

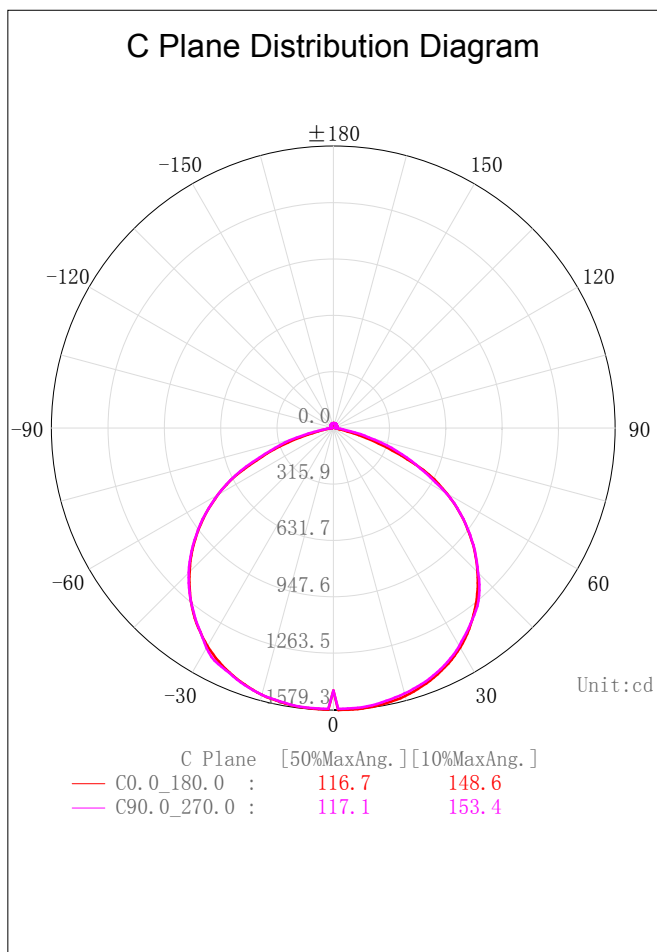
**Road Luminaire Photometric Data**

**Description Information**

Luminary Name: 50W	Lum. Catalog: GT-SOL-603	Test ID:
Lamp Name: SMD	Lamp Catalog:	Test Date: 2020/01/08
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**

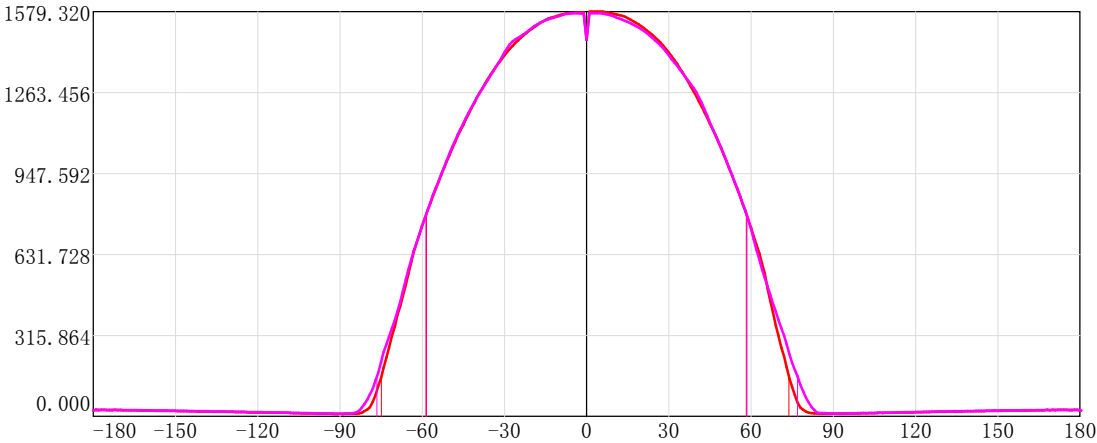
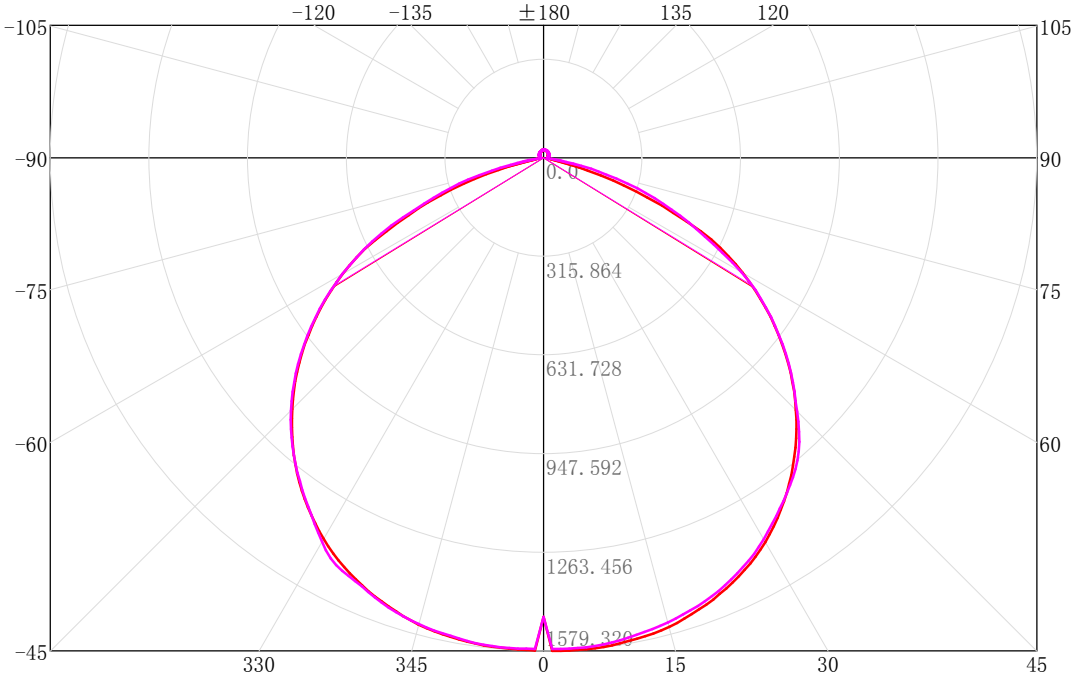
Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 4381.960	Luminary Flux(lm): 4381.964	Down Lumens&Percent: 4381.911lm 97.60%
Rated Power(W):	Luminary Efficiency: 100.00%	Up Lumens&Percent: 104.053lm 2.40%
Rated Voltage(V):	Luminary EER(lm/W): 86.639	76° Flash Area(m2):
Tested Power(W): 50.000	Max. Candela(cd): 1579.320	SLI: 0.000
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=5.0	IES Classification: Type II
Tested Electrics(V, A, pf):6.2, 0.000, 0.000	Half Peak Angle(°): L=-58.4, R=58.3	Longitudinal Classfct: Very Short
Lamp Size(W*L*H):0.000m*0.000m*0.000m	Field Angle(10%Imax): 148.6(°)	Cutoff Classification: Cutoff



**2D Plane Light Intensity Distribution Curve**

Lum. Name: 50W	Lum. Catalog: GT-SOL-603	Test ID:
Lamp Name: SMD	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/01/08

**C Plane Distribution Diagram**

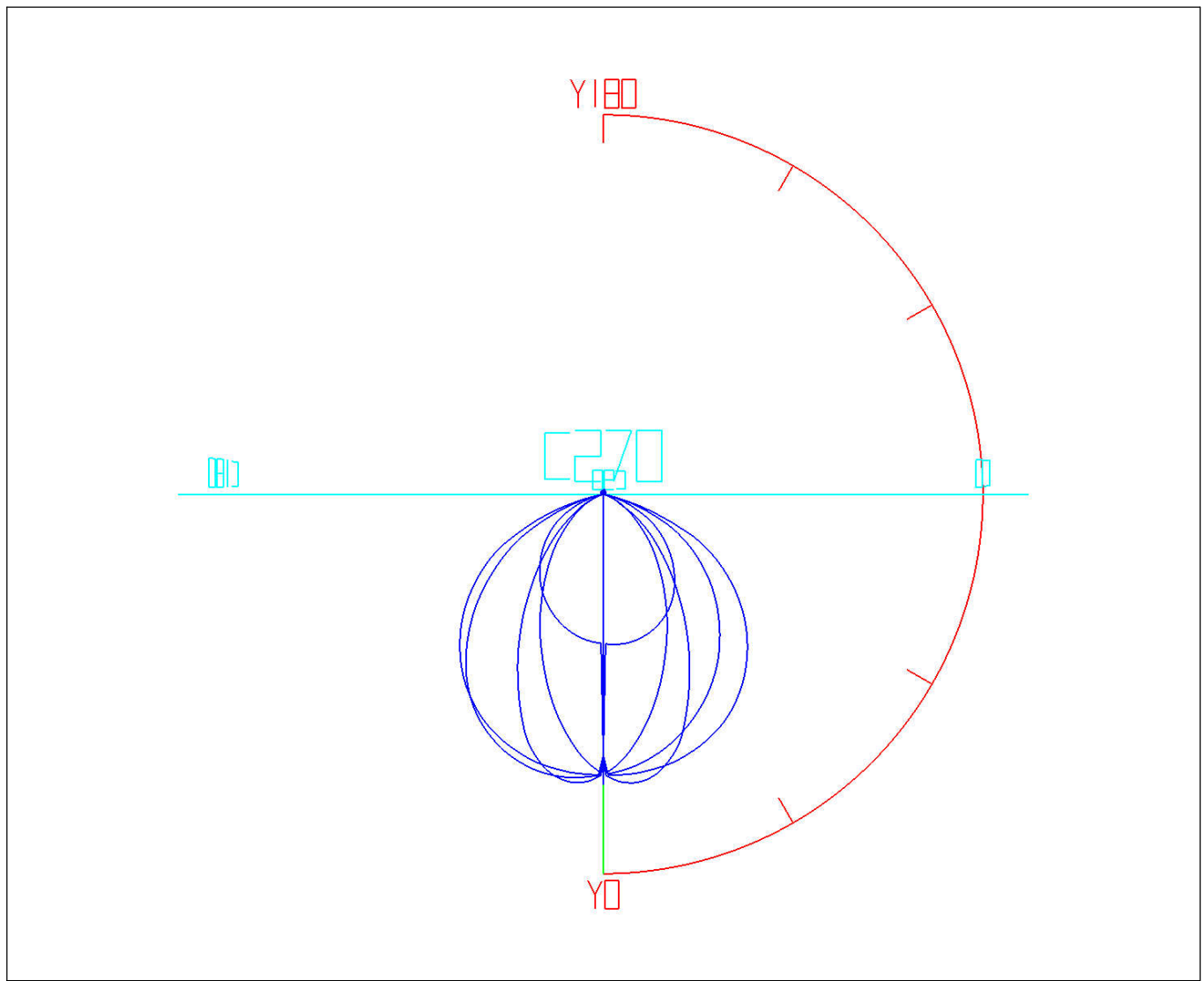


<span style="color:red">—</span>	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
<span style="color:magenta">—</span>	C0.0_180.0 :	116.7	148.6	
	C90.0_270.0 :	117.1	153.4	

### 3D Light Intensity Distribution Modal

Lum. Name: 50W	Lum. Catalog: GT-SOL-603	Test ID:
Lamp Name: SMD	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/01/08

### 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:50W-603.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	1.40	1.40	0.03	0.03	47.0-48.0	81.63	2600.33	1.88	60.03
1.0-2.0	4.17	5.56	0.10	0.13	48.0-49.0	81.07	2681.40	1.87	61.90
2.0-3.0	6.94	12.51	0.16	0.29	49.0-50.0	80.40	2761.80	1.86	63.75
3.0-4.0	9.72	22.23	0.22	0.51	50.0-51.0	79.59	2841.39	1.84	65.59
4.0-5.0	12.49	34.71	0.29	0.80	51.0-52.0	78.66	2920.05	1.82	67.41
5.0-6.0	15.25	49.96	0.35	1.15	52.0-53.0	77.61	2997.66	1.79	69.20
6.0-7.0	18.00	67.96	0.42	1.57	53.0-54.0	76.39	3074.05	1.76	70.96
7.0-8.0	20.73	88.70	0.48	2.05	54.0-55.0	75.03	3149.08	1.73	72.69
8.0-9.0	23.44	112.14	0.54	2.59	55.0-56.0	73.51	3222.59	1.70	74.39
9.0-10.0	26.13	138.27	0.60	3.19	56.0-57.0	71.88	3294.47	1.66	76.05
10.0-11.0	28.80	167.07	0.66	3.86	57.0-58.0	70.15	3364.62	1.62	77.67
11.0-12.0	31.44	198.51	0.73	4.58	58.0-59.0	68.31	3432.93	1.58	79.25
12.0-13.0	34.05	232.55	0.79	5.37	59.0-60.0	66.31	3499.24	1.53	80.78
13.0-14.0	36.63	269.18	0.85	6.21	60.0-61.0	64.15	3563.39	1.48	82.26
14.0-15.0	39.17	308.35	0.90	7.12	61.0-62.0	61.81	3625.20	1.43	83.68
15.0-16.0	41.67	350.02	0.96	8.08	62.0-63.0	59.31	3684.51	1.37	85.05
16.0-17.0	44.13	394.14	1.02	9.10	63.0-64.0	56.61	3741.13	1.31	86.36
17.0-18.0	46.54	440.68	1.07	10.17	64.0-65.0	53.65	3794.77	1.24	87.60
18.0-19.0	48.90	489.58	1.13	11.30	65.0-66.0	50.54	3845.31	1.17	88.77
19.0-20.0	51.22	540.81	1.18	12.48	66.0-67.0	47.31	3892.62	1.09	89.86
20.0-21.0	53.49	594.30	1.23	13.72	67.0-68.0	43.98	3936.60	1.02	90.87
21.0-22.0	55.69	649.99	1.29	15.00	68.0-69.0	40.57	3977.17	0.94	91.81
22.0-23.0	57.84	707.83	1.34	16.34	69.0-70.0	37.13	4014.30	0.86	92.67
23.0-24.0	59.92	767.74	1.38	17.72	70.0-71.0	33.80	4048.09	0.78	93.45
24.0-25.0	61.94	829.68	1.43	19.15	71.0-72.0	30.49	4078.58	0.70	94.15
25.0-26.0	63.89	893.57	1.47	20.63	72.0-73.0	27.07	4105.65	0.62	94.78
26.0-27.0	65.77	959.34	1.52	22.15	73.0-74.0	23.54	4129.19	0.54	95.32
27.0-28.0	67.58	1026.92	1.56	23.71	74.0-75.0	20.17	4149.36	0.47	95.78
28.0-29.0	69.28	1096.20	1.60	25.31	75.0-76.0	16.96	4166.32	0.39	96.18
29.0-30.0	70.89	1167.10	1.64	26.94	76.0-77.0	13.95	4180.27	0.32	96.50
30.0-31.0	72.40	1239.50	1.67	28.61	77.0-78.0	11.24	4191.51	0.26	96.76
31.0-32.0	73.82	1313.32	1.70	30.32	78.0-79.0	8.76	4200.27	0.20	96.96
32.0-33.0	75.12	1388.44	1.73	32.05	79.0-80.0	6.67	4206.94	0.15	97.11
33.0-34.0	76.33	1464.77	1.76	33.81	80.0-81.0	5.00	4211.93	0.12	97.23
34.0-35.0	77.43	1542.20	1.79	35.60	81.0-82.0	3.60	4215.54	0.08	97.31
35.0-36.0	78.45	1620.65	1.81	37.41	82.0-83.0	2.51	4218.04	0.06	97.37
36.0-37.0	79.36	1700.01	1.83	39.24	83.0-84.0	1.83	4219.87	0.04	97.41
37.0-38.0	80.16	1780.17	1.85	41.09	84.0-85.0	1.49	4221.36	0.03	97.45
38.0-39.0	80.87	1861.05	1.87	42.96	85.0-86.0	1.36	4222.72	0.03	97.48
39.0-40.0	81.46	1942.51	1.88	44.84	86.0-87.0	1.33	4224.06	0.03	97.51
40.0-41.0	81.92	2024.43	1.89	46.73	87.0-88.0	1.31	4225.37	0.03	97.54
41.0-42.0	82.27	2106.70	1.90	48.63	88.0-89.0	1.29	4226.65	0.03	97.57
42.0-43.0	82.49	2189.19	1.90	50.54	89.0-90.0	1.26	4227.91	0.03	97.60
43.0-44.0	82.57	2271.76	1.91	52.44	90.0-91.0	1.23	4229.15	0.03	97.63
44.0-45.0	82.52	2354.28	1.90	54.35	91.0-92.0	1.24	4230.39	0.03	97.66
45.0-46.0	82.35	2436.63	1.90	56.25	92.0-93.0	1.26	4231.65	0.03	97.68
46.0-47.0	82.06	2518.69	1.89	58.14	93.0-94.0	1.27	4232.92	0.03	97.71

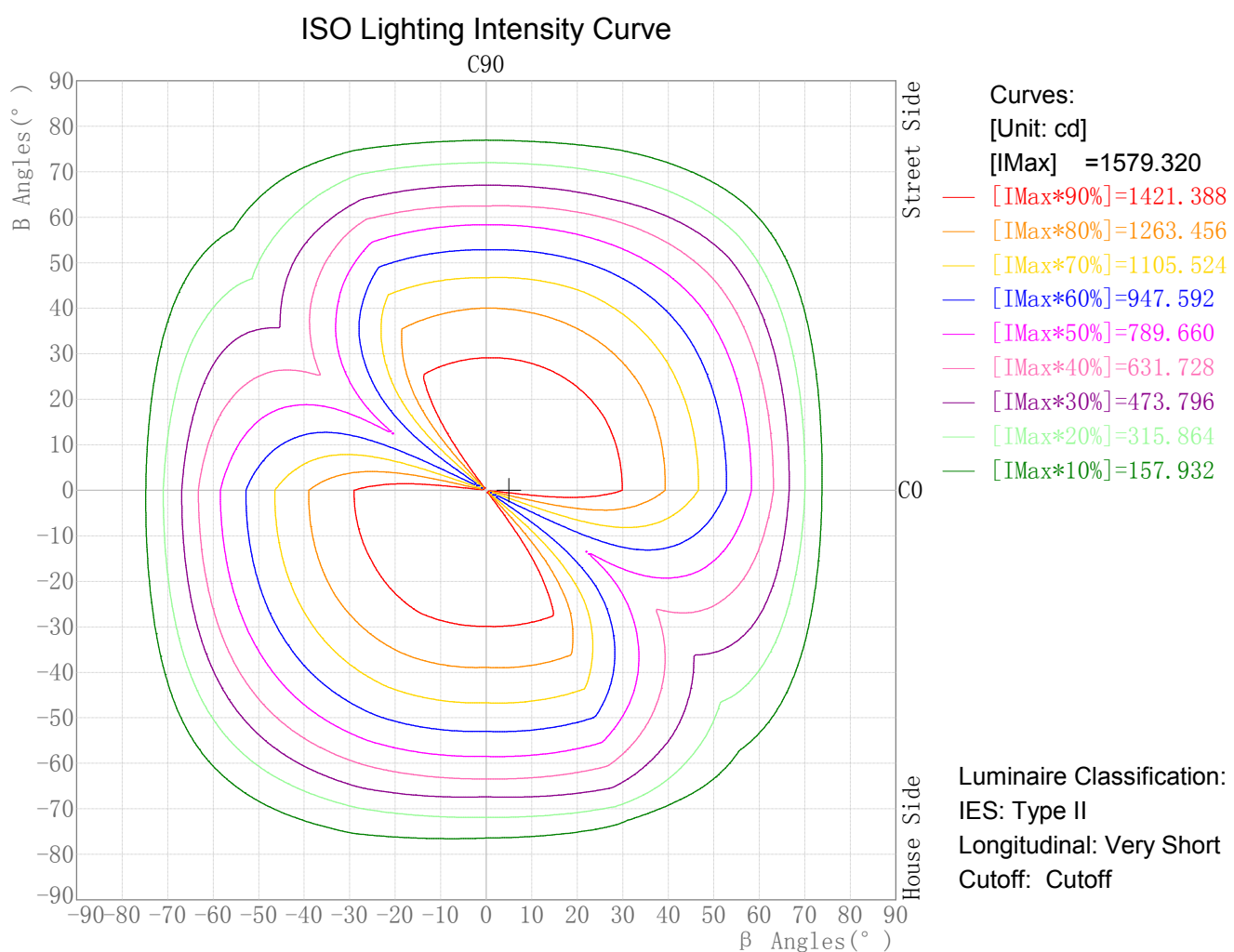
**IES Road Report**  
**Photometric Filename:50W-603.IES**

**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
94.0-95.0	1.29	4234.21	0.03	97.74	141.0-142.0	1.35	4303.05	0.03	99.33
95.0-96.0	1.31	4235.52	0.03	97.77	142.0-143.0	1.33	4306.39	0.03	99.36
96.0-97.0	1.31	4236.83	0.03	97.80	143.0-144.0	1.31	4308.70	0.03	99.39
97.0-98.0	1.33	4238.16	0.03	97.83	144.0-145.0	1.29	4310.99	0.03	99.42
98.0-99.0	1.34	4239.50	0.03	97.87	145.0-146.0	1.27	4312.26	0.03	99.45
99.0-100.0	1.35	4240.85	0.03	97.90	146.0-147.0	1.24	4314.50	0.03	99.48
100.0-101.0	1.37	4242.22	0.03	97.93	147.0-148.0	1.22	4316.72	0.03	99.51
101.0-102.0	1.39	4243.61	0.03	97.96	148.0-149.0	1.19	4318.91	0.03	99.54
102.0-103.0	1.40	4245.00	0.03	97.99	149.0-150.0	1.16	4320.08	0.03	99.56
103.0-104.0	1.42	4246.43	0.03	98.03	150.0-151.0	1.14	4322.22	0.03	99.59
104.0-105.0	1.43	4247.86	0.03	98.06	151.0-152.0	1.12	4324.34	0.03	99.62
105.0-106.0	1.45	4249.30	0.03	98.09	152.0-153.0	1.09	4326.43	0.03	99.64
106.0-107.0	1.46	4250.76	0.03	98.13	153.0-154.0	1.06	4328.49	0.02	99.67
107.0-108.0	1.46	4252.23	0.03	98.16	154.0-155.0	1.03	4330.52	0.02	99.69
108.0-109.0	1.48	4253.70	0.03	98.19	155.0-156.0	1.00	4332.52	0.02	99.71
109.0-110.0	1.49	4255.20	0.03	98.23	156.0-157.0	0.96	4334.48	0.02	99.74
110.0-111.0	1.50	4256.69	0.03	98.26	157.0-158.0	0.93	4336.41	0.02	99.76
111.0-112.0	1.51	4258.21	0.03	98.30	158.0-159.0	0.90	4338.31	0.02	99.78
112.0-113.0	1.53	4259.73	0.04	98.33	159.0-160.0	0.87	4340.17	0.02	99.80
113.0-114.0	1.52	4261.26	0.04	98.37	160.0-161.0	0.83	4342.00	0.02	99.82
114.0-115.0	1.54	4262.79	0.04	98.40	161.0-162.0	0.79	4346.79	0.02	99.83
115.0-116.0	1.55	4264.34	0.04	98.44	162.0-163.0	0.75	4348.54	0.02	99.85
116.0-117.0	1.55	4265.88	0.04	98.47	163.0-164.0	0.71	4350.25	0.02	99.87
117.0-118.0	1.55	4267.44	0.04	98.51	164.0-165.0	0.67	4352.93	0.02	99.88
118.0-119.0	1.56	4268.99	0.04	98.55	165.0-166.0	0.64	4354.57	0.01	99.90
119.0-120.0	1.56	4270.55	0.04	98.58	166.0-167.0	0.59	4356.16	0.01	99.91
120.0-121.0	1.57	4272.12	0.04	98.62	167.0-168.0	0.55	4358.71	0.01	99.93
121.0-122.0	1.56	4273.68	0.04	98.65	168.0-169.0	0.51	4360.23	0.01	99.94
122.0-123.0	1.55	4275.24	0.04	98.69	169.0-170.0	0.47	4362.70	0.01	99.95
123.0-124.0	1.54	4276.78	0.04	98.73	170.0-171.0	0.43	4364.12	0.01	99.96
124.0-125.0	1.53	4278.31	0.04	98.76	171.0-172.0	0.38	4366.51	0.01	99.97
125.0-126.0	1.53	4279.84	0.04	98.80	172.0-173.0	0.34	4368.85	0.01	99.97
126.0-127.0	1.53	4281.37	0.04	98.83	173.0-174.0	0.29	4370.14	0.01	99.98
127.0-128.0	1.52	4282.89	0.04	98.87	174.0-175.0	0.25	4372.39	0.01	99.99
128.0-129.0	1.51	4284.40	0.03	98.90	175.0-176.0	0.21	4374.60	0.00	99.99
129.0-130.0	1.50	4285.90	0.03	98.94	176.0-177.0	0.16	4376.76	0.00	100.00
130.0-131.0	1.49	4287.39	0.03	98.97	177.0-178.0	0.11	4378.87	0.00	100.00
131.0-132.0	1.49	4288.88	0.03	99.01	178.0-179.0	0.07	4380.94	0.00	100.00
132.0-133.0	1.48	4290.36	0.03	99.04	179.0-180.0	0.02	4381.96	0.00	100.00
133.0-134.0	1.46	4291.82	0.03	99.07					
134.0-135.0	1.45	4293.27	0.03	99.11					
135.0-136.0	1.44	4294.71	0.03	99.14					
136.0-137.0	1.43	4296.14	0.03	99.17					
137.0-138.0	1.42	4297.56	0.03	99.21					
138.0-139.0	1.40	4298.96	0.03	99.24					
139.0-140.0	1.38	4300.34	0.03	99.27					
140.0-141.0	1.37	4301.71	0.03	99.30					

**Rectangle ISO Lighting Intensity Diagram**

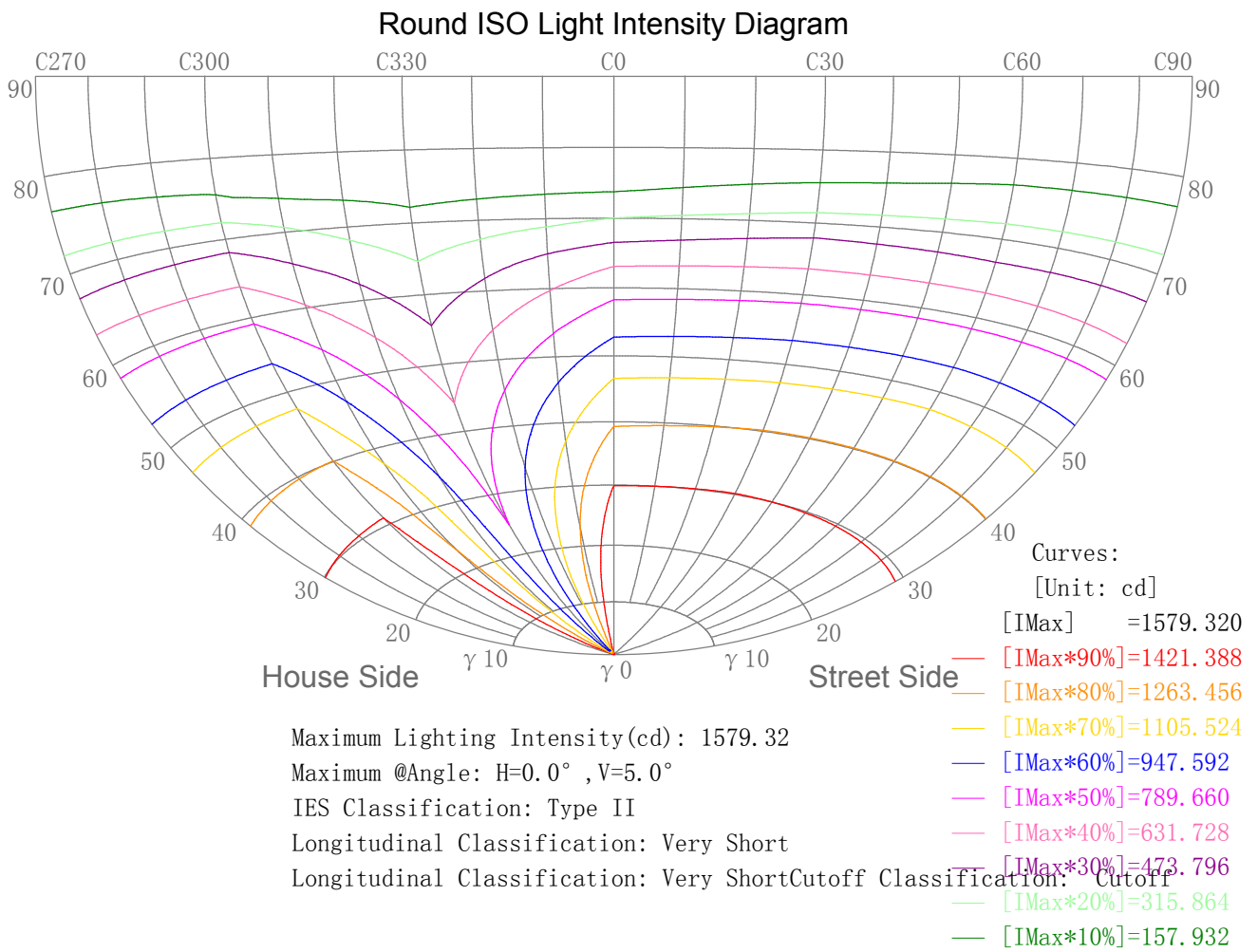
Lum. Name: 50W	Lum. Catalog: GT-SOL-603	Test ID:
Lamp Name: SMD	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/01/08



Maximum Light Intensity(cd): 1579.32  
 Maximum Cand.@Angle: H=5.0°,V=0.0°

**Round ISO Lighting Intensity Diagram**

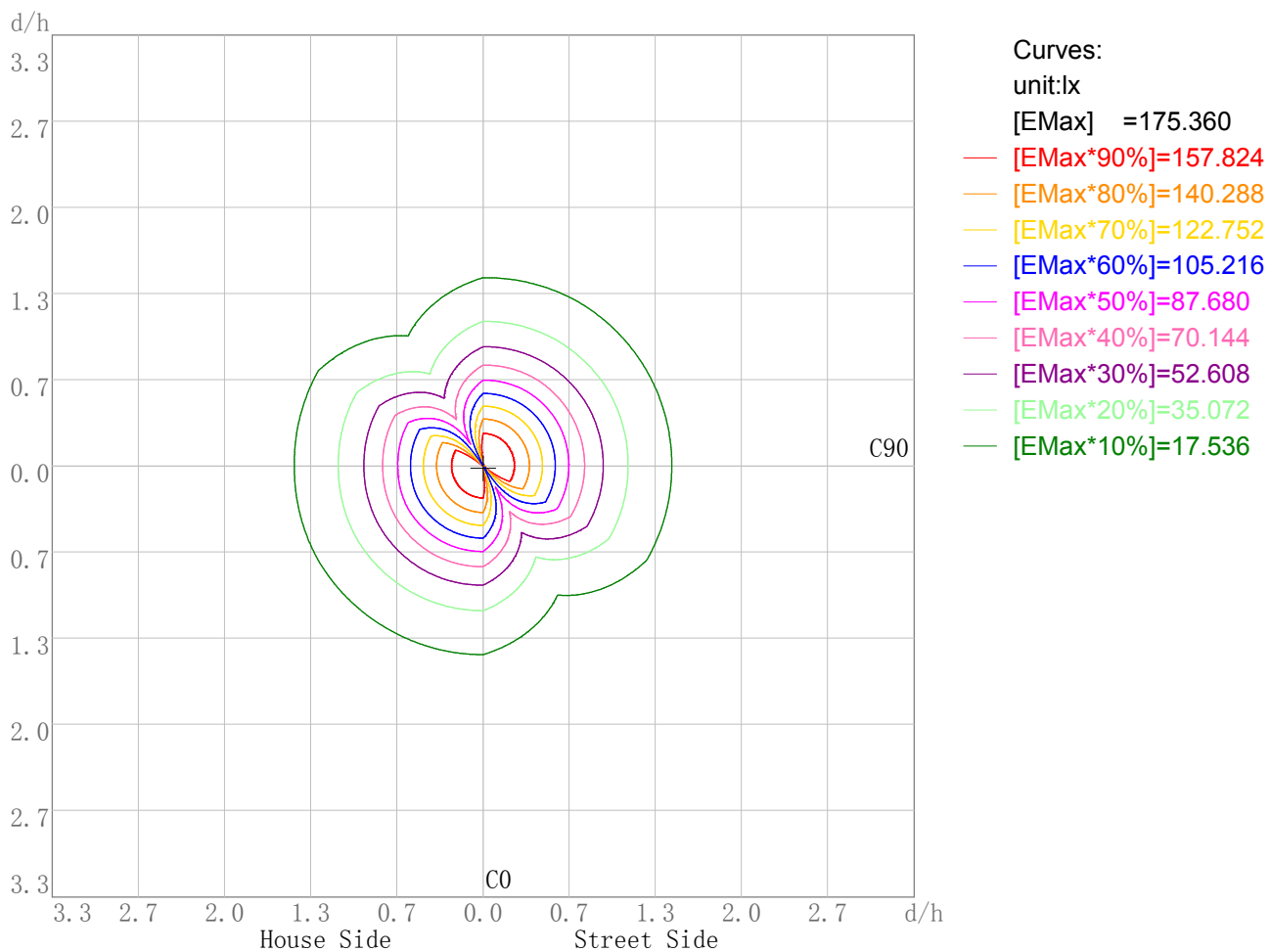
Lum. Name: 50W	Lum. Catalog: GT-SOL-603	Test ID:
Lamp Name: SMD	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/01/08



**Plane ISO-Illuminance Diagram**

Lum. Name: 50W	Lum. Catalog: GT-SOL-603	Test ID:
Lamp Name: SMD	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/01/08

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00  
 Working Plane Maximum Illuminance(lx): 175.36  
 Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

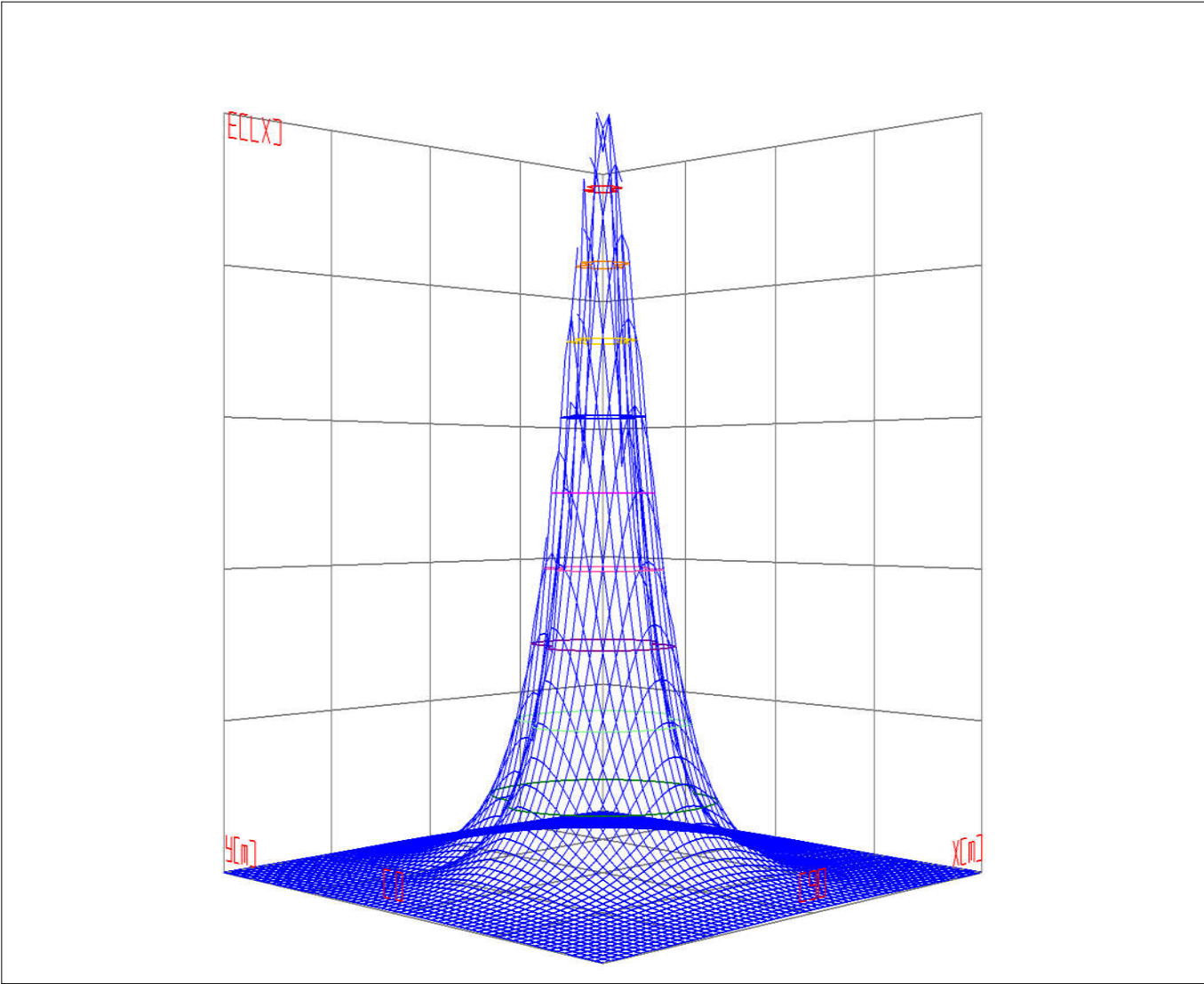
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**3D Plane ISO Illuminance Diagram**

Lum. Name: 50W	Lum. Catalog: GT-SOL-603	Test ID:
Lamp Name: SMD	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/01/08

3D Plane Illuminance Modal

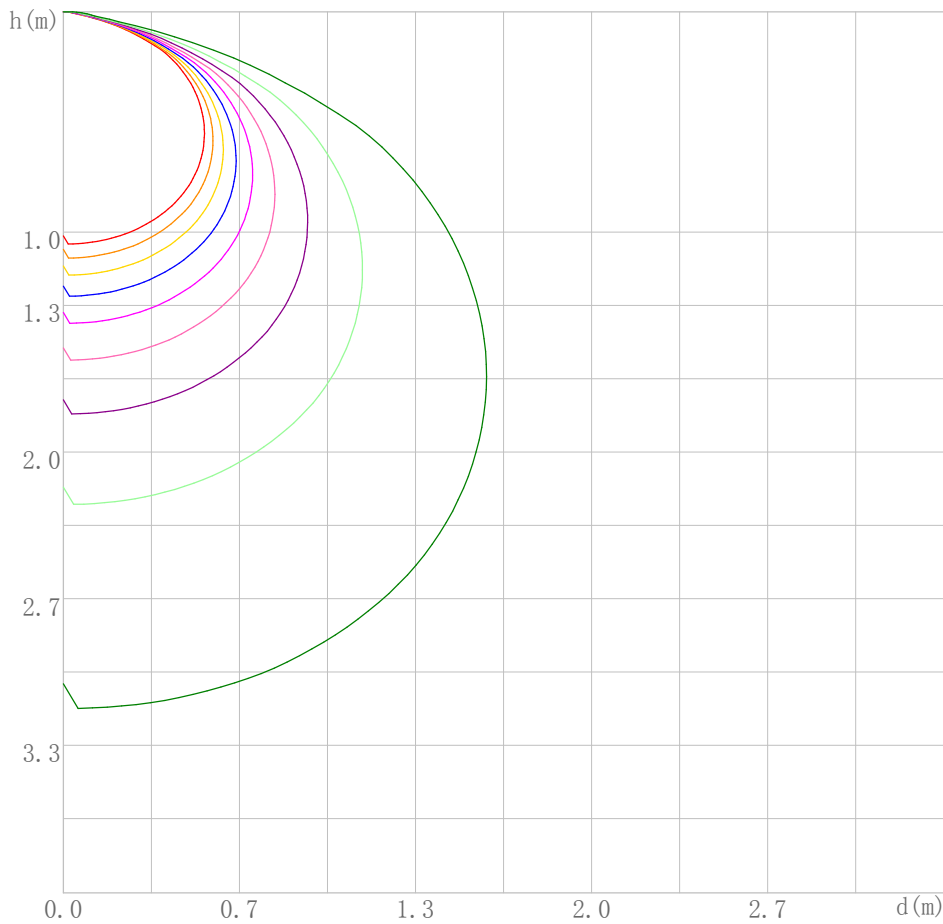


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0    Height(m): 3.0    Distance(m): 10.0

### Space ISO Illuminance Diagram

Lum. Name: 50W	Lum. Catalog: GT-SOL-603	Test ID:
Lamp Name: SMD	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/01/08

Space ISO Illuminance Curve



- Curves:  
 [Unit: lx]  
 [EMax] =1578.237
- [EMax\*90%]=1420.413
  - [EMax\*80%]=1262.589
  - [EMax\*70%]=1104.766
  - [EMax\*60%]=946.942
  - [EMax\*50%]=789.118
  - [EMax\*40%]=631.295
  - [EMax\*30%]=473.471
  - [EMax\*20%]=315.647
  - [EMax\*10%]=157.824

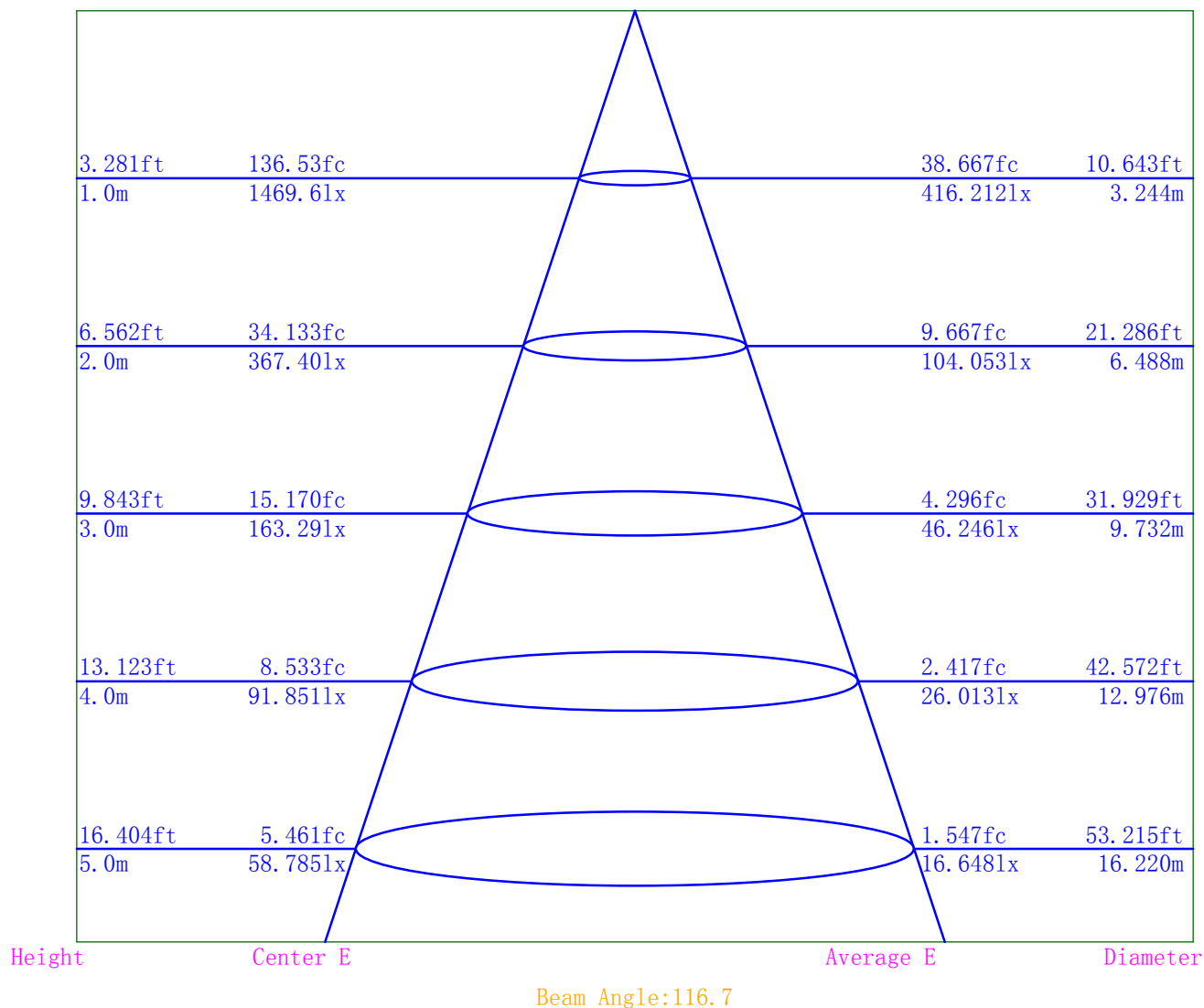
Space Plane Maximum Illuminance and @Angle:1578.24lx,1.0deg  
 Plane Maximum Lighting Intensity and @Angle:1579.320cd,0deg

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### Illuminance-Distance Diagram

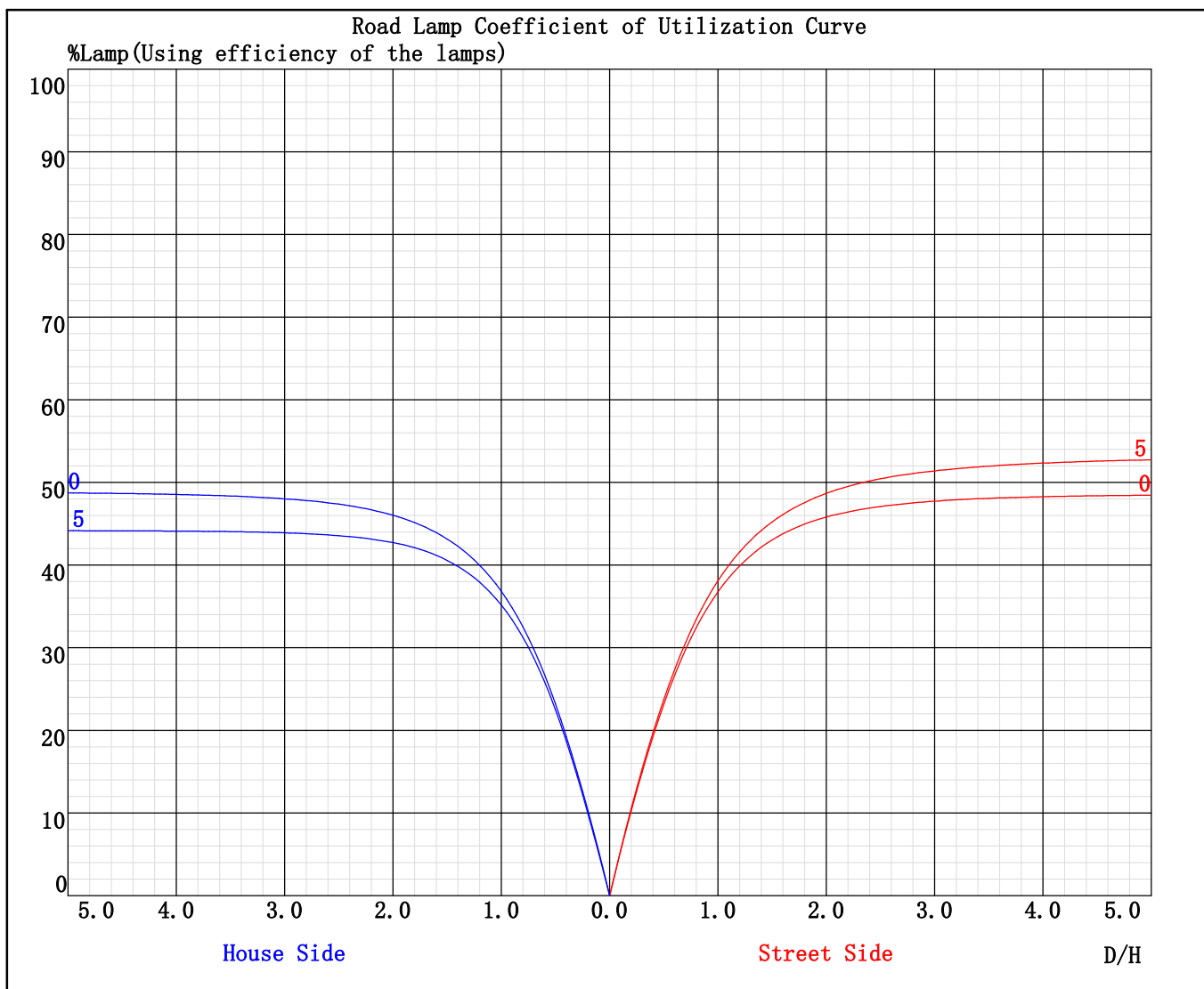
Lum. Name: 50W	Lum. Catalog: GT-SOL-603	Test ID:
Lamp Name: SMD	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2020/01/08

Illuminance-Distance Curve



**Road Coefficient of Utilization Curves**

Lum. Name: 50W	Lum. Catalog: GT-SOL-603	Test ID:
Lamp Name: SMD	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2020/01/08



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

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# IES Road Report

## Photometric Filename:50W-603.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	1469.62	1469.62	1469.62	1469.62	1469.62	1469.62	1469.62	1469.62	1469.62	1469.62	1469.62	1469.62
γ 1.0	1578.96	1576.27	1574.39	1572.54	1570.85	838.13	1577.41	1574.42	1573.28	1572.31	1571.72	838.92
γ 2.0	1579.31	1576.79	1574.75	1572.78	1570.74	837.73	1576.60	1574.01	1572.75	1572.36	1571.81	839.27
γ 3.0	1579.02	1577.13	1574.81	1573.11	1570.44	837.61	1576.09	1573.48	1573.02	1572.94	1572.15	839.34
γ 4.0	1578.96	1577.32	1574.63	1573.05	1570.06	837.17	1575.19	1573.44	1573.36	1572.81	1572.70	839.45
γ 5.0	1579.32	1577.23	1574.25	1572.54	1569.48	836.79	1574.32	1573.12	1572.83	1572.55	1572.50	840.04
γ 6.0	1578.73	1576.72	1573.40	1571.71	1568.40	836.37	1573.95	1572.58	1572.00	1571.51	1571.96	839.80
γ 7.0	1577.41	1575.38	1571.75	1569.95	1566.40	835.80	1572.86	1571.50	1570.48	1570.66	1571.21	838.98
γ 8.0	1575.99	1574.14	1569.81	1567.29	1564.27	834.35	1570.51	1569.58	1568.33	1568.72	1569.37	838.46
γ 9.0	1573.44	1571.86	1567.31	1563.89	1561.34	833.56	1567.93	1567.16	1566.01	1565.84	1566.63	837.21
γ 10.0	1570.84	1569.38	1564.21	1560.20	1558.37	831.97	1565.08	1564.33	1563.22	1562.45	1564.31	836.48
γ 11.0	1568.35	1566.36	1560.59	1556.08	1554.23	829.87	1561.84	1560.90	1560.11	1559.20	1561.67	834.96
γ 12.0	1565.72	1562.68	1556.43	1552.07	1549.97	827.53	1558.63	1556.74	1556.53	1556.17	1558.91	832.47
γ 13.0	1562.92	1559.09	1551.72	1548.02	1544.37	825.49	1555.47	1552.80	1552.55	1553.53	1555.52	830.56
γ 14.0	1559.16	1555.26	1546.89	1543.70	1538.84	823.05	1551.66	1548.84	1548.43	1549.65	1551.22	829.11
γ 15.0	1554.27	1550.42	1541.59	1539.30	1533.31	820.01	1546.50	1543.65	1543.58	1545.23	1546.95	826.94
γ 16.0	1548.65	1545.53	1535.86	1534.22	1527.54	817.13	1540.55	1538.13	1538.37	1540.31	1542.51	824.16
γ 17.0	1542.44	1539.76	1530.43	1528.47	1521.70	813.59	1534.14	1531.98	1533.39	1535.01	1538.15	821.00
γ 18.0	1535.38	1533.54	1524.45	1522.74	1515.66	809.84	1526.65	1525.28	1527.83	1529.57	1532.24	817.58
γ 19.0	1528.86	1526.87	1518.28	1517.10	1508.97	806.18	1519.58	1518.17	1521.84	1522.87	1526.58	813.99
γ 20.0	1522.13	1519.82	1511.97	1510.46	1502.61	801.86	1512.15	1510.98	1516.21	1515.18	1520.88	810.49
γ 21.0	1514.46	1511.96	1504.98	1503.21	1495.66	797.55	1504.61	1503.42	1508.83	1507.35	1513.97	806.86
γ 22.0	1505.94	1504.18	1497.83	1495.24	1488.15	793.04	1496.14	1495.25	1501.25	1498.60	1506.27	802.81
γ 23.0	1496.99	1495.65	1490.14	1486.20	1480.12	787.83	1486.84	1486.99	1493.84	1490.12	1498.31	798.80
γ 24.0	1487.94	1486.73	1481.47	1477.03	1471.60	783.08	1477.21	1477.80	1484.80	1483.05	1489.47	794.41
γ 25.0	1478.42	1477.20	1472.57	1467.44	1462.12	777.59	1467.32	1468.12	1475.38	1476.60	1480.71	789.31
γ 26.0	1467.99	1467.45	1462.57	1457.21	1452.38	771.89	1456.72	1457.58	1466.15	1470.46	1471.82	784.18
γ 27.0	1457.71	1456.73	1451.59	1447.24	1441.28	766.12	1446.10	1447.15	1456.25	1462.59	1462.66	779.10
γ 28.0	1446.18	1445.89	1440.91	1435.86	1430.23	760.34	1434.52	1436.02	1446.51	1451.53	1453.34	773.29
γ 29.0	1433.37	1434.97	1429.32	1423.01	1417.89	753.89	1421.71	1425.06	1436.26	1436.73	1443.98	767.83
γ 30.0	1419.82	1423.67	1417.20	1409.26	1405.40	747.78	1408.38	1413.30	1425.54	1419.33	1433.30	761.55
γ 31.0	1405.49	1411.08	1405.02	1394.75	1393.01	741.14	1394.40	1400.65	1414.16	1400.61	1422.15	754.86
γ 32.0	1390.90	1397.74	1392.22	1381.12	1378.50	733.90	1379.90	1387.69	1400.60	1382.24	1408.46	748.29
γ 33.0	1375.30	1384.07	1378.26	1367.71	1363.97	726.64	1364.88	1373.70	1385.10	1364.38	1392.61	741.19
γ 34.0	1358.72	1369.20	1363.82	1353.38	1349.30	718.90	1349.55	1358.90	1369.05	1347.60	1375.85	733.54
γ 35.0	1342.29	1353.96	1348.31	1339.50	1333.92	710.60	1333.81	1344.17	1351.04	1330.85	1358.28	725.92
γ 36.0	1325.01	1338.33	1332.67	1325.75	1319.03	702.82	1316.87	1328.29	1333.16	1313.82	1340.60	717.47
γ 37.0	1306.84	1321.54	1316.08	1311.23	1302.97	693.95	1299.54	1311.23	1315.22	1296.31	1321.55	708.37
γ 38.0	1288.35	1304.37	1299.22	1297.54	1286.81	684.68	1281.26	1294.46	1296.02	1279.47	1302.88	699.52
γ 39.0	1269.06	1285.84	1282.53	1282.25	1270.92	675.20	1262.86	1275.92	1277.33	1261.74	1284.63	689.53
γ 40.0	1249.11	1266.65	1265.26	1264.47	1254.05	665.17	1243.13	1256.45	1258.14	1243.42	1265.59	679.63
γ 41.0	1228.68	1246.73	1247.03	1245.09	1236.30	654.86	1222.83	1237.01	1238.24	1224.61	1246.15	669.12
γ 42.0	1208.18	1225.31	1228.79	1223.40	1218.92	644.00	1202.03	1216.51	1218.80	1205.33	1226.31	657.93
γ 43.0	1187.14	1203.49	1209.79	1198.98	1199.94	632.77	1181.44	1195.36	1198.49	1186.25	1205.67	646.80
γ 44.0	1165.03	1182.03	1188.76	1173.95	1178.95	621.48	1159.75	1172.60	1177.68	1165.07	1185.50	635.42
γ 45.0	1142.34	1159.19	1168.01	1147.20	1157.56	609.63	1137.65	1149.79	1157.83	1143.17	1165.15	622.79
γ 46.0	1120.04	1136.34	1145.51	1121.76	1133.91	597.25	1115.70	1126.56	1135.68	1121.56	1143.43	610.73

**IES Road Report**  
**Photometric Filename:50W-603.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 47.0	1096.63	1113.04	1120.94	1098.82	1108.56	584.98	1093.36	1102.36	1113.57	1098.85	1121.76	598.09
γ 48.0	1071.95	1088.26	1094.94	1074.45	1081.65	572.68	1069.74	1077.93	1091.15	1074.89	1098.96	584.93
γ 49.0	1047.73	1064.56	1068.43	1050.27	1054.77	559.83	1045.54	1053.44	1067.01	1050.77	1075.18	571.96
γ 50.0	1022.11	1039.07	1042.19	1025.27	1028.99	546.96	1020.45	1027.94	1042.65	1026.14	1051.00	558.52
γ 51.0	995.27	1013.60	1015.13	997.87	1003.13	533.78	995.51	1002.32	1017.91	999.02	1025.24	544.28
γ 52.0	969.20	988.10	987.66	970.91	976.89	520.85	969.65	976.90	992.42	972.68	999.31	530.18
γ 53.0	942.01	960.64	959.96	943.55	950.03	505.92	942.35	948.81	966.29	946.89	973.42	514.83
γ 54.0	915.20	932.84	929.74	915.79	920.88	491.46	915.82	919.93	937.51	919.10	944.47	500.52
γ 55.0	886.65	904.64	898.30	889.62	890.08	476.60	888.27	891.56	907.91	892.61	915.18	484.12
γ 56.0	856.81	875.02	868.21	859.31	859.90	460.70	860.12	860.93	878.75	863.72	885.69	467.75
γ 57.0	827.63	844.42	837.19	829.63	829.65	445.04	831.92	831.32	849.01	834.10	855.38	452.36
γ 58.0	797.66	814.33	807.01	801.49	798.99	429.56	802.45	800.94	818.25	804.47	825.14	436.04
γ 59.0	766.97	783.23	775.80	769.11	768.61	413.58	772.67	770.12	788.61	774.15	795.11	419.67
γ 60.0	735.67	751.42	742.38	731.75	735.85	397.84	743.25	740.32	757.47	744.50	763.01	402.53
γ 61.0	702.49	720.30	710.70	691.50	703.92	381.08	711.60	708.75	725.53	711.52	731.39	385.32
γ 62.0	669.34	687.07	677.85	649.28	669.62	363.92	676.83	676.76	692.47	678.44	698.79	368.33
γ 63.0	635.43	654.37	639.99	611.81	630.79	345.42	641.64	644.88	658.90	646.90	665.47	350.53
γ 64.0	597.20	619.73	599.12	574.29	590.42	327.72	600.07	611.18	625.53	610.12	631.52	331.60
γ 65.0	556.68	584.41	556.58	538.85	549.18	308.10	554.46	575.53	590.61	571.75	595.98	307.84
γ 66.0	501.94	550.06	515.57	508.80	511.91	288.06	511.93	539.49	556.30	532.49	561.40	287.02
γ 67.0	451.02	512.86	477.95	474.97	474.61	265.04	468.99	496.90	523.11	488.59	527.22	263.89
γ 68.0	408.56	471.86	442.03	442.52	440.43	241.72	430.82	453.80	486.11	447.74	488.22	238.45
γ 69.0	355.83	425.04	408.93	410.88	406.71	219.50	396.13	410.48	444.11	409.16	446.42	217.90
γ 70.0	317.33	376.50	377.58	378.60	375.73	198.23	350.55	368.60	401.25	375.27	404.93	199.97
γ 71.0	270.94	334.15	345.43	345.83	342.72	180.07	314.57	334.84	360.20	343.98	363.27	185.78
γ 72.0	234.64	292.27	313.92	315.82	311.77	162.32	269.38	295.58	324.60	311.79	320.63	161.87
γ 73.0	191.65	258.51	282.31	282.21	280.73	142.89	231.22	260.23	293.81	281.54	252.31	139.84
γ 74.0	147.39	220.83	251.35	242.67	249.10	122.41	191.25	224.26	263.36	252.06	190.65	121.22
γ 75.0	115.54	182.60	219.74	209.35	218.35	103.94	149.40	192.10	234.20	212.37	163.53	103.10
γ 76.0	82.33	138.23	183.52	181.53	179.77	84.63	118.87	154.54	201.90	169.65	152.91	81.65
γ 77.0	54.63	111.21	149.98	156.78	145.93	66.42	84.68	119.88	167.77	142.17	146.12	64.59
γ 78.0	34.73	83.24	121.33	124.10	120.96	55.48	57.01	89.46	134.08	108.44	133.99	46.33
γ 79.0	25.96	63.29	93.89	96.96	95.52	42.68	35.85	61.66	106.85	86.05	105.18	33.08
γ 80.0	19.67	46.87	71.80	74.31	74.77	32.74	26.86	41.02	81.52	65.60	77.85	24.26
γ 81.0	14.58	31.81	53.26	54.64	55.20	24.79	20.66	30.90	60.63	48.97	57.31	18.61
γ 82.0	13.23	18.82	34.44	38.28	37.79	18.14	14.64	21.66	41.96	34.49	38.04	14.22
γ 83.0	12.50	13.78	23.42	25.65	25.91	13.06	12.09	13.54	27.43	22.72	25.31	12.22
γ 84.0	12.29	13.18	16.30	16.54	17.96	11.90	11.75	13.05	18.60	15.64	17.53	11.23
γ 85.0	11.85	13.02	13.68	13.45	13.80	11.32	11.15	12.30	13.44	13.18	13.41	11.19
γ 86.0	11.39	12.83	13.39	13.61	13.19	11.26	10.81	11.75	12.53	12.31	12.48	10.98
γ 87.0	11.52	12.77	12.99	13.53	13.17	11.08	10.94	11.96	12.41	11.96	12.42	10.75
γ 88.0	11.09	12.68	13.06	12.78	12.77	11.23	10.65	11.56	11.86	11.77	11.95	10.50
γ 89.0	11.07	12.33	12.65	12.39	12.48	11.14	10.53	11.83	11.65	11.41	11.74	10.66
γ 90.0	11.14	11.45	11.71	12.10	12.05	10.61	10.62	11.47	11.08	11.65	11.19	10.16
γ 91.0	11.08	11.45	12.14	11.72	11.81	10.84	10.56	11.24	10.88	11.54	11.25	10.32
γ 92.0	11.32	11.81	12.20	12.30	12.39	10.97	10.46	11.08	11.54	11.55	11.23	10.54
γ 93.0	11.43	11.77	12.13	12.05	12.50	10.98	10.98	11.30	11.88	11.91	11.76	10.38

**IES Road Report**  
**Photometric Filename:50W-603.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 94.0	11.45	11.78	12.75	12.15	12.50	11.08	11.04	11.36	11.78	11.83	11.73	10.66
γ 95.0	12.01	12.27	12.51	12.57	12.44	10.82	10.96	11.67	12.18	12.35	12.15	10.83
γ 96.0	11.98	12.17	12.77	12.40	12.96	10.88	11.53	12.02	12.30	12.49	12.08	10.66
γ 97.0	12.08	12.45	13.11	12.59	12.87	10.77	11.72	11.92	11.96	12.20	11.72	11.33
γ 98.0	12.55	12.82	13.03	13.05	13.32	11.25	11.56	12.49	12.19	12.56	12.38	11.38
γ 99.0	12.40	12.98	13.17	13.30	12.99	10.99	12.00	12.48	12.31	12.83	12.28	10.81
γ 100.0	12.86	13.23	13.35	13.30	13.55	11.03	12.24	12.34	12.37	12.84	12.46	11.34
γ 101.0	13.25	13.54	13.40	13.74	13.63	11.76	12.30	12.92	12.73	13.14	12.95	11.22
γ 102.0	13.08	13.21	13.68	13.55	13.84	11.49	12.60	12.86	13.27	13.22	12.87	11.22
γ 103.0	13.37	14.01	14.15	13.77	13.91	11.87	13.04	12.94	12.85	13.54	12.92	11.74
γ 104.0	13.78	14.04	14.09	14.23	14.48	11.81	12.88	13.59	13.67	13.71	13.60	11.70
γ 105.0	13.83	14.38	14.55	14.22	14.50	11.97	13.14	13.36	13.46	13.88	13.49	11.58
γ 106.0	14.26	14.56	14.75	14.85	14.77	11.90	13.62	14.19	13.40	14.08	13.62	11.92
γ 107.0	14.50	14.36	14.61	14.84	14.79	12.15	13.41	14.17	14.02	14.36	14.27	11.94
γ 108.0	14.21	14.60	14.72	15.13	14.86	12.43	13.80	13.91	13.98	14.57	14.12	11.71
γ 109.0	14.86	15.43	15.53	15.35	15.35	12.03	14.38	14.46	13.99	14.68	14.28	12.35
γ 110.0	14.88	14.93	15.37	15.39	15.65	12.42	14.46	14.44	14.63	15.22	14.52	12.24
γ 111.0	14.87	15.27	15.49	15.55	15.52	12.54	14.73	14.57	15.01	15.17	14.65	12.25
γ 112.0	15.41	15.68	16.06	16.28	16.05	12.39	14.95	15.17	14.98	15.66	15.10	12.52
γ 113.0	15.53	15.91	15.87	15.88	15.96	12.93	14.70	15.18	15.48	15.70	15.28	12.62
γ 114.0	15.61	16.16	16.06	16.27	16.20	12.87	14.95	15.35	15.74	15.61	15.30	12.54
γ 115.0	16.05	16.24	16.71	16.74	16.66	12.67	15.29	15.65	15.54	16.23	16.06	12.88
γ 116.0	16.10	16.44	16.56	17.06	16.68	12.92	15.26	15.73	16.09	16.40	15.86	12.88
γ 117.0	16.36	16.78	16.76	16.92	17.09	13.24	15.60	15.90	16.45	16.24	15.99	12.75
γ 118.0	16.66	16.83	17.23	17.24	17.51	13.04	15.97	15.91	16.14	17.06	16.34	13.29
γ 119.0	16.62	17.05	17.48	17.33	17.31	13.26	16.09	16.09	16.78	17.25	16.20	13.23
γ 120.0	17.07	17.35	17.36	17.77	17.81	13.60	16.04	16.53	16.97	17.13	16.62	13.31
γ 121.0	17.34	17.43	17.72	17.86	17.96	13.34	16.39	17.15	16.77	17.26	17.16	13.62
γ 122.0	17.11	17.59	17.94	18.08	18.19	13.61	16.57	17.27	17.00	17.42	16.85	13.43
γ 123.0	17.72	18.30	18.39	18.47	15.56	13.91	16.61	17.79	17.21	17.67	17.28	13.52
γ 124.0	18.00	17.91	18.60	18.47	14.38	14.10	17.11	17.68	17.02	17.99	17.73	13.83
γ 125.0	17.83	18.12	18.90	18.64	14.27	13.90	17.16	17.72	17.35	18.53	18.08	13.66
γ 126.0	18.59	18.41	18.53	19.13	14.87	14.27	17.28	18.24	17.56	18.32	18.38	13.87
γ 127.0	18.55	18.49	19.06	18.97	14.63	14.17	17.64	18.30	17.61	18.59	18.39	14.25
γ 128.0	18.63	18.89	19.26	19.18	14.58	14.14	17.89	18.49	18.00	18.52	18.14	14.13
γ 129.0	19.44	19.14	18.96	19.52	14.66	14.53	18.13	18.79	18.13	18.92	18.61	14.31
γ 130.0	19.24	18.76	19.38	19.54	14.28	14.64	18.29	18.58	18.20	19.27	18.48	14.40
γ 131.0	19.11	19.33	19.83	19.66	14.59	14.60	18.32	18.98	18.54	19.07	18.67	14.72
γ 132.0	19.60	19.80	19.79	20.03	15.26	14.89	18.41	19.43	18.85	19.60	19.04	14.32
γ 133.0	19.43	19.79	19.85	20.18	14.90	14.91	18.86	19.36	18.92	19.90	19.03	14.72
γ 134.0	19.85	19.95	20.36	20.61	14.91	15.02	18.76	19.56	19.16	19.57	19.19	14.48
γ 135.0	20.24	19.72	20.24	20.62	15.22	15.22	19.05	19.49	19.46	20.06	20.14	14.73
γ 136.0	20.30	20.58	20.58	20.59	14.94	15.17	19.28	19.53	19.43	20.37	19.78	14.95
γ 137.0	20.32	20.43	21.09	21.00	15.38	15.15	19.68	20.42	19.96	20.35	19.95	14.86
γ 138.0	20.77	20.32	21.06	21.15	15.25	15.47	19.53	20.39	20.19	20.72	20.24	15.06
γ 139.0	20.76	21.15	21.44	21.11	15.28	15.45	19.91	20.36	20.12	21.04	20.26	15.45
γ 140.0	20.79	21.39	21.50	21.67	15.69	15.18	20.31	20.45	20.31	20.68	20.54	15.47

