

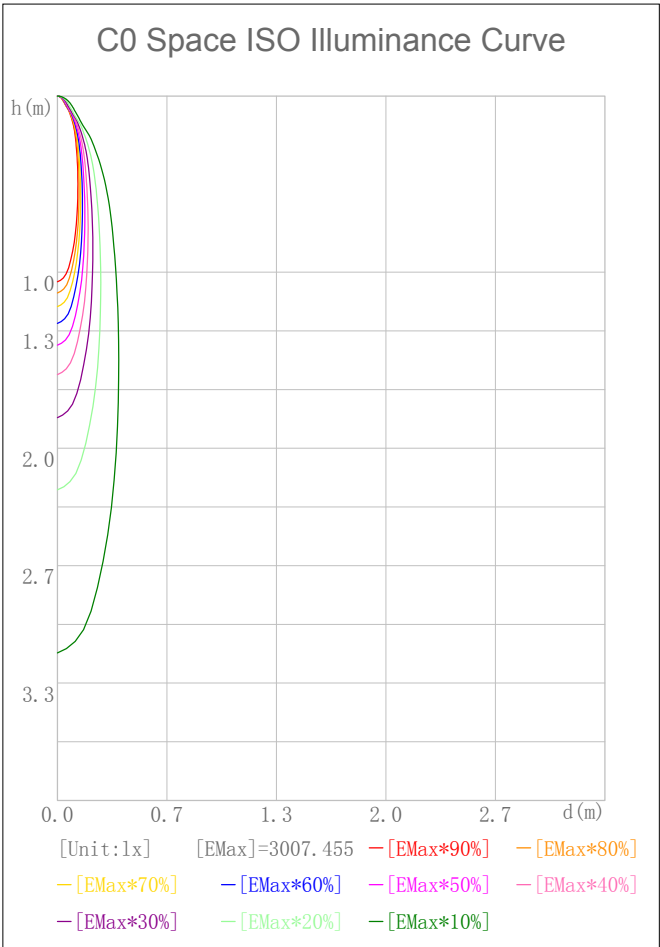
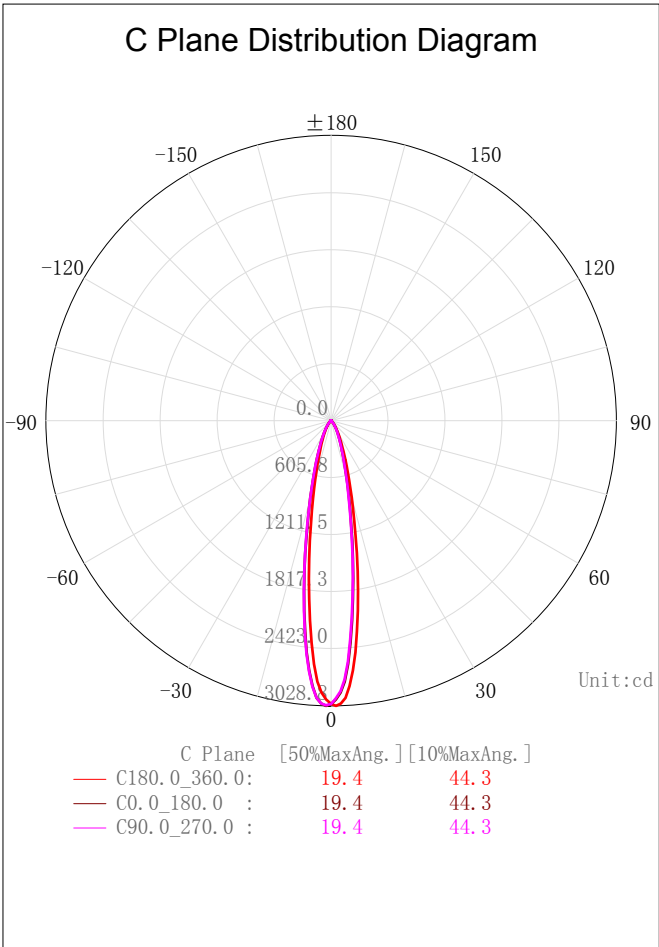
Indoor Luminaire Photometric Data

Description Information

Luminary Name: SD02-08-XX-01 3000K RA90 15D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2021/04/29
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=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

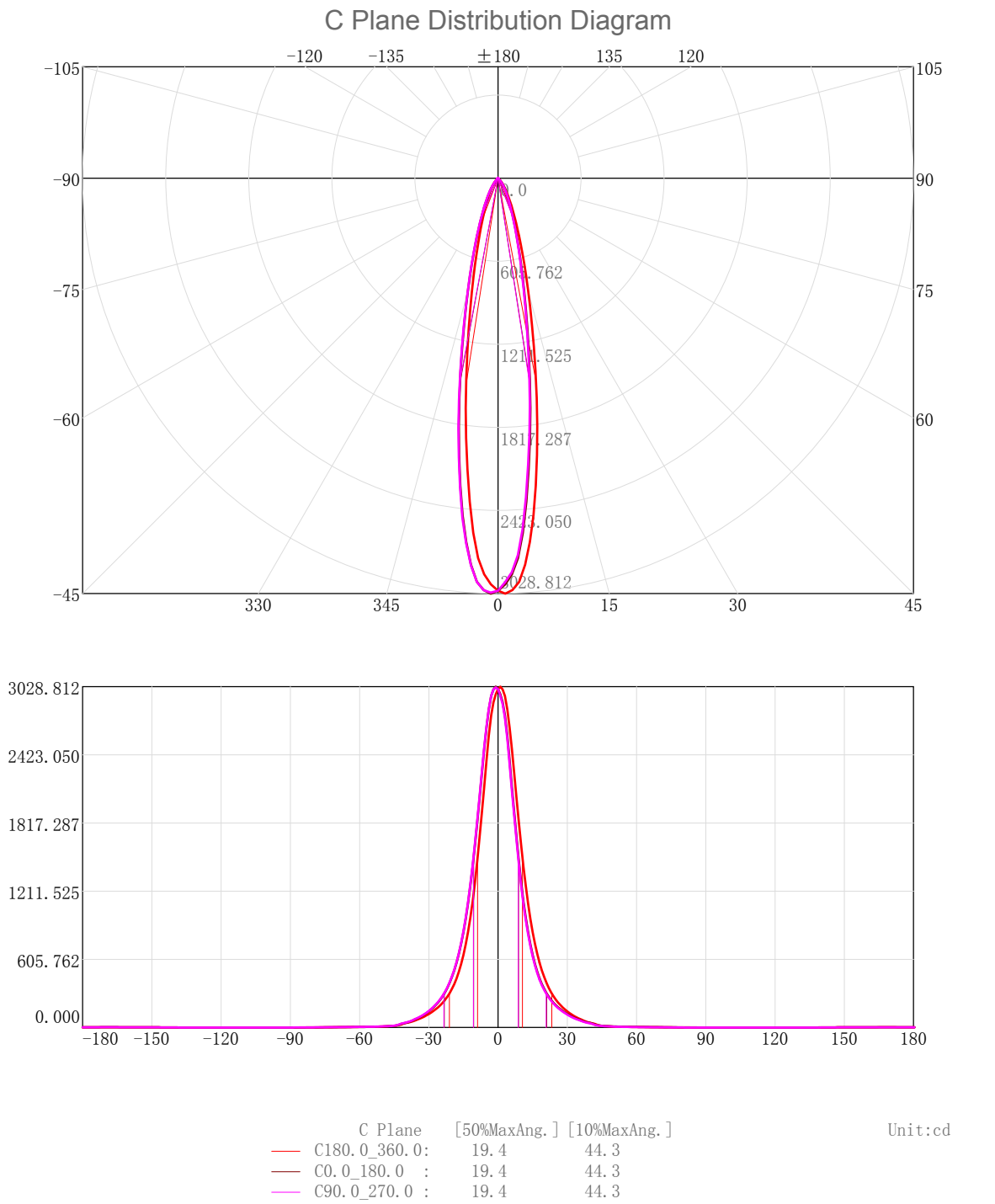
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 601.500	Luminary Flux(lm): 601.496	Field Angle(10%Imax): 44.3(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 598.111lm 99.44%	
Rated Voltage(V):	Luminary EER(lm/W): 76.731	Up Lumens&Percent: 3.385lm 0.56%	
Tested Power(W): 7.839	Max. Candela(cd): 3028.812	S/MH: C0_a180=0.333 C90_270=0.332	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.2, 0.035, 0.910	Beam Angle(50%Imax): 19.4(°)	ErP ϕ use(90°): 578.387lm	
Lamp Size (W*L*H):0.050m*0.000m*0.000m	Left=-8.9°, Right=10.6°	IRF(%): 1125.913	



2D Plane Light Intensity Distribution Curve

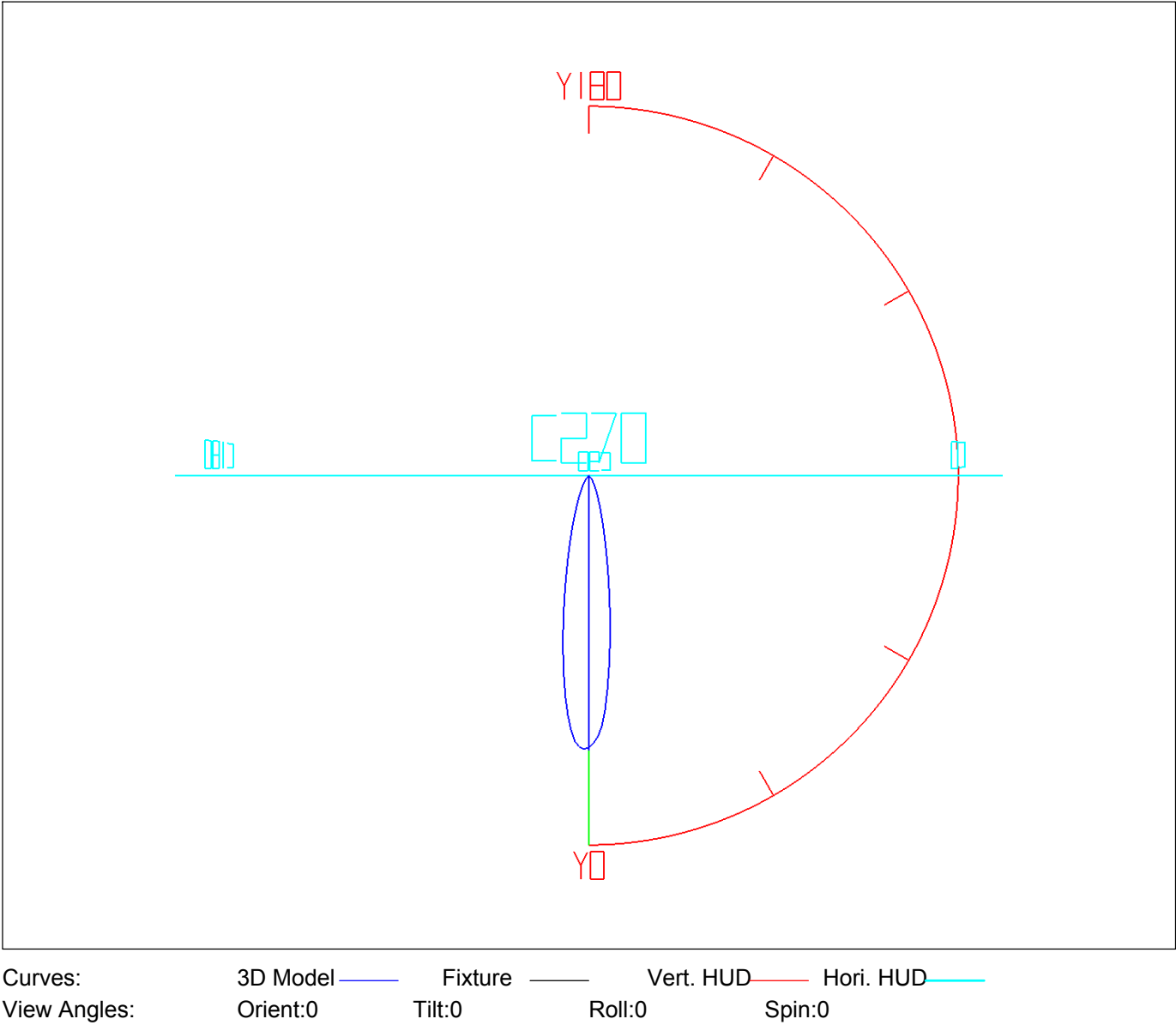
Lum. Name:SD02-08-XX-01 3000K RA90 15D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date:2021/04/29



3D Light Intensity Distribution Modal

Lum. Name:SD02-08-XX-01 3000K RA90 15D	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:2021/04/29

3D Light Intensity Distribution Modal



Zonal Flux Tabulation

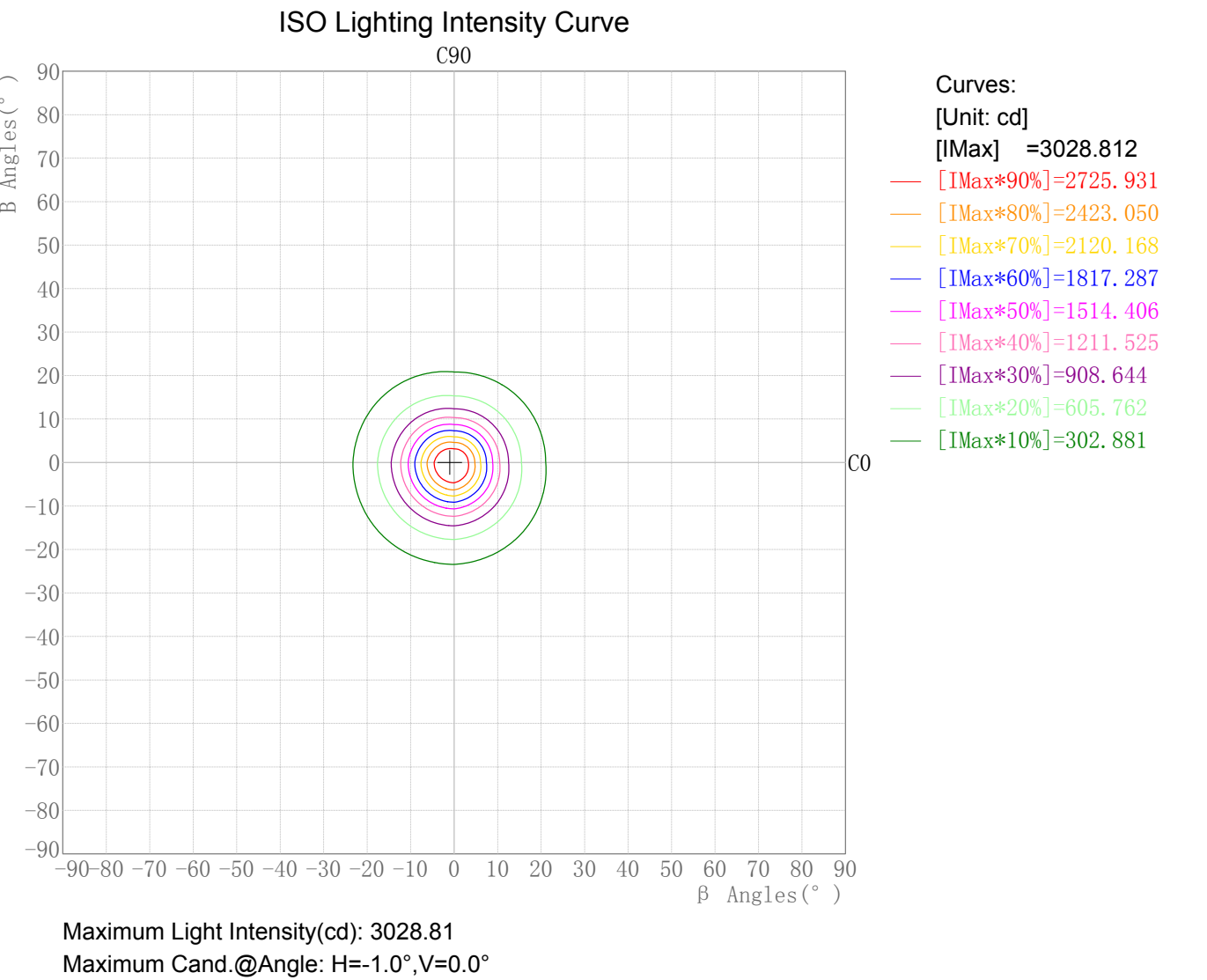
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	2.87	2.87	0.48	0.48	47.0-48.0	0.97	583.35	0.16	96.98
1.0-2.0	8.51	11.38	1.42	1.89	48.0-49.0	0.90	584.25	0.15	97.13
2.0-3.0	13.87	25.25	2.31	4.20	49.0-50.0	0.82	585.07	0.14	97.27
3.0-4.0	18.60	43.85	3.09	7.29	50.0-51.0	0.75	585.83	0.13	97.39
4.0-5.0	22.42	66.27	3.73	11.02	51.0-52.0	0.70	586.53	0.12	97.51
5.0-6.0	25.26	91.54	4.20	15.22	52.0-53.0	0.66	587.19	0.11	97.62
6.0-7.0	27.18	118.71	4.52	19.74	53.0-54.0	0.63	587.83	0.11	97.73
7.0-8.0	28.22	146.94	4.69	24.43	54.0-55.0	0.61	588.44	0.10	97.83
8.0-9.0	28.50	175.43	4.74	29.17	55.0-56.0	0.59	589.03	0.10	97.93
9.0-10.0	28.14	203.58	4.68	33.84	56.0-57.0	0.57	589.59	0.09	98.02
10.0-11.0	27.30	230.88	4.54	38.38	57.0-58.0	0.55	590.14	0.09	98.11
11.0-12.0	26.12	257.00	4.34	42.73	58.0-59.0	0.52	590.66	0.09	98.20
12.0-13.0	24.76	281.76	4.12	46.84	59.0-60.0	0.50	591.17	0.08	98.28
13.0-14.0	23.33	305.09	3.88	50.72	60.0-61.0	0.48	591.65	0.08	98.36
14.0-15.0	21.90	326.99	3.64	54.36	61.0-62.0	0.47	592.12	0.08	98.44
15.0-16.0	20.47	347.46	3.40	57.77	62.0-63.0	0.45	592.57	0.07	98.51
16.0-17.0	19.10	366.56	3.18	60.94	63.0-64.0	0.43	593.00	0.07	98.59
17.0-18.0	17.78	384.35	2.96	63.90	64.0-65.0	0.41	593.41	0.07	98.65
18.0-19.0	16.53	400.88	2.75	66.65	65.0-66.0	0.39	593.80	0.07	98.72
19.0-20.0	15.36	416.24	2.55	69.20	66.0-67.0	0.38	594.18	0.06	98.78
20.0-21.0	14.27	430.52	2.37	71.57	67.0-68.0	0.36	594.54	0.06	98.84
21.0-22.0	13.27	443.79	2.21	73.78	68.0-69.0	0.34	594.89	0.06	98.90
22.0-23.0	12.36	456.15	2.06	75.84	69.0-70.0	0.33	595.21	0.05	98.95
23.0-24.0	11.53	467.68	1.92	77.75	70.0-71.0	0.31	595.52	0.05	99.01
24.0-25.0	10.76	478.44	1.79	79.54	71.0-72.0	0.29	595.81	0.05	99.05
25.0-26.0	10.03	488.47	1.67	81.21	72.0-73.0	0.27	596.08	0.04	99.10
26.0-27.0	9.35	497.82	1.55	82.76	73.0-74.0	0.25	596.33	0.04	99.14
27.0-28.0	8.70	506.52	1.45	84.21	74.0-75.0	0.23	596.56	0.04	99.18
28.0-29.0	8.08	514.60	1.34	85.55	75.0-76.0	0.21	596.77	0.04	99.21
29.0-30.0	7.50	522.10	1.25	86.80	76.0-77.0	0.19	596.96	0.03	99.25
30.0-31.0	6.95	529.05	1.15	87.95	77.0-78.0	0.18	597.14	0.03	99.27
31.0-32.0	6.41	535.46	1.07	89.02	78.0-79.0	0.16	597.30	0.03	99.30
32.0-33.0	5.90	541.36	0.98	90.00	79.0-80.0	0.14	597.44	0.02	99.32
33.0-34.0	5.42	546.78	0.90	90.90	80.0-81.0	0.13	597.57	0.02	99.35
34.0-35.0	4.97	551.74	0.83	91.73	81.0-82.0	0.11	597.68	0.02	99.36
35.0-36.0	4.53	556.28	0.75	92.48	82.0-83.0	0.10	597.78	0.02	99.38
36.0-37.0	4.09	560.37	0.68	93.16	83.0-84.0	0.08	597.86	0.01	99.39
37.0-38.0	3.67	564.03	0.61	93.77	84.0-85.0	0.07	597.93	0.01	99.41
38.0-39.0	3.32	567.35	0.55	94.32	85.0-86.0	0.06	597.99	0.01	99.42
39.0-40.0	3.02	570.37	0.50	94.82	86.0-87.0	0.04	598.03	0.01	99.42
40.0-41.0	2.74	573.10	0.45	95.28	87.0-88.0	0.04	598.07	0.01	99.43
41.0-42.0	2.37	575.48	0.39	95.67	88.0-89.0	0.03	598.09	0.00	99.43
42.0-43.0	1.92	577.40	0.32	95.99	89.0-90.0	0.02	598.11	0.00	99.44
43.0-44.0	1.53	578.92	0.25	96.25	90.0-91.0	0.01	598.13	0.00	99.44
44.0-45.0	1.28	580.21	0.21	96.46	91.0-92.0	0.01	598.14	0.00	99.44
45.0-46.0	1.14	581.34	0.19	96.65	92.0-93.0	0.01	598.14	0.00	99.44
46.0-47.0	1.04	582.38	0.17	96.82	93.0-94.0	0.00	598.15	0.00	99.44

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	0.00	598.15	0.00	99.44	141.0-142.0	0.07	598.44	0.01	99.49
95.0-96.0	0.00	598.15	0.00	99.44	142.0-143.0	0.08	598.52	0.01	99.50
96.0-97.0	0.00	598.15	0.00	99.44	143.0-144.0	0.08	598.60	0.01	99.52
97.0-98.0	0.00	598.15	0.00	99.44	144.0-145.0	0.09	598.69	0.02	99.53
98.0-99.0	0.00	598.15	0.00	99.44	145.0-146.0	0.10	598.79	0.02	99.55
99.0-100.0	0.00	598.15	0.00	99.44	146.0-147.0	0.10	598.90	0.02	99.57
100.0-101.0	0.00	598.15	0.00	99.44	147.0-148.0	0.11	599.00	0.02	99.59
101.0-102.0	0.00	598.15	0.00	99.44	148.0-149.0	0.11	599.12	0.02	99.60
102.0-103.0	0.00	598.15	0.00	99.44	149.0-150.0	0.12	599.23	0.02	99.62
103.0-104.0	0.00	598.15	0.00	99.44	150.0-151.0	0.12	599.35	0.02	99.64
104.0-105.0	0.00	598.15	0.00	99.44	151.0-152.0	0.12	599.47	0.02	99.66
105.0-106.0	0.00	598.15	0.00	99.44	152.0-153.0	0.12	599.59	0.02	99.68
106.0-107.0	0.00	598.15	0.00	99.44	153.0-154.0	0.12	599.71	0.02	99.70
107.0-108.0	0.00	598.15	0.00	99.44	154.0-155.0	0.12	599.83	0.02	99.72
108.0-109.0	0.00	598.15	0.00	99.44	155.0-156.0	0.12	599.95	0.02	99.74
109.0-110.0	0.00	598.15	0.00	99.44	156.0-157.0	0.12	600.06	0.02	99.76
110.0-111.0	0.00	598.15	0.00	99.44	157.0-158.0	0.11	600.18	0.02	99.78
111.0-112.0	0.00	598.15	0.00	99.44	158.0-159.0	0.11	600.29	0.02	99.80
112.0-113.0	0.00	598.15	0.00	99.44	159.0-160.0	0.11	600.39	0.02	99.82
113.0-114.0	0.00	598.15	0.00	99.44	160.0-161.0	0.10	600.50	0.02	99.83
114.0-115.0	0.00	598.15	0.00	99.44	161.0-162.0	0.10	600.60	0.02	99.85
115.0-116.0	0.00	598.15	0.00	99.44	162.0-163.0	0.10	600.69	0.02	99.87
116.0-117.0	0.00	598.15	0.00	99.44	163.0-164.0	0.09	600.78	0.02	99.88
117.0-118.0	0.00	598.15	0.00	99.44	164.0-165.0	0.09	600.87	0.01	99.90
118.0-119.0	0.00	598.15	0.00	99.44	165.0-166.0	0.08	600.95	0.01	99.91
119.0-120.0	0.00	598.15	0.00	99.44	166.0-167.0	0.08	601.03	0.01	99.92
120.0-121.0	0.00	598.15	0.00	99.44	167.0-168.0	0.07	601.10	0.01	99.93
121.0-122.0	0.00	598.15	0.00	99.44	168.0-169.0	0.06	601.16	0.01	99.94
122.0-123.0	0.00	598.15	0.00	99.44	169.0-170.0	0.06	601.22	0.01	99.95
123.0-124.0	0.00	598.15	0.00	99.44	170.0-171.0	0.05	601.27	0.01	99.96
124.0-125.0	0.00	598.15	0.00	99.44	171.0-172.0	0.05	601.32	0.01	99.97
125.0-126.0	0.00	598.15	0.00	99.44	172.0-173.0	0.04	601.36	0.01	99.98
126.0-127.0	0.00	598.15	0.00	99.44	173.0-174.0	0.04	601.40	0.01	99.98
127.0-128.0	0.00	598.15	0.00	99.44	174.0-175.0	0.03	601.43	0.00	99.99
128.0-129.0	0.00	598.15	0.00	99.44	175.0-176.0	0.02	601.45	0.00	99.99
129.0-130.0	0.00	598.15	0.00	99.44	176.0-177.0	0.02	601.47	0.00	100.00
130.0-131.0	0.00	598.15	0.00	99.44	177.0-178.0	0.01	601.49	0.00	100.00
131.0-132.0	0.00	598.15	0.00	99.44	178.0-179.0	0.01	601.49	0.00	100.00
132.0-133.0	0.00	598.15	0.00	99.44	179.0-180.0	0.00	601.50	0.00	100.00
133.0-134.0	0.00	598.15	0.00	99.44					
134.0-135.0	0.01	598.16	0.00	99.44					
135.0-136.0	0.01	598.17	0.00	99.45					
136.0-137.0	0.02	598.19	0.00	99.45					
137.0-138.0	0.03	598.23	0.01	99.46					
138.0-139.0	0.04	598.27	0.01	99.46					
139.0-140.0	0.05	598.32	0.01	99.47					
140.0-141.0	0.06	598.38	0.01	99.48					

Rectangle ISO Lighting Intensity Diagram

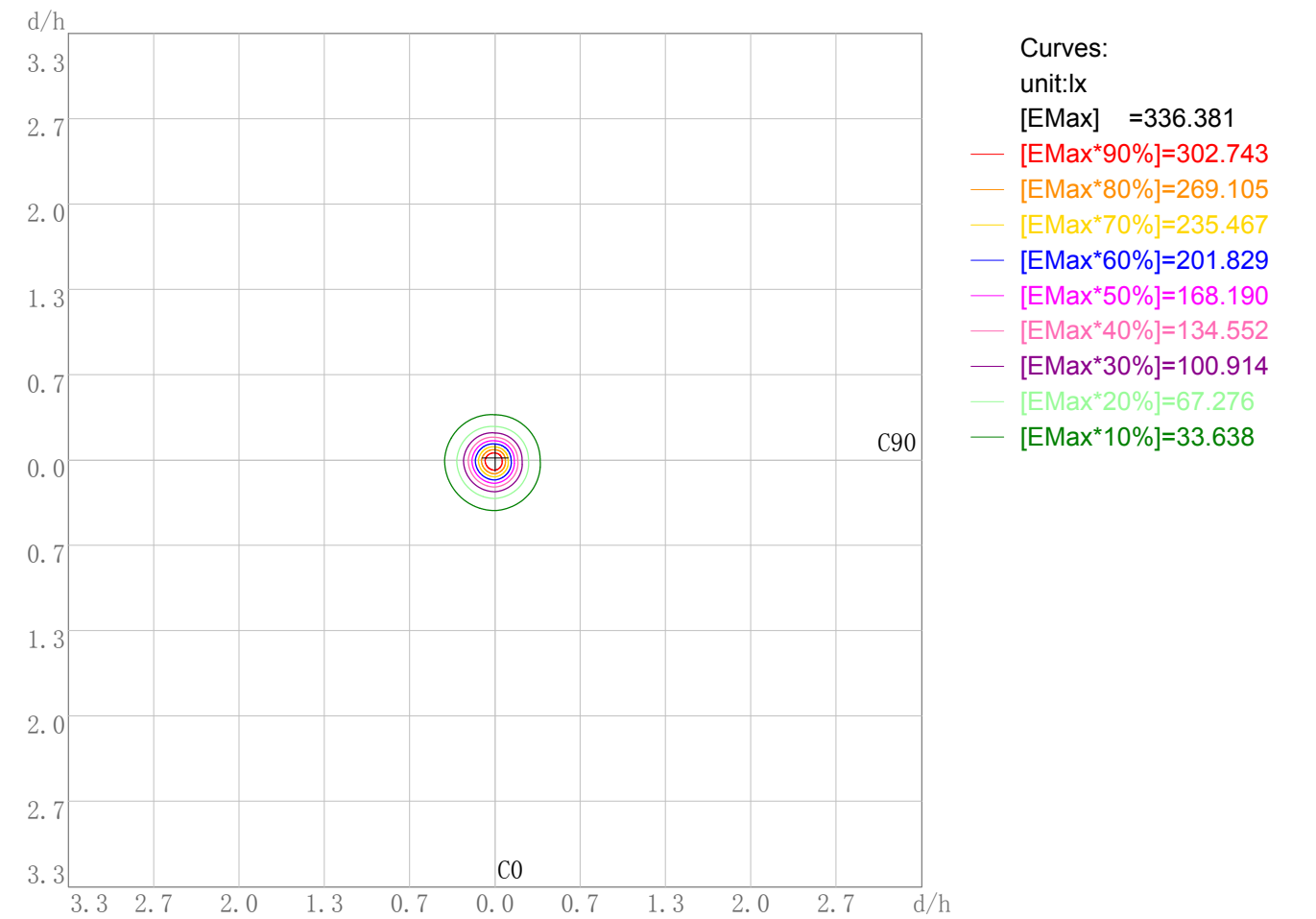
Lum. Name:SD02-08-XX-01 3000K RA90 15D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/04/29



Plane ISO-Illuminance Diagram

Lum. Name:SD02-08-XX-01 3000K RA90 15D	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: 2021/04/29

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 336.38

Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

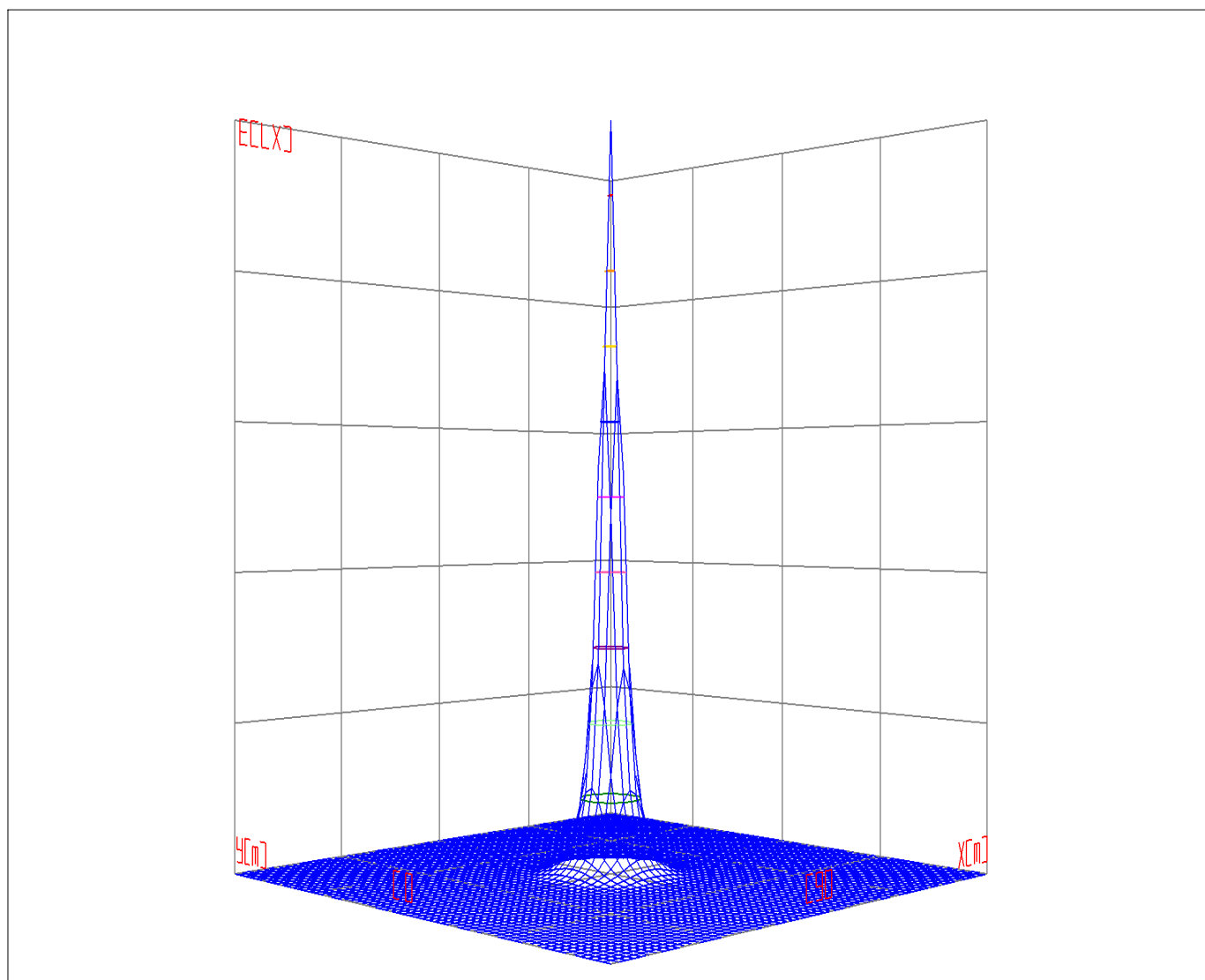
IES Indoor Report

Photometric Filename:SD02-08-XX-01 3000K RA90 15D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: SD02-08-XX-01 3000K RA90 15D	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: 2021/04/29

3D Plane Illuminance Modal

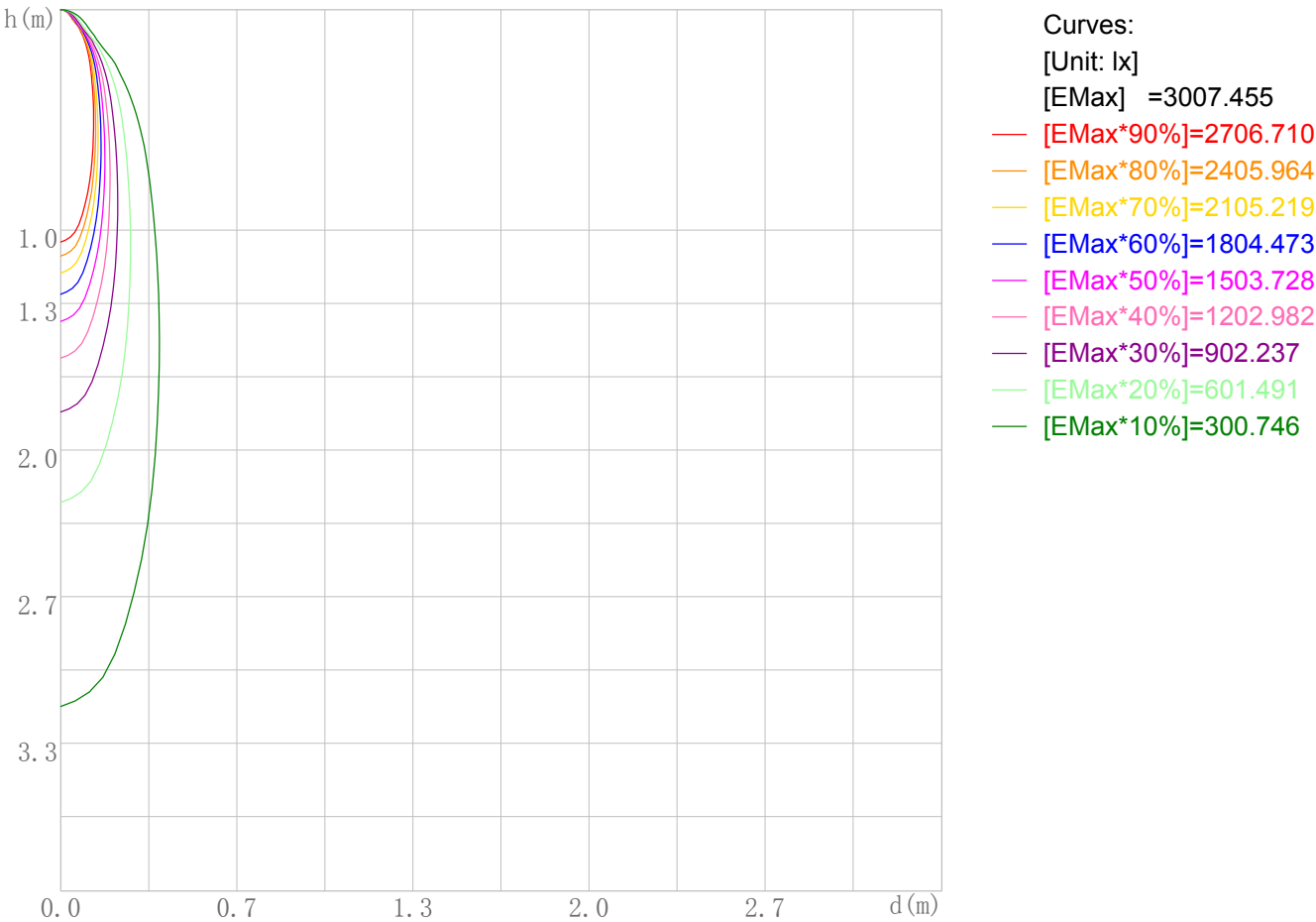


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: SD02-08-XX-01 3000K RA90 15D	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: 2021/04/29

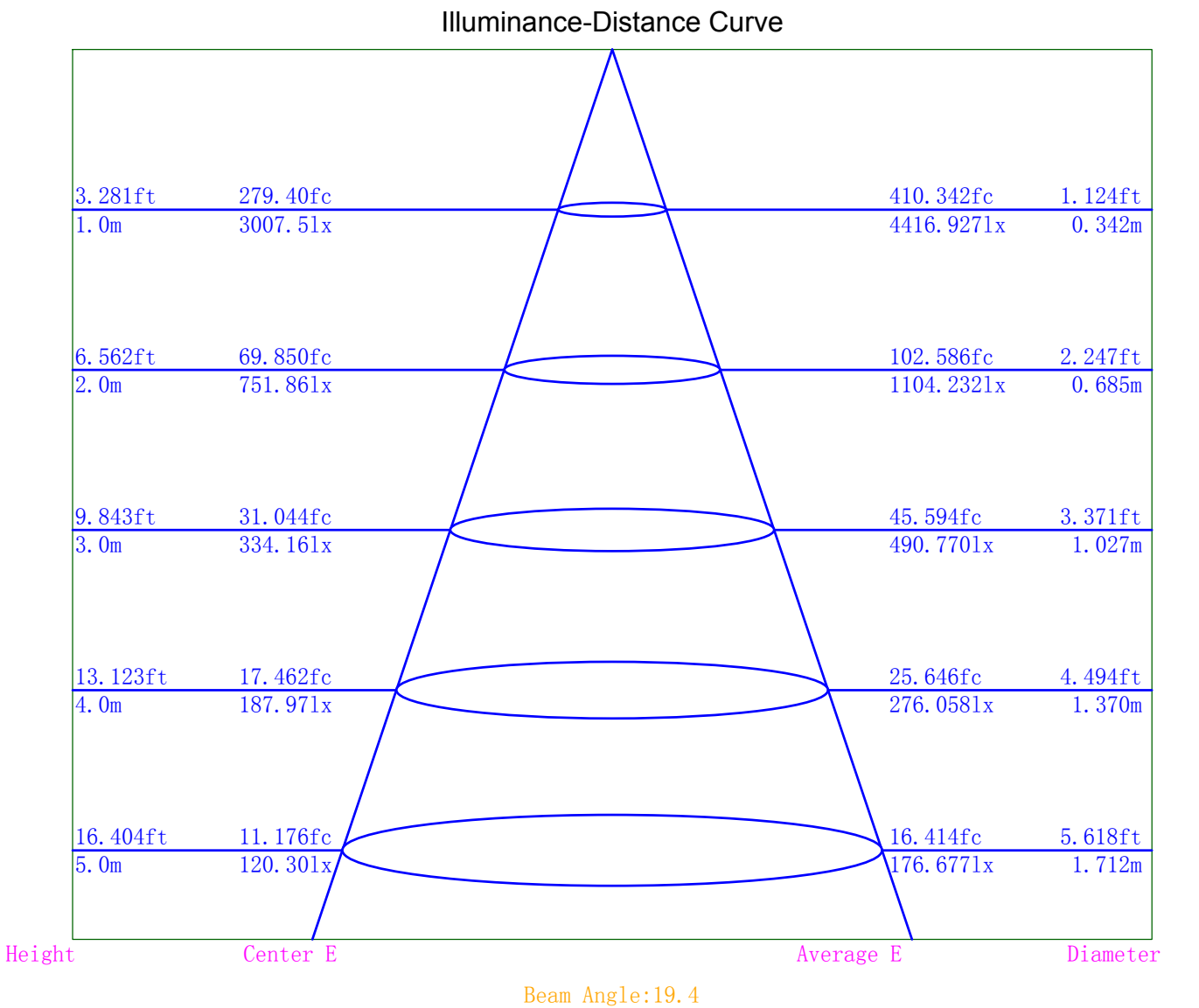
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:3007.46lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:3007.455cd,0deg

Illuminance-Distance Diagram

Lum. Name:SD02-08-XX-01 3000K RA90 15D	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:2021/04/29



Indoor Luminance Limiting Curves

Lum. Name: SD02-08-XX-01 3000K RA90 15D	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: 2021/04/29

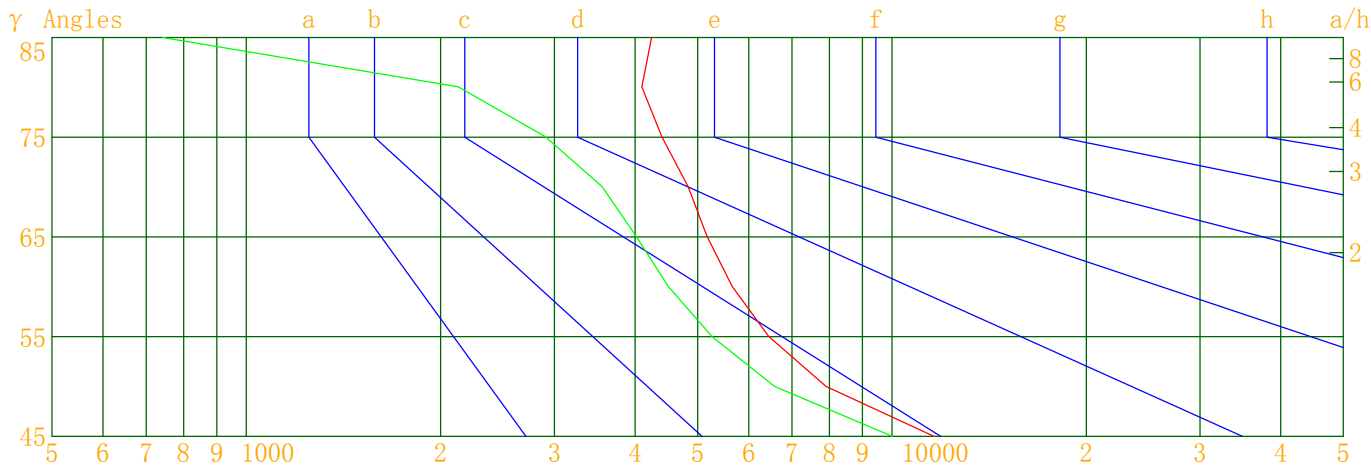
Glare Grade Table

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	11616	7906	6445	5656	5172	4834	4402	4097	4242
C90	10013	6577	5261	4505	4019	3557	2906	2129	742

Luminance Limiting Curve



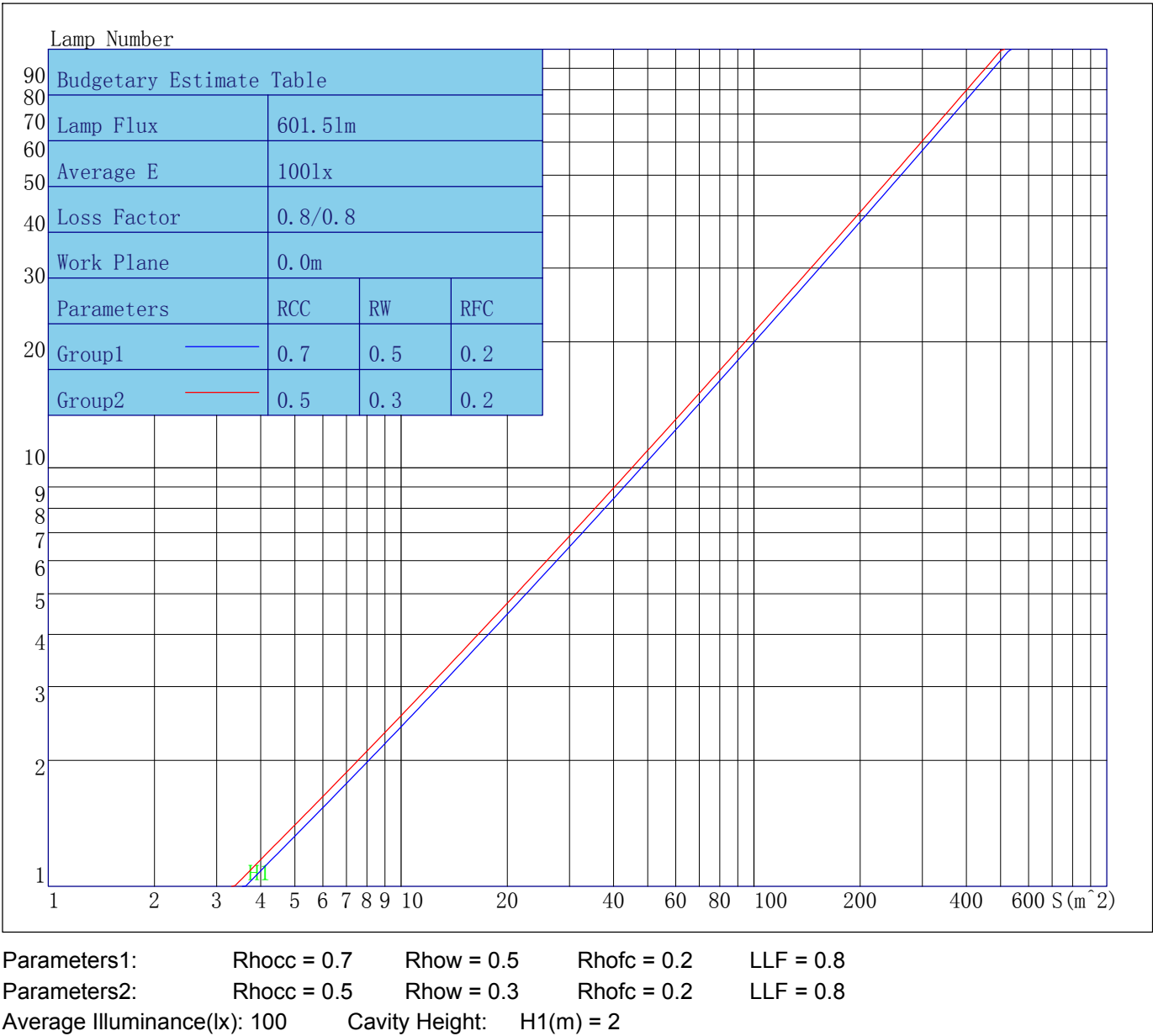
Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963

Luminous Type: Without Luminous Side

Luminous Curves: C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table

Lum. Name:SD02-08-XX-01 3000K RA90 15D	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: 2021/04/29



Indoor Coefficient of Utilization Table

Lum. Name: SD02-08-XX-01 3000K RA90 15D	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: 2021/04/29

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	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	95	94	93	91
3	106	101	97	94	104	100	96	93	97	94	91	95	92	90	92	90	89	87
4	102	96	92	89	101	95	91	88	93	90	87	91	88	86	89	87	85	84
5	99	92	88	84	97	91	87	84	90	86	83	88	85	83	87	84	82	81
6	96	89	84	81	94	88	84	80	87	83	80	85	82	79	84	81	79	78
7	93	85	81	78	91	85	80	77	84	80	77	82	79	77	81	78	76	75
8	90	82	78	75	89	82	78	75	81	77	74	80	77	74	79	76	74	73
9	87	80	75	72	86	79	75	72	78	75	72	78	74	72	77	74	71	70
10	85	77	73	70	84	77	73	70	76	72	70	75	72	69	75	72	69	68

Unified Glare Rating Table

Lum. Name:SD02-08-XX-01 3000K RA90 15D	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:2021/04/29

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	14.6	15.6	15.0	15.9	16.2	14.1	15.0	14.5	15.3	15.7
	14.8	15.7	15.2	16.0	16.4	14.2	15.0	14.6	15.4	15.7
	15.0	15.7	15.4	16.1	16.5	14.2	15.0	14.6	15.3	15.8
	15.0	15.7	15.5	16.1	16.5	14.2	14.9	14.6	15.3	15.7
	15.1	15.7	15.5	16.1	16.6	14.2	14.8	14.6	15.2	15.6
	15.1	15.7	15.5	16.1	16.5	14.1	14.7	14.5	15.1	15.6
X=4H Y=2H	14.5	15.3	14.9	15.7	16.1	14.0	14.7	14.4	15.1	15.5
	14.9	15.5	15.3	15.9	16.4	14.2	14.8	14.6	15.2	15.7
	15.1	15.7	15.5	16.1	16.5	14.3	14.8	14.7	15.3	15.7
	15.3	15.8	15.8	16.2	16.7	14.3	14.8	14.8	15.2	15.7
	15.3	15.8	15.8	16.2	16.7	14.3	14.7	14.8	15.2	15.7
	15.4	15.8	15.9	16.3	16.8	14.2	14.6	14.7	15.1	15.6
X=8H Y=4H	15.1	15.5	15.6	16.0	16.5	14.2	14.7	14.7	15.1	15.6
	15.3	15.7	15.9	16.2	16.7	14.3	14.7	14.8	15.2	15.7
	15.4	15.8	16.0	16.3	16.8	14.3	14.6	14.8	15.1	15.7
	15.6	15.8	16.1	16.3	16.9	14.3	14.5	14.8	15.0	15.6
X=12H Y=4H	15.0	15.4	15.5	15.9	16.4	14.2	14.6	14.7	15.1	15.6
	15.3	15.6	15.9	16.1	16.7	14.3	14.6	14.8	15.1	15.6
	15.5	15.7	16.0	16.2	16.8	14.3	14.6	14.8	15.1	15.7
Variations with the objerver position at spacings										
S=1.0H	0.4/-0.4					0.7/-0.8				
S=1.5H	0.8/-0.9					1.2/-1.4				
S=2.0H	1.0/-1.2					1.5/-2.0				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.1					0.7				

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	C270.0
γ 0.0	3007.46	3007.46	3007.46	3007.46
γ 1.0	2961.02	2946.06	3028.81	3021.65
γ 2.0	2889.47	2874.10	3004.08	3005.00
γ 3.0	2772.96	2751.65	2946.78	2947.42
γ 4.0	2591.17	2564.76	2824.14	2830.63
γ 5.0	2367.66	2334.15	2662.89	2671.64
γ 6.0	2133.98	2099.72	2471.66	2487.91
γ 7.0	1909.38	1880.46	2257.65	2272.95
γ 8.0	1692.20	1665.66	2038.87	2055.34
γ 9.0	1483.60	1456.70	1827.87	1844.62
γ 10.0	1292.34	1266.43	1626.04	1641.81
γ 11.0	1121.35	1098.98	1433.66	1448.69
γ 12.0	973.55	953.15	1257.97	1270.82
γ 13.0	847.15	829.94	1100.81	1111.72
γ 14.0	738.64	723.64	964.92	975.32
γ 15.0	644.57	630.37	846.68	855.42
γ 16.0	564.02	551.85	744.41	751.33
γ 17.0	495.46	484.22	654.42	661.25
γ 18.0	435.89	425.44	576.04	581.50
γ 19.0	385.56	375.74	507.32	513.32
γ 20.0	342.03	333.19	447.58	452.97
γ 21.0	304.62	296.34	395.85	400.99
γ 22.0	272.78	264.93	350.93	355.76
γ 23.0	244.88	237.64	312.37	317.18
γ 24.0	220.69	213.98	278.87	283.73
γ 25.0	199.06	192.91	249.35	253.78
γ 26.0	180.08	174.07	223.19	227.47
γ 27.0	162.90	156.99	199.83	204.04
γ 28.0	147.17	141.86	178.80	182.86
γ 29.0	132.93	127.73	160.30	164.12
γ 30.0	120.23	114.99	143.46	147.30
γ 31.0	108.39	103.49	128.43	132.03
γ 32.0	97.34	92.72	114.61	118.26
γ 33.0	87.56	83.09	102.07	105.61
γ 34.0	78.56	74.35	90.82	94.24
γ 35.0	70.59	66.44	80.68	83.92
γ 36.0	62.54	58.62	71.69	74.88
γ 37.0	55.29	51.61	61.90	64.97
γ 38.0	49.51	45.99	53.62	56.55
γ 39.0	44.58	41.17	47.17	49.98
γ 40.0	40.16	36.96	41.90	44.54
γ 41.0	34.85	31.72	37.28	39.83
γ 42.0	26.83	23.92	32.08	34.54
γ 43.0	21.36	18.77	23.77	26.02
γ 44.0	18.20	15.81	17.91	20.05
γ 45.0	16.13	13.90	14.79	16.81
γ 46.0	14.62	12.51	12.86	14.79

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	13.42	11.46	11.58	13.38
γ 48.0	12.37	10.51	10.62	12.33
γ 49.0	11.07	9.34	9.80	11.44
γ 50.0	9.98	8.30	8.75	10.32
γ 51.0	9.20	7.62	7.77	9.27
γ 52.0	8.60	7.09	7.16	8.59
γ 53.0	8.08	6.64	6.74	8.10
γ 54.0	7.66	6.27	6.41	7.72
γ 55.0	7.26	5.93	6.14	7.39
γ 56.0	6.90	5.61	5.88	7.08
γ 57.0	6.52	5.27	5.63	6.79
γ 58.0	6.17	4.97	5.37	6.49
γ 59.0	5.84	4.68	5.13	6.20
γ 60.0	5.55	4.42	4.91	5.95
γ 61.0	5.28	4.19	4.67	5.67
γ 62.0	5.02	3.96	4.46	5.43
γ 63.0	4.77	3.73	4.26	5.21
γ 64.0	4.53	3.53	4.06	4.98
γ 65.0	4.29	3.34	3.86	4.77
γ 66.0	4.06	3.13	3.66	4.54
γ 67.0	3.86	2.95	3.49	4.34
γ 68.0	3.65	2.77	3.31	4.13
γ 69.0	3.45	2.58	3.13	3.93
γ 70.0	3.25	2.39	2.94	3.71
γ 71.0	3.05	2.21	2.76	3.51
γ 72.0	2.82	2.00	2.54	3.30
γ 73.0	2.62	1.82	2.34	3.08
γ 74.0	2.42	1.64	2.14	2.87
γ 75.0	2.24	1.48	1.97	2.66
γ 76.0	2.05	1.30	1.77	2.47
γ 77.0	1.88	1.15	1.60	2.27
γ 78.0	1.71	1.01	1.43	2.10
γ 79.0	1.55	0.88	1.28	1.92
γ 80.0	1.40	0.73	1.14	1.75
γ 81.0	1.25	0.60	0.98	1.59
γ 82.0	1.11	0.47	0.85	1.43
γ 83.0	0.98	0.35	0.71	1.29
γ 84.0	0.85	0.24	0.57	1.14
γ 85.0	0.73	0.13	0.44	1.02
γ 86.0	0.61	0.01	0.32	0.88
γ 87.0	0.49	0.00	0.22	0.75
γ 88.0	0.38	0.00	0.11	0.61
γ 89.0	0.29	0.00	0.00	0.49
γ 90.0	0.22	0.00	0.00	0.38
γ 91.0	0.17	0.00	0.00	0.29
γ 92.0	0.12	0.00	0.00	0.22
γ 93.0	0.07	0.00	0.00	0.14

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.02	0.00	0.00	0.07
γ 95.0	0.00	0.00	0.00	0.01
γ 96.0	0.00	0.00	0.00	0.00
γ 97.0	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.00	0.00
γ 133.0	0.00	0.00	0.00	0.01
γ 134.0	0.07	0.00	0.01	0.09
γ 135.0	0.18	0.03	0.12	0.20
γ 136.0	0.28	0.15	0.22	0.30
γ 137.0	0.41	0.28	0.33	0.40
γ 138.0	0.54	0.42	0.47	0.52
γ 139.0	0.68	0.56	0.61	0.66
γ 140.0	0.81	0.70	0.75	0.81

Photometric Filename:SD02-08-XX-01 3000K RA90 15D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.96	0.85	0.91	0.96
γ 142.0	1.11	0.99	1.06	1.10
γ 143.0	1.26	1.15	1.22	1.25
γ 144.0	1.40	1.30	1.36	1.39
γ 145.0	1.54	1.44	1.51	1.53
γ 146.0	1.68	1.58	1.66	1.67
γ 147.0	1.82	1.71	1.80	1.80
γ 148.0	1.93	1.84	1.92	1.94
γ 149.0	2.05	1.96	2.04	2.06
γ 150.0	2.16	2.06	2.15	2.16
γ 151.0	2.26	2.16	2.25	2.26
γ 152.0	2.35	2.25	2.35	2.36
γ 153.0	2.42	2.34	2.44	2.45
γ 154.0	2.50	2.40	2.52	2.53
γ 155.0	2.57	2.47	2.59	2.61
γ 156.0	2.62	2.53	2.66	2.67
γ 157.0	2.68	2.57	2.73	2.73
γ 158.0	2.73	2.63	2.77	2.80
γ 159.0	2.77	2.67	2.83	2.83
γ 160.0	2.80	2.70	2.87	2.87
γ 161.0	2.85	2.73	2.91	2.92
γ 162.0	2.86	2.76	2.94	2.95
γ 163.0	2.89	2.78	2.96	2.97
γ 164.0	2.91	2.81	2.99	2.99
γ 165.0	2.92	2.82	3.01	3.02
γ 166.0	2.94	2.83	3.03	3.03
γ 167.0	2.94	2.84	3.03	3.04
γ 168.0	2.95	2.84	3.04	3.04
γ 169.0	2.93	2.84	3.05	3.03
γ 170.0	2.93	2.83	3.03	3.03
γ 171.0	2.91	2.82	3.02	3.02
γ 172.0	2.90	2.80	3.00	2.99
γ 173.0	2.87	2.77	2.98	2.97
γ 174.0	2.85	2.75	2.95	2.94
γ 175.0	2.83	2.72	2.92	2.91
γ 176.0	2.81	2.71	2.89	2.87
γ 177.0	2.81	2.71	2.86	2.84
γ 178.0	2.79	2.71	2.84	2.83
γ 179.0	2.80	2.71	2.83	2.81
γ 180.0	2.79	2.79	2.79	2.79