

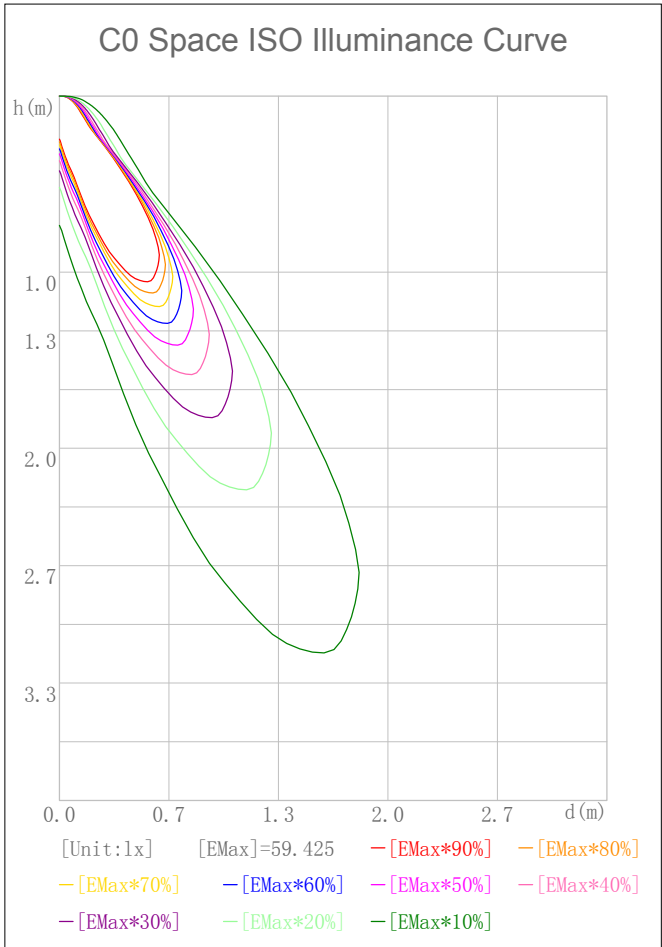
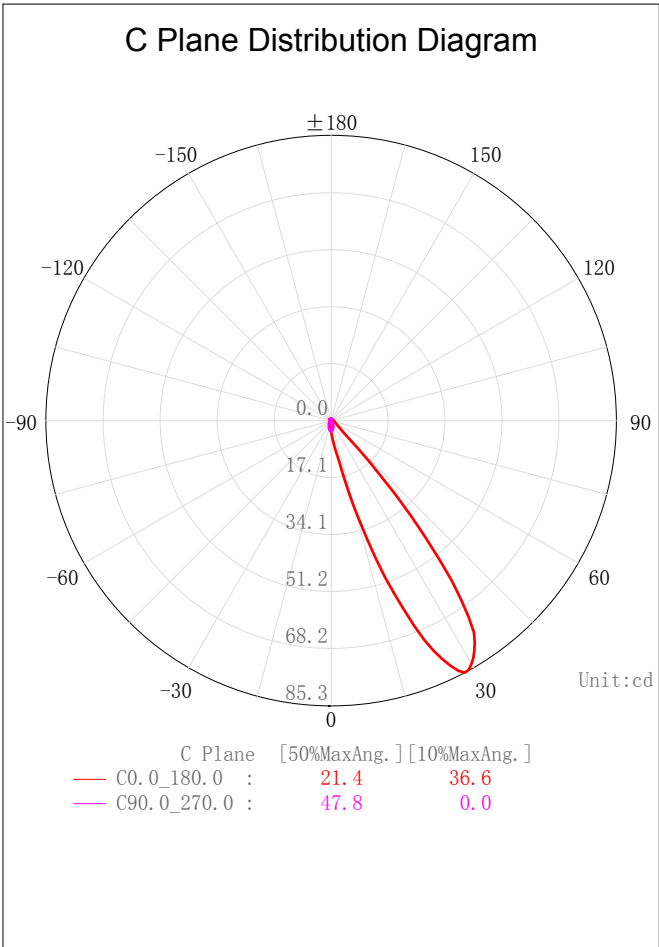
Indoor Luminaire Photometric Data

Description Information

Luminary Name: ST02-03-XX-03 4000K RA90		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2020/06/16
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*0.050m*0.072m		Lum. Area (m2):0.006	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

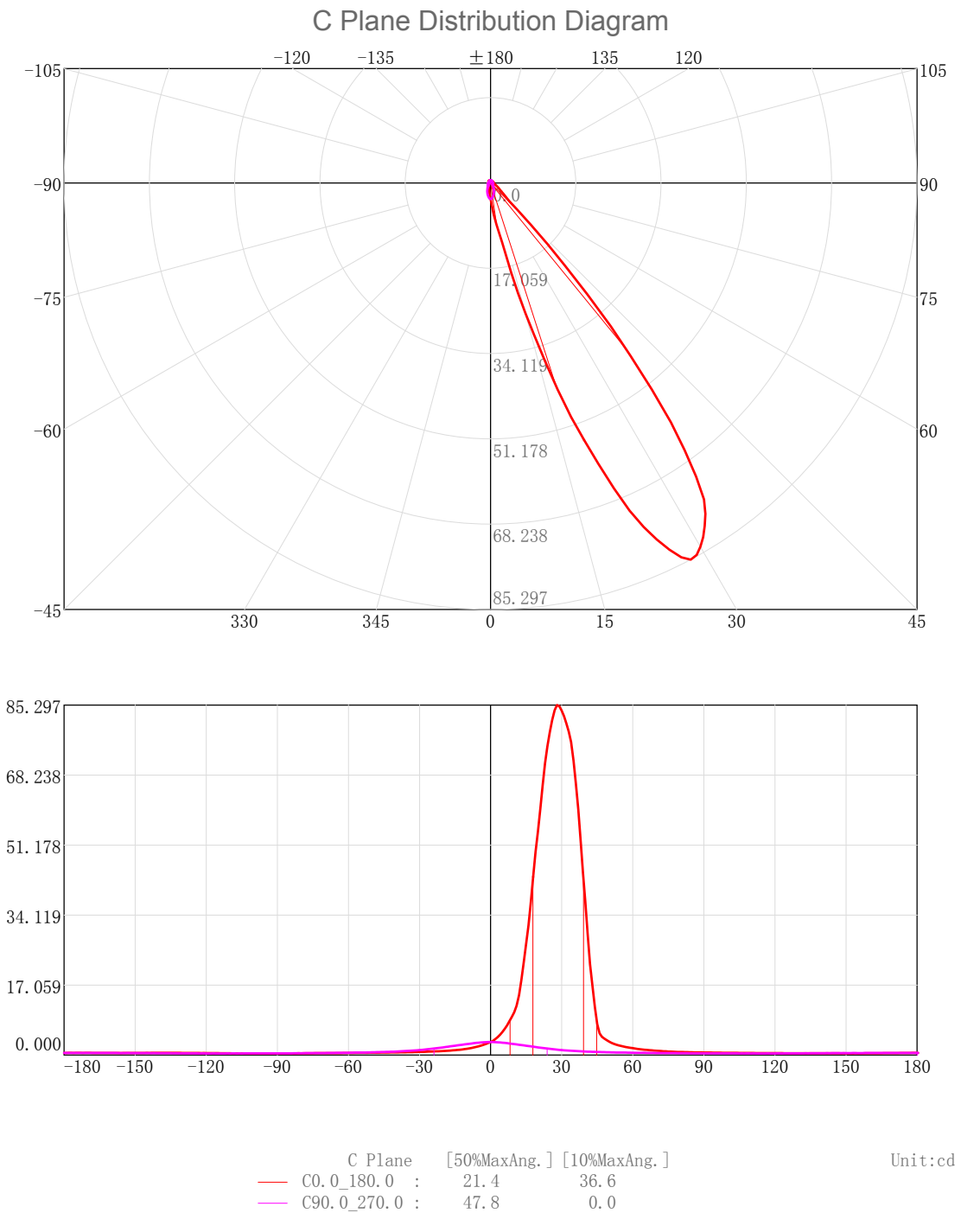
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 31.810	Luminary Flux(lm): 31.811	Field Angle(10%Imax): 36.6(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 28.801lm 90.54%	
Rated Voltage(V):	Luminary EER(lm/W): 10.861	Up Lumens&Percent: 3.009lm 9.46%	
Tested Power(W): 2.929	Max. Candela(cd): 85.297	S/MH: C0_a180=1.209 C90_270=0.718	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=28.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.1, 0.015, 0.809	Beam Angle(50%Imax): 21.4(°)	ErP ϕ use(90°): 25.270lm	
Lamp Size(W*L*H):0.050m*0.050m*0.072m	Left=17.9°, Right=39.3°	IRF(%): 248.291	



2D Plane Light Intensity Distribution Curve

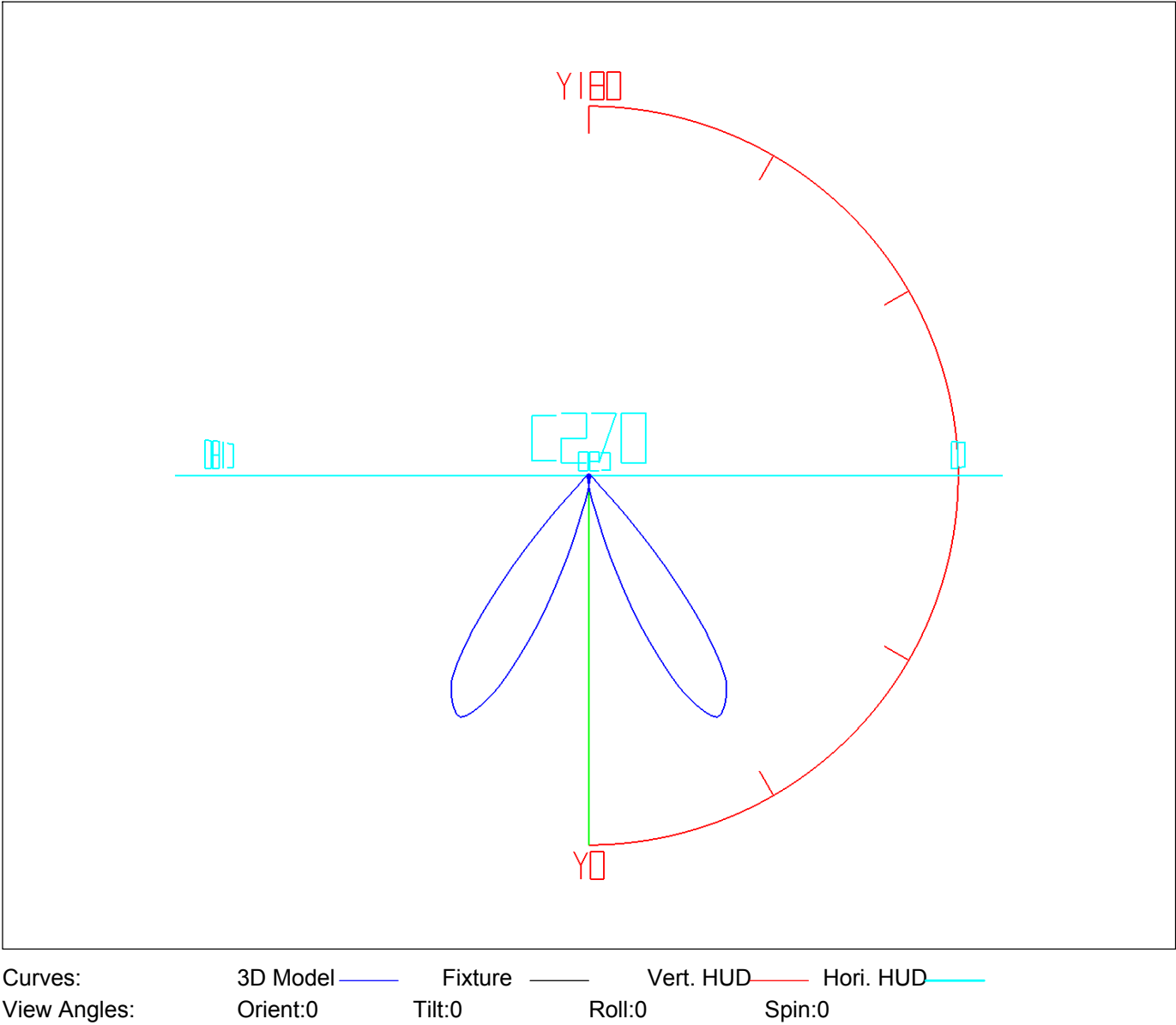
Lum. Name: ST02-03-XX-03 4000K RA90	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/06/16



3D Light Intensity Distribution Modal

Lum. Name:ST02-03-XX-03 4000K RA90	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2020/06/16

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:ST02-03-XX-03 4000K RA90.IES

Zonal Flux Tabulation

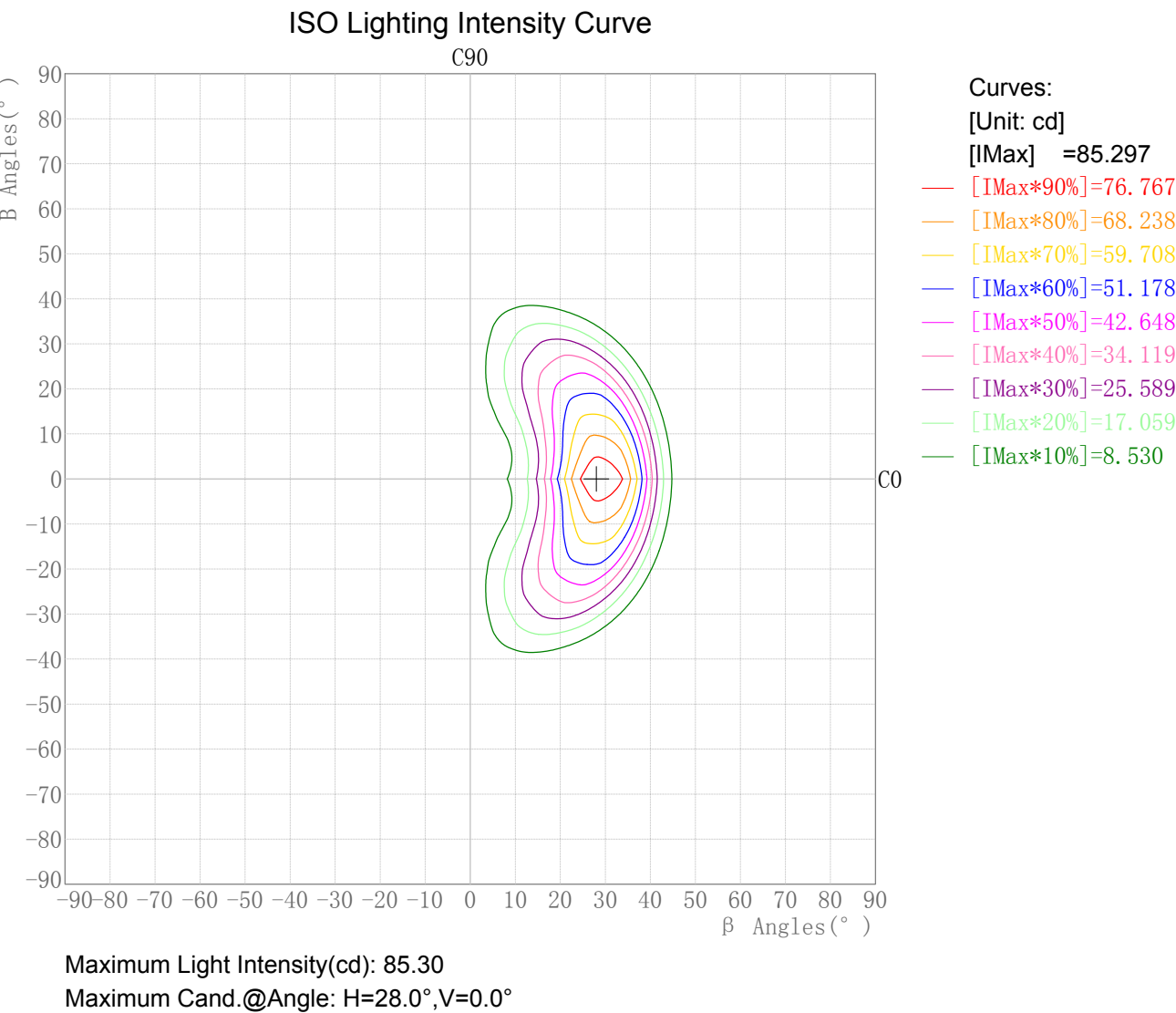
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.00	0.00	0.01	0.01	47.0-48.0	0.13	25.71	0.40	80.82
1.0-2.0	0.01	0.01	0.03	0.04	48.0-49.0	0.12	25.83	0.38	81.20
2.0-3.0	0.02	0.03	0.05	0.09	49.0-50.0	0.11	25.94	0.36	81.56
3.0-4.0	0.02	0.05	0.07	0.16	50.0-51.0	0.11	26.05	0.34	81.90
4.0-5.0	0.03	0.08	0.09	0.25	51.0-52.0	0.10	26.16	0.32	82.22
5.0-6.0	0.04	0.12	0.12	0.37	52.0-53.0	0.10	26.25	0.31	82.54
6.0-7.0	0.05	0.16	0.14	0.51	53.0-54.0	0.10	26.35	0.30	82.84
7.0-8.0	0.06	0.22	0.17	0.69	54.0-55.0	0.09	26.44	0.29	83.13
8.0-9.0	0.07	0.28	0.21	0.89	55.0-56.0	0.09	26.53	0.28	83.41
9.0-10.0	0.08	0.36	0.24	1.13	56.0-57.0	0.09	26.62	0.28	83.69
10.0-11.0	0.09	0.45	0.28	1.42	57.0-58.0	0.09	26.71	0.27	83.96
11.0-12.0	0.11	0.56	0.34	1.76	58.0-59.0	0.08	26.79	0.26	84.23
12.0-13.0	0.14	0.70	0.43	2.18	59.0-60.0	0.08	26.87	0.26	84.48
13.0-14.0	0.17	0.87	0.54	2.72	60.0-61.0	0.08	26.95	0.25	84.74
14.0-15.0	0.21	1.08	0.66	3.39	61.0-62.0	0.08	27.03	0.25	84.98
15.0-16.0	0.26	1.33	0.81	4.19	62.0-63.0	0.08	27.11	0.24	85.23
16.0-17.0	0.31	1.64	0.98	5.17	63.0-64.0	0.08	27.19	0.24	85.46
17.0-18.0	0.38	2.02	1.18	6.35	64.0-65.0	0.07	27.26	0.23	85.69
18.0-19.0	0.45	2.47	1.41	7.76	65.0-66.0	0.07	27.33	0.23	85.92
19.0-20.0	0.52	2.99	1.64	9.40	66.0-67.0	0.07	27.40	0.22	86.15
20.0-21.0	0.60	3.59	1.87	11.28	67.0-68.0	0.07	27.47	0.22	86.37
21.0-22.0	0.68	4.27	2.13	13.41	68.0-69.0	0.07	27.54	0.22	86.59
22.0-23.0	0.76	5.03	2.40	15.81	69.0-70.0	0.07	27.61	0.21	86.80
23.0-24.0	0.85	5.88	2.66	18.48	70.0-71.0	0.07	27.68	0.21	87.01
24.0-25.0	0.92	6.80	2.90	21.37	71.0-72.0	0.07	27.74	0.21	87.22
25.0-26.0	0.99	7.79	3.12	24.49	72.0-73.0	0.07	27.81	0.20	87.42
26.0-27.0	1.06	8.85	3.33	27.82	73.0-74.0	0.06	27.87	0.20	87.62
27.0-28.0	1.12	9.97	3.51	31.33	74.0-75.0	0.06	27.94	0.20	87.82
28.0-29.0	1.16	11.12	3.65	34.97	75.0-76.0	0.06	28.00	0.20	88.02
29.0-30.0	1.19	12.31	3.73	38.70	76.0-77.0	0.06	28.06	0.19	88.21
30.0-31.0	1.20	13.51	3.78	42.48	77.0-78.0	0.06	28.12	0.19	88.40
31.0-32.0	1.22	14.73	3.82	46.30	78.0-79.0	0.06	28.18	0.19	88.59
32.0-33.0	1.22	15.95	3.84	50.14	79.0-80.0	0.06	28.24	0.19	88.78
33.0-34.0	1.22	17.17	3.83	53.97	80.0-81.0	0.06	28.30	0.18	88.96
34.0-35.0	1.19	18.36	3.75	57.72	81.0-82.0	0.06	28.36	0.18	89.15
35.0-36.0	1.14	19.50	3.58	61.31	82.0-83.0	0.06	28.41	0.18	89.33
36.0-37.0	1.07	20.57	3.37	64.67	83.0-84.0	0.06	28.47	0.18	89.50
37.0-38.0	0.98	21.55	3.08	67.76	84.0-85.0	0.06	28.53	0.18	89.68
38.0-39.0	0.87	22.42	2.73	70.49	85.0-86.0	0.06	28.58	0.17	89.85
39.0-40.0	0.76	23.18	2.38	72.86	86.0-87.0	0.06	28.64	0.17	90.03
40.0-41.0	0.64	23.82	2.01	74.87	87.0-88.0	0.05	28.69	0.17	90.20
41.0-42.0	0.51	24.33	1.61	76.48	88.0-89.0	0.05	28.75	0.17	90.37
42.0-43.0	0.40	24.73	1.27	77.75	89.0-90.0	0.05	28.80	0.17	90.54
43.0-44.0	0.31	25.04	0.98	78.72	90.0-91.0	0.05	28.86	0.17	90.71
44.0-45.0	0.23	25.27	0.72	79.44	91.0-92.0	0.05	28.91	0.17	90.88
45.0-46.0	0.17	25.44	0.53	79.97	92.0-93.0	0.05	28.96	0.17	91.04
46.0-47.0	0.14	25.58	0.44	80.41	93.0-94.0	0.05	29.01	0.16	91.21

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	0.05	29.07	0.16	91.37	141.0-142.0	0.03	31.13	0.11	97.87
95.0-96.0	0.05	29.12	0.16	91.53	142.0-143.0	0.03	31.17	0.10	97.97
96.0-97.0	0.05	29.17	0.16	91.70	143.0-144.0	0.03	31.20	0.10	98.07
97.0-98.0	0.05	29.22	0.16	91.86	144.0-145.0	0.03	31.23	0.10	98.18
98.0-99.0	0.05	29.27	0.16	92.02	145.0-146.0	0.03	31.26	0.10	98.27
99.0-100.0	0.05	29.32	0.16	92.17	146.0-147.0	0.03	31.29	0.10	98.37
100.0-101.0	0.05	29.37	0.16	92.33	147.0-148.0	0.03	31.32	0.09	98.46
101.0-102.0	0.05	29.42	0.16	92.49	148.0-149.0	0.03	31.35	0.09	98.55
102.0-103.0	0.05	29.47	0.15	92.64	149.0-150.0	0.03	31.38	0.09	98.64
103.0-104.0	0.05	29.52	0.15	92.80	150.0-151.0	0.03	31.40	0.08	98.72
104.0-105.0	0.05	29.57	0.15	92.95	151.0-152.0	0.03	31.43	0.08	98.81
105.0-106.0	0.05	29.61	0.15	93.10	152.0-153.0	0.03	31.46	0.08	98.89
106.0-107.0	0.05	29.66	0.15	93.25	153.0-154.0	0.02	31.48	0.08	98.97
107.0-108.0	0.05	29.71	0.15	93.40	154.0-155.0	0.02	31.50	0.07	99.04
108.0-109.0	0.05	29.76	0.15	93.55	155.0-156.0	0.02	31.53	0.07	99.11
109.0-110.0	0.05	29.81	0.15	93.70	156.0-157.0	0.02	31.55	0.07	99.18
110.0-111.0	0.05	29.85	0.15	93.84	157.0-158.0	0.02	31.57	0.07	99.25
111.0-112.0	0.05	29.90	0.15	93.99	158.0-159.0	0.02	31.59	0.06	99.31
112.0-113.0	0.05	29.95	0.15	94.14	159.0-160.0	0.02	31.61	0.06	99.37
113.0-114.0	0.05	29.99	0.14	94.28	160.0-161.0	0.02	31.63	0.06	99.43
114.0-115.0	0.05	30.04	0.14	94.43	161.0-162.0	0.02	31.65	0.06	99.49
115.0-116.0	0.05	30.08	0.14	94.57	162.0-163.0	0.02	31.66	0.05	99.54
116.0-117.0	0.05	30.13	0.14	94.71	163.0-164.0	0.02	31.68	0.05	99.59
117.0-118.0	0.05	30.17	0.14	94.85	164.0-165.0	0.02	31.70	0.05	99.64
118.0-119.0	0.04	30.22	0.14	94.99	165.0-166.0	0.01	31.71	0.05	99.69
119.0-120.0	0.04	30.26	0.14	95.13	166.0-167.0	0.01	31.72	0.04	99.73
120.0-121.0	0.04	30.31	0.14	95.27	167.0-168.0	0.01	31.74	0.04	99.77
121.0-122.0	0.04	30.35	0.14	95.41	168.0-169.0	0.01	31.75	0.04	99.81
122.0-123.0	0.04	30.39	0.14	95.54	169.0-170.0	0.01	31.76	0.03	99.84
123.0-124.0	0.04	30.43	0.13	95.68	170.0-171.0	0.01	31.77	0.03	99.87
124.0-125.0	0.04	30.48	0.13	95.81	171.0-172.0	0.01	31.78	0.03	99.90
125.0-126.0	0.04	30.52	0.13	95.94	172.0-173.0	0.01	31.79	0.02	99.92
126.0-127.0	0.04	30.56	0.13	96.07	173.0-174.0	0.01	31.79	0.02	99.94
127.0-128.0	0.04	30.60	0.13	96.21	174.0-175.0	0.01	31.80	0.02	99.96
128.0-129.0	0.04	30.64	0.13	96.33	175.0-176.0	0.00	31.80	0.01	99.98
129.0-130.0	0.04	30.68	0.13	96.46	176.0-177.0	0.00	31.81	0.01	99.99
130.0-131.0	0.04	30.72	0.13	96.59	177.0-178.0	0.00	31.81	0.01	100.00
131.0-132.0	0.04	30.76	0.12	96.71	178.0-179.0	0.00	31.81	0.00	100.00
132.0-133.0	0.04	30.80	0.12	96.84	179.0-180.0	0.00	31.81	0.00	100.00
133.0-134.0	0.04	30.84	0.12	96.96					
134.0-135.0	0.04	30.88	0.12	97.08					
135.0-136.0	0.04	30.92	0.12	97.20					
136.0-137.0	0.04	30.96	0.12	97.31					
137.0-138.0	0.04	30.99	0.11	97.43					
138.0-139.0	0.04	31.03	0.11	97.54					
139.0-140.0	0.04	31.06	0.11	97.65					
140.0-141.0	0.03	31.10	0.11	97.76					

Rectangle ISO Lighting Intensity Diagram

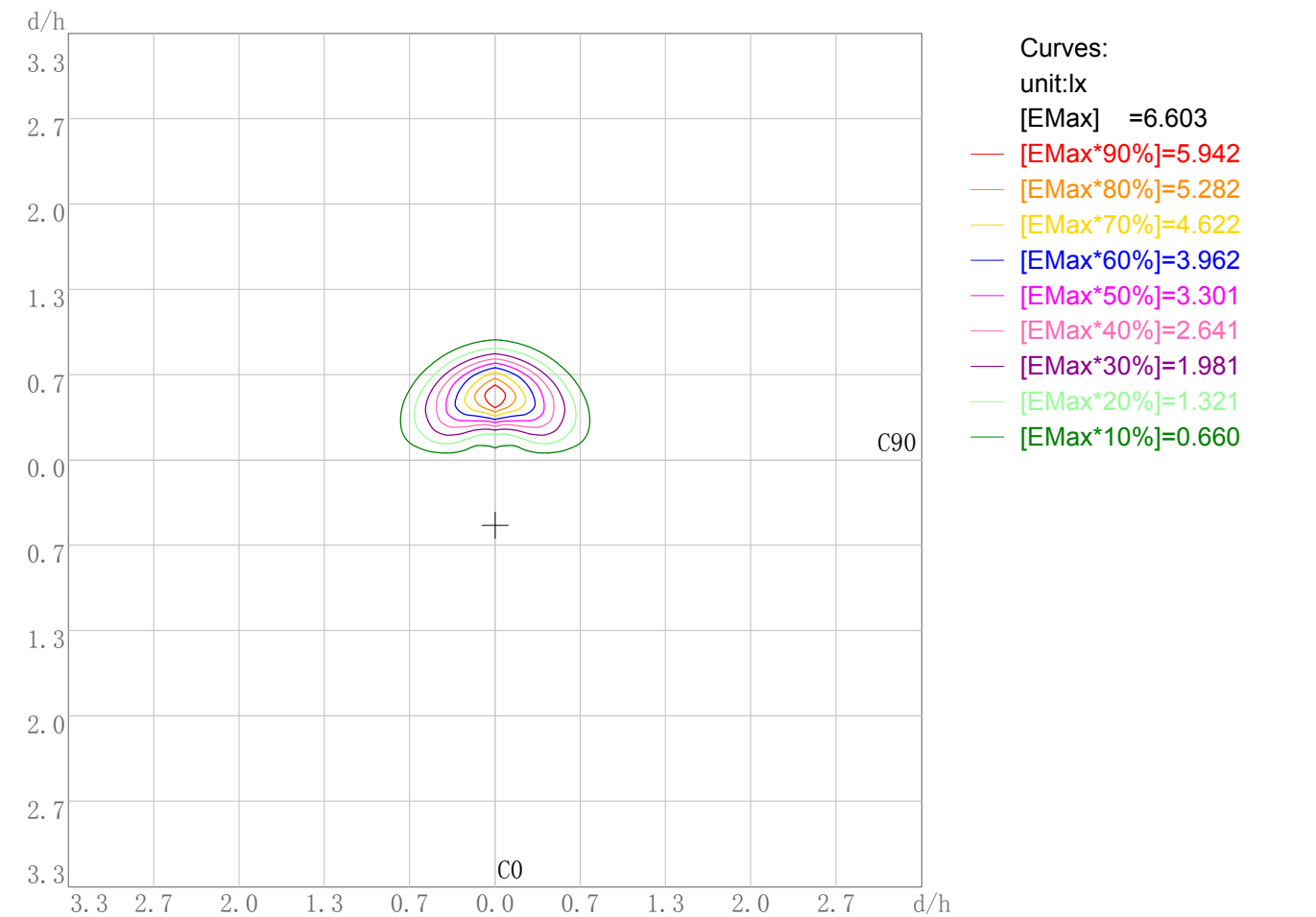
Lum. Name:ST02-03-XX-03 4000K RA90	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2020/06/16



Plane ISO-Illuminance Diagram

Lum. Name:ST02-03-XX-03 4000K RA90	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: 2020/06/16

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 6.60  
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.5

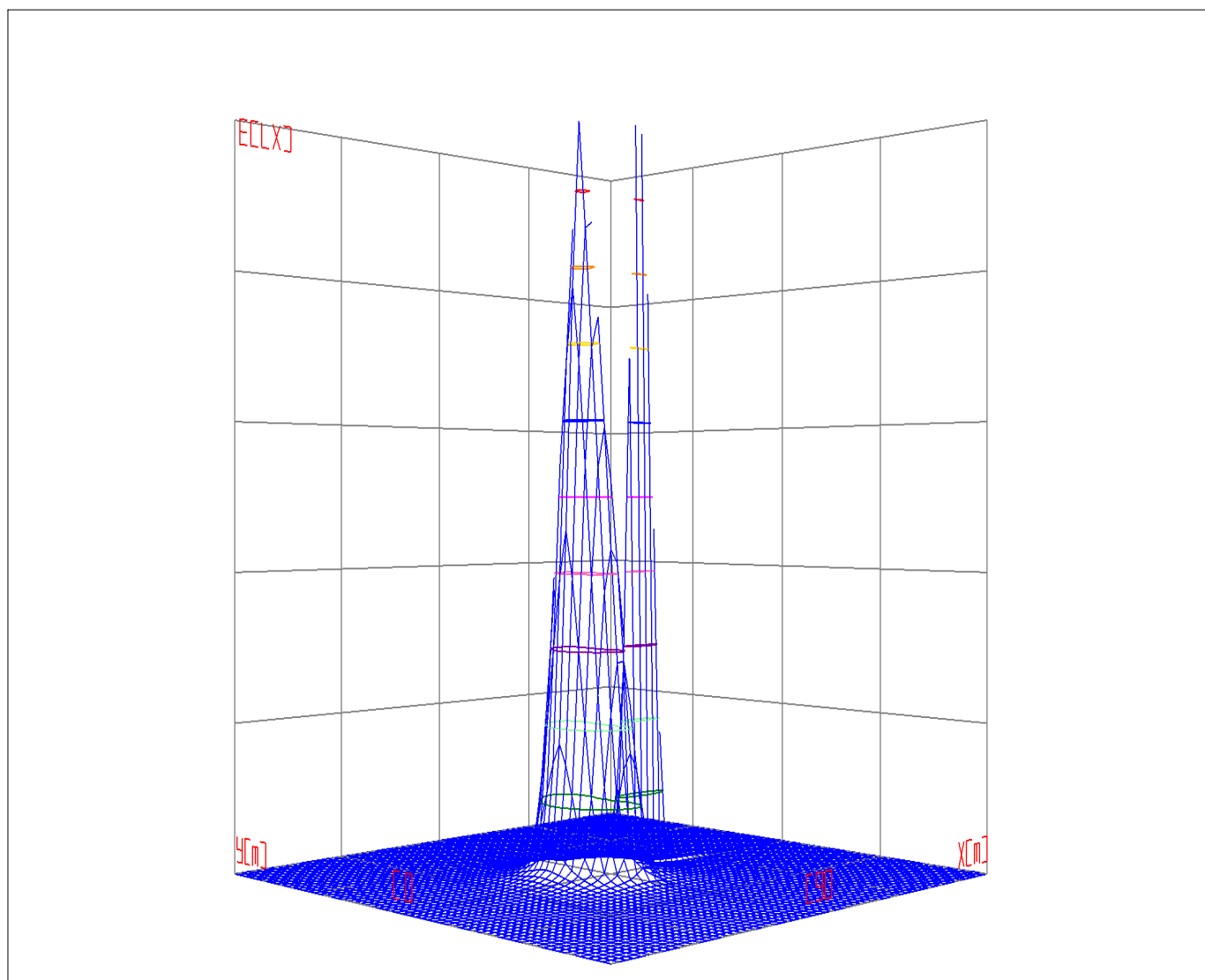
# IES Indoor Report

Photometric Filename:ST02-03-XX-03 4000K RA90.IES

## 3D Plane ISO Illuminance Diagram

Lum. Name: ST02-03-XX-03 4000K RA90	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: 2020/06/16

## 3D Plane Illuminance Modal



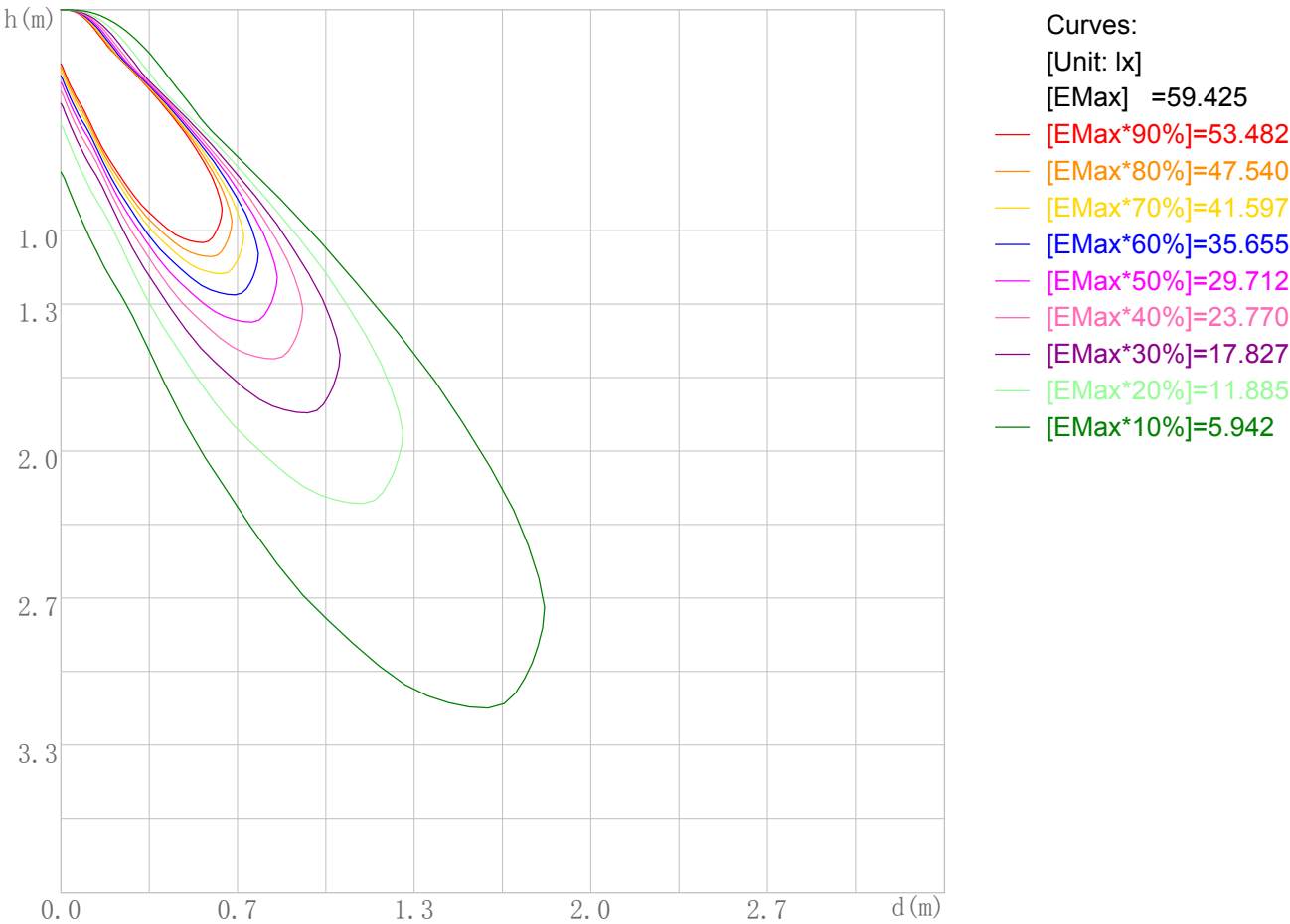
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name: ST02-03-XX-03 4000K RA90	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: 2020/06/16

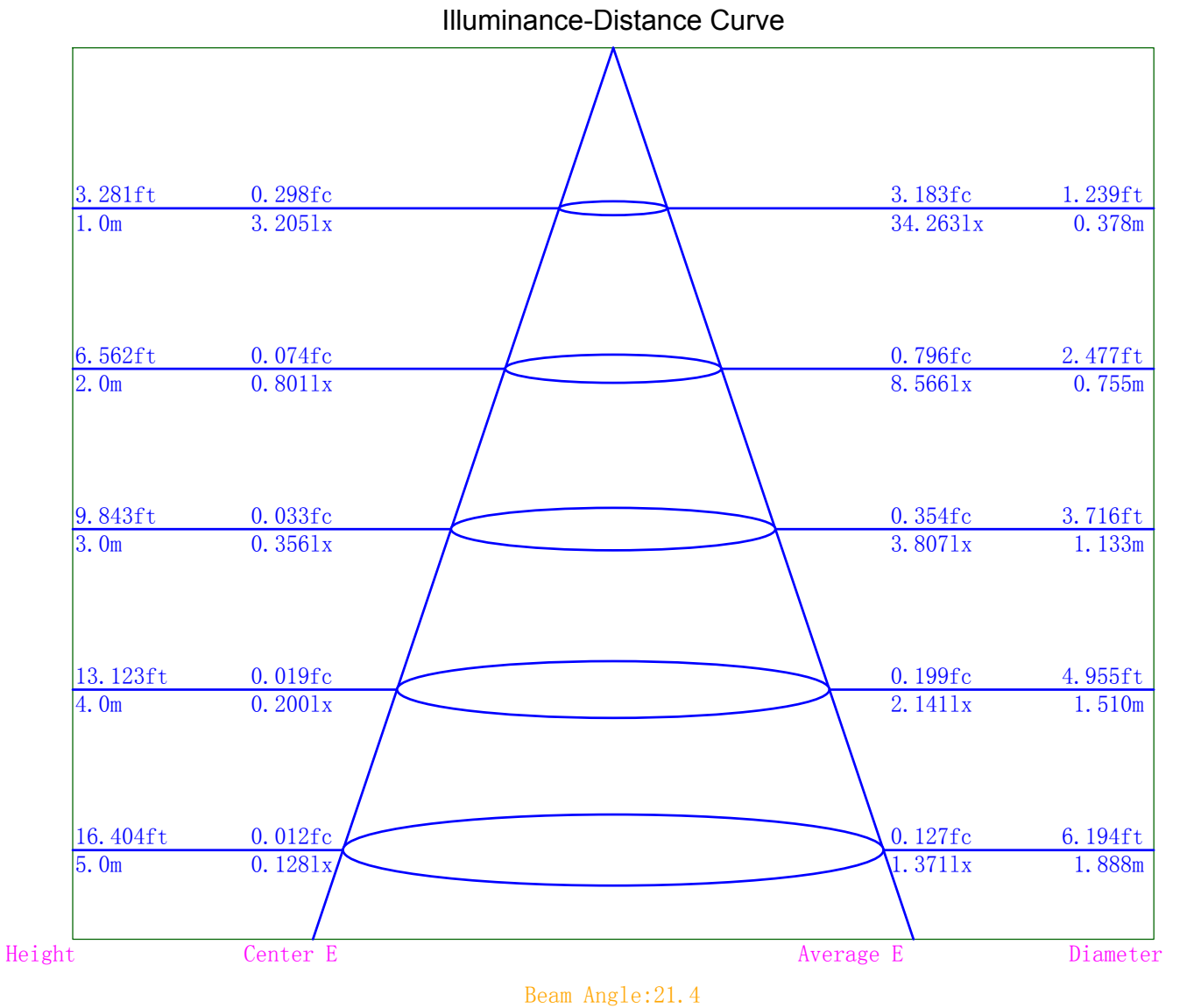
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:59.42lx,27.0deg  
Plane Maximum Lighting Intensity and @Angle:85.297cd,0deg

Illuminance-Distance Diagram

Lum. Name:ST02-03-XX-03 4000K RA90	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2020/06/16



Indoor Luminance Limiting Curves

Lum. Name: ST02-03-XX-03 4000K RA90	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: 2020/06/16

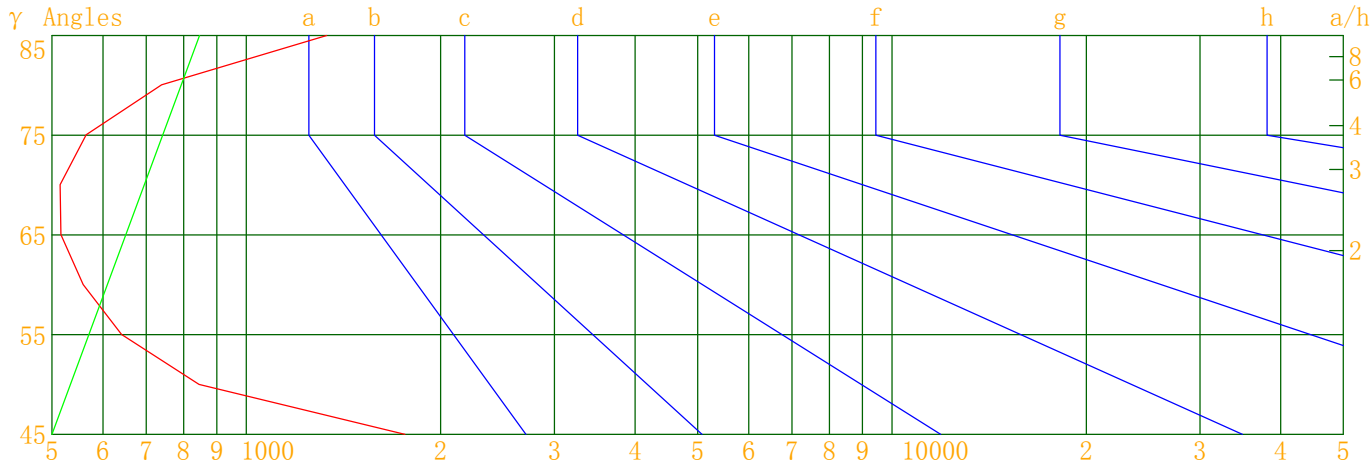
Glare Grade Table

GI	Quality	Using Illuminance							
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	1761	845	641	559	516	515	565	739	1332
C90	180	177	183	192	216	249	319	451	846

Luminance Limiting Curve



Luminous Size:

Length(m)=0.050

Width(m)=0.050

Height(m)=0.072

Area(m^2)=0.006100

Luminous Type:

Without Luminous Side

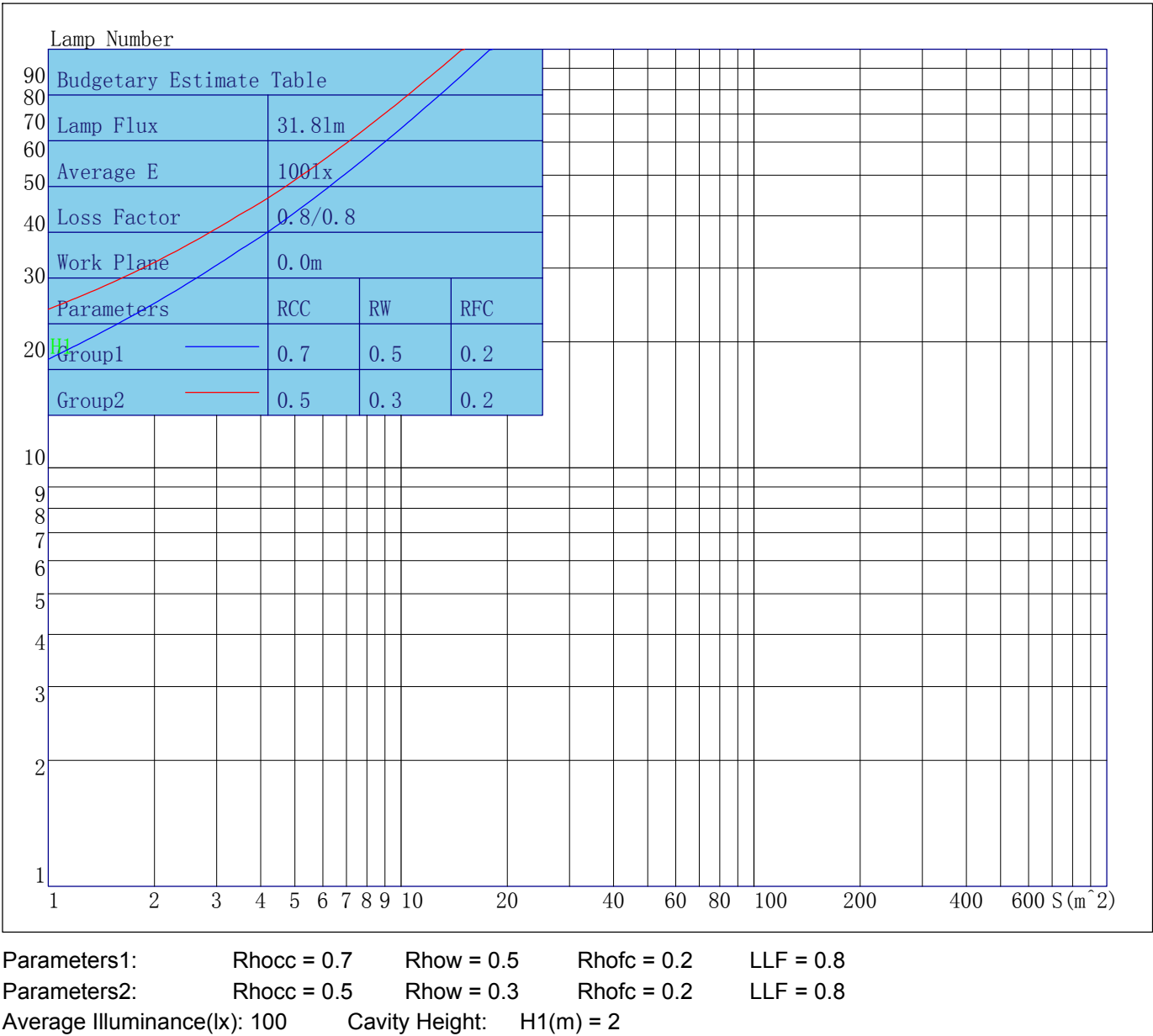
Luminous Curves:

C0-C180 Color: —

C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name: ST02-03-XX-03 4000K RA90	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: 2020/06/16



Indoor Coefficient of Utilization Table

Lum. Name: ST02-03-XX-03 4000K RA90	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/06/16

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	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	91
1	109	105	102	99	105	102	99	96	96	94	91	91	89	87	86	84	83	80
2	101	95	89	85	98	92	87	83	87	83	80	83	80	77	79	76	74	71
3	94	86	79	74	91	84	78	73	80	75	71	76	72	68	72	69	66	64
4	88	78	71	65	85	76	70	64	73	67	63	69	65	61	66	62	59	57
5	82	71	64	58	79	69	63	57	66	60	56	64	59	55	61	57	53	51
6	76	65	57	52	74	63	56	51	61	55	50	58	53	49	56	51	48	46
7	71	59	52	46	69	58	51	46	56	50	45	54	48	44	52	47	43	41
8	66	54	47	42	64	53	46	41	51	45	41	49	44	40	48	43	39	37
9	62	50	43	38	60	49	42	37	47	41	37	46	40	36	44	39	35	34
10	58	46	39	34	56	45	38	34	44	37	33	42	37	33	41	36	32	31

Unified Glare Rating Table

Lum. Name: ST02-03-XX-03 4000K RA90	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2020/06/16

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	Vewed crosswise					Vewed endwise				
X=2H    Y=2H	17.0	18.0	17.5	18.5	19.0	7.3	8.4	7.9	8.9	9.4
	16.9	17.8	17.4	18.3	18.9	7.6	8.5	8.2	9.0	9.6
	16.9	17.7	17.5	18.3	18.9	7.9	8.8	8.5	9.3	9.9
	16.9	17.7	17.5	18.2	18.9	8.5	9.3	9.1	9.8	10.5
	17.0	17.7	17.6	18.3	18.9	8.9	9.6	9.5	10.2	10.8
	17.1	17.8	17.7	18.3	19.0	9.5	10.2	10.1	10.7	11.4
X=4H    Y=2H	16.7	17.6	17.3	18.1	18.7	7.3	8.2	7.9	8.7	9.3
	16.7	17.4	17.3	18.0	18.6	7.9	8.6	8.5	9.2	9.8
	16.7	17.3	17.3	17.9	18.6	8.4	9.0	9.0	9.6	10.3
	16.8	17.4	17.4	18.0	18.7	9.3	9.8	9.9	10.4	11.1
	16.9	17.5	17.6	18.1	18.7	9.8	10.3	10.4	10.9	11.6
	17.1	17.6	17.8	18.2	18.9	10.6	11.0	11.2	11.7	12.4
X=8H    Y=4H	16.6	17.1	17.2	17.7	18.4	8.7	9.2	9.4	9.9	10.5
	16.8	17.2	17.4	17.9	18.6	9.9	10.3	10.5	10.9	11.7
	17.0	17.4	17.7	18.0	18.7	10.6	11.0	11.3	11.7	12.4
	17.4	17.7	18.0	18.3	19.1	11.7	12.0	12.4	12.7	13.4
X=12H    Y=4H	16.5	17.0	17.2	17.6	18.3	8.8	9.3	9.5	9.9	10.6
	16.8	17.2	17.5	17.8	18.5	10.1	10.5	10.8	11.1	11.8
	17.0	17.4	17.7	18.0	18.8	11.0	11.3	11.7	12.0	12.8
Variations with the objerver position at spacings										
S=1.0H	0.0/-0.0					0.1/-0.1				
S=1.5H	0.1/-0.1					0.1/-0.1				
S=2.0H	0.0/-0.1					0.2/-0.2				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.8					3.0				

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

Candela Tabulation

V/H	C0.0	C90.0	C180.0
γ 0.0	3.20	3.20	3.20
γ 1.0	3.46	3.22	2.98
γ 2.0	3.90	3.17	2.73
γ 3.0	4.40	3.14	2.52
γ 4.0	4.99	3.10	2.33
γ 5.0	5.68	3.05	2.16
γ 6.0	6.45	2.98	2.01
γ 7.0	7.28	2.94	1.87
γ 8.0	8.32	2.85	1.74
γ 9.0	9.32	2.78	1.64
γ 10.0	10.44	2.71	1.55
γ 11.0	12.04	2.62	1.47
γ 12.0	14.64	2.54	1.39
γ 13.0	18.38	2.46	1.33
γ 14.0	22.66	2.39	1.27
γ 15.0	27.10	2.31	1.22
γ 16.0	31.56	2.22	1.17
γ 17.0	37.27	2.14	1.12
γ 18.0	43.45	2.06	1.08
γ 19.0	49.47	1.98	1.05
γ 20.0	54.67	1.90	1.01
γ 21.0	60.13	1.83	0.98
γ 22.0	65.87	1.74	0.95
γ 23.0	71.17	1.67	0.93
γ 24.0	75.29	1.60	0.91
γ 25.0	78.65	1.53	0.89
γ 26.0	81.59	1.47	0.87
γ 27.0	84.01	1.42	0.85
γ 28.0	85.30	1.36	0.82
γ 29.0	85.04	1.30	0.81
γ 30.0	83.94	1.24	0.80
γ 31.0	82.59	1.20	0.78
γ 32.0	80.83	1.15	0.76
γ 33.0	78.87	1.11	0.75
γ 34.0	76.32	1.07	0.74
γ 35.0	71.68	1.04	0.73
γ 36.0	66.04	1.00	0.72
γ 37.0	59.94	0.97	0.71
γ 38.0	52.33	0.94	0.70
γ 39.0	44.43	0.90	0.69
γ 40.0	37.36	0.88	0.68
γ 41.0	29.47	0.86	0.67
γ 42.0	22.15	0.84	0.66
γ 43.0	16.74	0.82	0.66
γ 44.0	11.72	0.80	0.64
γ 45.0	7.59	0.78	0.64
γ 46.0	5.32	0.76	0.63

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0
γ 47.0	4.49	0.74	0.62
γ 48.0	4.06	0.73	0.62
γ 49.0	3.68	0.71	0.60
γ 50.0	3.31	0.69	0.60
γ 51.0	3.00	0.68	0.59
γ 52.0	2.76	0.67	0.58
γ 53.0	2.56	0.65	0.58
γ 54.0	2.38	0.65	0.58
γ 55.0	2.24	0.64	0.57
γ 56.0	2.11	0.63	0.56
γ 57.0	2.00	0.62	0.56
γ 58.0	1.89	0.60	0.56
γ 59.0	1.80	0.59	0.55
γ 60.0	1.71	0.59	0.54
γ 61.0	1.62	0.58	0.53
γ 62.0	1.53	0.57	0.53
γ 63.0	1.46	0.56	0.52
γ 64.0	1.39	0.56	0.52
γ 65.0	1.33	0.56	0.51
γ 66.0	1.27	0.55	0.51
γ 67.0	1.21	0.55	0.51
γ 68.0	1.17	0.53	0.50
γ 69.0	1.13	0.53	0.50
γ 70.0	1.07	0.52	0.49
γ 71.0	1.04	0.52	0.49
γ 72.0	1.00	0.51	0.49
γ 73.0	0.96	0.50	0.49
γ 74.0	0.93	0.51	0.49
γ 75.0	0.89	0.50	0.47
γ 76.0	0.86	0.50	0.48
γ 77.0	0.83	0.49	0.47
γ 78.0	0.81	0.49	0.47
γ 79.0	0.79	0.48	0.47
γ 80.0	0.78	0.48	0.45
γ 81.0	0.76	0.46	0.46
γ 82.0	0.75	0.46	0.45
γ 83.0	0.73	0.46	0.45
γ 84.0	0.72	0.46	0.44
γ 85.0	0.71	0.45	0.44
γ 86.0	0.69	0.45	0.43
γ 87.0	0.69	0.45	0.43
γ 88.0	0.68	0.45	0.43
γ 89.0	0.66	0.45	0.42
γ 90.0	0.65	0.44	0.42
γ 91.0	0.64	0.44	0.42
γ 92.0	0.64	0.44	0.43
γ 93.0	0.63	0.44	0.42

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0
γ 94.0	0.62	0.44	0.41
γ 95.0	0.61	0.44	0.42
γ 96.0	0.61	0.43	0.41
γ 97.0	0.60	0.44	0.42
γ 98.0	0.59	0.43	0.42
γ 99.0	0.58	0.44	0.42
γ 100.0	0.58	0.43	0.42
γ 101.0	0.58	0.43	0.42
γ 102.0	0.57	0.42	0.41
γ 103.0	0.56	0.43	0.42
γ 104.0	0.56	0.43	0.43
γ 105.0	0.55	0.42	0.43
γ 106.0	0.55	0.42	0.44
γ 107.0	0.54	0.41	0.44
γ 108.0	0.54	0.42	0.44
γ 109.0	0.54	0.43	0.44
γ 110.0	0.54	0.41	0.46
γ 111.0	0.53	0.42	0.47
γ 112.0	0.52	0.42	0.47
γ 113.0	0.52	0.42	0.47
γ 114.0	0.52	0.41	0.48
γ 115.0	0.51	0.41	0.49
γ 116.0	0.51	0.42	0.49
γ 117.0	0.51	0.43	0.49
γ 118.0	0.51	0.42	0.51
γ 119.0	0.50	0.42	0.51
γ 120.0	0.50	0.42	0.51
γ 121.0	0.49	0.42	0.53
γ 122.0	0.49	0.43	0.52
γ 123.0	0.49	0.42	0.53
γ 124.0	0.49	0.43	0.53
γ 125.0	0.49	0.43	0.54
γ 126.0	0.48	0.43	0.54
γ 127.0	0.49	0.44	0.55
γ 128.0	0.48	0.44	0.55
γ 129.0	0.48	0.44	0.55
γ 130.0	0.48	0.45	0.55
γ 131.0	0.48	0.45	0.56
γ 132.0	0.47	0.45	0.56
γ 133.0	0.48	0.46	0.56
γ 134.0	0.47	0.46	0.56
γ 135.0	0.47	0.46	0.57
γ 136.0	0.47	0.46	0.57
γ 137.0	0.47	0.46	0.57
γ 138.0	0.47	0.47	0.57
γ 139.0	0.47	0.48	0.57
γ 140.0	0.47	0.47	0.56

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# IES Indoor Report

Photometric Filename:ST02-03-XX-03 4000K RA90.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0
γ 141.0	0.46	0.49	0.56
γ 142.0	0.46	0.49	0.57
γ 143.0	0.46	0.49	0.56
γ 144.0	0.46	0.49	0.56
γ 145.0	0.47	0.49	0.56
γ 146.0	0.46	0.50	0.55
γ 147.0	0.46	0.50	0.55
γ 148.0	0.45	0.50	0.55
γ 149.0	0.46	0.50	0.55
γ 150.0	0.45	0.50	0.54
γ 151.0	0.45	0.51	0.54
γ 152.0	0.44	0.52	0.54
γ 153.0	0.45	0.52	0.53
γ 154.0	0.46	0.51	0.53
γ 155.0	0.45	0.52	0.53
γ 156.0	0.45	0.52	0.52
γ 157.0	0.45	0.52	0.53
γ 158.0	0.46	0.52	0.53
γ 159.0	0.46	0.52	0.53
γ 160.0	0.47	0.53	0.53
γ 161.0	0.47	0.53	0.54
γ 162.0	0.47	0.53	0.54
γ 163.0	0.48	0.53	0.54
γ 164.0	0.47	0.53	0.55
γ 165.0	0.48	0.53	0.55
γ 166.0	0.49	0.53	0.55
γ 167.0	0.49	0.53	0.55
γ 168.0	0.50	0.53	0.56
γ 169.0	0.50	0.53	0.56
γ 170.0	0.52	0.54	0.56
γ 171.0	0.51	0.54	0.56
γ 172.0	0.52	0.54	0.56
γ 173.0	0.54	0.53	0.56
γ 174.0	0.54	0.54	0.57
γ 175.0	0.54	0.54	0.57
γ 176.0	0.55	0.54	0.55
γ 177.0	0.55	0.54	0.56
γ 178.0	0.56	0.54	0.56
γ 179.0	0.56	0.54	0.55
γ 180.0	0.55	0.55	0.55