

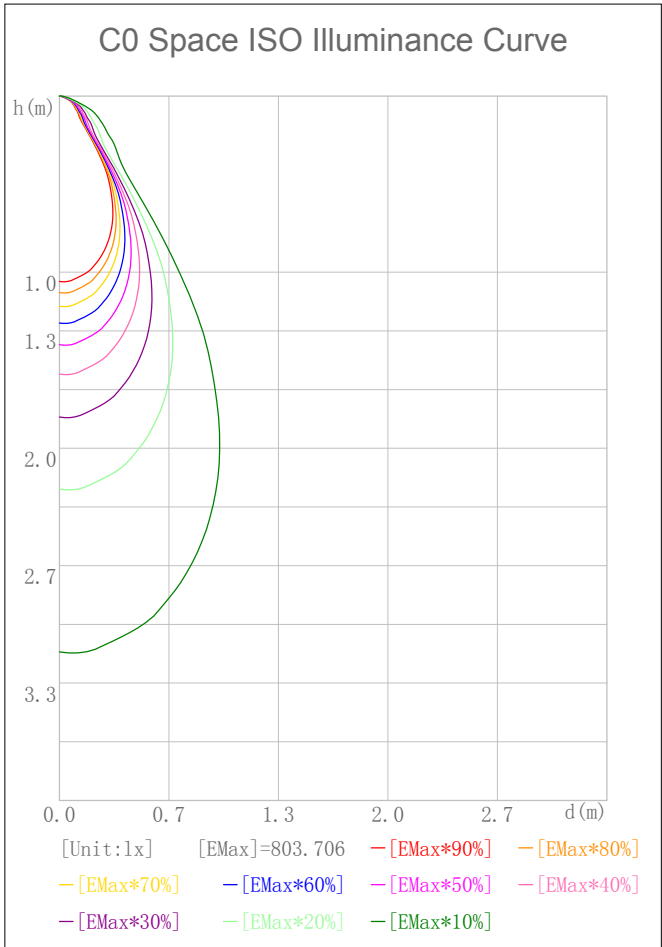
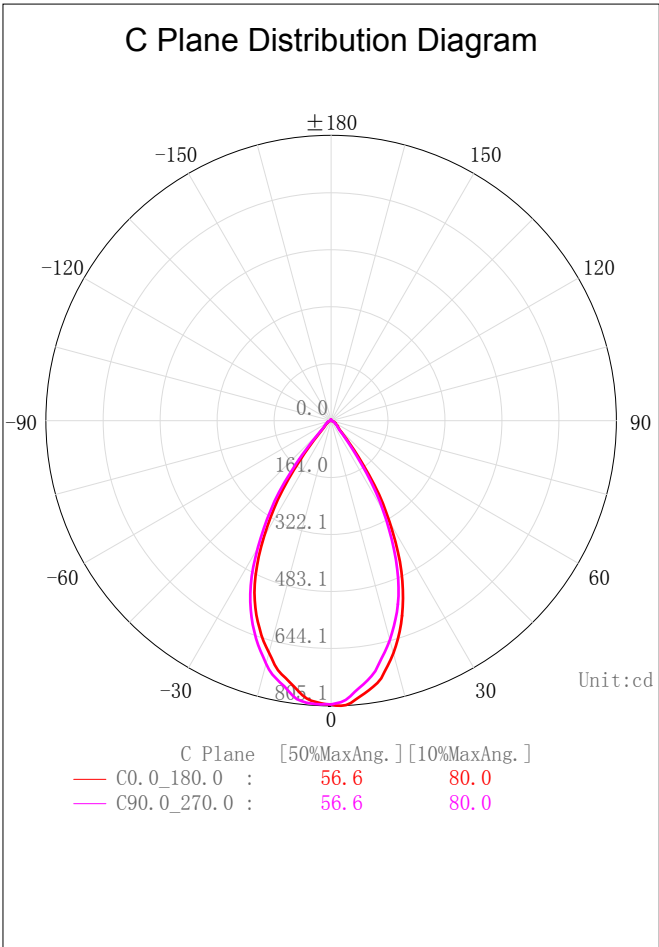
Indoor Luminaire Photometric Data

Description Information

Luminary Name:DL52-09-XX-04 2700K RA90 60D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2021/11/16
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):0.038m*0.038m*0.000m		Lum. Area (m2):0.001	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

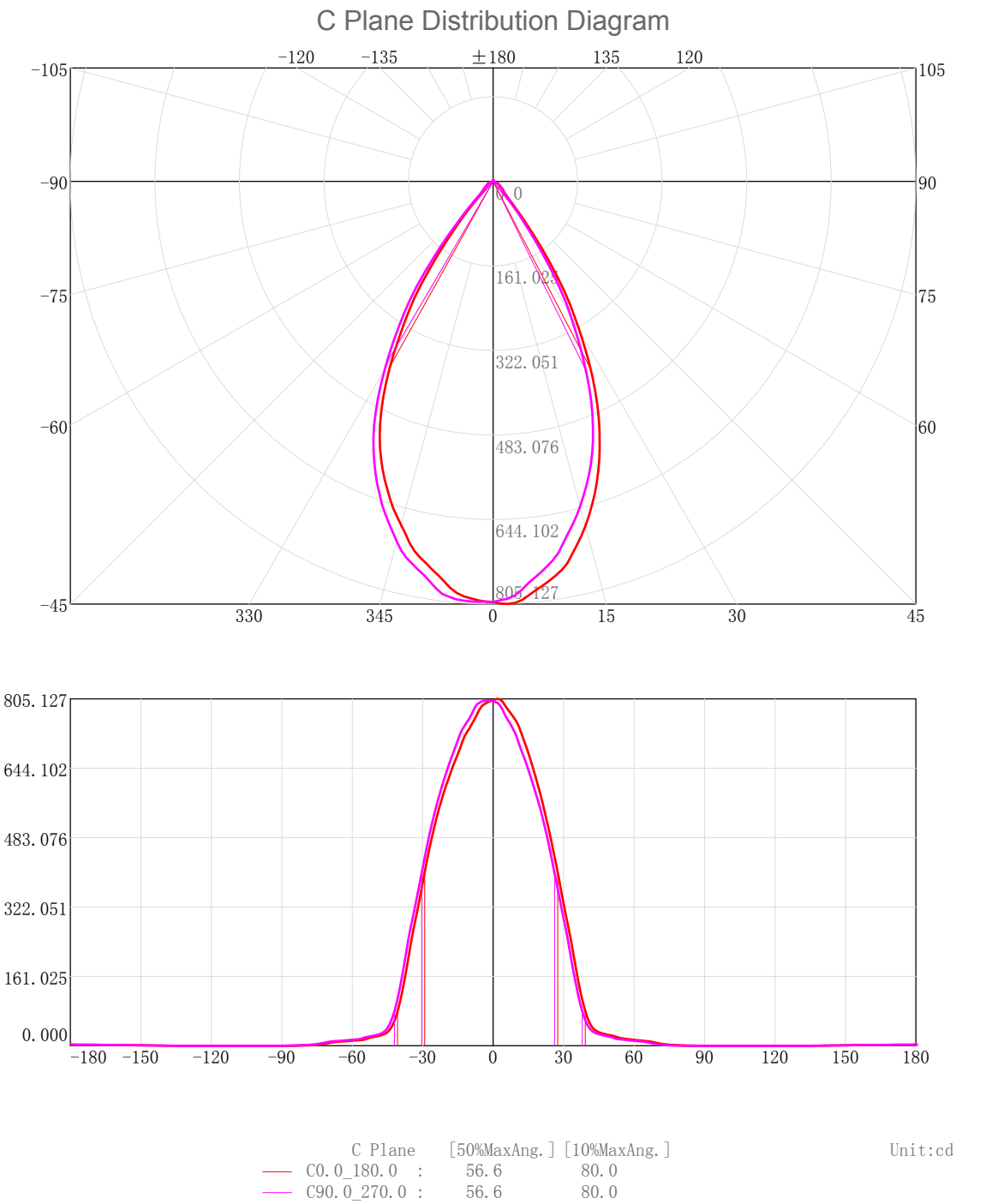
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 674.560	Luminary Flux(lm): 674.555	Field Angle(10%Imax): 80.0(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 672.284lm 99.66%	
Rated Voltage(V):	Luminary EER(lm/W): 75.869	Up Lumens&Percent: 2.271lm 0.34%	
Tested Power(W): 8.891	Max. Candela(cd): 805.127	S/MH: C0_a180=0.876 C90_270=0.874	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.9, 0.041, 0.899	Beam Angle(50%Imax): 56.6(°)	ErP Φ use(90°): 623.638lm	
Lamp Size (W*L*H):0.038m*0.038m*0.000m	Left=-29.1°, Right=27.5°	IRF(%): 263.892	



2D Plane Light Intensity Distribution Curve

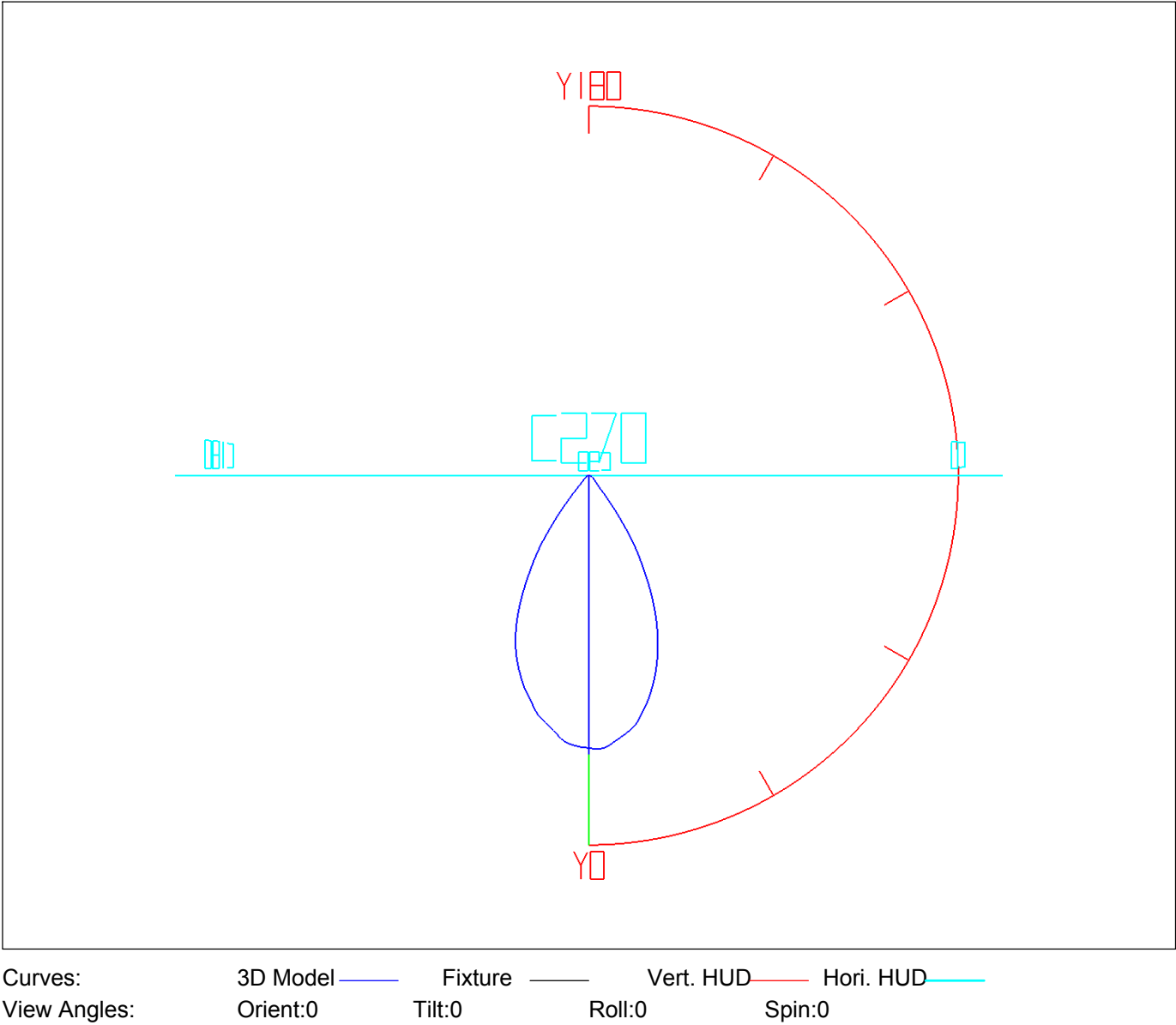
Lum. Name: DL52-09-XX-04 2700K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/11/16



3D Light Intensity Distribution Modal

Lum. Name: DL52-09-XX-04 2700K RA90 60D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/11/16

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:DL52-09-XX-04 2700K RA90 60D.IES

Zonal Flux Tabulation

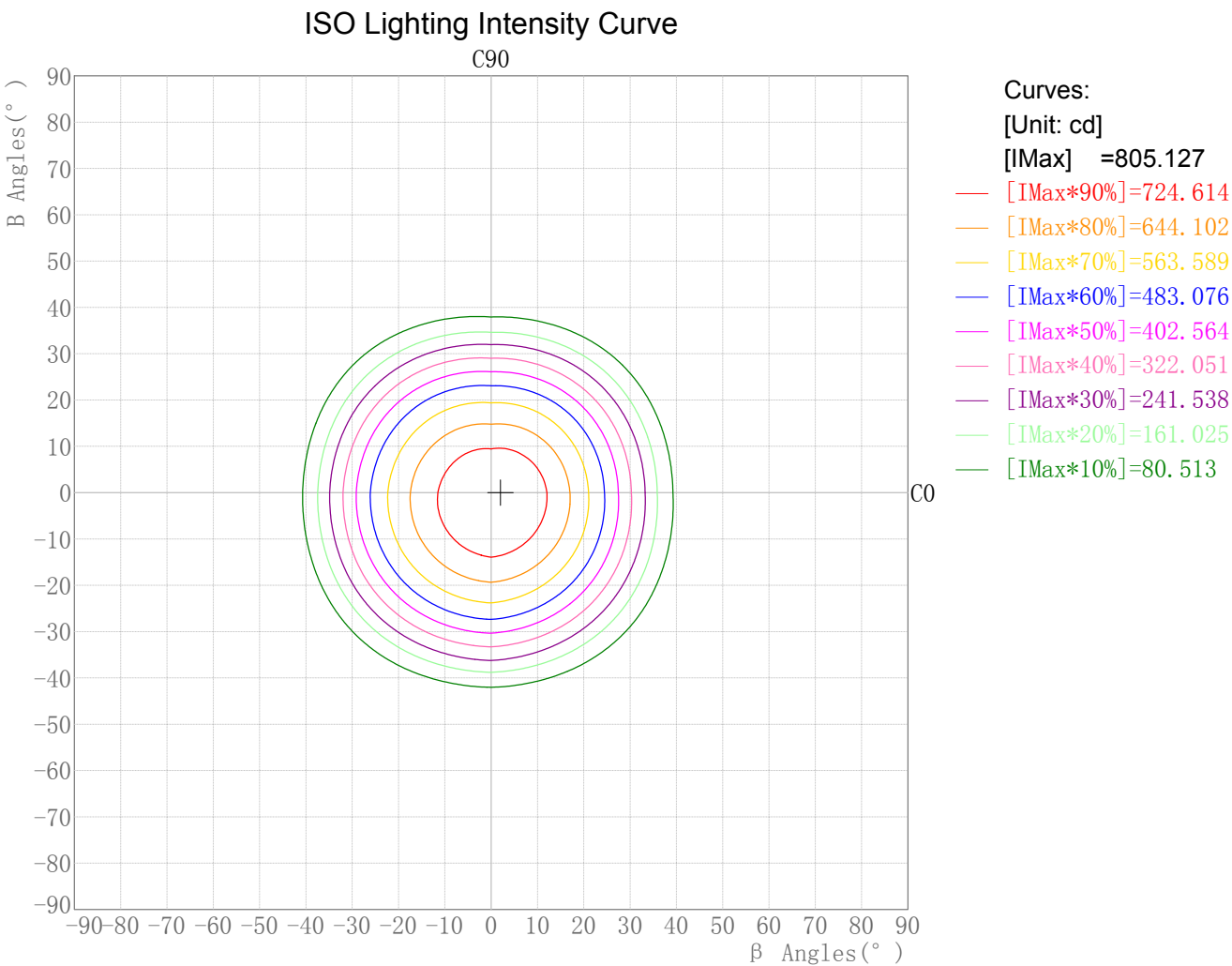
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.77	0.77	0.11	0.11	47.0-48.0	2.13	639.50	0.32	94.80
1.0-2.0	2.30	3.06	0.34	0.45	48.0-49.0	2.03	641.53	0.30	95.10
2.0-3.0	3.82	6.88	0.57	1.02	49.0-50.0	1.95	643.48	0.29	95.39
3.0-4.0	5.32	12.21	0.79	1.81	50.0-51.0	1.87	645.36	0.28	95.67
4.0-5.0	6.79	19.00	1.01	2.82	51.0-52.0	1.79	647.14	0.26	95.94
5.0-6.0	8.22	27.22	1.22	4.04	52.0-53.0	1.70	648.84	0.25	96.19
6.0-7.0	9.62	36.84	1.43	5.46	53.0-54.0	1.60	650.44	0.24	96.42
7.0-8.0	10.97	47.81	1.63	7.09	54.0-55.0	1.51	651.95	0.22	96.65
8.0-9.0	12.27	60.08	1.82	8.91	55.0-56.0	1.43	653.38	0.21	96.86
9.0-10.0	13.52	73.60	2.00	10.91	56.0-57.0	1.37	654.75	0.20	97.06
10.0-11.0	14.72	88.32	2.18	13.09	57.0-58.0	1.32	656.07	0.20	97.26
11.0-12.0	15.85	104.17	2.35	15.44	58.0-59.0	1.28	657.36	0.19	97.45
12.0-13.0	16.91	121.07	2.51	17.95	59.0-60.0	1.25	658.61	0.18	97.63
13.0-14.0	17.89	138.96	2.65	20.60	60.0-61.0	1.21	659.81	0.18	97.81
14.0-15.0	18.79	157.75	2.78	23.39	61.0-62.0	1.17	660.98	0.17	97.99
15.0-16.0	19.60	177.35	2.91	26.29	62.0-63.0	1.13	662.12	0.17	98.16
16.0-17.0	20.34	197.69	3.02	29.31	63.0-64.0	1.10	663.21	0.16	98.32
17.0-18.0	21.01	218.70	3.11	32.42	64.0-65.0	1.06	664.27	0.16	98.47
18.0-19.0	21.59	240.29	3.20	35.62	65.0-66.0	1.01	665.28	0.15	98.62
19.0-20.0	22.06	262.35	3.27	38.89	66.0-67.0	0.96	666.24	0.14	98.77
20.0-21.0	22.43	284.79	3.33	42.22	67.0-68.0	0.89	667.13	0.13	98.90
21.0-22.0	22.69	307.47	3.36	45.58	68.0-69.0	0.80	667.93	0.12	99.02
22.0-23.0	22.82	330.30	3.38	48.97	69.0-70.0	0.71	668.63	0.10	99.12
23.0-24.0	22.84	353.14	3.39	52.35	70.0-71.0	0.61	669.24	0.09	99.21
24.0-25.0	22.71	375.85	3.37	55.72	71.0-72.0	0.51	669.75	0.08	99.29
25.0-26.0	22.43	398.29	3.33	59.04	72.0-73.0	0.43	670.18	0.06	99.35
26.0-27.0	22.00	420.29	3.26	62.31	73.0-74.0	0.36	670.54	0.05	99.40
27.0-28.0	21.42	441.70	3.18	65.48	74.0-75.0	0.30	670.84	0.04	99.45
28.0-29.0	20.70	462.41	3.07	68.55	75.0-76.0	0.25	671.09	0.04	99.49
29.0-30.0	19.86	482.26	2.94	71.49	76.0-77.0	0.21	671.30	0.03	99.52
30.0-31.0	18.93	501.19	2.81	74.30	77.0-78.0	0.18	671.49	0.03	99.54
31.0-32.0	17.91	519.11	2.66	76.95	78.0-79.0	0.15	671.64	0.02	99.57
32.0-33.0	16.79	535.89	2.49	79.44	79.0-80.0	0.13	671.77	0.02	99.59
33.0-34.0	15.53	551.42	2.30	81.75	80.0-81.0	0.11	671.88	0.02	99.60
34.0-35.0	14.14	565.56	2.10	83.84	81.0-82.0	0.09	671.97	0.01	99.62
35.0-36.0	12.62	578.19	1.87	85.71	82.0-83.0	0.08	672.05	0.01	99.63
36.0-37.0	11.04	589.23	1.64	87.35	83.0-84.0	0.06	672.11	0.01	99.64
37.0-38.0	9.46	598.69	1.40	88.75	84.0-85.0	0.05	672.16	0.01	99.64
38.0-39.0	7.98	606.67	1.18	89.94	85.0-86.0	0.04	672.20	0.01	99.65
39.0-40.0	6.62	613.29	0.98	90.92	86.0-87.0	0.03	672.23	0.00	99.65
40.0-41.0	5.43	618.72	0.81	91.72	87.0-88.0	0.02	672.25	0.00	99.66
41.0-42.0	4.45	623.17	0.66	92.38	88.0-89.0	0.02	672.27	0.00	99.66
42.0-43.0	3.69	626.86	0.55	92.93	89.0-90.0	0.01	672.28	0.00	99.66
43.0-44.0	3.11	629.98	0.46	93.39	90.0-91.0	0.01	672.29	0.00	99.66
44.0-45.0	2.71	632.69	0.40	93.79	91.0-92.0	0.01	672.30	0.00	99.66
45.0-46.0	2.43	635.12	0.36	94.15	92.0-93.0	0.00	672.30	0.00	99.67
46.0-47.0	2.25	637.37	0.33	94.49	93.0-94.0	0.00	672.30	0.00	99.67

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	672.30	0.00	99.67	141.0-142.0	0.04	672.48	0.01	99.69
95.0-96.0	0.00	672.30	0.00	99.67	142.0-143.0	0.05	672.53	0.01	99.70
96.0-97.0	0.00	672.30	0.00	99.67	143.0-144.0	0.05	672.58	0.01	99.71
97.0-98.0	0.00	672.30	0.00	99.67	144.0-145.0	0.06	672.64	0.01	99.71
98.0-99.0	0.00	672.30	0.00	99.67	145.0-146.0	0.06	672.70	0.01	99.72
99.0-100.0	0.00	672.30	0.00	99.67	146.0-147.0	0.06	672.76	0.01	99.73
100.0-101.0	0.00	672.30	0.00	99.67	147.0-148.0	0.06	672.82	0.01	99.74
101.0-102.0	0.00	672.30	0.00	99.67	148.0-149.0	0.07	672.89	0.01	99.75
102.0-103.0	0.00	672.30	0.00	99.67	149.0-150.0	0.07	672.96	0.01	99.76
103.0-104.0	0.00	672.30	0.00	99.67	150.0-151.0	0.07	673.03	0.01	99.77
104.0-105.0	0.00	672.30	0.00	99.67	151.0-152.0	0.07	673.10	0.01	99.78
105.0-106.0	0.00	672.30	0.00	99.67	152.0-153.0	0.07	673.18	0.01	99.80
106.0-107.0	0.00	672.30	0.00	99.67	153.0-154.0	0.07	673.25	0.01	99.81
107.0-108.0	0.00	672.30	0.00	99.67	154.0-155.0	0.07	673.33	0.01	99.82
108.0-109.0	0.00	672.30	0.00	99.67	155.0-156.0	0.08	673.40	0.01	99.83
109.0-110.0	0.00	672.30	0.00	99.67	156.0-157.0	0.07	673.48	0.01	99.84
110.0-111.0	0.00	672.30	0.00	99.67	157.0-158.0	0.07	673.55	0.01	99.85
111.0-112.0	0.00	672.30	0.00	99.67	158.0-159.0	0.07	673.63	0.01	99.86
112.0-113.0	0.00	672.30	0.00	99.67	159.0-160.0	0.07	673.70	0.01	99.87
113.0-114.0	0.00	672.30	0.00	99.67	160.0-161.0	0.07	673.77	0.01	99.88
114.0-115.0	0.00	672.30	0.00	99.67	161.0-162.0	0.07	673.84	0.01	99.89
115.0-116.0	0.00	672.30	0.00	99.67	162.0-163.0	0.07	673.91	0.01	99.90
116.0-117.0	0.00	672.30	0.00	99.67	163.0-164.0	0.07	673.97	0.01	99.91
117.0-118.0	0.00	672.30	0.00	99.67	164.0-165.0	0.06	674.04	0.01	99.92
118.0-119.0	0.00	672.30	0.00	99.67	165.0-166.0	0.06	674.10	0.01	99.93
119.0-120.0	0.00	672.30	0.00	99.67	166.0-167.0	0.06	674.16	0.01	99.94
120.0-121.0	0.00	672.30	0.00	99.67	167.0-168.0	0.06	674.21	0.01	99.95
121.0-122.0	0.00	672.30	0.00	99.67	168.0-169.0	0.05	674.26	0.01	99.96
122.0-123.0	0.00	672.30	0.00	99.67	169.0-170.0	0.05	674.31	0.01	99.96
123.0-124.0	0.00	672.30	0.00	99.67	170.0-171.0	0.04	674.36	0.01	99.97
124.0-125.0	0.00	672.30	0.00	99.67	171.0-172.0	0.04	674.40	0.01	99.98
125.0-126.0	0.00	672.30	0.00	99.67	172.0-173.0	0.04	674.43	0.01	99.98
126.0-127.0	0.00	672.30	0.00	99.67	173.0-174.0	0.03	674.46	0.00	99.99
127.0-128.0	0.00	672.30	0.00	99.67	174.0-175.0	0.03	674.49	0.00	99.99
128.0-129.0	0.00	672.30	0.00	99.67	175.0-176.0	0.02	674.51	0.00	99.99
129.0-130.0	0.00	672.30	0.00	99.67	176.0-177.0	0.02	674.53	0.00	100.00
130.0-131.0	0.00	672.30	0.00	99.67	177.0-178.0	0.01	674.54	0.00	100.00
131.0-132.0	0.00	672.30	0.00	99.67	178.0-179.0	0.01	674.55	0.00	100.00
132.0-133.0	0.00	672.30	0.00	99.67	179.0-180.0	0.00	674.56	0.00	100.00
133.0-134.0	0.00	672.30	0.00	99.67					
134.0-135.0	0.00	672.31	0.00	99.67					
135.0-136.0	0.01	672.31	0.00	99.67					
136.0-137.0	0.01	672.33	0.00	99.67					
137.0-138.0	0.02	672.35	0.00	99.67					
138.0-139.0	0.03	672.37	0.00	99.68					
139.0-140.0	0.03	672.41	0.00	99.68					
140.0-141.0	0.04	672.44	0.01	99.69					

Rectangle ISO Lighting Intensity Diagram

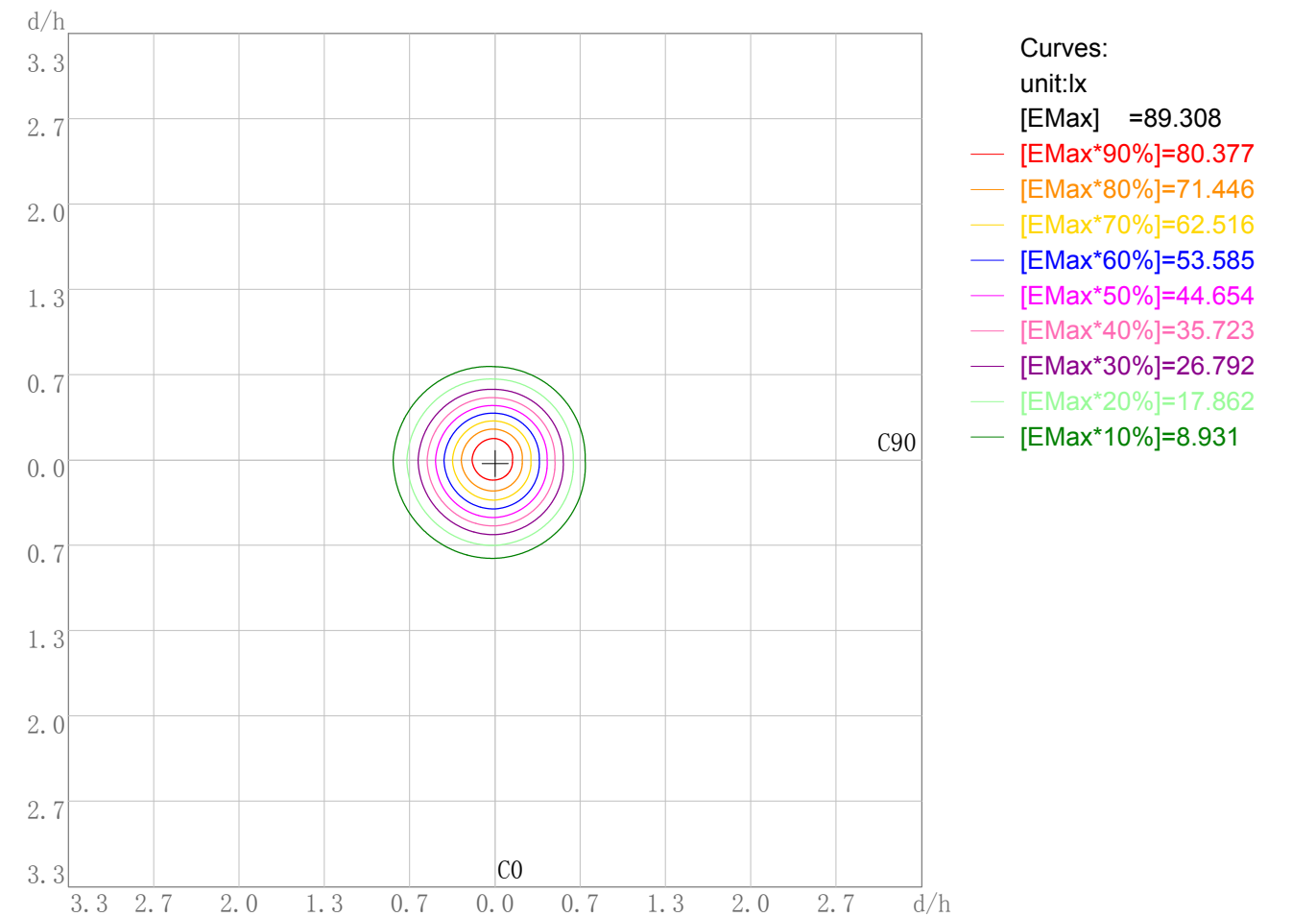
Lum. Name: DL52-09-XX-04 2700K RA90 60D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/11/16



Plane ISO-Illuminance Diagram

Lum. Name: DL52-09-XX-04 2700K RA90 60D	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: 2021/11/16

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 89.31

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

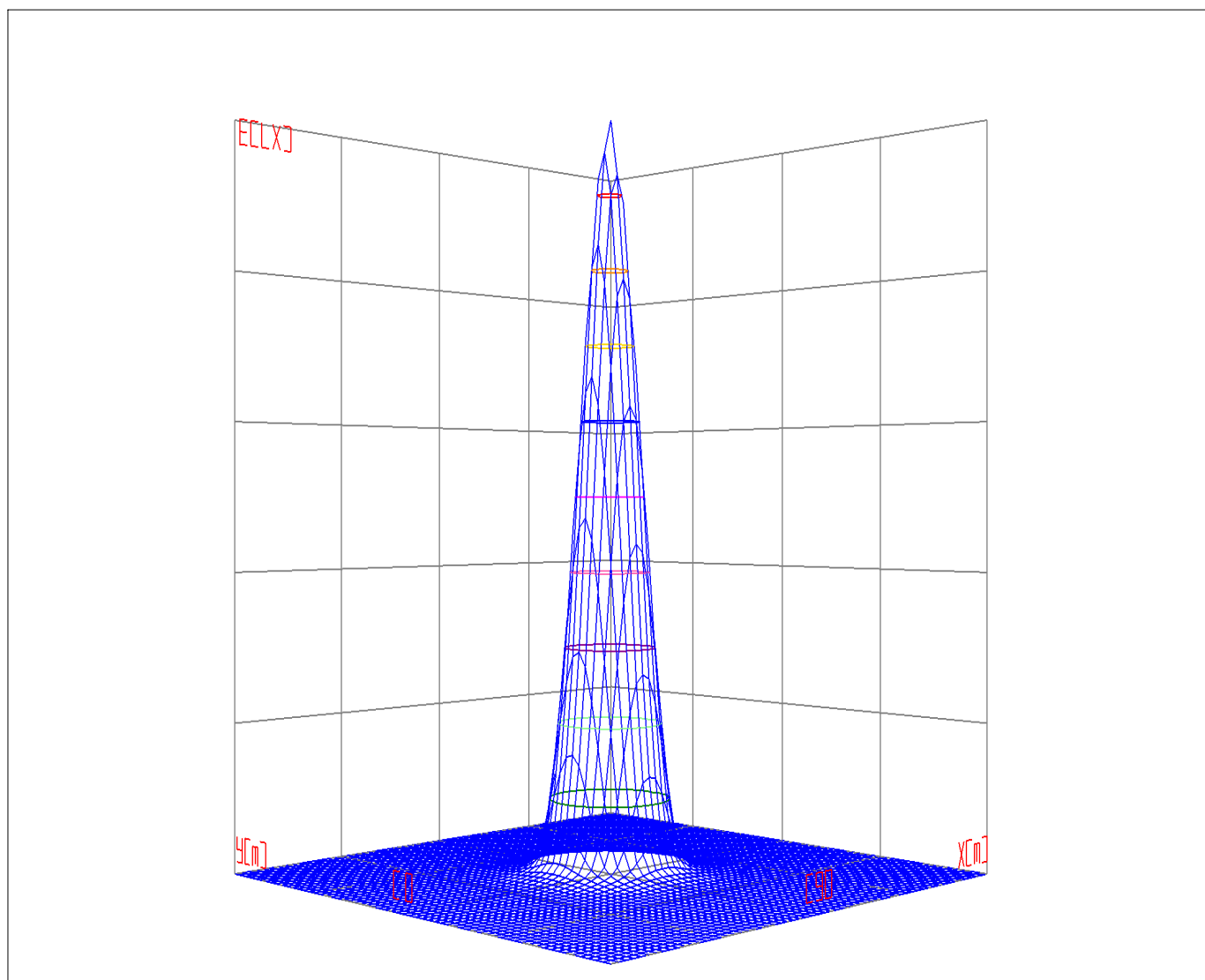
## IES Indoor Report

Photometric Filename:DL52-09-XX-04 2700K RA90 60D.IES

### 3D Plane ISO Illuminance Diagram

Lum. Name: DL52-09-XX-04 2700K RA90 60D	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: 2021/11/16

### 3D Plane Illuminance Modal



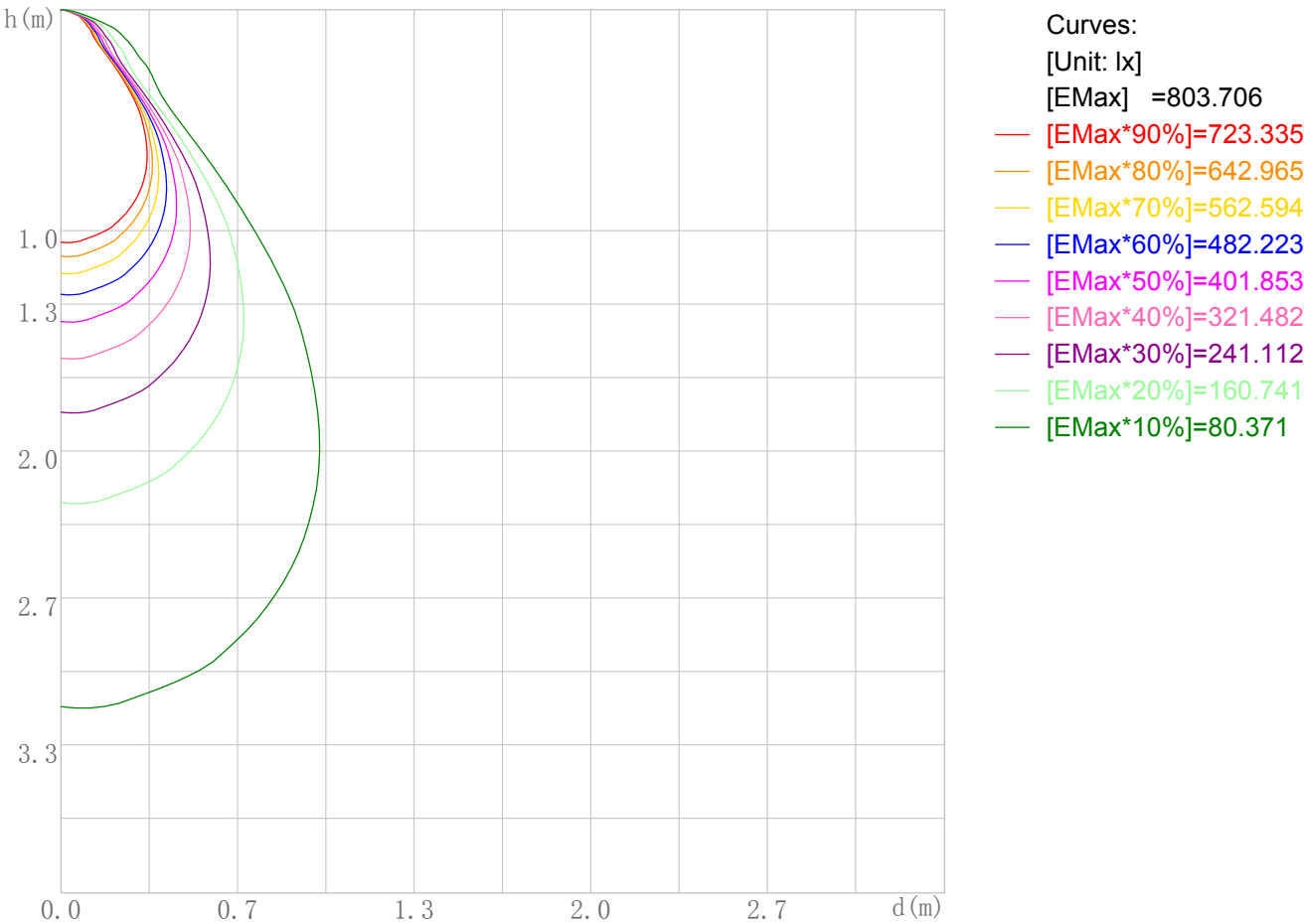
Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name: DL52-09-XX-04 2700K RA90 60D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/11/16

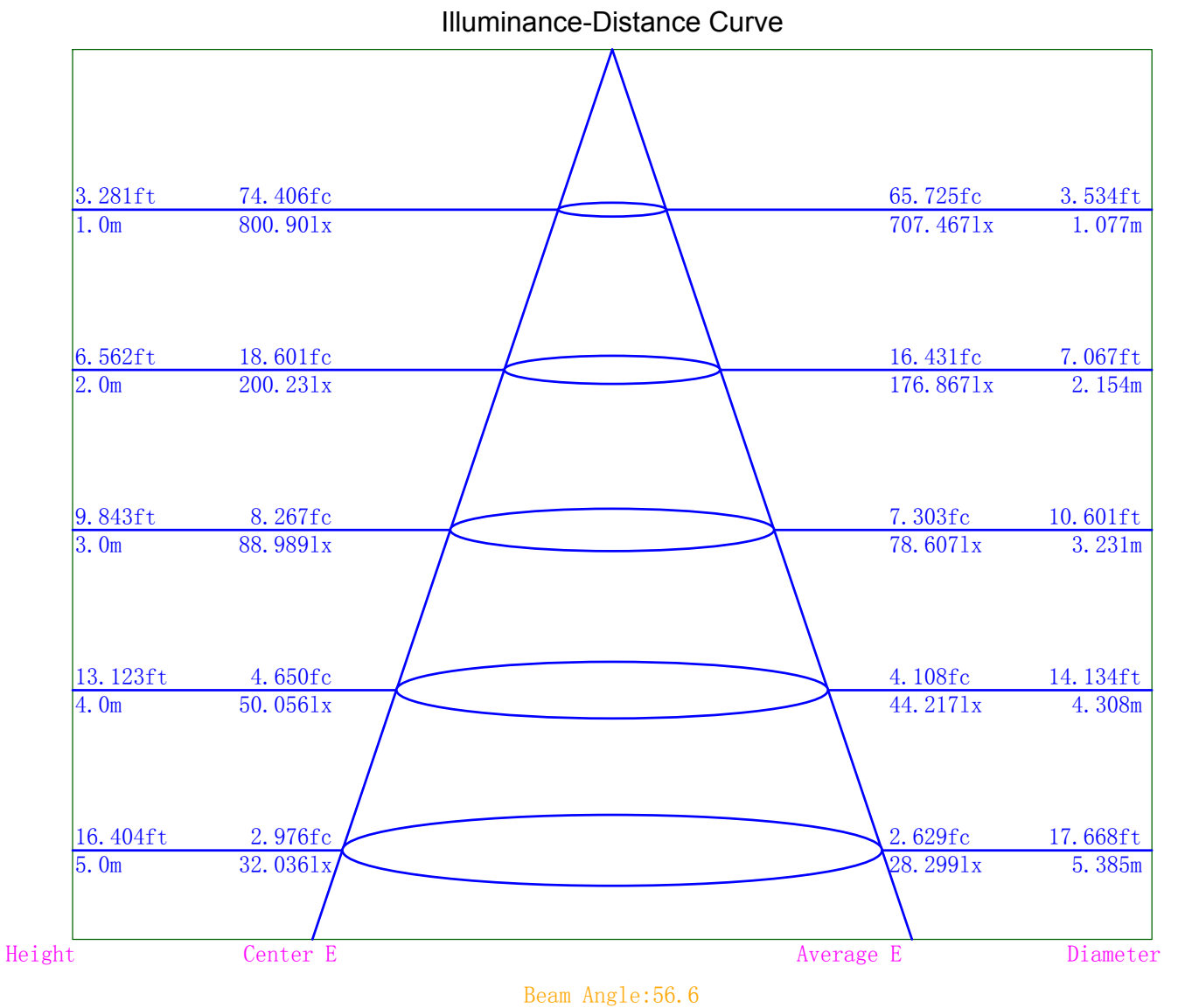
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:803.71lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:805.127cd,0deg

Illuminance-Distance Diagram

Lum. Name: DL52-09-XX-04 2700K RA90 60D	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: 2021/11/16



Indoor Luminance Limiting Curves

Lum. Name: DL52-09-XX-04 2700K RA90 60D	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: 2021/11/16

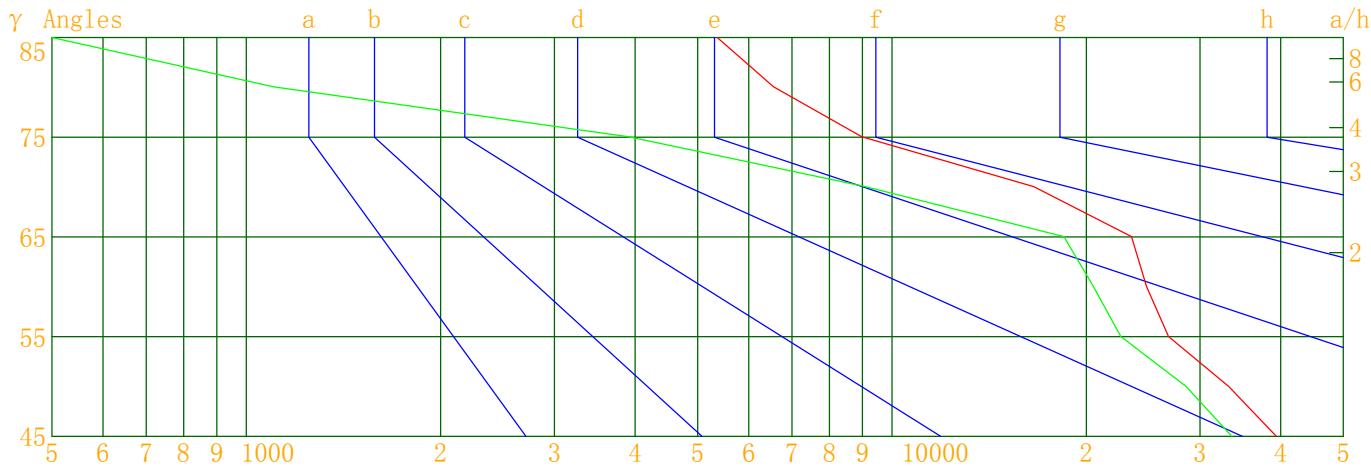
Glare Grade Table

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	39388	33232	26799	24784	23499	16585	8980	6555	5362
C90	33607	28546	22615	20513	18465	9103	3908	1102	0

Luminance Limiting Curve



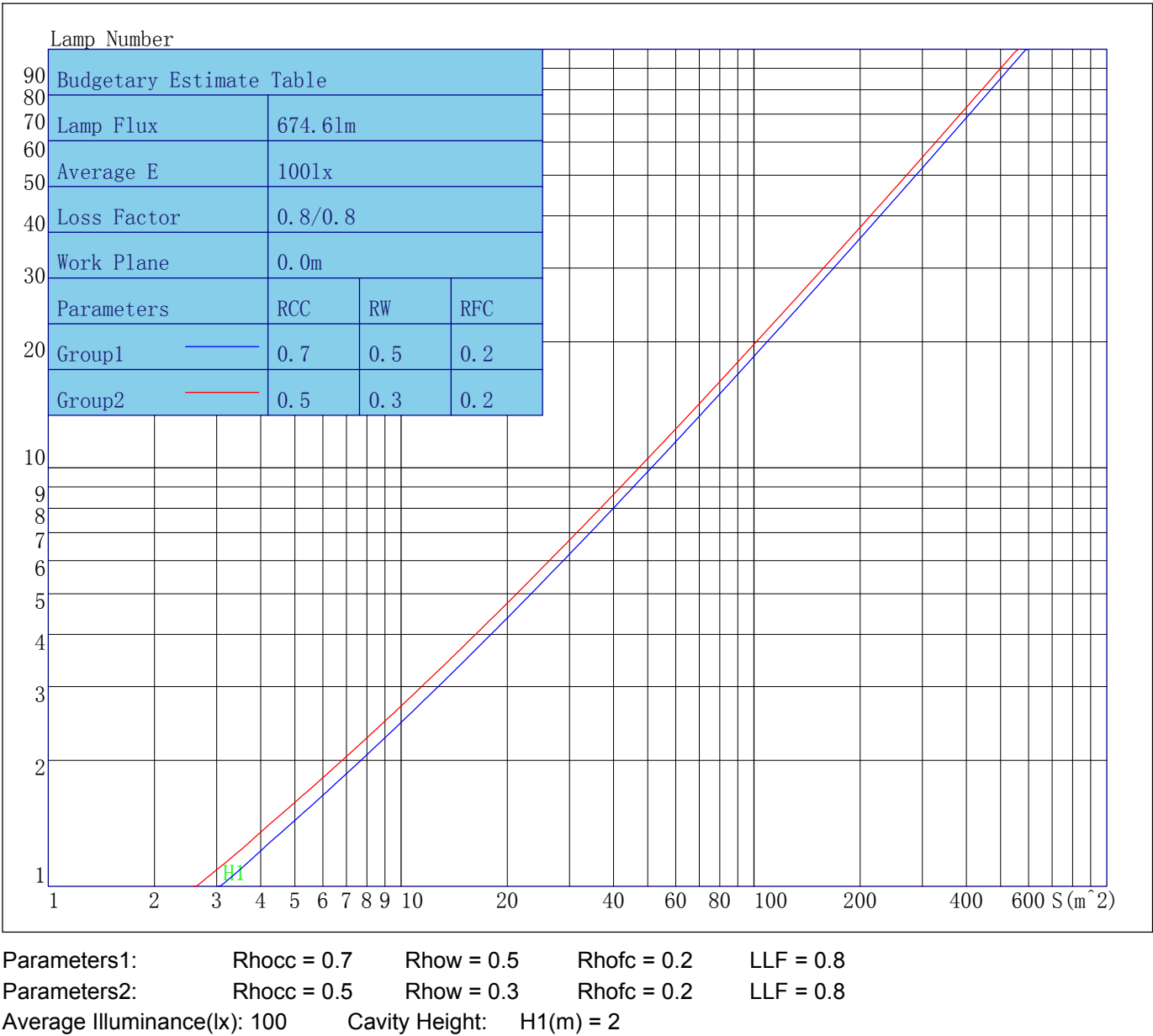
Luminous Size: Length(m)=-0.038 Width(m)=-0.038 Height(m)=0.000 Area(m^2)=0.001134

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: DL52-09-XX-04 2700K RA90 60D	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: 2021/11/16



Indoor Coefficient of Utilization Table

Lum. Name: DL52-09-XX-04 2700K RA90 60D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/11/16

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	108	103	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74
5	92	83	78	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69
6	87	78	72	68	86	77	72	68	76	71	67	74	70	67	73	69	66	65
7	83	74	68	63	82	73	67	63	72	67	63	70	66	62	69	65	62	61
8	79	69	63	59	78	69	63	59	68	63	59	67	62	59	66	61	58	57
9	75	66	60	56	74	65	59	56	64	59	55	63	59	55	62	58	55	54
10	72	62	56	52	71	62	56	52	61	56	52	60	55	52	59	55	52	51

Unified Glare Rating Table

Lum. Name: DL52-09-XX-04 2700K RA90 60D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/11/16

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 Y=3H Y=4H Y=6H Y=8H Y=12H	22.5	23.5	22.8	23.8	24.1	21.4	22.4	21.8	22.8	23.1
	22.6	23.5	23.0	23.9	24.2	21.5	22.4	21.9	22.7	23.1
	22.6	23.4	23.0	23.8	24.2	21.4	22.2	21.8	22.6	23.0
	22.5	23.3	22.9	23.7	24.1	21.3	22.1	21.7	22.4	22.9
	22.5	23.2	22.9	23.6	24.0	21.2	22.0	21.7	22.4	22.8
	22.4	23.1	22.9	23.5	23.9	21.2	21.9	21.6	22.3	22.7
X=4H    Y=2H Y=3H Y=4H Y=6H Y=8H Y=12H	22.4	23.2	22.8	23.6	24.0	21.4	22.2	21.8	22.6	23.0
	22.6	23.3	23.0	23.7	24.1	21.5	22.2	21.9	22.6	23.0
	22.6	23.2	23.0	23.6	24.1	21.4	22.0	21.8	22.4	22.9
	22.5	23.1	23.0	23.5	24.0	21.3	21.8	21.8	22.3	22.7
	22.5	23.0	23.0	23.4	23.9	21.2	21.7	21.7	22.2	22.6
	22.4	22.9	22.9	23.4	23.8	21.1	21.6	21.6	22.1	22.6
X=8H    Y=4H Y=6H Y=8H Y=12H	22.5	23.0	23.0	23.4	23.9	21.2	21.7	21.7	22.2	22.7
	22.4	22.8	22.9	23.3	23.9	21.1	21.5	21.6	22.0	22.6
	22.4	22.7	22.9	23.3	23.8	21.1	21.4	21.6	21.9	22.4
	22.3	22.7	22.9	23.2	23.7	21.0	21.3	21.5	21.8	22.4
X=12H    Y=4H Y=6H Y=8H	22.4	22.8	22.9	23.3	23.8	21.2	21.6	21.7	22.1	22.6
	22.4	22.7	22.9	23.2	23.8	21.1	21.4	21.6	21.9	22.5
	22.3	22.6	22.9	23.2	23.7	21.0	21.3	21.5	21.8	22.4
Variations with the objerver position at spacings										
S=1.0H	0.6/-0.7					1.5/-1.9				
S=1.5H	1.7/-1.7					2.6/-3.5				
S=2.0H	2.9/-3.9					4.3/-7.1				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.5					0.3				

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

IES Indoor Report

Photometric Filename:DL52-09-XX-04 2700K RA90 60D.IES

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Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	800.90	800.90	800.90	800.90
γ 1.0	804.07	797.68	800.53	800.06
γ 2.0	805.13	795.11	798.25	801.16
γ 3.0	803.53	789.41	795.33	800.88
γ 4.0	798.61	779.87	792.16	800.21
γ 5.0	790.25	768.01	787.06	798.91
γ 6.0	782.36	758.49	778.57	795.72
γ 7.0	775.36	749.69	767.33	791.81
γ 8.0	767.99	740.08	756.65	782.52
γ 9.0	760.21	729.95	747.40	771.33
γ 10.0	751.55	717.94	737.76	760.70
γ 11.0	740.95	701.25	729.34	752.64
γ 12.0	725.23	685.55	719.79	743.86
γ 13.0	710.04	671.40	706.75	735.34
γ 14.0	695.23	656.57	691.14	724.06
γ 15.0	679.55	640.50	677.18	709.38
γ 16.0	662.09	623.41	663.90	694.25
γ 17.0	644.26	606.68	650.74	679.92
γ 18.0	625.84	588.89	635.77	665.47
γ 19.0	606.34	571.27	619.54	650.15
γ 20.0	586.00	551.64	604.11	632.65
γ 21.0	564.43	530.60	587.41	616.26
γ 22.0	541.55	507.63	569.68	598.41
γ 23.0	518.36	484.78	551.18	579.42
γ 24.0	494.82	459.58	530.96	559.67
γ 25.0	469.53	433.00	509.06	539.23
γ 26.0	443.08	405.21	485.54	516.98
γ 27.0	415.62	377.03	460.51	492.60
γ 28.0	387.59	350.00	434.03	466.54
γ 29.0	358.31	322.39	406.59	439.55
γ 30.0	329.91	295.32	377.92	412.13
γ 31.0	302.17	269.53	349.02	384.70
γ 32.0	276.32	240.69	321.32	357.37
γ 33.0	249.10	209.36	294.98	329.99
γ 34.0	218.50	178.58	268.89	303.40
γ 35.0	187.24	149.98	237.65	277.13
γ 36.0	156.72	122.65	205.47	249.09
γ 37.0	129.20	99.13	174.33	216.96
γ 38.0	105.69	79.21	145.10	184.56
γ 39.0	84.88	62.70	117.80	155.07
γ 40.0	67.51	50.04	94.56	126.59
γ 41.0	54.09	40.99	74.74	101.63
γ 42.0	44.61	35.01	58.36	80.99
γ 43.0	38.32	31.14	45.97	63.94
γ 44.0	34.26	28.67	37.23	50.59
γ 45.0	31.59	26.95	31.57	41.04
γ 46.0	29.58	25.50	28.05	34.64

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	27.98	24.25	25.75	30.57
γ 48.0	26.65	23.17	24.08	27.88
γ 49.0	25.39	22.07	22.73	26.01
γ 50.0	24.23	20.81	21.58	24.60
γ 51.0	23.09	18.97	20.52	23.42
γ 52.0	21.78	16.99	19.45	22.35
γ 53.0	19.92	16.06	18.00	21.35
γ 54.0	18.33	15.35	15.99	20.30
γ 55.0	17.43	14.71	14.39	18.77
γ 56.0	16.68	14.15	13.73	16.83
γ 57.0	16.02	13.57	13.18	15.73
γ 58.0	15.40	12.89	12.75	15.05
γ 59.0	14.76	12.23	12.36	14.50
γ 60.0	14.05	11.63	11.93	14.06
γ 61.0	13.43	11.05	11.45	13.63
γ 62.0	12.85	10.55	11.01	13.14
γ 63.0	12.26	10.08	10.60	12.66
γ 64.0	11.75	9.52	10.23	12.21
γ 65.0	11.26	8.85	9.89	11.76
γ 66.0	10.68	7.92	9.51	11.35
γ 67.0	9.97	6.67	9.02	11.00
γ 68.0	8.91	5.46	8.39	10.59
γ 69.0	7.63	4.40	7.38	10.05
γ 70.0	6.43	3.53	6.21	9.32
γ 71.0	5.36	2.81	5.17	8.19
γ 72.0	4.44	2.22	4.24	7.02
γ 73.0	3.70	1.76	3.46	5.97
γ 74.0	3.09	1.42	2.83	5.03
γ 75.0	2.64	1.15	2.30	4.23
γ 76.0	2.27	0.91	1.91	3.57
γ 77.0	1.98	0.71	1.59	3.03
γ 78.0	1.72	0.52	1.33	2.62
γ 79.0	1.49	0.37	1.11	2.28
γ 80.0	1.29	0.22	0.90	2.01
γ 81.0	1.11	0.09	0.71	1.76
γ 82.0	0.94	0.00	0.54	1.53
γ 83.0	0.79	0.00	0.40	1.33
γ 84.0	0.66	0.00	0.25	1.14
γ 85.0	0.53	0.00	0.13	0.98
γ 86.0	0.42	0.00	0.03	0.82
γ 87.0	0.32	0.00	0.00	0.68
γ 88.0	0.22	0.00	0.00	0.56
γ 89.0	0.14	0.00	0.00	0.43
γ 90.0	0.06	0.00	0.00	0.34
γ 91.0	0.00	0.00	0.00	0.24
γ 92.0	0.00	0.00	0.00	0.16
γ 93.0	0.00	0.00	0.00	0.08

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# IES Indoor Report

Photometric Filename:DL52-09-XX-04 2700K RA90 60D.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00
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	0.00
γ 134.0	0.05	0.00	0.00	0.00
γ 135.0	0.12	0.01	0.07	0.06
γ 136.0	0.21	0.09	0.16	0.14
γ 137.0	0.29	0.18	0.25	0.21
γ 138.0	0.37	0.27	0.33	0.28
γ 139.0	0.44	0.36	0.41	0.36
γ 140.0	0.53	0.44	0.52	0.44

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.62	0.53	0.59	0.52
γ 142.0	0.70	0.61	0.69	0.61
γ 143.0	0.78	0.71	0.78	0.70
γ 144.0	0.87	0.80	0.86	0.77
γ 145.0	0.95	0.86	0.94	0.87
γ 146.0	1.04	0.94	1.04	0.94
γ 147.0	1.10	1.03	1.12	1.02
γ 148.0	1.18	1.10	1.19	1.09
γ 149.0	1.25	1.17	1.27	1.17
γ 150.0	1.32	1.24	1.34	1.24
γ 151.0	1.38	1.32	1.42	1.32
γ 152.0	1.45	1.37	1.48	1.39
γ 153.0	1.51	1.44	1.55	1.45
γ 154.0	1.58	1.51	1.61	1.52
γ 155.0	1.64	1.56	1.68	1.60
γ 156.0	1.70	1.62	1.75	1.65
γ 157.0	1.76	1.69	1.81	1.71
γ 158.0	1.81	1.75	1.87	1.78
γ 159.0	1.89	1.80	1.92	1.84
γ 160.0	1.94	1.86	1.98	1.89
γ 161.0	2.01	1.93	2.05	1.96
γ 162.0	2.05	1.99	2.10	2.01
γ 163.0	2.12	2.04	2.15	2.07
γ 164.0	2.17	2.09	2.20	2.11
γ 165.0	2.22	2.15	2.25	2.18
γ 166.0	2.27	2.19	2.30	2.23
γ 167.0	2.31	2.25	2.35	2.28
γ 168.0	2.38	2.29	2.39	2.33
γ 169.0	2.42	2.34	2.44	2.37
γ 170.0	2.46	2.38	2.48	2.42
γ 171.0	2.49	2.43	2.52	2.46
γ 172.0	2.53	2.46	2.56	2.51
γ 173.0	2.57	2.51	2.59	2.55
γ 174.0	2.60	2.53	2.62	2.58
γ 175.0	2.63	2.56	2.66	2.61
γ 176.0	2.66	2.59	2.67	2.65
γ 177.0	2.68	2.61	2.70	2.66
γ 178.0	2.70	2.63	2.72	2.70
γ 179.0	2.71	2.65	2.72	2.71
γ 180.0	2.71	2.71	2.71	2.71