295.11	83.0-84.0	1.94	27811.94	0.19	2781.19
39.0-40.0	558.11	13509.21	55.81	1350.92	84.0-85.0	1.58	27813.51	0.16	2781.35
40.0-41.0	560.96	14070.17	56.10	1407.02	85.0-86.0	1.30	27814.81	0.13	2781.48
41.0-42.0	563.12	14633.29	56.31	1463.33	86.0-87.0	1.09	27815.90	0.11	2781.59
42.0-43.0	564.48	15197.76	56.45	1519.78	87.0-88.0	0.92	27816.82	0.09	2781.68
43.0-44.0	564.87	15762.64	56.49	1576.26	88.0-89.0	0.76	27817.57	0.08	2781.76
44.0-45.0	564.40	16327.03	56.44	1632.70	89.0-90.0	0.66	27818.23	0.07	2781.82

# IES Road Report

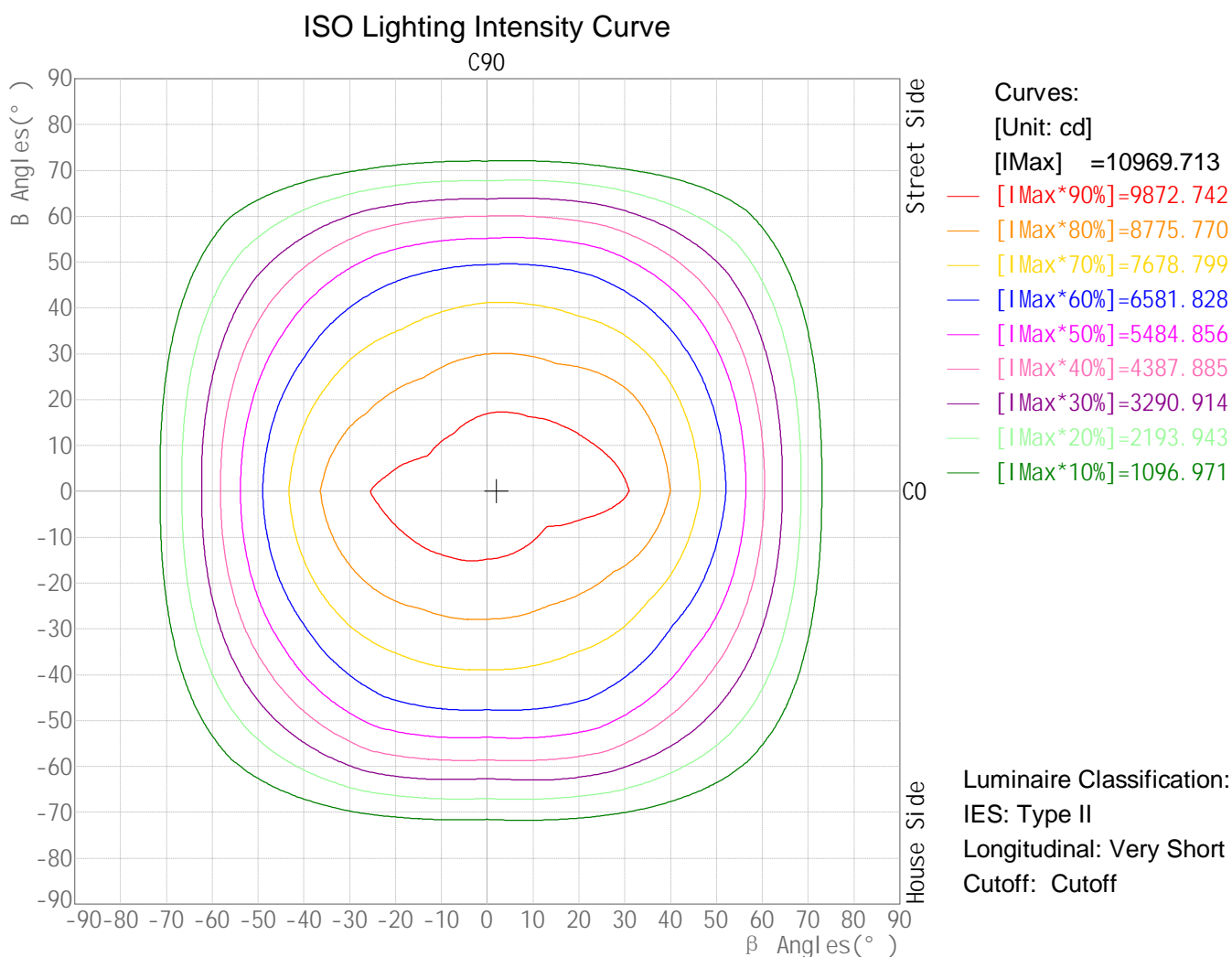
Photometric Filename:12系列300W.IES

## 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	0.68	27818.92	0.07	2781.89	135.0-136.0	4.85	27969.89	0.49	2796.99
91.0-92.0	0.75	27819.67	0.08	2781.97	136.0-137.0	4.84	27974.74	0.48	2797.47
92.0-93.0	0.83	27820.50	0.08	2782.05	137.0-138.0	4.84	27979.57	0.48	2797.96
93.0-94.0	0.93	27821.43	0.09	2782.14	138.0-139.0	4.83	27984.41	0.48	2798.44
94.0-95.0	1.03	27822.47	0.10	2782.25	139.0-140.0	4.83	27989.23	0.48	2798.92
95.0-96.0	1.15	27823.62	0.12	2782.36	140.0-141.0	4.81	27994.04	0.48	2799.40
96.0-97.0	1.28	27824.90	0.13	2782.49	141.0-142.0	4.78	27998.82	0.48	2799.88
97.0-98.0	1.42	27826.32	0.14	2782.63	142.0-143.0	4.74	28003.57	0.47	2800.36
98.0-99.0	1.57	27827.88	0.16	2782.79	143.0-144.0	4.70	28008.27	0.47	2800.83
99.0-100.0	1.72	27829.60	0.17	2782.96	144.0-145.0	4.65	28012.91	0.46	2801.29
100.0-101.0	1.87	27831.47	0.19	2783.15	145.0-146.0	4.59	28017.51	0.46	2801.75
101.0-102.0	2.03	27833.51	0.20	2783.35	146.0-147.0	4.53	28022.04	0.45	2802.20
102.0-103.0	2.20	27835.70	0.22	2783.57	147.0-148.0	4.47	28026.50	0.45	2802.65
103.0-104.0	2.36	27838.06	0.24	2783.81	148.0-149.0	4.40	28030.90	0.44	2803.09
104.0-105.0	2.52	27840.58	0.25	2784.06	149.0-150.0	4.32	28035.22	0.43	2803.52
105.0-106.0	2.68	27843.26	0.27	2784.33	150.0-151.0	4.24	28039.46	0.42	2803.95
106.0-107.0	2.83	27846.08	0.28	2784.61	151.0-152.0	4.15	28043.61	0.42	2804.36
107.0-108.0	2.97	27849.06	0.30	2784.91	152.0-153.0	4.06	28047.67	0.41	2804.77
108.0-109.0	3.12	27852.17	0.31	2785.22	153.0-154.0	3.96	28051.64	0.40	2805.16
109.0-110.0	3.26	27855.43	0.33	2785.54	154.0-155.0	3.86	28055.50	0.39	2805.55
110.0-111.0	3.39	27858.82	0.34	2785.88	155.0-156.0	3.76	28059.26	0.38	2805.93
111.0-112.0	3.52	27862.34	0.35	2786.23	156.0-157.0	3.66	28062.92	0.37	2806.29
112.0-113.0	3.64	27865.98	0.36	2786.60	157.0-158.0	3.55	28066.47	0.35	2806.65
113.0-114.0	3.76	27869.73	0.38	2786.97	158.0-159.0	3.43	28069.90	0.34	2806.99
114.0-115.0	3.87	27873.60	0.39	2787.36	159.0-160.0	3.31	28073.22	0.33	2807.32
115.0-116.0	3.97	27877.58	0.40	2787.76	160.0-161.0	3.19	28076.41	0.32	2807.64
116.0-117.0	4.07	27881.65	0.41	2788.17	161.0-162.0	3.07	28079.48	0.31	2807.95
117.0-118.0	4.17	27885.82	0.42	2788.58	162.0-163.0	2.94	28082.42	0.29	2808.24
118.0-119.0	4.25	27890.07	0.43	2789.01	163.0-164.0	2.80	28085.22	0.28	2808.52
119.0-120.0	4.33	27894.40	0.43	2789.44	164.0-165.0	2.67	28087.89	0.27	2808.79
120.0-121.0	4.40	27898.80	0.44	2789.88	165.0-166.0	2.52	28090.41	0.25	2809.04
121.0-122.0	4.47	27903.27	0.45	2790.33	166.0-167.0	2.38	28092.79	0.24	2809.28
122.0-123.0	4.53	27907.80	0.45	2790.78	167.0-168.0	2.22	28095.01	0.22	2809.50
123.0-124.0	4.58	27912.39	0.46	2791.24	168.0-169.0	2.06	28097.08	0.21	2809.71
124.0-125.0	4.63	27917.02	0.46	2791.70	169.0-170.0	1.90	28098.98	0.19	2809.90
125.0-126.0	4.68	27921.70	0.47	2792.17	170.0-171.0	1.73	28100.71	0.17	2810.07
126.0-127.0	4.72	27926.41	0.47	2792.64	171.0-172.0	1.56	28102.27	0.16	2810.23
127.0-128.0	4.76	27931.17	0.48	2793.12	172.0-173.0	1.38	28103.65	0.14	2810.36
128.0-129.0	4.79	27935.96	0.48	2793.60	173.0-174.0	1.20	28104.85	0.12	2810.48
129.0-130.0	4.81	27940.78	0.48	2794.08	174.0-175.0	1.02	28105.87	0.10	2810.59
130.0-131.0	4.83	27945.61	0.48	2794.56	175.0-176.0	0.84	28106.71	0.08	2810.67
131.0-132.0	4.85	27950.46	0.49	2795.05	176.0-177.0	0.66	28107.37	0.07	2810.74
132.0-133.0	4.86	27955.32	0.49	2795.53	177.0-178.0	0.47	28107.83	0.05	2810.78
133.0-134.0	4.86	27960.18	0.49	2796.02	178.0-179.0	0.28	28108.12	0.03	2810.81
134.0-135.0	4.86	27965.04	0.49	2796.50	179.0-180.0	0.09	28108.21	0.01	2810.82

**Rectangle ISO Lighting Intensity Diagram**

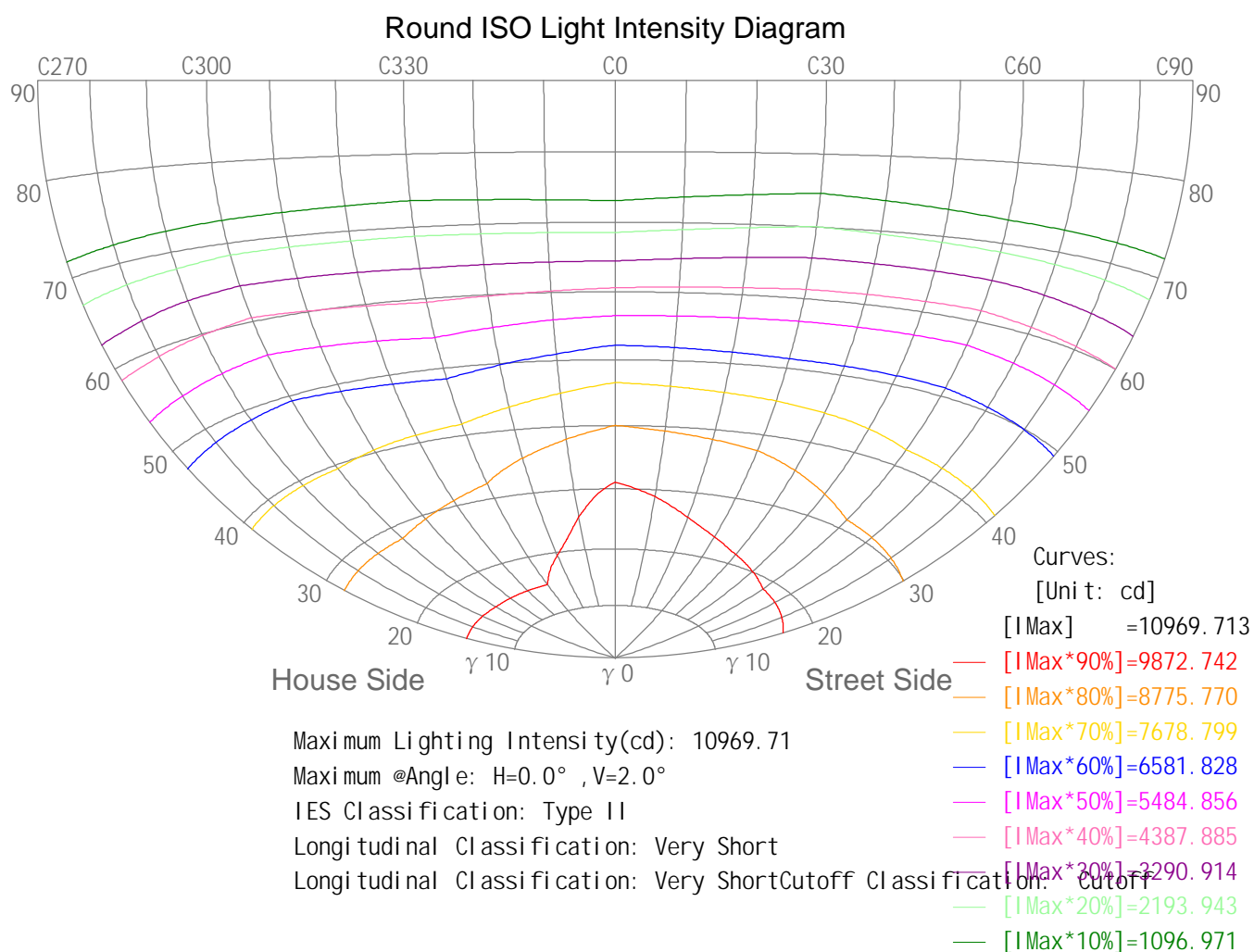
Lum. Name: 1233	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2019/08/26



Maximum Light Intensity(cd): 10969.71  
Maximum Cand. @Angle: H=2.0°,V=0.0°

**Round ISO Lighting Intensity Diagram**

Lum. Name: 1233	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2019/08/26



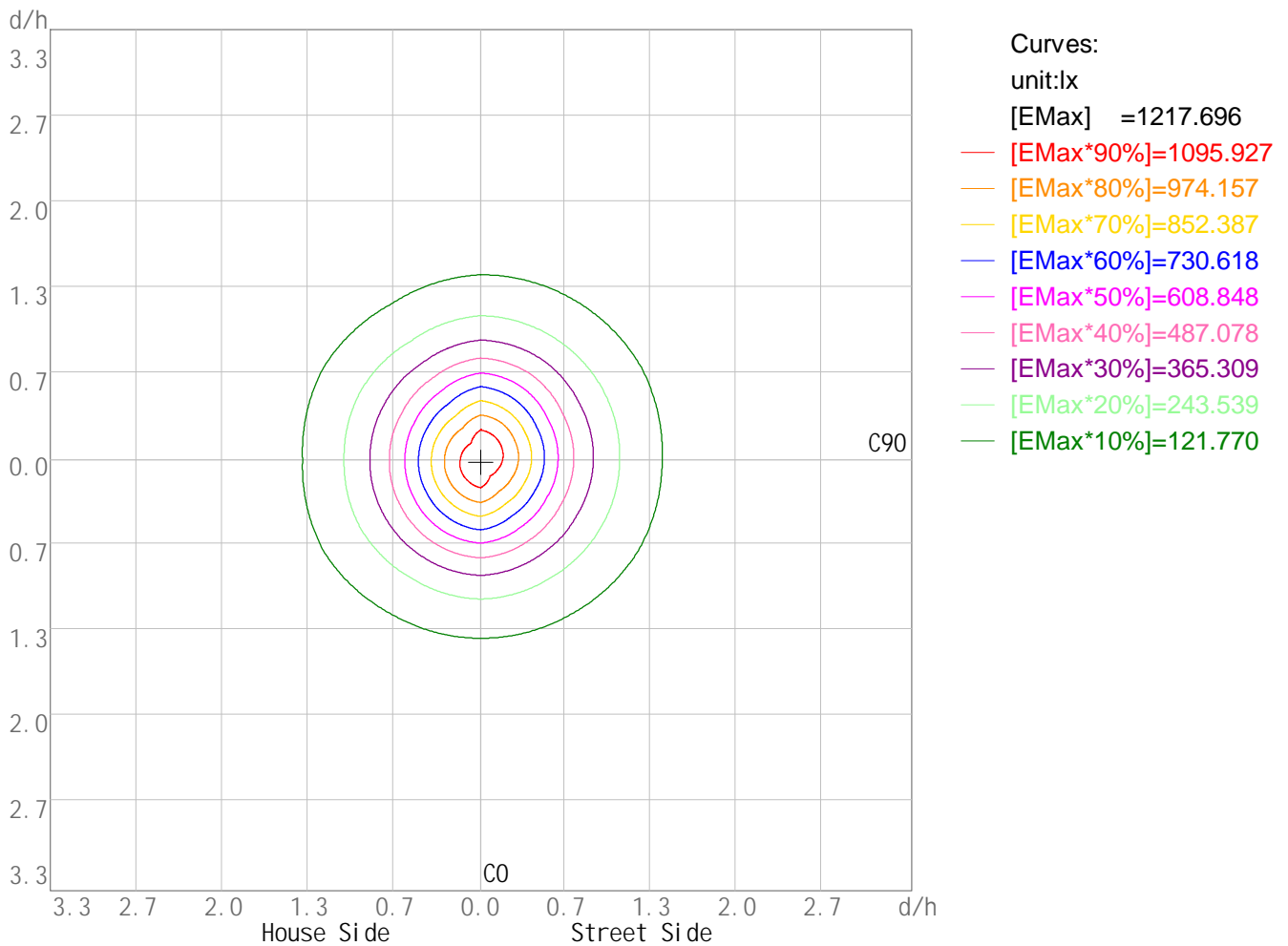
# IES Road Report

Photometric Filename:12系列300W.IES

## Plane ISO-Illuminance Diagram

Lum. Name: 1233	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2019/08/26

### Plane ISO-Illuminance Curve



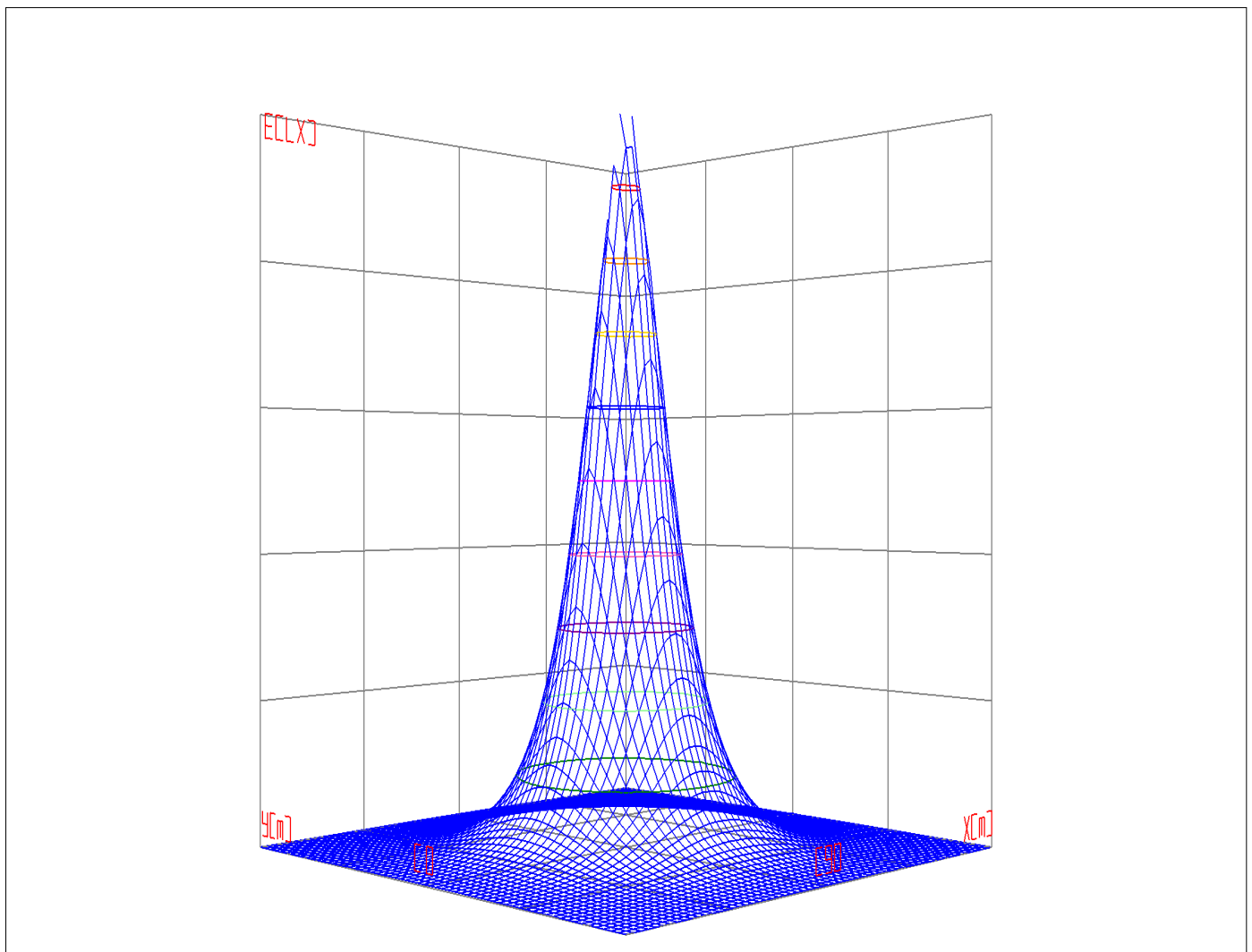
Working Plane Luminaire Mounting Height(m): 3.00  
 Working Plane Maximum Illuminance(lx): 1217.70  
 Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0



### 3D Plane ISO Illuminance Diagram

Lum. Name: 1233	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2019/08/26

3D Plane Illuminance Modal

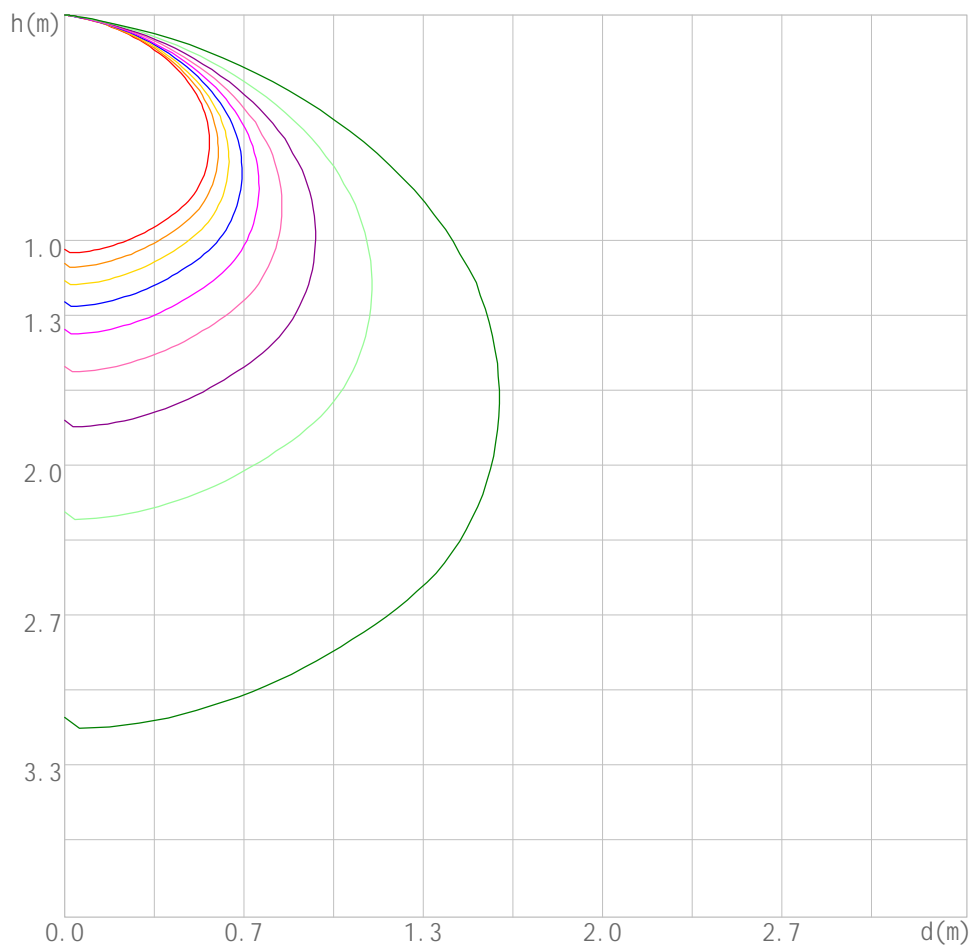


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0    Height(m): 3.0    Distance(m): 10.0

**Space ISO Illuminance Diagram**

Lum. Name: 1233	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2019/08/26

Space ISO Illuminance Curve



- Curves:  
 [Unit: lx]  
 [EMax] =10959.265
- [EMax\*90%]=9863.339
  - [EMax\*80%]=8767.412
  - [EMax\*70%]=7671.486
  - [EMax\*60%]=6575.559
  - [EMax\*50%]=5479.633
  - [EMax\*40%]=4383.706
  - [EMax\*30%]=3287.780
  - [EMax\*20%]=2191.853
  - [EMax\*10%]=1095.927

Space Plane Maximum Illuminance and @Angle:10959.27lx,1.0deg  
 Plane Maximum Lighting Intensity and @Angle:10969.713cd,0deg

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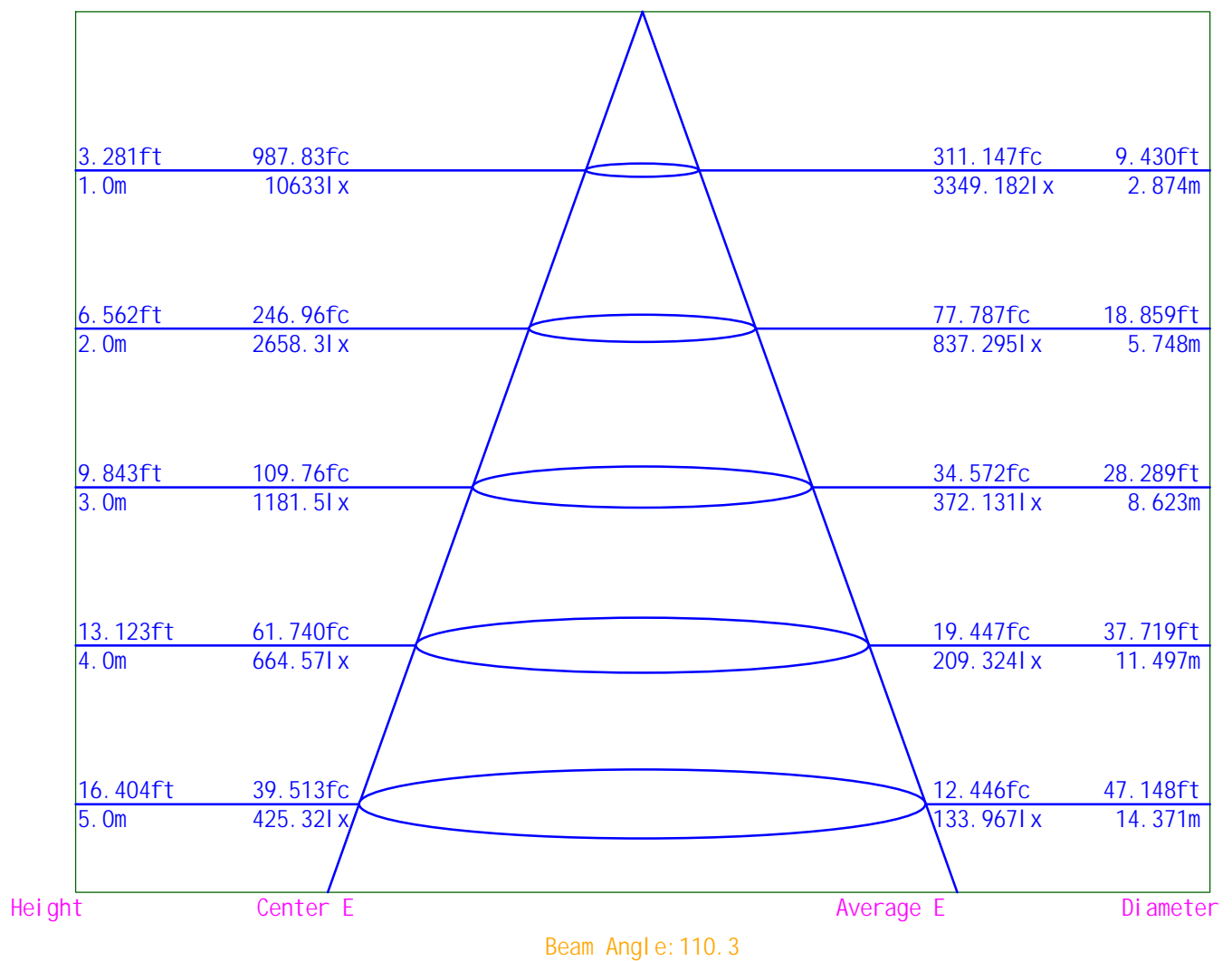
# IES Road Report

Photometric Filename: 12系列300W.IES

## Illuminance-Distance Diagram

Lum. Name: 1233	Lum. Catalog:	Test ID:
Lamp Name: led	Lamp Catalog:	Test Lab:
Manufacturer:	Test Machine: GON-2000	Test Date: 2019/08/26

Illuminance-Distance Curve



**IES Road Report**  
**Photometric Filename:12系列300W.IES**

**Candela Tabulation**

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 0.0	10633.1	10633.1	10633.1	10633.1	10633.1	10633.1	10633.1	10633.1	10633.1	10633.1	10633.1	10633.1
γ 1.0	10964.3	10782.2	10605.7	10444.2	10359.8	10344.8	10955.3	10768.5	10590.3	10438.8	10361.7	10356.5
γ 2.0	10969.7	10796.8	10618.3	10456.9	10368.1	10347.2	10949.0	10762.6	10588.6	10438.3	10365.3	10358.7
γ 3.0	10965.8	10803.0	10618.0	10455.3	10366.9	10351.2	10920.7	10735.5	10582.2	10423.8	10359.2	10344.5
γ 4.0	10948.6	10792.0	10605.3	10444.5	10352.3	10332.6	10881.4	10698.4	10563.4	10406.0	10340.8	10320.0
γ 5.0	10928.5	10767.1	10589.2	10428.3	10329.2	10299.8	10845.8	10656.4	10537.1	10386.0	10321.8	10295.8
γ 6.0	10909.0	10743.5	10570.8	10413.4	10304.4	10256.2	10814.2	10620.6	10503.2	10358.4	10298.7	10275.4
γ 7.0	10886.4	10723.9	10546.8	10384.3	10269.4	10216.1	10777.1	10581.2	10461.5	10316.1	10269.0	10247.1
γ 8.0	10849.7	10696.6	10508.2	10348.9	10223.6	10181.5	10728.9	10536.7	10414.2	10274.7	10229.8	10209.8
γ 9.0	10803.0	10662.2	10463.7	10313.0	10176.2	10144.5	10681.5	10488.7	10360.2	10234.1	10183.7	10163.7
γ 10.0	10764.7	10617.0	10421.6	10278.9	10128.2	10102.7	10642.2	10439.7	10306.1	10186.4	10136.7	10113.6
γ 11.0	10733.4	10570.8	10376.9	10231.7	10075.9	10056.6	10612.0	10397.8	10248.7	10130.5	10089.3	10070.8
γ 12.0	10698.2	10525.4	10325.9	10177.3	10022.3	10015.2	10567.4	10356.3	10188.7	10069.5	10036.9	10032.8
γ 13.0	10662.4	10481.0	10269.9	10123.4	9962.6	9974.5	10513.7	10306.7	10123.9	10005.6	9980.9	9985.3
γ 14.0	10617.5	10435.1	10207.3	10067.7	9899.4	9929.9	10457.3	10246.1	10055.2	9937.5	9915.9	9934.5
γ 15.0	10575.9	10384.5	10140.3	10003.6	9840.2	9872.5	10413.3	10174.7	9985.9	9864.2	9847.7	9873.9
γ 16.0	10543.0	10327.0	10069.3	9933.5	9777.6	9809.5	10366.8	10108.0	9913.6	9791.5	9771.1	9819.9
γ 17.0	10496.4	10272.0	9991.0	9867.2	9697.9	9746.6	10308.5	10048.1	9829.2	9722.3	9689.2	9771.8
γ 18.0	10445.8	10225.1	9916.9	9798.5	9622.4	9692.1	10250.8	9988.0	9749.3	9646.2	9610.6	9716.8
γ 19.0	10401.1	10173.2	9840.8	9719.5	9548.7	9637.6	10204.6	9916.7	9674.6	9564.3	9537.0	9653.1
γ 20.0	10363.1	10109.3	9763.3	9643.5	9473.5	9572.9	10160.8	9847.3	9600.7	9483.3	9459.8	9585.1
γ 21.0	10329.0	10036.0	9685.9	9563.4	9398.5	9500.8	10109.2	9776.6	9523.0	9397.3	9379.6	9518.0
γ 22.0	10292.6	9965.5	9603.0	9482.7	9322.4	9431.5	10054.2	9710.7	9441.0	9312.1	9299.8	9455.0
γ 23.0	10258.0	9906.0	9522.0	9396.5	9242.3	9370.7	10002.0	9639.7	9349.1	9227.0	9219.4	9398.5
γ 24.0	10230.9	9845.4	9445.4	9314.8	9156.2	9308.4	9958.1	9558.6	9262.9	9142.1	9142.9	9342.3
γ 25.0	10201.5	9784.0	9356.6	9228.0	9068.4	9234.7	9904.2	9482.8	9170.7	9052.3	9056.0	9283.8
γ 26.0	10163.4	9727.1	9266.0	9141.5	8972.9	9162.1	9840.0	9415.0	9075.0	8962.7	8961.1	9225.9
γ 27.0	10121.3	9669.9	9179.0	9047.8	8879.7	9093.1	9781.1	9345.0	8980.7	8867.7	8872.8	9163.6
γ 28.0	10079.6	9609.2	9092.4	8953.4	8786.1	9020.0	9716.1	9262.7	8883.2	8769.2	8787.8	9097.0
γ 29.0	10028.3	9544.9	9001.7	8863.5	8694.8	8946.2	9628.4	9174.3	8788.1	8674.7	8702.3	9024.9
γ 30.0	9962.4	9467.9	8910.0	8767.6	8606.6	8859.9	9527.8	9093.9	8698.6	8576.2	8611.6	8956.8
γ 31.0	9879.2	9395.9	8808.9	8670.1	8515.5	8784.0	9425.8	9010.5	8597.6	8480.6	8514.1	8886.4
γ 32.0	9794.1	9324.9	8712.9	8574.1	8419.5	8707.6	9317.3	8909.6	8491.4	8381.5	8412.3	8807.8
γ 33.0	9690.5	9246.8	8612.4	8475.8	8317.3	8610.1	9201.0	8794.7	8392.6	8277.7	8313.3	8722.4
γ 34.0	9579.0	9158.2	8511.9	8379.9	8220.3	8500.2	9085.4	8685.0	8291.9	8173.2	8212.0	8631.5
γ 35.0	9466.0	9063.4	8412.6	8284.5	8125.7	8390.5	8964.5	8568.4	8193.5	8078.3	8112.5	8528.8
γ 36.0	9346.9	8956.6	8316.3	8186.8	8029.9	8282.4	8830.8	8444.9	8094.9	7978.0	8020.8	8414.6
γ 37.0	9214.6	8844.5	8218.1	8088.8	7931.4	8172.7	8682.6	8317.2	7984.2	7883.8	7924.7	8297.4
γ 38.0	9080.3	8724.1	8122.0	7989.1	7827.6	8054.2	8536.8	8188.9	7878.6	7782.9	7834.5	8178.0
γ 39.0	8932.5	8597.8	8019.0	7889.1	7716.9	7931.2	8381.7	8056.5	7769.3	7675.6	7728.0	8058.6
γ 40.0	8779.8	8471.4	7915.5	7793.1	7599.1	7807.6	8229.6	7903.3	7654.7	7580.8	7624.0	7916.3
γ 41.0	8626.0	8328.9	7815.3	7690.1	7497.2	7660.8	8074.7	7745.4	7542.2	7474.7	7532.4	7774.2
γ 42.0	8471.7	8185.6	7713.0	7581.1	7394.3	7510.0	7899.7	7595.0	7442.5	7369.3	7436.7	7631.8
γ 43.0	8311.4	8037.6	7603.3	7476.6	7291.3	7370.9	7719.6	7436.3	7332.2	7248.8	7326.1	7477.1
γ 44.0	8137.2	7872.1	7499.4	7361.5	7180.0	7222.4	7543.8	7272.1	7214.7	7120.1	7224.9	7316.6

**IES Road Report**  
**Photometric Filename:12系列300W.IES**

**Candela Tabulation - (Cont.)**

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 45.0	7958.0	7704.0	7382.7	7238.1	7065.1	7066.0	7366.1	7105.1	7105.5	6995.6	7111.5	7169.0
γ 46.0	7786.3	7546.9	7271.8	7105.3	6949.0	6911.0	7176.9	6925.7	6989.9	6852.6	6993.1	7009.3
γ 47.0	7602.2	7379.7	7158.2	6960.2	6835.0	6749.9	6988.0	6751.2	6871.4	6695.6	6885.4	6833.4
γ 48.0	7406.6	7199.6	7031.8	6813.6	6706.6	6569.8	6786.5	6571.9	6734.1	6537.0	6767.5	6661.2
γ 49.0	7211.7	7020.6	6898.2	6653.7	6570.6	6397.9	6575.9	6392.3	6594.4	6371.9	6631.7	6482.9
γ 50.0	7015.0	6834.3	6754.2	6480.5	6414.5	6225.8	6386.6	6197.8	6435.8	6196.7	6486.1	6303.7
γ 51.0	6805.1	6655.4	6599.8	6308.0	6263.5	6046.0	6192.6	6009.3	6275.8	6006.4	6332.9	6133.0
γ 52.0	6626.1	6465.0	6438.0	6120.9	6105.1	5855.2	5892.5	5816.8	6101.0	5819.4	6162.9	5937.2
γ 53.0	6360.4	6255.6	6259.4	5921.0	5929.7	5662.7	5655.5	5618.6	5922.5	5623.4	5984.6	5750.1
γ 54.0	6061.9	6062.8	6071.2	5724.8	5745.7	5479.4	5447.2	5435.5	5740.3	5420.3	5787.9	5561.4
γ 55.0	5867.2	5865.9	5883.1	5515.0	5567.4	5299.5	5216.8	5238.1	5551.3	5216.0	5608.0	5385.7
γ 56.0	5658.4	5685.6	5673.5	5292.1	5362.3	5114.6	4903.1	4943.5	5343.4	5006.6	5403.2	5169.1
γ 57.0	5322.3	5429.7	5465.7	5070.9	5152.2	4835.5	4688.9	4740.5	5123.3	4797.0	5188.4	4887.0
γ 58.0	5099.2	5153.3	5235.4	4831.0	4931.5	4627.4	4428.7	4549.0	4905.4	4622.0	4967.7	4714.8
γ 59.0	4834.3	4966.0	4993.1	4598.6	4698.9	4445.7	4148.3	4280.0	4669.3	4272.0	4735.2	4531.1
γ 60.0	4543.9	4752.0	4755.2	4392.1	4472.2	4201.9	3893.5	4060.7	4437.3	4062.6	4496.4	4237.3
γ 61.0	4274.3	4450.7	4501.4	4025.4	4229.1	3964.4	3608.8	3854.4	4216.0	3749.8	4290.0	4061.2
γ 62.0	3983.3	4256.3	4240.6	3817.2	3971.7	3780.0	3361.8	3576.0	4002.8	3524.6	4073.2	3831.7
γ 63.0	3714.5	3993.3	4004.1	3461.6	3748.7	3502.5	3091.8	3363.8	3651.7	3207.3	3715.6	3570.7
γ 64.0	3428.3	3730.0	3649.0	3224.7	3401.8	3292.8	2839.7	3104.1	3415.4	3003.0	3500.2	3356.1
γ 65.0	3137.4	3507.8	3404.7	2920.1	3175.9	3063.9	2571.9	2872.8	3083.6	2691.3	3152.3	3083.9
γ 66.0	2874.6	3216.1	3049.3	2606.8	2831.5	2818.4	2332.5	2625.1	2858.9	2445.4	2922.3	2866.3
γ 67.0	2600.9	2981.3	2779.5	2372.5	2565.0	2584.4	2081.4	2407.6	2522.4	2219.8	2622.9	2603.9
γ 68.0	2328.0	2705.8	2481.8	2110.7	2291.6	2357.2	1828.9	2153.3	2267.9	1957.2	2314.9	2371.7
γ 69.0	2076.8	2449.8	2159.2	1829.7	1993.7	2107.1	1607.1	1937.3	2013.3	1694.2	2086.3	2124.9
γ 70.0	1820.7	2209.3	1838.2	1566.1	1685.7	1893.5	1377.8	1718.6	1726.7	1457.4	1805.9	1888.9
γ 71.0	1580.1	1953.6	1591.0	1330.3	1451.2	1669.3	1155.5	1490.9	1474.1	1233.7	1546.6	1661.9
γ 72.0	1343.2	1700.3	1307.2	1103.2	1189.4	1442.9	956.0	1277.3	1222.2	1023.6	1301.7	1452.1
γ 73.0	1111.5	1468.0	1075.9	874.5	971.7	1227.7	762.9	1083.9	1013.3	814.8	1066.2	1231.7
γ 74.0	911.4	1244.8	856.7	667.4	768.2	1033.4	587.8	872.7	802.0	606.9	835.5	1023.1
γ 75.0	709.5	1015.6	646.8	478.8	578.9	824.7	432.5	684.0	602.8	428.7	641.4	815.8
γ 76.0	530.2	816.4	466.1	305.8	413.6	637.6	295.9	522.4	437.2	270.5	460.8	636.2
γ 77.0	361.1	619.9	306.4	163.8	270.3	472.3	179.3	384.3	293.1	134.2	309.5	470.1
γ 78.0	209.2	444.1	168.3	44.6	152.7	335.7	89.5	270.8	176.5	55.9	176.2	331.9
γ 79.0	102.4	309.5	68.6	26.1	66.9	228.9	58.3	179.0	86.6	43.3	79.1	225.1
γ 80.0	66.1	199.4	30.1	18.7	30.1	136.3	38.4	110.4	44.3	35.2	40.8	136.7
γ 81.0	38.6	111.7	21.6	15.3	22.0	74.8	25.0	66.6	34.9	29.3	31.6	74.5
γ 82.0	21.4	50.0	17.8	13.0	18.1	35.4	19.5	42.2	28.3	24.6	25.8	39.5
γ 83.0	16.2	18.3	15.5	11.0	15.5	15.5	15.0	33.2	23.7	20.5	21.9	30.9
γ 84.0	12.1	12.7	13.3	9.0	13.2	11.4	11.3	27.0	19.9	17.1	18.3	25.3
γ 85.0	9.2	9.9	11.4	7.4	11.5	8.9	8.7	21.9	16.6	14.2	15.1	20.8
γ 86.0	7.1	8.3	9.8	5.8	9.4	7.4	7.5	17.6	13.9	12.2	13.1	17.3
γ 87.0	5.8	6.9	8.1	4.2	7.7	6.2	7.1	14.4	11.8	11.0	11.3	14.4
γ 88.0	5.0	5.4	6.5	2.9	6.3	5.0	7.0	12.1	10.3	10.0	10.4	11.5
γ 89.0	4.2	3.6	4.3	1.3	4.4	3.5	7.0	10.5	8.4	8.2	8.4	9.3

# IES Road Report

Photometric Filename:12系列300W.IES

## Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 90.0	3.6	2.5	4.4	1.8	4.6	2.8	7.9	11.0	7.6	8.3	7.1	9.7
γ 91.0	3.9	3.1	4.7	2.2	4.9	3.2	9.0	11.4	8.5	9.0	8.0	10.2
γ 92.0	4.3	3.5	5.2	2.9	5.3	3.6	10.1	12.4	9.4	9.9	8.9	10.9
γ 93.0	5.0	4.1	5.7	3.5	5.9	4.4	11.3	13.5	10.6	10.7	10.0	11.7
γ 94.0	5.5	5.0	6.4	4.3	6.6	5.2	12.6	14.5	11.8	11.7	11.0	12.9
γ 95.0	6.2	5.8	7.2	5.1	7.4	6.3	14.2	15.8	13.2	12.8	12.1	13.7
γ 96.0	6.9	6.9	8.0	6.1	8.3	7.3	15.7	17.3	14.5	14.1	13.5	15.0
γ 97.0	7.9	7.8	9.0	7.1	9.2	8.4	17.5	18.8	16.0	15.4	14.9	16.5
γ 98.0	8.9	9.0	10.1	8.1	10.4	9.6	19.2	20.3	17.6	17.0	16.6	17.9
γ 99.0	10.0	10.2	11.3	9.4	11.5	10.9	21.1	21.9	19.5	18.5	18.2	19.5
γ 100.0	11.1	11.3	12.6	10.8	12.8	12.1	22.8	23.5	21.2	20.2	19.7	21.2
γ 101.0	12.3	12.6	14.0	12.2	14.2	13.5	24.6	25.2	22.9	21.9	21.4	22.5
γ 102.0	13.7	14.0	15.2	13.7	15.5	14.9	26.6	27.2	24.8	23.5	23.2	24.2
γ 103.0	15.1	15.4	16.6	15.2	17.0	16.4	28.7	28.8	26.7	25.4	24.9	25.7
γ 104.0	16.6	16.9	18.1	16.8	18.3	17.5	30.6	30.6	28.5	27.0	26.7	27.4
γ 105.0	18.1	18.3	19.5	18.3	19.8	19.1	32.5	32.3	30.3	28.7	28.4	29.0
γ 106.0	19.3	19.6	21.0	19.8	21.4	20.4	34.5	34.0	32.0	30.6	30.1	30.6
γ 107.0	20.8	21.0	22.4	21.3	22.6	21.9	36.5	35.7	33.6	32.4	31.6	32.1
γ 108.0	22.3	22.4	23.7	22.7	24.1	23.2	38.4	37.4	35.2	34.1	33.3	33.8
γ 109.0	23.7	23.8	25.0	24.3	25.5	24.6	40.5	39.0	36.9	35.9	34.8	35.1
γ 110.0	25.0	25.1	26.3	25.7	26.8	26.1	42.5	40.6	38.3	37.4	36.3	36.6
γ 111.0	26.7	26.6	27.5	27.1	27.9	27.2	44.2	42.4	39.9	39.0	37.7	38.3
γ 112.0	28.2	27.9	29.1	28.7	29.4	28.5	46.1	43.8	41.5	40.7	39.2	39.7
γ 113.0	29.7	29.2	30.3	29.9	30.5	29.9	47.9	45.6	43.0	42.1	40.5	41.3
γ 114.0	31.0	30.5	31.5	31.3	31.9	31.2	49.7	47.2	44.4	43.5	42.1	42.8
γ 115.0	32.4	31.9	32.8	32.5	33.2	32.4	51.2	48.6	45.9	44.9	43.5	44.2
γ 116.0	33.7	33.1	34.2	33.8	34.4	33.6	52.8	50.2	47.1	46.3	44.9	45.6
γ 117.0	35.1	34.4	35.5	35.2	35.8	34.8	54.5	51.6	48.7	47.5	46.3	47.1
γ 118.0	36.3	35.6	36.7	36.5	36.9	36.1	56.0	53.1	49.9	48.7	47.6	48.5
γ 119.0	37.5	36.8	37.9	37.7	38.1	37.3	57.4	54.6	51.2	50.0	48.7	49.8
γ 120.0	38.8	37.9	39.1	39.1	39.3	38.4	58.9	56.0	52.5	51.1	49.9	51.1
γ 121.0	39.9	39.2	40.4	40.2	40.4	39.6	60.1	57.2	53.8	52.3	51.2	52.3
γ 122.0	41.2	40.3	41.5	41.3	41.5	40.6	61.4	58.5	55.0	53.4	52.3	53.6
γ 123.0	42.3	41.4	42.7	42.5	42.5	41.9	62.5	59.7	56.3	54.4	53.7	54.8
γ 124.0	43.2	42.6	43.7	43.6	43.5	43.0	63.8	61.0	57.4	55.4	54.8	56.0
γ 125.0	44.3	43.8	44.9	44.7	44.5	44.1	64.9	62.3	58.7	56.6	56.1	57.3
γ 126.0	45.5	44.9	45.8	45.5	45.4	45.4	66.0	63.6	59.8	57.6	57.4	58.4
γ 127.0	46.5	46.0	47.0	46.4	46.5	46.5	67.4	64.9	61.1	58.9	58.6	59.5
γ 128.0	47.7	47.2	48.0	47.7	47.3	47.7	68.6	66.1	62.3	59.9	59.7	60.8
γ 129.0	49.0	48.3	49.0	48.9	48.3	49.0	69.8	67.1	63.5	60.8	60.8	61.9
γ 130.0	50.1	49.6	49.9	49.9	49.2	50.1	70.9	68.2	64.5	61.9	61.9	62.8
γ 131.0	51.2	50.9	51.1	50.9	50.3	51.3	72.0	69.4	65.6	62.9	62.9	63.8
γ 132.0	52.6	52.0	52.1	52.0	51.2	52.5	73.0	70.2	66.8	64.0	64.1	64.7
γ 133.0	53.4	53.1	53.3	53.2	52.1	53.6	74.0	71.3	68.0	65.0	65.1	65.6
γ 134.0	54.6	54.1	54.3	54.1	53.1	54.6	75.0	72.1	68.8	65.9	66.2	66.6

**IES Road Report**  
**Photometric Filename:12系列300W.IES**

**Candela Tabulation - (Cont.)**

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
γ 135.0	55.4	55.4	55.4	55.0	54.3	55.7	75.9	72.9	69.8	66.9	67.0	67.5
γ 136.0	56.6	56.5	56.4	56.1	55.3	56.8	76.8	73.8	70.8	67.9	68.0	68.5
γ 137.0	57.8	57.7	57.9	57.3	56.5	57.8	77.8	74.7	71.9	68.8	68.9	69.4
γ 138.0	59.3	59.3	59.4	58.5	58.0	59.3	78.8	75.7	72.7	69.6	69.8	70.1
γ 139.0	61.0	61.1	61.0	59.9	59.7	60.7	79.9	76.5	73.6	70.5	70.7	71.2
γ 140.0	62.8	62.8	62.8	61.2	61.5	62.5	80.9	77.3	74.6	71.3	71.4	72.0
γ 141.0	64.2	64.3	64.2	62.5	62.6	63.7	81.8	78.3	75.6	72.0	72.3	72.9
γ 142.0	65.7	65.6	65.7	63.8	63.9	64.6	82.9	78.8	76.1	72.6	72.9	73.8
γ 143.0	66.9	67.0	66.8	65.1	65.3	65.7	83.7	79.6	77.1	73.3	73.7	74.4
γ 144.0	68.1	68.1	67.9	66.2	66.5	66.6	84.6	80.4	77.8	74.2	74.3	75.2
γ 145.0	69.4	69.3	69.1	67.4	67.6	67.7	85.5	81.0	78.7	74.9	75.0	76.1
γ 146.0	70.7	70.5	70.2	68.5	68.7	68.6	86.4	81.8	79.6	75.6	75.6	76.8
γ 147.0	71.8	71.7	71.3	69.4	69.8	69.5	87.3	82.5	80.3	76.3	76.2	77.5
γ 148.0	73.2	72.9	72.4	70.5	70.8	70.5	88.2	83.3	81.2	77.3	76.9	78.4
γ 149.0	74.3	74.1	73.5	71.6	72.0	71.4	89.1	84.0	81.9	77.8	77.4	79.2
γ 150.0	75.8	75.2	74.6	72.6	73.1	72.4	90.0	84.6	82.7	78.3	78.2	79.9
γ 151.0	77.0	76.5	75.7	73.6	74.0	73.2	91.0	85.2	83.4	78.4	78.8	80.7
γ 152.0	78.3	77.4	76.8	74.6	75.0	74.1	91.8	85.9	84.1	77.9	79.5	81.3
γ 153.0	79.6	78.6	77.8	75.8	76.0	75.0	92.7	86.6	84.8	78.0	80.1	81.9
γ 154.0	80.9	79.8	78.9	76.9	77.0	75.9	93.5	87.2	85.3	78.3	80.8	82.6
γ 155.0	82.3	80.9	79.9	77.9	77.8	76.9	94.2	87.9	86.1	78.9	81.3	83.3
γ 156.0	83.5	82.1	80.9	78.8	78.9	77.8	95.2	88.6	86.8	80.2	82.0	83.9
γ 157.0	84.6	83.1	81.9	79.9	79.7	78.8	95.9	89.2	87.4	81.2	82.7	84.6
γ 158.0	86.0	84.2	83.1	80.9	80.6	79.7	96.7	89.9	88.1	82.1	83.2	85.3
γ 159.0	87.2	85.3	84.1	82.0	81.4	80.7	97.4	90.7	88.7	82.7	84.0	86.0
γ 160.0	88.4	86.5	85.1	82.8	82.4	81.8	98.1	91.5	89.5	83.6	84.7	86.7
γ 161.0	89.5	87.7	86.2	83.8	83.4	82.6	98.7	92.3	90.5	84.6	85.6	87.5
γ 162.0	90.6	88.8	87.1	84.7	84.1	83.8	99.5	93.0	91.3	86.0	86.6	88.4
γ 163.0	91.4	89.8	88.0	85.6	84.8	84.7	100.2	93.8	92.2	87.1	87.6	89.0
γ 164.0	92.7	91.1	88.8	86.6	85.9	85.7	101.0	94.7	93.1	88.1	88.6	90.1
γ 165.0	93.8	92.4	90.0	87.4	87.0	86.8	101.7	95.4	94.1	89.4	89.4	90.8
γ 166.0	94.9	93.5	90.9	88.4	88.0	87.9	102.3	96.1	95.1	90.1	90.3	91.6
γ 167.0	96.1	94.7	91.7	89.5	88.8	88.9	103.1	96.9	95.8	91.2	91.0	92.2
γ 168.0	97.1	95.5	92.2	90.3	89.6	89.9	103.6	97.5	96.5	92.2	91.7	92.8
γ 169.0	98.3	96.5	92.8	91.0	90.3	90.6	104.0	97.9	97.0	93.2	92.7	93.1
γ 170.0	99.2	97.1	93.5	91.5	90.8	91.4	104.2	98.4	97.5	93.8	93.2	93.4
γ 171.0	99.8	97.6	94.1	92.2	91.4	92.0	104.3	98.9	97.8	94.2	93.8	93.9
γ 172.0	100.0	98.2	94.6	92.8	92.0	92.5	104.4	99.5	98.0	94.8	94.5	94.0
γ 173.0	100.5	98.7	95.3	93.5	92.3	93.1	104.5	100.0	98.2	95.1	94.8	94.2
γ 174.0	100.9	99.2	95.7	93.9	92.7	93.8	104.7	100.2	98.3	95.5	95.5	94.4
γ 175.0	101.4	99.6	96.0	94.5	93.2	94.3	104.8	100.5	98.4	95.7	95.8	94.5
γ 176.0	101.7	100.0	96.4	95.1	93.6	94.7	104.9	100.6	98.6	96.1	96.2	94.8
γ 177.0	102.2	100.5	97.0	95.8	94.0	95.1	105.2	100.8	98.6	96.2	96.3	94.9
γ 178.0	102.5	100.8	97.2	96.3	94.4	95.4	105.1	100.8	98.8	96.3	96.3	95.2
γ 179.0	102.7	101.3	97.4	96.8	94.7	95.7	104.9	100.8	98.9	96.3	96.2	95.4

