

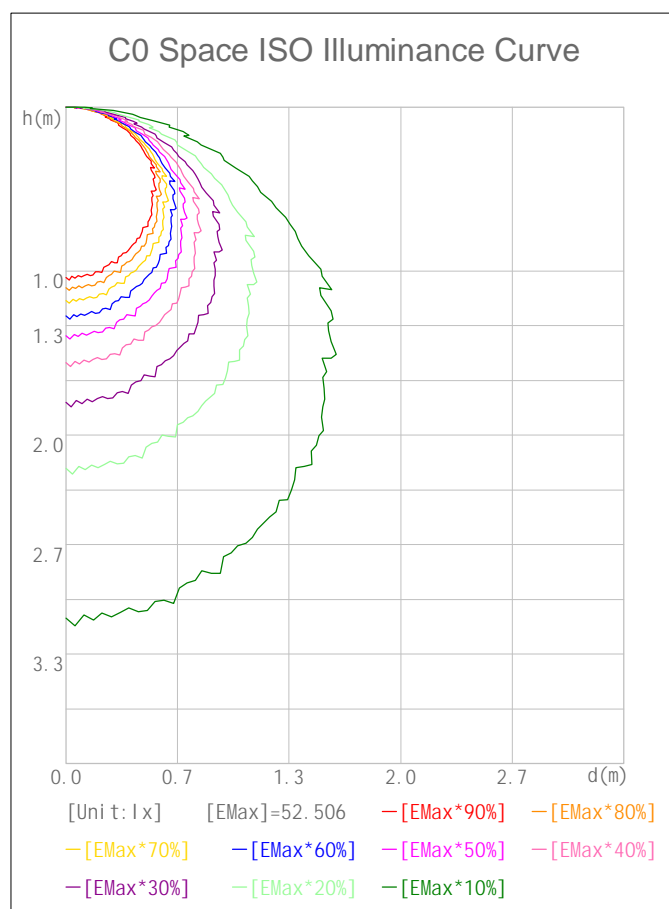
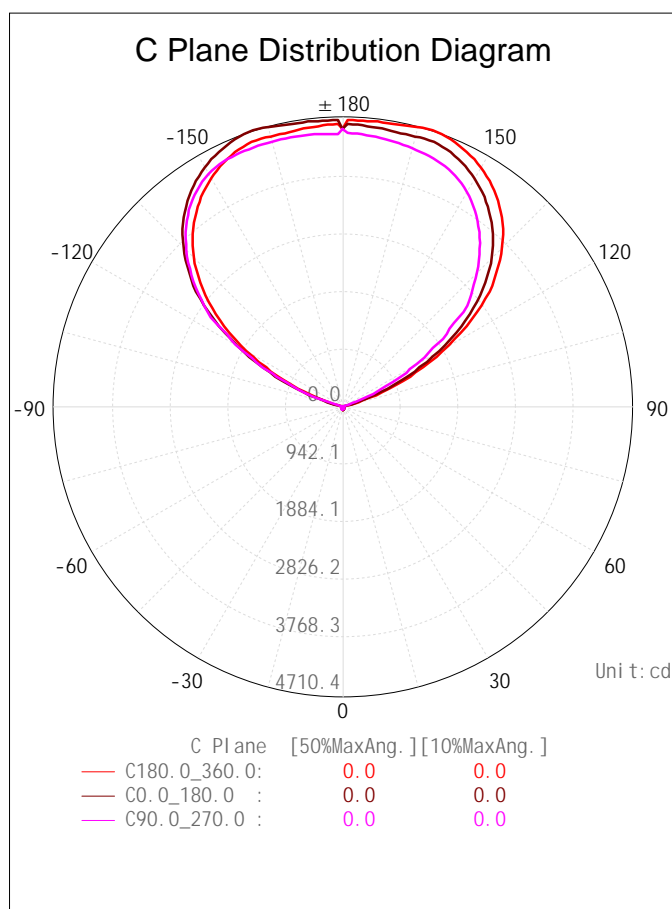
**Road Luminaire Photometric Data**

**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(m <sup>2</sup> ): 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**

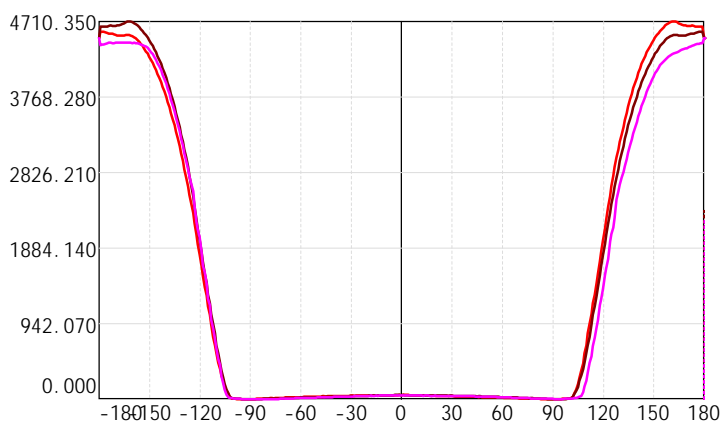
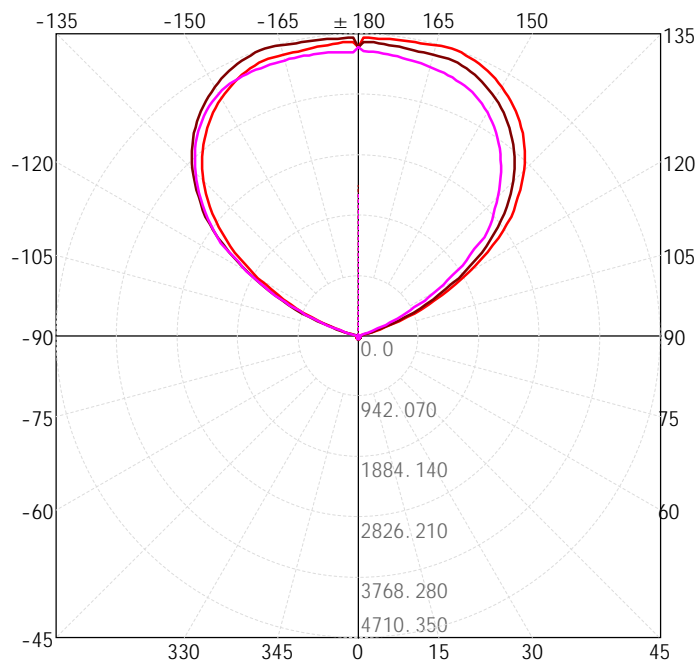
Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminary Flux(lm): 12133.270	Down Lumens&Percent: 131.449lm 1.08%
Rated Power(W):	Luminary Efficiency: 1213.33%	Up Lumens&Percent: 12001.821lm 98.92%
Rated Voltage(V):	Luminary EER(lm/W): 129.132	76° Flash Area(m <sup>2</sup> ):
Tested Power(W): 93.960	Max. Candela(cd): 4710.350	SLI: 0.000
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=161.0	IES Classification: Type I
Tested Electrics(V, A, pf): 221.0, 0.433, 0.981	Half Peak Angle(°): L=-180.0, R=180.0	Longitudinal Classfct: Very Short
Lamp Size(W*L*H): 0.000m*0.000m*0.000m	Field Angle(10%Imax): 360.0(°)	Cutoff Classification: Noncutoff



**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**

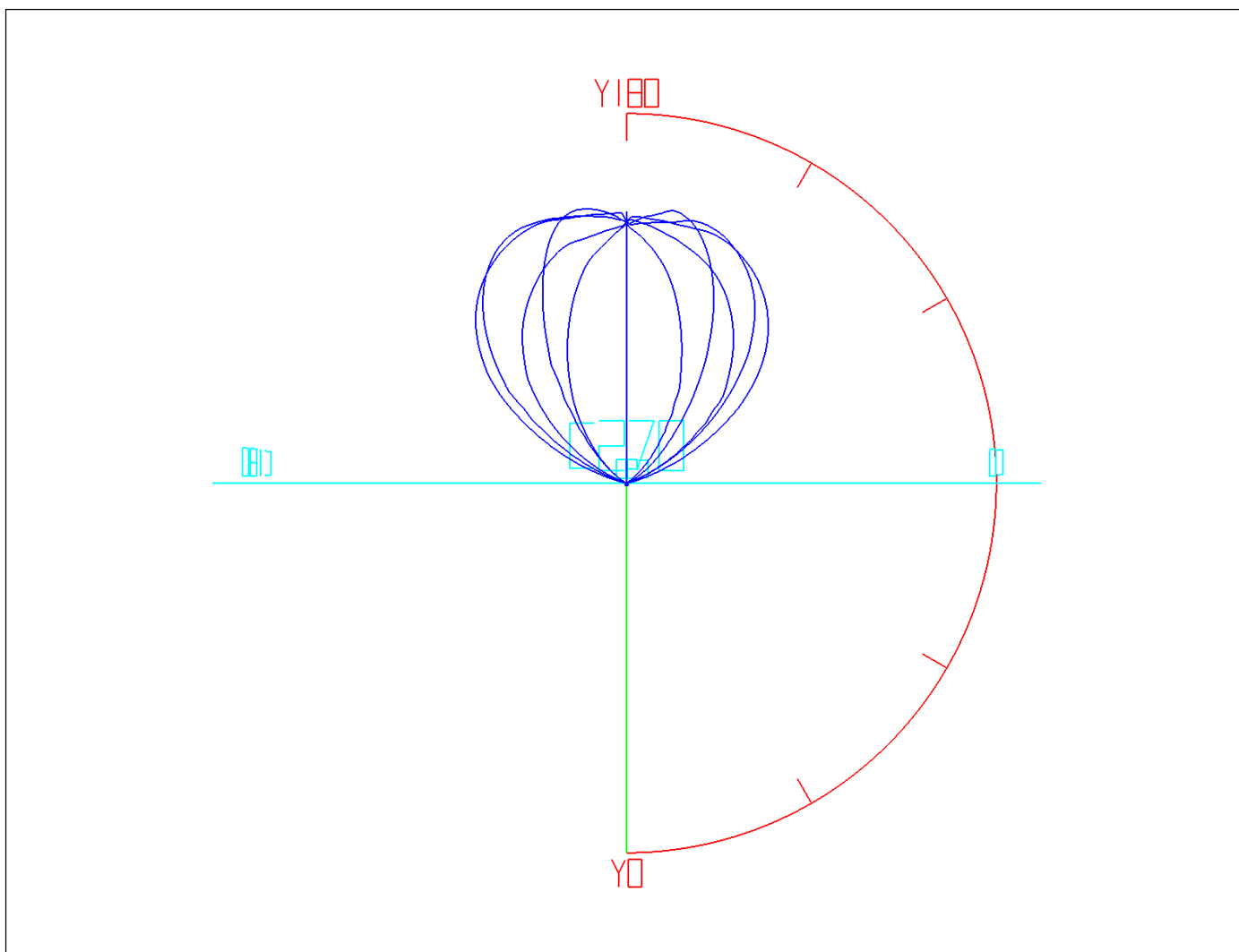


C Plane	[50%MaxAng.]	Unit: cd	[10%MaxAng.]
C180.0_360.0:	0.0		0.0
C0.0_180.0 :	0.0		0.0
C90.0_270.0 :	0.0		0.0

### 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100W.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	0.05	0.05	0.00	0.00	45.0-46.0	2.33	73.00	0.23	7.30
1.0-2.0	0.15	0.19	0.01	0.02	46.0-47.0	2.33	75.33	0.23	7.53
2.0-3.0	0.24	0.43	0.02	0.04	47.0-48.0	2.33	77.66	0.23	7.77
3.0-4.0	0.33	0.77	0.03	0.08	48.0-49.0	2.30	79.95	0.23	8.00
4.0-5.0	0.43	1.20	0.04	0.12	49.0-50.0	2.29	82.24	0.23	8.22
5.0-6.0	0.52	1.72	0.05	0.17	50.0-51.0	2.29	84.53	0.23	8.45
6.0-7.0	0.61	2.33	0.06	0.23	51.0-52.0	2.27	86.80	0.23	8.68
7.0-8.0	0.69	3.02	0.07	0.30	52.0-53.0	2.24	89.03	0.22	8.90
8.0-9.0	0.79	3.81	0.08	0.38	53.0-54.0	2.19	91.22	0.22	9.12
9.0-10.0	0.87	4.67	0.09	0.47	54.0-55.0	2.20	93.42	0.22	9.34
10.0-11.0	0.95	5.62	0.09	0.56	55.0-56.0	2.18	95.60	0.22	9.56
11.0-12.0	1.02	6.64	0.10	0.66	56.0-57.0	2.09	97.70	0.21	9.77
12.0-13.0	1.09	7.73	0.11	0.77	57.0-58.0	2.03	99.73	0.20	9.97
13.0-14.0	1.17	8.90	0.12	0.89	58.0-59.0	2.00	101.73	0.20	10.17
14.0-15.0	1.25	10.14	0.12	1.01	59.0-60.0	1.97	103.70	0.20	10.37
15.0-16.0	1.31	11.46	0.13	1.15	60.0-61.0	1.94	105.64	0.19	10.56
16.0-17.0	1.37	12.83	0.14	1.28	61.0-62.0	1.87	107.51	0.19	10.75
17.0-18.0	1.45	14.28	0.15	1.43	62.0-63.0	1.78	109.29	0.18	10.93
18.0-19.0	1.52	15.80	0.15	1.58	63.0-64.0	1.70	110.99	0.17	11.10
19.0-20.0	1.57	17.37	0.16	1.74	64.0-65.0	1.62	112.61	0.16	11.26
20.0-21.0	1.63	19.00	0.16	1.90	65.0-66.0	1.55	114.16	0.16	11.42
21.0-22.0	1.69	20.70	0.17	2.07	66.0-67.0	1.49	115.66	0.15	11.57
22.0-23.0	1.76	22.45	0.18	2.25	67.0-68.0	1.44	117.09	0.14	11.71
23.0-24.0	1.80	24.26	0.18	2.43	68.0-69.0	1.34	118.43	0.13	11.84
24.0-25.0	1.85	26.10	0.18	2.61	69.0-70.0	1.25	119.68	0.12	11.97
25.0-26.0	1.91	28.01	0.19	2.80	70.0-71.0	1.17	120.85	0.12	12.08
26.0-27.0	1.95	29.96	0.20	3.00	71.0-72.0	1.11	121.96	0.11	12.20
27.0-28.0	2.00	31.96	0.20	3.20	72.0-73.0	1.08	123.05	0.11	12.30
28.0-29.0	2.05	34.01	0.21	3.40	73.0-74.0	0.99	124.04	0.10	12.40
29.0-30.0	2.10	36.11	0.21	3.61	74.0-75.0	0.87	124.91	0.09	12.49
30.0-31.0	2.14	38.25	0.21	3.83	75.0-76.0	0.79	125.70	0.08	12.57
31.0-32.0	2.16	40.41	0.22	4.04	76.0-77.0	0.73	126.43	0.07	12.64
32.0-33.0	2.21	42.62	0.22	4.26	77.0-78.0	0.70	127.13	0.07	12.71
33.0-34.0	2.25	44.87	0.22	4.49	78.0-79.0	0.64	127.77	0.06	12.78
34.0-35.0	2.27	47.14	0.23	4.71	79.0-80.0	0.56	128.33	0.06	12.83
35.0-36.0	2.31	49.45	0.23	4.95	80.0-81.0	0.50	128.84	0.05	12.88
36.0-37.0	2.35	51.80	0.24	5.18	81.0-82.0	0.45	129.28	0.04	12.93
37.0-38.0	2.37	54.17	0.24	5.42	82.0-83.0	0.40	129.69	0.04	12.97
38.0-39.0	2.36	56.53	0.24	5.65	83.0-84.0	0.36	130.05	0.04	13.00
39.0-40.0	2.35	58.89	0.24	5.89	84.0-85.0	0.32	130.37	0.03	13.04
40.0-41.0	2.36	61.25	0.24	6.13	85.0-86.0	0.29	130.66	0.03	13.07
41.0-42.0	2.37	63.62	0.24	6.36	86.0-87.0	0.24	130.90	0.02	13.09
42.0-43.0	2.36	65.98	0.24	6.60	87.0-88.0	0.19	131.09	0.02	13.11
43.0-44.0	2.35	68.33	0.24	6.83	88.0-89.0	0.20	131.28	0.02	13.13
44.0-45.0	2.33	70.67	0.23	7.07	89.0-90.0	0.17	131.45	0.02	13.14

# IES Road Report

Photometric Filename:12系列100W.IES

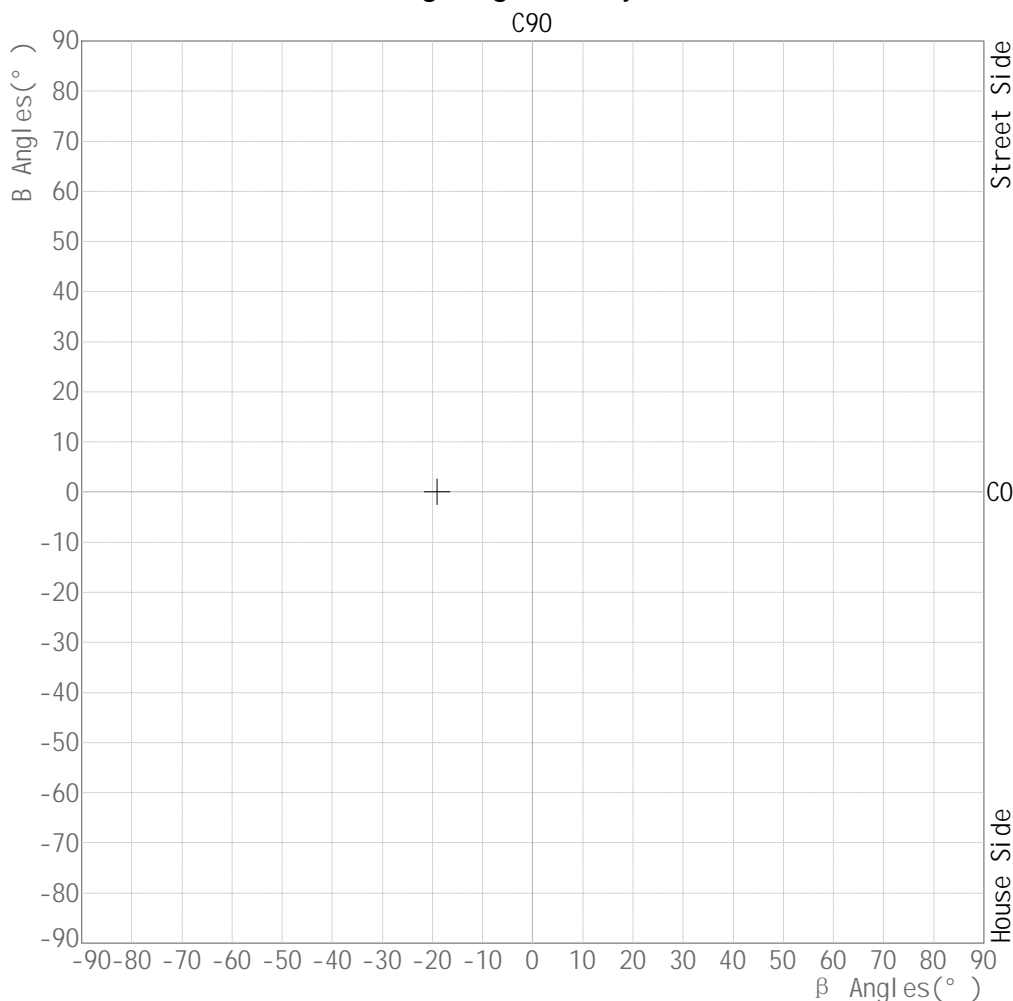
## Zonal Flux Tabulation - (Cont.)

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	0.12	131.57	0.01	13.16	135.0-136.0	259.73	4880.42	25.97	488.04
91.0-92.0	0.11	131.69	0.01	13.17	136.0-137.0	261.01	5141.43	26.10	514.14
92.0-93.0	0.13	131.81	0.01	13.18	137.0-138.0	261.83	5403.26	26.18	540.33
93.0-94.0	0.17	131.98	0.02	13.20	138.0-139.0	262.01	5665.27	26.20	566.53
94.0-95.0	0.23	132.21	0.02	13.22	139.0-140.0	261.70	5926.97	26.17	592.70
95.0-96.0	0.30	132.51	0.03	13.25	140.0-141.0	260.97	6187.94	26.10	618.79
96.0-97.0	0.37	132.87	0.04	13.29	141.0-142.0	259.76	6447.70	25.98	644.77
97.0-98.0	0.46	133.33	0.05	13.33	142.0-143.0	258.05	6705.75	25.80	670.58
98.0-99.0	0.60	133.93	0.06	13.39	143.0-144.0	255.82	6961.57	25.58	696.16
99.0-100.0	0.76	134.68	0.08	13.47	144.0-145.0	253.17	7214.75	25.32	721.47
100.0-101.0	1.02	135.70	0.10	13.57	145.0-146.0	250.13	7464.87	25.01	746.49
101.0-102.0	1.62	137.32	0.16	13.73	146.0-147.0	246.66	7711.53	24.67	771.15
102.0-103.0	2.80	140.12	0.28	14.01	147.0-148.0	242.72	7954.25	24.27	795.42
103.0-104.0	4.71	144.84	0.47	14.48	148.0-149.0	238.41	8192.66	23.84	819.27
104.0-105.0	7.59	152.43	0.76	15.24	149.0-150.0	233.80	8426.45	23.38	842.65
105.0-106.0	11.52	163.95	1.15	16.40	150.0-151.0	228.84	8655.30	22.88	865.53
106.0-107.0	16.59	180.54	1.66	18.05	151.0-152.0	223.50	8878.79	22.35	887.88
107.0-108.0	23.26	203.80	2.33	20.38	152.0-153.0	217.81	9096.61	21.78	909.66
108.0-109.0	31.10	234.90	3.11	23.49	153.0-154.0	211.88	9308.49	21.19	930.85
109.0-110.0	40.41	275.32	4.04	27.53	154.0-155.0	205.63	9514.12	20.56	951.41
110.0-111.0	51.30	326.62	5.13	32.66	155.0-156.0	199.07	9713.19	19.91	971.32
111.0-112.0	62.25	388.86	6.22	38.89	156.0-157.0	192.29	9905.48	19.23	990.55
112.0-113.0	73.23	462.09	7.32	46.21	157.0-158.0	185.30	10090.78	18.53	1009.08
113.0-114.0	84.91	547.00	8.49	54.70	158.0-159.0	178.08	10268.87	17.81	1026.89
114.0-115.0	96.45	643.45	9.65	64.34	159.0-160.0	170.68	10439.55	17.07	1043.95
115.0-116.0	107.80	751.25	10.78	75.13	160.0-161.0	163.10	10602.65	16.31	1060.26
116.0-117.0	119.43	870.68	11.94	87.07	161.0-162.0	155.31	10757.96	15.53	1075.80
117.0-118.0	130.86	1001.54	13.09	100.15	162.0-163.0	147.36	10905.32	14.74	1090.53
118.0-119.0	141.50	1143.04	14.15	114.30	163.0-164.0	139.24	11044.56	13.92	1104.46
119.0-120.0	153.22	1296.26	15.32	129.63	164.0-165.0	131.01	11175.58	13.10	1117.56
120.0-121.0	164.88	1461.14	16.49	146.11	165.0-166.0	122.74	11298.31	12.27	1129.83
121.0-122.0	173.99	1635.13	17.40	163.51	166.0-167.0	114.43	11412.74	11.44	1141.27
122.0-123.0	184.33	1819.46	18.43	181.95	167.0-168.0	106.08	11518.82	10.61	1151.88
123.0-124.0	196.22	2015.68	19.62	201.57	168.0-169.0	97.71	11616.53	9.77	1161.65
124.0-125.0	205.42	2221.10	20.54	222.11	169.0-170.0	89.32	11705.86	8.93	1170.59
125.0-126.0	212.30	2433.40	21.23	243.34	170.0-171.0	80.92	11786.78	8.09	1178.68
126.0-127.0	220.27	2653.67	22.03	265.37	171.0-172.0	72.51	11859.29	7.25	1185.93
127.0-128.0	228.92	2882.60	22.89	288.26	172.0-173.0	64.09	11923.38	6.41	1192.34
128.0-129.0	235.57	3118.16	23.56	311.82	173.0-174.0	55.61	11978.99	5.56	1197.90
129.0-130.0	240.36	3358.53	24.04	335.85	174.0-175.0	47.09	12026.08	4.71	1202.61
130.0-131.0	245.14	3603.67	24.51	360.37	175.0-176.0	38.56	12064.64	3.86	1206.46
131.0-132.0	249.71	3853.38	24.97	385.34	176.0-177.0	30.01	12094.65	3.00	1209.47
132.0-133.0	253.23	4106.60	25.32	410.66	177.0-178.0	21.45	12116.10	2.14	1211.61
133.0-134.0	255.96	4362.56	25.60	436.26	178.0-179.0	12.87	12128.97	1.29	1212.90
134.0-135.0	258.12	4620.68	25.81	462.07	179.0-180.0	4.30	12133.27	0.43	1213.33

**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

ISO Lighting Intensity Curve



Curves:  
 [Unit: cd]  
 [IMax] =4710.350

Luminaire Classification:  
 IES: Type I  
 Longitudinal: Very Short  
 Cutoff: Noncutoff

Maximum Light Intensity(cd): 4710.35  
 Maximum Cand. @Angle: H=-19.0°,V=-0.0°

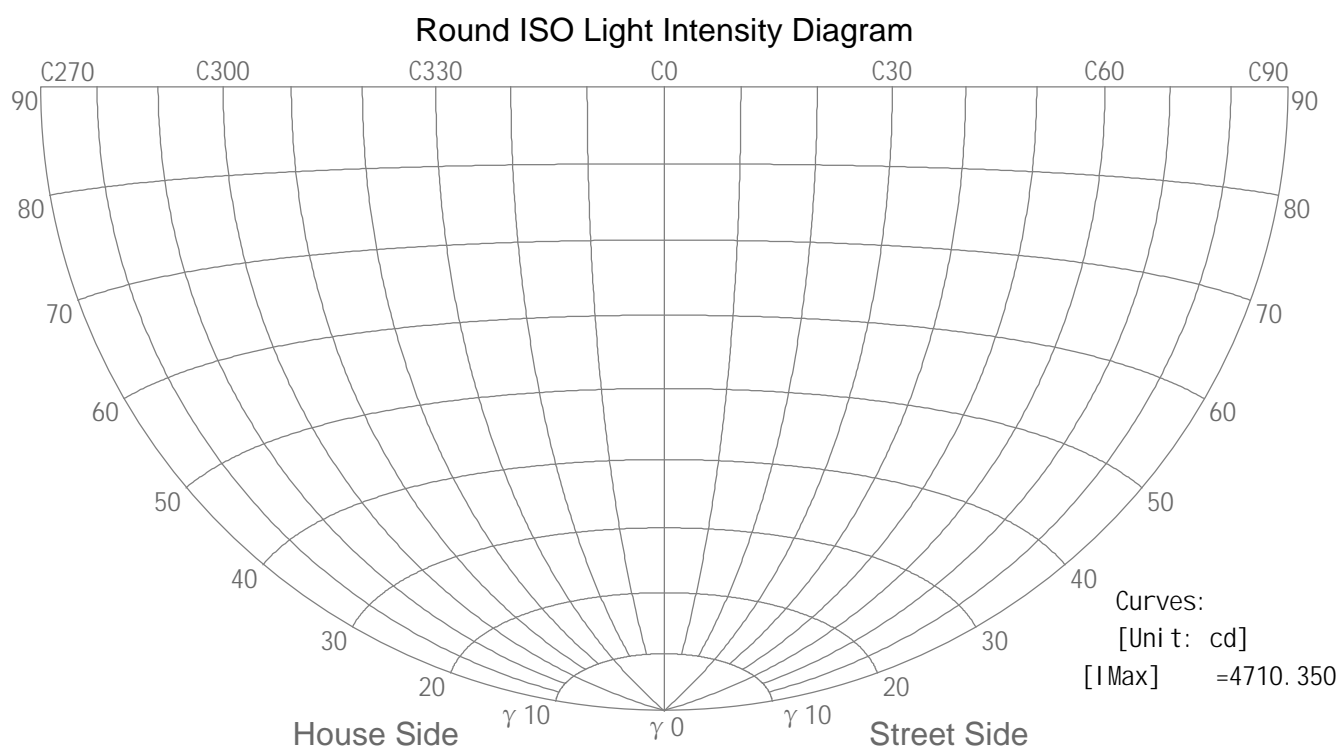
---

# IES Road Report

Photometric Filename:12系列100W.IES

## 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



Maximum Lighting Intensity(cd): 4710.35

Maximum @Angle: H=180.0° ,V=161.0°

IES Classification: Type I

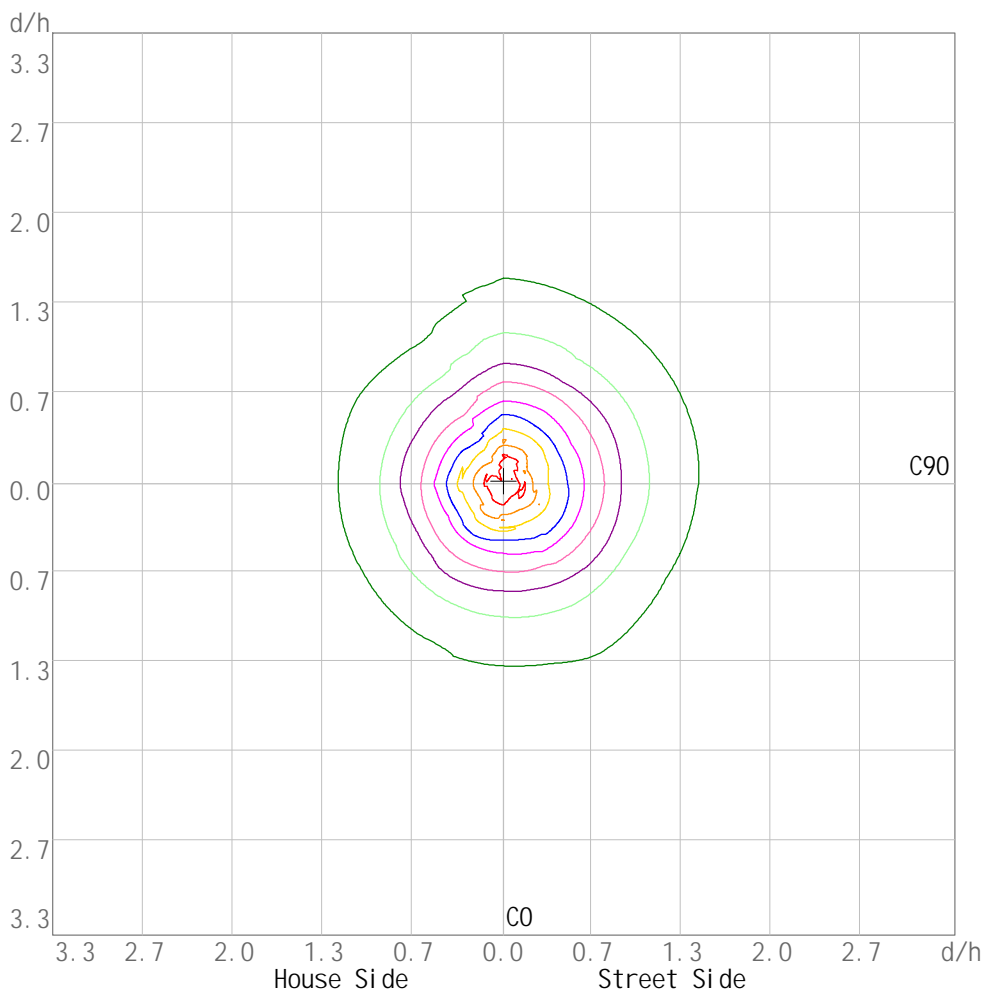
Longitudinal Classification: Very Short

Longitudinal Classification: Very Short Cutoff Classification: Noncutoff

**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



- Curves:  
unit:lx  
[EMax] =5.864  
— [EMax\*90%]=5.278  
— [EMax\*80%]=4.691  
— [EMax\*70%]=4.105  
— [EMax\*60%]=3.518  
— [EMax\*50%]=2.932  
— [EMax\*40%]=2.346  
— [EMax\*30%]=1.759  
— [EMax\*20%]=1.173  
— [EMax\*10%]=0.586

Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 5.86  
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

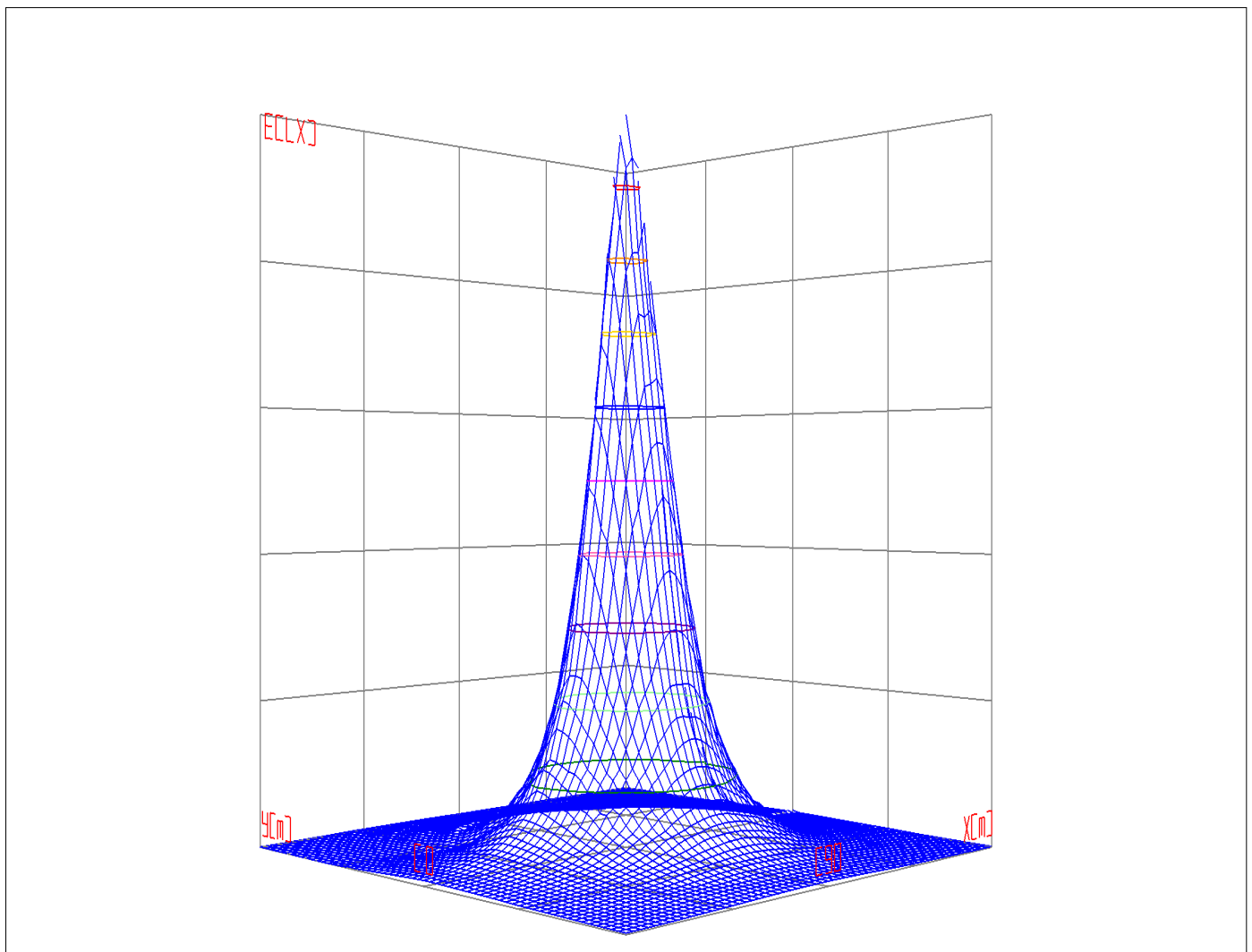
---



### 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

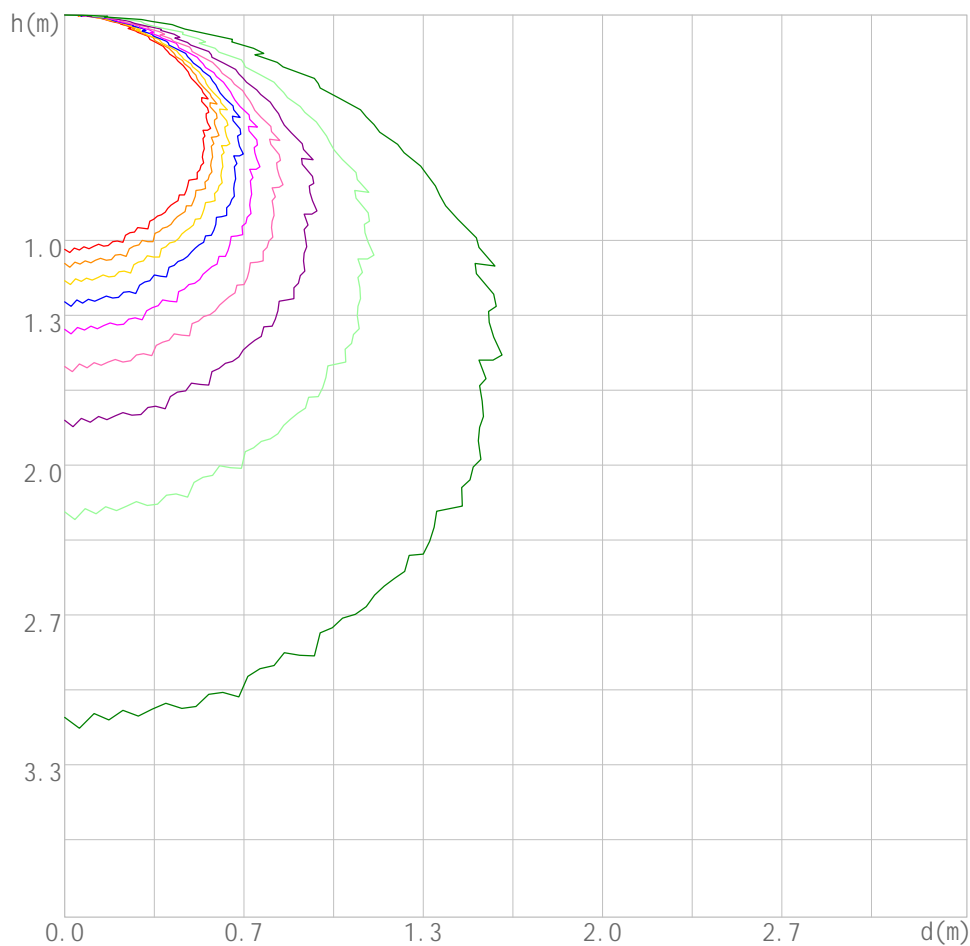


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0    Height(m): 3.0    Distance(m): 10.0

### 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] =52.506
- [EMax\*90%]=47.255
  - [EMax\*80%]=42.005
  - [EMax\*70%]=36.754
  - [EMax\*60%]=31.504
  - [EMax\*50%]=26.253
  - [EMax\*40%]=21.002
  - [EMax\*30%]=15.752
  - [EMax\*20%]=10.501
  - [EMax\*10%]=5.251

Space Plane Maximum Illuminance and @Angle:52.51lx,1.0deg  
 Plane Maximum Lighting Intensity and @Angle:52.530cd,0deg

---

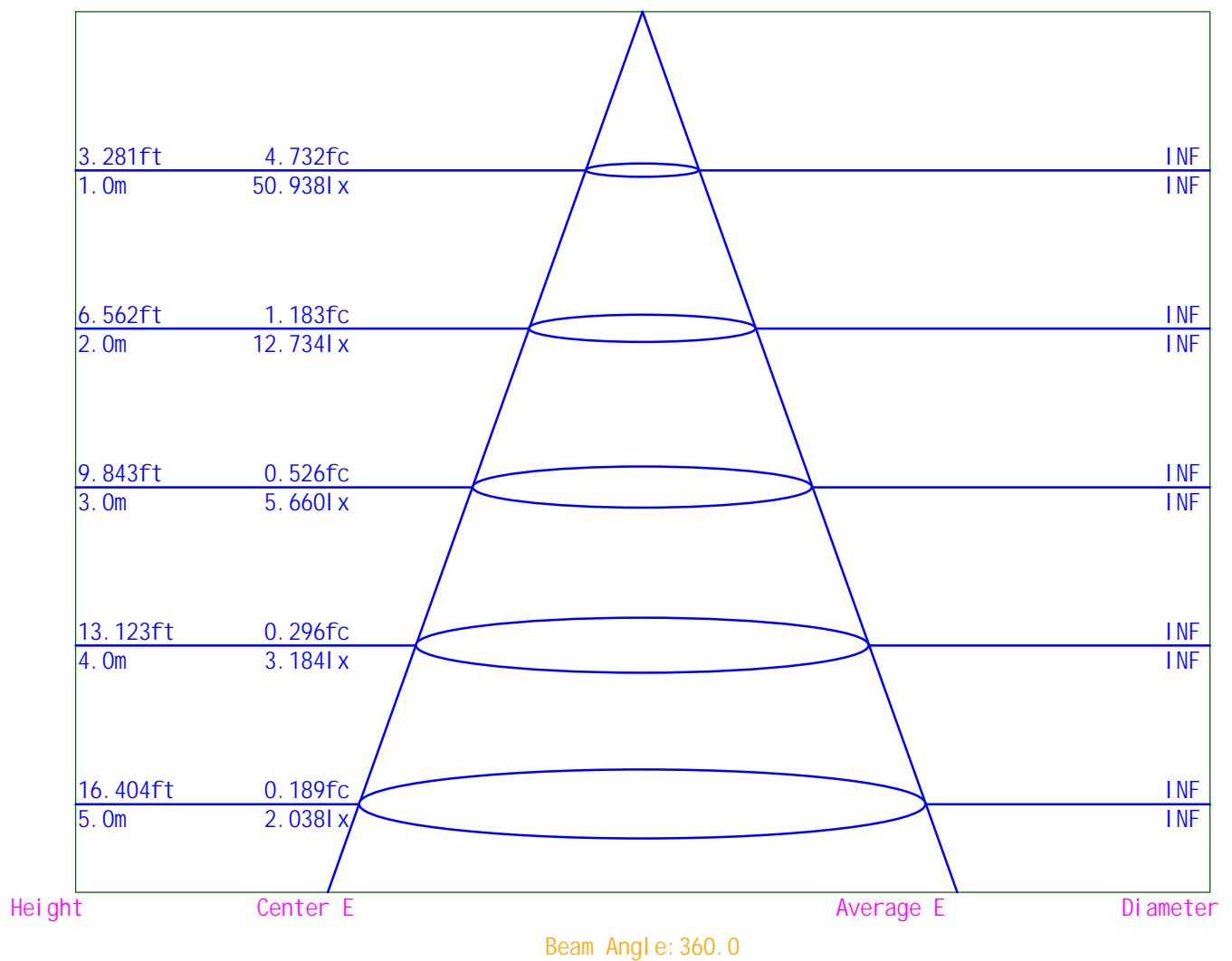
# IES Road Report

Photometric Filename: 12系列100W.IES

## Illuminance-Distance 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

Illuminance-Distance Curve



**IES Road Report**  
**Photometric Filename:12系列100W.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	50.94	50.94	50.94	50.94	50.94	50.94	50.94	50.94	50.94	50.94	50.94	50.94
γ 1.0	52.53	52.36	50.60	50.73	50.94	49.27	52.80	51.51	48.72	50.45	51.29	48.54
γ 2.0	50.43	50.58	51.58	50.64	50.35	48.95	52.37	51.31	50.78	49.65	52.17	46.46
γ 3.0	51.53	52.04	49.24	50.42	49.19	48.48	51.92	51.87	51.15	48.85	48.69	46.75
γ 4.0	50.32	50.92	47.69	50.84	50.50	48.94	51.92	50.81	50.67	50.92	50.15	46.17
γ 5.0	51.31	51.68	49.96	49.49	50.74	48.36	51.33	50.13	49.82	49.17	48.58	46.99
γ 6.0	50.55	51.53	48.18	48.85	49.62	49.26	51.85	50.90	50.19	50.47	48.62	46.81
γ 7.0	50.04	49.63	45.92	48.58	48.42	46.40	51.58	49.63	47.42	49.06	46.76	43.31
γ 8.0	51.12	50.19	47.85	47.33	49.74	46.38	49.65	49.14	47.71	49.35	48.94	46.12
γ 9.0	51.24	50.78	46.82	49.74	51.62	46.49	49.27	48.33	45.59	47.78	46.74	44.90
γ 10.0	49.90	50.42	43.66	47.33	47.60	46.35	49.69	48.85	47.83	47.85	45.98	45.02
γ 11.0	50.08	50.92	45.21	46.08	48.56	46.19	48.79	47.44	46.12	47.88	45.87	43.24
γ 12.0	51.28	49.26	44.13	45.88	46.94	45.72	47.42	46.68	43.17	46.88	44.53	43.54
γ 13.0	48.81	48.72	43.68	42.99	48.07	45.17	45.22	47.60	44.17	44.50	44.49	43.47
γ 14.0	48.29	47.12	45.03	45.42	47.69	43.47	45.59	48.26	43.53	43.75	45.04	43.01
γ 15.0	48.49	48.26	44.15	45.24	45.10	43.72	46.92	46.08	44.15	45.58	43.23	42.65
γ 16.0	47.22	47.29	42.54	44.74	47.30	44.54	44.93	43.84	42.51	43.38	41.21	41.58
γ 17.0	48.40	46.01	45.82	42.34	48.33	42.56	43.95	42.92	42.03	42.49	41.44	40.72
γ 18.0	49.33	47.00	44.51	43.12	47.19	43.24	42.57	44.87	39.66	44.69	42.32	40.19
γ 19.0	46.60	46.53	44.46	42.89	45.53	42.12	45.31	42.65	41.96	43.46	38.36	40.92
γ 20.0	46.67	46.87	44.37	44.06	44.00	41.62	41.77	42.72	39.17	41.79	39.12	38.12
γ 21.0	46.17	46.79	44.46	43.73	45.24	41.65	41.58	40.65	40.22	40.49	40.55	36.33
γ 22.0	46.53	45.12	43.51	43.13	44.52	42.60	41.20	41.07	39.13	40.97	38.22	37.71
γ 23.0	46.35	44.12	43.85	43.35	43.88	42.29	39.51	42.35	38.65	40.39	38.97	36.48
γ 24.0	45.55	45.03	42.52	42.04	45.32	42.35	38.33	40.58	36.47	38.44	35.81	37.00
γ 25.0	45.22	44.37	42.47	42.67	43.58	42.24	38.71	39.83	35.80	38.52	36.84	36.30
γ 26.0	45.10	43.54	42.33	43.35	44.51	43.15	37.38	39.00	35.40	37.09	35.97	35.31
γ 27.0	45.16	43.85	41.31	42.21	43.60	41.65	37.55	36.83	34.94	37.49	34.87	36.27
γ 28.0	43.78	41.59	42.80	42.90	42.44	40.06	37.18	37.67	34.19	37.25	35.39	37.28
γ 29.0	44.89	42.61	41.97	42.04	42.67	39.94	36.65	39.12	34.06	35.51	33.92	34.69
γ 30.0	44.07	42.74	40.74	42.60	42.78	40.65	36.78	38.06	33.72	34.85	34.89	33.23
γ 31.0	43.01	42.56	40.94	41.37	41.57	38.86	36.44	38.40	34.49	34.03	32.72	31.85
γ 32.0	41.63	42.76	40.81	41.86	39.79	39.19	35.11	36.65	33.62	33.60	32.74	31.67
γ 33.0	42.69	41.44	39.88	41.91	41.78	40.21	35.84	35.09	33.21	32.92	33.34	30.94
γ 34.0	43.70	41.27	39.53	42.61	40.75	37.38	34.12	34.99	32.65	32.91	31.05	31.61
γ 35.0	41.89	39.63	41.50	39.98	41.39	38.08	33.71	33.67	31.16	32.37	30.75	31.75
γ 36.0	42.13	41.77	40.99	40.93	39.88	37.26	34.03	34.94	30.40	31.00	30.55	30.34
γ 37.0	41.38	41.22	40.15	40.99	40.89	36.48	34.52	33.33	28.49	31.80	30.60	31.23
γ 38.0	41.60	41.06	39.30	39.24	39.09	36.23	33.07	33.51	29.11	31.09	29.51	28.68
γ 39.0	39.86	39.63	38.35	39.41	38.10	34.84	32.51	31.67	26.04	29.41	29.73	28.35
γ 40.0	39.01	39.37	37.11	37.87	37.02	35.24	32.90	31.27	26.98	29.57	28.09	27.57
γ 41.0	38.69	36.81	38.17	36.80	37.90	35.67	32.45	31.53	26.38	27.33	26.10	26.74
γ 42.0	37.49	37.60	37.97	36.80	35.95	35.42	30.29	29.99	26.15	26.59	25.82	26.58
γ 43.0	36.32	37.26	35.93	36.11	37.20	33.88	30.49	29.89	26.49	25.88	24.20	25.08
γ 44.0	36.69	35.83	36.22	34.69	34.91	34.37	29.52	27.61	24.14	25.42	23.57	26.11

**IES Road Report**  
**Photometric Filename:12系列100W.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	34.80	35.81	33.99	33.21	34.44	31.92	28.67	27.91	24.07	26.34	23.94	24.88
γ 46.0	36.63	35.22	34.71	34.56	31.66	31.39	26.79	26.70	23.54	25.74	24.97	23.28
γ 47.0	37.56	33.28	33.70	33.94	31.05	32.88	28.05	25.94	23.95	24.36	22.70	21.85
γ 48.0	35.68	34.42	34.60	32.03	32.90	31.73	26.03	24.51	22.37	22.42	22.21	22.18
γ 49.0	34.58	32.32	34.28	32.74	30.22	30.17	25.26	24.25	21.76	21.47	22.59	20.72
γ 50.0	34.11	31.94	32.77	32.61	28.92	31.44	26.36	21.89	22.08	22.36	21.83	21.23
γ 51.0	35.10	32.40	33.01	32.20	29.08	30.65	24.40	23.21	20.53	19.83	22.25	18.73
γ 52.0	34.55	31.80	31.25	31.93	28.63	29.76	23.59	22.40	19.56	19.95	20.64	19.08
γ 53.0	31.69	30.06	31.00	29.53	27.59	28.91	26.33	22.43	19.27	18.48	20.17	18.36
γ 54.0	31.39	29.64	29.92	29.93	26.92	29.38	22.45	20.04	18.59	18.41	18.73	17.38
γ 55.0	34.47	30.94	30.60	28.34	25.30	29.04	22.35	21.00	18.45	19.05	19.40	18.42
γ 56.0	31.96	29.42	28.94	28.92	24.49	26.83	22.06	17.87	17.42	17.56	19.67	16.81
γ 57.0	31.75	28.94	27.84	27.16	25.52	24.27	20.58	17.63	15.48	18.03	15.23	15.05
γ 58.0	29.02	25.55	27.01	26.71	25.07	24.40	21.26	17.02	15.45	17.41	16.63	14.44
γ 59.0	27.49	27.94	27.31	25.33	23.42	21.44	20.68	19.18	14.23	17.08	15.78	13.66
γ 60.0	26.88	24.25	26.10	24.01	23.60	23.48	20.03	17.03	14.32	17.26	17.25	13.44
γ 61.0	26.52	24.16	24.07	25.77	23.34	22.46	18.64	17.58	13.41	15.19	14.65	13.94
γ 62.0	25.78	22.67	24.95	23.75	21.58	21.25	17.84	14.43	13.59	13.51	12.52	13.01
γ 63.0	25.16	21.66	24.86	23.59	21.33	19.39	16.66	14.57	11.34	12.52	13.01	11.01
γ 64.0	23.30	20.54	22.56	22.35	19.58	18.57	16.59	15.29	10.15	9.95	13.27	9.06
γ 65.0	22.90	21.40	22.14	20.62	19.80	16.98	15.35	12.84	9.62	11.20	10.11	8.64
γ 66.0	20.98	19.50	20.94	19.33	16.83	15.45	14.44	12.31	9.19	10.13	14.45	7.93
γ 67.0	20.74	18.80	20.23	17.55	16.75	15.03	13.88	12.26	7.65	11.81	12.22	8.35
γ 68.0	20.27	18.56	19.60	17.57	15.02	14.91	13.45	10.90	7.66	9.05	10.89	6.89
γ 69.0	20.09	17.70	18.92	14.72	13.67	14.23	12.29	9.46	6.96	8.44	9.87	4.34
γ 70.0	17.89	17.61	16.63	14.98	12.28	12.08	10.09	9.43	6.20	6.70	11.06	5.29
γ 71.0	16.07	16.88	15.06	13.93	11.87	12.97	10.22	8.22	5.88	4.57	9.65	5.98
γ 72.0	16.49	15.33	15.44	13.90	11.38	11.07	10.88	8.30	5.30	5.30	7.72	4.73
γ 73.0	16.71	14.73	15.69	14.05	10.48	9.88	11.15	8.44	4.05	3.55	9.30	5.05
γ 74.0	13.40	14.45	13.64	13.29	7.99	8.06	9.64	8.18	3.28	2.89	6.54	2.68
γ 75.0	13.41	11.67	12.10	12.84	8.01	8.64	9.39	4.98	4.61	2.55	6.16	0.04
γ 76.0	11.39	11.36	11.60	12.26	8.60	5.97	8.03	4.22	3.69	1.34	5.15	0.00
γ 77.0	13.32	11.25	10.24	10.63	8.01	4.66	7.28	4.84	2.89	2.40	4.39	0.00
γ 78.0	12.89	10.72	10.83	11.14	6.86	5.84	6.92	4.74	0.53	2.19	4.30	0.00
γ 79.0	10.85	9.29	9.08	9.35	5.79	2.84	7.30	2.32	0.00	3.27	6.14	0.00
γ 80.0	11.97	8.52	5.91	8.41	4.73	3.69	5.55	4.36	0.00	2.68	3.53	0.00
γ 81.0	9.30	7.91	6.39	8.06	4.14	6.20	4.51	2.53	0.00	0.55	2.40	0.00
γ 82.0	7.63	6.55	5.97	7.57	5.49	3.46	4.80	3.13	0.00	1.18	1.37	0.00
γ 83.0	7.55	5.86	4.49	7.55	5.03	2.44	2.95	3.83	0.44	1.01	0.82	0.00
γ 84.0	8.04	3.70	4.79	6.21	2.69	3.12	2.43	2.30	2.48	1.18	0.88	0.00
γ 85.0	6.30	3.52	3.60	6.28	2.97	4.05	1.91	2.84	0.00	0.75	0.00	0.00
γ 86.0	6.08	3.12	4.49	4.92	2.74	4.07	2.86	3.88	0.00	0.00	0.00	0.00
γ 87.0	2.15	2.19	2.49	5.65	1.01	2.89	0.00	2.67	0.00	0.16	0.55	0.00
γ 88.0	3.73	1.20	3.56	5.32	0.51	2.83	2.47	1.84	0.00	0.12	0.00	0.00
γ 89.0	3.65	2.13	1.48	6.66	0.21	1.53	2.76	2.22	0.00	0.50	0.25	0.00

**IES Road Report**  
**Photometric Filename:12系列100W.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	3.20	1.69	2.11	5.49	0.00	0.00	2.27	0.14	0.00	0.00	0.00	0.00
γ 91.0	0.90	2.37	2.10	3.76	0.44	0.00	0.19	0.98	0.00	0.63	0.97	0.00
γ 92.0	0.56	3.05	0.47	3.36	0.00	0.00	1.66	1.24	0.00	1.84	0.00	0.00
γ 93.0	0.00	3.38	0.05	3.54	0.00	0.00	2.04	2.81	0.00	1.26	2.32	0.00
γ 94.0	1.95	2.34	0.81	3.26	0.05	1.30	2.28	3.78	0.00	1.32	4.77	0.00
γ 95.0	0.71	3.30	2.56	3.37	0.00	2.72	2.77	3.54	1.58	3.38	4.05	0.00
γ 96.0	1.64	4.32	2.80	3.25	1.41	1.21	4.20	5.70	3.57	4.22	5.49	0.00
γ 97.0	1.98	3.98	2.37	5.03	2.72	0.00	5.36	5.73	4.89	5.49	5.39	0.00
γ 98.0	3.60	5.44	4.07	4.64	1.88	3.20	5.20	8.02	8.15	6.26	7.16	0.00
γ 99.0	4.81	5.89	6.49	5.01	4.66	4.26	7.36	8.99	9.52	7.87	9.66	0.00
γ 100.0	7.95	8.77	7.43	7.02	6.50	2.90	9.44	9.03	10.73	10.48	12.77	0.00
γ 101.0	11.53	9.72	6.82	7.08	8.70	5.01	12.69	11.83	14.91	12.19	31.95	1.18
γ 102.0	28.15	13.09	9.16	9.44	11.98	9.28	34.33	13.56	18.22	16.17	63.21	1.64
γ 103.0	60.10	17.24	14.69	13.84	26.55	12.63	69.89	18.52	20.30	21.42	113.28	12.06
γ 104.0	104.32	22.46	17.41	18.88	57.05	18.38	120.16	27.67	24.19	54.08	172.95	22.74
γ 105.0	153.73	26.92	20.42	22.90	94.83	27.76	193.68	89.82	31.31	121.64	239.62	33.20
γ 106.0	227.65	31.90	25.75	29.33	151.35	39.16	261.27	176.97	40.26	192.07	333.98	51.11
γ 107.0	291.97	55.87	29.92	36.70	212.65	52.03	355.29	277.16	128.29	291.11	412.55	82.35
γ 108.0	376.24	121.16	38.22	89.14	268.20	82.26	443.98	380.52	219.32	422.40	522.32	148.15
γ 109.0	452.57	199.05	45.48	160.73	359.30	142.49	573.41	467.08	292.45	505.61	630.21	237.63
γ 110.0	578.95	306.64	130.68	230.35	429.07	226.74	674.50	630.97	404.67	637.04	733.43	334.17
γ 111.0	672.98	420.08	218.20	325.05	534.35	329.01	822.24	714.34	554.58	752.44	885.91	439.51
γ 112.0	773.88	502.55	280.61	457.54	649.95	429.95	944.09	884.52	615.70	888.79	998.38	547.41
γ 113.0	931.67	650.41	390.92	531.35	745.22	531.88	1058.67	963.78	795.62	986.59	1120.15	666.80
γ 114.0	1057.04	723.74	525.34	664.91	873.55	640.05	1199.53	1168.99	855.77	1175.49	1221.04	784.61
γ 115.0	1154.79	887.09	584.82	763.55	1029.66	753.02	1304.09	1252.28	1060.68	1255.55	1358.69	903.49
γ 116.0	1295.05	956.91	753.67	902.13	1143.77	869.78	1451.20	1403.37	1124.55	1438.19	1470.09	1023.28
γ 117.0	1397.97	1158.53	808.74	979.30	1263.28	989.54	1563.76	1578.65	1297.79	1581.82	1609.91	1145.76
γ 118.0	1541.26	1235.72	994.48	1172.36	1384.92	1114.71	1718.49	1667.59	1431.01	1668.44	1717.06	1266.72
γ 119.0	1657.14	1351.89	1058.58	1244.99	1503.92	1232.48	1836.41	1823.19	1504.61	1837.67	1869.61	1405.11
γ 120.0	1805.69	1549.40	1180.35	1382.37	1637.66	1358.81	1989.54	2031.46	1720.13	2020.87	1992.34	1533.96
γ 121.0	1929.37	1632.73	1348.85	1549.94	1774.45	1481.91	2119.72	2125.02	1834.83	2114.73	2113.75	1652.35
γ 122.0	2053.36	1728.97	1414.60	1634.22	1893.50	1607.40	2245.33	2227.07	1917.78	2209.56	2263.96	1786.30
γ 123.0	2193.71	1957.83	1568.92	1744.58	2043.18	1725.13	2401.25	2425.68	2075.52	2413.29	2388.97	1912.95
γ 124.0	2324.97	2059.16	1733.51	1965.22	2163.38	1854.39	2527.56	2612.21	2282.37	2592.06	2498.29	2033.78
γ 125.0	2433.62	2145.90	1808.45	2056.31	2294.72	1976.51	2662.29	2706.23	2361.83	2684.08	2617.27	2157.48
γ 126.0	2546.20	2256.71	1909.39	2143.10	2409.59	2091.17	2784.00	2798.67	2450.21	2775.41	2733.89	2270.27
γ 127.0	2651.79	2480.27	2135.14	2260.24	2525.60	2220.84	2900.22	2902.50	2599.97	2868.44	2853.83	2402.31
γ 128.0	2761.88	2601.35	2228.31	2491.05	2627.45	2340.05	3020.43	3007.05	2832.28	2970.00	2960.74	2509.77
γ 129.0	2868.25	2689.05	2307.18	2593.59	2722.50	2460.19	3114.33	3105.67	2920.51	3065.35	3058.52	2621.32
γ 130.0	2967.19	2767.09	2396.27	2678.17	2814.82	2580.25	3207.80	3203.70	2999.58	3159.61	3143.25	2730.61
γ 131.0	3066.01	2848.74	2619.05	2759.08	2905.67	2694.09	3298.93	3298.64	3082.99	3251.61	3235.07	2846.57
γ 132.0	3156.10	2929.66	2754.58	2831.94	2998.63	2816.85	3393.53	3387.82	3175.28	3337.95	3324.73	2955.85
γ 133.0	3249.16	3010.17	2827.60	2907.78	3085.21	2904.23	3484.81	3479.13	3265.92	3424.98	3410.20	3056.69
γ 134.0	3335.74	3098.84	2899.57	2994.11	3170.32	2989.92	3567.06	3565.64	3354.72	3510.06	3492.75	3142.13

**IES Road Report**  
**Photometric Filename:12系列100W.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	3415.51	3183.27	2966.00	3075.41	3252.64	3070.28	3651.16	3649.33	3436.85	3585.07	3570.06	3226.36
γ 136.0	3492.70	3262.72	3034.14	3158.39	3331.55	3146.48	3734.04	3727.29	3515.28	3662.84	3640.77	3312.51
γ 137.0	3566.67	3344.00	3108.52	3240.41	3410.33	3235.41	3809.36	3803.77	3596.62	3738.66	3713.07	3399.93
γ 138.0	3643.25	3417.14	3183.62	3313.27	3477.94	3320.40	3881.01	3872.23	3675.25	3807.38	3780.72	3481.97
γ 139.0	3706.81	3493.05	3258.59	3386.97	3545.82	3395.87	3946.55	3943.87	3746.63	3872.48	3832.66	3556.83
γ 140.0	3771.18	3565.67	3329.98	3460.37	3614.08	3471.31	4010.83	4007.55	3817.32	3937.38	3893.60	3623.69
γ 141.0	3838.78	3635.80	3401.97	3526.66	3672.85	3548.73	4070.24	4067.76	3883.45	3992.54	3950.97	3699.44
γ 142.0	3894.74	3701.72	3471.84	3593.60	3734.44	3620.75	4124.29	4129.00	3948.36	4049.34	3998.04	3769.46
γ 143.0	3951.95	3765.65	3539.16	3657.93	3791.77	3686.89	4179.83	4175.02	4011.37	4100.37	4050.58	3824.36
γ 144.0	4006.14	3825.02	3602.30	3715.63	3842.66	3748.85	4232.65	4226.88	4067.42	4149.11	4093.11	3881.29
γ 145.0	4052.59	3883.21	3665.39	3778.65	3894.29	3804.56	4279.06	4276.42	4123.25	4192.72	4135.58	3939.72
γ 146.0	4104.94	3939.00	3726.49	3832.61	3943.44	3860.42	4323.23	4318.85	4175.13	4233.89	4179.41	3985.46
γ 147.0	4152.25	3991.89	3779.53	3885.35	3988.06	3912.42	4367.98	4357.50	4221.38	4268.84	4216.42	4040.38
γ 148.0	4193.55	4039.08	3832.26	3932.73	4031.97	3961.60	4404.63	4391.85	4264.17	4302.83	4251.42	4078.60
γ 149.0	4234.63	4084.91	3883.22	3976.82	4073.26	4010.56	4441.05	4421.93	4306.15	4329.65	4286.69	4126.29
γ 150.0	4273.97	4126.67	3933.91	4024.39	4113.75	4055.77	4478.23	4448.23	4344.43	4359.42	4316.42	4166.35
γ 151.0	4307.96	4168.43	3977.34	4063.51	4148.06	4099.42	4512.52	4473.83	4376.75	4379.81	4348.93	4211.31
γ 152.0	4339.00	4201.86	4019.80	4099.48	4181.49	4141.46	4543.51	4493.35	4406.60	4395.40	4374.48	4245.38
γ 153.0	4373.44	4234.30	4062.82	4134.29	4211.75	4180.04	4566.00	4508.57	4432.54	4408.77	4398.48	4284.96
γ 154.0	4403.76	4265.54	4101.50	4166.10	4240.13	4220.20	4594.58	4522.21	4458.40	4418.39	4420.74	4318.62
γ 155.0	4430.03	4287.82	4134.90	4192.29	4266.71	4254.79	4618.52	4531.00	4475.56	4426.37	4437.37	4349.58
γ 156.0	4454.79	4312.25	4166.17	4216.11	4293.10	4283.72	4637.49	4534.42	4489.58	4433.34	4455.30	4379.16
γ 157.0	4481.19	4331.46	4195.77	4234.51	4317.87	4315.26	4658.48	4537.88	4502.19	4438.17	4468.90	4405.48
γ 158.0	4498.85	4349.44	4223.45	4251.87	4338.26	4344.51	4674.44	4541.13	4511.38	4440.96	4485.96	4425.58
γ 159.0	4514.62	4368.56	4247.59	4270.44	4356.67	4367.94	4686.67	4543.29	4519.48	4442.94	4496.29	4441.63
γ 160.0	4530.35	4383.40	4264.00	4287.15	4370.54	4389.77	4703.32	4545.20	4528.77	4440.44	4504.00	4463.11
γ 161.0	4538.42	4395.81	4283.21	4299.44	4380.11	4414.55	4710.35	4546.04	4526.71	4443.06	4508.96	4475.35
γ 162.0	4542.39	4405.85	4302.67	4312.31	4386.66	4431.50	4710.02	4546.46	4530.52	4445.99	4506.72	4483.30
γ 163.0	4542.19	4417.56	4316.68	4316.39	4391.04	4440.67	4709.58	4541.78	4533.25	4445.68	4498.93	4490.20
γ 164.0	4538.84	4427.25	4325.48	4326.54	4391.78	4449.77	4702.35	4538.61	4531.92	4444.46	4487.34	4490.54
γ 165.0	4531.55	4438.99	4336.48	4335.52	4387.89	4447.88	4690.06	4538.72	4533.25	4446.86	4472.08	4481.25
γ 166.0	4533.41	4454.40	4346.10	4347.46	4388.60	4445.44	4678.85	4537.94	4530.25	4450.67	4460.38	4468.56
γ 167.0	4534.94	4465.23	4359.26	4358.61	4391.08	4434.27	4671.90	4538.36	4524.38	4449.33	4458.40	4452.65
γ 168.0	4530.98	4468.09	4371.18	4366.01	4389.99	4425.12	4662.15	4542.71	4526.73	4448.44	4453.35	4440.64
γ 169.0	4533.66	4477.60	4376.07	4374.29	4393.31	4420.45	4662.65	4541.13	4524.29	4447.98	4447.65	4436.75
γ 170.0	4540.20	4485.22	4381.19	4378.58	4394.05	4419.04	4657.88	4535.05	4524.45	4443.45	4448.92	4429.10
γ 171.0	4548.43	4494.49	4385.87	4387.27	4395.71	4417.61	4656.74	4533.44	4521.33	4440.90	4452.29	4428.25
γ 172.0	4555.74	4507.12	4393.56	4399.82	4405.45	4416.81	4654.78	4530.04	4517.41	4441.92	4452.46	4430.88
γ 173.0	4556.78	4517.83	4405.87	4407.78	4409.58	4421.14	4658.49	4531.19	4512.41	4443.08	4450.98	4434.52
γ 174.0	4559.64	4527.40	4408.31	4412.99	4415.92	4424.76	4653.19	4534.42	4508.14	4445.04	4445.02	4429.57
γ 175.0	4565.79	4532.08	4410.94	4420.56	4418.81	4427.21	4645.19	4533.24	4507.02	4440.63	4441.02	4428.16
γ 176.0	4575.77	4533.67	4415.85	4428.72	4427.57	4427.46	4645.75	4528.17	4501.22	4434.19	4442.45	4430.79
γ 177.0	4583.42	4539.46	4418.60	4433.77	4433.61	4427.87	4646.69	4521.24	4489.55	4425.16	4444.30	4436.42
γ 178.0	4583.16	4544.06	4425.20	4436.81	4440.88	4436.44	4649.99	4513.47	4485.25	4420.05	4440.75	4433.95
γ 179.0	4582.41	4550.30	4431.50	4439.15	4439.60	4438.79	4646.56	4508.14	4482.92	4418.41	4436.76	4427.06

