

IES Indoor Report

Photometric Filename:DL45-10-C5-01 2700K RA80 60D.IES

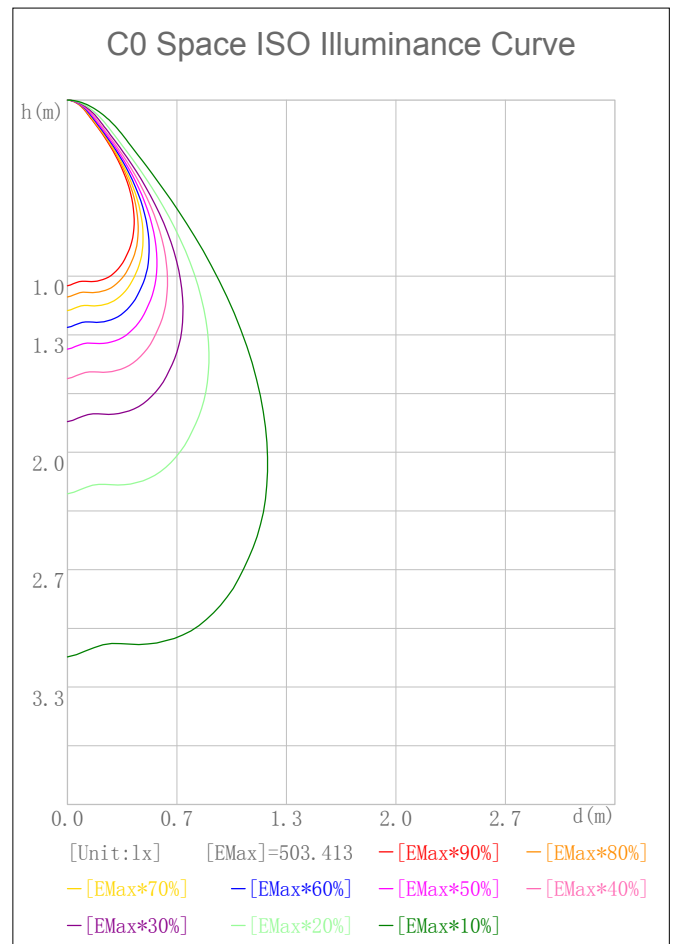
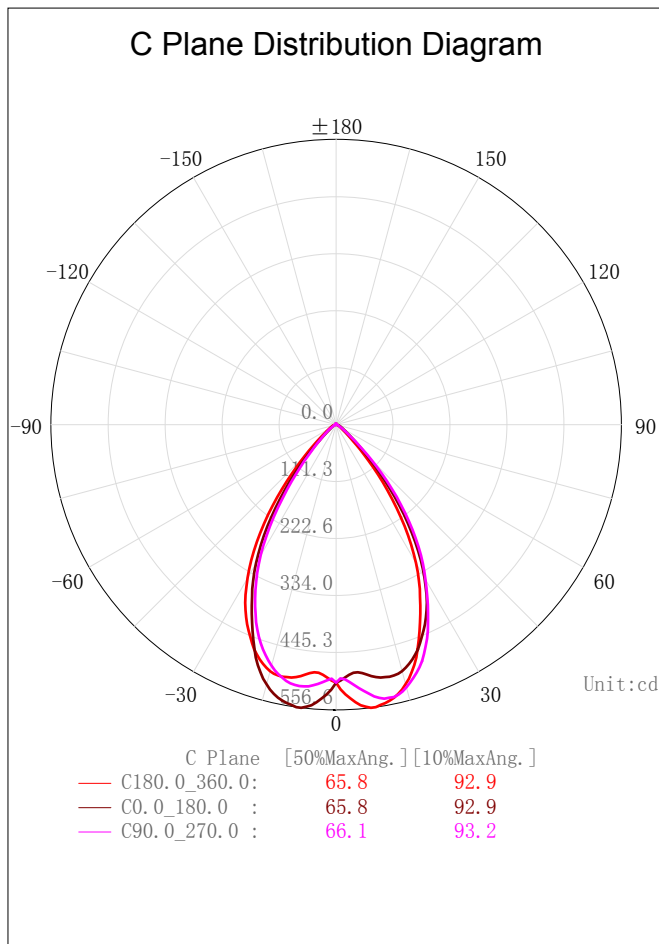
Indoor Luminaire Photometric Data

Description Information

Luminary Name:DL45-10-C5-01 2700K RA80 60D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2020/11/28
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(%): 50.0

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 608.580	Luminary Flux(lm): 608.582	Field Angle(10%Imax): 92.9(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 607.197lm 99.77%	
Rated Voltage(V):	Luminary EER(lm/W): 62.227	Up Lumens&Percent: 1.385lm 0.23%	
Tested Power(W): 9.780	Max. Candela(cd): 556.584	S/MH: C0_a180=1.054 C90_270=1.042	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=8.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.6, 0.044, 0.918	Beam Angle(50%Imax): 65.8(°)	ErP φ use(90°): 565.918lm	
Lamp Size (W*L*H):0.000m*0.000m*0.000m	Left=-33.9°, Right=31.9°	IRF(%): 182.620	



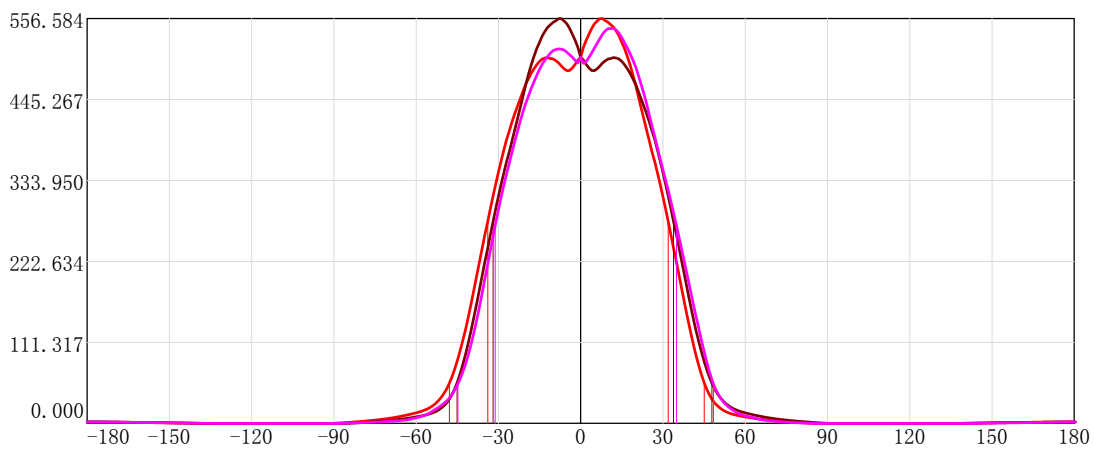
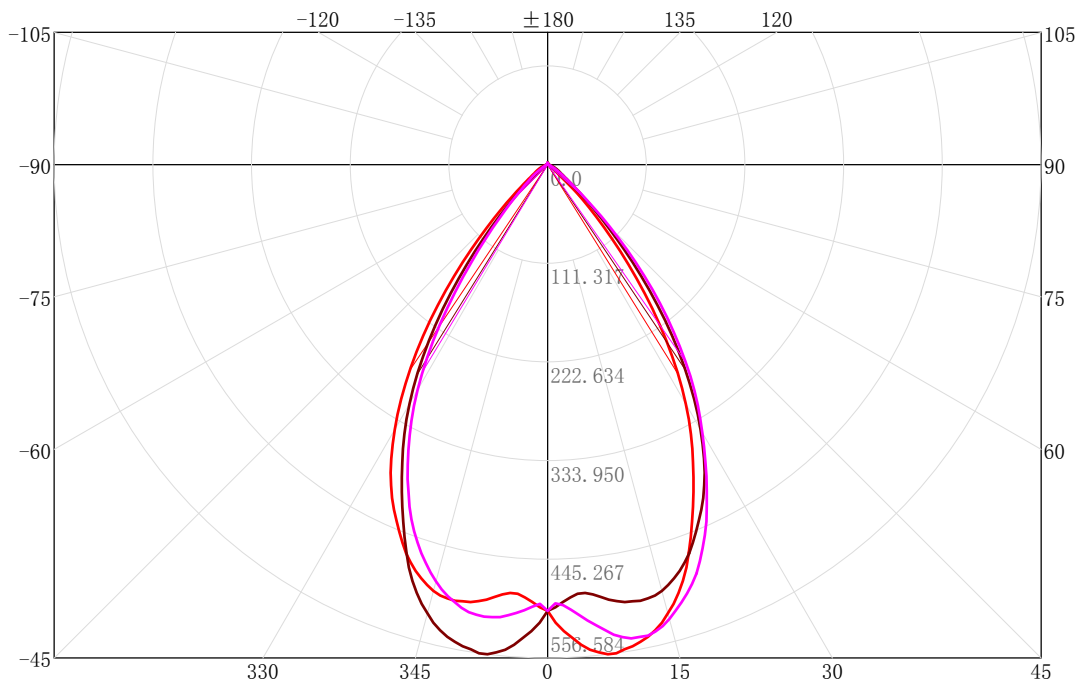
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2D Plane Light Intensity Distribution Curve

Lum. Name: DL45-10-C5-01 2700K RA80 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: 2020/11/28

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
C180.0_360.0 :	65.8	92.9
C0.0_180.0 :	65.8	92.9
C90.0_270.0 :	66.1	93.2

Unit:cd

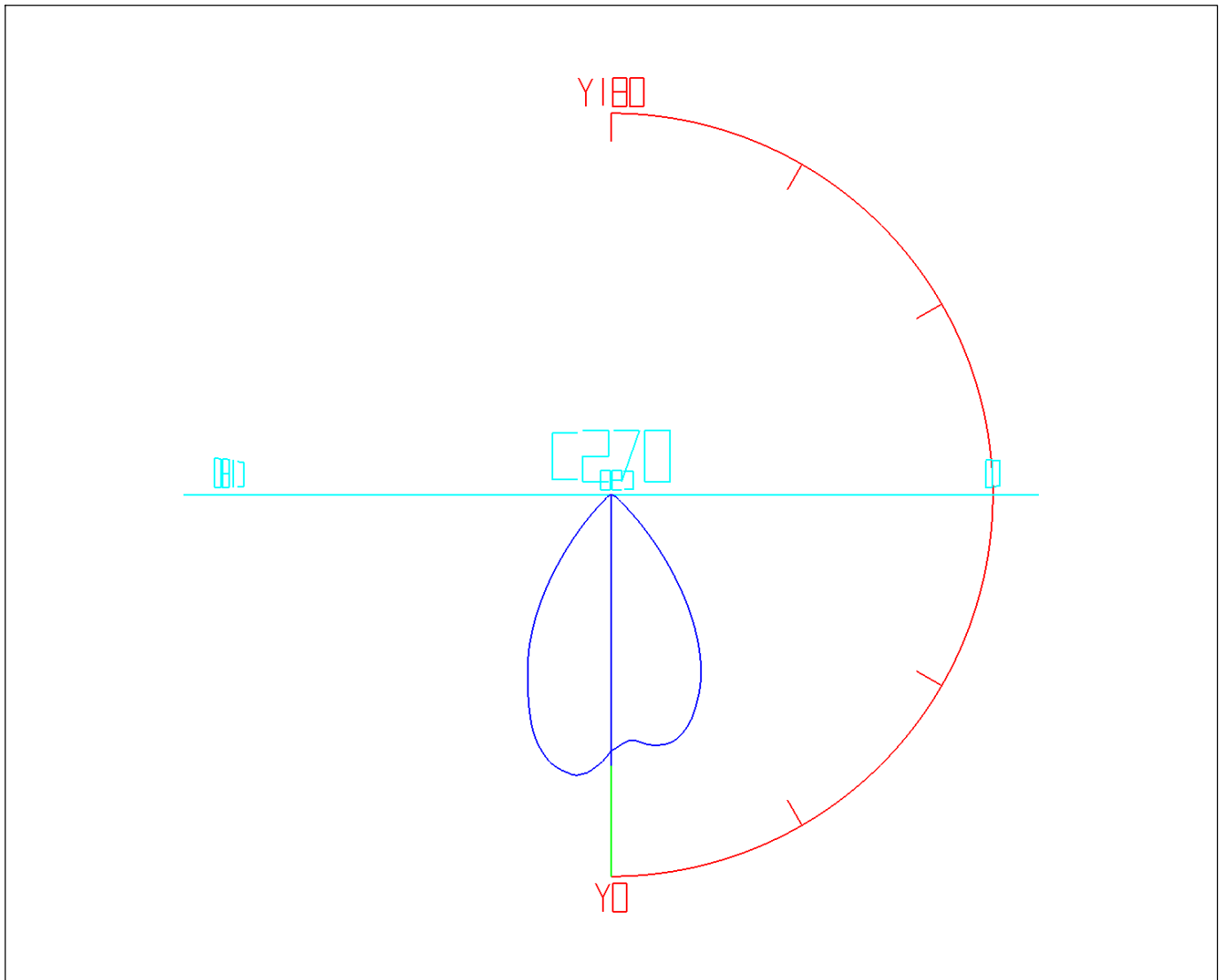
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3D Light Intensity Distribution Modal

Lum. Name: DL45-10-C5-01 2700K RA80 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: 2020/11/28

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	0.48	0.48	0.08	0.08	47.0-48.0	3.97	573.83	0.65	94.29
1.0-2.0	1.44	1.92	0.24	0.32	48.0-49.0	3.43	577.26	0.56	94.85
2.0-3.0	2.42	4.34	0.40	0.71	49.0-50.0	2.98	580.24	0.49	95.34
3.0-4.0	3.41	7.75	0.56	1.27	50.0-51.0	2.61	582.85	0.43	95.77
4.0-5.0	4.41	12.17	0.73	2.00	51.0-52.0	2.30	585.16	0.38	96.15
5.0-6.0	5.44	17.60	0.89	2.89	52.0-53.0	2.05	587.20	0.34	96.49
6.0-7.0	6.47	24.07	1.06	3.95	53.0-54.0	1.83	589.03	0.30	96.79
7.0-8.0	7.50	31.57	1.23	5.19	54.0-55.0	1.64	590.68	0.27	97.06
8.0-9.0	8.53	40.10	1.40	6.59	55.0-56.0	1.48	592.15	0.24	97.30
9.0-10.0	9.53	49.63	1.57	8.15	56.0-57.0	1.33	593.49	0.22	97.52
10.0-11.0	10.52	60.14	1.73	9.88	57.0-58.0	1.21	594.70	0.20	97.72
11.0-12.0	11.47	71.61	1.88	11.77	58.0-59.0	1.12	595.82	0.18	97.90
12.0-13.0	12.39	84.00	2.04	13.80	59.0-60.0	1.03	596.85	0.17	98.07
13.0-14.0	13.26	97.27	2.18	15.98	60.0-61.0	0.96	597.81	0.16	98.23
14.0-15.0	14.08	111.35	2.31	18.30	61.0-62.0	0.89	598.69	0.15	98.38
15.0-16.0	14.83	126.18	2.44	20.73	62.0-63.0	0.82	599.51	0.13	98.51
16.0-17.0	15.53	141.71	2.55	23.29	63.0-64.0	0.75	600.27	0.12	98.63
17.0-18.0	16.17	157.89	2.66	25.94	64.0-65.0	0.69	600.96	0.11	98.75
18.0-19.0	16.75	174.63	2.75	28.70	65.0-66.0	0.64	601.59	0.10	98.85
19.0-20.0	17.24	191.88	2.83	31.53	66.0-67.0	0.58	602.18	0.10	98.95
20.0-21.0	17.65	209.53	2.90	34.43	67.0-68.0	0.54	602.71	0.09	99.04
21.0-22.0	17.98	227.51	2.95	37.38	68.0-69.0	0.50	603.21	0.08	99.12
22.0-23.0	18.23	245.74	3.00	40.38	69.0-70.0	0.46	603.67	0.08	99.19
23.0-24.0	18.42	264.16	3.03	43.41	70.0-71.0	0.42	604.09	0.07	99.26
24.0-25.0	18.54	282.70	3.05	46.45	71.0-72.0	0.39	604.48	0.06	99.33
25.0-26.0	18.57	301.27	3.05	49.50	72.0-73.0	0.36	604.84	0.06	99.39
26.0-27.0	18.54	319.81	3.05	52.55	73.0-74.0	0.33	605.17	0.05	99.44
27.0-28.0	18.44	338.24	3.03	55.58	74.0-75.0	0.30	605.46	0.05	99.49
28.0-29.0	18.25	356.49	3.00	58.58	75.0-76.0	0.27	605.73	0.04	99.53
29.0-30.0	17.97	374.47	2.95	61.53	76.0-77.0	0.24	605.98	0.04	99.57
30.0-31.0	17.61	392.08	2.89	64.43	77.0-78.0	0.22	606.19	0.04	99.61
31.0-32.0	17.16	409.24	2.82	67.25	78.0-79.0	0.19	606.39	0.03	99.64
32.0-33.0	16.62	425.87	2.73	69.98	79.0-80.0	0.17	606.56	0.03	99.67
33.0-34.0	15.99	441.86	2.63	72.60	80.0-81.0	0.15	606.71	0.02	99.69
34.0-35.0	15.27	457.12	2.51	75.11	81.0-82.0	0.12	606.83	0.02	99.71
35.0-36.0	14.46	471.58	2.38	77.49	82.0-83.0	0.10	606.93	0.02	99.73
36.0-37.0	13.59	485.17	2.23	79.72	83.0-84.0	0.08	607.01	0.01	99.74
37.0-38.0	12.68	497.86	2.08	81.81	84.0-85.0	0.06	607.07	0.01	99.75
38.0-39.0	11.74	509.60	1.93	83.74	85.0-86.0	0.04	607.12	0.01	99.76
39.0-40.0	10.77	520.38	1.77	85.51	86.0-87.0	0.03	607.15	0.01	99.77
40.0-41.0	9.79	530.17	1.61	87.12	87.0-88.0	0.02	607.17	0.00	99.77
41.0-42.0	8.82	538.99	1.45	88.57	88.0-89.0	0.01	607.19	0.00	99.77
42.0-43.0	7.87	546.87	1.29	89.86	89.0-90.0	0.01	607.20	0.00	99.77
43.0-44.0	6.96	553.83	1.14	91.00	90.0-91.0	0.00	607.20	0.00	99.77
44.0-45.0	6.11	559.94	1.00	92.01	91.0-92.0	0.00	607.20	0.00	99.77
45.0-46.0	5.32	565.25	0.87	92.88	92.0-93.0	0.00	607.20	0.00	99.77
46.0-47.0	4.60	569.86	0.76	93.64	93.0-94.0	0.00	607.20	0.00	99.77

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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	0.00	607.20	0.00	99.77	141.0-142.0	0.02	607.28	0.00	99.79
95.0-96.0	0.00	607.20	0.00	99.77	142.0-143.0	0.02	607.30	0.00	99.79
96.0-97.0	0.00	607.20	0.00	99.77	143.0-144.0	0.02	607.33	0.00	99.79
97.0-98.0	0.00	607.20	0.00	99.77	144.0-145.0	0.03	607.35	0.00	99.80
98.0-99.0	0.00	607.20	0.00	99.77	145.0-146.0	0.03	607.38	0.00	99.80
99.0-100.0	0.00	607.20	0.00	99.77	146.0-147.0	0.03	607.42	0.01	99.81
100.0-101.0	0.00	607.20	0.00	99.77	147.0-148.0	0.04	607.45	0.01	99.81
101.0-102.0	0.00	607.20	0.00	99.77	148.0-149.0	0.04	607.49	0.01	99.82
102.0-103.0	0.00	607.20	0.00	99.77	149.0-150.0	0.04	607.53	0.01	99.83
103.0-104.0	0.00	607.20	0.00	99.77	150.0-151.0	0.04	607.57	0.01	99.83
104.0-105.0	0.00	607.20	0.00	99.77	151.0-152.0	0.04	607.61	0.01	99.84
105.0-106.0	0.00	607.20	0.00	99.77	152.0-153.0	0.04	607.66	0.01	99.85
106.0-107.0	0.00	607.20	0.00	99.77	153.0-154.0	0.04	607.70	0.01	99.86
107.0-108.0	0.00	607.20	0.00	99.77	154.0-155.0	0.05	607.75	0.01	99.86
108.0-109.0	0.00	607.20	0.00	99.77	155.0-156.0	0.05	607.79	0.01	99.87
109.0-110.0	0.00	607.20	0.00	99.77	156.0-157.0	0.05	607.84	0.01	99.88
110.0-111.0	0.00	607.20	0.00	99.77	157.0-158.0	0.05	607.89	0.01	99.89
111.0-112.0	0.00	607.20	0.00	99.77	158.0-159.0	0.05	607.94	0.01	99.89
112.0-113.0	0.00	607.20	0.00	99.77	159.0-160.0	0.05	607.98	0.01	99.90
113.0-114.0	0.00	607.20	0.00	99.77	160.0-161.0	0.05	608.03	0.01	99.91
114.0-115.0	0.00	607.20	0.00	99.77	161.0-162.0	0.05	608.08	0.01	99.92
115.0-116.0	0.00	607.20	0.00	99.77	162.0-163.0	0.05	608.12	0.01	99.92
116.0-117.0	0.00	607.20	0.00	99.77	163.0-164.0	0.04	608.17	0.01	99.93
117.0-118.0	0.00	607.20	0.00	99.77	164.0-165.0	0.04	608.21	0.01	99.94
118.0-119.0	0.00	607.20	0.00	99.77	165.0-166.0	0.04	608.25	0.01	99.95
119.0-120.0	0.00	607.20	0.00	99.77	166.0-167.0	0.04	608.29	0.01	99.95
120.0-121.0	0.00	607.20	0.00	99.77	167.0-168.0	0.04	608.33	0.01	99.96
121.0-122.0	0.00	607.20	0.00	99.77	168.0-169.0	0.04	608.37	0.01	99.97
122.0-123.0	0.00	607.20	0.00	99.77	169.0-170.0	0.03	608.40	0.01	99.97
123.0-124.0	0.00	607.20	0.00	99.77	170.0-171.0	0.03	608.44	0.01	99.98
124.0-125.0	0.00	607.20	0.00	99.77	171.0-172.0	0.03	608.46	0.00	99.98
125.0-126.0	0.00	607.20	0.00	99.77	172.0-173.0	0.03	608.49	0.00	99.99
126.0-127.0	0.00	607.20	0.00	99.77	173.0-174.0	0.02	608.51	0.00	99.99
127.0-128.0	0.00	607.20	0.00	99.77	174.0-175.0	0.02	608.54	0.00	99.99
128.0-129.0	0.00	607.20	0.00	99.77	175.0-176.0	0.02	608.55	0.00	100.00
129.0-130.0	0.00	607.20	0.00	99.77	176.0-177.0	0.01	608.57	0.00	100.00
130.0-131.0	0.00	607.20	0.00	99.77	177.0-178.0	0.01	608.57	0.00	100.00
131.0-132.0	0.00	607.20	0.00	99.77	178.0-179.0	0.01	608.58	0.00	100.00
132.0-133.0	0.00	607.20	0.00	99.77	179.0-180.0	0.00	608.58	0.00	100.00
133.0-134.0	0.00	607.20	0.00	99.77					
134.0-135.0	0.00	607.20	0.00	99.77					
135.0-136.0	0.00	607.21	0.00	99.77					
136.0-137.0	0.01	607.21	0.00	99.78					
137.0-138.0	0.01	607.22	0.00	99.78					
138.0-139.0	0.01	607.23	0.00	99.78					
139.0-140.0	0.01	607.24	0.00	99.78					
140.0-141.0	0.02	607.26	0.00	99.78					

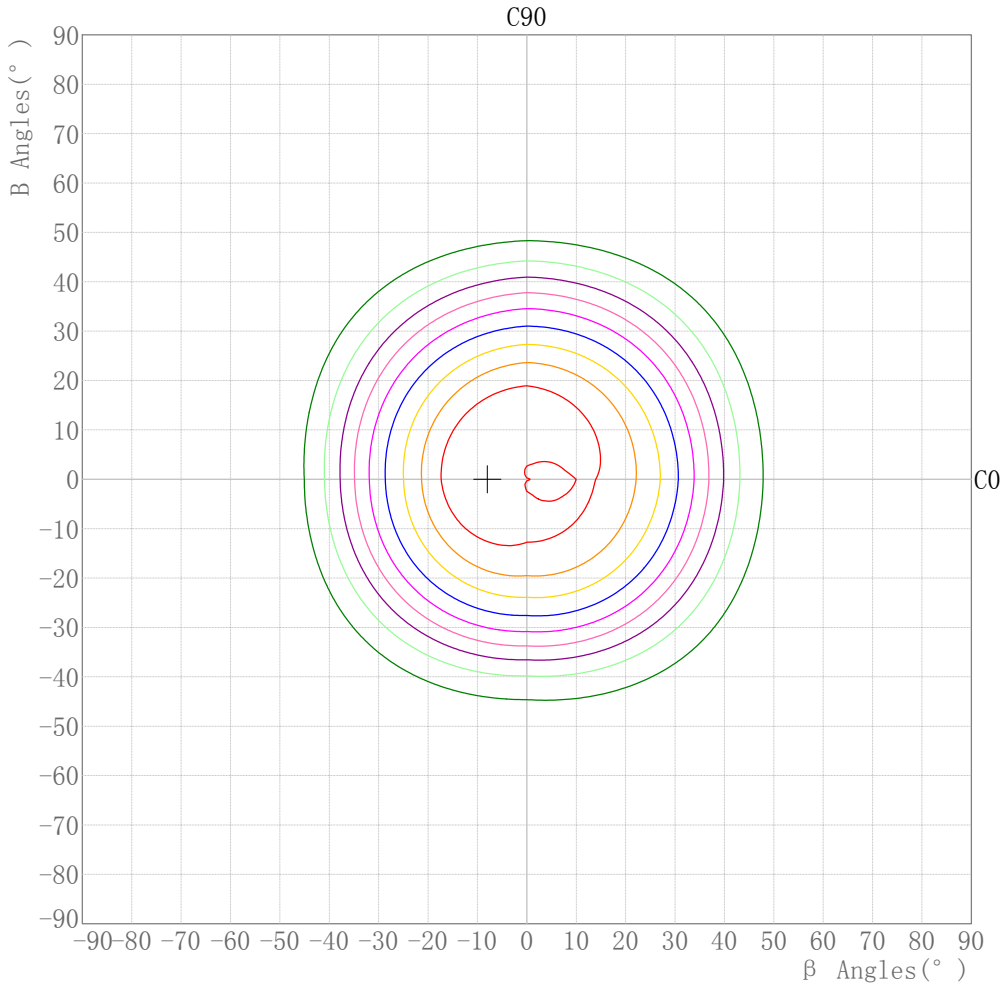
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Rectangle ISO Lighting Intensity Diagram

Lum. Name: DL45-10-C5-01 2700K RA80 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: 2020/11/28

ISO Lighting Intensity Curve



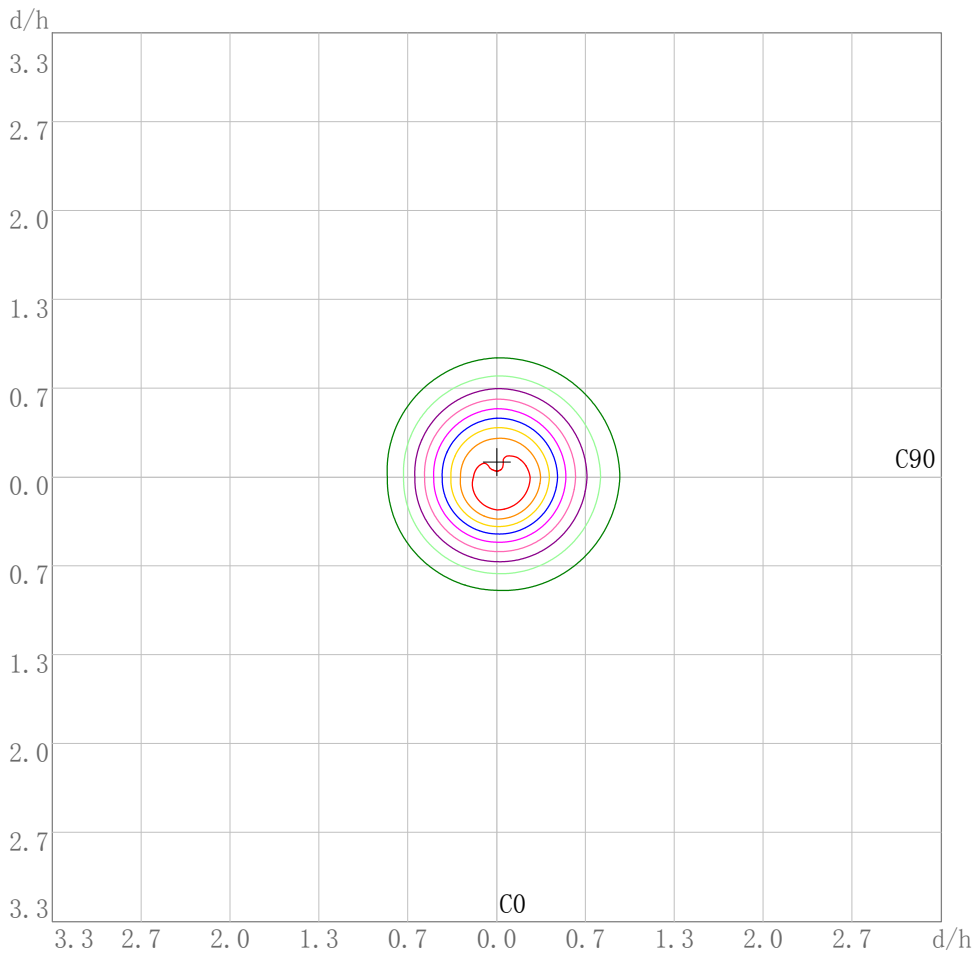
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Plane ISO-Illuminance Diagram

Lum. Name: DL45-10-C5-01 2700K RA80 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: 2020/11/28

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 60.46

Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.1

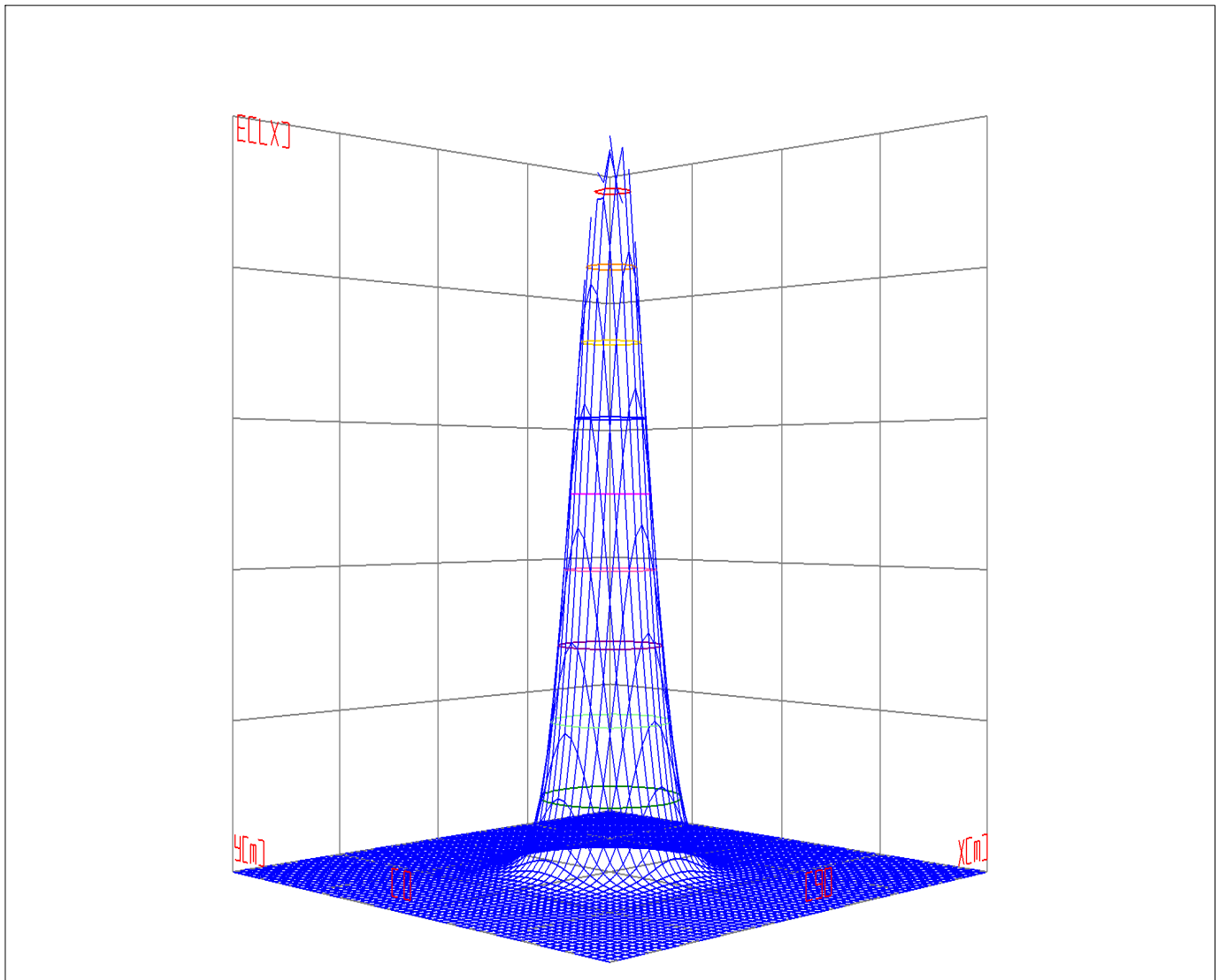
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3D Plane ISO Illuminance Diagram

Lum. Name: DL45-10-C5-01 2700K RA80 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: 2020/11/28

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

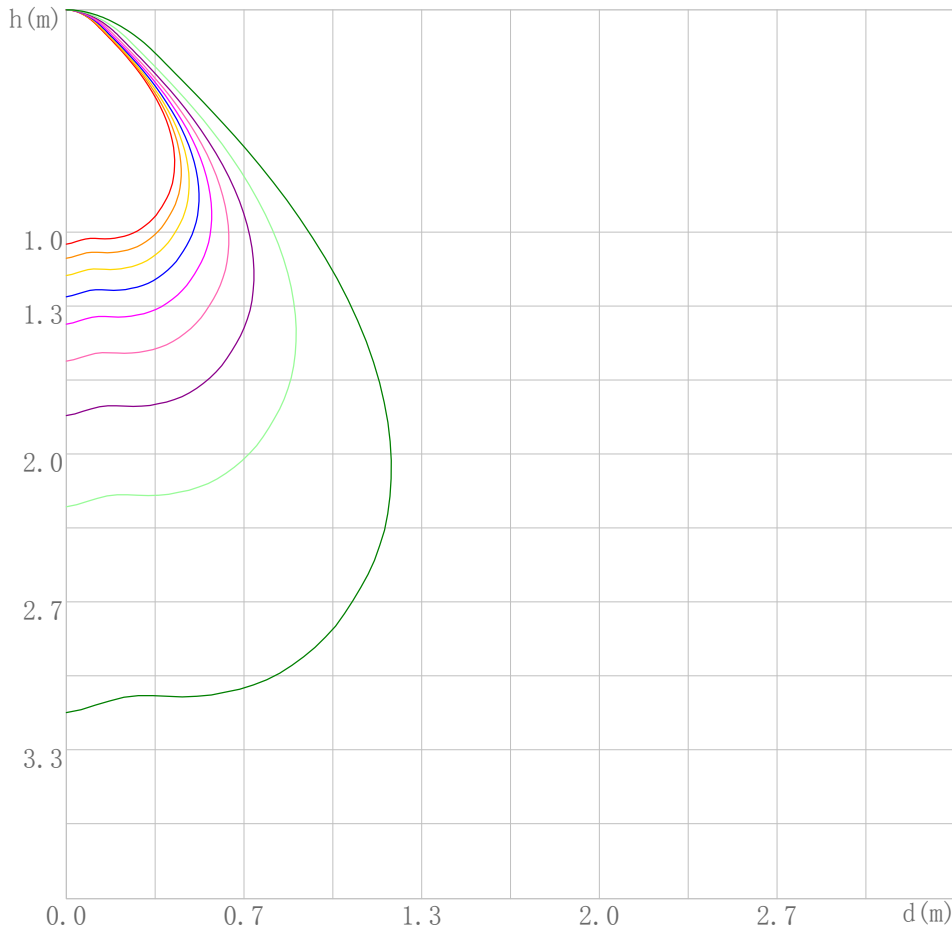
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Space ISO Illuminance Diagram

Lum. Name: DL45-10-C5-01 2700K RA80 60D	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: 2020/11/28

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =503.413

— [EMax*90%]=453.072

— [EMax*80%]=402.730

— [EMax*70%]=352.389

— [EMax*60%]=302.048

— [EMax*50%]=251.706

— [EMax*40%]=201.365

— [EMax*30%]=151.024

— [EMax*20%]=100.683

— [EMax*10%]=50.341

Space Plane Maximum Illuminance and @Angle:503.41lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:503.413cd,0deg

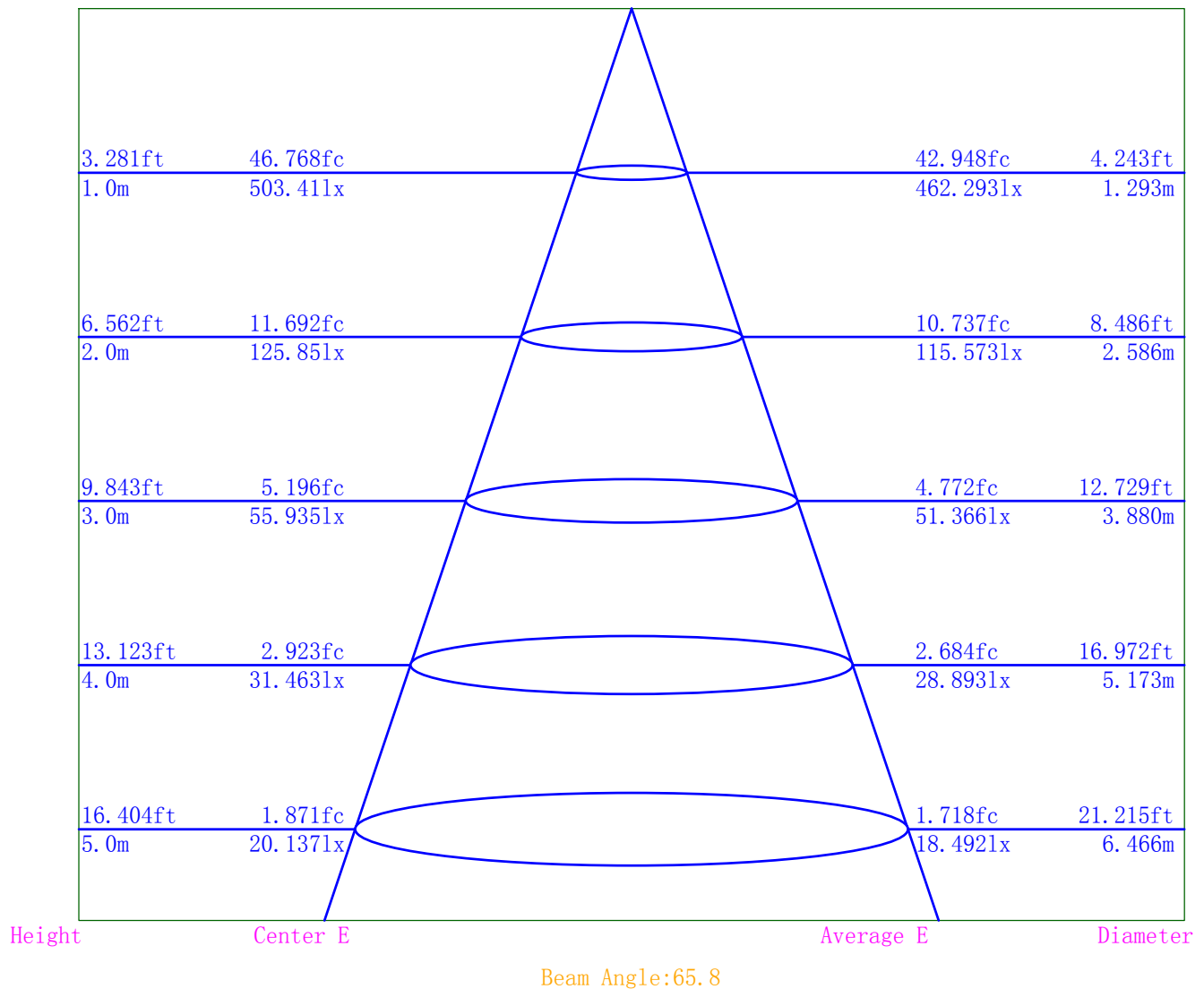
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Illuminance-Distance Diagram

Lum. Name: DL45-10-C5-01 2700K RA80 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: 2020/11/28

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name: DL45-10-C5-01 2700K RA80 60D	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: 2020/11/28

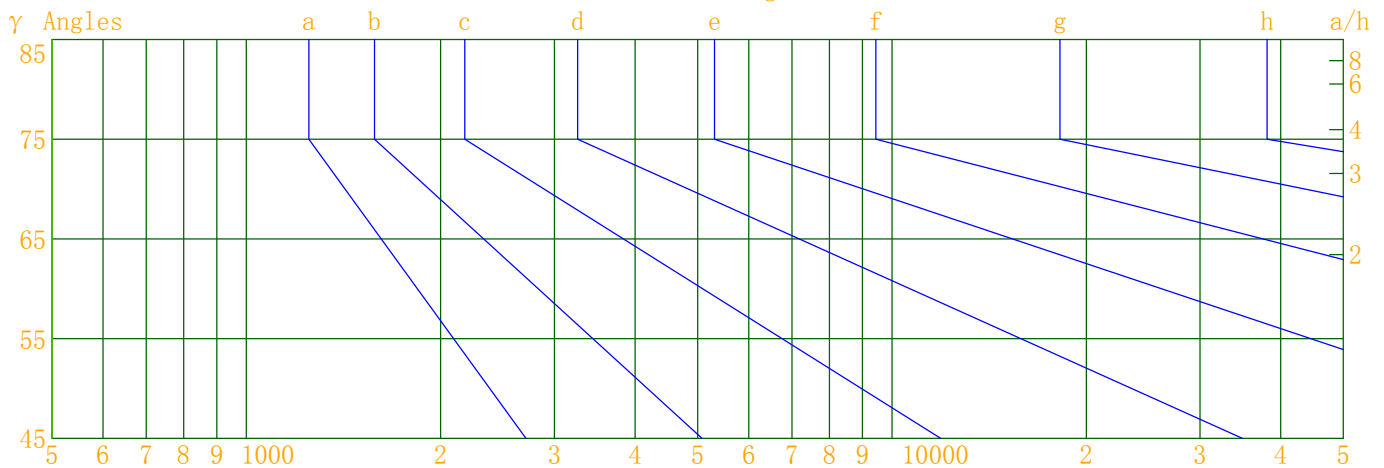
Glare Grade Table

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



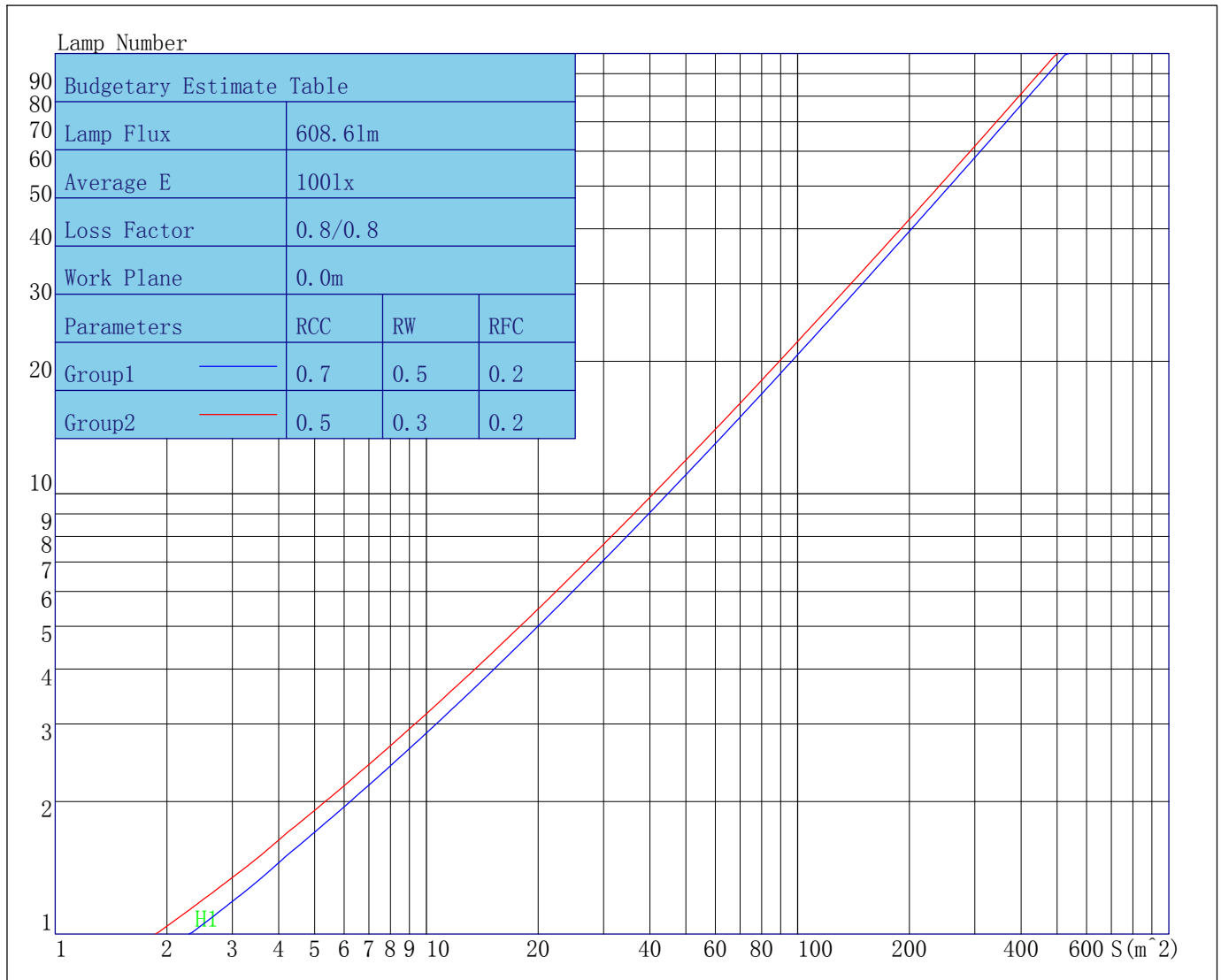
Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m²)=0.000000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

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Indoor Budgetary Estimate Table

Lum. Name: DL45-10-C5-01 2700K RA80 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: 2020/11/28



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:DL45-10-C5-01 2700K RA80 60D.IES

Indoor Coefficient of Utilization Table

Lum. Name: DL45-10-C5-01 2700K RA80 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: 2020/11/28

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	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78
4	95	87	81	76	93	86	80	76	83	79	75	81	77	74	79	76	73	71
5	90	81	74	70	88	80	74	69	78	73	69	76	72	68	74	71	67	66
6	85	75	69	64	83	74	68	64	73	67	63	71	66	63	70	66	62	61
7	80	70	64	59	79	69	63	59	68	63	58	67	62	58	66	61	58	56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52
9	72	61	55	51	71	61	55	51	60	54	51	59	54	50	58	54	50	49
10	68	58	52	47	67	57	51	47	56	51	47	56	51	47	55	50	47	46

IES Indoor Report

Photometric Filename:DL45-10-C5-01 2700K RA80 60D.IES

Unified Glare Rating Table

Lum. Name: DL45-10-C5-01 2700K RA80 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: 2020/11/28

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	-2.7	-1.6	-2.3	-1.3	-1.0	-2.7	-1.6	-2.3	-1.3	-1.0
Y=3H	-2.9	-2.0	-2.5	-1.6	-1.2	-2.9	-2.0	-2.5	-1.6	-1.2
Y=4H	-3.0	-2.1	-2.6	-1.8	-1.4	-3.0	-2.1	-2.6	-1.8	-1.4
Y=6H	-3.1	-2.3	-2.7	-1.9	-1.5	-3.1	-2.3	-2.7	-1.9	-1.5
Y=8H	-3.1	-2.4	-2.7	-2.0	-1.6	-3.1	-2.4	-2.7	-2.0	-1.6
Y=12H	-3.2	-2.5	-2.7	-2.1	-1.7	-3.2	-2.5	-2.7	-2.1	-1.7
X=4H Y=2H	-3.0	-2.1	-2.6	-1.8	-1.4	-3.0	-2.1	-2.6	-1.8	-1.4
Y=3H	-3.2	-2.5	-2.7	-2.1	-1.7	-3.2	-2.5	-2.7	-2.1	-1.7
Y=4H	-3.3	-2.7	-2.8	-2.2	-1.8	-3.3	-2.7	-2.8	-2.2	-1.8
Y=6H	-3.4	-2.9	-2.9	-2.4	-1.9	-3.4	-2.9	-2.9	-2.4	-1.9
Y=8H	-3.5	-3.0	-3.0	-2.5	-2.0	-3.5	-3.0	-3.0	-2.5	-2.0
Y=12H	-3.5	-3.1	-3.0	-2.6	-2.1	-3.5	-3.1	-3.0	-2.6	-2.1
X=8H Y=4H	-3.5	-3.0	-3.0	-2.5	-2.0	-3.5	-3.0	-3.0	-2.5	-2.0
Y=6H	-3.6	-3.2	-3.1	-2.7	-2.2	-3.6	-3.2	-3.1	-2.7	-2.2
Y=8H	-3.6	-3.3	-3.1	-2.8	-2.3	-3.6	-3.3	-3.1	-2.8	-2.3
Y=12H	-3.7	-3.4	-3.2	-2.9	-2.3	-3.7	-3.4	-3.2	-2.9	-2.3
X=12H Y=4H	-3.5	-3.1	-3.0	-2.6	-2.1	-3.5	-3.1	-3.0	-2.6	-2.1
Y=6H	-3.6	-3.3	-3.1	-2.8	-2.3	-3.6	-3.3	-3.1	-2.8	-2.3
Y=8H	-3.7	-3.4	-3.2	-2.9	-2.3	-3.7	-3.4	-3.2	-2.9	-2.3
Variations with the objerver 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.

IES Indoor Report

Photometric Filename:DL45-10-C5-01 2700K RA80 60D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	503.41	503.41	503.41	503.41
γ 1.0	499.52	494.89	516.69	495.54
γ 2.0	493.67	497.14	526.54	499.02
γ 3.0	488.83	502.83	534.57	503.26
γ 4.0	485.19	509.23	542.89	506.96
γ 5.0	484.89	516.17	549.37	510.21
γ 6.0	487.45	522.49	553.09	513.21
γ 7.0	491.22	528.76	556.43	514.24
γ 8.0	495.52	535.35	556.58	514.84
γ 9.0	498.45	539.54	553.51	514.08
γ 10.0	500.98	542.68	551.55	512.52
γ 11.0	501.68	542.71	548.31	509.19
γ 12.0	502.89	543.19	544.45	504.49
γ 13.0	502.14	540.48	539.04	499.62
γ 14.0	500.85	536.32	532.50	493.87
γ 15.0	497.70	530.49	523.88	486.53
γ 16.0	493.14	523.40	515.41	478.78
γ 17.0	487.80	516.35	504.97	469.94
γ 18.0	481.72	508.58	493.48	460.94
γ 19.0	474.39	500.34	480.49	450.67
γ 20.0	466.63	490.67	465.42	440.13
γ 21.0	456.70	478.96	450.22	428.55
γ 22.0	446.57	466.52	434.59	416.08
γ 23.0	436.38	453.94	419.35	401.73
γ 24.0	426.14	440.40	404.14	388.17
γ 25.0	415.02	424.67	389.11	373.51
γ 26.0	402.56	409.41	373.77	358.49
γ 27.0	390.06	394.29	359.67	342.85
γ 28.0	375.86	378.91	344.34	327.31
γ 29.0	360.52	363.67	328.47	310.86
γ 30.0	344.94	348.92	311.71	293.66
γ 31.0	328.68	334.11	294.47	275.17
γ 32.0	311.63	319.72	276.55	256.12
γ 33.0	294.13	304.05	257.95	236.85
γ 34.0	275.98	287.93	239.10	217.40
γ 35.0	257.69	270.70	220.40	197.05
γ 36.0	238.82	253.37	201.15	177.29
γ 37.0	220.04	236.12	181.83	158.26
γ 38.0	201.19	219.02	163.06	140.59
γ 39.0	182.35	201.31	144.89	123.85
γ 40.0	164.00	183.68	127.38	108.24
γ 41.0	145.99	165.96	110.71	94.25
γ 42.0	129.16	148.61	95.02	81.60
γ 43.0	113.34	131.65	80.38	70.45
γ 44.0	99.01	114.89	67.46	60.77
γ 45.0	85.75	99.01	56.27	52.47
γ 46.0	73.85	84.21	46.80	45.48

IES Indoor Report

Photometric Filename:DL45-10-C5-01 2700K RA80 60D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	63.33	70.66	39.11	39.59
γ 48.0	54.27	58.82	32.83	34.62
γ 49.0	46.59	48.99	27.74	30.47
γ 50.0	40.36	41.10	23.76	26.98
γ 51.0	35.03	34.77	20.64	24.09
γ 52.0	30.72	29.70	18.15	21.55
γ 53.0	27.12	25.63	16.10	19.31
γ 54.0	24.20	22.39	14.47	16.99
γ 55.0	21.76	19.63	13.13	14.61
γ 56.0	19.80	17.14	12.06	12.62
γ 57.0	18.16	14.79	11.14	10.98
γ 58.0	16.79	13.10	10.33	9.72
γ 59.0	15.58	11.77	9.60	8.67
γ 60.0	14.54	10.67	8.94	7.71
γ 61.0	13.57	9.69	8.32	6.77
γ 62.0	12.69	8.81	7.74	5.90
γ 63.0	11.86	7.92	7.20	5.15
γ 64.0	11.07	6.98	6.67	4.56
γ 65.0	10.30	6.04	6.17	4.13
γ 66.0	9.57	5.23	5.71	3.79
γ 67.0	8.85	4.54	5.26	3.50
γ 68.0	8.19	4.02	4.86	3.25
γ 69.0	7.54	3.60	4.46	3.02
γ 70.0	6.96	3.22	4.10	2.81
γ 71.0	6.42	2.89	3.75	2.59
γ 72.0	5.91	2.59	3.43	2.38
γ 73.0	5.42	2.30	3.13	2.17
γ 74.0	4.98	2.04	2.82	2.02
γ 75.0	4.56	1.78	2.51	1.84
γ 76.0	4.16	1.52	2.23	1.69
γ 77.0	3.79	1.33	1.95	1.54
γ 78.0	3.44	1.16	1.68	1.39
γ 79.0	3.10	0.99	1.41	1.25
γ 80.0	2.78	0.82	1.17	1.10
γ 81.0	2.46	0.66	0.92	0.96
γ 82.0	2.17	0.51	0.69	0.83
γ 83.0	1.88	0.36	0.46	0.68
γ 84.0	1.60	0.23	0.25	0.54
γ 85.0	1.33	0.08	0.04	0.41
γ 86.0	1.09	0.00	0.00	0.28
γ 87.0	0.84	0.00	0.00	0.17
γ 88.0	0.61	0.00	0.00	0.06
γ 89.0	0.39	0.00	0.00	0.00
γ 90.0	0.20	0.00	0.00	0.00
γ 91.0	0.04	0.00	0.00	0.00
γ 92.0	0.00	0.00	0.00	0.00
γ 93.0	0.00	0.00	0.00	0.00

IES Indoor Report

Photometric Filename:DL45-10-C5-01 2700K RA80 60D.IES

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	0.00	0.00	0.00	0.06
γ 135.0	0.00	0.00	0.00	0.12
γ 136.0	0.00	0.00	0.04	0.16
γ 137.0	0.02	0.00	0.10	0.22
γ 138.0	0.07	0.00	0.16	0.28
γ 139.0	0.13	0.00	0.22	0.32
γ 140.0	0.19	0.00	0.29	0.38

IES Indoor Report

Photometric Filename:DL45-10-C5-01 2700K RA80 60D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	0.25	0.00	0.34	0.43
γ 142.0	0.31	0.00	0.40	0.49
γ 143.0	0.36	0.03	0.47	0.54
γ 144.0	0.41	0.11	0.52	0.59
γ 145.0	0.47	0.16	0.58	0.64
γ 146.0	0.52	0.22	0.63	0.68
γ 147.0	0.57	0.28	0.69	0.74
γ 148.0	0.64	0.33	0.77	0.79
γ 149.0	0.68	0.39	0.82	0.84
γ 150.0	0.73	0.44	0.88	0.88
γ 151.0	0.78	0.50	0.94	0.93
γ 152.0	0.83	0.56	0.99	0.98
γ 153.0	0.88	0.62	1.04	1.02
γ 154.0	0.93	0.67	1.10	1.08
γ 155.0	0.98	0.72	1.16	1.13
γ 156.0	1.03	0.77	1.21	1.17
γ 157.0	1.08	0.83	1.27	1.22
γ 158.0	1.14	0.88	1.32	1.27
γ 159.0	1.19	0.93	1.37	1.32
γ 160.0	1.24	0.99	1.43	1.37
γ 161.0	1.30	1.05	1.48	1.42
γ 162.0	1.35	1.11	1.53	1.45
γ 163.0	1.40	1.17	1.58	1.50
γ 164.0	1.45	1.23	1.64	1.55
γ 165.0	1.50	1.27	1.69	1.59
γ 166.0	1.55	1.32	1.73	1.64
γ 167.0	1.61	1.38	1.78	1.68
γ 168.0	1.65	1.44	1.84	1.72
γ 169.0	1.71	1.49	1.88	1.77
γ 170.0	1.76	1.54	1.93	1.80
γ 171.0	1.80	1.59	1.97	1.83
γ 172.0	1.85	1.64	2.00	1.87
γ 173.0	1.90	1.69	2.03	1.89
γ 174.0	1.92	1.72	2.06	1.92
γ 175.0	1.96	1.77	2.09	1.93
γ 176.0	1.98	1.81	2.11	1.95
γ 177.0	2.02	1.85	2.12	1.97
γ 178.0	2.03	1.88	2.14	1.97
γ 179.0	2.05	1.90	2.14	1.97
γ 180.0	2.05	2.05	2.05	2.05
