

# IES Indoor Report

Photometric Filename:U6 TYPE A+B 15W 35K.IES

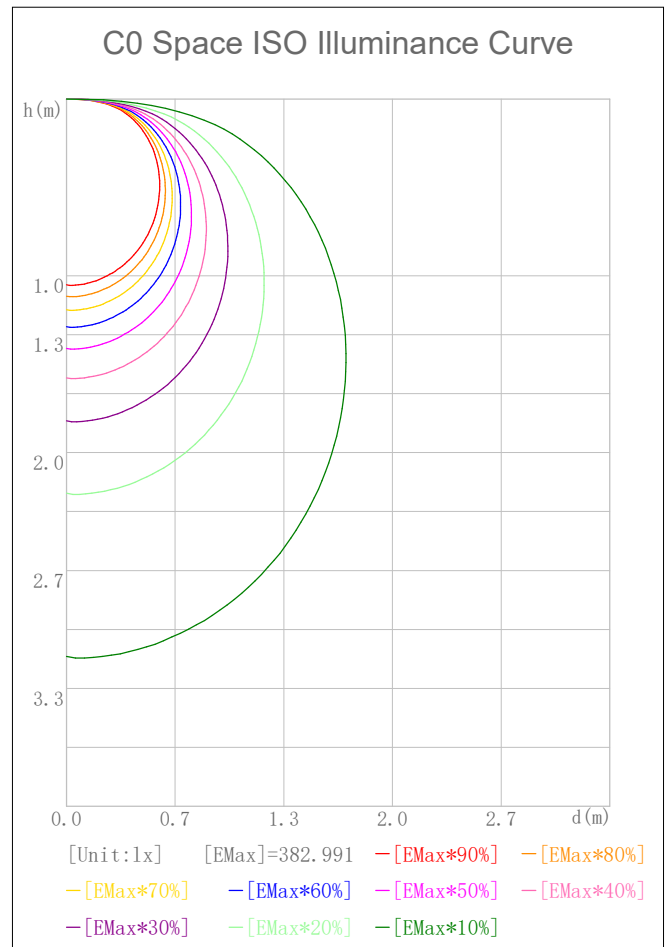
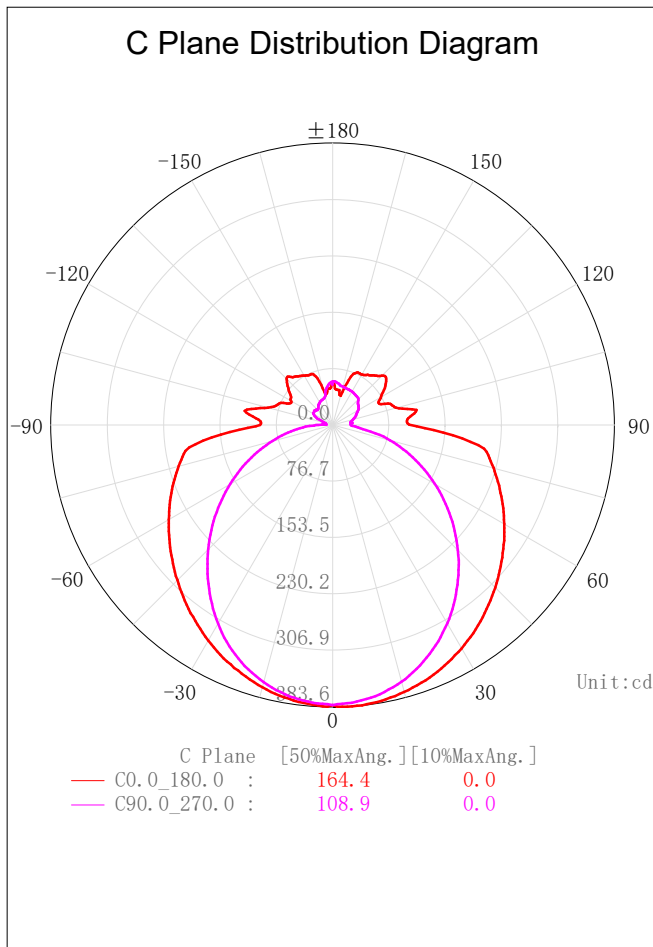
## Indoor Luminaire Photometric Data

### Description Information

Luminaire Name:U6 TYPE A+B 15W 35K		Lum. Catalog:0101250045N	Test ID: 200723-7 HAN
Lamp Name:		Lamp Catalog:	Test Date: 2020/06/27
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H):0.177m*0.570m*0.025m		Lum. Area (m2):0.115	Lum. W (kg): 0.000
Test System: C, $\gamma$	Test Step: C=30.0 $\gamma$ =1.0	Temp. (°C): 25	Humidity(%): 60.0

### Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1792.000	Luminaire Flux(lm): 1792.985	Field Angle(10%Imax): 360.0(°)	
Rated Power(W):	Luminaire Efficiency: 100.05%	Down Lumens&Percent: 1406.145lm 78.42%	
Rated Voltage(V):	Luminaire EER(lm/W): 117.189	Up Lumens&Percent: 386.840lm 21.58%	
Tested Power(W): 15.300	Max. Candela(cd): 383.644	S/MH: C0_a180=1.351 C90_270=1.219	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 $\gamma$ =2.0	CIE Type: General Diffuse	
Tested Electrics(V, A, pf):120.4, 0.130, 0.975	Beam Angle(50%Imax): 164.4(°)	ErP $\Phi$ use(120°): 906.794lm	
Lamp Size(W*L*H):0.177m*0.570m*0.025m	Left=-81.6°, Right=82.8°	IRF(%): 101.700	



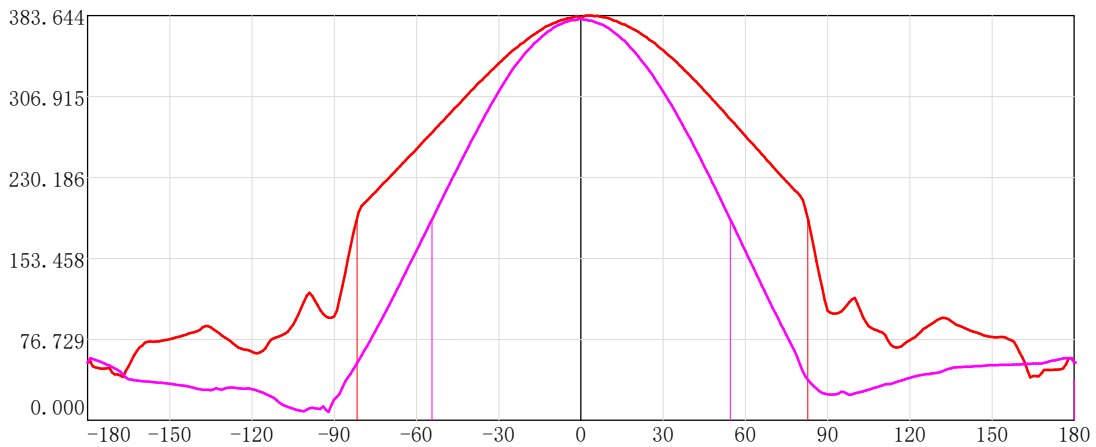
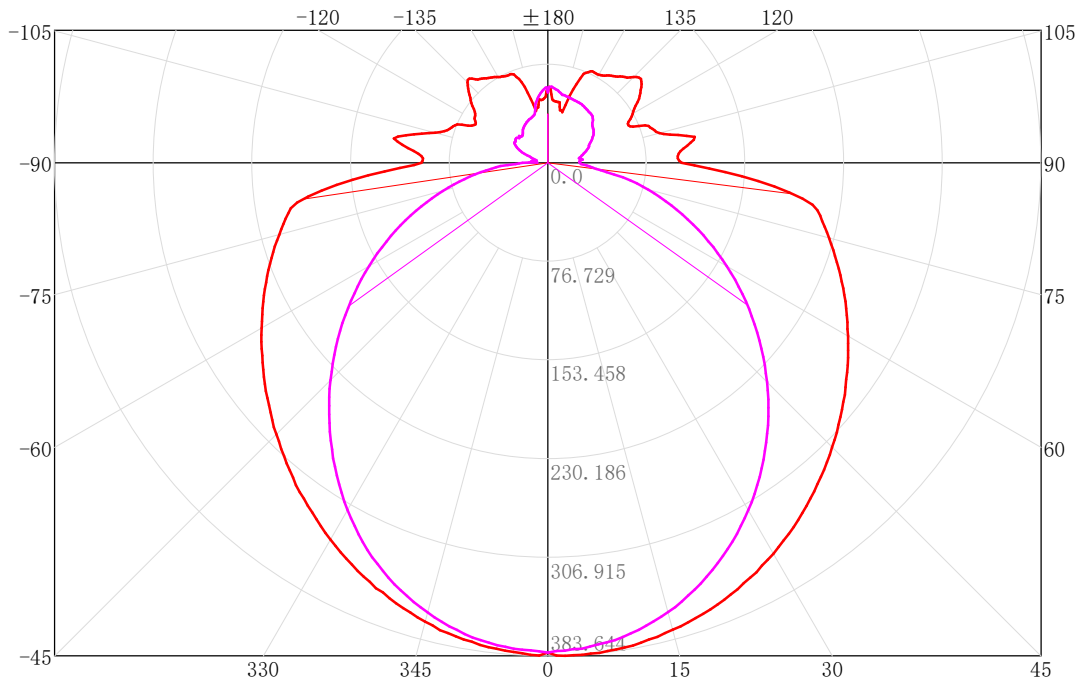
# IES Indoor Report

Photometric Filename:U6 TYPE A+B 15W 35K.IES

## 2D Plane Light Intensity Distribution Curve

Lum. Name: U6 TYPE A+B 15W 35K	Lum. Catalog: 0101250045N	Test ID: 200723-7 HAN
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2020/06/27

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C0.0_180.0 :	164.4	0.0	
—	C90.0_270.0 :	108.9	0.0	

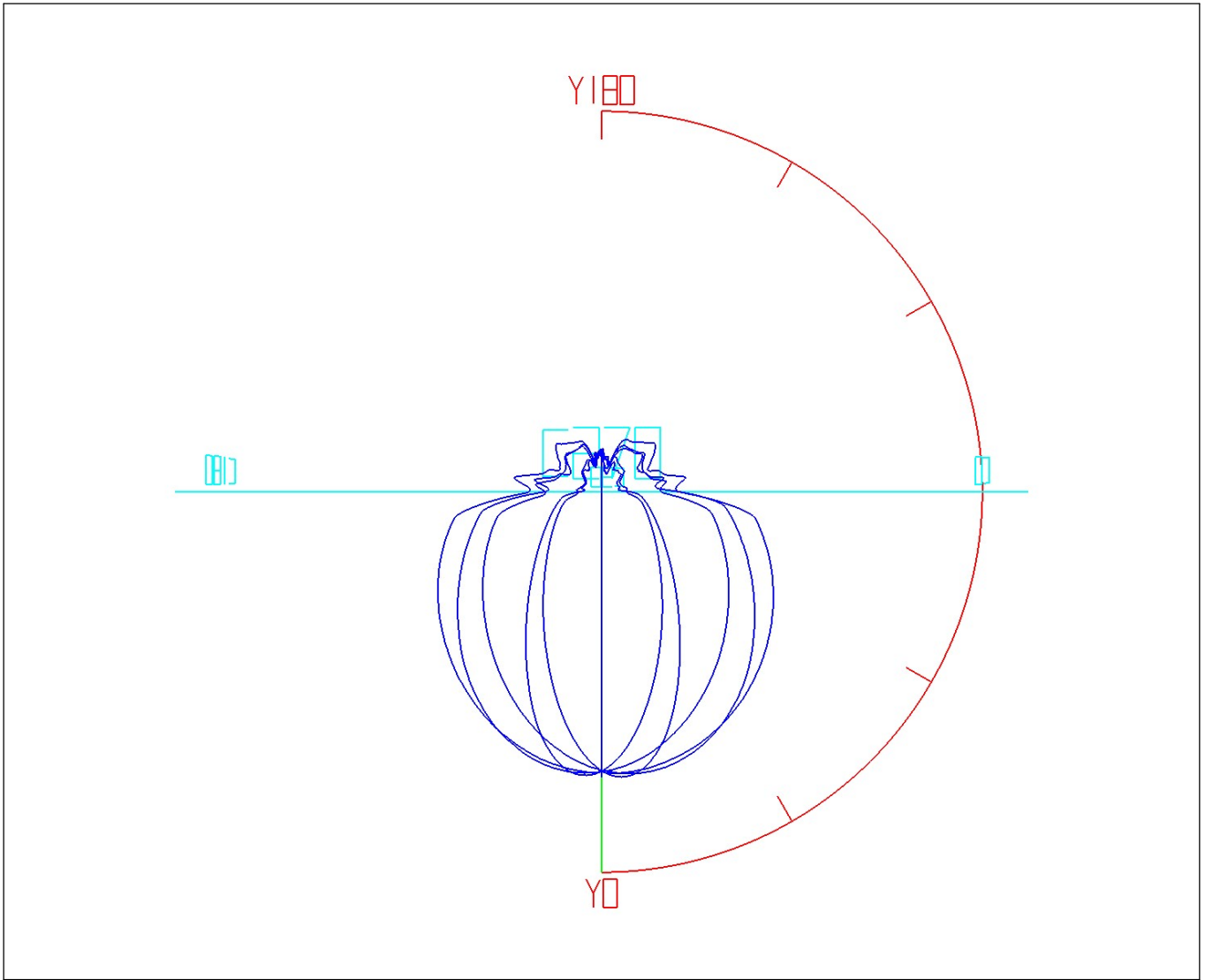
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## 3D Light Intensity Distribution Modal

Lum. Name: U6 TYPE A+B 15W 35K	Lum. Catalog: 0101250045N	Test ID: 200723-7 HAN
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2020/06/27

## 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	0.36	0.36	0.02	0.02	47.0-48.0	21.36	21.36	1.19	1.19
1.0-2.0	1.09	1.46	0.06	0.08	48.0-49.0	21.38	42.74	1.19	2.38
2.0-3.0	1.82	3.27	0.10	0.18	49.0-50.0	21.38	64.12	1.19	3.58
3.0-4.0	2.54	5.82	0.14	0.32	50.0-51.0	21.37	85.49	1.19	4.77
4.0-5.0	3.26	9.08	0.18	0.51	51.0-52.0	21.35	106.84	1.19	5.96
5.0-6.0	3.98	13.06	0.22	0.73	52.0-53.0	21.30	128.14	1.19	7.15
6.0-7.0	4.69	17.75	0.26	0.99	53.0-54.0	21.25	149.39	1.19	8.34
7.0-8.0	5.40	23.14	0.30	1.29	54.0-55.0	21.18	170.56	1.18	9.52
8.0-9.0	6.09	29.24	0.34	1.63	55.0-56.0	21.09	191.65	1.18	10.69
9.0-10.0	6.78	36.02	0.38	2.01	56.0-57.0	20.99	212.65	1.17	11.87
10.0-11.0	7.46	43.49	0.42	2.43	57.0-58.0	20.88	233.53	1.17	13.03
11.0-12.0	8.14	51.62	0.45	2.88	58.0-59.0	20.75	254.28	1.16	14.19
12.0-13.0	8.80	60.42	0.49	3.37	59.0-60.0	20.62	274.90	1.15	15.34
13.0-14.0	9.45	69.87	0.53	3.90	60.0-61.0	20.46	295.36	1.14	16.48
14.0-15.0	10.08	79.95	0.56	4.46	61.0-62.0	20.31	315.67	1.13	17.62
15.0-16.0	10.71	90.65	0.60	5.06	62.0-63.0	20.14	335.80	1.12	18.74
16.0-17.0	11.32	101.97	0.63	5.69	63.0-64.0	19.95	355.76	1.11	19.85
17.0-18.0	11.91	113.89	0.66	6.36	64.0-65.0	19.76	375.52	1.10	20.96
18.0-19.0	12.50	126.38	0.70	7.05	65.0-66.0	19.56	395.08	1.09	22.05
19.0-20.0	13.06	139.45	0.73	7.78	66.0-67.0	19.35	414.42	1.08	23.13
20.0-21.0	13.61	153.06	0.76	8.54	67.0-68.0	19.13	433.55	1.07	24.19
21.0-22.0	14.15	167.21	0.79	9.33	68.0-69.0	18.91	452.46	1.06	25.25
22.0-23.0	14.66	181.87	0.82	10.15	69.0-70.0	18.67	471.14	1.04	26.29
23.0-24.0	15.17	197.04	0.85	11.00	70.0-71.0	18.43	489.57	1.03	27.32
24.0-25.0	15.65	212.69	0.87	11.87	71.0-72.0	18.18	507.74	1.01	28.33
25.0-26.0	16.12	228.81	0.90	12.77	72.0-73.0	17.92	525.66	1.00	29.33
26.0-27.0	16.56	245.37	0.92	13.69	73.0-74.0	17.66	543.32	0.99	30.32
27.0-28.0	16.99	262.36	0.95	14.64	74.0-75.0	17.39	560.72	0.97	31.29
28.0-29.0	17.39	279.75	0.97	15.61	75.0-76.0	17.12	577.84	0.96	32.25
29.0-30.0	17.78	297.53	0.99	16.60	76.0-77.0	16.84	594.68	0.94	33.19
30.0-31.0	18.15	315.67	1.01	17.62	77.0-78.0	16.56	611.24	0.92	34.11
31.0-32.0	18.49	334.16	1.03	18.65	78.0-79.0	16.26	627.49	0.91	35.02
32.0-33.0	18.81	352.98	1.05	19.70	79.0-80.0	15.92	643.42	0.89	35.90
33.0-34.0	19.12	372.10	1.07	20.76	80.0-81.0	15.53	658.95	0.87	36.77
34.0-35.0	19.41	391.51	1.08	21.85	81.0-82.0	15.05	674.00	0.84	37.61
35.0-36.0	19.67	411.18	1.10	22.95	82.0-83.0	14.45	688.45	0.81	38.42
36.0-37.0	19.92	431.10	1.11	24.06	83.0-84.0	13.76	702.21	0.77	39.19
37.0-38.0	20.15	451.25	1.12	25.18	84.0-85.0	12.96	715.17	0.72	39.91
38.0-39.0	20.36	471.61	1.14	26.32	85.0-86.0	12.08	727.25	0.67	40.58
39.0-40.0	20.54	492.15	1.15	27.46	86.0-87.0	11.13	738.38	0.62	41.20
40.0-41.0	20.71	512.87	1.16	28.62	87.0-88.0	10.19	748.58	0.57	41.77
41.0-42.0	20.86	533.73	1.16	29.78	88.0-89.0	9.34	757.92	0.52	42.29
42.0-43.0	20.99	554.72	1.17	30.96	89.0-90.0	8.61	766.53	0.48	42.78
43.0-44.0	21.11	575.83	1.18	32.13	90.0-91.0	8.09	774.62	0.45	43.23
44.0-45.0	21.20	597.02	1.18	33.32	91.0-92.0	7.75	782.36	0.43	43.66
45.0-46.0	21.27	618.29	1.19	34.50	92.0-93.0	7.59	789.95	0.42	44.08
46.0-47.0	21.32	639.62	1.19	35.69	93.0-94.0	7.62	797.57	0.43	44.51

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## Zonal Flux Tabulation - (Cont.)

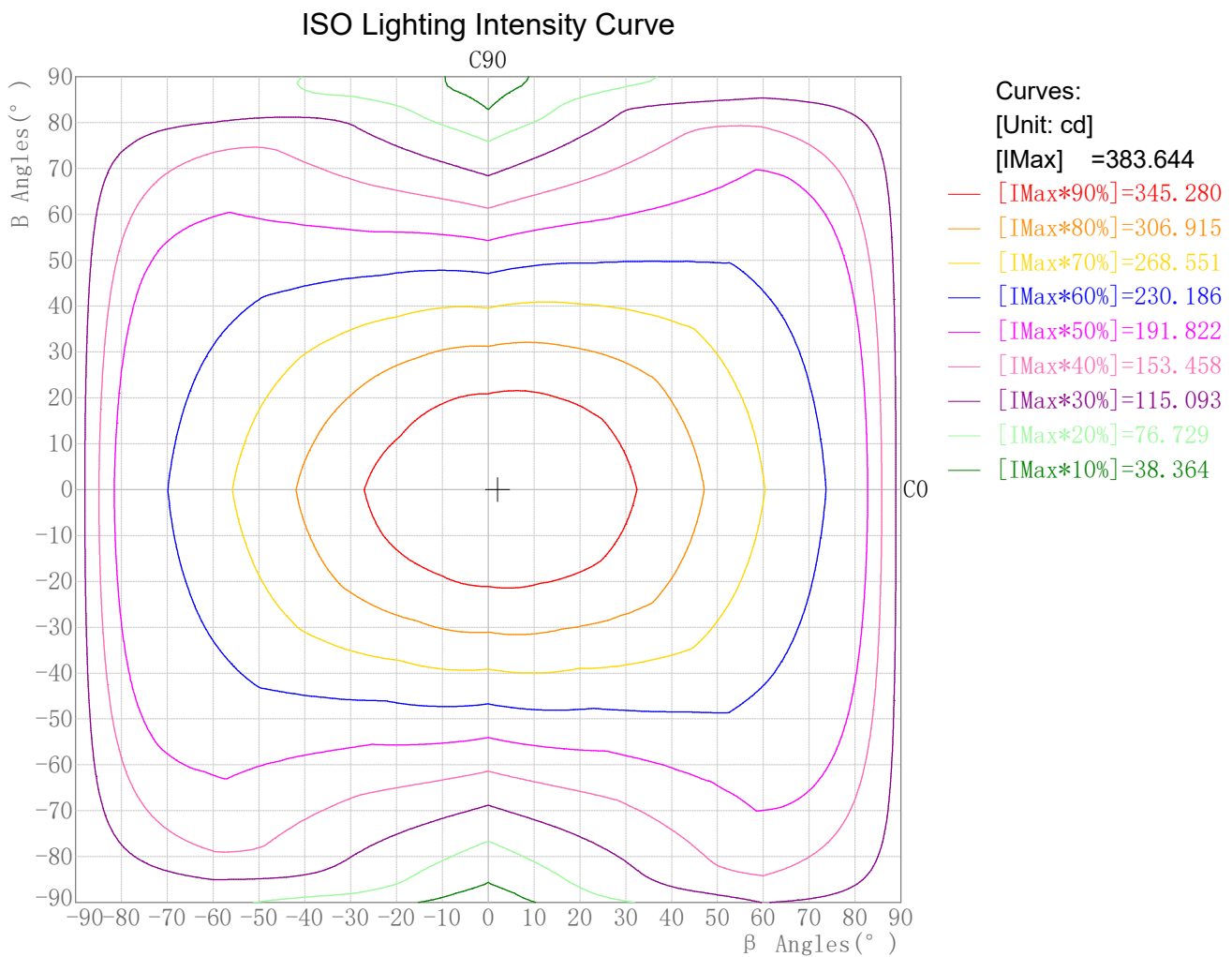
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	7.71	7.71	0.43	0.43	141.0-142.0	4.32	4.32	0.24	0.24
95.0-96.0	7.79	15.50	0.43	0.87	142.0-143.0	4.19	8.51	0.23	0.47
96.0-97.0	7.85	23.35	0.44	1.30	143.0-144.0	4.06	12.56	0.23	0.70
97.0-98.0	7.86	31.21	0.44	1.74	144.0-145.0	3.92	16.48	0.22	0.92
98.0-99.0	7.81	39.02	0.44	2.18	145.0-146.0	3.77	20.25	0.21	1.13
99.0-100.0	7.66	46.68	0.43	2.60	146.0-147.0	3.62	23.87	0.20	1.33
100.0-101.0	7.42	54.10	0.41	3.02	147.0-148.0	3.46	27.34	0.19	1.53
101.0-102.0	7.12	61.22	0.40	3.42	148.0-149.0	3.32	30.65	0.19	1.71
102.0-103.0	6.82	68.05	0.38	3.80	149.0-150.0	3.18	33.84	0.18	1.89
103.0-104.0	6.57	74.62	0.37	4.16	150.0-151.0	3.05	36.88	0.17	2.06
104.0-105.0	6.37	80.99	0.36	4.52	151.0-152.0	2.91	39.80	0.16	2.22
105.0-106.0	6.24	87.23	0.35	4.87	152.0-153.0	2.81	42.60	0.16	2.38
106.0-107.0	6.14	93.37	0.34	5.21	153.0-154.0	2.71	45.31	0.15	2.53
107.0-108.0	6.08	99.45	0.34	5.55	154.0-155.0	2.59	47.90	0.14	2.67
108.0-109.0	6.05	105.51	0.34	5.89	155.0-156.0	2.46	50.36	0.14	2.81
109.0-110.0	6.04	111.55	0.34	6.22	156.0-157.0	2.33	52.69	0.13	2.94
110.0-111.0	6.02	117.57	0.34	6.56	157.0-158.0	2.21	54.90	0.12	3.06
111.0-112.0	5.98	123.55	0.33	6.89	158.0-159.0	2.08	56.97	0.12	3.18
112.0-113.0	5.91	129.46	0.33	7.22	159.0-160.0	1.93	58.91	0.11	3.29
113.0-114.0	5.85	135.31	0.33	7.55	160.0-161.0	1.78	60.69	0.10	3.39
114.0-115.0	5.78	141.09	0.32	7.87	161.0-162.0	1.64	62.33	0.09	3.48
115.0-116.0	5.72	146.82	0.32	8.19	162.0-163.0	1.50	63.83	0.08	3.56
116.0-117.0	5.69	152.50	0.32	8.51	163.0-164.0	1.38	65.21	0.08	3.64
117.0-118.0	5.66	158.16	0.32	8.83	164.0-165.0	1.28	66.49	0.07	3.71
118.0-119.0	5.63	163.80	0.31	9.14	165.0-166.0	1.19	67.68	0.07	3.78
119.0-120.0	5.62	169.41	0.31	9.45	166.0-167.0	1.12	68.80	0.06	3.84
120.0-121.0	5.61	175.02	0.31	9.77	167.0-168.0	1.05	69.85	0.06	3.90
121.0-122.0	5.59	180.62	0.31	10.08	168.0-169.0	1.00	70.85	0.06	3.95
122.0-123.0	5.58	186.20	0.31	10.39	169.0-170.0	0.93	71.78	0.05	4.01
123.0-124.0	5.58	191.78	0.31	10.70	170.0-171.0	0.86	72.64	0.05	4.05
124.0-125.0	5.58	197.36	0.31	11.01	171.0-172.0	0.78	73.42	0.04	4.10
125.0-126.0	5.57	202.92	0.31	11.32	172.0-173.0	0.70	74.12	0.04	4.14
126.0-127.0	5.55	208.47	0.31	11.63	173.0-174.0	0.62	74.74	0.03	4.17
127.0-128.0	5.53	214.00	0.31	11.94	174.0-175.0	0.53	75.27	0.03	4.20
128.0-129.0	5.50	219.50	0.31	12.25	175.0-176.0	0.44	75.71	0.02	4.23
129.0-130.0	5.44	224.95	0.30	12.55	176.0-177.0	0.35	76.07	0.02	4.24
130.0-131.0	5.36	230.30	0.30	12.85	177.0-178.0	0.26	76.32	0.01	4.26
131.0-132.0	5.27	235.58	0.29	13.15	178.0-179.0	0.16	76.48	0.01	4.27
132.0-133.0	5.19	240.77	0.29	13.44	179.0-180.0	0.05	76.53	0.00	4.27
133.0-134.0	5.11	245.88	0.29	13.72					
134.0-135.0	5.04	250.93	0.28	14.00					
135.0-136.0	4.97	255.90	0.28	14.28					
136.0-137.0	4.89	260.78	0.27	14.55					
137.0-138.0	4.79	265.57	0.27	14.82					
138.0-139.0	4.68	270.26	0.26	15.08					
139.0-140.0	4.57	274.83	0.25	15.34					
140.0-141.0	4.44	279.27	0.25	15.58					

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## Rectangle ISO Lighting Intensity Diagram

Lum. Name: U6 TYPE A+B 15W 35K	Lum. Catalog: 0101250045N	Test ID: 200723-7 HAN
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2020/06/27



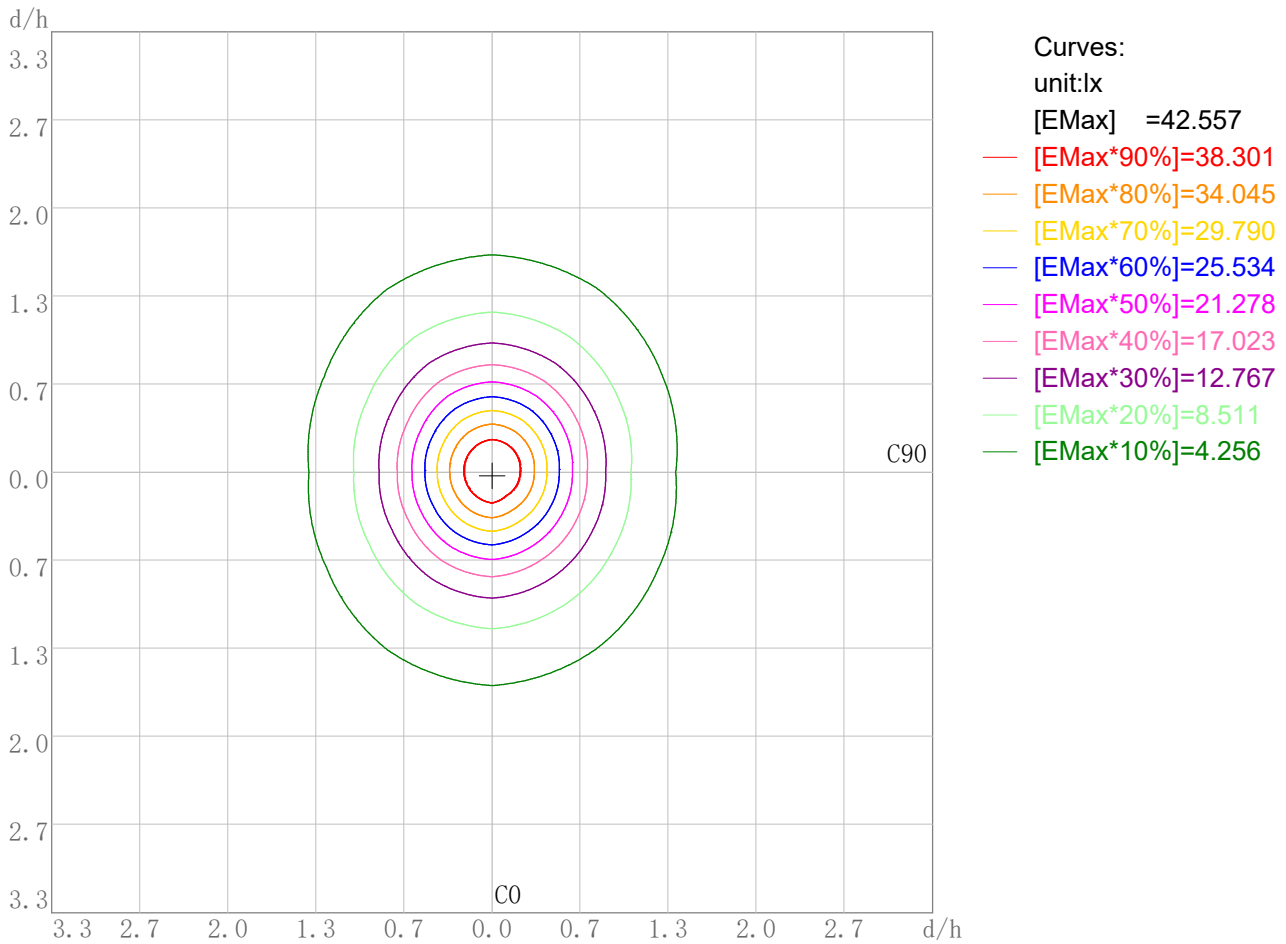
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## Plane ISO-Illuminance Diagram

Lum. Name: U6 TYPE A+B 15W 35K	Lum. Catalog: 0101250045N	Test ID: 200723-7 HAN
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2020/06/27

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 42.56

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

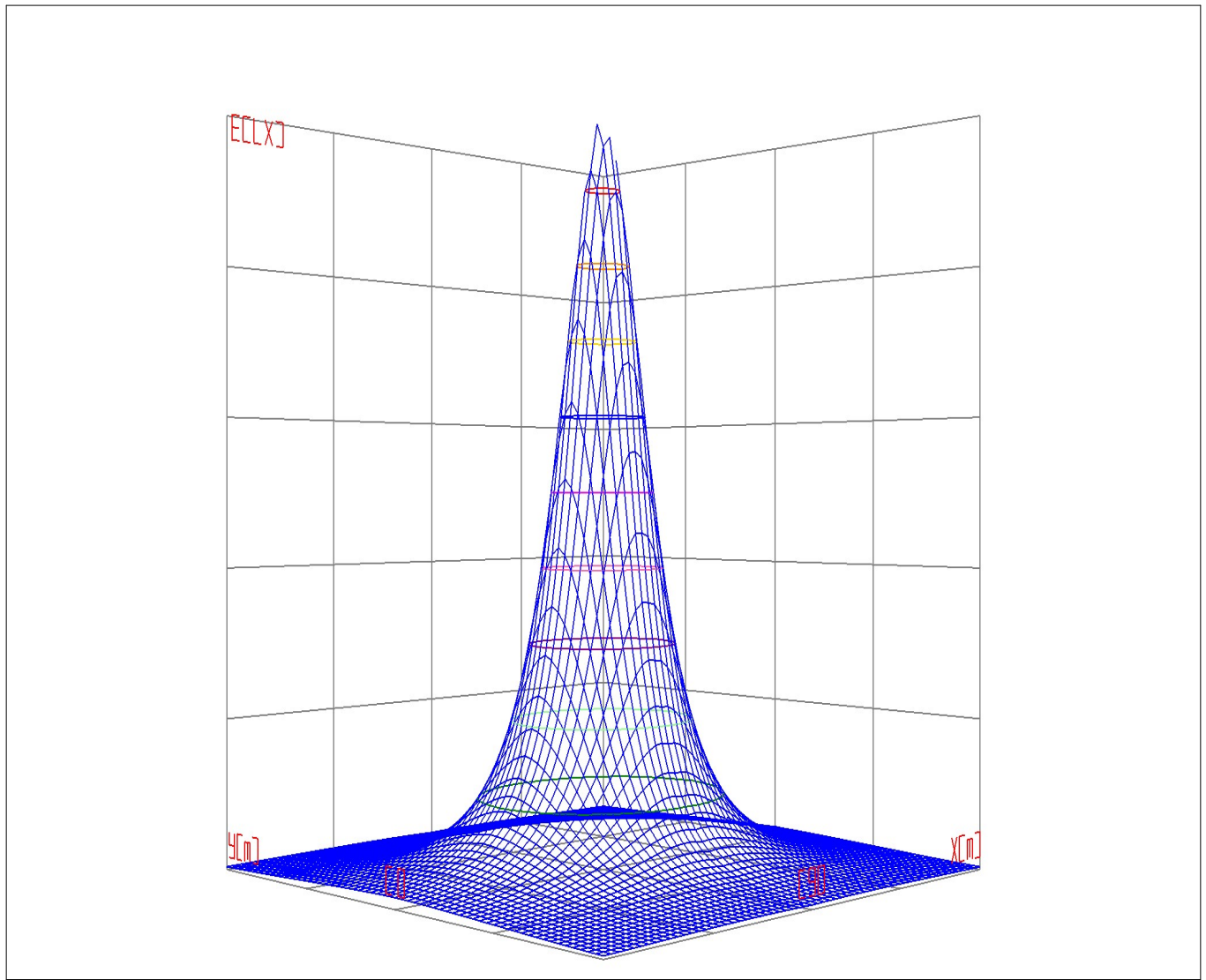
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## 3D Plane ISO Illuminance Diagram

Lum. Name: U6 TYPE A+B 15W 35K	Lum. Catalog: 0101250045N	Test ID: 200723-7 HAN
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2020/06/27

### 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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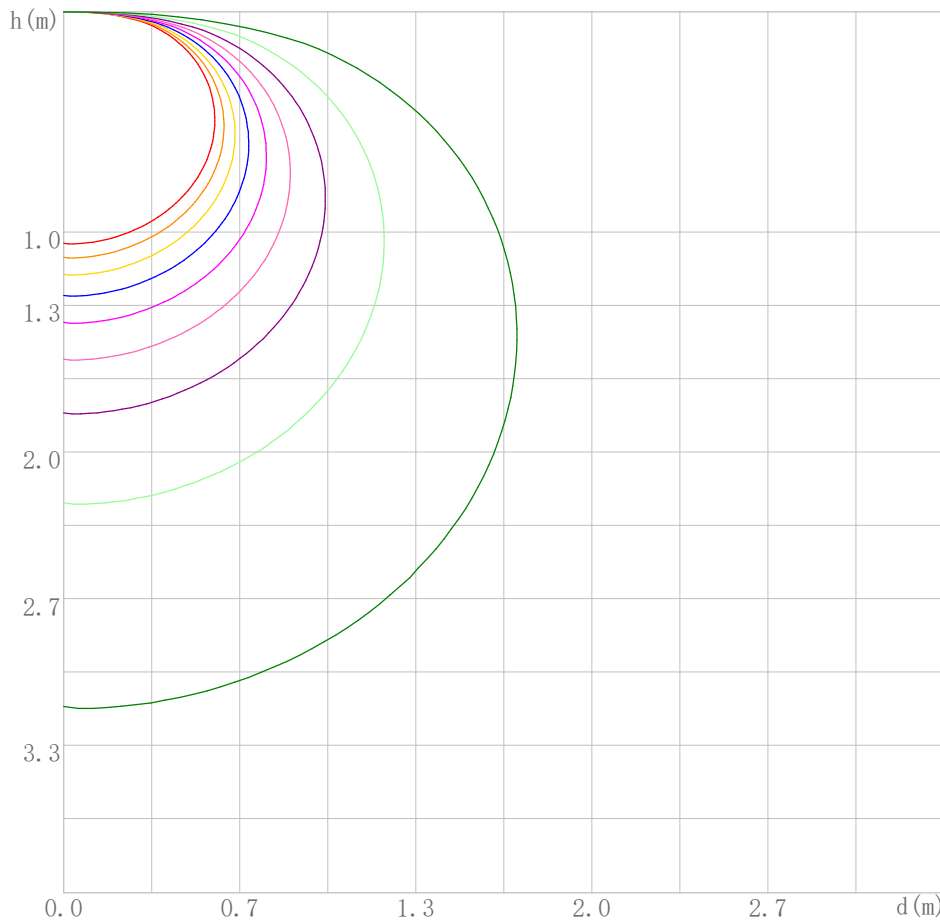
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## Space ISO Illuminance Diagram

Lum. Name: U6 TYPE A+B 15W 35K	Lum. Catalog: 0101250045N	Test ID: 200723-7 HAN
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2020/06/27

### Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:382.99lx,1.0deg  
Plane Maximum Lighting Intensity and @Angle:383.644cd,0deg

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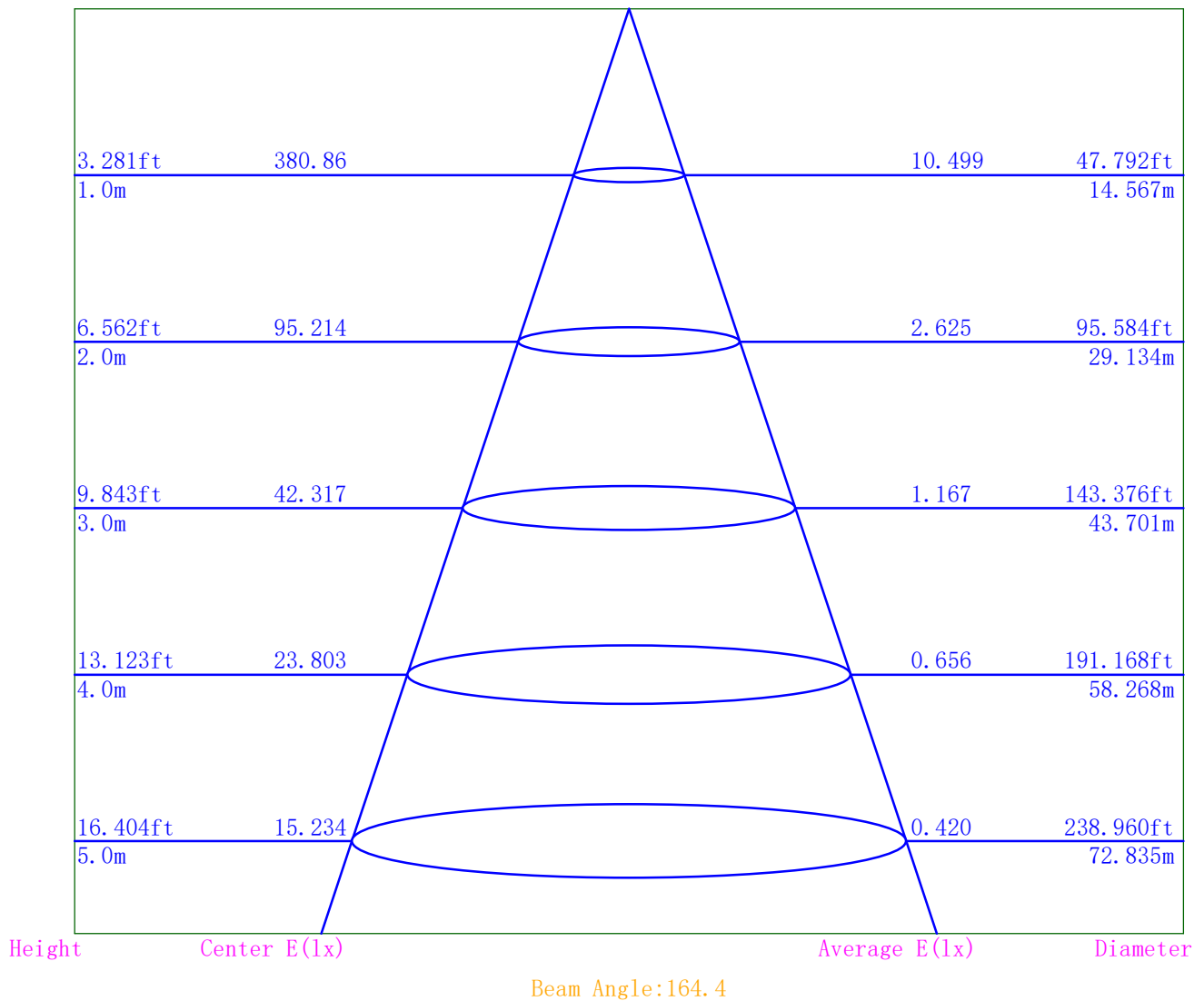
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## Illuminance-Distance Diagram

Lum. Name: U6 TYPE A+B 15W 35K	Lum. Catalog: 0101250045N	Test ID: 200723-7 HAN
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2020/06/27

Illuminance-Distance Curve



**Indoor Luminance Limiting Curves**

Lum. Name: U6 TYPE A+B 15W 35K	Lum. Catalog: 0101250045N	Test ID: 200723-7 HAN
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2020/06/27

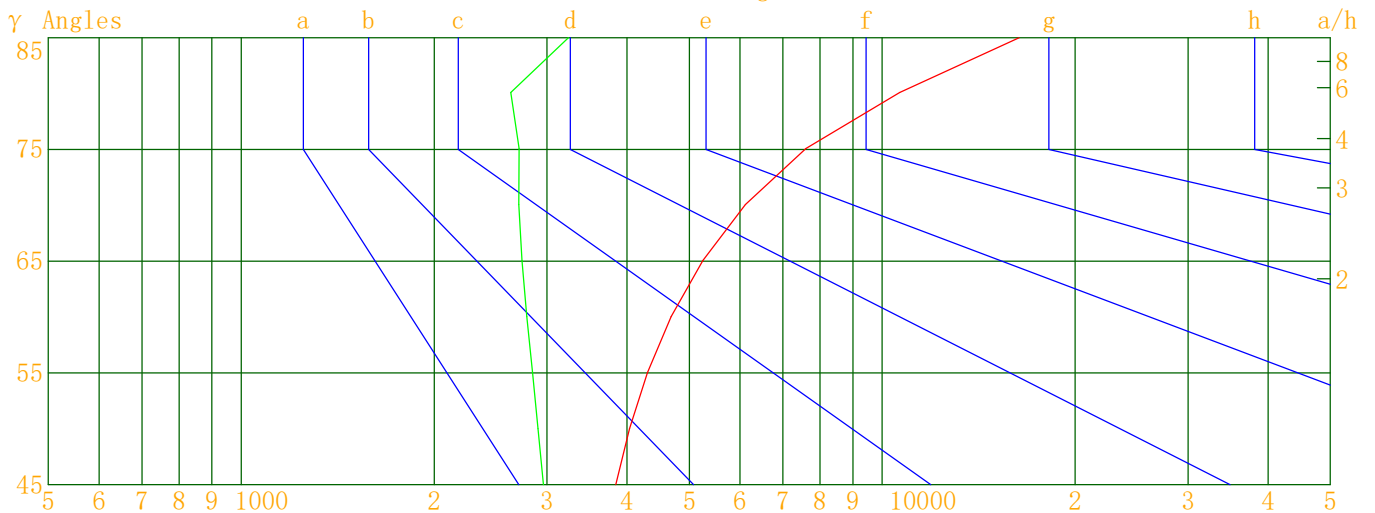
Glare Grade Table

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	3842	4035	4303	4683	5248	6118	7606	10644	16355
C90	2962	2904	2846	2790	2742	2712	2714	2633	3238

Luminance Limiting Curve



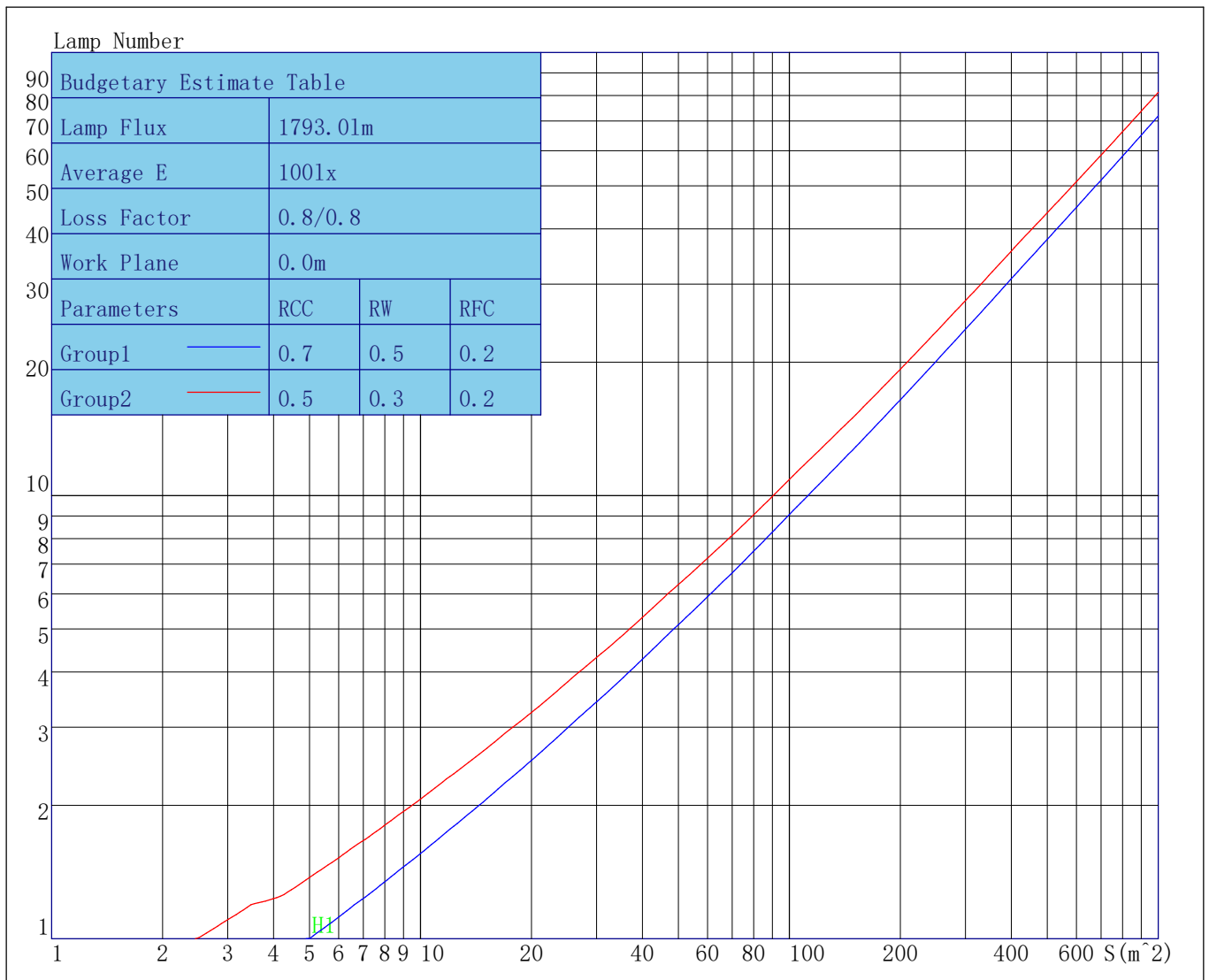
Luminous Size: Length(m)=0.570 Width(m)=0.177 Height(m)=0.025 Area(m<sup>2</sup>)=0.115140  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: ——— C90-C270 Color: ———

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## Indoor Budgetary Estimate Table

Lum. Name: U6 TYPE A+B 15W 35K	Lum. Catalog: 0101250045N	Test ID: 200723-7 HAN
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2020/06/27



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

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## Indoor Coefficient of Utilization Table

Lum. Name: U6 TYPE A+B 15W 35K	Lum. Catalog: 0101250045N	Test ID: 200723-7 HAN
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2020/06/27

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	50	30	10	0
RCR	Coefficient of Utilization (%)																				
0	114	114	114	114	109	109	109	109	99	99	99	90	90	90	82	82	82	78			
1	101	95	90	85	96	91	86	82	82	79	75	75	72	69	68	65	63	60			
2	91	81	74	67	86	78	71	65	70	65	60	64	59	55	58	54	51	47			
3	82	71	62	54	78	67	59	53	61	54	49	55	50	45	50	46	42	39			
4	75	62	53	45	71	59	51	44	54	47	41	49	43	38	44	39	35	32			
5	68	55	46	39	65	53	44	37	48	41	35	44	37	33	40	34	30	28			
6	63	49	40	33	60	47	39	32	43	36	30	39	33	28	36	31	26	24			
7	58	44	35	29	55	43	34	28	39	32	27	36	30	25	33	27	23	21			
8	54	40	32	26	51	39	31	25	36	29	24	33	27	22	30	25	21	19			
9	50	37	29	23	48	35	28	22	33	26	21	30	24	20	28	22	19	17			
10	47	34	26	21	45	33	25	20	30	24	19	28	22	18	26	21	17	15			

# IES Indoor Report

Photometric Filename:U6 TYPE A+B 15W 35K.IES

## Unified Glare Rating Table

Lum. Name: U6 TYPE A+B 15W 35K	Lum. Catalog: 0101250045N	Test ID: 200723-7 HAN
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date:2020/06/27

## 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	16.9	18.2	16.3	17.5	18.2	15.2	16.5	14.6	15.8	16.5
Y=3H	19.8	21.0	19.4	20.5	21.2	17.2	18.4	16.7	17.8	18.5
Y=4H	21.5	22.6	21.1	22.2	22.9	18.1	19.2	17.7	18.8	19.5
Y=6H	23.4	24.4	23.1	24.1	24.8	19.0	20.0	18.7	19.7	20.4
Y=8H	24.4	25.4	24.2	25.1	25.9	19.3	20.3	19.1	20.0	20.8
Y=12H	25.4	26.4	25.2	26.1	26.9	19.6	20.6	19.4	20.3	21.1
X=4H Y=2H	16.7	17.8	16.3	17.3	18.0	15.5	16.6	15.1	16.1	16.8
Y=3H	19.7	20.7	19.5	20.4	21.2	17.6	18.6	17.4	18.3	19.1
Y=4H	21.5	22.4	21.4	22.2	23.1	18.8	19.6	18.7	19.5	20.3
Y=6H	23.7	24.5	23.7	24.5	25.3	20.0	20.8	20.0	20.7	21.6
Y=8H	24.9	25.6	25.0	25.7	26.5	20.5	21.2	20.6	21.3	22.1
Y=12H	26.2	26.8	26.3	26.9	27.8	21.0	21.6	21.1	21.7	22.6
X=8H Y=4H	23.4	24.1	23.5	24.2	25.0	20.7	21.4	20.8	21.4	22.3
Y=6H	25.5	26.1	25.7	26.3	27.1	21.8	22.4	22.0	22.6	23.5
Y=8H	26.7	27.2	27.0	27.4	28.4	22.4	22.9	22.7	23.2	24.1
Y=12H	27.9	28.4	28.3	28.7	29.6	22.9	23.3	23.2	23.7	24.6
X=12H Y=4H	23.7	24.3	23.8	24.4	25.3	21.4	22.0	21.5	22.1	23.0
Y=6H	25.9	26.4	26.2	26.7	27.6	22.8	23.3	23.1	23.5	24.5
Y=8H	27.2	27.7	27.5	28.0	28.9	23.5	23.9	23.8	24.3	25.2
Variations with the objverer position at spacings										
S=1.0H	0.4/-0.4					0.2/-0.3				
S=1.5H	0.7/-1.0					0.4/-0.4				
S=2.0H	0.5/-1.0					0.5/-0.4				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	6.8					5.5				

le is calculated according to the document STD.CIE 117-1995

# IES Indoor Report

Photometric Filename:U6 TYPE A+B 15W 35K.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
$\gamma$ 0.0	380.86	380.86	380.86	380.86	380.86	380.86	380.86	380.86	380.86	380.86	380.86	380.86
$\gamma$ 1.0	383.17	381.27	380.39	379.61	379.27	378.19	383.18	380.70	380.13	379.91	379.79	379.26
$\gamma$ 2.0	383.64	381.57	380.43	379.71	379.26	378.12	382.89	380.41	379.70	379.47	379.35	378.91
$\gamma$ 3.0	383.54	381.60	379.76	378.79	378.18	377.80	381.97	379.58	379.27	379.25	379.66	379.40
$\gamma$ 4.0	383.61	381.06	379.75	378.83	377.98	376.68	381.36	379.22	378.38	378.92	379.27	379.39
$\gamma$ 5.0	383.17	381.36	379.41	377.51	376.91	375.71	380.83	378.39	377.39	377.76	378.71	379.61
$\gamma$ 6.0	383.37	380.73	378.81	376.61	375.88	374.88	380.09	377.48	376.68	377.21	377.95	378.83
$\gamma$ 7.0	382.61	380.18	378.00	375.62	375.04	373.89	379.52	376.94	375.30	375.89	377.12	378.77
$\gamma$ 8.0	382.25	379.88	377.52	374.77	373.57	372.62	378.62	375.87	374.35	374.81	376.58	377.80
$\gamma$ 9.0	381.75	379.06	376.28	373.23	372.11	371.42	377.18	374.39	372.68	373.70	374.96	377.81
$\gamma$ 10.0	381.12	378.09	375.21	371.67	370.99	369.69	376.39	373.05	371.65	372.08	374.03	376.84
$\gamma$ 11.0	380.25	377.44	373.93	370.04	368.87	367.75	375.21	371.82	369.97	370.00	372.59	375.94
$\gamma$ 12.0	378.94	376.49	372.48	367.92	367.27	366.68	373.84	370.25	367.91	368.60	371.35	375.43
$\gamma$ 13.0	378.36	375.22	370.77	366.01	365.64	364.85	372.95	368.59	366.15	366.33	369.88	374.03
$\gamma$ 14.0	377.03	373.67	368.78	363.83	363.69	363.13	370.84	367.12	363.98	364.25	367.95	372.79
$\gamma$ 15.0	375.82	372.59	366.99	361.56	361.04	361.57	369.37	364.97	361.74	361.89	366.02	371.86
$\gamma$ 16.0	375.02	370.72	364.95	359.57	359.03	359.65	367.72	363.29	359.28	359.52	363.93	370.27
$\gamma$ 17.0	373.60	369.66	362.85	356.56	356.79	357.26	365.70	361.35	356.97	357.14	361.98	368.81
$\gamma$ 18.0	372.28	367.60	360.82	353.57	353.89	355.27	364.13	359.31	354.68	354.27	359.18	367.14
$\gamma$ 19.0	370.91	366.36	358.55	350.88	351.40	352.92	362.19	357.14	351.99	351.61	357.13	365.61
$\gamma$ 20.0	369.69	364.55	355.90	348.14	348.37	350.94	360.20	354.58	349.08	349.02	354.55	363.94
$\gamma$ 21.0	368.12	362.77	353.49	344.89	345.75	348.31	357.88	352.47	346.24	345.72	351.45	362.08
$\gamma$ 22.0	366.41	360.60	350.45	341.50	342.72	346.04	356.73	349.67	342.71	342.25	349.06	360.49
$\gamma$ 23.0	364.54	358.90	347.82	338.19	339.77	343.71	354.00	347.59	339.97	339.00	346.05	358.42
$\gamma$ 24.0	363.01	356.49	344.89	334.74	336.46	341.25	352.25	345.24	337.04	335.73	343.32	356.23
$\gamma$ 25.0	360.72	354.26	341.46	331.33	333.32	338.39	350.20	343.21	333.65	332.24	339.90	354.44
$\gamma$ 26.0	358.95	352.05	338.76	327.78	330.16	336.01	347.72	340.32	330.36	328.18	336.72	352.23
$\gamma$ 27.0	357.48	349.81	335.61	323.91	326.34	333.26	345.35	338.22	326.69	324.35	334.21	349.75
$\gamma$ 28.0	354.78	347.27	332.19	319.70	322.88	330.59	343.03	335.33	323.40	320.01	330.47	347.61
$\gamma$ 29.0	352.86	345.10	328.93	315.93	319.35	327.28	340.61	332.46	319.62	315.98	326.76	344.92
$\gamma$ 30.0	350.89	342.34	325.79	311.84	315.82	324.65	338.30	329.44	316.02	311.59	322.97	342.52
$\gamma$ 31.0	348.51	339.83	321.90	307.84	312.16	321.75	335.72	326.53	311.81	307.23	319.09	340.07
$\gamma$ 32.0	346.19	337.22	318.15	303.40	308.08	318.92	333.14	323.78	307.99	302.78	315.12	337.42
$\gamma$ 33.0	344.07	334.48	314.81	298.95	304.14	316.07	330.48	320.58	303.82	298.07	311.17	334.69
$\gamma$ 34.0	341.89	331.59	310.86	294.64	300.24	313.10	327.89	317.59	299.86	293.29	307.25	331.89
$\gamma$ 35.0	339.26	329.07	307.18	290.00	296.91	309.95	325.48	314.89	295.54	288.57	303.25	328.98
$\gamma$ 36.0	336.77	325.97	303.14	285.34	292.63	306.98	322.76	311.93	291.31	284.01	298.66	326.33
$\gamma$ 37.0	334.27	323.24	299.34	280.56	289.22	303.80	320.70	308.90	286.83	278.96	294.71	323.65
$\gamma$ 38.0	331.55	320.46	295.53	275.98	284.55	300.73	318.07	305.82	282.60	274.17	290.72	320.76
$\gamma$ 39.0	329.04	317.48	291.31	271.08	280.20	297.64	314.88	302.85	278.49	269.25	286.08	317.25
$\gamma$ 40.0	326.24	314.44	287.48	266.54	276.65	294.94	312.23	299.45	274.05	264.32	281.85	314.83
$\gamma$ 41.0	323.67	311.36	283.04	261.32	272.14	291.55	309.63	296.33	269.85	259.30	277.58	311.51
$\gamma$ 42.0	321.24	307.94	279.06	256.32	267.73	288.48	306.71	293.33	265.53	254.29	273.14	308.70
$\gamma$ 43.0	318.33	305.62	274.82	251.64	263.67	285.41	304.22	290.24	261.09	249.30	268.65	305.41
$\gamma$ 44.0	315.73	301.79	270.53	246.12	259.68	282.28	300.97	287.00	256.76	244.28	264.72	302.29
$\gamma$ 45.0	312.82	298.92	266.60	241.16	255.19	278.98	298.40	283.55	252.60	238.98	260.23	298.93
$\gamma$ 46.0	310.08	295.45	262.09	235.81	250.94	275.73	296.13	280.50	247.84	233.72	255.82	295.57

**IES Indoor Report**  
**Photometric Filename:U6 TYPE A+B 15W 35K.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
γ 47.0	307.28	292.64	257.86	230.73	246.63	272.97	293.01	276.83	243.66	228.76	251.32	292.23
γ 48.0	304.30	289.28	253.76	225.42	242.24	269.62	290.18	273.71	239.33	223.41	246.69	288.85
γ 49.0	301.38	285.77	249.26	220.12	238.05	266.52	287.42	270.35	235.08	218.29	242.21	285.62
γ 50.0	298.60	282.80	245.02	214.92	233.96	263.28	284.57	266.96	230.74	213.19	237.77	281.96
γ 51.0	295.67	279.81	240.60	209.53	229.45	260.14	282.10	263.98	226.38	207.82	233.28	278.89
γ 52.0	293.14	276.47	236.34	204.07	224.98	257.25	279.42	260.72	222.17	202.78	229.15	275.57
γ 53.0	289.85	273.17	231.85	198.64	220.80	254.06	276.57	257.57	218.06	197.19	224.78	272.27
γ 54.0	286.91	270.42	227.94	193.41	216.62	251.13	273.60	254.22	214.07	192.10	220.46	268.78
γ 55.0	284.18	266.97	223.34	187.99	212.24	248.09	270.91	251.24	209.46	186.97	215.99	265.69
γ 56.0	281.39	263.97	219.41	182.49	207.81	245.11	267.95	248.18	205.51	181.48	212.04	262.21
γ 57.0	278.30	260.61	215.03	177.03	203.93	241.99	265.52	245.39	201.31	176.27	207.61	259.48
γ 58.0	275.48	257.72	210.82	171.59	199.56	238.70	262.65	242.11	197.16	171.03	203.26	255.95
γ 59.0	272.51	254.64	206.54	166.22	195.44	236.01	259.83	239.18	192.96	165.86	199.04	252.93
γ 60.0	269.62	251.03	202.47	160.65	191.51	233.08	256.92	236.06	188.98	160.43	194.61	249.81
γ 61.0	266.56	248.21	198.22	155.17	187.33	229.96	254.25	233.06	185.08	155.44	190.39	246.45
γ 62.0	263.93	245.50	194.14	149.81	183.53	226.99	251.57	230.09	181.22	150.30	186.43	243.40
γ 63.0	261.00	241.87	190.13	144.40	179.39	223.93	248.93	227.31	177.20	144.86	182.34	240.44
γ 64.0	258.22	238.82	186.21	138.89	175.53	221.26	246.24	224.28	173.53	139.66	178.15	237.30
γ 65.0	255.35	235.64	182.20	133.40	171.57	218.12	243.66	221.38	169.51	134.57	174.23	234.25
γ 66.0	252.36	232.52	178.35	128.03	167.64	215.20	240.91	218.65	165.82	129.34	170.30	230.95
γ 67.0	249.50	229.68	174.33	122.78	163.93	212.53	237.99	215.69	162.06	124.29	166.30	227.86
γ 68.0	246.38	226.58	170.69	117.38	160.20	209.53	235.42	212.96	158.59	119.15	162.61	225.27
γ 69.0	243.80	223.37	166.99	112.03	156.40	206.51	232.70	210.49	154.96	114.13	158.81	222.71
γ 70.0	240.92	220.54	163.30	106.78	152.98	203.49	229.83	207.45	151.32	109.13	155.08	219.33
γ 71.0	237.77	217.58	159.61	101.62	149.49	200.92	227.29	204.59	147.89	104.02	151.38	216.38
γ 72.0	234.76	214.59	156.07	96.41	145.73	197.97	224.60	201.81	144.46	99.01	147.97	213.62
γ 73.0	232.09	211.35	152.51	91.13	142.22	195.18	221.95	199.22	141.20	94.15	144.39	209.66
γ 74.0	229.27	208.60	149.02	86.06	138.93	192.38	219.11	196.55	137.85	89.40	140.75	207.70
γ 75.0	226.66	205.21	145.76	80.89	135.35	189.44	216.28	193.79	134.57	84.53	137.51	205.00
γ 76.0	223.73	202.62	142.32	75.96	131.84	186.44	213.82	191.28	131.40	79.66	134.22	201.99
γ 77.0	221.08	199.50	138.92	71.04	128.46	183.63	211.08	188.13	128.27	75.06	131.10	199.16
γ 78.0	218.18	196.61	135.65	65.72	124.98	180.49	208.39	186.02	125.11	70.48	127.79	196.50
γ 79.0	215.81	193.61	132.13	59.33	121.65	176.94	205.75	183.37	121.89	66.02	124.58	193.77
γ 80.0	212.82	190.40	128.72	52.64	118.08	170.43	203.08	180.62	118.85	61.57	121.42	191.06
γ 81.0	208.51	186.90	125.22	46.13	114.52	160.83	197.29	178.02	115.68	57.15	118.38	188.28
γ 82.0	200.00	180.28	121.55	41.47	110.51	149.99	188.08	175.01	112.65	52.65	115.25	185.66
γ 83.0	189.39	170.46	117.69	37.89	105.64	138.54	177.25	168.04	109.36	48.38	112.22	182.78
γ 84.0	177.24	159.33	113.07	35.07	98.15	126.90	165.20	158.25	106.11	44.41	108.97	179.98
γ 85.0	164.12	147.32	105.70	32.49	88.92	115.02	152.43	146.86	102.69	40.55	105.85	175.07
γ 86.0	151.13	135.18	96.55	30.19	79.47	103.91	139.89	134.58	98.54	37.01	102.53	165.95
γ 87.0	138.11	123.11	86.62	27.80	70.85	94.69	127.03	121.48	91.34	31.26	98.95	154.55
γ 88.0	125.80	111.42	77.36	26.01	67.79	92.83	115.05	108.73	81.17	25.19	94.33	141.80
γ 89.0	114.07	101.23	71.92	25.52	66.85	91.96	104.04	96.27	69.15	22.37	85.49	128.65
γ 90.0	104.11	97.53	70.61	24.88	67.92	92.75	98.42	85.11	56.57	19.60	73.99	115.63
γ 91.0	102.10	96.36	70.27	24.49	69.90	94.79	97.34	81.67	46.88	14.80	61.34	102.87
γ 92.0	101.21	95.92	71.35	24.48	71.96	97.99	97.21	80.50	44.02	8.12	49.56	90.53
γ 93.0	101.24	96.65	72.78	24.78	70.15	101.88	98.47	80.93	44.15	10.01	44.85	83.96



# IES Indoor Report

Photometric Filename:U6 TYPE A+B 15W 35K.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
γ 94.0	101.99	98.35	73.33	25.50	66.26	105.68	100.88	82.90	47.79	13.28	42.70	82.47
γ 95.0	103.53	100.90	69.35	27.17	61.91	108.72	104.62	86.46	52.32	10.79	43.67	81.65
γ 96.0	105.93	103.65	64.47	26.85	58.12	107.82	109.29	91.25	55.08	11.10	46.70	82.10
γ 97.0	109.04	106.13	60.92	25.42	55.81	102.47	113.77	96.15	52.40	11.61	49.47	83.68
γ 98.0	112.15	107.62	59.12	24.31	54.31	96.99	117.83	100.69	49.07	12.19	47.27	86.17
γ 99.0	114.91	102.20	57.67	24.98	53.06	91.57	121.13	102.11	46.45	11.44	44.81	89.72
γ 100.0	116.01	95.94	56.41	25.66	51.89	86.49	118.22	97.03	45.06	10.20	44.01	93.32
γ 101.0	110.06	90.19	55.25	26.37	50.74	82.01	112.39	91.71	44.44	8.91	43.68	95.83
γ 102.0	103.69	85.69	54.21	27.00	49.79	78.76	106.46	86.39	43.94	9.06	43.32	91.05
γ 103.0	97.68	82.75	53.31	27.74	48.99	76.44	100.63	81.57	43.38	9.62	42.95	85.20
γ 104.0	92.99	81.08	52.90	28.51	48.32	75.09	95.31	77.77	42.87	10.40	42.66	80.48
γ 105.0	89.60	79.92	53.03	29.25	48.01	74.08	90.76	74.64	42.42	11.22	42.61	77.10
γ 106.0	87.61	79.04	53.76	30.04	48.00	73.00	86.92	72.66	42.13	12.06	42.87	75.36
γ 107.0	86.57	77.95	54.94	30.86	48.53	72.13	84.00	71.49	41.95	12.95	43.08	74.32
γ 108.0	85.50	76.91	56.57	31.69	49.47	71.12	82.11	70.44	42.26	13.90	43.93	73.42
γ 109.0	84.32	75.98	58.70	32.56	50.86	70.27	80.87	69.53	42.87	15.07	46.28	72.54
γ 110.0	83.41	75.13	60.99	33.43	52.34	69.36	79.81	67.88	43.73	16.95	48.17	71.62
γ 111.0	80.99	74.28	63.44	34.14	53.87	68.50	78.89	65.00	44.69	19.44	50.32	70.40
γ 112.0	76.15	73.65	65.98	34.54	55.61	67.72	77.91	61.81	46.10	21.63	52.46	68.52
γ 113.0	71.82	73.20	68.37	34.70	57.40	67.15	76.52	58.17	47.56	22.76	54.26	66.56
γ 114.0	69.94	73.16	70.16	35.42	59.15	66.61	72.97	55.97	49.21	24.00	55.39	65.08
γ 115.0	69.17	73.24	70.44	36.29	60.87	66.30	68.40	54.75	50.78	25.30	55.46	63.03
γ 116.0	69.35	73.45	69.74	37.16	62.12	66.12	65.99	53.77	52.47	26.46	54.57	62.52
γ 117.0	70.44	73.83	68.91	38.03	62.61	65.96	64.56	53.58	54.27	27.37	53.34	63.96
γ 118.0	72.73	74.58	68.16	38.85	62.43	65.98	63.83	53.76	55.85	28.17	52.72	62.77
γ 119.0	74.66	75.18	67.50	39.64	62.21	66.11	64.02	53.93	56.29	28.97	52.36	62.41
γ 120.0	76.04	75.93	66.89	40.36	61.92	66.59	65.14	55.04	55.85	29.79	52.33	63.41
γ 121.0	77.62	76.82	66.08	41.14	61.45	67.10	66.53	56.19	54.51	30.47	52.35	65.11
γ 122.0	79.26	77.89	65.36	41.83	60.97	67.47	66.96	57.39	53.37	30.34	52.00	67.82
γ 123.0	81.47	79.60	64.86	42.49	60.49	68.02	67.34	58.80	52.63	30.10	51.35	70.14
γ 124.0	84.15	81.67	64.48	42.94	60.24	68.68	68.11	61.14	51.68	30.41	50.61	72.85
γ 125.0	86.64	83.71	64.06	43.40	60.17	69.75	69.21	63.15	49.85	30.63	49.62	74.84
γ 126.0	88.36	85.86	63.76	43.85	59.97	71.25	71.14	64.75	47.28	30.93	48.02	76.56
γ 127.0	90.13	87.28	63.79	44.10	59.87	72.92	73.45	66.40	45.67	31.16	45.86	77.78
γ 128.0	91.74	87.54	63.51	44.44	59.78	74.39	75.42	67.96	46.63	31.20	45.41	78.65
γ 129.0	93.54	86.75	62.75	44.79	59.64	75.80	77.23	69.59	46.52	31.02	46.23	78.91
γ 130.0	95.10	85.21	62.26	45.11	59.54	76.58	78.75	71.30	43.81	30.25	45.12	78.50
γ 131.0	96.43	83.40	61.95	45.71	59.32	76.47	80.81	72.96	42.84	29.25	43.12	77.57
γ 132.0	97.38	81.81	61.61	46.61	59.13	75.74	82.65	74.22	42.53	29.84	42.98	76.25
γ 133.0	97.18	80.68	61.47	48.06	59.09	74.86	84.63	74.37	42.80	30.57	42.74	74.46
γ 134.0	96.11	79.87	61.71	48.84	59.33	74.52	86.51	73.69	45.46	29.51	43.69	72.87
γ 135.0	94.35	79.20	62.07	49.38	59.64	74.15	88.33	72.73	47.61	28.89	46.85	71.84
γ 136.0	92.48	78.54	62.61	50.19	60.03	73.71	89.51	71.58	48.39	28.99	49.29	71.86
γ 137.0	90.58	77.80	63.16	50.44	60.17	73.14	89.44	70.95	49.28	28.99	50.55	72.07
γ 138.0	89.75	77.22	63.09	50.56	59.87	72.72	88.24	70.42	50.34	29.21	51.64	72.05
γ 139.0	88.71	76.85	63.05	50.72	59.68	72.28	85.94	70.02	51.29	29.58	51.85	71.68
γ 140.0	87.59	76.53	62.96	50.81	58.78	71.86	84.63	69.67	52.08	30.17	51.17	71.25

