

# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

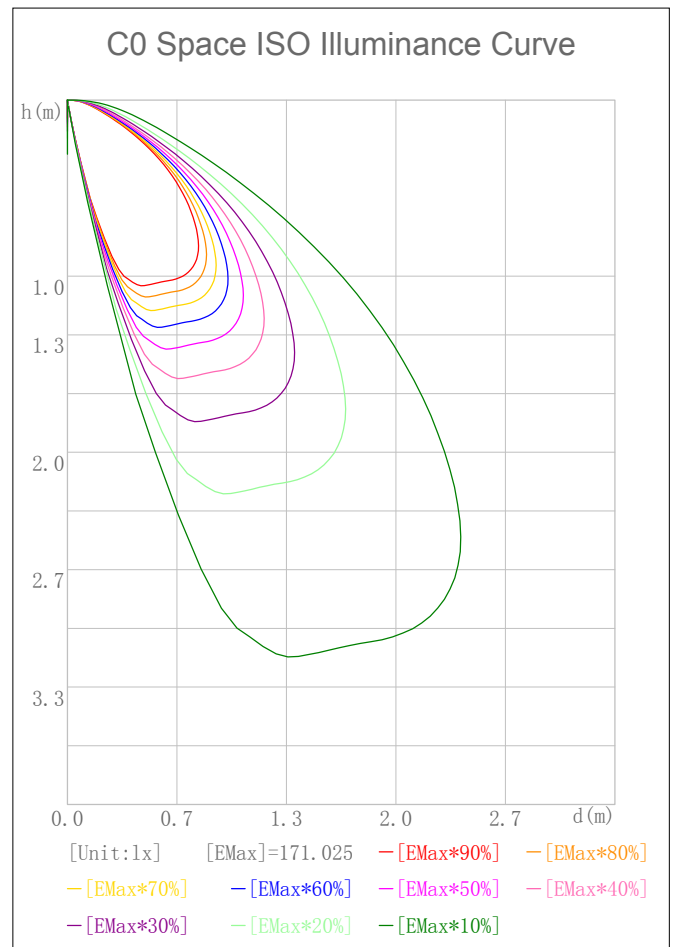
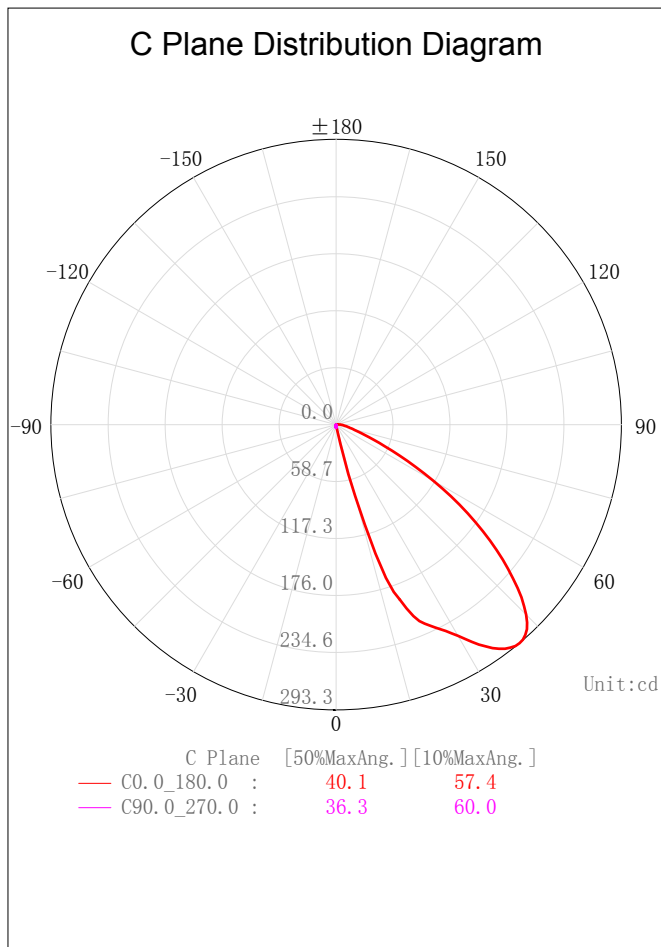
## Indoor Luminaire Photometric Data

### Description Information

Luminary Name: ST01-03-XX-01 2700K RA80 50D 黑		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2020/08/04
Manufacture: Shenzhen Norming Lighting Co., Ltd		Shld. Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department		Frequency (Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H):0.050m*0.000m*0.000m		Lum. Area (m2):0.002	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): 119.200	Luminary Flux(lm): 119.199	Field Angle(10%Imax): 57.4(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 118.947lm 99.79%	
Rated Voltage(V):	Luminary EER(lm/W): 41.046	Up Lumens&Percent: 0.252lm 0.21%	
Tested Power(W): 2.904	Max. Candela(cd): 293.264	S/MH: C0_a180=-1.#IO C90_270=0.867	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=40.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.3, 0.014, 0.808	Beam Angle(50%Imax): 40.1(°)	ErP φ use(90°): 66.330lm	
Lamp Size (W*L*H):0.050m*0.000m*0.000m	Left=17.3°, Right=57.4°	IRF(%): 233.841	



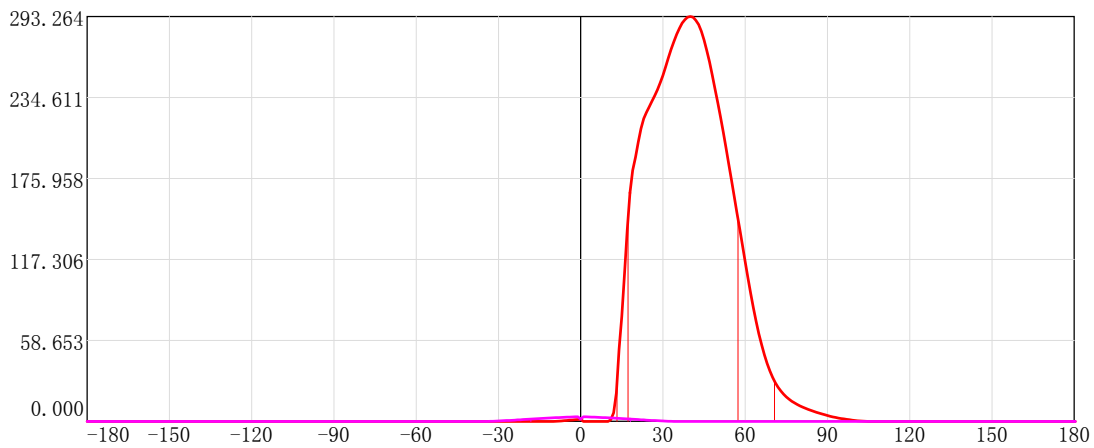
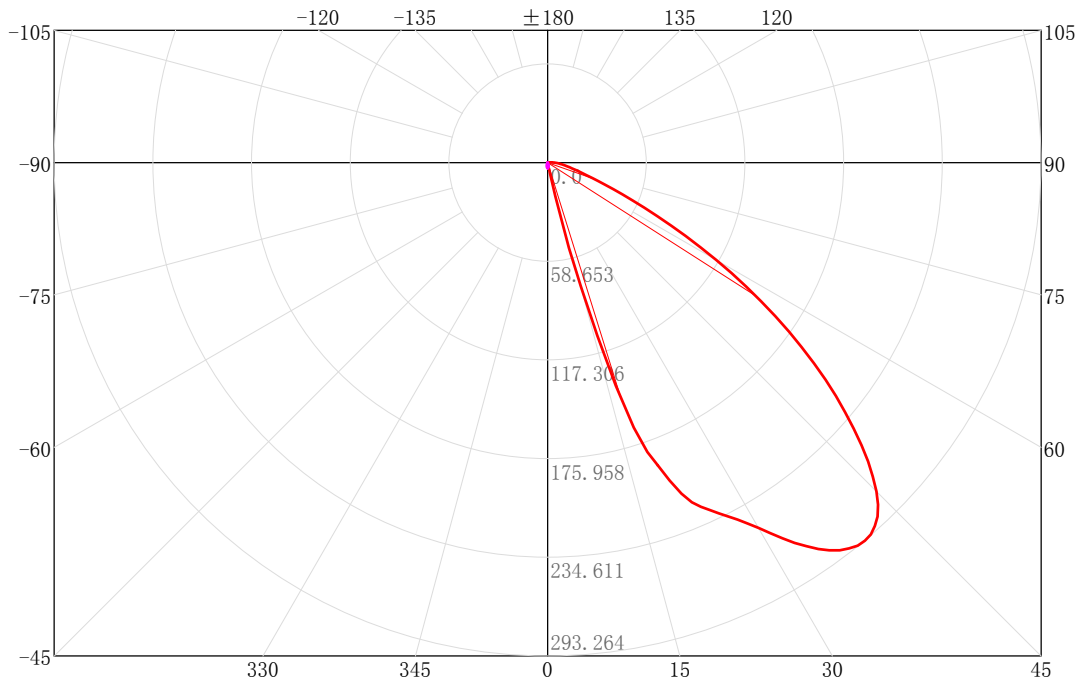
# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

## 2D Plane Light Intensity Distribution Curve

Lum. Name: ST01-03-XX-01 2700K RA80 50D 黑	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/08/04

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
— C0.0_180.0 :	40.1	57.4
— C90.0_270.0 :	36.3	60.0

Unit:cd

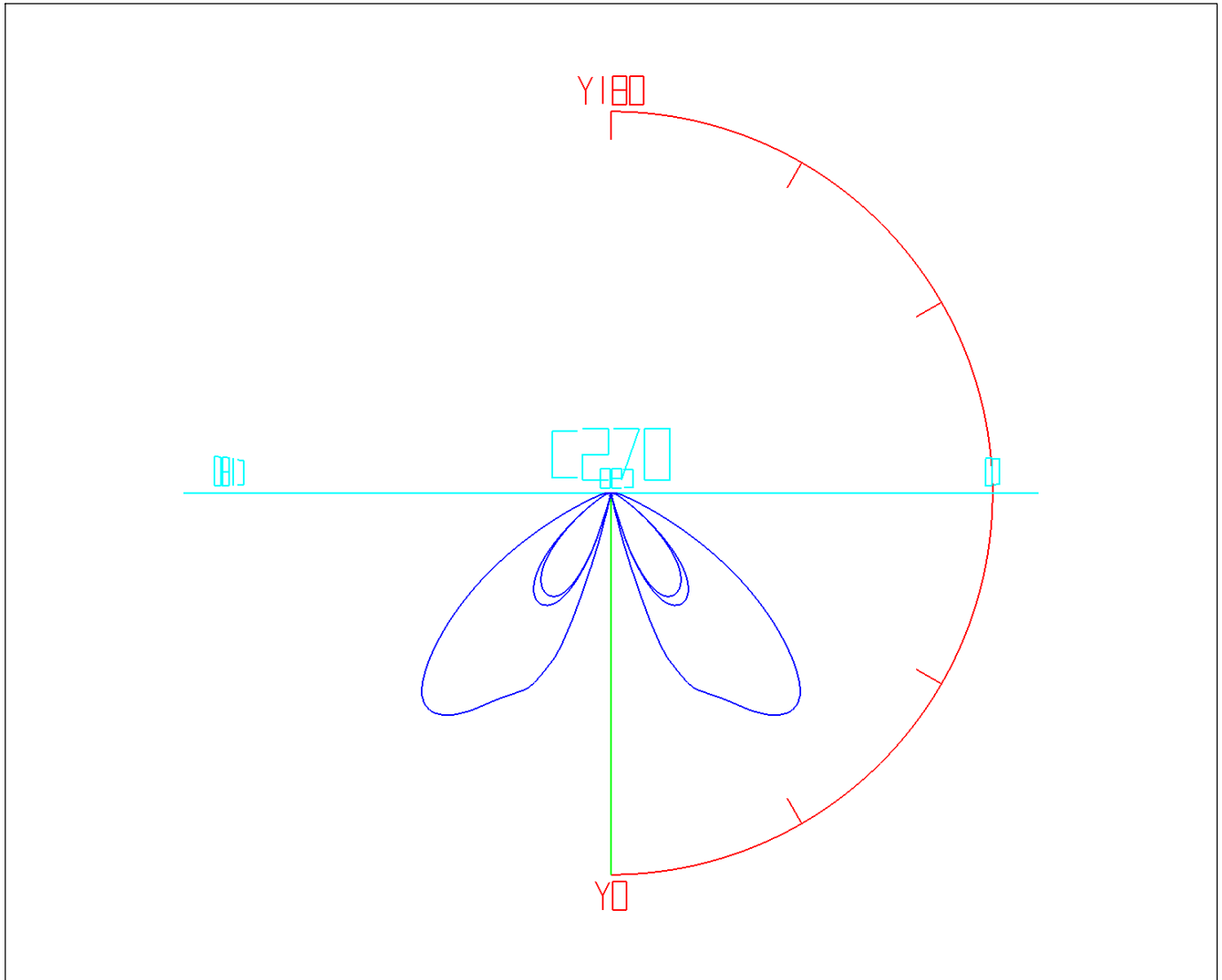
# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

## 3D Light Intensity Distribution Modal

Lum. Name: ST01-03-XX-01 2700K RA80 50D 黑	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/08/04

## 3D Light Intensity Distribution Modal



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

# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.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	0.00	0.00	0.00	0.00	47.0-48.0	3.29	76.38	2.76	64.08
1.0-2.0	0.01	0.01	0.00	0.01	48.0-49.0	3.20	79.59	2.69	66.77
2.0-3.0	0.01	0.01	0.01	0.01	49.0-50.0	3.10	82.69	2.60	69.37
3.0-4.0	0.01	0.03	0.01	0.02	50.0-51.0	2.99	85.67	2.51	71.87
4.0-5.0	0.01	0.04	0.01	0.03	51.0-52.0	2.86	88.53	2.40	74.27
5.0-6.0	0.02	0.06	0.01	0.05	52.0-53.0	2.72	91.25	2.28	76.55
6.0-7.0	0.02	0.08	0.02	0.07	53.0-54.0	2.56	93.81	2.15	78.70
7.0-8.0	0.02	0.10	0.02	0.09	54.0-55.0	2.41	96.22	2.02	80.72
8.0-9.0	0.03	0.13	0.02	0.11	55.0-56.0	2.24	98.46	1.88	82.60
9.0-10.0	0.03	0.16	0.02	0.13	56.0-57.0	2.08	100.54	1.74	84.35
10.0-11.0	0.03	0.19	0.03	0.16	57.0-58.0	1.91	102.46	1.61	85.95
11.0-12.0	0.04	0.23	0.04	0.20	58.0-59.0	1.75	104.21	1.47	87.42
12.0-13.0	0.07	0.30	0.06	0.25	59.0-60.0	1.59	105.80	1.34	88.76
13.0-14.0	0.12	0.42	0.10	0.35	60.0-61.0	1.44	107.24	1.21	89.97
14.0-15.0	0.20	0.62	0.16	0.52	61.0-62.0	1.29	108.53	1.08	91.05
15.0-16.0	0.29	0.90	0.24	0.76	62.0-63.0	1.15	109.68	0.97	92.02
16.0-17.0	0.40	1.31	0.34	1.10	63.0-64.0	1.03	110.71	0.86	92.88
17.0-18.0	0.54	1.85	0.46	1.55	64.0-65.0	0.91	111.62	0.76	93.64
18.0-19.0	0.70	2.55	0.58	2.14	65.0-66.0	0.81	112.43	0.68	94.32
19.0-20.0	0.87	3.41	0.73	2.86	66.0-67.0	0.71	113.14	0.60	94.92
20.0-21.0	1.05	4.46	0.88	3.74	67.0-68.0	0.63	113.77	0.53	95.45
21.0-22.0	1.21	5.66	1.01	4.75	68.0-69.0	0.56	114.33	0.47	95.92
22.0-23.0	1.35	7.01	1.13	5.88	69.0-70.0	0.50	114.83	0.42	96.34
23.0-24.0	1.49	8.50	1.25	7.13	70.0-71.0	0.45	115.28	0.37	96.71
24.0-25.0	1.63	10.13	1.36	8.49	71.0-72.0	0.40	115.68	0.34	97.05
25.0-26.0	1.76	11.89	1.48	9.97	72.0-73.0	0.36	116.04	0.30	97.35
26.0-27.0	1.89	13.78	1.59	11.56	73.0-74.0	0.33	116.37	0.27	97.62
27.0-28.0	2.02	15.80	1.70	13.26	74.0-75.0	0.30	116.66	0.25	97.87
28.0-29.0	2.15	17.95	1.80	15.06	75.0-76.0	0.27	116.94	0.23	98.10
29.0-30.0	2.27	20.23	1.91	16.97	76.0-77.0	0.25	117.18	0.21	98.31
30.0-31.0	2.40	22.63	2.01	18.98	77.0-78.0	0.23	117.41	0.19	98.50
31.0-32.0	2.53	25.15	2.12	21.10	78.0-79.0	0.21	117.62	0.18	98.68
32.0-33.0	2.65	27.80	2.22	23.32	79.0-80.0	0.19	117.81	0.16	98.84
33.0-34.0	2.76	30.56	2.32	25.64	80.0-81.0	0.17	117.99	0.15	98.98
34.0-35.0	2.87	33.44	2.41	28.05	81.0-82.0	0.16	118.15	0.13	99.12
35.0-36.0	2.98	36.42	2.50	30.55	82.0-83.0	0.14	118.29	0.12	99.24
36.0-37.0	3.08	39.50	2.58	33.13	83.0-84.0	0.13	118.42	0.11	99.35
37.0-38.0	3.17	42.66	2.66	35.79	84.0-85.0	0.12	118.54	0.10	99.45
38.0-39.0	3.25	45.91	2.72	38.52	85.0-86.0	0.10	118.64	0.09	99.53
39.0-40.0	3.32	49.23	2.78	41.30	86.0-87.0	0.09	118.74	0.08	99.61
40.0-41.0	3.37	52.60	2.83	44.13	87.0-88.0	0.08	118.82	0.07	99.68
41.0-42.0	3.41	56.01	2.86	46.99	88.0-89.0	0.07	118.89	0.06	99.74
42.0-43.0	3.44	59.45	2.88	49.87	89.0-90.0	0.06	118.95	0.05	99.79
43.0-44.0	3.45	62.89	2.89	52.76	90.0-91.0	0.05	119.00	0.04	99.83
44.0-45.0	3.44	66.33	2.88	55.65	91.0-92.0	0.04	119.04	0.04	99.87
45.0-46.0	3.41	69.74	2.86	58.50	92.0-93.0	0.03	119.07	0.03	99.89
46.0-47.0	3.36	73.09	2.82	61.32	93.0-94.0	0.03	119.10	0.02	99.92

# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.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	0.02	119.12	0.02	99.93	141.0-142.0	0.00	119.20	0.00	100.00
95.0-96.0	0.02	119.14	0.02	99.95	142.0-143.0	0.00	119.20	0.00	100.00
96.0-97.0	0.02	119.15	0.01	99.96	143.0-144.0	0.00	119.20	0.00	100.00
97.0-98.0	0.01	119.17	0.01	99.97	144.0-145.0	0.00	119.20	0.00	100.00
98.0-99.0	0.01	119.18	0.01	99.98	145.0-146.0	0.00	119.20	0.00	100.00
99.0-100.0	0.01	119.18	0.01	99.99	146.0-147.0	0.00	119.20	0.00	100.00
100.0-101.0	0.01	119.19	0.00	99.99	147.0-148.0	0.00	119.20	0.00	100.00
101.0-102.0	0.00	119.19	0.00	100.00	148.0-149.0	0.00	119.20	0.00	100.00
102.0-103.0	0.00	119.20	0.00	100.00	149.0-150.0	0.00	119.20	0.00	100.00
103.0-104.0	0.00	119.20	0.00	100.00	150.0-151.0	0.00	119.20	0.00	100.00
104.0-105.0	0.00	119.20	0.00	100.00	151.0-152.0	0.00	119.20	0.00	100.00
105.0-106.0	0.00	119.20	0.00	100.00	152.0-153.0	0.00	119.20	0.00	100.00
106.0-107.0	0.00	119.20	0.00	100.00	153.0-154.0	0.00	119.20	0.00	100.00
107.0-108.0	0.00	119.20	0.00	100.00	154.0-155.0	0.00	119.20	0.00	100.00
108.0-109.0	0.00	119.20	0.00	100.00	155.0-156.0	0.00	119.20	0.00	100.00
109.0-110.0	0.00	119.20	0.00	100.00	156.0-157.0	0.00	119.20	0.00	100.00
110.0-111.0	0.00	119.20	0.00	100.00	157.0-158.0	0.00	119.20	0.00	100.00
111.0-112.0	0.00	119.20	0.00	100.00	158.0-159.0	0.00	119.20	0.00	100.00
112.0-113.0	0.00	119.20	0.00	100.00	159.0-160.0	0.00	119.20	0.00	100.00
113.0-114.0	0.00	119.20	0.00	100.00	160.0-161.0	0.00	119.20	0.00	100.00
114.0-115.0	0.00	119.20	0.00	100.00	161.0-162.0	0.00	119.20	0.00	100.00
115.0-116.0	0.00	119.20	0.00	100.00	162.0-163.0	0.00	119.20	0.00	100.00
116.0-117.0	0.00	119.20	0.00	100.00	163.0-164.0	0.00	119.20	0.00	100.00
117.0-118.0	0.00	119.20	0.00	100.00	164.0-165.0	0.00	119.20	0.00	100.00
118.0-119.0	0.00	119.20	0.00	100.00	165.0-166.0	0.00	119.20	0.00	100.00
119.0-120.0	0.00	119.20	0.00	100.00	166.0-167.0	0.00	119.20	0.00	100.00
120.0-121.0	0.00	119.20	0.00	100.00	167.0-168.0	0.00	119.20	0.00	100.00
121.0-122.0	0.00	119.20	0.00	100.00	168.0-169.0	0.00	119.20	0.00	100.00
122.0-123.0	0.00	119.20	0.00	100.00	169.0-170.0	0.00	119.20	0.00	100.00
123.0-124.0	0.00	119.20	0.00	100.00	170.0-171.0	0.00	119.20	0.00	100.00
124.0-125.0	0.00	119.20	0.00	100.00	171.0-172.0	0.00	119.20	0.00	100.00
125.0-126.0	0.00	119.20	0.00	100.00	172.0-173.0	0.00	119.20	0.00	100.00
126.0-127.0	0.00	119.20	0.00	100.00	173.0-174.0	0.00	119.20	0.00	100.00
127.0-128.0	0.00	119.20	0.00	100.00	174.0-175.0	0.00	119.20	0.00	100.00
128.0-129.0	0.00	119.20	0.00	100.00	175.0-176.0	0.00	119.20	0.00	100.00
129.0-130.0	0.00	119.20	0.00	100.00	176.0-177.0	0.00	119.20	0.00	100.00
130.0-131.0	0.00	119.20	0.00	100.00	177.0-178.0	0.00	119.20	0.00	100.00
131.0-132.0	0.00	119.20	0.00	100.00	178.0-179.0	0.00	119.20	0.00	100.00
132.0-133.0	0.00	119.20	0.00	100.00	179.0-180.0	0.00	119.20	0.00	100.00
133.0-134.0	0.00	119.20	0.00	100.00					
134.0-135.0	0.00	119.20	0.00	100.00					
135.0-136.0	0.00	119.20	0.00	100.00					
136.0-137.0	0.00	119.20	0.00	100.00					
137.0-138.0	0.00	119.20	0.00	100.00					
138.0-139.0	0.00	119.20	0.00	100.00					
139.0-140.0	0.00	119.20	0.00	100.00					
140.0-141.0	0.00	119.20	0.00	100.00					

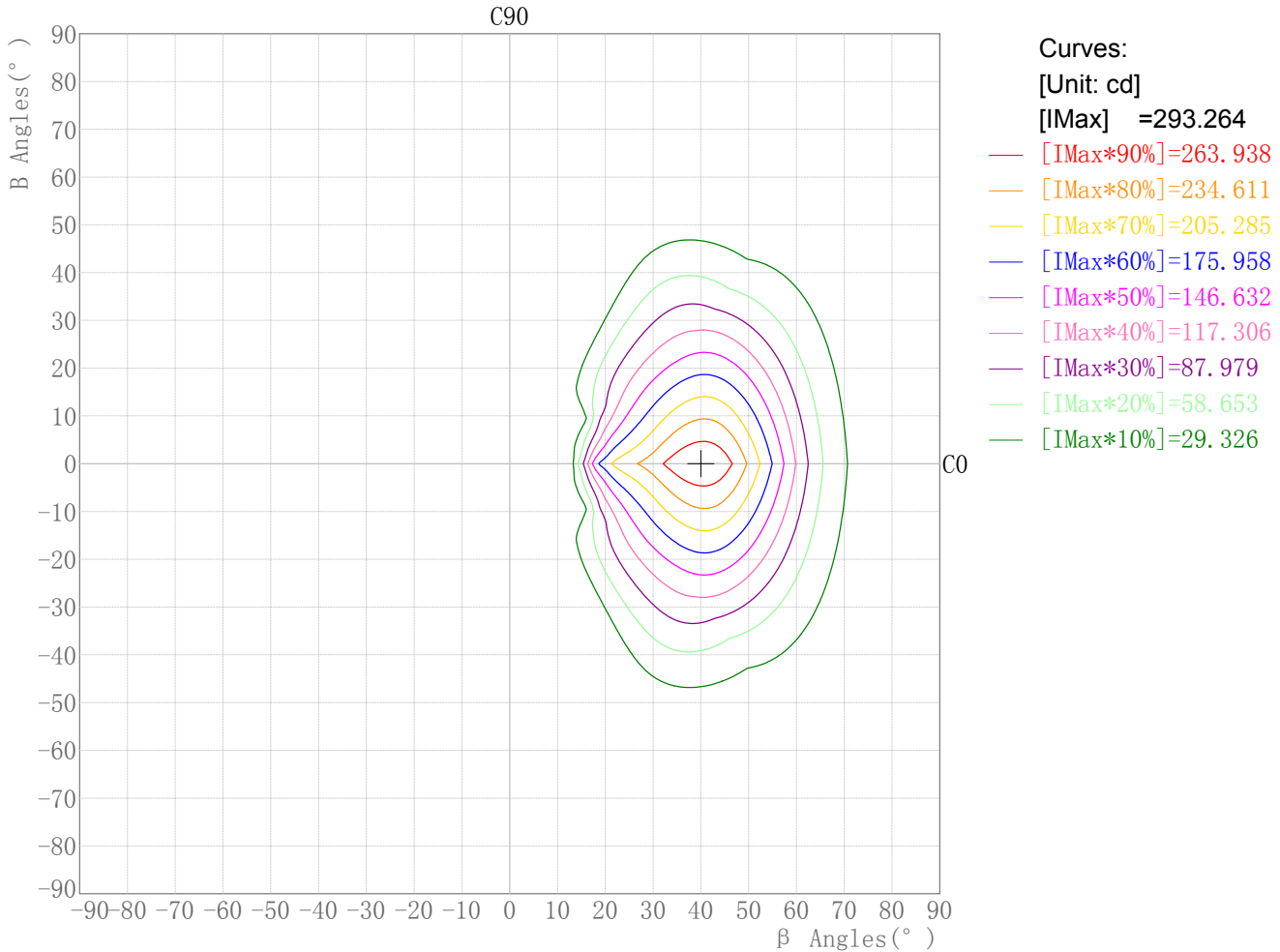
# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

## Rectangle ISO Lighting Intensity Diagram

Lum. Name: ST01-03-XX-01 2700K RA80 50D 黑	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/08/04

### ISO Lighting Intensity Curve



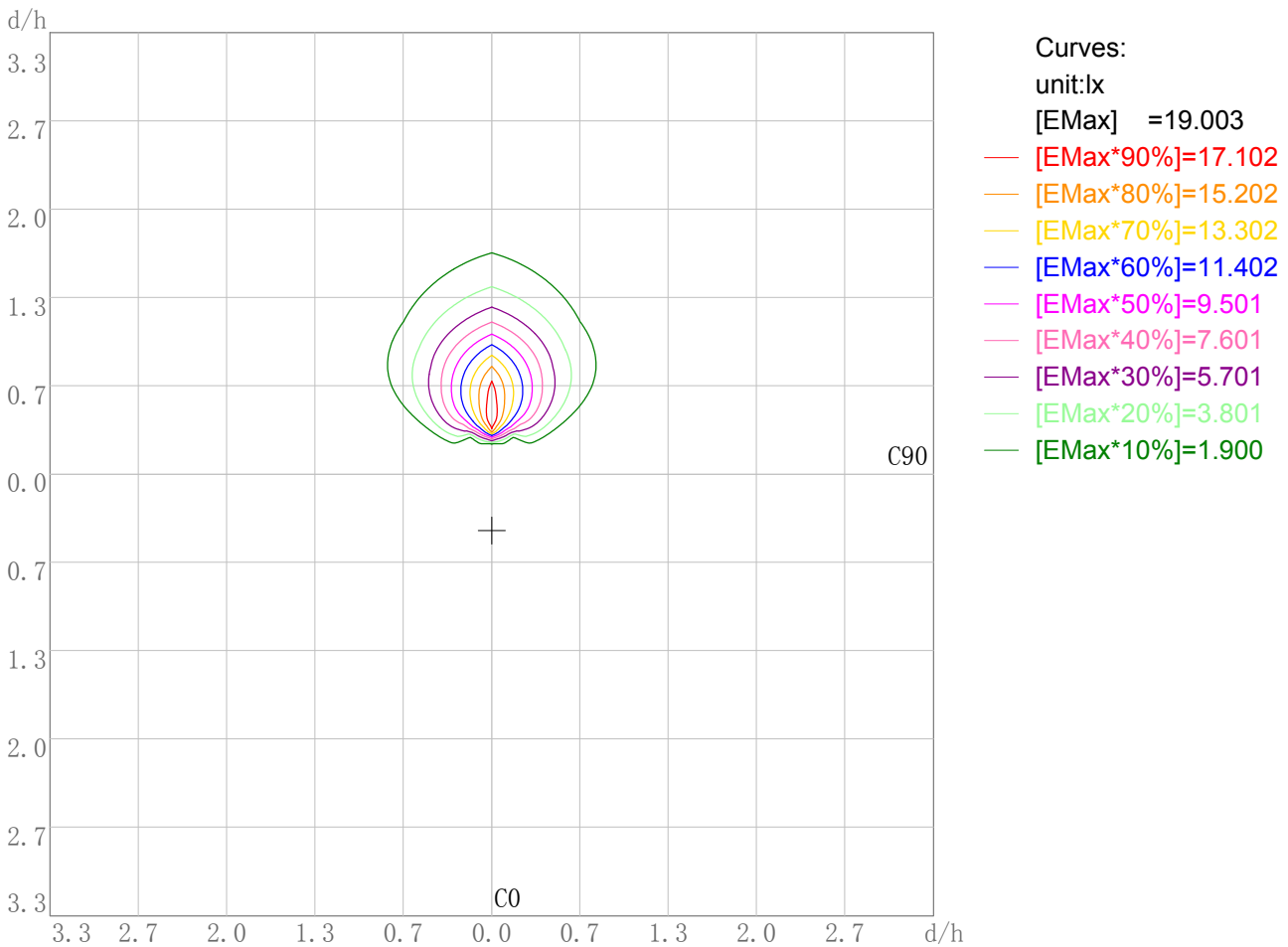
# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

## Plane ISO-Illuminance Diagram

Lum. Name: ST01-03-XX-01 2700K RA80 50D 黑	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/08/04

### Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 19.00

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.4

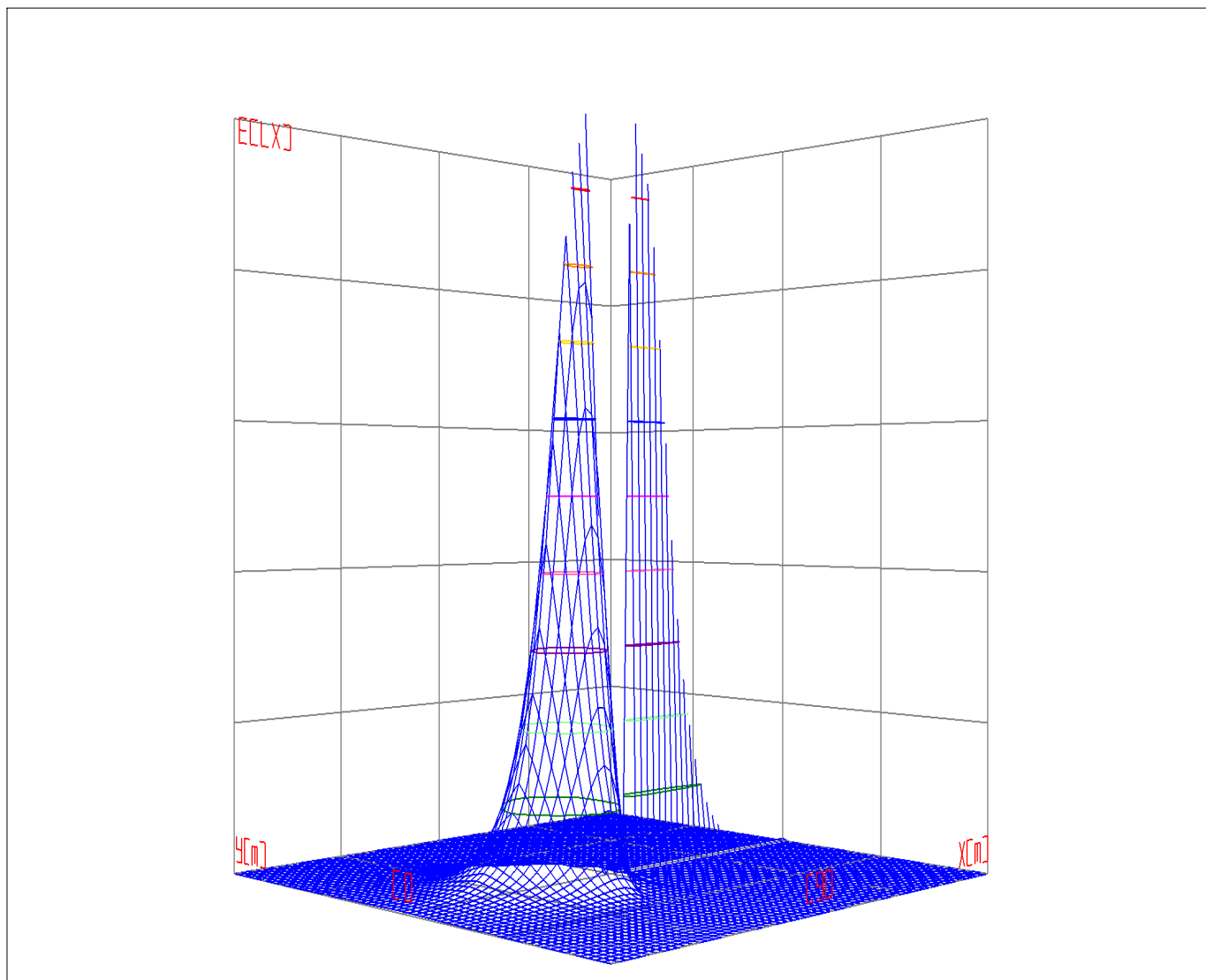
# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: ST01-03-XX-01 2700K RA80 50D 黑	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/08/04

### 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



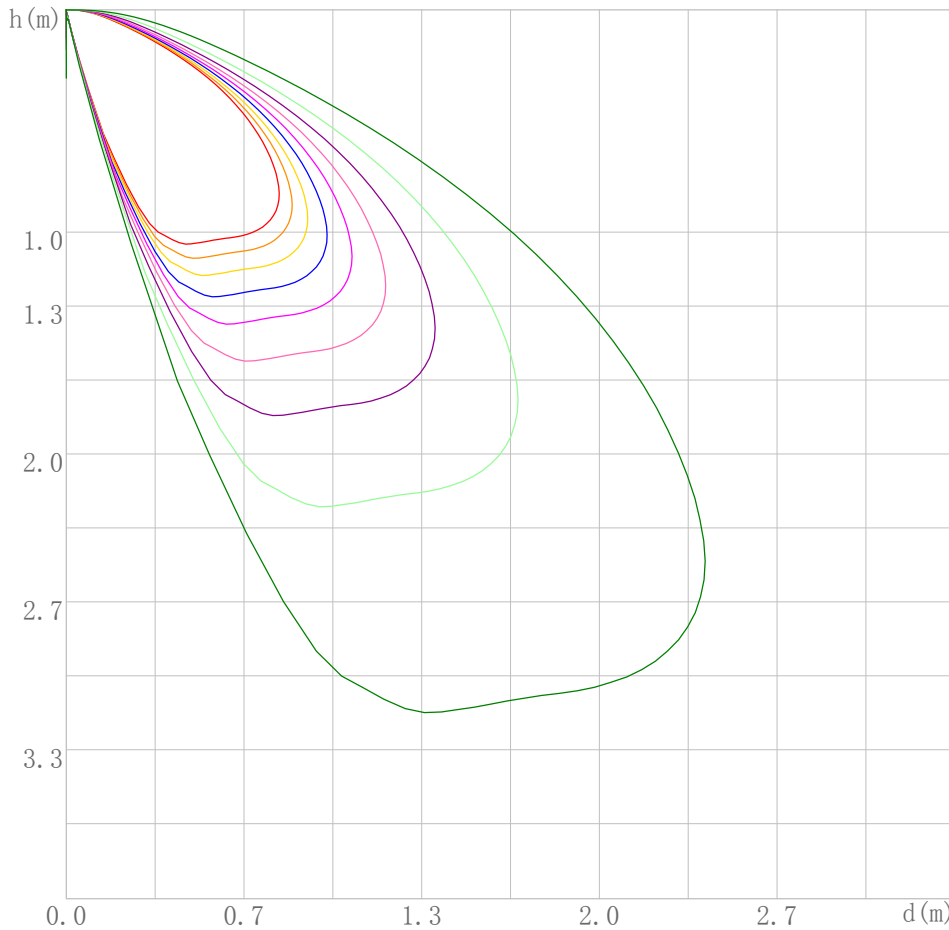
# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

## Space ISO Illuminance Diagram

Lum. Name: ST01-03-XX-01 2700K RA80 50D 黑	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/08/04

### Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =171.025

— [EMax\*90%]=153.922

— [EMax\*80%]=136.820

— [EMax\*70%]=119.717

— [EMax\*60%]=102.615

— [EMax\*50%]=85.512

— [EMax\*40%]=68.410

— [EMax\*30%]=51.307

— [EMax\*20%]=34.205

— [EMax\*10%]=17.102

Space Plane Maximum Illuminance and @Angle:171.02lx,23.0deg

Plane Maximum Lighting Intensity and @Angle:293.264cd,0deg

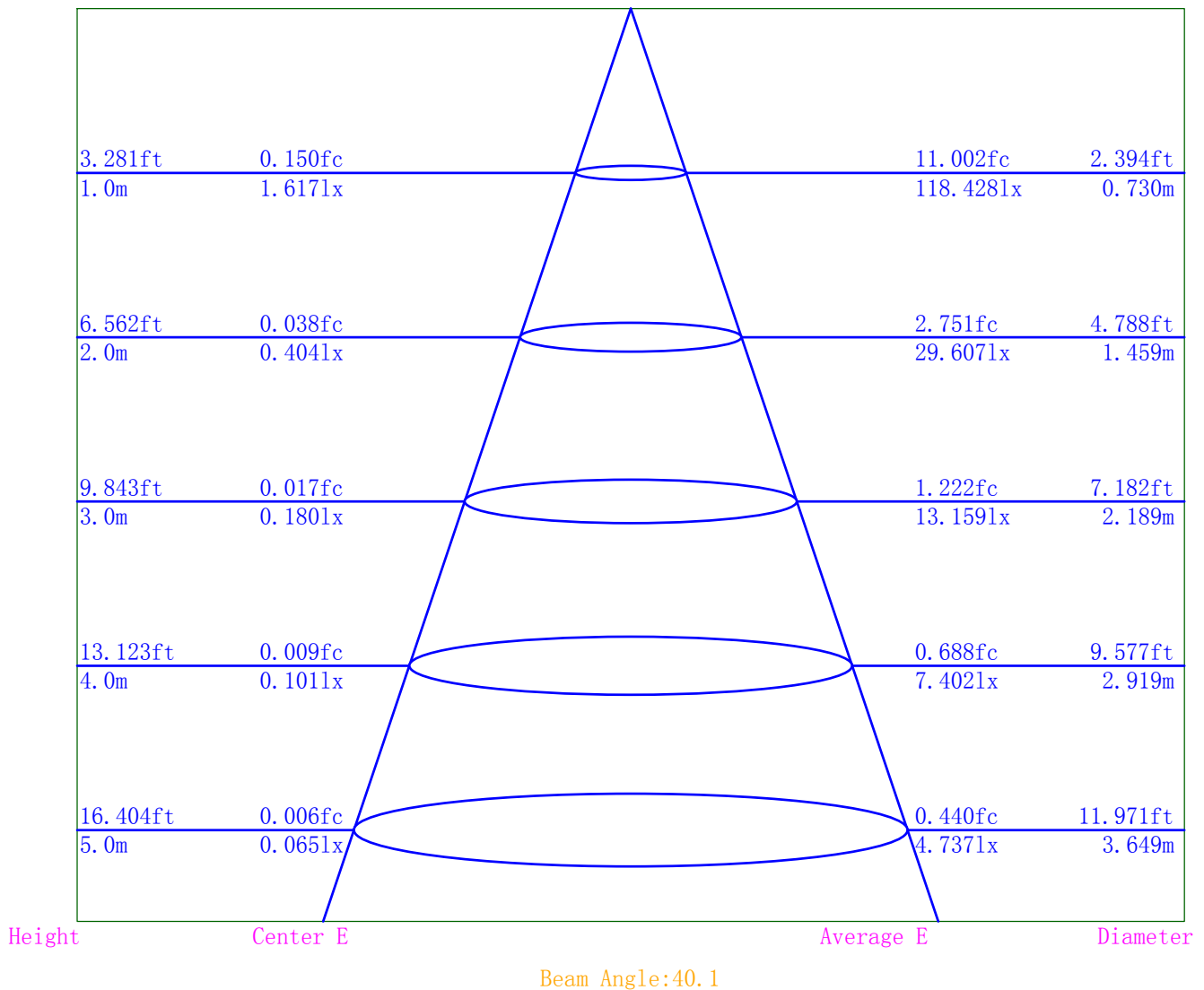
# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

## Illuminance-Distance Diagram

Lum. Name: ST01-03-XX-01 2700K RA80 50D 黑	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/08/04

Illuminance-Distance Curve



# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

## Indoor Luminance Limiting Curves

Lum. Name: ST01-03-XX-01 2700K RA80 50D 黑	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/08/04

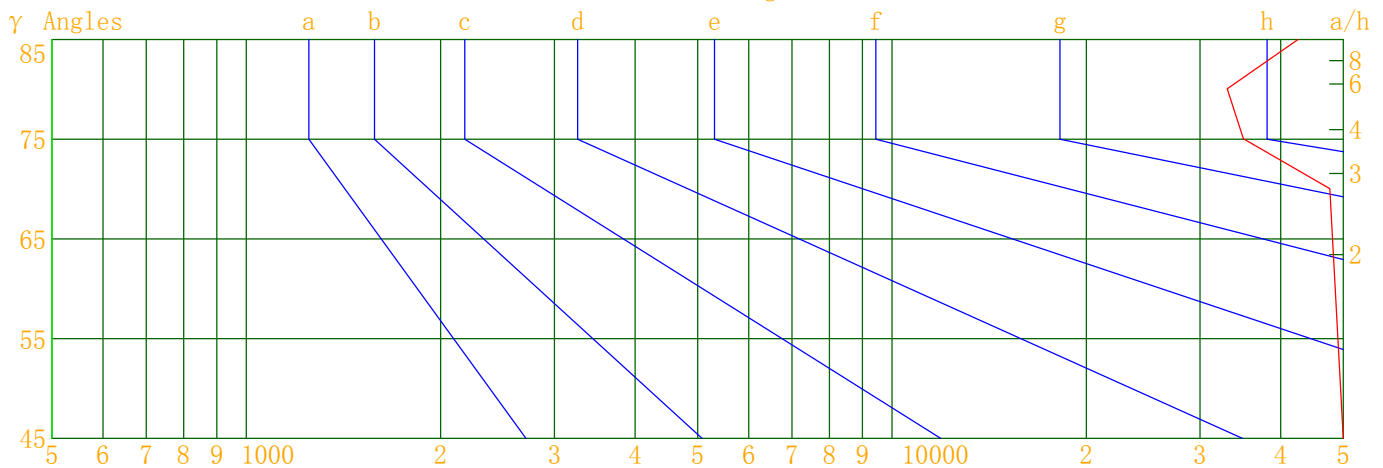
Glare Grade Table

GI	Quality	Using Illuminance							
		a	b	c	d	e	f	g	h
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E	a				2000	1000	500	<=300
			b	c	d	e	f	g	h

Luminance Table

Gama (deg)	45	50	55	60	65	70	75	80	85
C0	198991	182803	155456	117656	76585	47651	35011	33045	42535
C90	0	0	0	0	0	0	0	0	0

Luminance Limiting Curve



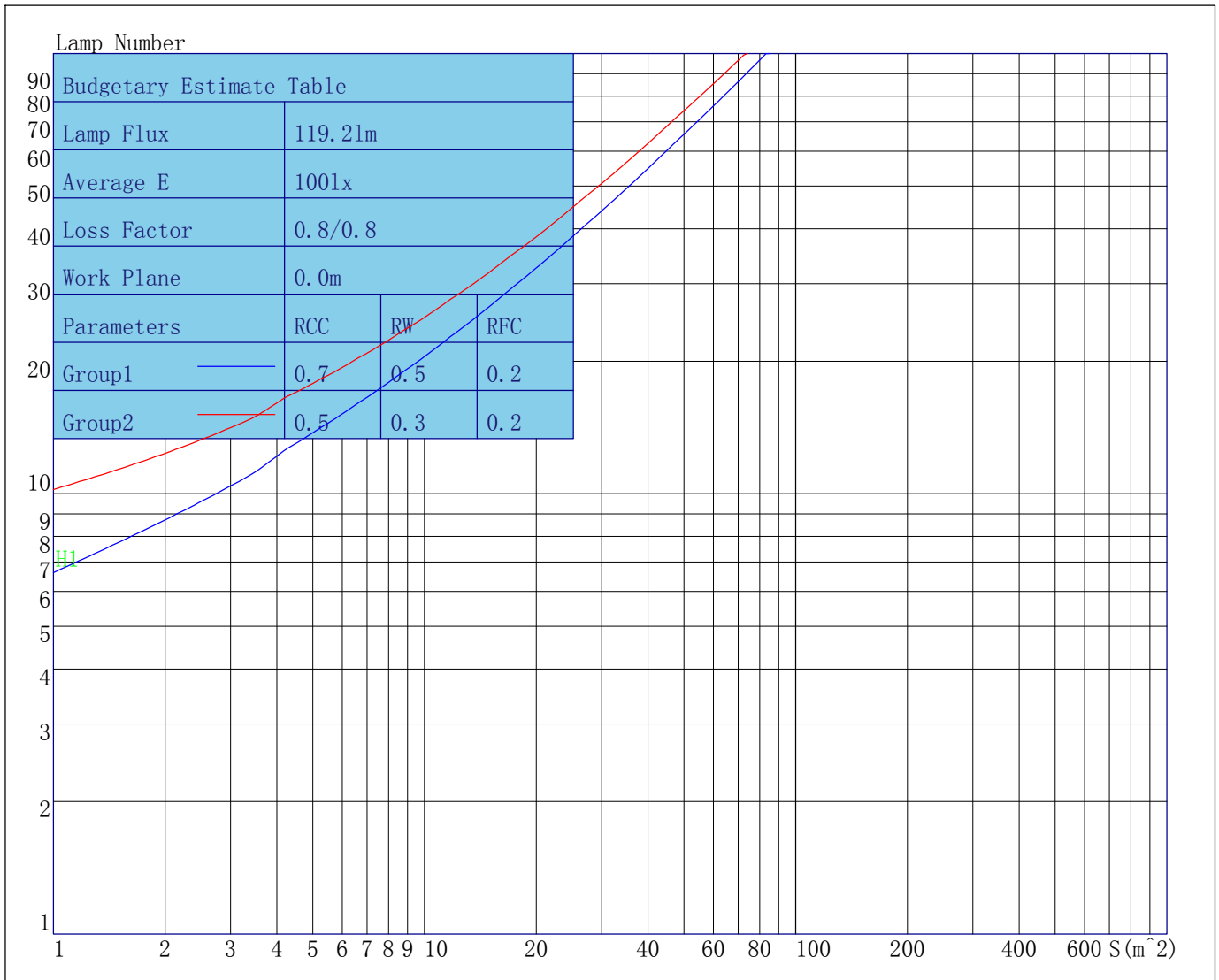
Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m<sup>2</sup>)=0.001963  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: ——— C90-C270 Color: ———

# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

## Indoor Budgetary Estimate Table

Lum. Name: ST01-03-XX-01 2700K RA80 50D 黑	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/08/04



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8  
 Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8  
 Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

## Indoor Coefficient of Utilization Table

Lum. Name: ST01-03-XX-01 2700K RA80 50D 黑	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/08/04

Coefficients of Utilization - Zonal Cavity Method																					
Coef.	Effective Floor Cavity Reflectance RFC=0.20																				
RhoCC (%)	80				70				50				30				10				0
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0			
RCR	Coefficient of Utilization (%)																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	87	85			
2	100	92	86	80	97	90	84	79	87	82	77	83	79	75	80	77	74	72			
3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	71	66	62	60			
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50			
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	42			
6	69	55	46	39	67	54	45	39	52	45	39	51	44	38	49	43	38	36			
7	63	49	40	34	61	48	40	33	47	39	33	45	38	33	44	37	33	31			
8	58	44	35	29	56	43	35	29	42	34	29	40	33	28	39	33	28	26			
9	53	39	31	25	52	39	31	25	38	30	25	36	30	25	35	29	24	23			
10	50	36	27	22	48	35	27	22	34	27	22	33	26	22	32	26	21	20			

# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

## Unified Glare Rating Table

Lum. Name: ST01-03-XX-01 2700K RA80 50D 黑	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/08/04

## Unified Glare Rating Table

Ceiling RCC	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
Wall RW	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
Floor RFC	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room Size	Viewed crosswise					Viewed endwise				
X=2H Y=2H	33.9	35.5	34.2	35.8	36.1	16.5	18.2	16.9	18.5	18.8
Y=3H	34.3	35.8	34.7	36.1	36.5	16.4	17.9	16.8	18.2	18.6
Y=4H	34.4	35.8	34.8	36.2	36.5	16.4	17.7	16.8	18.1	18.5
Y=6H	34.5	35.8	34.9	36.2	36.6	16.3	17.6	16.7	17.9	18.3
Y=8H	34.6	35.8	35.0	36.2	36.6	16.3	17.5	16.7	17.9	18.3
Y=12H	34.6	35.8	35.1	36.2	36.6	16.3	17.4	16.7	17.8	18.2
X=4H Y=2H	33.7	35.1	34.2	35.5	35.8	19.5	20.8	19.9	21.2	21.6
Y=3H	34.3	35.4	34.7	35.8	36.2	19.4	20.5	19.8	20.9	21.3
Y=4H	34.4	35.4	34.8	35.8	36.3	19.4	20.3	19.8	20.8	21.2
Y=6H	34.6	35.4	35.0	35.9	36.3	19.3	20.2	19.8	20.6	21.1
Y=8H	34.6	35.4	35.1	35.9	36.4	19.3	20.1	19.7	20.5	21.0
Y=12H	34.7	35.5	35.2	35.9	36.4	19.2	20.0	19.7	20.4	20.9
X=8H Y=4H	34.3	35.1	34.8	35.6	36.0	19.8	20.6	20.3	21.1	21.5
Y=6H	34.5	35.1	35.0	35.6	36.2	19.7	20.4	20.2	20.9	21.5
Y=8H	34.6	35.2	35.1	35.7	36.2	19.7	20.3	20.2	20.8	21.3
Y=12H	34.7	35.3	35.2	35.8	36.3	19.6	20.2	20.2	20.7	21.3
X=12H Y=4H	34.3	35.0	34.8	35.5	36.0	19.9	20.7	20.4	21.1	21.6
Y=6H	34.4	35.0	34.9	35.5	36.0	19.9	20.5	20.4	21.0	21.5
Y=8H	34.5	35.1	35.0	35.6	36.1	19.9	20.4	20.4	20.9	21.5
Variations with the observer position at spacings										
S=1.0H	0.3/-0.3					3.4/-7.6				
S=1.5H	0.8/-0.6					3.2/-6.3				
S=2.0H	3.6/-1.8					3.2/-5.6				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	0.7					2.0				

to the CIE Pub.117, data has been corrected, refers to the lamp's lumens 8.2flm.

# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

---

## Candela Tabulation

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0
γ 0.0	1.62	1.62	1.62	1.62	1.62	1.62	1.62
γ 1.0	0.00	1.01	2.89	3.37	1.69	0.90	1.36
γ 2.0	0.00	1.21	3.01	3.31	1.55	0.78	1.22
γ 3.0	0.03	1.42	3.11	3.23	1.39	0.63	1.06
γ 4.0	0.04	1.62	3.21	3.17	1.25	0.50	0.89
γ 5.0	0.03	1.84	3.30	3.08	1.11	0.37	0.71
γ 6.0	0.03	2.07	3.38	3.01	0.98	0.24	0.53
γ 7.0	0.04	2.30	3.44	2.92	0.84	0.12	0.37
γ 8.0	0.03	2.55	3.50	2.82	0.71	0.00	0.22
γ 9.0	0.04	2.80	3.54	2.73	0.59	0.00	0.07
γ 10.0	0.05	3.07	3.59	2.62	0.47	0.00	0.00
γ 11.0	1.11	3.33	3.63	2.52	0.36	0.00	0.00
γ 12.0	6.21	3.62	3.67	2.41	0.26	0.00	0.00
γ 13.0	20.47	3.93	3.69	2.31	0.16	0.00	0.00
γ 14.0	52.23	4.32	3.71	2.18	0.06	0.00	0.00
γ 15.0	76.02	5.50	3.73	2.07	0.00	0.00	0.00
γ 16.0	106.86	8.36	3.75	1.95	0.00	0.00	0.00
γ 17.0	138.68	13.16	3.76	1.83	0.00	0.00	0.00
γ 18.0	165.57	21.16	3.77	1.70	0.00	0.00	0.00
γ 19.0	181.91	34.39	3.78	1.58	0.00	0.00	0.00
γ 20.0	191.45	52.26	3.80	1.45	0.00	0.00	0.00
γ 21.0	202.38	67.12	3.81	1.34	0.00	0.00	0.00
γ 22.0	212.17	75.64	3.82	1.21	0.00	0.00	0.00
γ 23.0	219.27	84.18	3.82	1.10	0.00	0.00	0.00
γ 24.0	223.89	92.89	3.84	0.97	0.00	0.00	0.00
γ 25.0	227.76	100.78	3.85	0.87	0.00	0.00	0.00
γ 26.0	231.88	107.55	3.87	0.75	0.00	0.00	0.00
γ 27.0	235.98	113.63	3.88	0.65	0.00	0.00	0.00
γ 28.0	240.30	118.64	3.90	0.54	0.00	0.00	0.00
γ 29.0	245.27	122.74	3.92	0.44	0.00	0.00	0.00
γ 30.0	250.64	126.21	3.93	0.34	0.00	0.00	0.00
γ 31.0	256.89	129.12	3.95	0.24	0.00	0.00	0.00
γ 32.0	263.31	131.30	3.96	0.15	0.00	0.00	0.00
γ 33.0	269.47	133.18	3.96	0.06	0.00	0.00	0.00
γ 34.0	274.94	134.34	3.96	0.00	0.00	0.00	0.00
γ 35.0	280.38	135.37	3.96	0.00	0.00	0.00	0.00
γ 36.0	284.73	135.96	3.96	0.00	0.00	0.00	0.00
γ 37.0	288.48	136.03	3.95	0.00	0.00	0.00	0.00
γ 38.0	290.91	135.80	3.93	0.00	0.00	0.00	0.00
γ 39.0	292.85	135.36	3.89	0.00	0.00	0.00	0.00
γ 40.0	293.26	134.31	3.86	0.00	0.00	0.00	0.00
γ 41.0	292.80	132.94	3.80	0.00	0.00	0.00	0.00
γ 42.0	290.61	131.29	3.72	0.00	0.00	0.00	0.00
γ 43.0	287.51	129.14	3.67	0.00	0.00	0.00	0.00
γ 44.0	282.64	126.39	3.60	0.00	0.00	0.00	0.00
γ 45.0	276.28	123.45	3.52	0.00	0.00	0.00	0.00
γ 46.0	268.52	119.69	3.42	0.00	0.00	0.00	0.00

---

# IES Indoor Report

Photometric Filename:ST01-03-XX-01 2700K RA80 50D 黑.IES

---

## Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0
γ 47.0	260.43	115.46	3.31	0.00	0.00	0.00	0.00
γ 48.0	250.99	110.62	3.21	0.00	0.00	0.00	0.00
γ 49.0	241.03	105.17	3.08	0.00	0.00	0.00	0.00
γ 50.0	230.72	99.29	2.95	0.00	0.00	0.00	0.00
γ 51.0	220.39	92.92	2.81	0.00	0.00	0.00	0.00
γ 52.0	209.53	86.22	2.68	0.00	0.00	0.00	0.00
γ 53.0	198.17	79.40	2.53	0.00	0.00	0.00	0.00
γ 54.0	186.50	72.43	2.39	0.00	0.00	0.00	0.00
γ 55.0	175.08	65.64	2.23	0.00	0.00	0.00	0.00
γ 56.0	163.15	59.01	2.09	0.00	0.00	0.00	0.00
γ 57.0	151.24	52.68	1.94	0.00	0.00	0.00	0.00
γ 58.0	139.31	46.73	1.79	0.00	0.00	0.00	0.00
γ 59.0	127.47	41.29	1.64	0.00	0.00	0.00	0.00
γ 60.0	115.51	36.23	1.50	0.00	0.00	0.00	0.00
γ 61.0	103.95	31.84	1.36	0.00	0.00	0.00	0.00
γ 62.0	92.87	27.89	1.22	0.00	0.00	0.00	0.00
γ 63.0	82.33	24.50	1.08	0.00	0.00	0.00	0.00
γ 64.0	72.59	21.54	0.95	0.00	0.00	0.00	0.00
γ 65.0	63.55	19.03	0.82	0.00	0.00	0.00	0.00
γ 66.0	55.41	16.91	0.71	0.00	0.00	0.00	0.00
γ 67.0	48.25	15.12	0.59	0.00	0.00	0.00	0.00
γ 68.0	41.99	13.58	0.47	0.00	0.00	0.00	0.00
γ 69.0	36.59	12.27	0.35	0.00	0.00	0.00	0.00
γ 70.0	32.00	11.16	0.25	0.00	0.00	0.00	0.00
γ 71.0	28.09	10.18	0.16	0.00	0.00	0.00	0.00
γ 72.0	24.80	9.30	0.06	0.00	0.00	0.00	0.00
γ 73.0	22.06	8.55	0.00	0.00	0.00	0.00	0.00
γ 74.0	19.76	7.84	0.00	0.00	0.00	0.00	0.00
γ 75.0	17.79	7.19	0.00	0.00	0.00	0.00	0.00
γ 76.0	16.11	6.58	0.00	0.00	0.00	0.00	0.00
γ 77.0	14.66	6.02	0.00	0.00	0.00	0.00	0.00
γ 78.0	13.40	5.49	0.00	0.00	0.00	0.00	0.00
γ 79.0	12.27	4.99	0.00	0.00	0.00	0.00	0.00
γ 80.0	11.27	4.51	0.00	0.00	0.00	0.00	0.00
γ 81.0	10.35	4.07	0.00	0.00	0.00	0.00	0.00
γ 82.0	9.51	3.65	0.00	0.00	0.00	0.00	0.00
γ 83.0	8.70	3.25	0.00	0.00	0.00	0.00	0.00
γ 84.0	7.98	2.83	0.00	0.00	0.00	0.00	0.00
γ 85.0	7.28	2.42	0.00	0.00	0.00	0.00	0.00
γ 86.0	6.64	2.06	0.00	0.00	0.00	0.00	0.00
γ 87.0	6.03	1.73	0.00	0.00	0.00	0.00	0.00
γ 88.0	5.43	1.42	0.00	0.00	0.00	0.00	0.00
γ 89.0	4.84	1.14	0.00	0.00	0.00	0.00	0.00
γ 90.0	4.26	0.89	0.00	0.00	0.00	0.00	0.00
γ 91.0	3.74	0.65	0.00	0.00	0.00	0.00	0.00
γ 92.0	3.28	0.43	0.00	0.00	0.00	0.00	0.00
γ 93.0	2.87	0.23	0.00	0.00	0.00	0.00	0.00

---





