

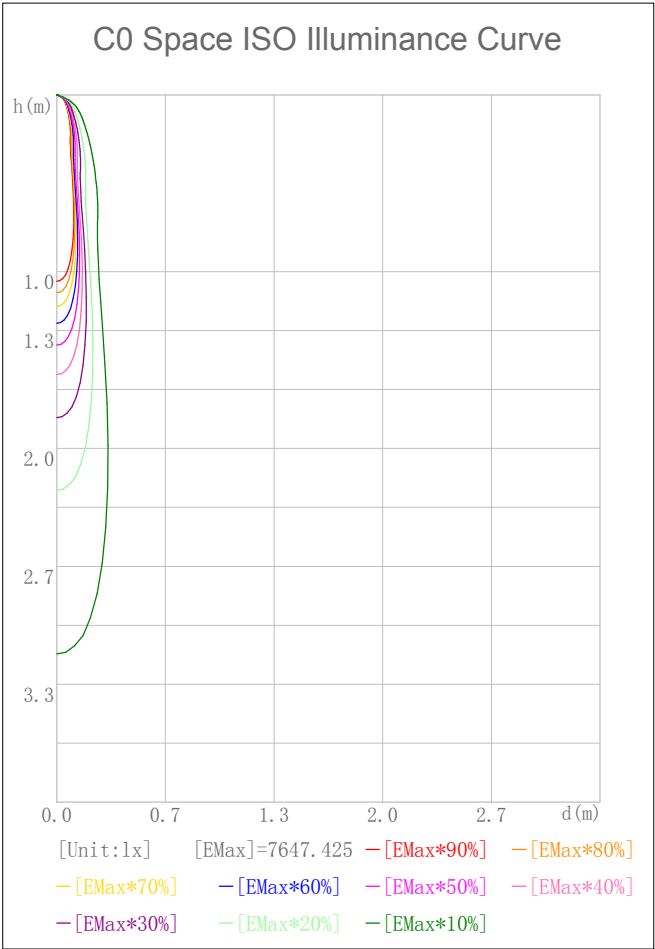
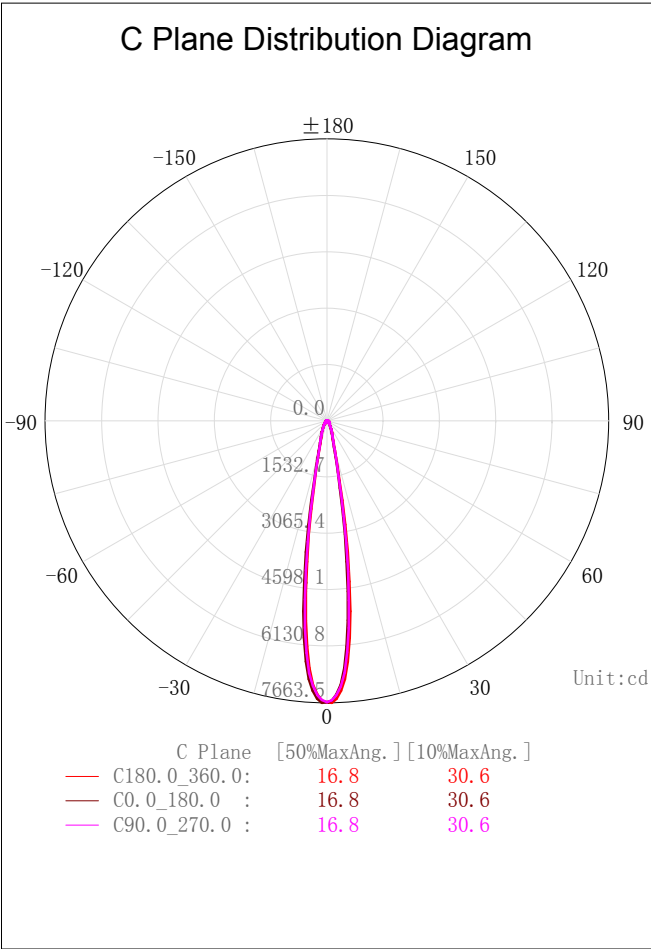
Indoor Luminaire Photometric Data

Description Information

Luminary Name: 55252		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2018/11/30
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT (K): 3000 Ra:
Lum. Size (W*L*H):0.050m*-0.050m*0.000m		Lum. Area (m2):0.002	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity (%): 50.0

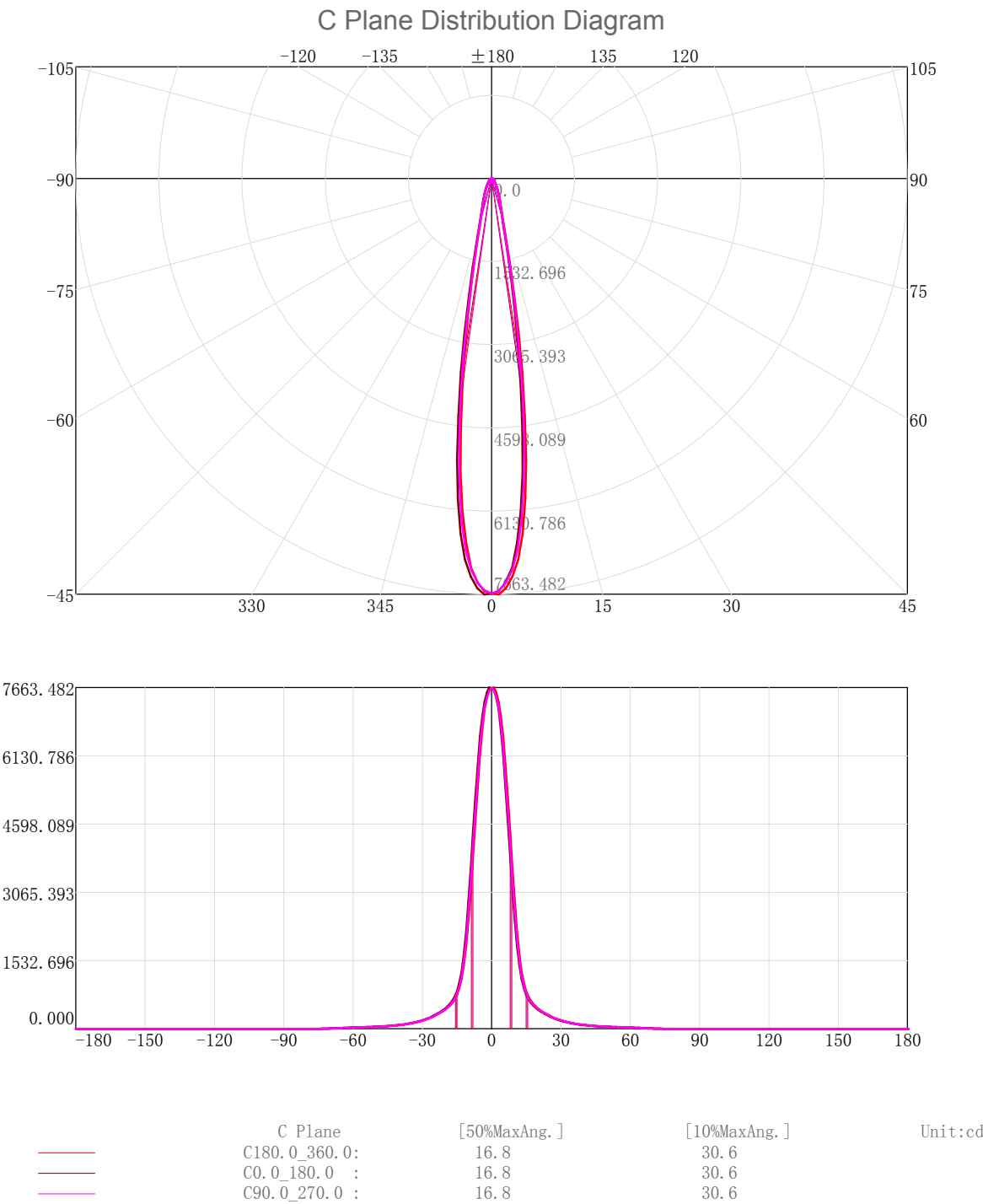
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1064.060	Luminary Flux(lm): 1064.057	Field Angle(10%Imax): 30.6(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1063.892lm 99.98%	
Rated Voltage(V): 220	Luminary EER(lm/W): 81.102	Up Lumens&Percent: 0.166lm 0.02%	
Tested Power(W): 13.120	Max. Candela(cd): 7663.482	S/MH: C0_a180=0.290 C90_270=0.289	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):219.5, 0.107, 0.558	Beam Angle(50%Imax): 16.8(°)	ErP Φuse(90°): 986.089lm	
Lamp Size (W*L*H):0.050m*-0.050m*0.000m	Left=-8.1°, Right=8.7°	IRF (%): 1562.745	



2D Plane Light Intensity Distribution Curve

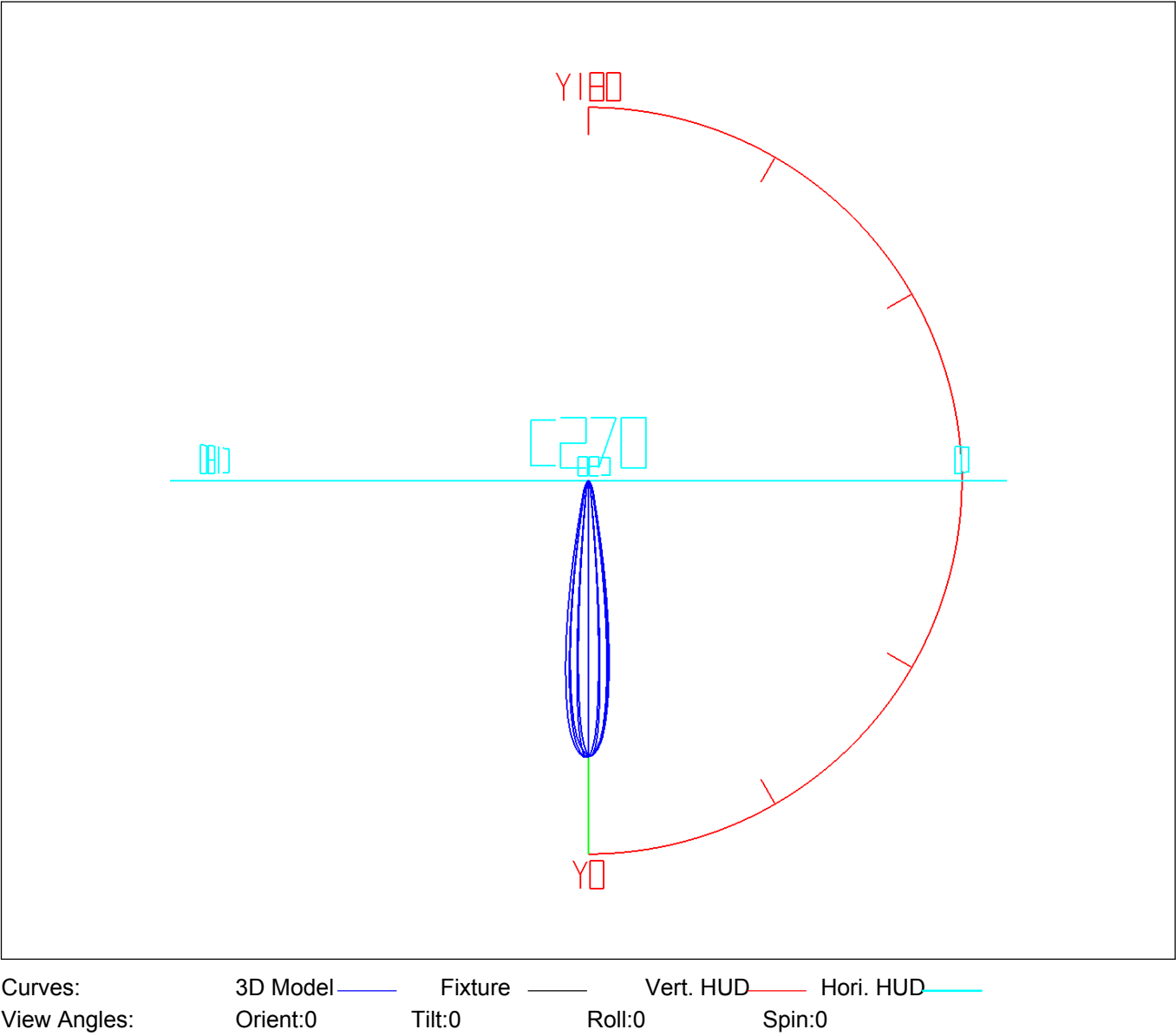
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/11/30



3D Light Intensity Distribution Modal

Lum. Name:55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/11/30

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:UL-15W-小角度.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	7.29	7.29	0.69	0.69	47.0-48.0	4.48	999.32	0.42	93.92
1.0-2.0	21.61	28.90	2.03	2.72	48.0-49.0	4.33	1003.64	0.41	94.32
2.0-3.0	35.13	64.03	3.30	6.02	49.0-50.0	4.17	1007.82	0.39	94.71
3.0-4.0	47.16	111.19	4.43	10.45	50.0-51.0	4.03	1011.84	0.38	95.09
4.0-5.0	56.72	167.91	5.33	15.78	51.0-52.0	3.88	1015.72	0.36	95.46
5.0-6.0	62.99	230.91	5.92	21.70	52.0-53.0	3.74	1019.46	0.35	95.81
6.0-7.0	65.60	296.51	6.17	27.87	53.0-54.0	3.61	1023.07	0.34	96.15
7.0-8.0	64.59	361.10	6.07	33.94	54.0-55.0	3.48	1026.56	0.33	96.48
8.0-9.0	60.44	421.54	5.68	39.62	55.0-56.0	3.36	1029.92	0.32	96.79
9.0-10.0	54.01	475.56	5.08	44.69	56.0-57.0	3.25	1033.17	0.31	97.10
10.0-11.0	46.44	522.00	4.36	49.06	57.0-58.0	3.13	1036.30	0.29	97.39
11.0-12.0	38.93	560.93	3.66	52.72	58.0-59.0	3.00	1039.30	0.28	97.67
12.0-13.0	32.52	593.45	3.06	55.77	59.0-60.0	2.87	1042.16	0.27	97.94
13.0-14.0	27.73	621.19	2.61	58.38	60.0-61.0	2.73	1044.89	0.26	98.20
14.0-15.0	24.35	645.54	2.29	60.67	61.0-62.0	2.59	1047.48	0.24	98.44
15.0-16.0	21.94	667.47	2.06	62.73	62.0-63.0	2.43	1049.91	0.23	98.67
16.0-17.0	20.20	687.67	1.90	64.63	63.0-64.0	2.24	1052.15	0.21	98.88
17.0-18.0	18.94	706.61	1.78	66.41	64.0-65.0	2.05	1054.21	0.19	99.07
18.0-19.0	17.99	724.60	1.69	68.10	65.0-66.0	1.84	1056.05	0.17	99.25
19.0-20.0	17.21	741.81	1.62	69.72	66.0-67.0	1.62	1057.67	0.15	99.40
20.0-21.0	16.53	758.34	1.55	71.27	67.0-68.0	1.40	1059.07	0.13	99.53
21.0-22.0	15.89	774.22	1.49	72.76	68.0-69.0	1.18	1060.25	0.11	99.64
22.0-23.0	15.24	789.46	1.43	74.19	69.0-70.0	0.99	1061.24	0.09	99.74
23.0-24.0	14.56	804.02	1.37	75.56	70.0-71.0	0.82	1062.06	0.08	99.81
24.0-25.0	13.87	817.90	1.30	76.87	71.0-72.0	0.66	1062.72	0.06	99.87
25.0-26.0	13.18	831.08	1.24	78.10	72.0-73.0	0.51	1063.23	0.05	99.92
26.0-27.0	12.52	843.60	1.18	79.28	73.0-74.0	0.36	1063.60	0.03	99.96
27.0-28.0	11.89	855.48	1.12	80.40	74.0-75.0	0.21	1063.81	0.02	99.98
28.0-29.0	11.28	866.77	1.06	81.46	75.0-76.0	0.08	1063.89	0.01	99.98
29.0-30.0	10.70	877.47	1.01	82.46	76.0-77.0	0.01	1063.89	0.00	99.98
30.0-31.0	10.15	887.61	0.95	83.42	77.0-78.0	0.00	1063.89	0.00	99.98
31.0-32.0	9.61	897.23	0.90	84.32	78.0-79.0	0.00	1063.89	0.00	99.98
32.0-33.0	9.10	906.33	0.86	85.18	79.0-80.0	0.00	1063.89	0.00	99.98
33.0-34.0	8.62	914.94	0.81	85.99	80.0-81.0	0.00	1063.89	0.00	99.98
34.0-35.0	8.16	923.10	0.77	86.75	81.0-82.0	0.00	1063.89	0.00	99.98
35.0-36.0	7.72	930.83	0.73	87.48	82.0-83.0	0.00	1063.89	0.00	99.98
36.0-37.0	7.32	938.14	0.69	88.17	83.0-84.0	0.00	1063.89	0.00	99.98
37.0-38.0	6.94	945.09	0.65	88.82	84.0-85.0	0.00	1063.89	0.00	99.98
38.0-39.0	6.60	951.68	0.62	89.44	85.0-86.0	0.00	1063.89	0.00	99.98
39.0-40.0	6.28	957.97	0.59	90.03	86.0-87.0	0.00	1063.89	0.00	99.98
40.0-41.0	5.99	963.96	0.56	90.59	87.0-88.0	0.00	1063.89	0.00	99.98
41.0-42.0	5.72	969.68	0.54	91.13	88.0-89.0	0.00	1063.89	0.00	99.98
42.0-43.0	5.46	975.14	0.51	91.64	89.0-90.0	0.00	1063.89	0.00	99.98
43.0-44.0	5.23	980.36	0.49	92.13	90.0-91.0	0.00	1063.89	0.00	99.98
44.0-45.0	5.01	985.37	0.47	92.61	91.0-92.0	0.00	1063.89	0.00	99.98
45.0-46.0	4.82	990.19	0.45	93.06	92.0-93.0	0.00	1063.89	0.00	99.98
46.0-47.0	4.64	994.83	0.44	93.49	93.0-94.0	0.00	1063.89	0.00	99.98

IES Indoor Report

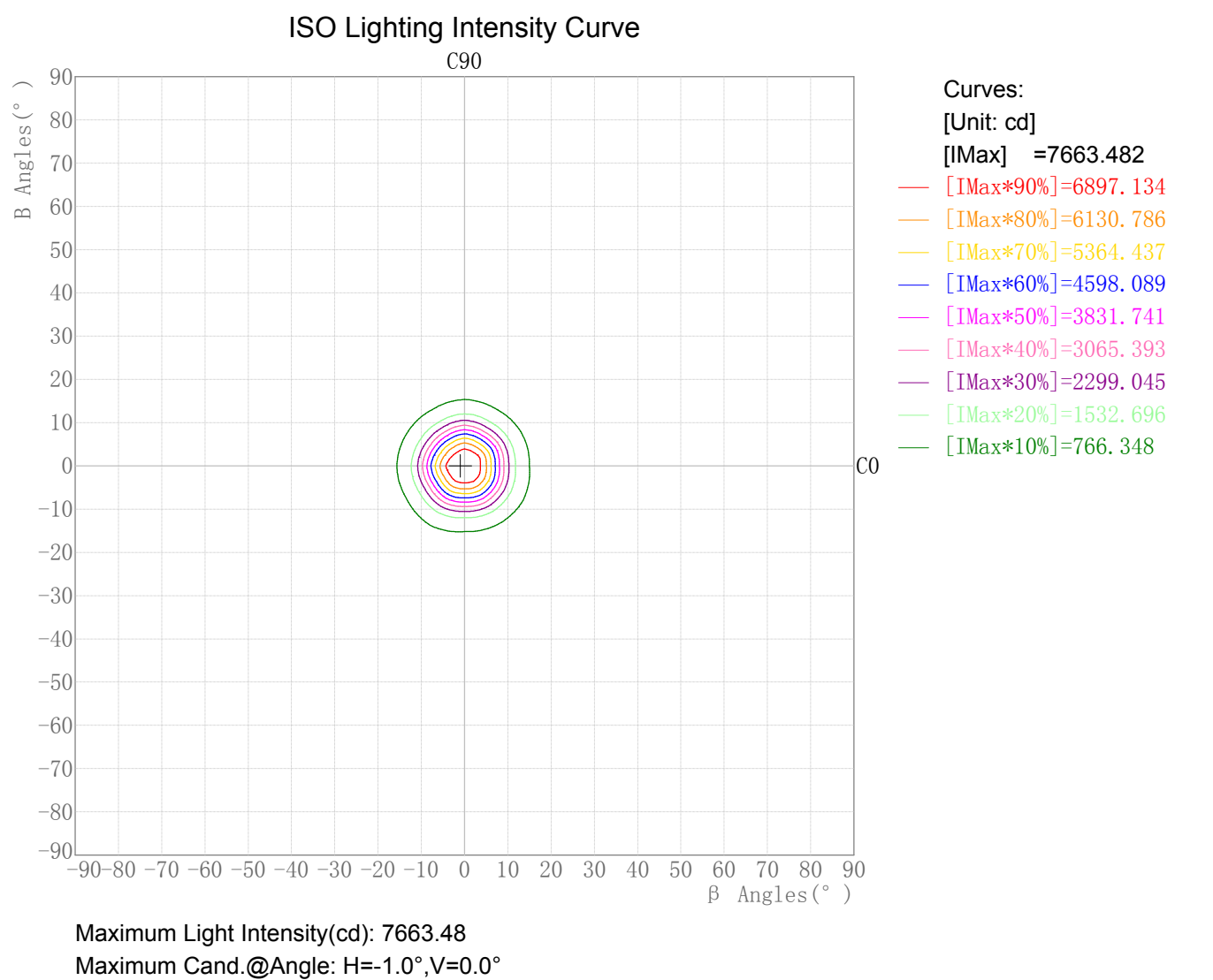
Photometric Filename:UL-15W-小角度.IES

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	1063.89	0.00	99.98	141.0-142.0	0.00	1063.89	0.00	99.98
95.0-96.0	0.00	1063.89	0.00	99.98	142.0-143.0	0.00	1063.89	0.00	99.98
96.0-97.0	0.00	1063.89	0.00	99.98	143.0-144.0	0.00	1063.89	0.00	99.98
97.0-98.0	0.00	1063.89	0.00	99.98	144.0-145.0	0.00	1063.89	0.00	99.98
98.0-99.0	0.00	1063.89	0.00	99.98	145.0-146.0	0.00	1063.89	0.00	99.98
99.0-100.0	0.00	1063.89	0.00	99.98	146.0-147.0	0.00	1063.89	0.00	99.98
100.0-101.0	0.00	1063.89	0.00	99.98	147.0-148.0	0.00	1063.89	0.00	99.98
101.0-102.0	0.00	1063.89	0.00	99.98	148.0-149.0	0.00	1063.89	0.00	99.98
102.0-103.0	0.00	1063.89	0.00	99.98	149.0-150.0	0.00	1063.89	0.00	99.98
103.0-104.0	0.00	1063.89	0.00	99.98	150.0-151.0	0.00	1063.89	0.00	99.98
104.0-105.0	0.00	1063.89	0.00	99.98	151.0-152.0	0.00	1063.89	0.00	99.98
105.0-106.0	0.00	1063.89	0.00	99.98	152.0-153.0	0.00	1063.89	0.00	99.98
106.0-107.0	0.00	1063.89	0.00	99.98	153.0-154.0	0.00	1063.89	0.00	99.98
107.0-108.0	0.00	1063.89	0.00	99.98	154.0-155.0	0.00	1063.89	0.00	99.98
108.0-109.0	0.00	1063.89	0.00	99.98	155.0-156.0	0.00	1063.89	0.00	99.98
109.0-110.0	0.00	1063.89	0.00	99.98	156.0-157.0	0.00	1063.89	0.00	99.98
110.0-111.0	0.00	1063.89	0.00	99.98	157.0-158.0	0.00	1063.89	0.00	99.98
111.0-112.0	0.00	1063.89	0.00	99.98	158.0-159.0	0.00	1063.89	0.00	99.98
112.0-113.0	0.00	1063.89	0.00	99.98	159.0-160.0	0.00	1063.89	0.00	99.98
113.0-114.0	0.00	1063.89	0.00	99.98	160.0-161.0	0.00	1063.89	0.00	99.98
114.0-115.0	0.00	1063.89	0.00	99.98	161.0-162.0	0.01	1063.90	0.00	99.98
115.0-116.0	0.00	1063.89	0.00	99.98	162.0-163.0	0.01	1063.91	0.00	99.99
116.0-117.0	0.00	1063.89	0.00	99.98	163.0-164.0	0.01	1063.92	0.00	99.99
117.0-118.0	0.00	1063.89	0.00	99.98	164.0-165.0	0.02	1063.94	0.00	99.99
118.0-119.0	0.00	1063.89	0.00	99.98	165.0-166.0	0.02	1063.96	0.00	99.99
119.0-120.0	0.00	1063.89	0.00	99.98	166.0-167.0	0.02	1063.97	0.00	99.99
120.0-121.0	0.00	1063.89	0.00	99.98	167.0-168.0	0.02	1063.99	0.00	99.99
121.0-122.0	0.00	1063.89	0.00	99.98	168.0-169.0	0.02	1064.01	0.00	99.99
122.0-123.0	0.00	1063.89	0.00	99.98	169.0-170.0	0.01	1064.02	0.00	100.00
123.0-124.0	0.00	1063.89	0.00	99.98	170.0-171.0	0.01	1064.03	0.00	100.00
124.0-125.0	0.00	1063.89	0.00	99.98	171.0-172.0	0.01	1064.04	0.00	100.00
125.0-126.0	0.00	1063.89	0.00	99.98	172.0-173.0	0.01	1064.05	0.00	100.00
126.0-127.0	0.00	1063.89	0.00	99.98	173.0-174.0	0.00	1064.05	0.00	100.00
127.0-128.0	0.00	1063.89	0.00	99.98	174.0-175.0	0.00	1064.06	0.00	100.00
128.0-129.0	0.00	1063.89	0.00	99.98	175.0-176.0	0.00	1064.06	0.00	100.00
129.0-130.0	0.00	1063.89	0.00	99.98	176.0-177.0	0.00	1064.06	0.00	100.00
130.0-131.0	0.00	1063.89	0.00	99.98	177.0-178.0	0.00	1064.06	0.00	100.00
131.0-132.0	0.00	1063.89	0.00	99.98	178.0-179.0	0.00	1064.06	0.00	100.00
132.0-133.0	0.00	1063.89	0.00	99.98	179.0-180.0	0.00	1064.06	0.00	100.00
133.0-134.0	0.00	1063.89	0.00	99.98					
134.0-135.0	0.00	1063.89	0.00	99.98					
135.0-136.0	0.00	1063.89	0.00	99.98					
136.0-137.0	0.00	1063.89	0.00	99.98					
137.0-138.0	0.00	1063.89	0.00	99.98					
138.0-139.0	0.00	1063.89	0.00	99.98					
139.0-140.0	0.00	1063.89	0.00	99.98					
140.0-141.0	0.00	1063.89	0.00	99.98					

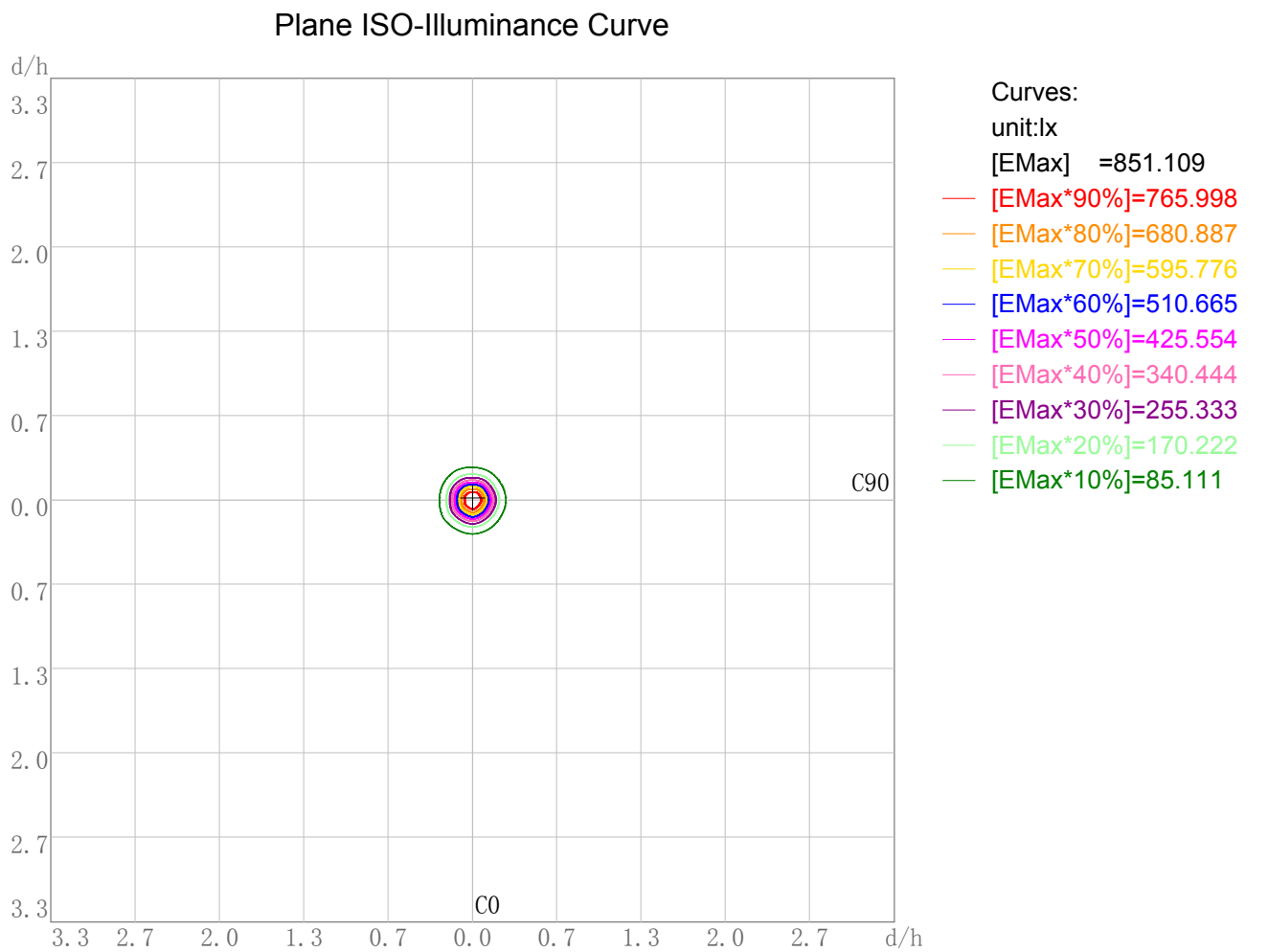
Rectangle ISO Lighting Intensity Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/11/30



Plane ISO-Illuminance Diagram

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/11/30

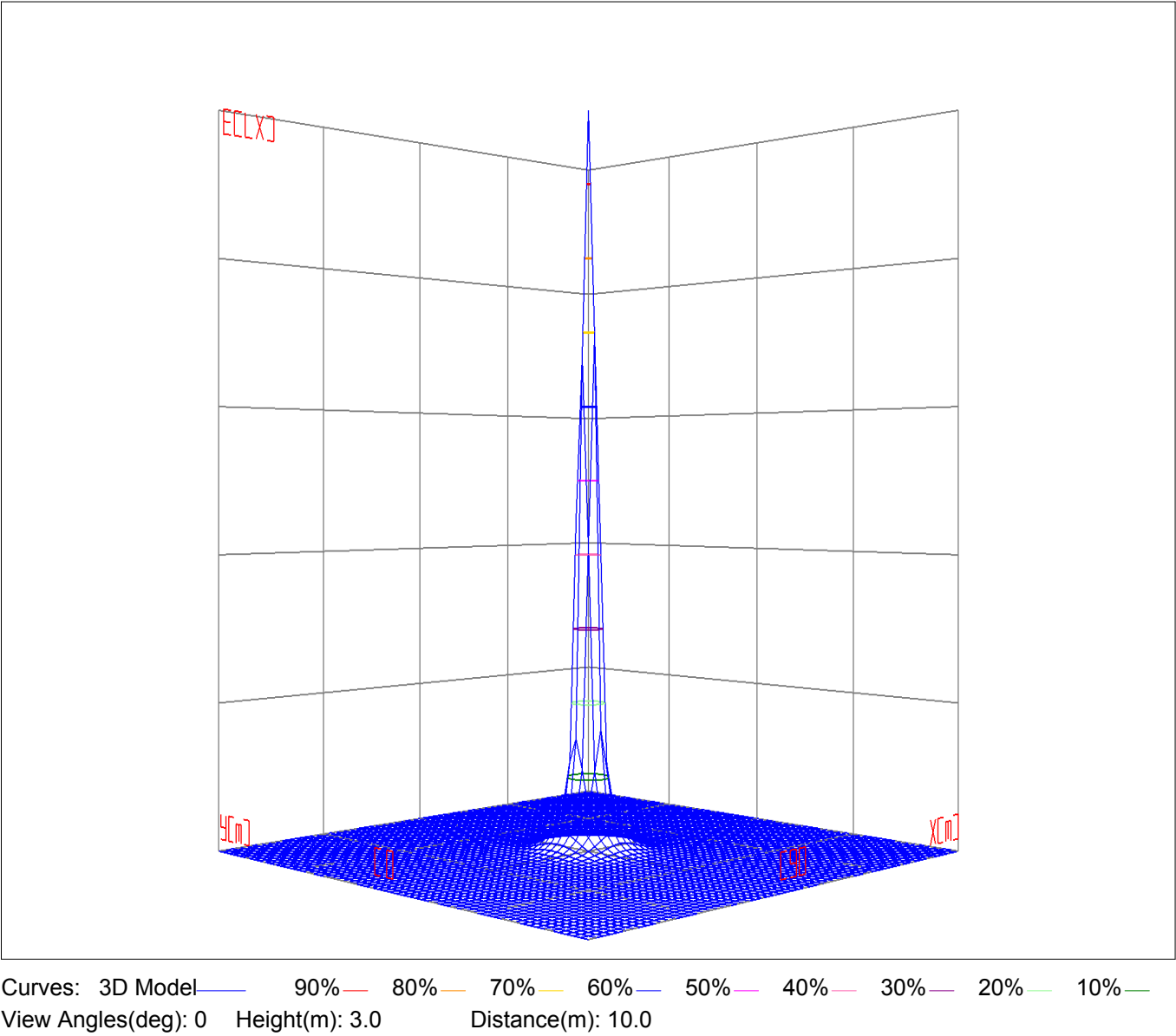


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 851.11
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/11/30

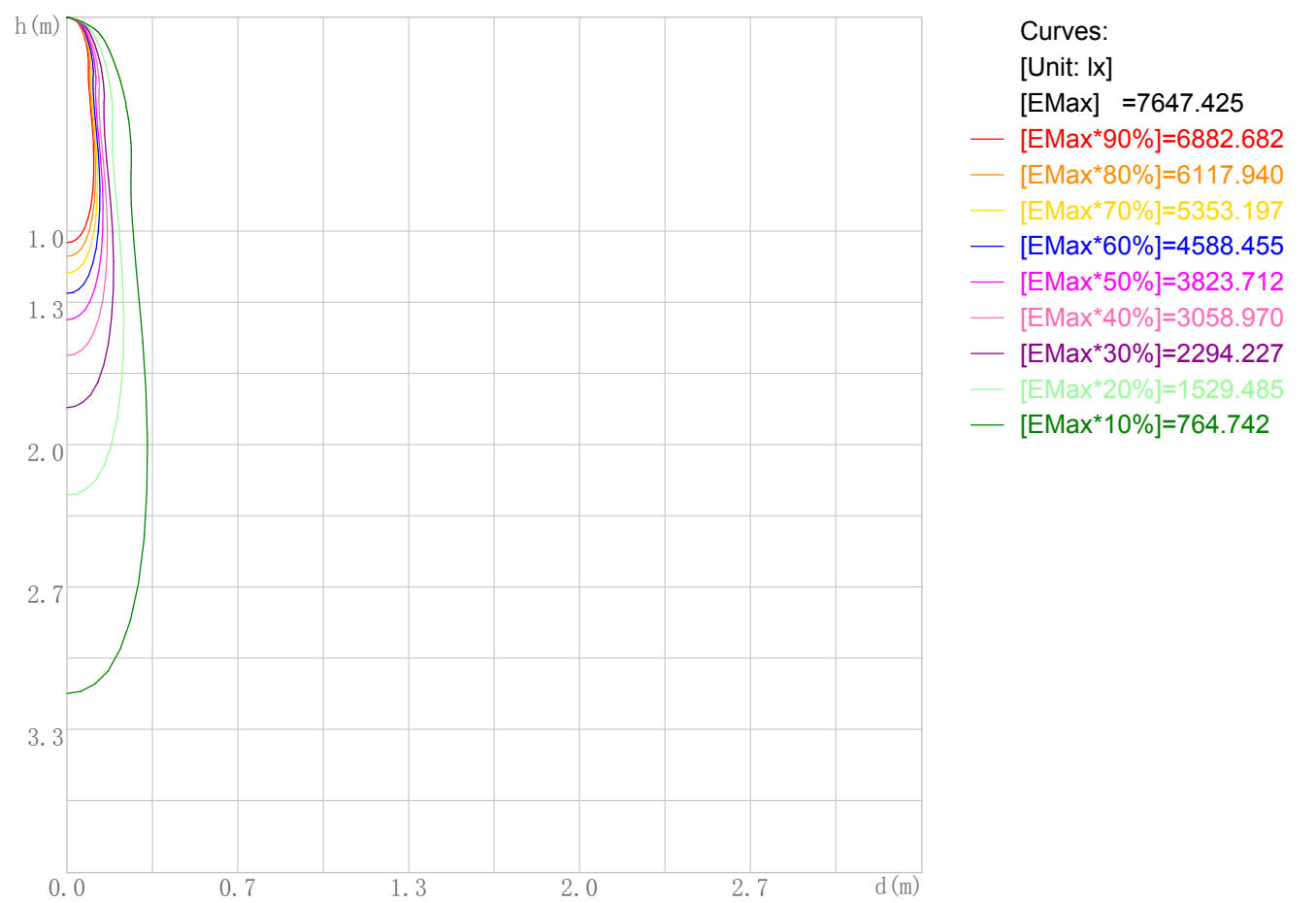
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

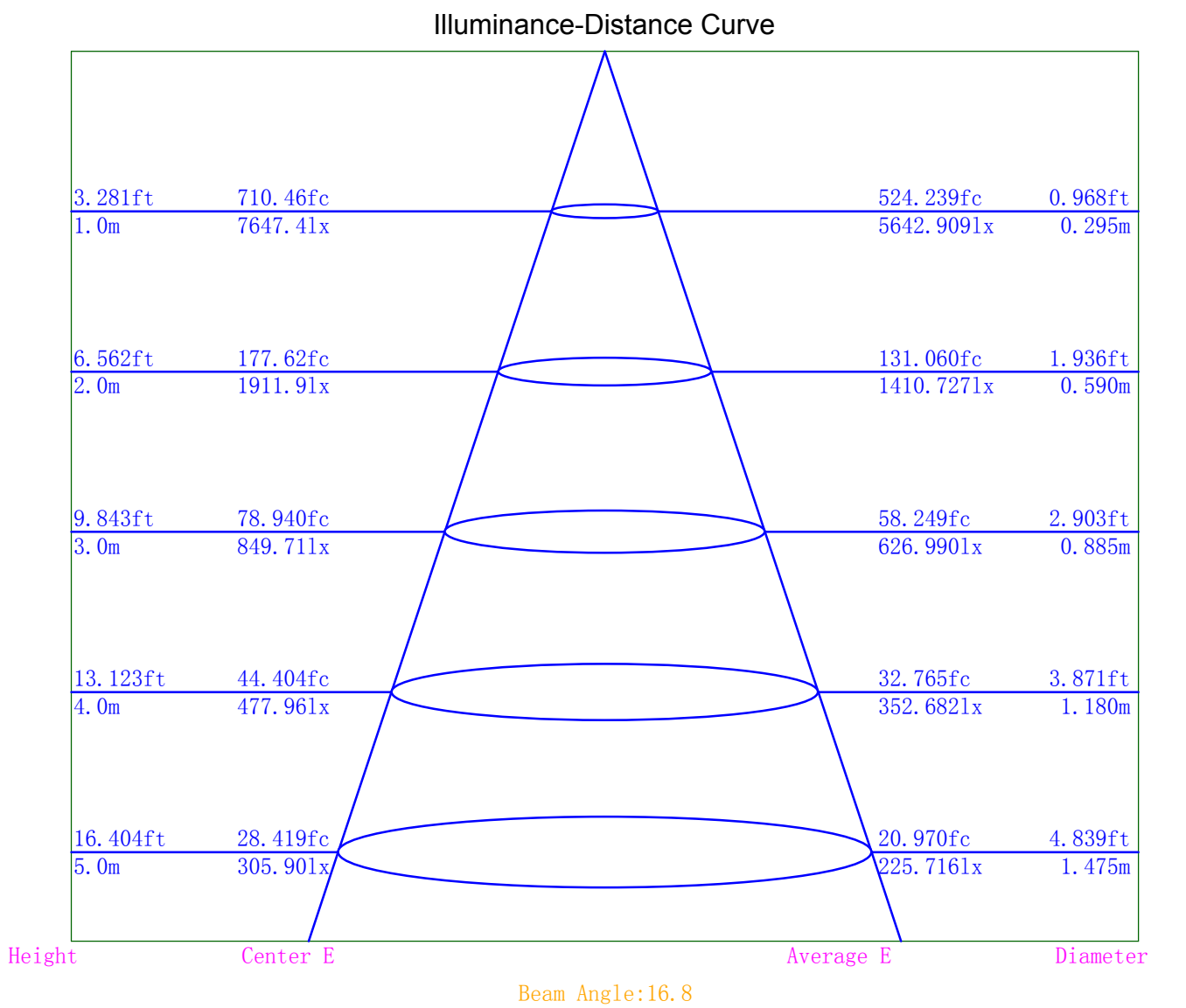
Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/11/30

Space ISO Illuminance Curve



Illuminance-Distance Diagram

Lum. Name: 55252	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/11/30



Photometric Filename:UL-15W-小角度.IES

Indoor Luminance Limiting Curves

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/11/30

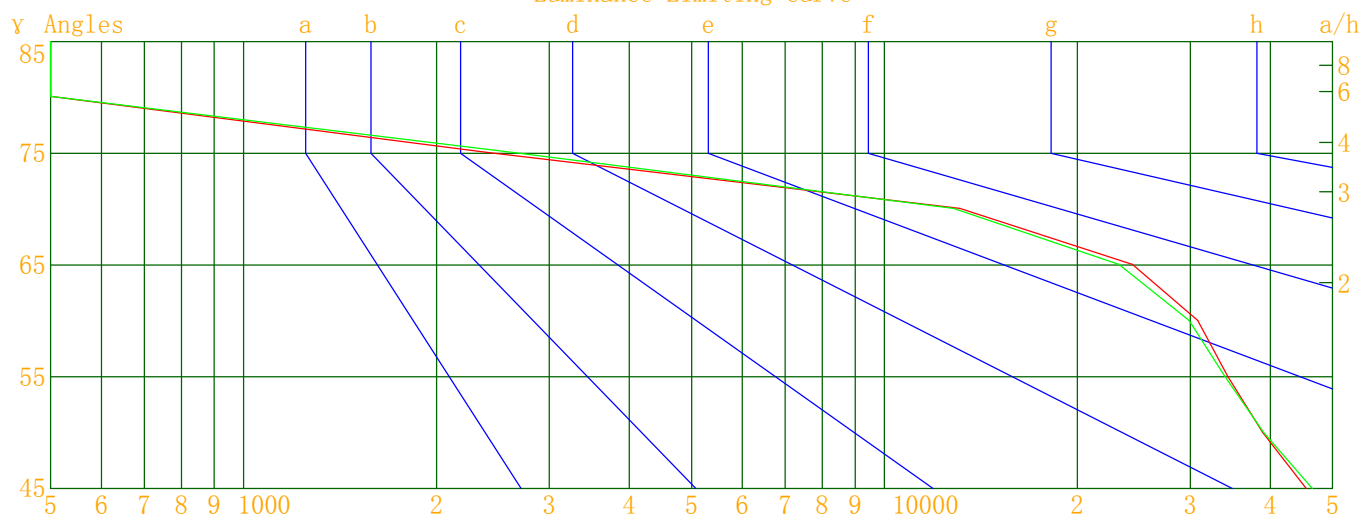
Glare Grade Table



GI	Quality	Using Illuminace							
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

Bulfinch's Table									
Gama (deg)	45	50	55	60	65	70	75	80	85
C0	45493	38909	34338	30808	24365	13107	2397	0	0
C90	46484	39034	33962	29864	23210	12820	2629	0	0

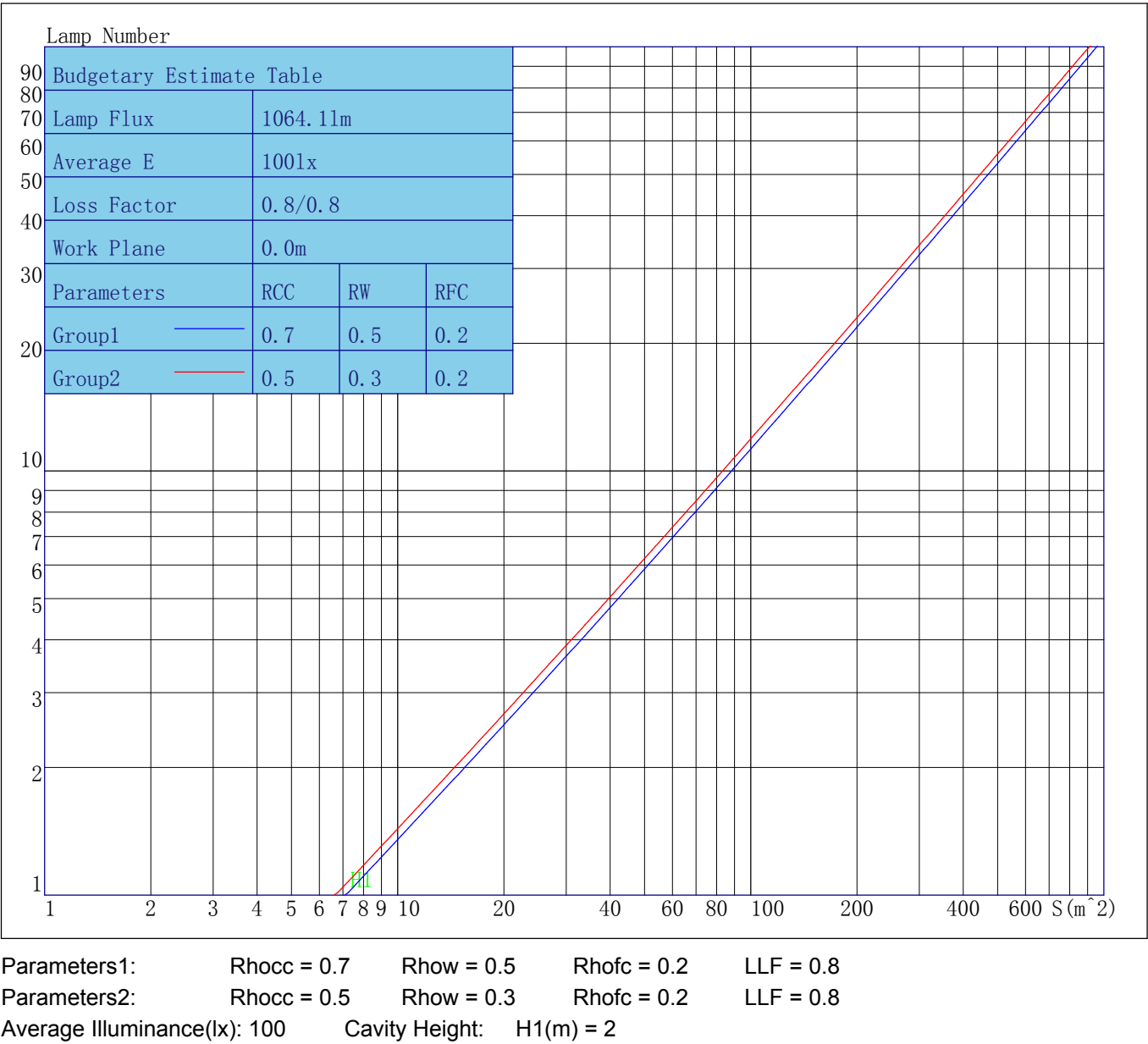
Luminance Limiting Curve



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

Indoor Budgetary Estimate Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/11/30



Indoor Coefficient of Utilization Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/11/30

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	115	112	110	108	112	110	108	107	106	105	103	102	101	100	99	98	97	96
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91
3	106	101	97	94	104	100	96	93	97	94	92	95	92	90	93	91	89	87
4	102	96	92	89	101	95	91	88	93	90	87	91	89	86	90	87	85	84
5	99	93	88	85	98	92	87	84	90	86	84	88	85	83	87	84	82	81
6	96	89	85	81	95	88	84	81	87	83	80	86	82	80	85	82	79	78
7	93	86	82	78	92	85	81	78	84	81	78	83	80	77	82	79	77	76
8	90	83	79	76	89	83	79	76	82	78	75	81	78	75	80	77	75	74
9	88	81	77	74	87	81	76	74	80	76	73	79	76	73	78	75	73	72
10	86	79	75	72	85	78	74	72	78	74	72	77	74	71	76	73	71	70

Unified Glare Rating Table

Lum. Name: 55252	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2018/11/30

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	20.6	21.6	20.9	21.9	22.2	20.4	21.5	20.8	21.8	22.1
	Y=3H	20.9	21.8	21.3	22.2	22.5	20.8	21.7	21.2	22.0	22.4
	Y=4H	20.9	21.7	21.3	22.1	22.4	20.7	21.5	21.1	21.9	22.3
	Y=6H	20.8	21.5	21.2	21.9	22.3	20.6	21.4	21.0	21.7	22.1
	Y=8H	20.7	21.4	21.1	21.8	22.2	20.5	21.3	21.0	21.7	22.1
	Y=12H	20.7	21.3	21.1	21.7	22.1	20.5	21.2	20.9	21.6	22.0
X=4H	Y=2H	20.8	21.6	21.2	22.0	22.4	20.7	21.5	21.1	21.9	22.2
	Y=3H	21.2	21.9	21.6	22.3	22.7	21.0	21.7	21.4	22.1	22.5
	Y=4H	21.1	21.7	21.6	22.2	22.6	20.9	21.5	21.4	22.0	22.4
	Y=6H	21.0	21.5	21.5	22.0	22.5	20.8	21.4	21.3	21.8	22.3
	Y=8H	21.0	21.4	21.4	21.9	22.4	20.8	21.2	21.2	21.7	22.2
	Y=12H	20.9	21.3	21.4	21.8	22.3	20.7	21.1	21.2	21.6	22.1
X=8H	Y=4H	21.0	21.5	21.5	21.9	22.4	20.8	21.3	21.3	21.7	22.2
	Y=6H	20.9	21.2	21.4	21.8	22.3	20.7	21.1	21.2	21.6	22.1
	Y=8H	20.8	21.1	21.3	21.7	22.2	20.6	20.9	21.1	21.5	22.0
	Y=12H	20.7	21.0	21.3	21.5	22.1	20.6	20.8	21.1	21.3	21.9
X=12H	Y=4H	20.9	21.3	21.4	21.8	22.3	20.7	21.2	21.2	21.6	22.1
	Y=6H	20.8	21.1	21.3	21.6	22.2	20.6	20.9	21.2	21.4	22.0
	Y=8H	20.7	21.0	21.3	21.5	22.1	20.6	20.8	21.1	21.3	21.9
Variations with the objerver position at spacings											
S=1.0H		5.7/0.0					5.0/0.0				
S=1.5H		4.9/0.0					4.9/0.0				
S=2.0H		4.6/-22.9					4.6/-27.3				
Reduced UGR Table:											
Nordic Standard Table:		BK0					BK0				
Correction Value		0.6					0.6				

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

IES Indoor Report

Photometric Filename:UL-15W-小角度.IES

Candela Tabulation

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
Y 0. 0	7647. 42	7647. 42	7647. 42	7647. 42	7647. 42	7647. 42	7647. 42	7647. 42	7647. 42	7647. 42	7647. 42	7647. 42
Y 1. 0	7604. 65	7620. 03	7588. 75	7597. 01	7535. 13	7541. 78	7663. 48	7614. 90	7611. 69	7586. 34	7586. 91	7566. 32
Y 2. 0	7444. 41	7474. 14	7431. 42	7456. 65	7370. 03	7395. 98	7553. 66	7483. 74	7511. 07	7457. 23	7483. 50	7461. 35
Y 3. 0	7180. 27	7266. 64	7191. 69	7232. 07	7125. 20	7161. 32	7345. 17	7252. 91	7269. 50	7211. 19	7282. 09	7228. 74
Y 4. 0	6735. 86	6892. 98	6780. 71	6864. 95	6711. 86	6781. 36	7035. 63	6875. 30	6931. 44	6867. 55	6956. 02	6882. 82
Y 5. 0	6154. 98	6333. 95	6193. 99	6314. 03	6132. 93	6223. 86	6568. 54	6339. 86	6452. 67	6330. 83	6474. 84	6384. 37
Y 6. 0	5452. 27	5658. 73	5497. 52	5659. 76	5434. 42	5557. 26	5934. 52	5683. 22	5810. 86	5662. 20	5845. 83	5742. 71
Y 7. 0	4669. 22	4895. 02	4730. 80	4920. 12	4658. 12	4796. 17	5212. 41	4923. 12	5083. 28	4895. 21	5117. 44	4992. 89
Y 8. 0	3871. 09	4091. 63	3922. 33	4132. 60	3867. 16	4003. 00	4412. 82	4141. 37	4306. 73	4106. 97	4337. 60	4218. 30
Y 9. 0	3116. 27	3303. 01	3137. 72	3348. 05	3107. 09	3228. 01	3614. 32	3362. 78	3538. 19	3330. 57	3554. 33	3441. 09
Y 10. 0	2434. 60	2584. 44	2440. 75	2632. 28	2421. 01	2523. 83	2866. 20	2652. 38	2821. 73	2613. 28	2827. 42	2724. 58
Y 11. 0	1866. 02	1977. 43	1861. 89	2028. 86	1848. 34	1934. 69	2201. 04	2039. 41	2187. 84	1992. 82	2182. 22	2114. 58
Y 12. 0	1426. 85	1505. 24	1421. 10	1546. 37	1409. 37	1479. 24	1669. 49	1560. 22	1674. 43	1515. 65	1661. 88	1626. 97
Y 13. 0	1120. 99	1170. 39	1115. 60	1201. 84	1106. 56	1158. 51	1286. 32	1210. 03	1296. 26	1174. 21	1280. 30	1269. 57
Y 14. 0	912. 08	943. 88	907. 26	970. 67	902. 90	943. 53	1029. 12	973. 33	1046. 05	944. 48	1014. 06	1021. 06
Y 15. 0	764. 74	786. 97	763. 76	807. 32	759. 13	794. 33	849. 47	810. 69	872. 04	785. 27	833. 92	848. 10
Y 16. 0	659. 20	671. 11	658. 24	690. 96	656. 91	684. 35	722. 88	691. 96	744. 83	674. 73	707. 65	725. 43
Y 17. 0	583. 42	588. 94	580. 04	607. 05	581. 09	602. 42	631. 13	606. 61	648. 59	595. 19	616. 39	634. 34
Y 18. 0	524. 92	527. 50	520. 34	544. 13	523. 76	540. 09	561. 62	543. 55	576. 51	535. 04	549. 63	565. 54
Y 19. 0	477. 27	477. 85	471. 02	493. 85	476. 88	489. 67	506. 83	492. 20	518. 93	485. 41	497. 70	508. 60
Y 20. 0	437. 14	436. 49	429. 57	453. 05	437. 77	446. 88	461. 91	449. 60	471. 50	444. 25	455. 14	462. 45
Y 21. 0	401. 93	400. 96	393. 06	416. 50	403. 21	409. 85	423. 54	412. 92	431. 37	408. 01	418. 76	422. 71
Y 22. 0	369. 65	368. 79	361. 11	383. 12	370. 90	375. 77	390. 04	379. 89	395. 52	374. 85	386. 29	387. 74
Y 23. 0	339. 09	338. 01	331. 87	352. 15	341. 98	345. 01	357. 60	347. 64	362. 51	343. 50	355. 42	355. 33
Y 24. 0	310. 45	309. 54	303. 57	323. 45	314. 20	317. 00	327. 94	318. 70	331. 86	314. 56	326. 49	325. 26
Y 25. 0	283. 37	283. 41	277. 46	296. 46	288. 59	290. 27	300. 09	291. 04	303. 65	287. 70	298. 92	297. 23
Y 26. 0	258. 94	259. 42	253. 77	272. 06	265. 79	265. 59	274. 39	266. 72	277. 74	262. 88	274. 30	271. 62
Y 27. 0	237. 10	237. 98	232. 53	249. 87	244. 98	243. 66	251. 29	244. 85	254. 19	240. 70	252. 04	248. 15
Y 28. 0	217. 66	218. 63	213. 23	229. 93	224. 73	223. 77	230. 50	225. 21	232. 88	220. 95	231. 87	227. 43
Y 29. 0	200. 08	200. 99	196. 27	211. 36	206. 83	205. 13	211. 27	206. 12	213. 92	203. 49	213. 32	209. 15
Y 30. 0	184. 16	185. 14	180. 76	194. 63	190. 15	188. 61	194. 04	188. 78	196. 29	187. 48	196. 36	192. 25
Y 31. 0	169. 60	170. 19	166. 63	179. 46	174. 57	173. 56	178. 65	172. 97	180. 52	172. 79	180. 48	176. 81
Y 32. 0	156. 42	156. 53	153. 81	165. 49	160. 65	159. 95	164. 30	158. 76	165. 80	159. 12	165. 90	162. 54
Y 33. 0	144. 48	144. 16	141. 88	152. 49	148. 07	147. 56	151. 40	145. 86	152. 72	146. 55	152. 67	149. 76
Y 34. 0	133. 28	132. 70	130. 96	140. 62	136. 44	136. 00	139. 78	134. 63	140. 80	135. 41	140. 71	137. 84
Y 35. 0	123. 11	122. 50	120. 91	129. 73	125. 96	125. 42	128. 99	124. 23	129. 89	125. 35	129. 79	127. 24
Y 36. 0	114. 01	113. 32	111. 68	119. 86	116. 44	115. 73	119. 06	114. 99	119. 67	115. 85	119. 87	117. 80
Y 37. 0	105. 75	105. 07	103. 47	110. 82	107. 89	107. 03	110. 23	106. 32	110. 57	107. 13	110. 91	109. 00
Y 38. 0	98. 23	97. 78	95. 97	102. 88	100. 33	99. 36	102. 31	98. 91	102. 49	99. 37	102. 92	100. 92
Y 39. 0	91. 57	91. 31	89. 39	95. 61	93. 55	92. 48	95. 11	92. 46	95. 19	92. 35	95. 81	93. 73
Y 40. 0	85. 56	85. 32	83. 29	89. 18	87. 15	86. 14	88. 68	86. 41	88. 64	86. 08	89. 54	87. 34
Y 41. 0	80. 32	79. 93	77. 98	83. 24	81. 53	80. 42	82. 76	80. 82	82. 58	80. 42	83. 71	81. 65
Y 42. 0	75. 24	75. 21	73. 10	77. 69	76. 41	75. 22	77. 50	75. 75	77. 02	75. 31	78. 15	76. 35
Y 43. 0	70. 77	70. 80	68. 65	72. 83	71. 53	70. 39	72. 56	70. 92	72. 15	70. 54	73. 25	71. 63
Y 44. 0	66. 72	66. 71	64. 83	68. 43	67. 24	66. 26	68. 30	66. 67	67. 74	66. 43	68. 82	67. 34
Y 45. 0	63. 16	63. 05	61. 09	64. 54	63. 38	62. 60	64. 49	62. 70	63. 80	62. 53	64. 78	63. 48
Y 46. 0	59. 72	59. 40	57. 98	60. 92	59. 99	59. 48	61. 28	59. 45	60. 27	59. 03	61. 10	60. 13

IES Indoor Report

Photometric Filename:UL-15W-小角度.IES

Candela Tabulation - (Cont.)

V/H	C0. 0	C30. 0	C60. 0	C90. 0	C120. 0	C150. 0	C180. 0	C210. 0	C240. 0	C270. 0	C300. 0	C330. 0
Y 47. 0	56. 79	56. 39	55. 10	57. 74	56. 60	56. 50	58. 17	56. 62	57. 34	56. 21	57. 67	56. 97
Y 48. 0	54. 00	53. 66	52. 28	54. 71	53. 74	53. 56	55. 32	53. 73	54. 48	53. 42	54. 79	54. 18
Y 49. 0	51. 54	51. 15	49. 71	51. 94	50. 90	50. 92	52. 58	51. 07	51. 65	50. 88	52. 06	51. 63
Y 50. 0	49. 11	48. 77	47. 28	49. 26	48. 16	48. 40	50. 01	48. 55	49. 15	48. 29	49. 49	49. 01
Y 51. 0	46. 88	46. 40	45. 14	46. 79	45. 82	45. 92	47. 46	46. 08	46. 53	45. 80	46. 96	46. 63
Y 52. 0	44. 53	44. 27	42. 92	44. 47	43. 46	43. 65	45. 11	43. 69	44. 38	43. 56	44. 60	44. 37
Y 53. 0	42. 52	42. 19	40. 95	42. 13	41. 12	41. 39	43. 00	41. 61	42. 26	41. 47	42. 25	42. 37
Y 54. 0	40. 59	40. 27	39. 04	40. 16	39. 21	39. 43	40. 93	39. 54	40. 13	39. 48	40. 25	40. 37
Y 55. 0	38. 67	38. 49	37. 19	38. 25	37. 59	37. 69	38. 97	37. 71	38. 19	37. 45	38. 34	38. 43
Y 56. 0	36. 92	36. 64	35. 68	36. 60	35. 90	36. 10	37. 37	35. 95	36. 32	35. 64	36. 42	36. 70
Y 57. 0	35. 39	35. 20	34. 08	34. 83	34. 07	34. 36	35. 66	34. 29	34. 65	33. 93	34. 78	34. 88
Y 58. 0	33. 65	33. 68	32. 32	33. 07	32. 20	32. 48	33. 76	32. 63	32. 99	32. 37	33. 28	33. 32
Y 59. 0	32. 02	31. 99	30. 47	31. 04	30. 27	30. 68	32. 06	30. 93	31. 26	30. 60	31. 58	31. 68
Y 60. 0	30. 25	30. 34	28. 67	29. 32	28. 56	28. 93	30. 28	29. 18	29. 44	28. 85	29. 95	29. 88
Y 61. 0	28. 48	28. 60	27. 01	27. 56	26. 87	27. 23	28. 33	27. 58	27. 58	27. 14	28. 13	28. 26
Y 62. 0	26. 68	26. 97	25. 33	25. 80	24. 93	25. 38	26. 57	25. 55	25. 95	25. 40	26. 48	26. 59
Y 63. 0	24. 76	25. 20	23. 38	23. 60	22. 89	23. 20	24. 29	23. 59	23. 76	23. 37	24. 69	24. 63
Y 64. 0	22. 53	23. 04	21. 24	21. 36	20. 77	21. 10	22. 13	21. 39	21. 70	21. 23	22. 59	22. 43
Y 65. 0	20. 22	20. 85	19. 08	19. 26	18. 76	18. 79	20. 19	19. 40	19. 59	19. 15	20. 41	20. 31
Y 66. 0	17. 77	18. 71	16. 85	16. 78	16. 25	16. 45	17. 44	16. 85	16. 88	16. 88	18. 26	18. 00
Y 67. 0	15. 38	16. 31	14. 60	14. 62	14. 07	14. 32	15. 22	14. 60	14. 66	14. 47	15. 68	15. 47
Y 68. 0	12. 93	13. 94	12. 14	12. 37	11. 67	12. 02	12. 92	12. 37	12. 52	12. 28	13. 60	13. 28
Y 69. 0	10. 61	11. 39	9. 94	10. 37	9. 97	10. 11	10. 91	10. 53	10. 51	10. 04	11. 20	10. 94
Y 70. 0	8. 80	9. 44	8. 25	8. 61	8. 28	8. 30	9. 11	8. 78	8. 67	8. 31	9. 10	9. 03
Y 71. 0	7. 04	7. 83	6. 71	7. 03	6. 64	6. 89	7. 46	7. 23	7. 12	6. 77	7. 35	7. 33
Y 72. 0	5. 49	6. 32	5. 19	5. 54	5. 25	5. 42	6. 01	5. 78	5. 74	5. 18	5. 94	5. 76
Y 73. 0	4. 06	4. 81	3. 83	4. 13	3. 77	3. 98	4. 52	4. 19	4. 17	3. 76	4. 39	4. 30
Y 74. 0	2. 62	3. 21	2. 36	2. 71	2. 24	2. 48	3. 09	2. 79	2. 76	2. 46	2. 99	2. 91
Y 75. 0	1. 22	1. 88	1. 00	1. 34	0. 86	1. 14	1. 75	1. 33	1. 24	0. 93	1. 49	1. 58
Y 76. 0	0. 00	0. 50	0. 00	0. 06	0. 00	0. 00	0. 32	0. 00	0. 00	0. 00	0. 30	0. 24
Y 77. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 78. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 79. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 80. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 81. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 82. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 83. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 84. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 85. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 86. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 87. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 88. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 89. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 90. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 91. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 92. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00
Y 93. 0	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00	0. 00

Photometric Filename:UL-15W-小角度.IES

Candela Tabulation - (Cont.)

[illegible]

Candela Tabulation - (Cont.)

V/H	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0	C300.0	C330.0
Y 141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Y 160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
Y 161.0	0.12	0.10	0.01	0.00	0.00	0.00	0.19	0.21	0.18	0.14	0.14	0.05
Y 162.0	0.23	0.22	0.17	0.00	0.11	0.08	0.34	0.41	0.34	0.29	0.40	0.27
Y 163.0	0.45	0.43	0.27	0.03	0.17	0.27	0.52	0.57	0.50	0.40	0.57	0.41
Y 164.0	0.59	0.56	0.30	0.17	0.32	0.53	0.61	0.67	0.64	0.49	0.67	0.55
Y 165.0	0.57	0.72	0.46	0.13	0.30	0.51	0.72	0.79	0.65	0.53	0.70	0.62
Y 166.0	0.80	0.76	0.48	0.22	0.33	0.64	0.78	0.88	0.70	0.65	0.73	0.71
Y 167.0	0.86	0.94	0.52	0.22	0.37	0.80	0.85	0.89	0.68	0.68	0.88	0.74
Y 168.0	0.98	0.72	0.46	0.25	0.38	0.72	0.86	1.00	0.81	0.79	0.88	0.83
Y 169.0	0.96	0.73	0.49	0.26	0.31	0.73	0.94	1.00	0.73	0.75	0.91	0.80
Y 170.0	0.92	0.77	0.30	0.17	0.19	0.74	1.05	0.76	0.81	0.75	0.85	0.78
Y 171.0	0.97	0.66	0.29	0.18	0.19	0.59	0.97	0.88	0.77	0.70	0.77	0.72
Y 172.0	0.70	0.55	0.18	0.11	0.19	0.54	0.76	0.73	0.74	0.59	0.71	0.56
Y 173.0	0.77	0.49	0.19	0.00	0.00	0.42	0.70	0.64	0.61	0.50	0.53	0.53
Y 174.0	0.57	0.30	0.00	0.04	0.00	0.25	0.52	0.48	0.47	0.37	0.35	0.46
Y 175.0	0.35	0.14	0.01	0.00	0.00	0.10	0.38	0.23	0.34	0.20	0.37	0.12
Y 176.0	0.19	0.00	0.00	0.00	0.00	0.01	0.26	0.26	0.13	0.21	0.18	0.08
Y 177.0	0.16	0.00	0.00	0.00	0.00	0.00	0.29	0.08	0.06	0.03	0.08	0.00
Y 178.0	0.14	0.00	0.00	0.00	0.00	0.00	0.18	0.07	0.06	0.08	0.00	0.00
Y 179.0	0.15	0.00	0.00	0.00	0.00	0.00	0.17	0.06	0.04	0.00	0.07	0.00
Y 180.0	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05