

IES Indoor Report

Photometric Filename:DL44-10-XX-12 3000K RA80 40D.IES

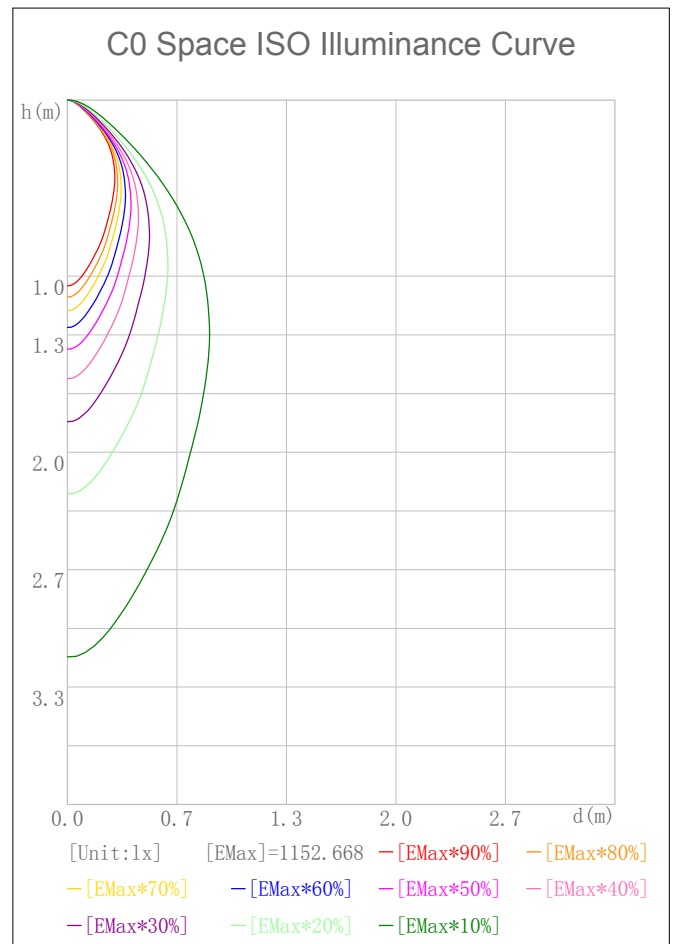
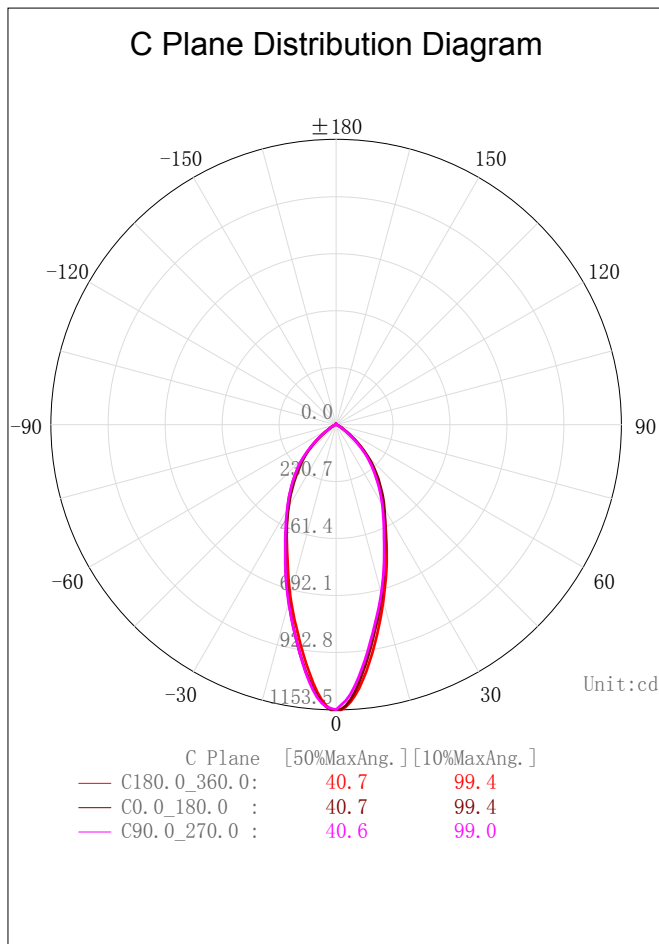
Indoor Luminaire Photometric Data

Description Information

Luminary Name: DL44-10-XX-12 3000K RA80 40D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2021/01/06
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):0.000m*0.000m*0.000m		Lum. Area (m2):0.000	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%):

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 923.270	Luminary Flux(lm): 923.273	Field Angle(10%Imax): 99.4(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 919.257lm 99.56%	
Rated Voltage(V):	Luminary EER(lm/W): 91.323	Up Lumens&Percent: 4.016lm 0.44%	
Tested Power(W): 10.110	Max. Candela(cd): 1153.513	S/MH: C0_a180=0.619 C90_270=0.619	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.2, 0.045, 0.914	Beam Angle(50%Imax): 40.7(°)	ErP φ use(90°): 781.394lm	
Lamp Size (W*L*H):0.000m*0.000m*0.000m	Left=-19.9°, Right=20.8°	IRF(%): 282.992	



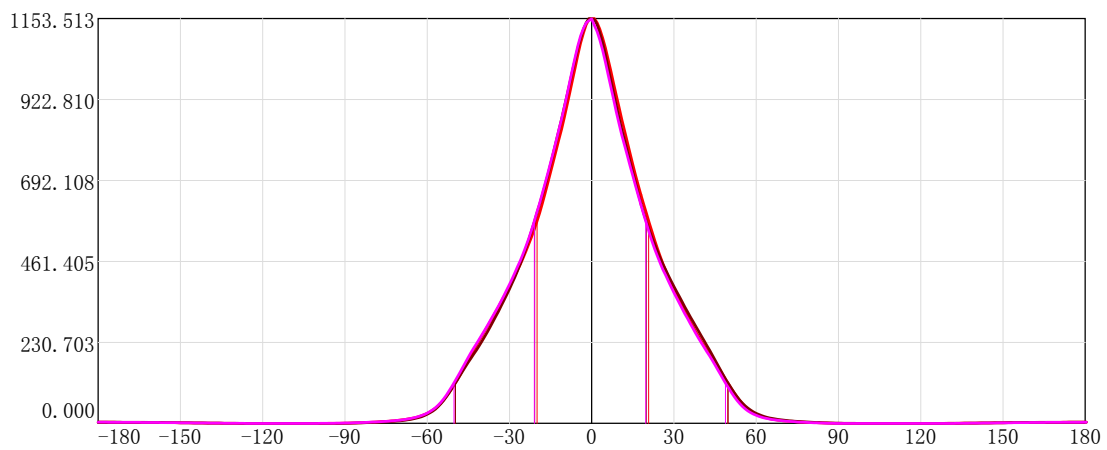
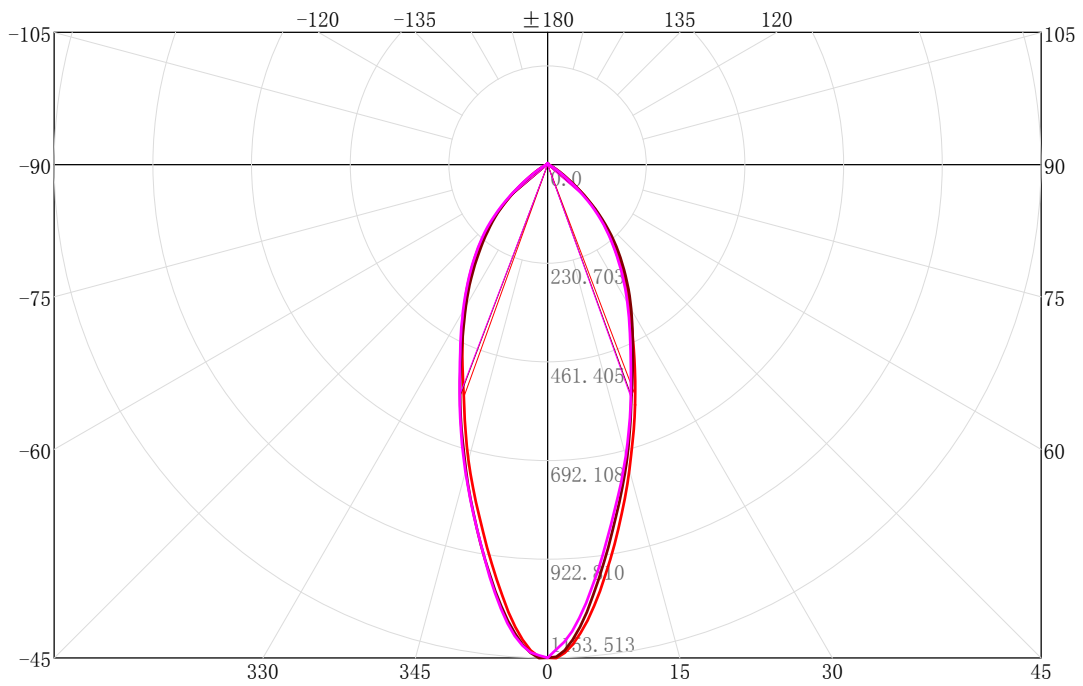
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2D Plane Light Intensity Distribution Curve

Lum. Name: DL44-10-XX-12 3000K RA80 40D	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: 2021/01/06

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
C180.0_360.0 :	40.7	99.4	
C0.0_180.0 :	40.7	99.4	
C90.0_270.0 :	40.6	99.0	

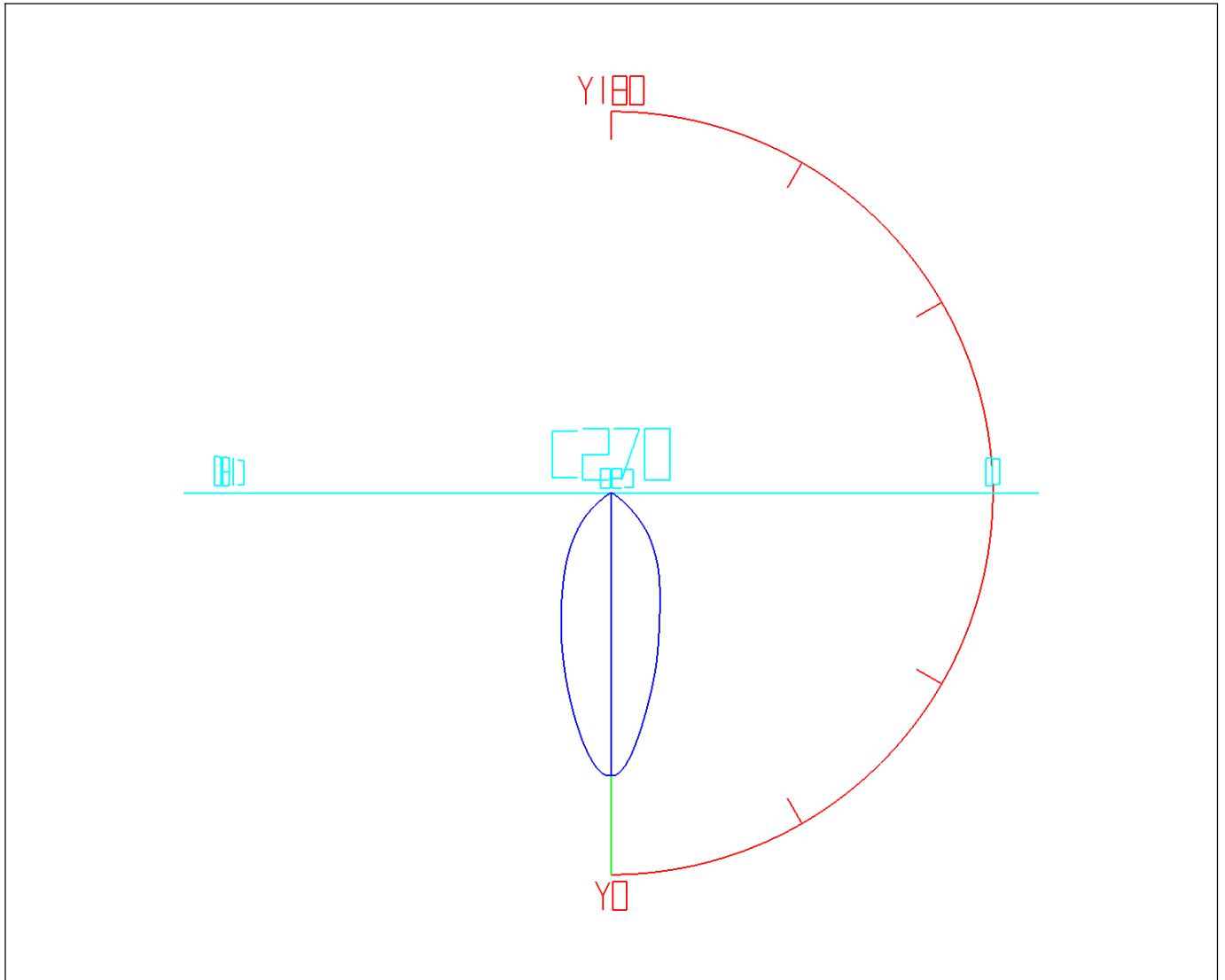
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3D Light Intensity Distribution Modal

Lum. Name: DL44-10-XX-12 3000K RA80 40D	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: 2021/01/06

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	1.10	1.10	0.12	0.12	47.0-48.0	11.60	823.08	1.26	89.15
1.0-2.0	3.27	4.37	0.35	0.47	48.0-49.0	10.68	833.75	1.16	90.30
2.0-3.0	5.37	9.75	0.58	1.06	49.0-50.0	9.73	843.49	1.05	91.36
3.0-4.0	7.37	17.11	0.80	1.85	50.0-51.0	8.78	852.27	0.95	92.31
4.0-5.0	9.22	26.33	1.00	2.85	51.0-52.0	7.86	860.13	0.85	93.16
5.0-6.0	10.92	37.26	1.18	4.04	52.0-53.0	6.97	867.10	0.75	93.92
6.0-7.0	12.47	49.73	1.35	5.39	53.0-54.0	6.13	873.22	0.66	94.58
7.0-8.0	13.88	63.60	1.50	6.89	54.0-55.0	5.36	878.58	0.58	95.16
8.0-9.0	15.14	78.74	1.64	8.53	55.0-56.0	4.67	883.26	0.51	95.67
9.0-10.0	16.27	95.00	1.76	10.29	56.0-57.0	4.07	887.32	0.44	96.11
10.0-11.0	17.28	112.29	1.87	12.16	57.0-58.0	3.54	890.87	0.38	96.49
11.0-12.0	18.20	130.49	1.97	14.13	58.0-59.0	3.10	893.96	0.34	96.83
12.0-13.0	19.01	149.50	2.06	16.19	59.0-60.0	2.71	896.68	0.29	97.12
13.0-14.0	19.72	169.22	2.14	18.33	60.0-61.0	2.39	899.07	0.26	97.38
14.0-15.0	20.32	189.54	2.20	20.53	61.0-62.0	2.11	901.18	0.23	97.61
15.0-16.0	20.82	210.36	2.25	22.78	62.0-63.0	1.88	903.06	0.20	97.81
16.0-17.0	21.21	231.57	2.30	25.08	63.0-64.0	1.67	904.73	0.18	97.99
17.0-18.0	21.53	253.10	2.33	27.41	64.0-65.0	1.50	906.23	0.16	98.15
18.0-19.0	21.76	274.86	2.36	29.77	65.0-66.0	1.34	907.57	0.15	98.30
19.0-20.0	21.91	296.76	2.37	32.14	66.0-67.0	1.21	908.78	0.13	98.43
20.0-21.0	21.98	318.75	2.38	34.52	67.0-68.0	1.10	909.88	0.12	98.55
21.0-22.0	22.01	340.76	2.38	36.91	68.0-69.0	0.99	910.87	0.11	98.66
22.0-23.0	22.02	362.78	2.38	39.29	69.0-70.0	0.90	911.78	0.10	98.76
23.0-24.0	21.99	384.77	2.38	41.67	70.0-71.0	0.82	912.60	0.09	98.84
24.0-25.0	21.93	406.70	2.38	44.05	71.0-72.0	0.75	913.35	0.08	98.93
25.0-26.0	21.84	428.54	2.37	46.42	72.0-73.0	0.68	914.03	0.07	99.00
26.0-27.0	21.73	450.26	2.35	48.77	73.0-74.0	0.62	914.65	0.07	99.07
27.0-28.0	21.59	471.86	2.34	51.11	74.0-75.0	0.57	915.22	0.06	99.13
28.0-29.0	21.43	493.28	2.32	53.43	75.0-76.0	0.52	915.75	0.06	99.18
29.0-30.0	21.23	514.52	2.30	55.73	76.0-77.0	0.47	916.22	0.05	99.24
30.0-31.0	21.01	535.53	2.28	58.00	77.0-78.0	0.43	916.65	0.05	99.28
31.0-32.0	20.76	556.29	2.25	60.25	78.0-79.0	0.39	917.04	0.04	99.33
32.0-33.0	20.46	576.75	2.22	62.47	79.0-80.0	0.35	917.40	0.04	99.36
33.0-34.0	20.10	596.85	2.18	64.65	80.0-81.0	0.32	917.72	0.03	99.40
34.0-35.0	19.71	616.56	2.13	66.78	81.0-82.0	0.29	918.00	0.03	99.43
35.0-36.0	19.28	635.84	2.09	68.87	82.0-83.0	0.25	918.26	0.03	99.46
36.0-37.0	18.83	654.68	2.04	70.91	83.0-84.0	0.22	918.48	0.02	99.48
37.0-38.0	18.35	673.03	1.99	72.90	84.0-85.0	0.19	918.67	0.02	99.50
38.0-39.0	17.84	690.87	1.93	74.83	85.0-86.0	0.17	918.84	0.02	99.52
39.0-40.0	17.31	708.19	1.88	76.70	86.0-87.0	0.14	918.98	0.02	99.53
40.0-41.0	16.76	724.94	1.81	78.52	87.0-88.0	0.11	919.09	0.01	99.55
41.0-42.0	16.16	741.11	1.75	80.27	88.0-89.0	0.09	919.18	0.01	99.56
42.0-43.0	15.53	756.64	1.68	81.95	89.0-90.0	0.07	919.26	0.01	99.57
43.0-44.0	14.86	771.51	1.61	83.56	90.0-91.0	0.06	919.32	0.01	99.57
44.0-45.0	14.13	785.64	1.53	85.09	91.0-92.0	0.05	919.36	0.01	99.58
45.0-46.0	13.34	798.98	1.45	86.54	92.0-93.0	0.04	919.40	0.00	99.58
46.0-47.0	12.50	811.47	1.35	87.89	93.0-94.0	0.03	919.44	0.00	99.58

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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	0.03	919.47	0.00	99.59	141.0-142.0	0.08	920.26	0.01	99.67
95.0-96.0	0.02	919.49	0.00	99.59	142.0-143.0	0.08	920.35	0.01	99.68
96.0-97.0	0.02	919.51	0.00	99.59	143.0-144.0	0.09	920.43	0.01	99.69
97.0-98.0	0.01	919.52	0.00	99.59	144.0-145.0	0.09	920.53	0.01	99.70
98.0-99.0	0.01	919.53	0.00	99.60	145.0-146.0	0.10	920.62	0.01	99.71
99.0-100.0	0.01	919.54	0.00	99.60	146.0-147.0	0.10	920.72	0.01	99.72
100.0-101.0	0.00	919.54	0.00	99.60	147.0-148.0	0.10	920.82	0.01	99.73
101.0-102.0	0.00	919.55	0.00	99.60	148.0-149.0	0.10	920.93	0.01	99.75
102.0-103.0	0.00	919.55	0.00	99.60	149.0-150.0	0.11	921.03	0.01	99.76
103.0-104.0	0.00	919.55	0.00	99.60	150.0-151.0	0.11	921.14	0.01	99.77
104.0-105.0	0.00	919.55	0.00	99.60	151.0-152.0	0.11	921.24	0.01	99.78
105.0-106.0	0.00	919.55	0.00	99.60	152.0-153.0	0.11	921.35	0.01	99.79
106.0-107.0	0.00	919.55	0.00	99.60	153.0-154.0	0.11	921.46	0.01	99.80
107.0-108.0	0.00	919.55	0.00	99.60	154.0-155.0	0.11	921.57	0.01	99.82
108.0-109.0	0.00	919.55	0.00	99.60	155.0-156.0	0.11	921.68	0.01	99.83
109.0-110.0	0.00	919.55	0.00	99.60	156.0-157.0	0.11	921.79	0.01	99.84
110.0-111.0	0.00	919.55	0.00	99.60	157.0-158.0	0.11	921.89	0.01	99.85
111.0-112.0	0.00	919.55	0.00	99.60	158.0-159.0	0.11	922.00	0.01	99.86
112.0-113.0	0.00	919.55	0.00	99.60	159.0-160.0	0.10	922.10	0.01	99.87
113.0-114.0	0.00	919.55	0.00	99.60	160.0-161.0	0.10	922.20	0.01	99.88
114.0-115.0	0.00	919.55	0.00	99.60	161.0-162.0	0.10	922.30	0.01	99.90
115.0-116.0	0.00	919.55	0.00	99.60	162.0-163.0	0.10	922.40	0.01	99.91
116.0-117.0	0.00	919.55	0.00	99.60	163.0-164.0	0.09	922.49	0.01	99.92
117.0-118.0	0.00	919.55	0.00	99.60	164.0-165.0	0.09	922.58	0.01	99.93
118.0-119.0	0.00	919.55	0.00	99.60	165.0-166.0	0.08	922.66	0.01	99.93
119.0-120.0	0.00	919.55	0.00	99.60	166.0-167.0	0.08	922.74	0.01	99.94
120.0-121.0	0.00	919.55	0.00	99.60	167.0-168.0	0.07	922.82	0.01	99.95
121.0-122.0	0.00	919.55	0.00	99.60	168.0-169.0	0.07	922.89	0.01	99.96
122.0-123.0	0.00	919.55	0.00	99.60	169.0-170.0	0.06	922.95	0.01	99.97
123.0-124.0	0.00	919.55	0.00	99.60	170.0-171.0	0.06	923.01	0.01	99.97
124.0-125.0	0.00	919.56	0.00	99.60	171.0-172.0	0.05	923.07	0.01	99.98
125.0-126.0	0.00	919.56	0.00	99.60	172.0-173.0	0.05	923.11	0.01	99.98
126.0-127.0	0.01	919.57	0.00	99.60	173.0-174.0	0.04	923.16	0.00	99.99
127.0-128.0	0.01	919.58	0.00	99.60	174.0-175.0	0.04	923.19	0.00	99.99
128.0-129.0	0.02	919.60	0.00	99.60	175.0-176.0	0.03	923.22	0.00	99.99
129.0-130.0	0.02	919.62	0.00	99.60	176.0-177.0	0.02	923.24	0.00	100.00
130.0-131.0	0.03	919.64	0.00	99.61	177.0-178.0	0.02	923.26	0.00	100.00
131.0-132.0	0.03	919.67	0.00	99.61	178.0-179.0	0.01	923.27	0.00	100.00
132.0-133.0	0.04	919.71	0.00	99.61	179.0-180.0	0.00	923.27	0.00	100.00
133.0-134.0	0.04	919.75	0.00	99.62					
134.0-135.0	0.05	919.80	0.01	99.62					
135.0-136.0	0.05	919.85	0.01	99.63					
136.0-137.0	0.06	919.90	0.01	99.64					
137.0-138.0	0.06	919.97	0.01	99.64					
138.0-139.0	0.07	920.03	0.01	99.65					
139.0-140.0	0.07	920.10	0.01	99.66					
140.0-141.0	0.08	920.18	0.01	99.67					

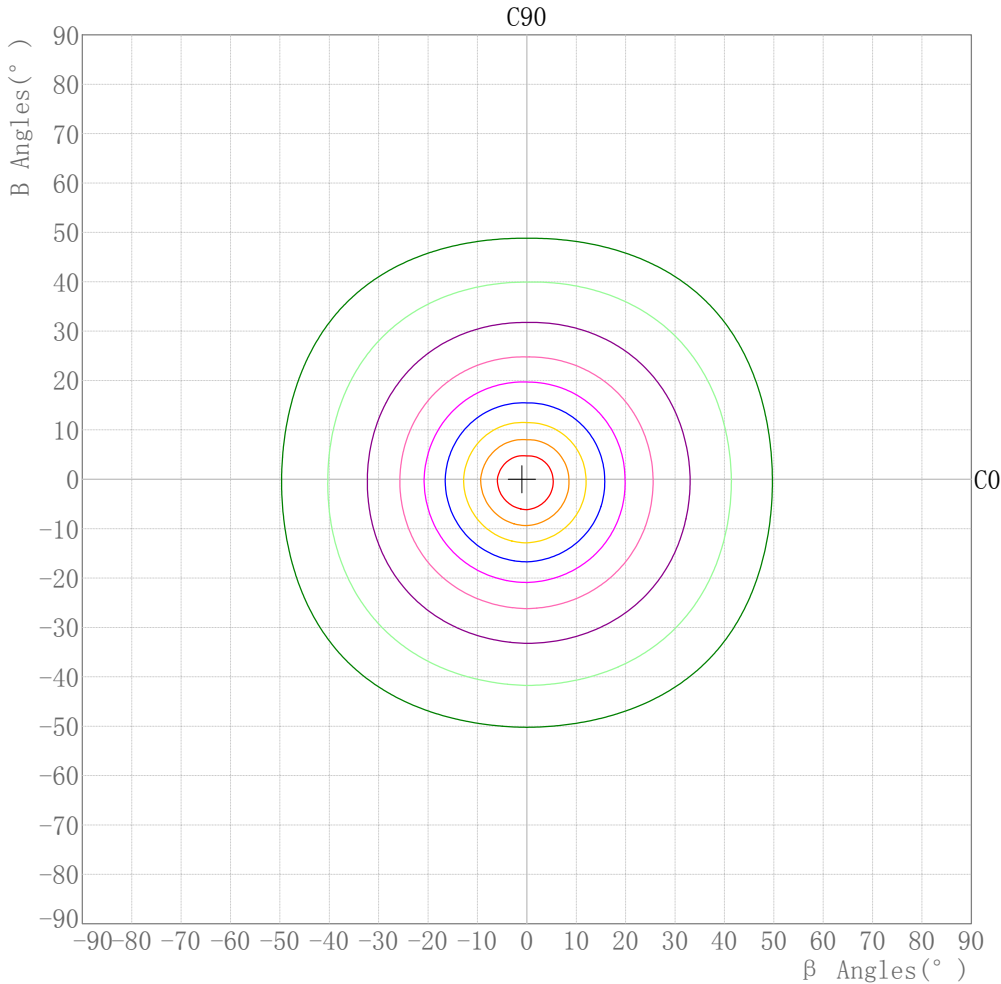
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Rectangle ISO Lighting Intensity Diagram

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Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/01/06

ISO Lighting Intensity Curve



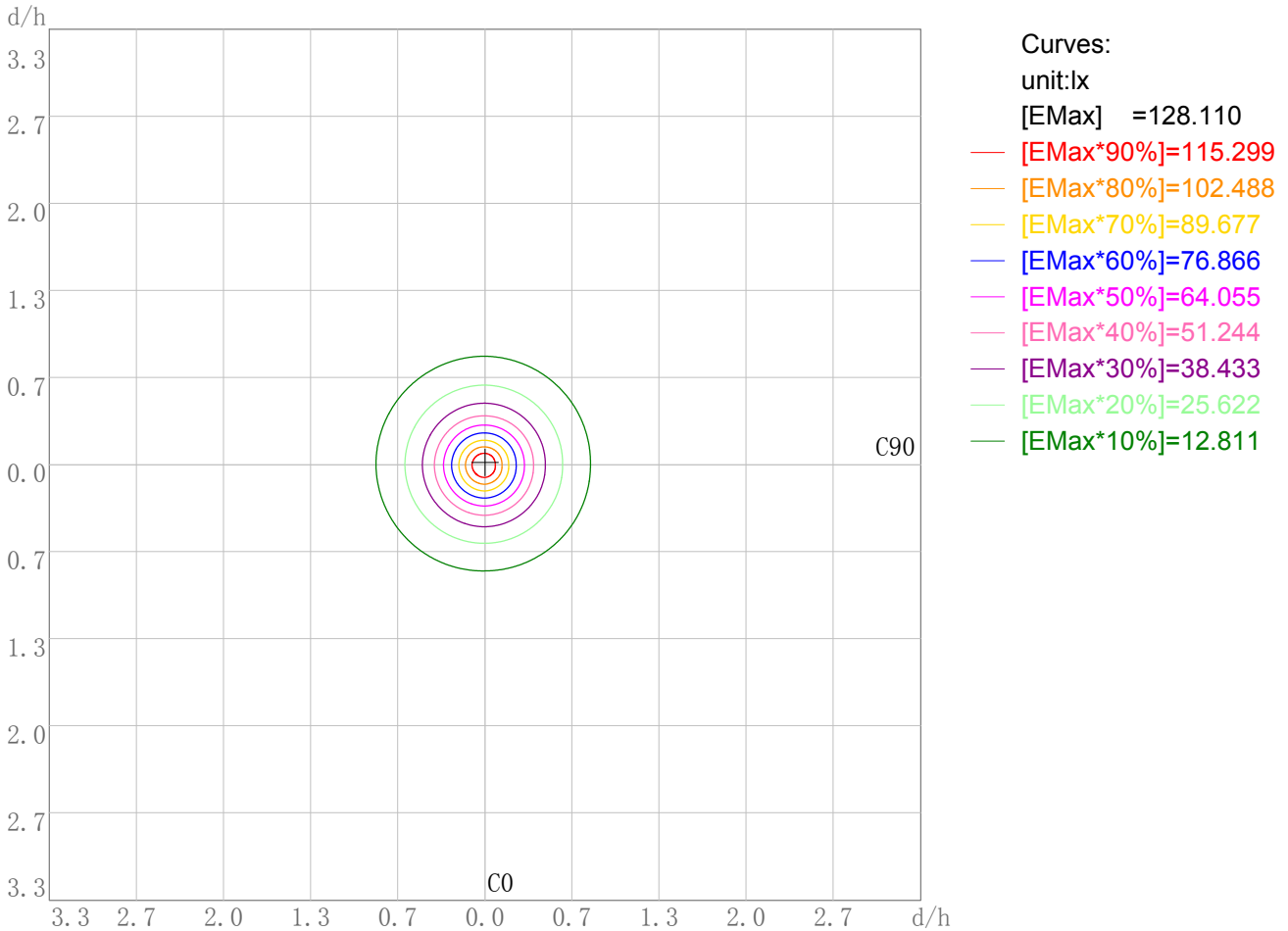
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Plane ISO-Illuminance Diagram

Lum. Name: DL44-10-XX-12 3000K RA80 40D	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: 2021/01/06

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 128.11

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

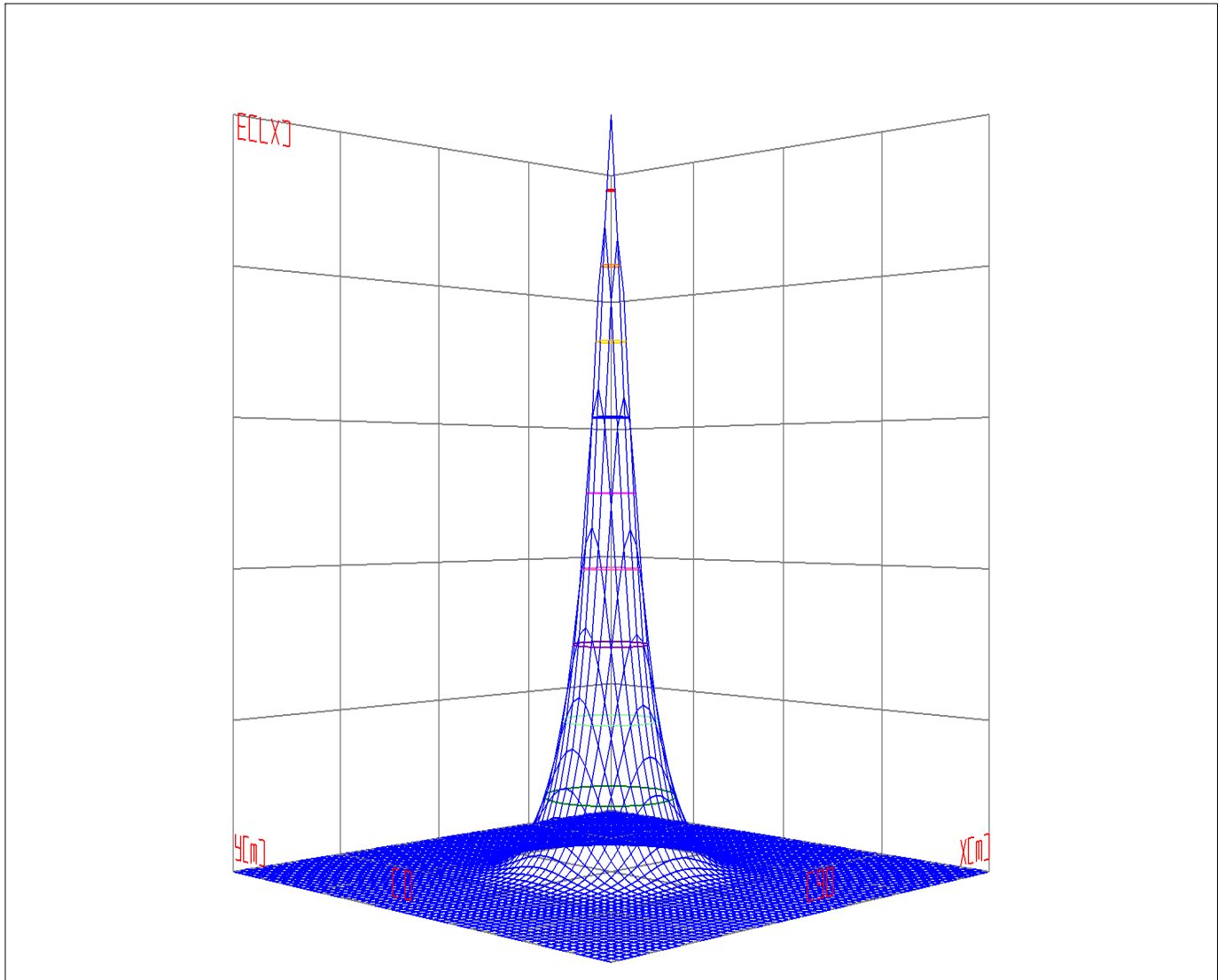
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3D Plane ISO Illuminance Diagram

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Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/01/06

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

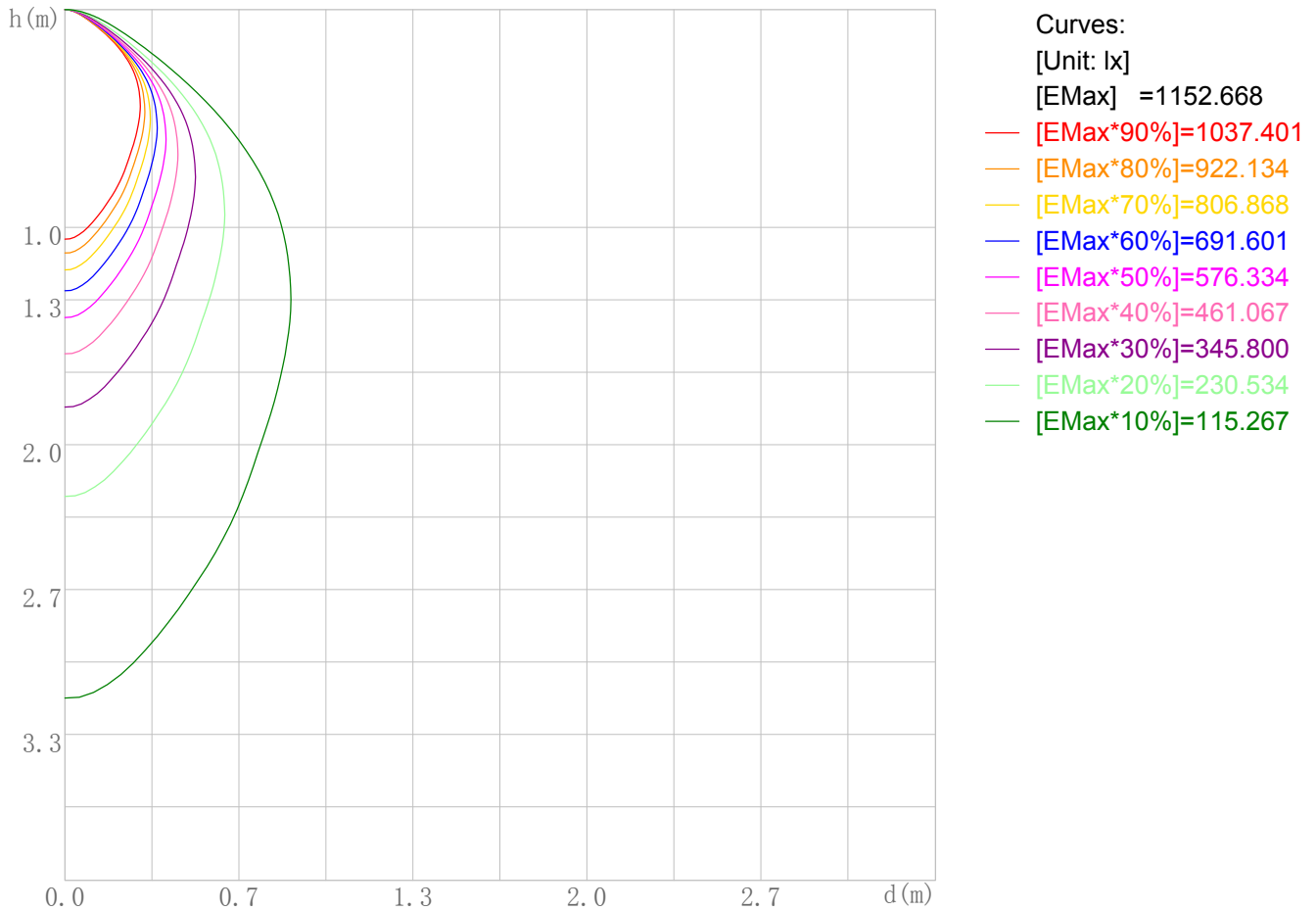
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Space ISO Illuminance Diagram

Lum. Name: DL44-10-XX-12 3000K RA80 40D	Lum. Catalog:	Test ID: 01
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Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/01/06

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1152.67lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:1152.668cd,0deg

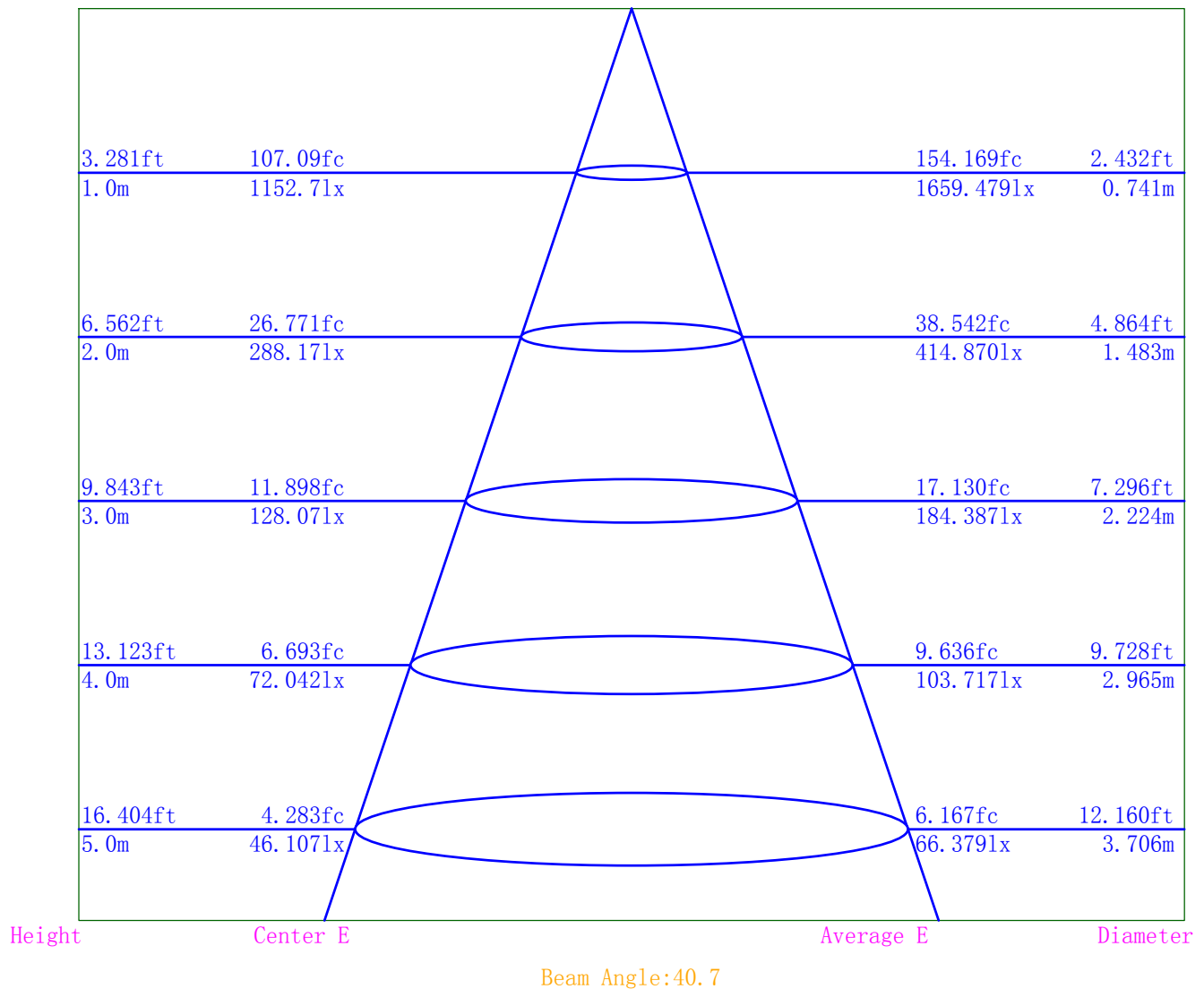
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Illuminance-Distance Diagram

Lum. Name: DL44-10-XX-12 3000K RA80 40D	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: 2021/01/06

Illuminance-Distance Curve



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Indoor Luminance Limiting Curves

Lum. Name: DL44-10-XX-12 3000K RA80 40D	Lum. Catalog:	Test ID: 01
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Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/01/06

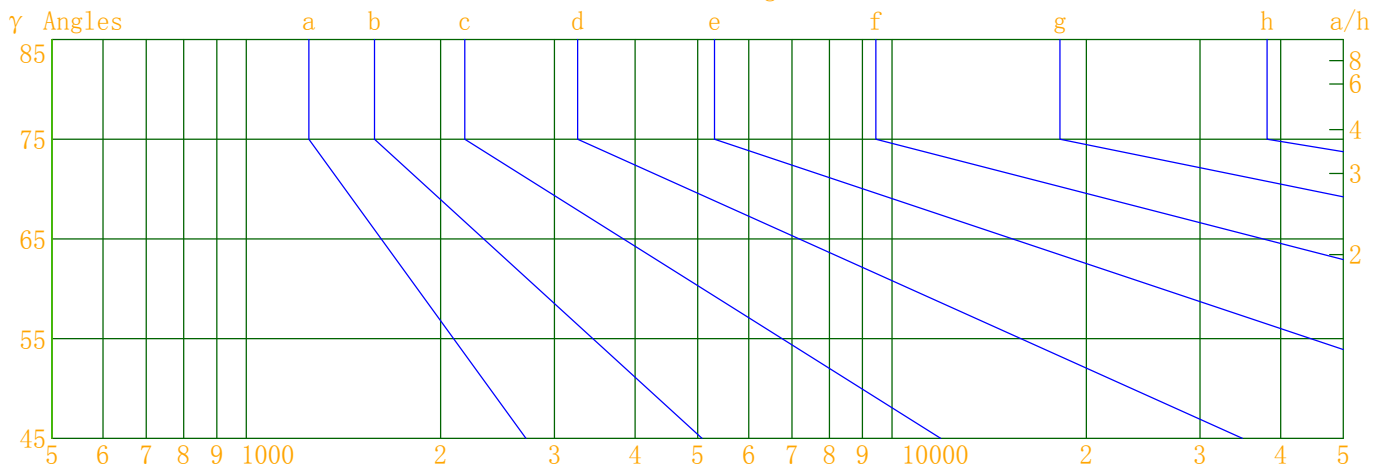
Glare Grade Table

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	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

Luminance Limiting Curve



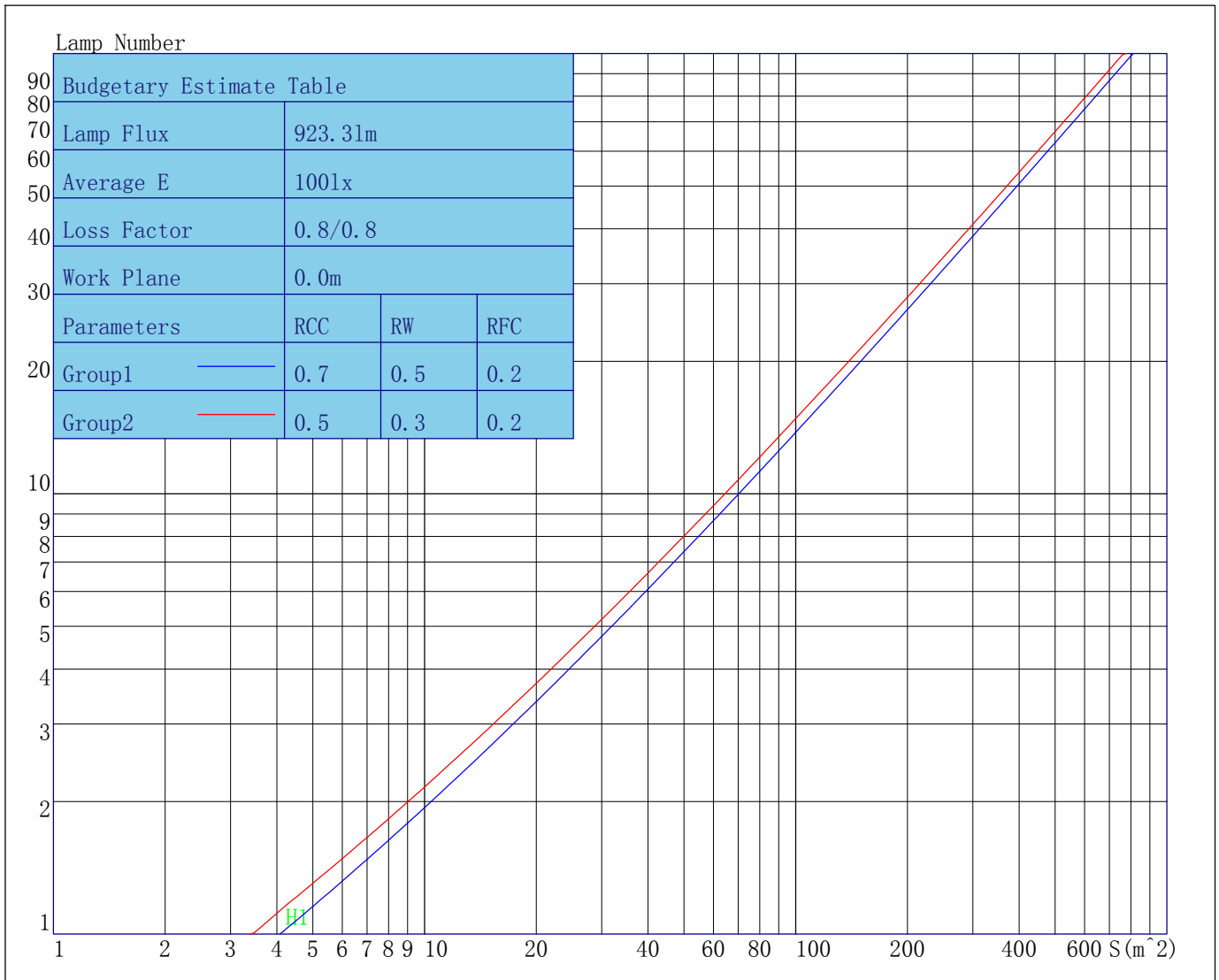
Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m²)=0.000000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

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Indoor Budgetary Estimate Table

Lum. Name: DL44-10-XX-12 3000K RA80 40D	Lum. Catalog:	Test ID: 01
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Manufacture: Shenzhen Norming Lighting Co.Ltd	Test Machine:GON-2000	Test Date: 2021/01/06



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:DL44-10-XX-12 3000K RA80 40D.IES

Indoor Coefficient of Utilization Table

Lum. Name: DL44-10-XX-12 3000K RA80 40D	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: 2021/01/06

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	109	107	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	77	76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69
5	88	79	72	67	86	78	72	67	76	70	66	74	69	66	72	68	65	63
6	83	73	66	62	82	72	66	61	71	65	61	69	64	60	68	63	60	58
7	79	68	61	57	77	67	61	57	66	60	56	65	60	56	64	59	56	54
8	74	64	57	53	73	63	57	52	62	56	52	61	56	52	60	55	52	50
9	70	60	53	49	69	59	53	49	58	53	49	57	52	48	56	52	48	47
10	67	56	50	46	66	56	50	46	55	49	45	54	49	45	53	49	45	44

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Unified Glare Rating Table

Lum. Name: DL44-10-XX-12 3000K RA80 40D	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: 2021/01/06

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	-1.4	-0.2	-1.1	0.1	0.4	-1.4	-0.2	-1.1	0.1	0.4
Y=3H	-1.6	-0.6	-1.2	-0.2	0.2	-1.6	-0.6	-1.2	-0.2	0.2
Y=4H	-1.7	-0.7	-1.3	-0.4	0.0	-1.7	-0.7	-1.3	-0.4	0.0
Y=6H	-1.8	-0.9	-1.4	-0.5	-0.1	-1.8	-0.9	-1.4	-0.5	-0.1
Y=8H	-1.8	-1.0	-1.4	-0.6	-0.2	-1.8	-1.0	-1.4	-0.6	-0.2
Y=12H	-1.9	-1.1	-1.4	-0.7	-0.2	-1.9	-1.1	-1.4	-0.7	-0.2
X=4H Y=2H	-1.7	-0.7	-1.3	-0.4	0.0	-1.7	-0.7	-1.3	-0.4	0.0
Y=3H	-1.9	-1.1	-1.4	-0.7	-0.2	-1.9	-1.1	-1.4	-0.7	-0.2
Y=4H	-2.0	-1.3	-1.5	-0.8	-0.4	-2.0	-1.3	-1.5	-0.8	-0.4
Y=6H	-2.1	-1.5	-1.6	-1.0	-0.5	-2.1	-1.5	-1.6	-1.0	-0.5
Y=8H	-2.1	-1.6	-1.6	-1.1	-0.6	-2.1	-1.6	-1.6	-1.1	-0.6
Y=12H	-2.2	-1.7	-1.7	-1.2	-0.7	-2.2	-1.7	-1.7	-1.2	-0.7
X=8H Y=4H	-2.1	-1.6	-1.6	-1.1	-0.6	-2.1	-1.6	-1.6	-1.1	-0.6
Y=6H	-2.2	-1.8	-1.7	-1.3	-0.7	-2.2	-1.8	-1.7	-1.3	-0.7
Y=8H	-2.3	-1.9	-1.8	-1.4	-0.9	-2.3	-1.9	-1.8	-1.4	-0.9
Y=12H	-2.4	-2.0	-1.8	-1.5	-0.9	-2.4	-2.0	-1.8	-1.5	-0.9
X=12H Y=4H	-2.2	-1.7	-1.7	-1.2	-0.7	-2.2	-1.7	-1.7	-1.2	-0.7
Y=6H	-2.3	-1.9	-1.8	-1.4	-0.9	-2.3	-1.9	-1.8	-1.4	-0.9
Y=8H	-2.4	-2.0	-1.8	-1.5	-0.9	-2.4	-2.0	-1.8	-1.5	-0.9
Variations with the observer position at spacings										
S=1.0H	0.0/0.0					0.0/0.0				
S=1.5H	0.0/0.0					0.0/0.0				
S=2.0H	0.0/0.0					0.0/0.0				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	0.0					0.0				

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

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Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	1152.67	1152.67	1152.67	1152.67
γ 1.0	1150.67	1133.74	1153.51	1147.50
γ 2.0	1136.22	1116.46	1141.79	1141.10
γ 3.0	1112.56	1092.40	1123.25	1125.74
γ 4.0	1083.73	1062.17	1097.86	1104.10
γ 5.0	1050.06	1029.10	1069.92	1076.31
γ 6.0	1013.10	993.24	1037.48	1043.47
γ 7.0	977.40	958.53	1004.49	1008.89
γ 8.0	940.91	923.11	969.02	973.29
γ 9.0	905.78	886.82	934.85	936.22
γ 10.0	870.93	854.08	901.26	900.33
γ 11.0	837.42	821.38	866.82	866.98
γ 12.0	806.71	791.37	833.38	834.79
γ 13.0	775.36	762.87	801.36	803.04
γ 14.0	745.01	733.53	769.53	771.88
γ 15.0	715.12	705.57	737.99	742.41
γ 16.0	684.84	676.94	707.54	712.61
γ 17.0	655.07	649.18	678.69	684.03
γ 18.0	626.65	622.31	651.11	655.55
γ 19.0	599.27	595.42	624.55	627.53
γ 20.0	573.62	568.34	597.82	600.73
γ 21.0	550.86	542.52	571.37	573.79
γ 22.0	529.12	518.87	546.49	548.99
γ 23.0	509.61	496.56	521.74	525.64
γ 24.0	490.25	476.63	498.51	504.34
γ 25.0	471.36	456.96	476.40	483.76
γ 26.0	453.55	438.36	455.31	464.77
γ 27.0	437.09	421.51	434.86	446.73
γ 28.0	420.86	404.75	416.38	429.22
γ 29.0	405.23	388.53	399.29	411.70
γ 30.0	390.36	372.67	382.25	395.83
γ 31.0	375.81	357.59	365.94	380.15
γ 32.0	361.56	342.27	350.44	364.48
γ 33.0	347.04	327.27	335.15	349.32
γ 34.0	332.10	312.45	319.08	334.85
γ 35.0	317.51	297.97	304.28	320.11
γ 36.0	303.36	283.54	289.63	306.18
γ 37.0	289.80	269.76	275.11	292.60
γ 38.0	276.43	255.60	260.95	279.07
γ 39.0	263.03	242.72	247.42	266.02
γ 40.0	249.52	229.71	234.48	252.93
γ 41.0	236.34	217.34	221.62	240.22
γ 42.0	222.43	204.83	209.32	227.43
γ 43.0	208.70	192.36	197.55	214.79
γ 44.0	194.69	179.49	185.75	201.85
γ 45.0	180.55	166.39	173.95	188.14
γ 46.0	166.36	152.88	162.03	174.26

IES Indoor Report

Photometric Filename:DL44-10-XX-12 3000K RA80 40D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	152.21	139.41	149.57	160.07
γ 48.0	138.12	125.86	136.74	146.06
γ 49.0	124.63	112.69	123.81	132.18
γ 50.0	111.65	99.77	110.88	118.29
γ 51.0	99.26	87.43	98.36	104.91
γ 52.0	87.45	76.08	86.52	92.33
γ 53.0	76.55	65.71	75.49	80.38
γ 54.0	66.56	56.51	65.26	69.68
γ 55.0	57.78	48.41	56.01	60.18
γ 56.0	50.16	41.41	47.80	51.80
γ 57.0	43.58	35.51	40.80	44.68
γ 58.0	37.90	30.57	34.84	38.69
γ 59.0	33.00	26.45	29.91	33.56
γ 60.0	28.81	23.05	25.77	29.28
γ 61.0	25.31	20.16	22.26	25.69
γ 62.0	22.30	17.75	19.33	22.58
γ 63.0	19.75	15.68	16.90	19.93
γ 64.0	17.55	13.94	14.84	17.70
γ 65.0	15.66	12.44	13.11	15.75
γ 66.0	14.03	11.14	11.63	14.07
γ 67.0	12.62	10.00	10.36	12.62
γ 68.0	11.40	8.98	9.23	11.37
γ 69.0	10.32	8.09	8.27	10.27
γ 70.0	9.36	7.29	7.40	9.32
γ 71.0	8.52	6.58	6.66	8.48
γ 72.0	7.75	5.92	5.99	7.72
γ 73.0	7.08	5.35	5.41	7.07
γ 74.0	6.45	4.80	4.88	6.48
γ 75.0	5.88	4.32	4.42	5.95
γ 76.0	5.36	3.86	3.99	5.47
γ 77.0	4.86	3.44	3.61	5.02
γ 78.0	4.41	3.07	3.26	4.61
γ 79.0	3.99	2.69	2.94	4.24
γ 80.0	3.60	2.34	2.62	3.88
γ 81.0	3.24	2.02	2.34	3.55
γ 82.0	2.88	1.71	2.07	3.24
γ 83.0	2.55	1.43	1.81	2.95
γ 84.0	2.24	1.15	1.56	2.65
γ 85.0	1.95	0.91	1.33	2.38
γ 86.0	1.67	0.67	1.09	2.11
γ 87.0	1.43	0.46	0.89	1.84
γ 88.0	1.21	0.29	0.68	1.59
γ 89.0	1.00	0.13	0.50	1.35
γ 90.0	0.84	0.03	0.34	1.18
γ 91.0	0.73	0.00	0.21	0.97
γ 92.0	0.63	0.00	0.13	0.85
γ 93.0	0.52	0.00	0.06	0.76

IES Indoor Report

Photometric Filename:DL44-10-XX-12 3000K RA80 40D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.44	0.00	0.00	0.66
γ 95.0	0.35	0.00	0.00	0.57
γ 96.0	0.26	0.00	0.00	0.48
γ 97.0	0.19	0.00	0.00	0.41
γ 98.0	0.13	0.00	0.00	0.33
γ 99.0	0.06	0.00	0.00	0.27
γ 100.0	0.00	0.00	0.00	0.20
γ 101.0	0.00	0.00	0.00	0.15
γ 102.0	0.00	0.00	0.00	0.11
γ 103.0	0.00	0.00	0.00	0.06
γ 104.0	0.00	0.00	0.00	0.01
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	0.03
γ 123.0	0.00	0.00	0.00	0.07
γ 124.0	0.00	0.00	0.00	0.10
γ 125.0	0.00	0.00	0.00	0.15
γ 126.0	0.05	0.00	0.05	0.19
γ 127.0	0.11	0.00	0.10	0.25
γ 128.0	0.16	0.00	0.17	0.30
γ 129.0	0.22	0.00	0.24	0.35
γ 130.0	0.27	0.06	0.31	0.41
γ 131.0	0.35	0.14	0.38	0.47
γ 132.0	0.41	0.21	0.45	0.53
γ 133.0	0.49	0.28	0.53	0.60
γ 134.0	0.55	0.37	0.62	0.68
γ 135.0	0.63	0.45	0.69	0.75
γ 136.0	0.71	0.53	0.78	0.83
γ 137.0	0.80	0.62	0.86	0.90
γ 138.0	0.88	0.70	0.94	0.99
γ 139.0	0.96	0.80	1.04	1.06
γ 140.0	1.04	0.88	1.13	1.15

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.13	0.97	1.22	1.23
γ 142.0	1.22	1.06	1.31	1.30
γ 143.0	1.31	1.15	1.40	1.40
γ 144.0	1.40	1.25	1.49	1.48
γ 145.0	1.49	1.34	1.59	1.57
γ 146.0	1.59	1.43	1.67	1.65
γ 147.0	1.66	1.52	1.76	1.73
γ 148.0	1.75	1.62	1.85	1.82
γ 149.0	1.85	1.70	1.95	1.90
γ 150.0	1.93	1.79	2.03	1.98
γ 151.0	2.01	1.88	2.12	2.06
γ 152.0	2.10	1.96	2.20	2.14
γ 153.0	2.19	2.04	2.29	2.22
γ 154.0	2.27	2.13	2.38	2.29
γ 155.0	2.35	2.21	2.45	2.36
γ 156.0	2.43	2.28	2.53	2.43
γ 157.0	2.52	2.36	2.61	2.51
γ 158.0	2.62	2.44	2.70	2.57
γ 159.0	2.73	2.50	2.76	2.64
γ 160.0	2.80	2.57	2.84	2.71
γ 161.0	2.87	2.66	2.91	2.77
γ 162.0	2.95	2.72	2.98	2.83
γ 163.0	3.01	2.78	3.03	2.89
γ 164.0	3.05	2.85	3.11	2.94
γ 165.0	3.10	2.90	3.17	3.00
γ 166.0	3.15	2.96	3.21	3.05
γ 167.0	3.17	3.02	3.27	3.09
γ 168.0	3.21	3.07	3.31	3.14
γ 169.0	3.27	3.12	3.34	3.19
γ 170.0	3.29	3.15	3.38	3.23
γ 171.0	3.33	3.21	3.39	3.26
γ 172.0	3.36	3.24	3.42	3.31
γ 173.0	3.40	3.27	3.44	3.33
γ 174.0	3.43	3.31	3.46	3.36
γ 175.0	3.45	3.34	3.48	3.39
γ 176.0	3.47	3.36	3.50	3.41
γ 177.0	3.50	3.38	3.52	3.43
γ 178.0	3.51	3.39	3.53	3.46
γ 179.0	3.52	3.40	3.54	3.46
γ 180.0	3.50	3.50	3.50	3.50
