

IES Indoor Report

Photometric Filename:SD02-09-XX-01 3000K RA80 36D.IES

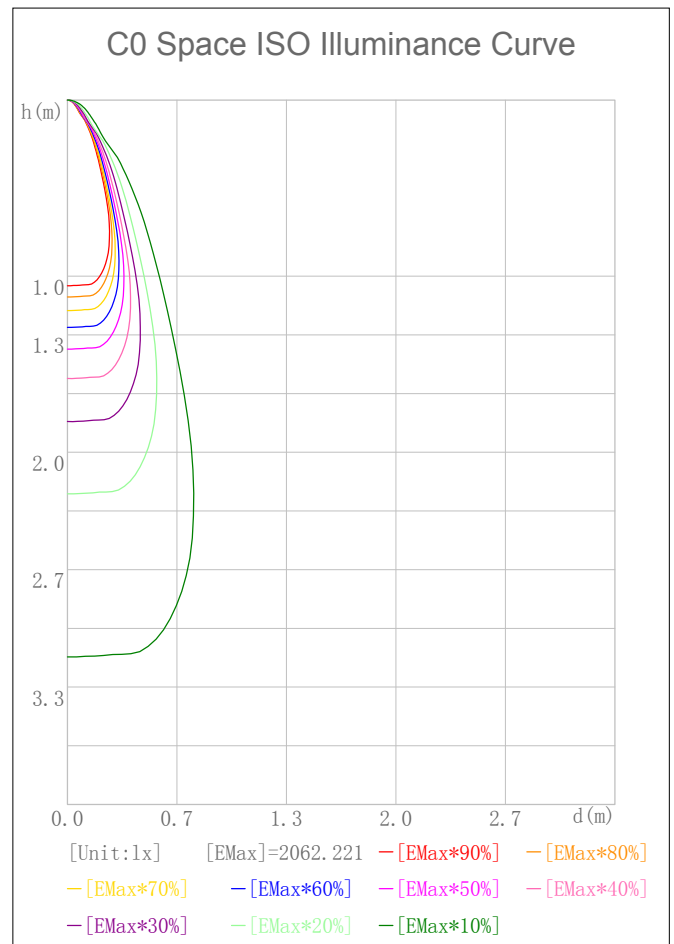
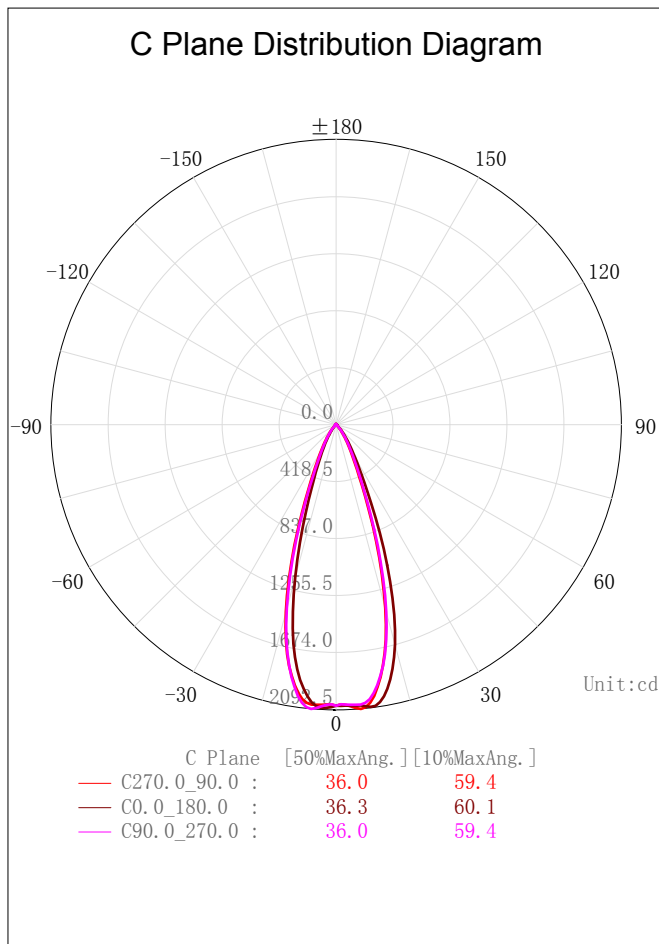
Indoor Luminaire Photometric Data

Description Information

Luminary Name:SD02-09-XX-01 3000K RA80 36D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2021/03/24
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): 882.380	Luminary Flux(lm): 882.376	Field Angle(10%Imax): 59.4(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 877.042lm 99.40%	
Rated Voltage(V):	Luminary EER(lm/W): 97.414	Up Lumens&Percent: 5.335lm 0.60%	
Tested Power(W): 9.058	Max. Candela(cd): 2092.486	S/MH: C0_a180=0.613 C90_270=0.608	
Lamps' Inside: 1	Max Cand@Ang.(°): C=270.0 γ=5.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):240.3, 0.040, 0.930	Beam Angle(50%Imax): 36.0(°)	ErP φ use(90°): 825.153lm	
Lamp Size(W*L*H):0.050m*0.000m*0.000m	Left=-18.1°, Right=17.9°	IRF(%): 454.397	



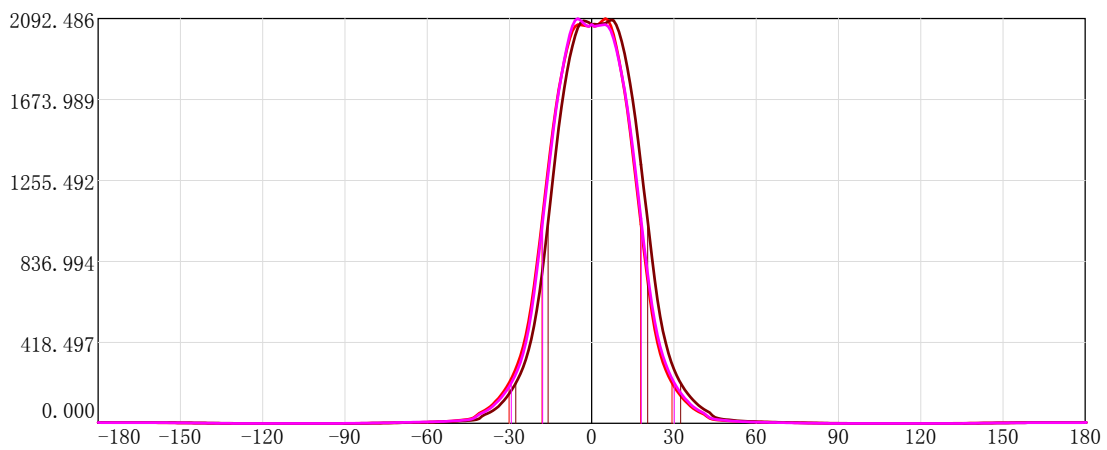
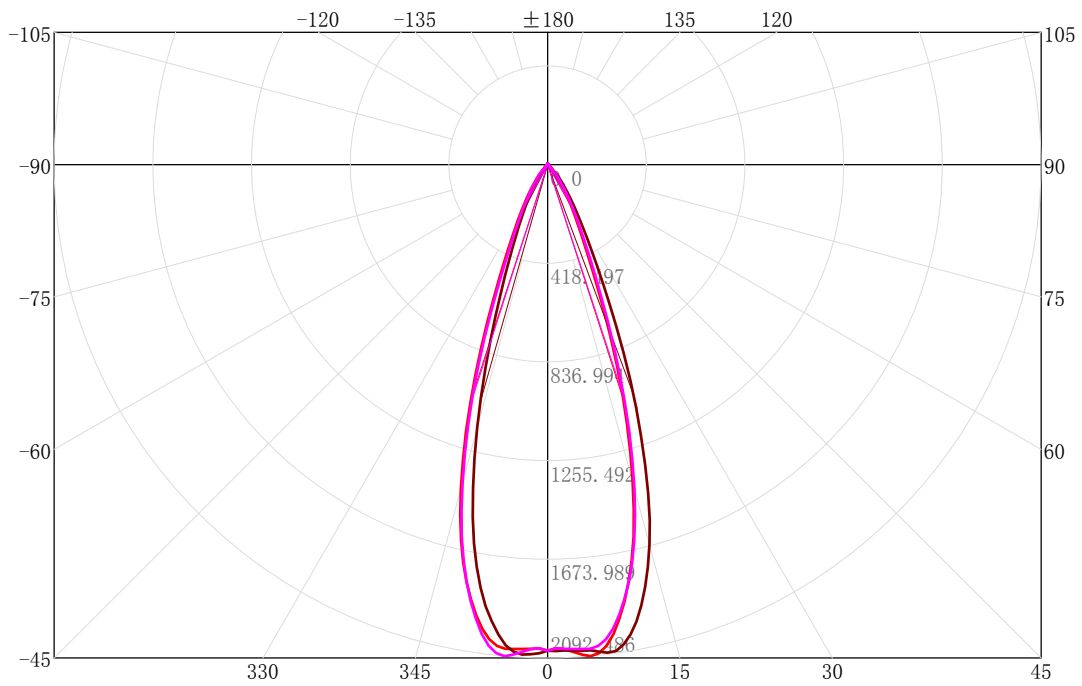
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2D Plane Light Intensity Distribution Curve

Lum. Name: SD02-09-XX-01 3000K RA80 36D	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: 2021/03/24

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
C270.0_90.0	36.0	59.4
C0.0_180.0	36.3	60.1
C90.0_270.0	36.0	59.4

Unit:cd

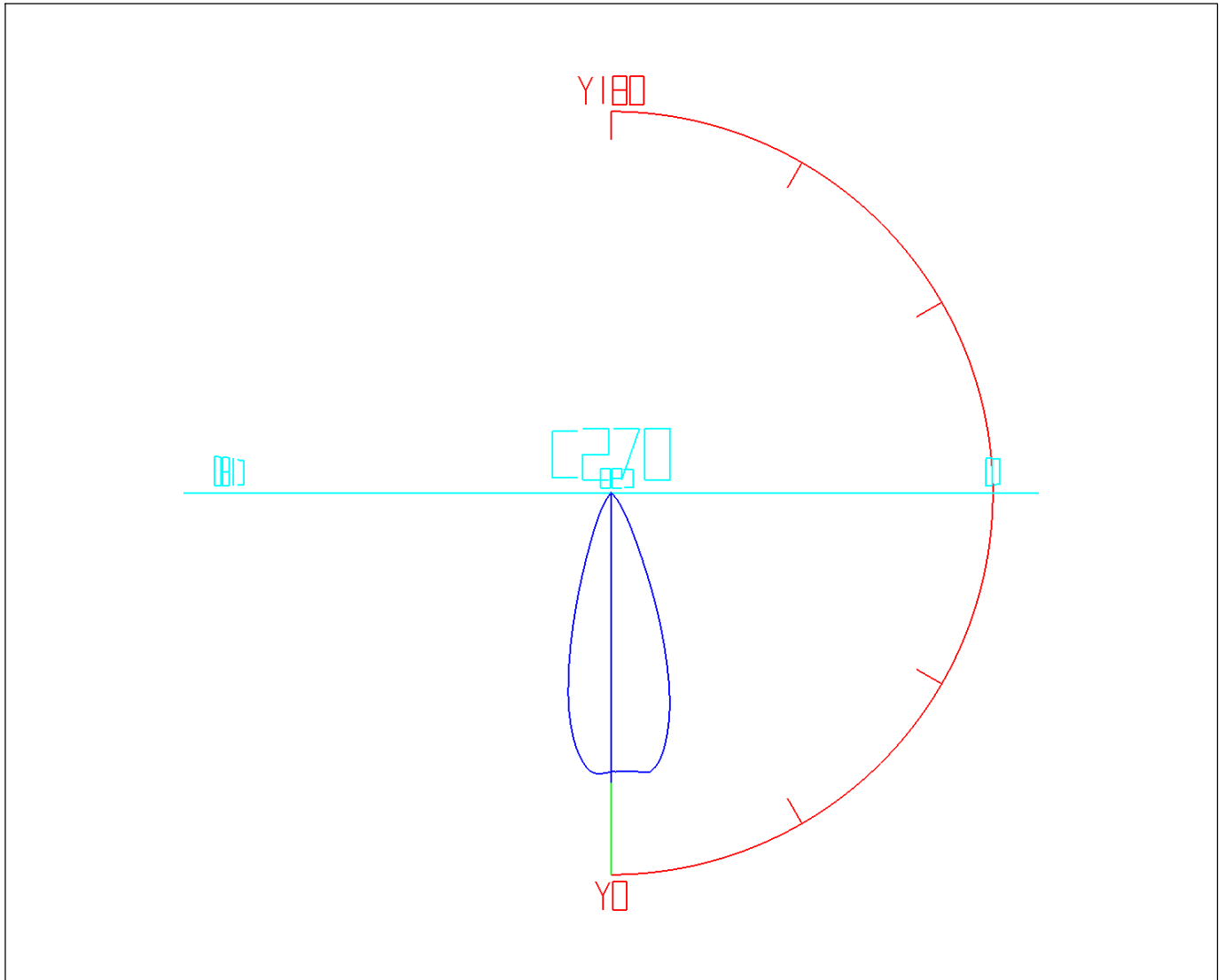
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3D Light Intensity Distribution Modal

Lum. Name: SD02-09-XX-01 3000K RA80 36D	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: 2021/03/24

3D Light Intensity Distribution Modal



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

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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	1.97	1.97	0.22	0.22	47.0-48.0	1.38	855.47	0.16	96.95
1.0-2.0	5.92	7.89	0.67	0.89	48.0-49.0	1.30	856.77	0.15	97.10
2.0-3.0	9.88	17.77	1.12	2.01	49.0-50.0	1.22	857.99	0.14	97.24
3.0-4.0	13.85	31.61	1.57	3.58	50.0-51.0	1.14	859.13	0.13	97.37
4.0-5.0	17.79	49.41	2.02	5.60	51.0-52.0	1.07	860.20	0.12	97.49
5.0-6.0	21.65	71.06	2.45	8.05	52.0-53.0	1.00	861.20	0.11	97.60
6.0-7.0	25.34	96.40	2.87	10.93	53.0-54.0	0.94	862.14	0.11	97.71
7.0-8.0	28.78	125.19	3.26	14.19	54.0-55.0	0.90	863.04	0.10	97.81
8.0-9.0	31.87	157.05	3.61	17.80	55.0-56.0	0.86	863.90	0.10	97.91
9.0-10.0	34.53	191.59	3.91	21.71	56.0-57.0	0.82	864.71	0.09	98.00
10.0-11.0	36.77	228.36	4.17	25.88	57.0-58.0	0.79	865.50	0.09	98.09
11.0-12.0	38.51	266.86	4.36	30.24	58.0-59.0	0.75	866.26	0.09	98.17
12.0-13.0	39.67	306.54	4.50	34.74	59.0-60.0	0.73	866.98	0.08	98.25
13.0-14.0	40.25	346.78	4.56	39.30	60.0-61.0	0.70	867.68	0.08	98.33
14.0-15.0	40.21	387.00	4.56	43.86	61.0-62.0	0.67	868.34	0.08	98.41
15.0-16.0	39.59	426.59	4.49	48.35	62.0-63.0	0.64	868.99	0.07	98.48
16.0-17.0	38.42	465.01	4.35	52.70	63.0-64.0	0.61	869.60	0.07	98.55
17.0-18.0	36.72	501.73	4.16	56.86	64.0-65.0	0.59	870.19	0.07	98.62
18.0-19.0	34.58	536.31	3.92	60.78	65.0-66.0	0.56	870.75	0.06	98.68
19.0-20.0	32.13	568.44	3.64	64.42	66.0-67.0	0.54	871.29	0.06	98.74
20.0-21.0	29.49	597.93	3.34	67.76	67.0-68.0	0.51	871.80	0.06	98.80
21.0-22.0	26.80	624.73	3.04	70.80	68.0-69.0	0.49	872.29	0.06	98.86
22.0-23.0	24.19	648.92	2.74	73.54	69.0-70.0	0.46	872.75	0.05	98.91
23.0-24.0	21.77	670.68	2.47	76.01	70.0-71.0	0.44	873.19	0.05	98.96
24.0-25.0	19.60	690.29	2.22	78.23	71.0-72.0	0.41	873.60	0.05	99.00
25.0-26.0	17.71	708.00	2.01	80.24	72.0-73.0	0.38	873.98	0.04	99.05
26.0-27.0	16.05	724.04	1.82	82.06	73.0-74.0	0.36	874.34	0.04	99.09
27.0-28.0	14.57	738.62	1.65	83.71	74.0-75.0	0.33	874.67	0.04	99.13
28.0-29.0	13.26	751.88	1.50	85.21	75.0-76.0	0.31	874.98	0.03	99.16
29.0-30.0	12.09	763.97	1.37	86.58	76.0-77.0	0.28	875.26	0.03	99.19
30.0-31.0	11.02	774.99	1.25	87.83	77.0-78.0	0.26	875.52	0.03	99.22
31.0-32.0	10.03	785.02	1.14	88.97	78.0-79.0	0.24	875.75	0.03	99.25
32.0-33.0	9.12	794.14	1.03	90.00	79.0-80.0	0.21	875.97	0.02	99.27
33.0-34.0	8.24	802.38	0.93	90.93	80.0-81.0	0.19	876.16	0.02	99.29
34.0-35.0	7.44	809.82	0.84	91.78	81.0-82.0	0.17	876.33	0.02	99.31
35.0-36.0	6.70	816.52	0.76	92.54	82.0-83.0	0.15	876.48	0.02	99.33
36.0-37.0	6.01	822.53	0.68	93.22	83.0-84.0	0.13	876.61	0.01	99.35
37.0-38.0	5.40	827.93	0.61	93.83	84.0-85.0	0.11	876.72	0.01	99.36
38.0-39.0	4.86	832.79	0.55	94.38	85.0-86.0	0.09	876.82	0.01	99.37
39.0-40.0	4.36	837.15	0.49	94.87	86.0-87.0	0.08	876.89	0.01	99.38
40.0-41.0	3.85	841.00	0.44	95.31	87.0-88.0	0.06	876.96	0.01	99.39
41.0-42.0	3.28	844.28	0.37	95.68	88.0-89.0	0.05	877.00	0.01	99.39
42.0-43.0	2.70	846.97	0.31	95.99	89.0-90.0	0.04	877.04	0.00	99.39
43.0-44.0	2.20	849.17	0.25	96.24	90.0-91.0	0.03	877.07	0.00	99.40
44.0-45.0	1.83	851.00	0.21	96.44	91.0-92.0	0.02	877.10	0.00	99.40
45.0-46.0	1.61	852.61	0.18	96.63	92.0-93.0	0.02	877.12	0.00	99.40
46.0-47.0	1.48	854.09	0.17	96.79	93.0-94.0	0.02	877.13	0.00	99.41

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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	0.01	877.14	0.00	99.41	141.0-142.0	0.11	877.91	0.01	99.49
95.0-96.0	0.01	877.15	0.00	99.41	142.0-143.0	0.12	878.03	0.01	99.51
96.0-97.0	0.01	877.16	0.00	99.41	143.0-144.0	0.13	878.16	0.01	99.52
97.0-98.0	0.00	877.16	0.00	99.41	144.0-145.0	0.14	878.30	0.02	99.54
98.0-99.0	0.00	877.16	0.00	99.41	145.0-146.0	0.14	878.45	0.02	99.55
99.0-100.0	0.00	877.16	0.00	99.41	146.0-147.0	0.15	878.60	0.02	99.57
100.0-101.0	0.00	877.16	0.00	99.41	147.0-148.0	0.16	878.75	0.02	99.59
101.0-102.0	0.00	877.16	0.00	99.41	148.0-149.0	0.16	878.91	0.02	99.61
102.0-103.0	0.00	877.16	0.00	99.41	149.0-150.0	0.16	879.08	0.02	99.63
103.0-104.0	0.00	877.16	0.00	99.41	150.0-151.0	0.17	879.24	0.02	99.64
104.0-105.0	0.00	877.16	0.00	99.41	151.0-152.0	0.17	879.41	0.02	99.66
105.0-106.0	0.00	877.16	0.00	99.41	152.0-153.0	0.17	879.58	0.02	99.68
106.0-107.0	0.00	877.16	0.00	99.41	153.0-154.0	0.17	879.75	0.02	99.70
107.0-108.0	0.00	877.16	0.00	99.41	154.0-155.0	0.17	879.93	0.02	99.72
108.0-109.0	0.00	877.16	0.00	99.41	155.0-156.0	0.17	880.09	0.02	99.74
109.0-110.0	0.00	877.16	0.00	99.41	156.0-157.0	0.17	880.26	0.02	99.76
110.0-111.0	0.00	877.16	0.00	99.41	157.0-158.0	0.16	880.43	0.02	99.78
111.0-112.0	0.00	877.16	0.00	99.41	158.0-159.0	0.16	880.59	0.02	99.80
112.0-113.0	0.00	877.16	0.00	99.41	159.0-160.0	0.16	880.75	0.02	99.81
113.0-114.0	0.00	877.16	0.00	99.41	160.0-161.0	0.15	880.90	0.02	99.83
114.0-115.0	0.00	877.16	0.00	99.41	161.0-162.0	0.15	881.04	0.02	99.85
115.0-116.0	0.00	877.16	0.00	99.41	162.0-163.0	0.14	881.18	0.02	99.86
116.0-117.0	0.00	877.16	0.00	99.41	163.0-164.0	0.13	881.32	0.02	99.88
117.0-118.0	0.00	877.16	0.00	99.41	164.0-165.0	0.13	881.44	0.01	99.89
118.0-119.0	0.00	877.16	0.00	99.41	165.0-166.0	0.12	881.56	0.01	99.91
119.0-120.0	0.00	877.16	0.00	99.41	166.0-167.0	0.11	881.67	0.01	99.92
120.0-121.0	0.00	877.16	0.00	99.41	167.0-168.0	0.10	881.77	0.01	99.93
121.0-122.0	0.00	877.16	0.00	99.41	168.0-169.0	0.09	881.87	0.01	99.94
122.0-123.0	0.00	877.16	0.00	99.41	169.0-170.0	0.09	881.96	0.01	99.95
123.0-124.0	0.00	877.16	0.00	99.41	170.0-171.0	0.08	882.03	0.01	99.96
124.0-125.0	0.00	877.16	0.00	99.41	171.0-172.0	0.07	882.11	0.01	99.97
125.0-126.0	0.00	877.16	0.00	99.41	172.0-173.0	0.06	882.17	0.01	99.98
126.0-127.0	0.00	877.16	0.00	99.41	173.0-174.0	0.05	882.22	0.01	99.98
127.0-128.0	0.00	877.17	0.00	99.41	174.0-175.0	0.05	882.27	0.01	99.99
128.0-129.0	0.01	877.17	0.00	99.41	175.0-176.0	0.04	882.31	0.00	99.99
129.0-130.0	0.01	877.18	0.00	99.41	176.0-177.0	0.03	882.34	0.00	100.00
130.0-131.0	0.02	877.20	0.00	99.41	177.0-178.0	0.02	882.36	0.00	100.00
131.0-132.0	0.02	877.22	0.00	99.42	178.0-179.0	0.01	882.37	0.00	100.00
132.0-133.0	0.03	877.25	0.00	99.42	179.0-180.0	0.00	882.38	0.00	100.00
133.0-134.0	0.03	877.28	0.00	99.42					
134.0-135.0	0.04	877.32	0.00	99.43					
135.0-136.0	0.05	877.38	0.01	99.43					
136.0-137.0	0.06	877.44	0.01	99.44					
137.0-138.0	0.07	877.51	0.01	99.45					
138.0-139.0	0.08	877.60	0.01	99.46					
139.0-140.0	0.09	877.69	0.01	99.47					
140.0-141.0	0.10	877.80	0.01	99.48					

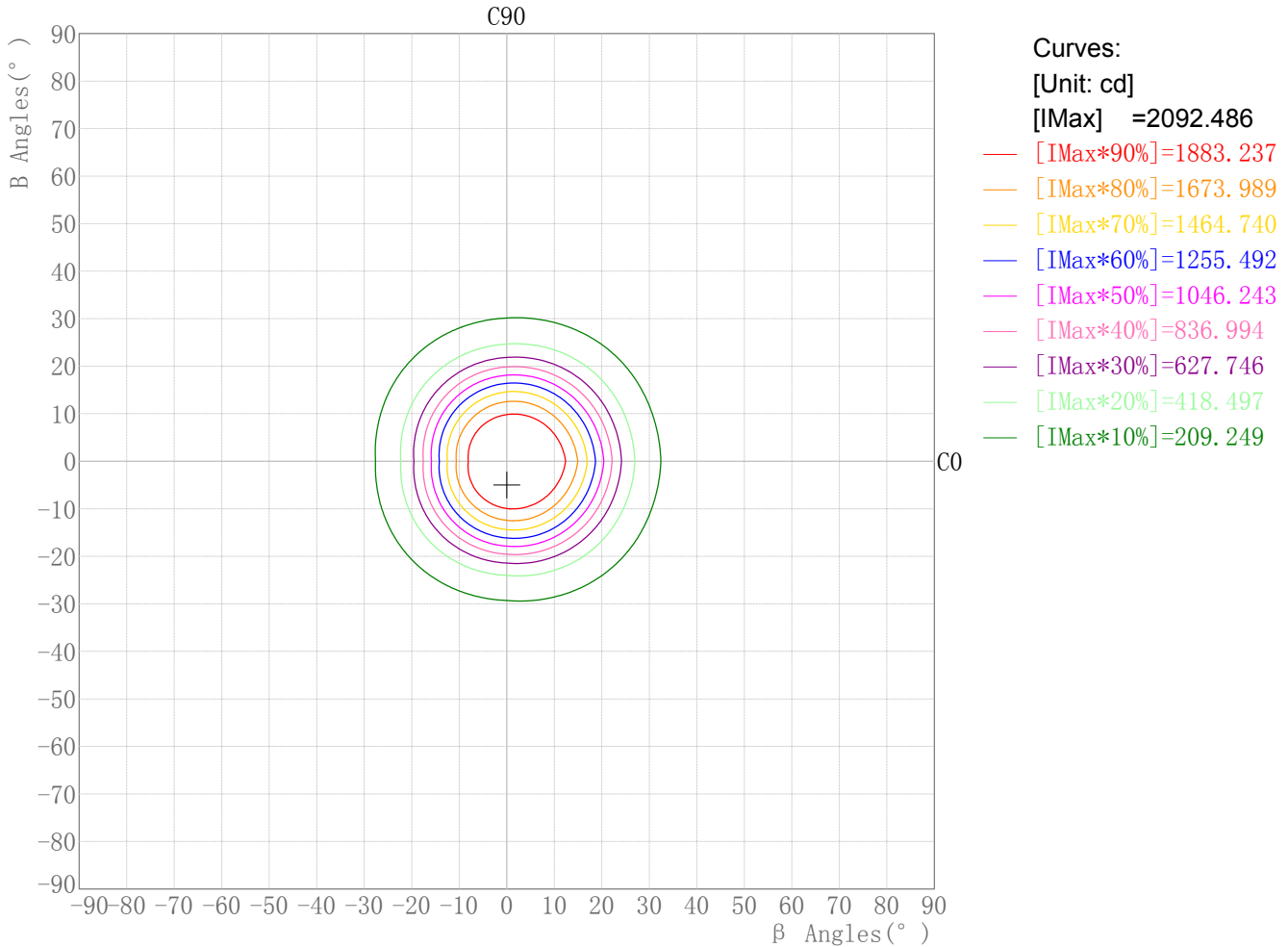
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Rectangle ISO Lighting Intensity Diagram

Lum. Name: SD02-09-XX-01 3000K RA80 36D	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: 2021/03/24

ISO Lighting Intensity Curve



Maximum Light Intensity(cd): 2092.49

Maximum Cand.@Angle: H=-0.0°,V=-5.0°

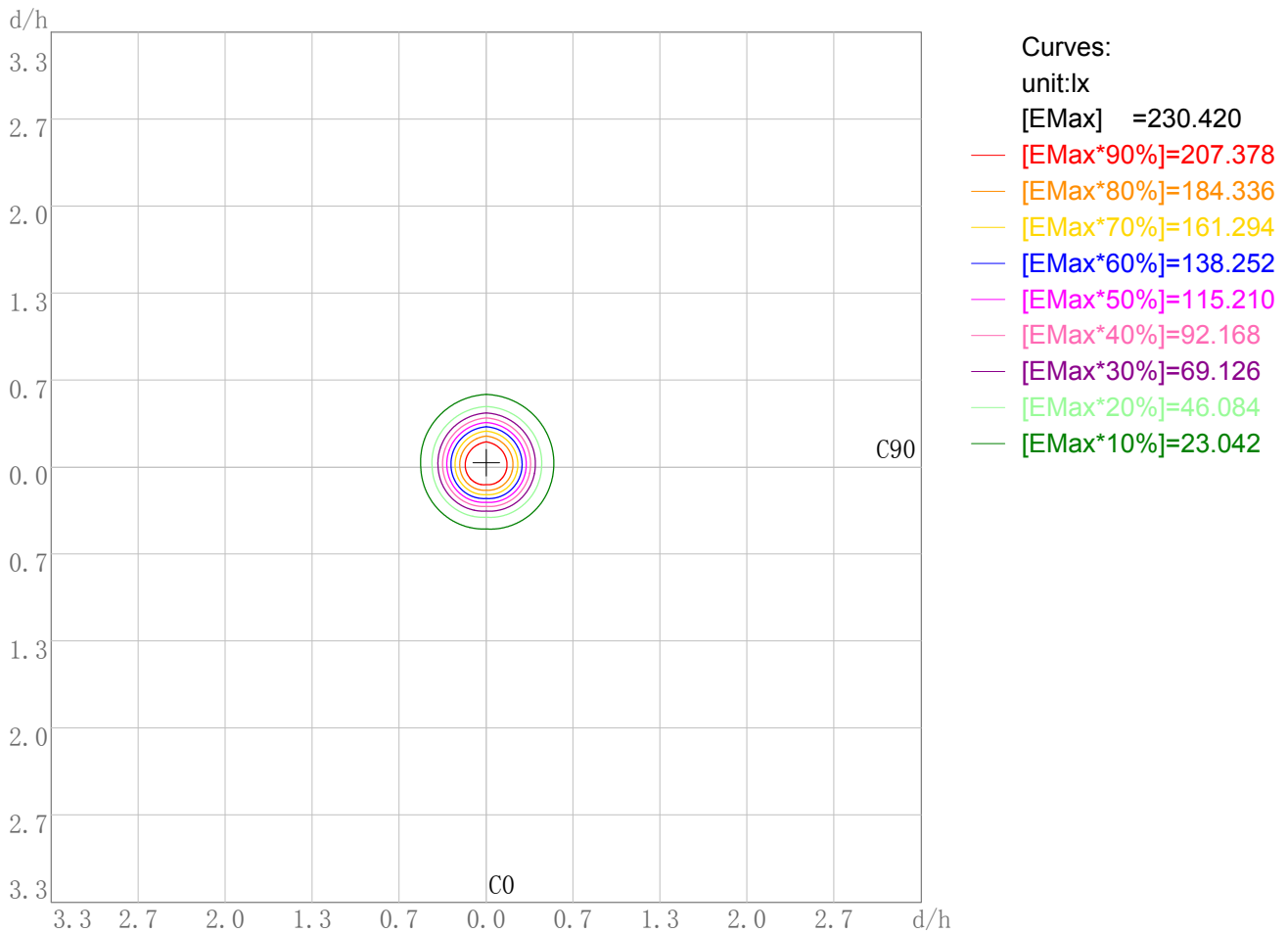
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Plane ISO-Illuminance Diagram

Lum. Name: SD02-09-XX-01 3000K RA80 36D	Lum. Catalog: LED	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/03/24

Plane ISO-Illuminance Curve



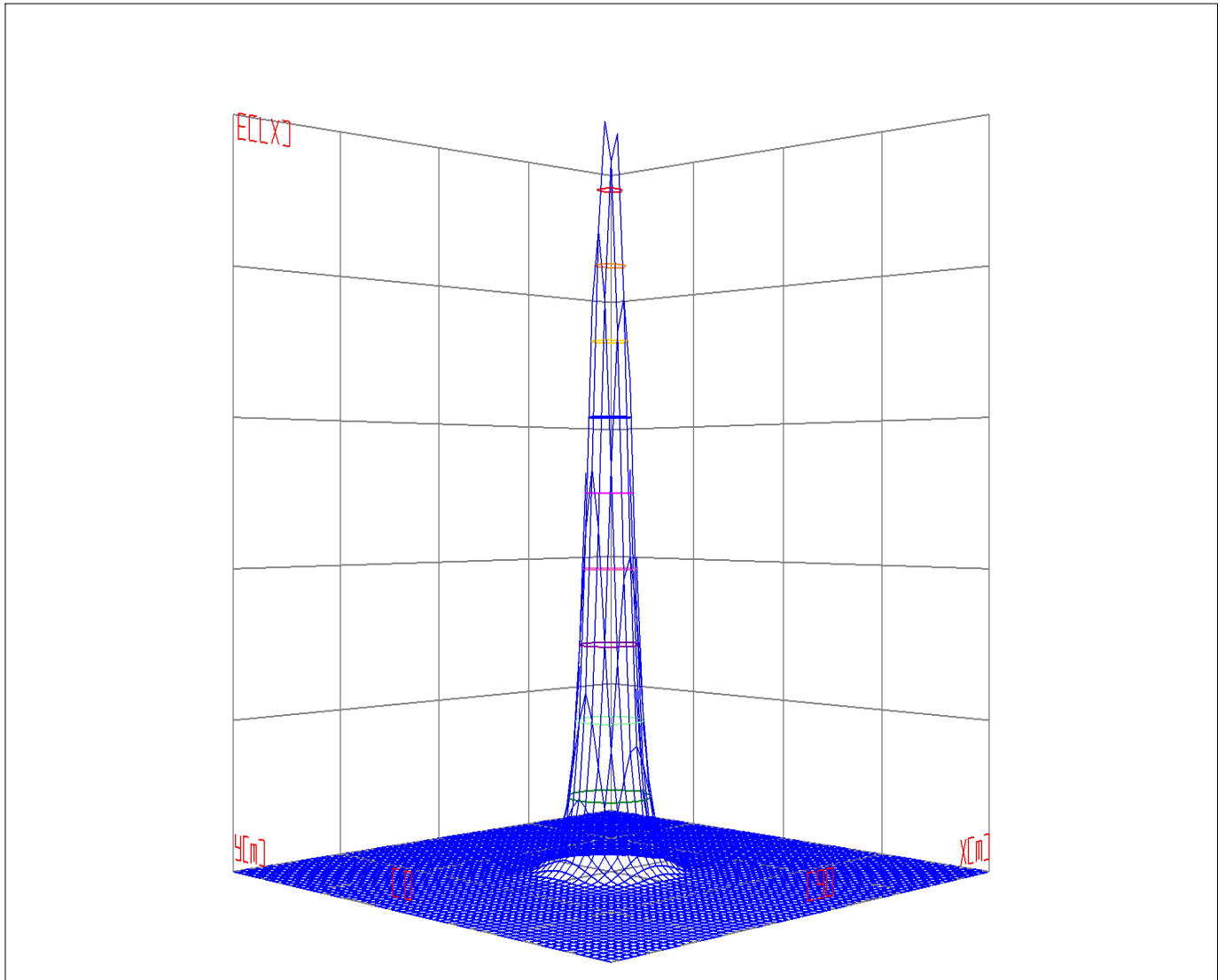
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3D Plane ISO Illuminance Diagram

Lum. Name: SD02-09-XX-01 3000K RA80 36D	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: 2021/03/24

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

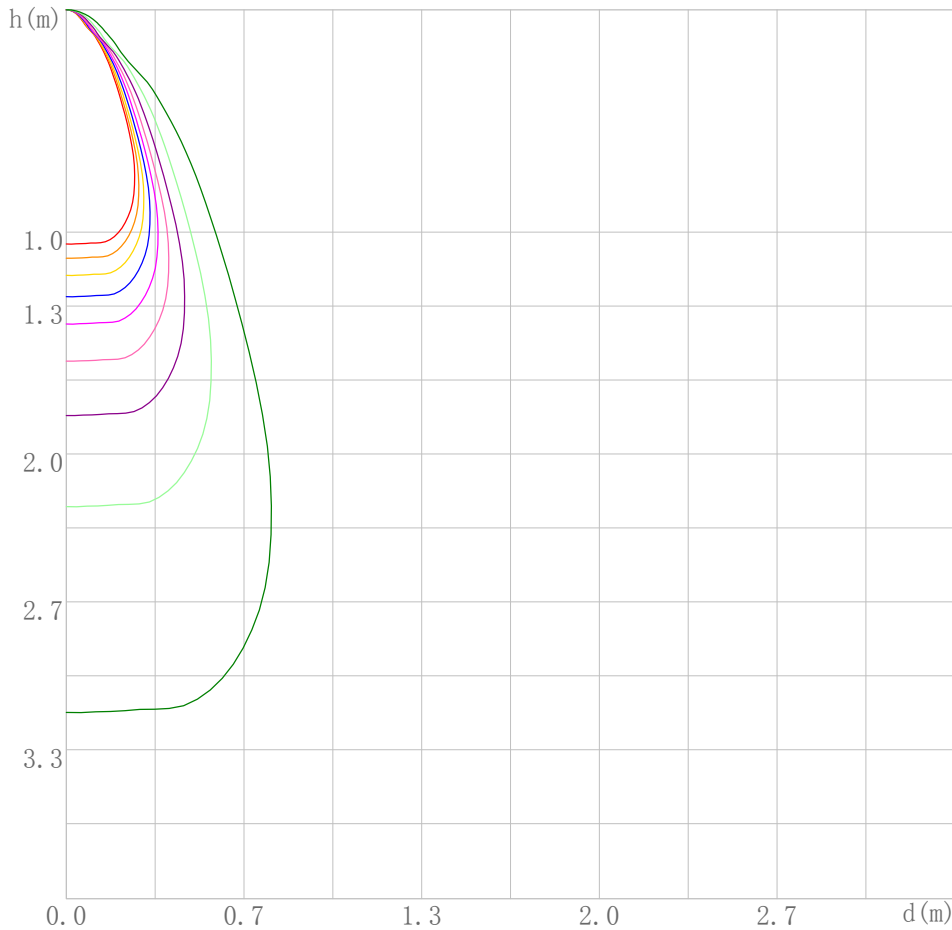
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Space ISO Illuminance Diagram

Lum. Name: SD02-09-XX-01 3000K RA80 36D	Lum. Catalog:	Test ID: 01
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Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/03/24

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[E_{Max}] =2062.221

— [E_{Max}*90%]=1855.998

— [E_{Max}*80%]=1649.776

— [E_{Max}*70%]=1443.554

— [E_{Max}*60%]=1237.332

— [E_{Max}*50%]=1031.110

— [E_{Max}*40%]=824.888

— [E_{Max}*30%]=618.666

— [E_{Max}*20%]=412.444

— [E_{Max}*10%]=206.222

Space Plane Maximum Illuminance and @Angle:2062.22lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:2084.701cd,0deg

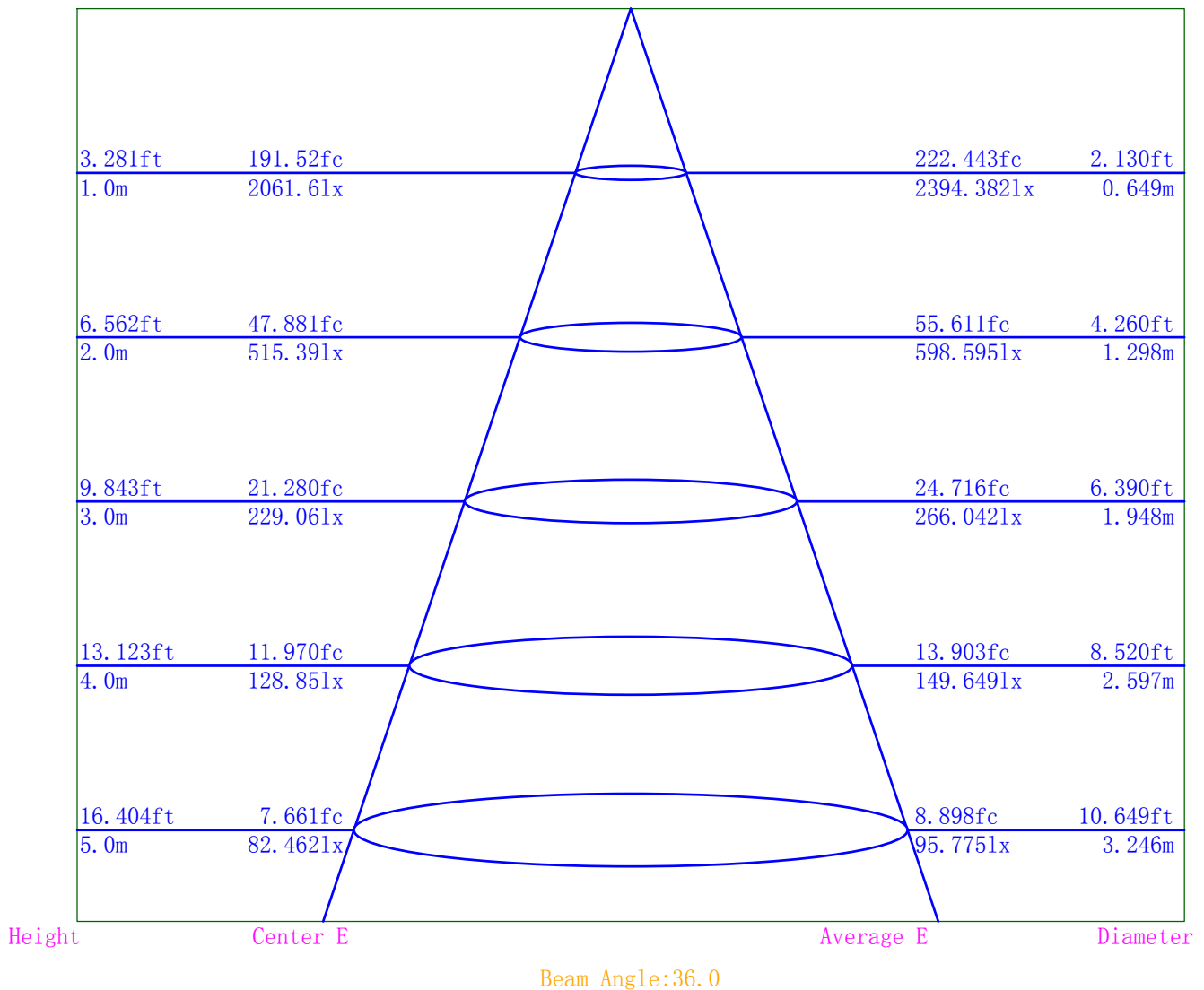
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Illuminance-Distance Diagram

Lum. Name: SD02-09-XX-01 3000K RA80 36D	Lum. Catalog: LED	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/03/24

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name: SD02-09-XX-01 3000K RA80 36D	Lum. Catalog: LED	Test ID: 01
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Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/03/24

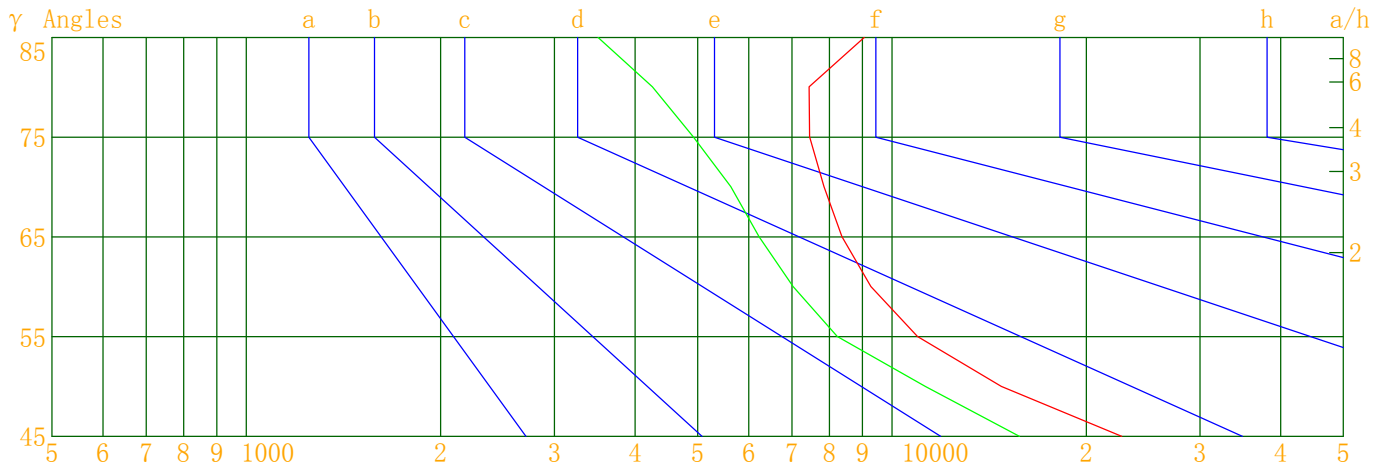
Glare Grade Table

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	22692	14771	10950	9278	8365	7849	7454	7441	9057
C90	15756	11264	8228	7028	6223	5630	4921	4256	3506

Luminance Limiting Curve



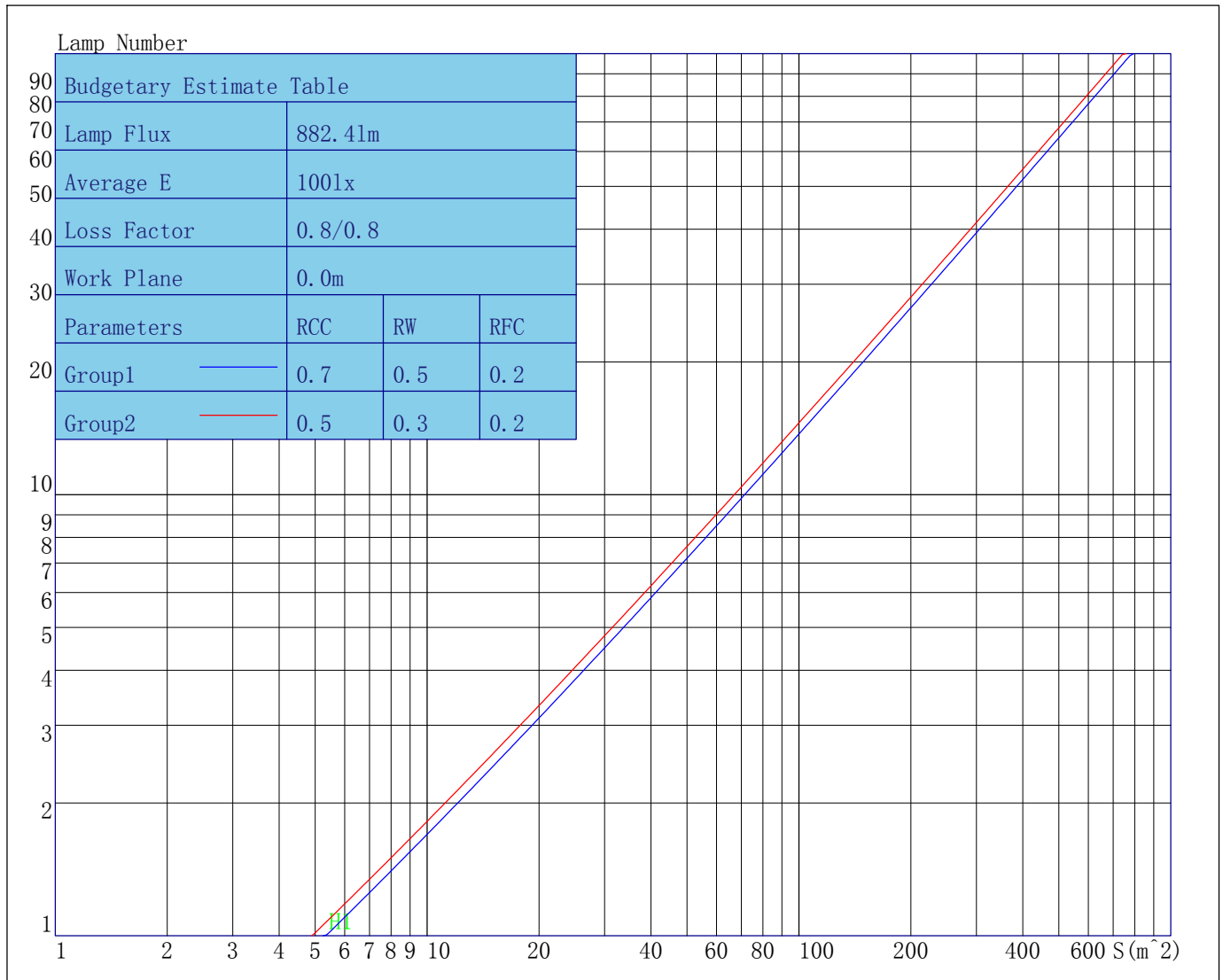
Luminous Size: Length(m)=0.000 Width(m)=-0.050 Height(m)=0.000 Area(m^2)=0.001963
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: ——— C90-C270 Color: ———

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Indoor Budgetary Estimate Table

Lum. Name: SD02-09-XX-01 3000K RA80 36D	Lum. Catalog:	Test ID: 01
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Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/03/24



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:SD02-09-XX-01 3000K RA80 36D.IES

Indoor Coefficient of Utilization Table

Lum. Name: SD02-09-XX-01 3000K RA80 36D	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: 2021/03/24

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	101	101	101	99
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	94
2	109	105	102	99	107	103	100	98	100	98	95	97	95	93	94	93	91	90
3	105	100	95	92	103	98	94	91	96	92	90	93	90	88	91	89	87	85
4	101	95	90	86	99	93	89	86	91	88	85	89	86	84	87	85	83	81
5	97	90	85	82	96	89	85	81	87	83	80	86	82	80	84	81	79	78
6	93	86	81	77	92	85	81	77	84	80	77	82	79	76	81	78	76	74
7	90	82	77	74	89	82	77	74	80	76	73	79	76	73	78	75	72	71
8	87	79	74	71	86	78	74	70	77	73	70	76	73	70	75	72	70	68
9	84	76	71	68	83	75	71	68	74	70	67	74	70	67	73	69	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	70	67	64	63

IES Indoor Report

Photometric Filename:SD02-09-XX-01 3000K RA80 36D.IES

Unified Glare Rating Table

Lum. Name: SD02-09-XX-01 3000K RA80 36D	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: 2021/03/24

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	17.9	18.9	18.3	19.2	19.6	16.3	17.2	16.6	17.6	17.9
Y=3H	18.0	18.9	18.4	19.2	19.6	16.3	17.2	16.7	17.6	17.9
Y=4H	18.1	18.9	18.5	19.3	19.7	16.3	17.2	16.8	17.5	17.9
Y=6H	18.1	18.9	18.6	19.3	19.7	16.3	17.1	16.8	17.5	17.9
Y=8H	18.1	18.9	18.6	19.3	19.7	16.3	17.0	16.8	17.4	17.9
Y=12H	18.2	18.9	18.6	19.2	19.7	16.3	17.0	16.7	17.4	17.8
X=4H Y=2H	17.7	18.6	18.2	18.9	19.3	16.1	16.9	16.5	17.3	17.7
Y=3H	17.9	18.6	18.4	19.0	19.5	16.3	17.0	16.7	17.4	17.8
Y=4H	18.0	18.7	18.5	19.1	19.6	16.4	17.0	16.8	17.4	17.9
Y=6H	18.2	18.7	18.7	19.2	19.7	16.4	16.9	16.9	17.4	17.9
Y=8H	18.2	18.8	18.7	19.2	19.7	16.4	16.9	16.9	17.4	17.9
Y=12H	18.3	18.8	18.8	19.3	19.8	16.4	16.8	16.9	17.3	17.8
X=8H Y=4H	18.0	18.5	18.5	18.9	19.4	16.3	16.8	16.8	17.3	17.8
Y=6H	18.2	18.6	18.7	19.1	19.7	16.4	16.8	16.9	17.3	17.9
Y=8H	18.3	18.7	18.8	19.2	19.7	16.4	16.8	17.0	17.3	17.8
Y=12H	18.5	18.8	19.0	19.3	19.9	16.5	16.8	17.0	17.3	17.9
X=12H Y=4H	17.9	18.4	18.4	18.9	19.4	16.3	16.7	16.8	17.2	17.7
Y=6H	18.2	18.5	18.7	19.0	19.6	16.4	16.8	16.9	17.2	17.8
Y=8H	18.3	18.6	18.8	19.1	19.7	16.4	16.8	17.0	17.3	17.9
Variations with the observer position at spacings										
S=1.0H	0.3/-0.3					0.6/-0.6				
S=1.5H	0.6/-0.7					0.9/-1.1				
S=2.0H	0.8/-0.9					1.2/-1.5				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	0.9					0.7				

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

IES Indoor Report

Photometric Filename:SD02-09-XX-01 3000K RA80 36D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	2061.55	2061.55	2061.55	2061.55
γ 1.0	2063.16	2051.65	2072.18	2050.87
γ 2.0	2061.48	2054.18	2077.57	2056.36
γ 3.0	2064.02	2056.76	2080.51	2068.66
γ 4.0	2066.24	2059.02	2070.32	2082.65
γ 5.0	2067.32	2060.65	2045.47	2092.49
γ 6.0	2076.67	2052.08	2002.79	2083.08
γ 7.0	2084.70	2028.48	1949.89	2054.75
γ 8.0	2082.62	1987.42	1890.27	2009.56
γ 9.0	2059.46	1935.22	1816.06	1947.35
γ 10.0	2022.76	1871.73	1732.22	1879.17
γ 11.0	1973.32	1802.20	1637.31	1800.76
γ 12.0	1910.67	1723.74	1527.64	1714.04
γ 13.0	1838.16	1632.37	1406.97	1619.07
γ 14.0	1757.56	1531.36	1282.23	1510.06
γ 15.0	1668.87	1421.37	1152.93	1392.26
γ 16.0	1569.78	1303.69	1027.02	1272.73
γ 17.0	1457.61	1183.17	903.22	1151.96
γ 18.0	1337.17	1059.09	786.55	1029.06
γ 19.0	1215.71	938.21	679.67	904.47
γ 20.0	1096.81	818.95	584.24	782.93
γ 21.0	977.27	709.57	503.40	670.57
γ 22.0	856.76	611.38	435.17	570.85
γ 23.0	743.30	527.90	378.61	486.66
γ 24.0	640.49	456.62	331.16	417.59
γ 25.0	552.22	398.12	290.71	361.56
γ 26.0	478.21	348.95	256.08	315.28
γ 27.0	415.75	307.16	225.98	276.37
γ 28.0	362.37	271.15	199.63	243.85
γ 29.0	317.88	240.20	176.40	216.31
γ 30.0	280.07	212.83	155.56	192.09
γ 31.0	247.97	188.75	135.92	170.58
γ 32.0	220.14	167.42	118.57	151.32
γ 33.0	195.67	147.75	103.49	133.38
γ 34.0	173.77	130.07	88.01	117.58
γ 35.0	154.16	114.60	76.26	103.53
γ 36.0	136.82	99.66	66.57	89.67
γ 37.0	120.81	87.23	58.21	78.14
γ 38.0	106.28	76.88	51.17	68.51
γ 39.0	93.65	67.85	45.12	60.38
γ 40.0	82.79	60.05	37.04	53.49
γ 41.0	73.19	53.02	25.06	47.30
γ 42.0	64.74	41.72	19.71	36.08
γ 43.0	55.96	29.91	17.26	26.09
γ 44.0	41.07	24.87	15.65	21.84
γ 45.0	31.50	21.88	14.48	19.23
γ 46.0	26.92	19.67	13.60	17.51

IES Indoor Report

Photometric Filename:SD02-09-XX-01 3000K RA80 36D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	23.87	17.98	12.85	16.20
γ 48.0	21.80	16.60	12.08	15.22
γ 49.0	20.08	15.39	10.99	14.35
γ 50.0	18.64	14.22	10.05	13.45
γ 51.0	17.33	12.73	9.40	12.14
γ 52.0	15.98	11.55	8.85	11.36
γ 53.0	14.43	10.66	8.42	10.72
γ 54.0	13.31	9.89	8.06	10.17
γ 55.0	12.33	9.27	7.70	9.71
γ 56.0	11.44	8.72	7.34	9.29
γ 57.0	10.79	8.21	7.02	8.88
γ 58.0	10.19	7.73	6.72	8.48
γ 59.0	9.63	7.29	6.41	8.13
γ 60.0	9.11	6.90	6.14	7.78
γ 61.0	8.60	6.51	5.85	7.45
γ 62.0	8.16	6.15	5.57	7.14
γ 63.0	7.74	5.81	5.31	6.82
γ 64.0	7.34	5.48	5.05	6.51
γ 65.0	6.94	5.16	4.81	6.23
γ 66.0	6.57	4.87	4.56	5.94
γ 67.0	6.23	4.58	4.32	5.66
γ 68.0	5.89	4.31	4.07	5.41
γ 69.0	5.58	4.05	3.84	5.12
γ 70.0	5.27	3.78	3.57	4.84
γ 71.0	4.97	3.52	3.30	4.55
γ 72.0	4.68	3.26	3.05	4.26
γ 73.0	4.36	2.99	2.80	3.97
γ 74.0	4.07	2.75	2.55	3.70
γ 75.0	3.79	2.50	2.31	3.44
γ 76.0	3.51	2.28	2.09	3.20
γ 77.0	3.27	2.06	1.87	2.93
γ 78.0	3.02	1.84	1.65	2.70
γ 79.0	2.77	1.64	1.44	2.45
γ 80.0	2.54	1.45	1.25	2.23
γ 81.0	2.33	1.27	1.07	2.01
γ 82.0	2.12	1.08	0.88	1.80
γ 83.0	1.93	0.92	0.72	1.60
γ 84.0	1.73	0.75	0.55	1.42
γ 85.0	1.55	0.60	0.39	1.23
γ 86.0	1.38	0.45	0.25	1.06
γ 87.0	1.21	0.32	0.12	0.89
γ 88.0	1.04	0.18	0.00	0.74
γ 89.0	0.90	0.05	0.00	0.60
γ 90.0	0.75	0.00	0.00	0.47
γ 91.0	0.61	0.00	0.00	0.39
γ 92.0	0.51	0.00	0.00	0.31
γ 93.0	0.43	0.00	0.00	0.22

IES Indoor Report

Photometric Filename:SD02-09-XX-01 3000K RA80 36D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.36	0.00	0.00	0.16
γ 95.0	0.29	0.00	0.00	0.09
γ 96.0	0.21	0.00	0.00	0.03
γ 97.0	0.16	0.00	0.00	0.00
γ 98.0	0.10	0.00	0.00	0.00
γ 99.0	0.04	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	0.03	0.00
γ 128.0	0.00	0.00	0.14	0.02
γ 129.0	0.00	0.00	0.27	0.11
γ 130.0	0.00	0.00	0.40	0.22
γ 131.0	0.00	0.00	0.54	0.33
γ 132.0	0.00	0.00	0.69	0.45
γ 133.0	0.00	0.02	0.85	0.57
γ 134.0	0.07	0.15	1.00	0.73
γ 135.0	0.19	0.30	1.16	0.86
γ 136.0	0.32	0.44	1.32	1.00
γ 137.0	0.46	0.60	1.50	1.15
γ 138.0	0.59	0.77	1.66	1.31
γ 139.0	0.75	0.95	1.83	1.46
γ 140.0	0.91	1.11	2.00	1.63

IES Indoor Report

Photometric Filename:SD02-09-XX-01 3000K RA80 36D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.09	1.28	2.17	1.79
γ 142.0	1.25	1.44	2.34	1.95
γ 143.0	1.41	1.60	2.50	2.11
γ 144.0	1.58	1.78	2.66	2.28
γ 145.0	1.76	1.95	2.84	2.43
γ 146.0	1.92	2.11	3.00	2.59
γ 147.0	2.09	2.27	3.15	2.75
γ 148.0	2.25	2.42	3.30	2.91
γ 149.0	2.43	2.58	3.45	3.05
γ 150.0	2.58	2.73	3.58	3.21
γ 151.0	2.74	2.88	3.72	3.35
γ 152.0	2.89	3.02	3.84	3.46
γ 153.0	3.05	3.15	3.96	3.58
γ 154.0	3.20	3.28	4.06	3.69
γ 155.0	3.33	3.40	4.15	3.80
γ 156.0	3.46	3.51	4.25	3.91
γ 157.0	3.58	3.62	4.32	4.00
γ 158.0	3.69	3.71	4.39	4.09
γ 159.0	3.81	3.81	4.44	4.16
γ 160.0	3.90	3.88	4.47	4.21
γ 161.0	4.00	3.95	4.50	4.28
γ 162.0	4.08	4.01	4.52	4.30
γ 163.0	4.15	4.05	4.53	4.33
γ 164.0	4.21	4.09	4.52	4.34
γ 165.0	4.26	4.11	4.52	4.37
γ 166.0	4.28	4.13	4.51	4.35
γ 167.0	4.31	4.14	4.50	4.36
γ 168.0	4.33	4.15	4.49	4.35
γ 169.0	4.35	4.17	4.50	4.35
γ 170.0	4.36	4.17	4.50	4.35
γ 171.0	4.37	4.18	4.50	4.35
γ 172.0	4.38	4.20	4.51	4.38
γ 173.0	4.39	4.24	4.52	4.39
γ 174.0	4.41	4.28	4.54	4.41
γ 175.0	4.44	4.30	4.54	4.43
γ 176.0	4.46	4.35	4.56	4.47
γ 177.0	4.49	4.38	4.57	4.50
γ 178.0	4.52	4.43	4.59	4.51
γ 179.0	4.54	4.45	4.60	4.52
γ 180.0	4.55	4.55	4.55	4.55
