IES Indoor Report
Photometric Filename:253306-6 PVHB-UFO02-200W-44 40K B72+C73-0113020282N.IES

Indoor Luminaire Photometric Data

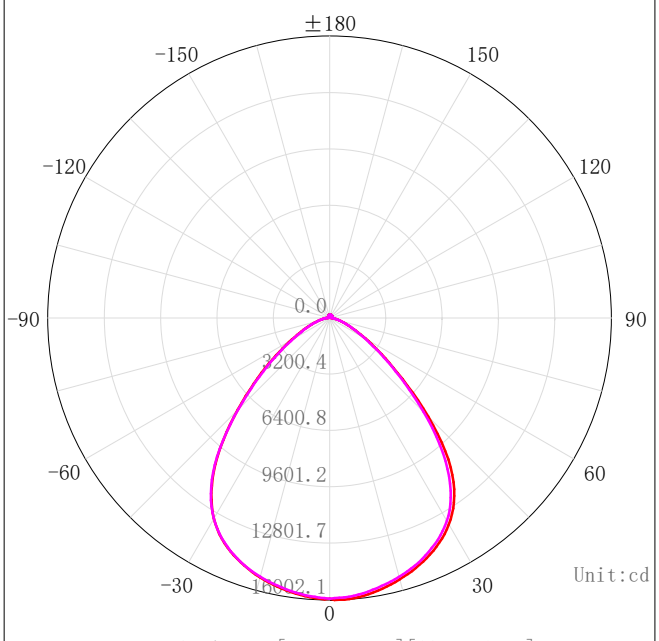
Description Information

Luminary Name: 253306-6 PVHB-UFO02-200W-44 40K B72+C73-0113020		Lum. Catelog:	Test ID:
Lamp Name:		Lamp Catelog:	Test Date: 2026/01/06
Manufacture:		Shld.Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency(Hz):50.0	Lamp CCT(K): Ra:
Lum.Size(W*L*H):0mm*0mm*0mm		Lum.Area(m2):0.000	Lum.W(kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp.(℃): 25	Humidity(%): 40

Character Parameter

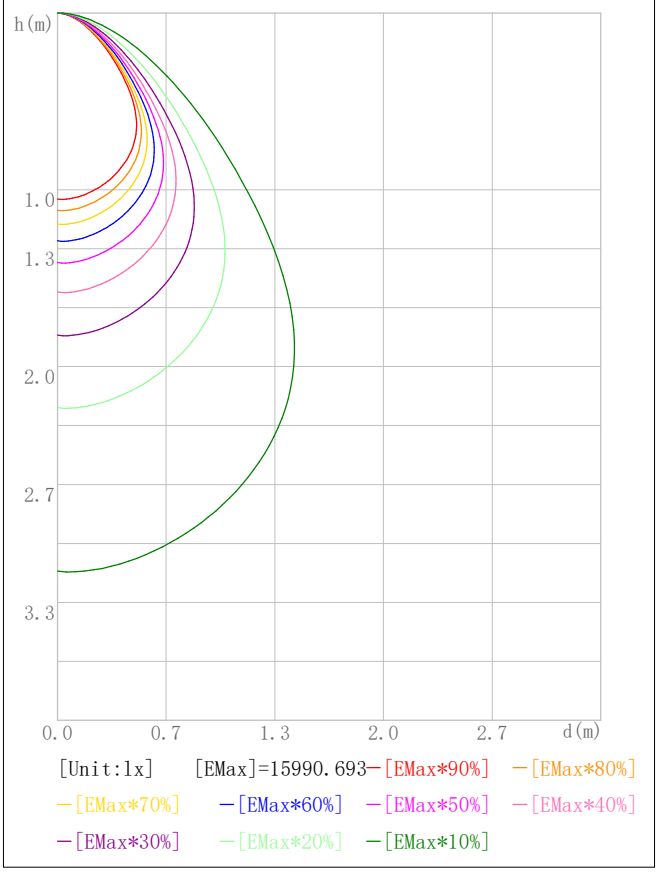
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm):	31713.279	Luminary Flux(lm): 31713.284	Field Angle(10%Imax): 129.6(°)
Rated Power(W):		Luminary Efficiency: 100.00%	Down Lumens&Percent: 31082.0741m 98.01%
Rated Voltage(V):		Luminary EER(lm/W): 166.299	Up Lumens&Percent: 631.2101m 1.99%
Tested Power(W):	190.700	Max.Candela(cd): 16002.063	S/MH: C0_a180=1.236 C90_270=1.227
Lamps' Inside:	1	Max Cand@Ang.(°): C=0.0 γ=2.0	CIE Type: Semi-Direct
Tested Electrics(V,A,pf):230.0,0.839,0.988		Beam Angle(50%Imax): 88.4(°)	ErP Φuse(90°): 22782.452lm
Lamp Size(W*L*H):0mm*0mm*0mm		Left=-43.6° ,Right=44.9°	IRF(%): 126.525

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
C0.0_180.0 :	88.4	129.6
C90.0_270.0 :	87.8	129.0
Average:	88.1	129.3

C0 Space ISO Illuminance Curve



[Unit:lx] [EMax]=15990.693 —[EMax*90%] —[EMax*80%] —[EMax*70%] —[EMax*60%] —[EMax*50%] —[EMax*40%] —[EMax*30%] —[EMax*20%] —[EMax*10%]

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Average brightness table(cd/m2)

Angle value	Average	Average	Average
Y(°)	L0	L45	L90
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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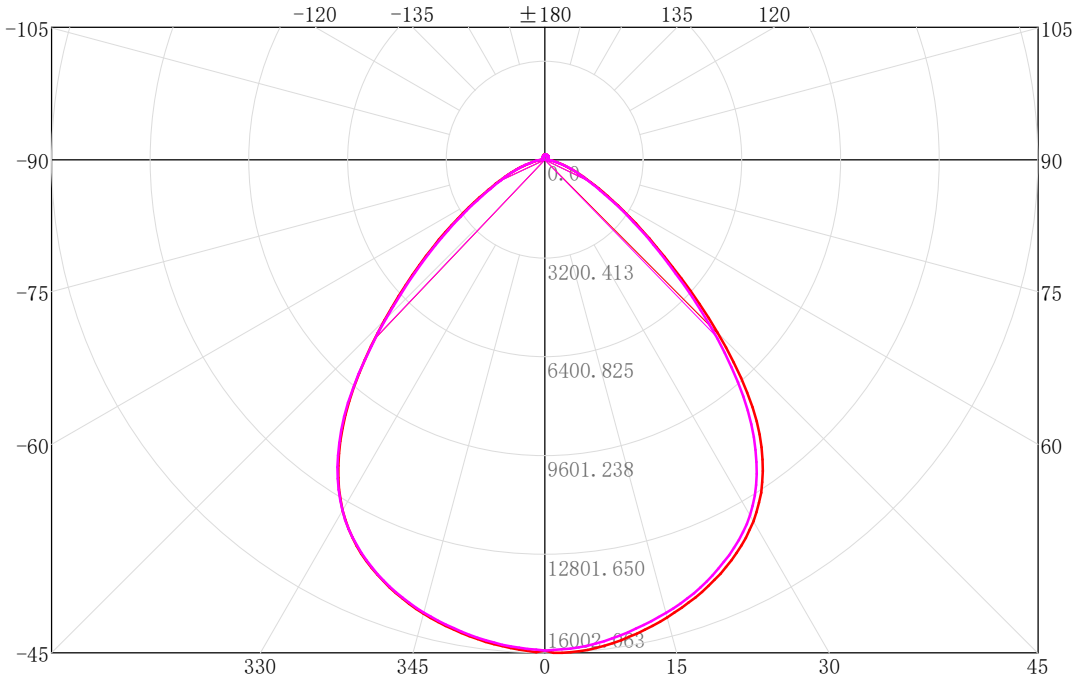
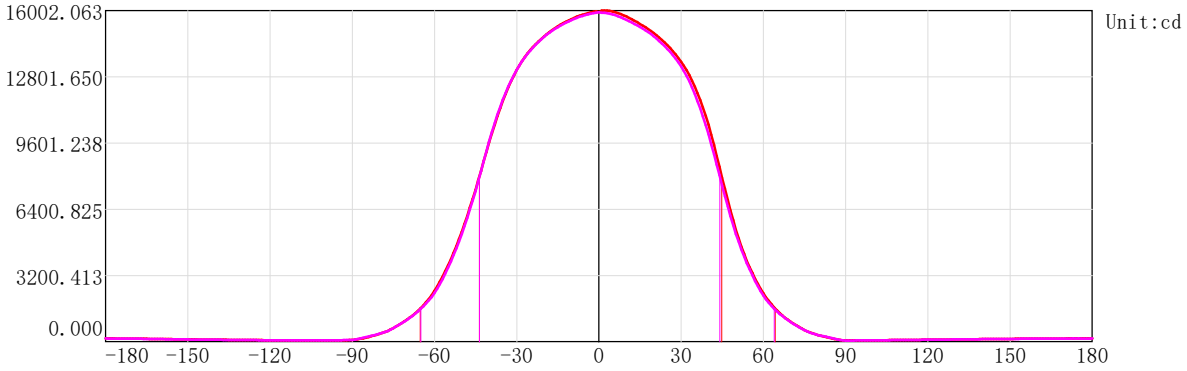
2D Plane Light Intensity Distribution Curve

Lum.Name: 253306-6 PVHB-UFO02-200W-44 40K B72+C73-011302028	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/06

C Plane Distribution Diagram





C Plane	[50%MaxAng.]	[10%MaxAng.]
C0.0_180.0 :	88.4	129.6
C90.0_270.0 :	87.8	129.0
Average:	88.1	129.3

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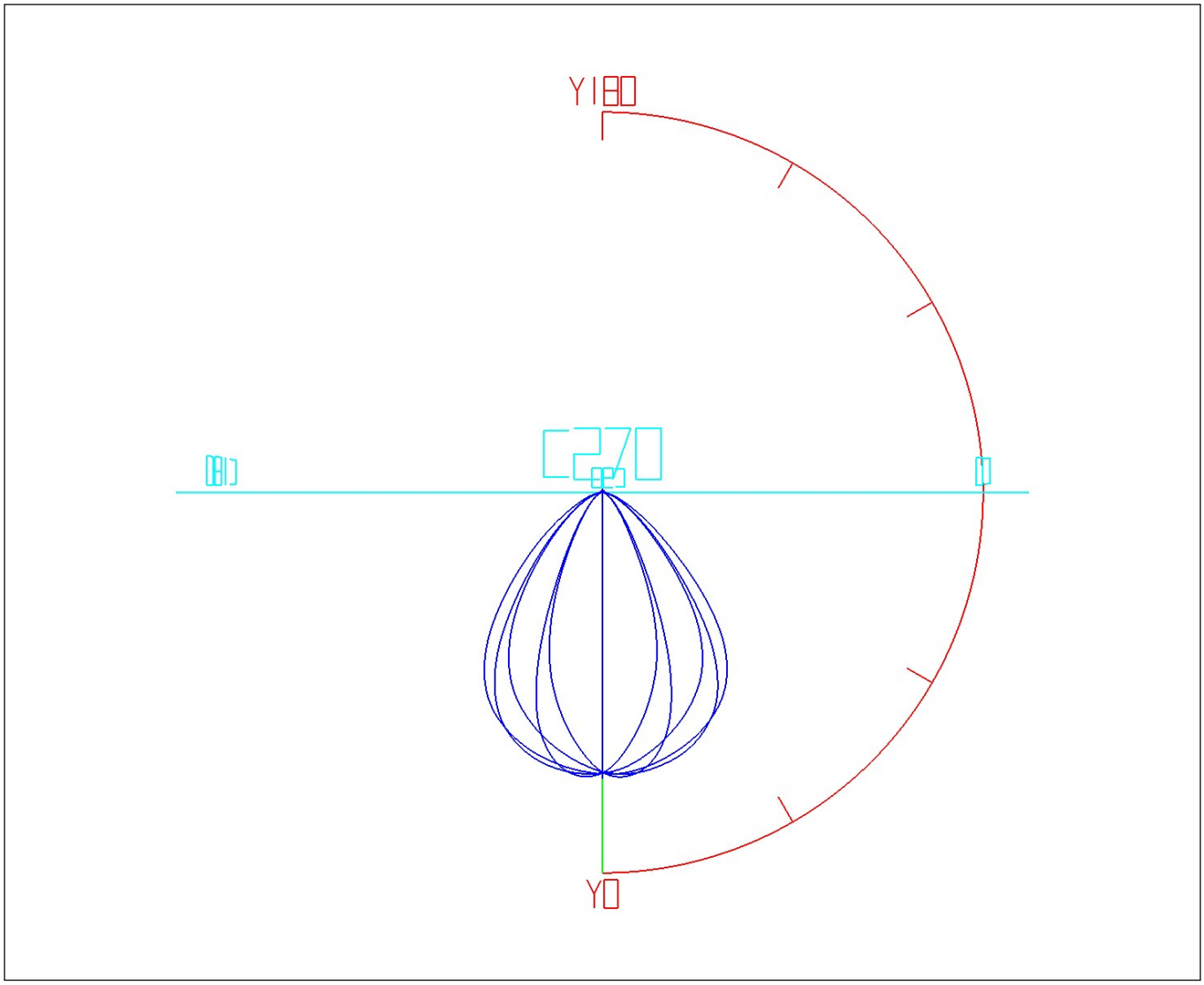
3D Light Intensity Distribution Modal

Lum.Name: 253306-6 PVHB-UFO02-200W-44 40K B72+C73-011302028	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/06

3D Light Intensity Distribution Modal



Curves: 3D Model Fixture Vert. HUD Hori. HUD

View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

IES Indoor Report
Photometric Filename:253306-6 PVHB-UFO02-200W-44 40K B72+C73-0113020282N.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	15.23	15.23	0.05	0.05	47.0-48.0	504.28	24431.35	1.59	77.04
1.0-2.0	45.66	60.89	0.14	0.19	48.0-49.0	476.41	24907.75	1.50	78.54
2.0-3.0	76.00	136.89	0.24	0.43	49.0-50.0	449.18	25356.93	1.42	79.96
3.0-4.0	106.22	243.10	0.33	0.77	50.0-51.0	422.92	25779.86	1.33	81.29
4.0-5.0	136.25	379.36	0.43	1.20	51.0-52.0	397.84	26177.70	1.25	82.54
5.0-6.0	166.07	545.42	0.52	1.72	52.0-53.0	373.91	26551.61	1.18	83.72
6.0-7.0	195.61	741.04	0.62	2.34	53.0-54.0	351.02	26902.63	1.11	84.83
7.0-8.0	224.88	965.92	0.71	3.05	54.0-55.0	329.07	27231.69	1.04	85.87
8.0-9.0	253.80	1219.72	0.80	3.85	55.0-56.0	307.98	27539.67	0.97	86.84
9.0-10.0	282.36	1502.08	0.89	4.74	56.0-57.0	287.68	27827.35	0.91	87.75
10.0-11.0	310.55	1812.63	0.98	5.72	57.0-58.0	268.33	28095.67	0.85	88.59
11.0-12.0	338.33	2150.96	1.07	6.78	58.0-59.0	250.00	28345.68	0.79	89.38
12.0-13.0	365.70	2516.66	1.15	7.94	59.0-60.0	232.68	28578.36	0.73	90.11
13.0-14.0	392.60	2909.26	1.24	9.17	60.0-61.0	216.45	28794.81	0.68	90.80
14.0-15.0	418.99	3328.25	1.32	10.49	61.0-62.0	201.37	28996.18	0.63	91.43
15.0-16.0	444.84	3773.09	1.40	11.90	62.0-63.0	187.36	29183.54	0.59	92.02
16.0-17.0	470.13	4243.22	1.48	13.38	63.0-64.0	174.32	29357.85	0.55	92.57
17.0-18.0	494.80	4738.01	1.56	14.94	64.0-65.0	162.16	29520.02	0.51	93.08
18.0-19.0	518.80	5256.81	1.64	16.58	65.0-66.0	150.81	29670.83	0.48	93.56
19.0-20.0	542.09	5798.90	1.71	18.29	66.0-67.0	140.17	29811.00	0.44	94.00
20.0-21.0	564.57	6363.47	1.78	20.07	67.0-68.0	130.06	29941.05	0.41	94.41
21.0-22.0	586.19	6949.66	1.85	21.91	68.0-69.0	120.40	30061.45	0.38	94.79
22.0-23.0	606.91	7556.57	1.91	23.83	69.0-70.0	111.19	30172.64	0.35	95.14
23.0-24.0	626.74	8183.31	1.98	25.80	70.0-71.0	102.35	30274.99	0.32	95.46
24.0-25.0	645.59	8828.91	2.04	27.84	71.0-72.0	93.86	30368.85	0.30	95.76
25.0-26.0	663.29	9492.20	2.09	29.93	72.0-73.0	85.69	30454.54	0.27	96.03
26.0-27.0	679.72	10171.92	2.14	32.07	73.0-74.0	77.80	30532.34	0.25	96.28
27.0-28.0	694.76	10866.67	2.19	34.27	74.0-75.0	70.20	30602.54	0.22	96.50
28.0-29.0	708.27	11574.94	2.23	36.50	75.0-76.0	63.00	30665.54	0.20	96.70
29.0-30.0	720.12	12295.07	2.27	38.77	76.0-77.0	56.44	30721.99	0.18	96.87
30.0-31.0	730.04	13025.10	2.30	41.07	77.0-78.0	50.74	30772.73	0.16	97.03
31.0-32.0	737.73	13762.83	2.33	43.40	78.0-79.0	45.81	30818.54	0.14	97.18
32.0-33.0	743.04	14505.87	2.34	45.74	79.0-80.0	41.48	30860.02	0.13	97.31
33.0-34.0	745.85	15251.72	2.35	48.09	80.0-81.0	37.58	30897.60	0.12	97.43
34.0-35.0	746.07	15997.79	2.35	50.45	81.0-82.0	33.96	30931.56	0.11	97.54
35.0-36.0	743.58	16741.37	2.34	52.79	82.0-83.0	30.36	30961.92	0.10	97.63
36.0-37.0	738.34	17479.72	2.33	55.12	83.0-84.0	26.75	30988.67	0.08	97.72
37.0-38.0	730.20	18209.91	2.30	57.42	84.0-85.0	23.20	31011.87	0.07	97.79
38.0-39.0	718.95	18928.86	2.27	59.69	85.0-86.0	19.79	31031.66	0.06	97.85
39.0-40.0	704.33	19633.19	2.22	61.91	86.0-87.0	16.56	31048.23	0.05	97.90
40.0-41.0	686.34	20319.53	2.16	64.07	87.0-88.0	13.55	31061.78	0.04	97.95
41.0-42.0	665.39	20984.92	2.10	66.17	88.0-89.0	10.98	31072.76	0.03	97.98
42.0-43.0	642.00	21626.92	2.02	68.20	89.0-90.0	9.32	31082.07	0.03	98.01
43.0-44.0	616.61	22243.53	1.94	70.14	90.0-91.0	8.73	31090.80	0.03	98.04
44.0-45.0	589.54	22833.07	1.86	72.00	91.0-92.0	8.62	31099.42	0.03	98.06
45.0-46.0	561.32	23394.39	1.77	73.77	92.0-93.0	8.54	31107.96	0.03	98.09
46.0-47.0	532.68	23927.07	1.68	75.45	93.0-94.0	8.48	31116.44	0.03	98.12

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Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	8.45	31124.88	0.03	98.14
95.0-96.0	8.41	31133.29	0.03	98.17
96.0-97.0	8.39	31141.68	0.03	98.20
97.0-98.0	8.36	31150.04	0.03	98.22
98.0-99.0	8.34	31158.38	0.03	98.25
99.0-100.0	8.34	31166.72	0.03	98.28
100.0-101.0	8.35	31175.07	0.03	98.30
101.0-102.0	8.36	31183.43	0.03	98.33
102.0-103.0	8.36	31191.80	0.03	98.36
103.0-104.0	8.39	31200.18	0.03	98.38
104.0-105.0	8.42	31208.60	0.03	98.41
105.0-106.0	8.45	31217.05	0.03	98.44
106.0-107.0	8.48	31225.53	0.03	98.46
107.0-108.0	8.50	31234.03	0.03	98.49
108.0-109.0	8.53	31242.56	0.03	98.52
109.0-110.0	8.57	31251.12	0.03	98.54
110.0-111.0	8.59	31259.72	0.03	98.57
111.0-112.0	8.62	31268.34	0.03	98.60
112.0-113.0	8.65	31277.00	0.03	98.62
113.0-114.0	8.68	31285.68	0.03	98.65
114.0-115.0	8.71	31294.39	0.03	98.68
115.0-116.0	8.74	31303.12	0.03	98.71
116.0-117.0	8.76	31311.88	0.03	98.73
117.0-118.0	8.78	31320.66	0.03	98.76
118.0-119.0	8.80	31329.46	0.03	98.79
119.0-120.0	8.82	31338.28	0.03	98.82
120.0-121.0	8.84	31347.12	0.03	98.85
121.0-122.0	8.86	31355.99	0.03	98.87
122.0-123.0	8.87	31364.86	0.03	98.90
123.0-124.0	8.88	31373.74	0.03	98.93
124.0-125.0	8.88	31382.62	0.03	98.96
125.0-126.0	8.89	31391.51	0.03	98.99
126.0-127.0	8.88	31400.39	0.03	99.01
127.0-128.0	8.87	31409.26	0.03	99.04
128.0-129.0	8.86	31418.12	0.03	99.07
129.0-130.0	8.85	31426.97	0.03	99.10
130.0-131.0	8.82	31435.79	0.03	99.12
131.0-132.0	8.80	31444.58	0.03	99.15
132.0-133.0	8.77	31453.35	0.03	99.18
133.0-134.0	8.73	31462.08	0.03	99.21
134.0-135.0	8.69	31470.77	0.03	99.24
135.0-136.0	8.65	31479.42	0.03	99.26
136.0-137.0	8.59	31488.01	0.03	99.29
137.0-138.0	8.53	31496.54	0.03	99.32
138.0-139.0	8.46	31505.01	0.03	99.34
139.0-140.0	8.38	31513.39	0.03	99.37
140.0-141.0	8.30	31521.69	0.03	99.40
141.0-142.0	8.22	31529.91	0.03	99.42
142.0-143.0	8.12	31538.03	0.03	99.45
143.0-144.0	8.01	31546.04	0.03	99.47
144.0-145.0	7.90	31553.94	0.02	99.50
145.0-146.0	7.79	31561.73	0.02	99.52
146.0-147.0	7.67	31569.40	0.02	99.55
147.0-148.0	7.55	31576.95	0.02	99.57
148.0-149.0	7.42	31584.37	0.02	99.59
149.0-150.0	7.27	31591.64	0.02	99.62
150.0-151.0	7.12	31598.76	0.02	99.64
151.0-152.0	6.98	31605.74	0.02	99.66
152.0-153.0	6.82	31612.56	0.02	99.68
153.0-154.0	6.66	31619.22	0.02	99.70
154.0-155.0	6.49	31625.71	0.02	99.72
155.0-156.0	6.31	31632.02	0.02	99.74
156.0-157.0	6.13	31638.16	0.02	99.76
157.0-158.0	5.95	31644.11	0.02	99.78
158.0-159.0	5.75	31649.86	0.02	99.80
159.0-160.0	5.55	31655.40	0.02	99.82
160.0-161.0	5.33	31660.74	0.02	99.83
161.0-162.0	5.12	31665.86	0.02	99.85
162.0-163.0	4.89	31670.75	0.02	99.87
163.0-164.0	4.66	31675.41	0.01	99.88
164.0-165.0	4.42	31679.83	0.01	99.89
165.0-166.0	4.17	31684.00	0.01	99.91
166.0-167.0	3.92	31687.92	0.01	99.92
167.0-168.0	3.66	31691.58	0.01	99.93
168.0-169.0	3.39	31694.97	0.01	99.94
169.0-170.0	3.12	31698.09	0.01	99.95
170.0-171.0	2.84	31700.94	0.01	99.96
171.0-172.0	2.56	31703.50	0.01	99.97
172.0-173.0	2.27	31705.77	0.01	99.98
173.0-174.0	1.98	31707.75	0.01	99.98
174.0-175.0	1.68	31709.43	0.01	99.99
175.0-176.0	1.38	31710.81	0.00	99.99
176.0-177.0	1.08	31711.89	0.00	100.00
177.0-178.0	0.77	31712.66	0.00	100.00
178.0-179.0	0.46	31713.13	0.00	100.00
179.0-180.0	0.16	31713.28	0.00	100.00

Conical surface Flux(90deg):22833.070
%lm = 72.00
%lamp = 72.00

Conical surface Flux(120deg):28578.357
%lm = 90.11
%lamp = 90.11

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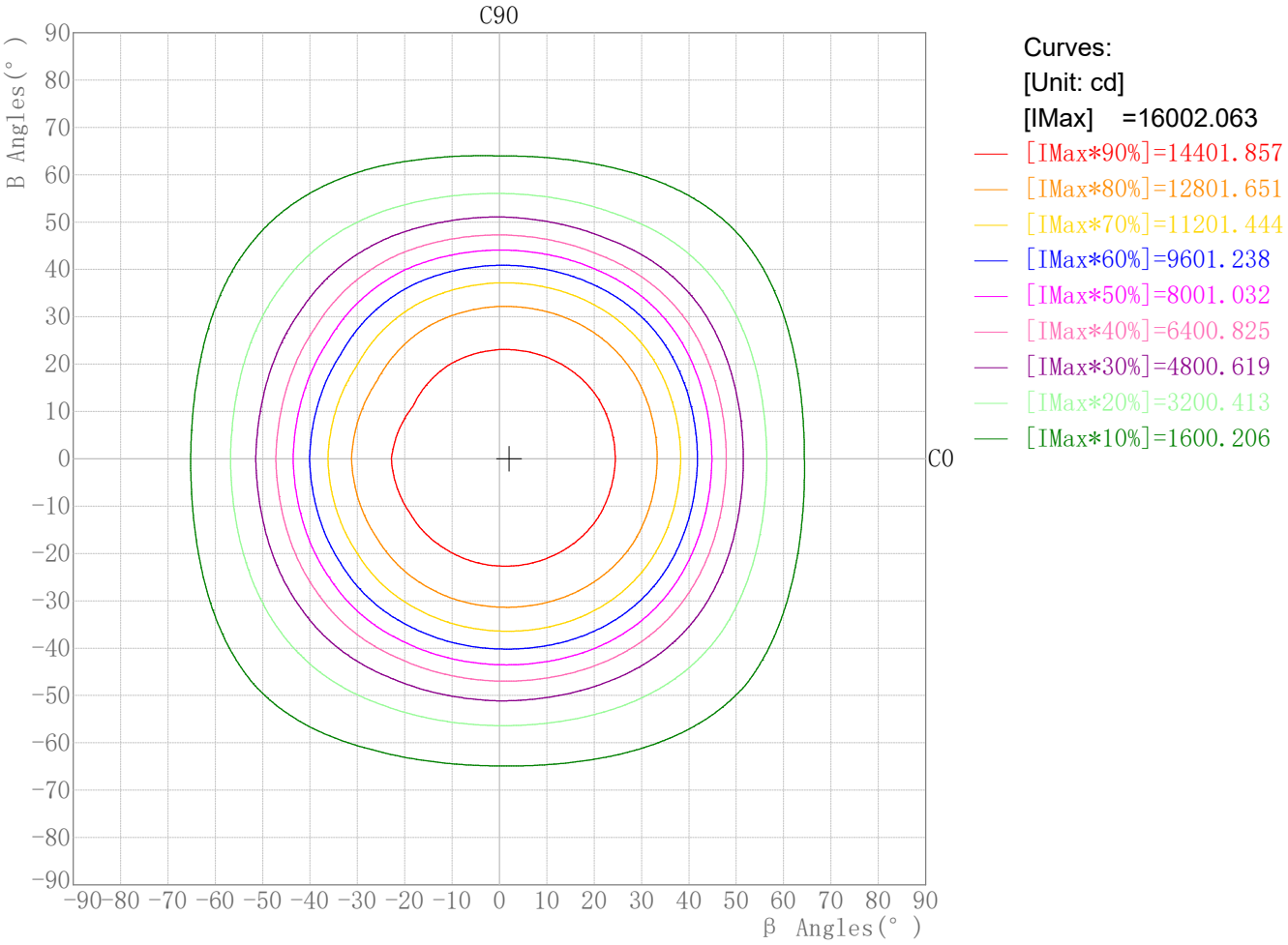
Rectangle ISO Lighting Intensity Diagram

Lum.Name: 253306-6 PVHB-UFO02-200W-44 40K B72+C73-011302028	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/06

ISO Lighting Intensity Curve



Maximum Light Intensity(cd): 16002.06
Maximum Cand.@Angle: H=2.0°,V=0.0°

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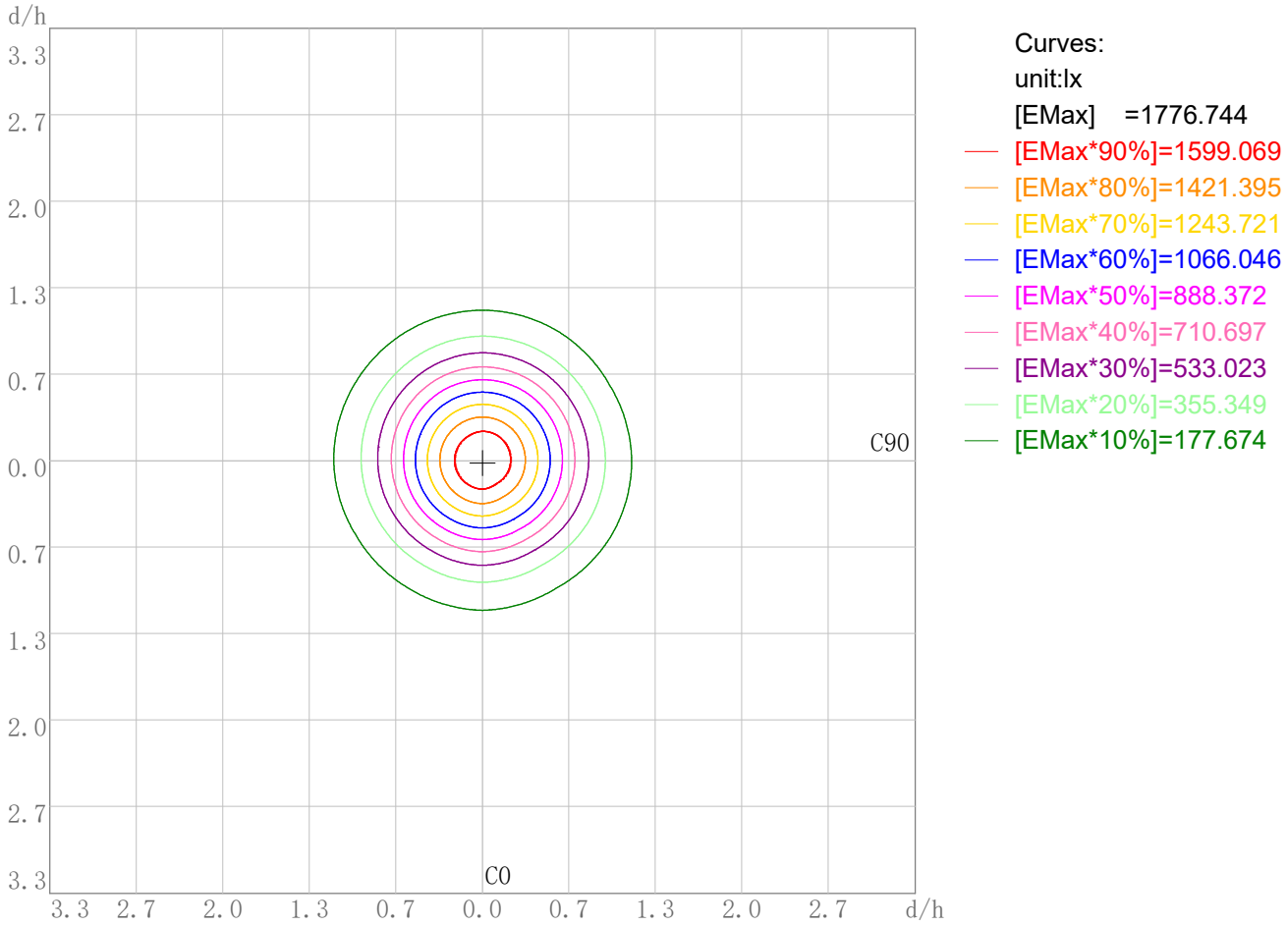
Plane ISO-Illuminance Diagram

Lum.Name: 253306-6 PVHB-UFO02-200W-44 40K B72+C73-011302028	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/06

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 1776.74
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

IES Indoor Report
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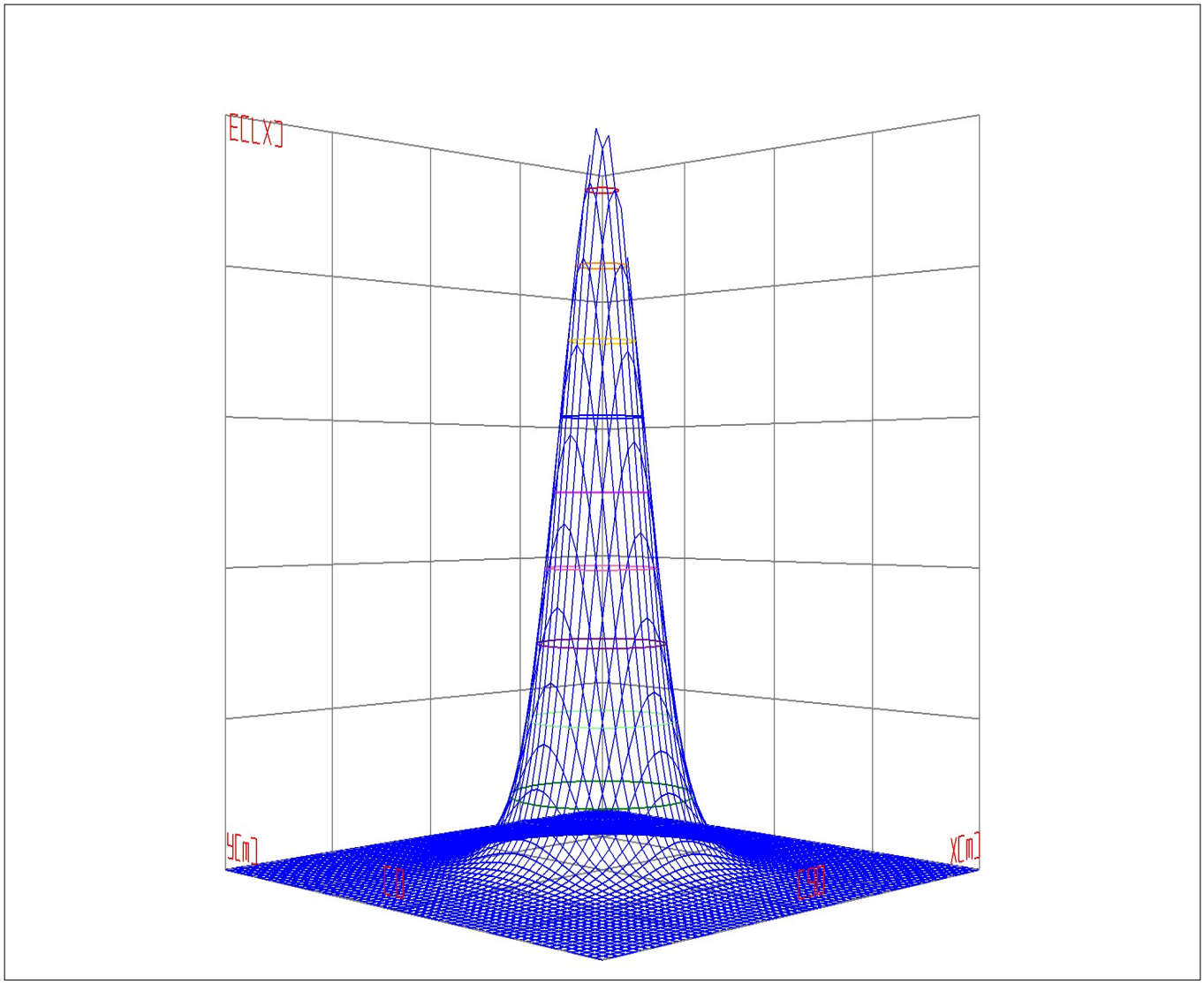
3D Plane ISO Illuminance Diagram

Lum.Name: 253306-6 PVHB-UFO02-200W-44 40K B72+C73-011302028	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/06

3D Plane Illuminance Modal



Curves: 3D Model 90% 80% 70% 60% 50% 40% 30% 20% 10%

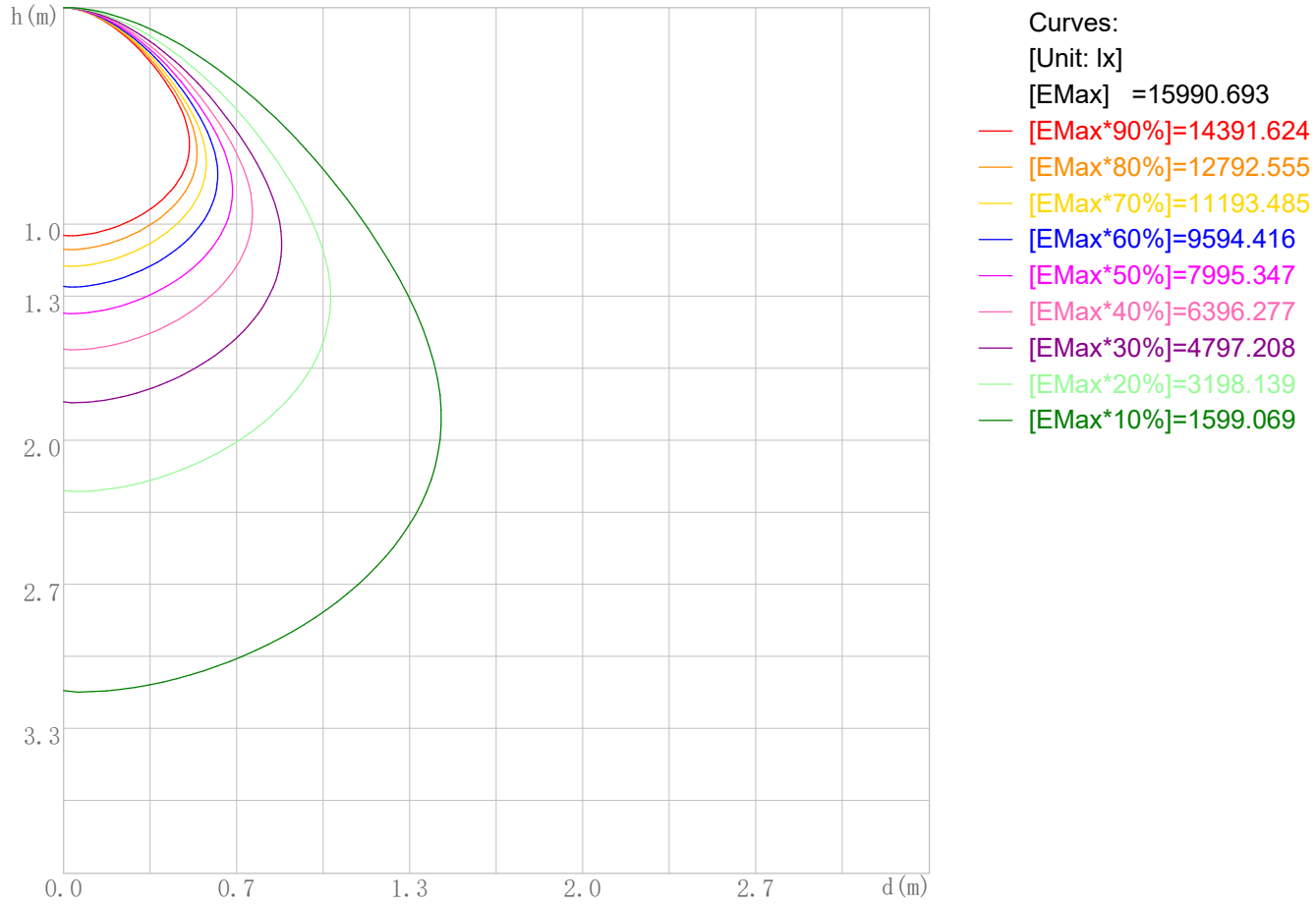
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

IES Indoor Report
Photometric Filename:253306-6 PVHB-UFO02-200W-44 40K B72+C73-0113020282N.IES

Space ISO Illuminance Diagram

Lum.Name: 253306-6 PVHB-UFO02-200W-44 40K B72+C73-011302028	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/06

Space ISO Illuminance Curve

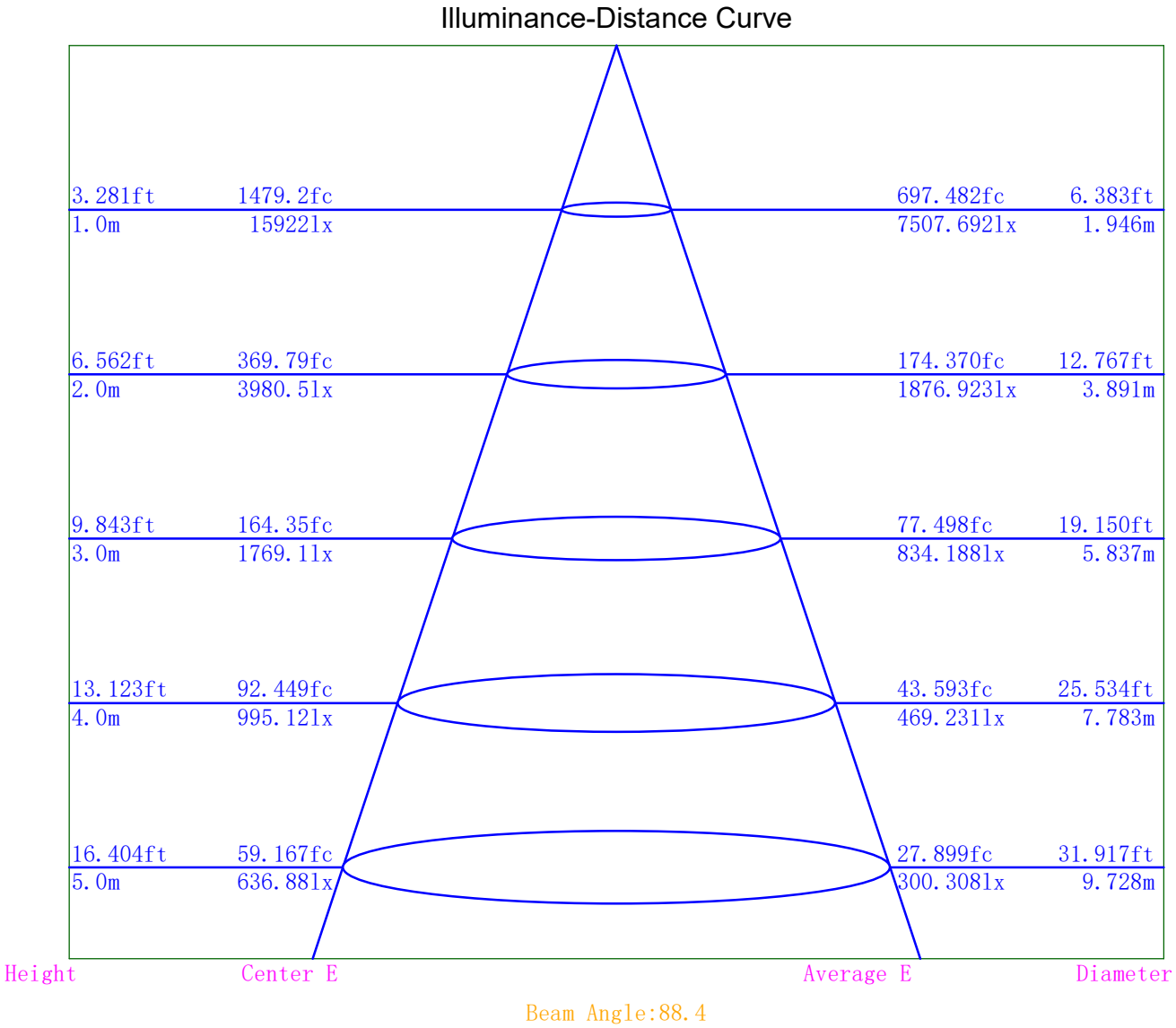


Space Plane Maximum Illuminance and @Angle:15990.69lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:16002.063cd,0eg

IES Indoor Report
Photometric Filename:253306-6 PVHB-UFO02-200W-44 40K B72+C73-0113020282N.IES

Illuminance-Distance Diagram

Lum.Name: 253306-6 PVHB-UFO02-200W-44 40K B72+C73-011302028	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/06



IES Indoor Report
Photometric Filename:253306-6 PVHB-UFO02-200W-44 40K B72+C73-0113020282N.IES

Indoor Luminance Limiting Curves

Lum.Name: 253306-6 PVHB-UFO02-200W-44 40K B72+C73-011302028	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/06

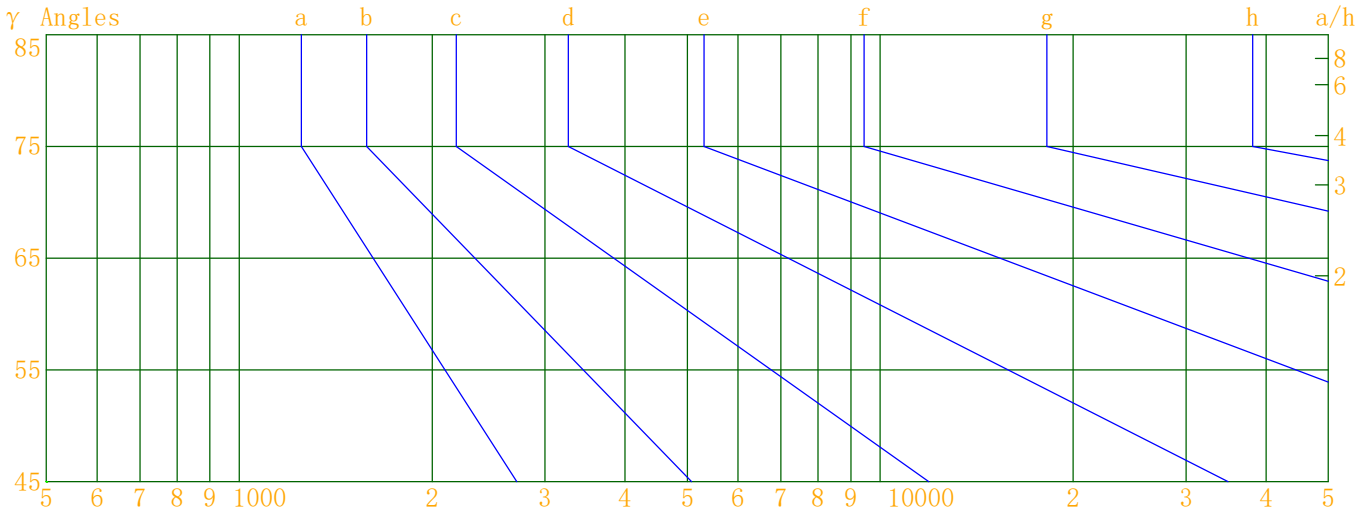
Glare Grade Table

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

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(m^2)=0.000000

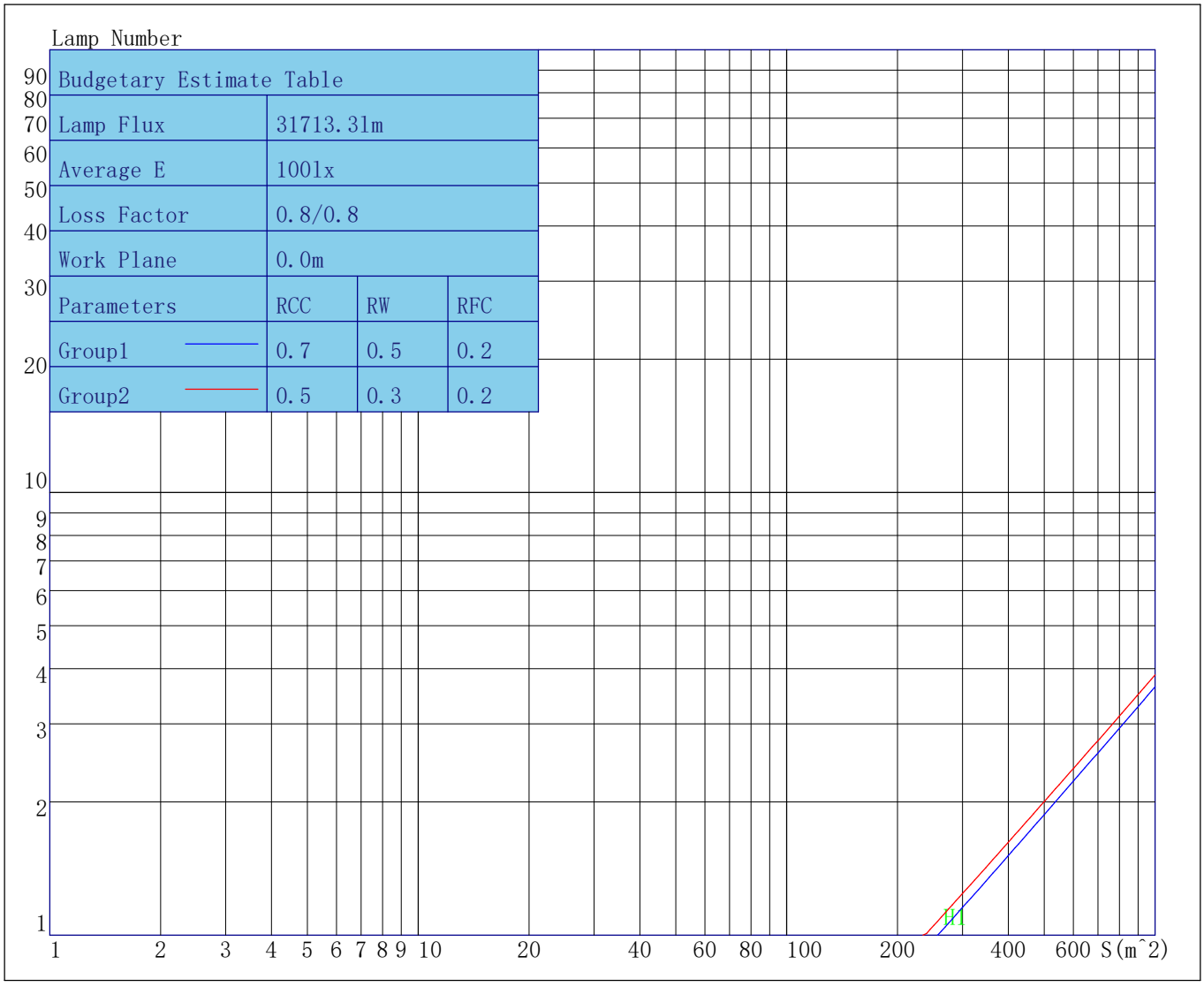
Luminous Type: Without Luminous Side

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

IES Indoor Report
Photometric Filename:253306-6 PVHB-UFO02-200W-44 40K B72+C73-0113020282N.IES

Indoor Budgetary Estimate Table

Lum.Name: 253306-6 PVHB-UFO02-200W-44 40K B72+C73-011302028	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/06



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:253306-6 PVHB-UFO02-200W-44 40K B72+C73-0113020282N.IES

Indoor Coefficient of Utilization Table

Lum.Name: 253306-6 PVHB-UFO02-200W-44 40K B72+C73-011302028	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/06

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	110	110	110	105	105	105	100	100	100	98
1	111	107	103	100	108	104	101	99	100	97	95	96	94	92	92	90	89	87
2	103	96	90	86	100	94	89	85	90	86	82	87	83	80	84	81	78	76
3	95	86	80	74	93	85	78	73	82	76	72	79	74	71	76	72	69	67
4	88	78	71	65	86	77	70	64	74	68	63	72	67	62	69	65	61	59
5	82	71	63	57	80	70	62	57	67	61	56	65	60	56	64	59	55	53
6	76	65	57	51	74	64	56	51	62	55	50	60	54	50	58	53	49	47
7	71	59	51	46	70	58	51	46	57	50	45	55	49	45	54	49	45	43
8	67	55	47	42	65	54	47	41	52	46	41	51	45	41	50	44	40	39
9	63	50	43	38	61	50	43	38	49	42	38	47	41	37	46	41	37	35
10	59	47	40	35	58	46	39	35	45	39	34	44	38	34	43	38	34	32

IES Indoor Report
Photometric Filename:253306-6 PVHB-UFO02-200W-44 40K B72+C73-0113020282N.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
γ 0.0	15921.9	15921.9	15921.9	15921.9	15921.9	15921.9	15921.9	15921.9	15921.9	15921.9	15921.9	15921.9
γ 1.0	15998.0	15963.5	15933.4	15899.5	15866.7	15833.3	15970.5	15929.8	15906.6	15895.4	15872.4	15863.5
γ 2.0	16002.1	15969.8	15932.0	15892.1	15850.0	15810.5	15940.4	15897.9	15883.6	15880.1	15862.7	15863.3
γ 3.0	15997.0	15960.9	15919.0	15878.3	15825.0	15772.8	15909.0	15869.6	15852.5	15850.7	15847.3	15861.0
γ 4.0	15980.6	15951.4	15901.1	15852.1	15793.1	15735.2	15878.5	15833.3	15821.1	15824.2	15822.2	15845.9
γ 5.0	15957.4	15931.3	15874.4	15820.1	15750.3	15690.7	15837.0	15791.2	15779.4	15787.8	15791.5	15822.4
γ 6.0	15923.6	15898.9	15840.1	15779.5	15707.6	15645.4	15795.0	15750.7	15737.0	15744.9	15754.1	15788.1
γ 7.0	15884.7	15856.1	15795.2	15731.2	15656.3	15595.1	15751.8	15698.1	15685.0	15701.9	15710.8	15751.2
γ 8.0	15833.1	15814.9	15746.4	15677.0	15602.0	15543.0	15701.7	15647.4	15641.7	15654.0	15667.6	15710.1
γ 9.0	15777.1	15758.1	15689.8	15620.5	15549.0	15481.1	15643.8	15587.1	15586.1	15598.8	15613.4	15656.8
γ 10.0	15716.4	15693.6	15630.7	15558.6	15492.8	15421.6	15586.3	15528.6	15527.4	15538.3	15557.2	15604.5
γ 11.0	15651.0	15632.1	15561.3	15491.5	15425.8	15358.9	15523.6	15466.9	15460.8	15478.5	15499.3	15546.1
γ 12.0	15584.7	15563.5	15493.7	15427.8	15363.7	15289.3	15458.4	15396.3	15393.3	15415.7	15439.4	15481.3
γ 13.0	15513.0	15493.6	15418.4	15355.6	15295.0	15218.1	15393.1	15327.0	15325.4	15349.1	15374.5	15411.9
γ 14.0	15439.0	15415.0	15343.4	15287.0	15223.9	15143.2	15319.6	15248.3	15248.8	15276.5	15302.3	15342.3
γ 15.0	15358.9	15333.8	15263.3	15211.4	15152.7	15061.3	15238.7	15162.8	15164.1	15200.4	15231.5	15271.9
γ 16.0	15274.0	15247.9	15181.9	15129.6	15072.3	14972.4	15151.2	15072.9	15079.1	15119.4	15153.1	15200.5
γ 17.0	15192.7	15165.4	15098.3	15046.6	14984.8	14875.0	15061.8	14979.3	14984.6	15027.4	15073.8	15126.4
γ 18.0	15102.5	15073.6	15007.5	14959.3	14891.0	14772.3	14961.3	14879.7	14886.5	14933.5	14987.1	15048.6
γ 19.0	15009.4	14982.9	14915.5	14865.8	14791.0	14665.6	14860.0	14776.1	14782.7	14835.1	14886.2	14959.3
γ 20.0	14913.3	14892.3	14820.7	14762.7	14684.1	14554.6	14750.7	14657.9	14668.1	14729.0	14787.9	14863.3
γ 21.0	14808.9	14788.6	14714.5	14654.2	14568.8	14436.4	14630.1	14538.1	14549.7	14610.5	14676.1	14760.0
γ 22.0	14698.4	14676.3	14601.5	14531.8	14449.5	14308.6	14510.1	14404.3	14416.7	14489.2	14565.1	14653.5
γ 23.0	14582.9	14558.4	14478.4	14409.4	14324.2	14177.8	14379.4	14263.4	14281.9	14357.3	14437.8	14537.9
γ 24.0	14460.9	14438.2	14358.9	14281.2	14195.0	14042.0	14239.4	14118.3	14132.1	14215.8	14307.0	14415.1
γ 25.0	14332.1	14306.6	14224.4	14147.2	14054.3	13889.2	14094.6	13962.9	13980.5	14071.7	14165.3	14283.0
γ 26.0	14193.2	14169.3	14075.3	14002.5	13905.4	13726.1	13932.5	13791.8	13813.5	13914.6	14019.9	14136.3
γ 27.0	14044.0	14015.6	13925.5	13851.0	13743.4	13544.8	13755.6	13605.2	13638.3	13744.5	13862.5	13985.8
γ 28.0	13885.0	13856.7	13760.5	13683.4	13567.4	13344.8	13563.0	13399.4	13445.5	13558.1	13692.5	13824.2
γ 29.0	13717.4	13690.7	13592.9	13505.5	13369.0	13124.7	13352.5	13174.3	13236.2	13355.3	13502.2	13657.7
γ 30.0	13534.2	13514.2	13409.6	13308.5	13154.9	12889.4	13124.1	12933.3	13003.7	13132.2	13297.8	13477.1
γ 31.0	13335.9	13320.2	13205.4	13092.4	12922.1	12628.1	12866.2	12669.1	12747.8	12889.8	13072.9	13270.9
γ 32.0	13118.9	13098.8	12974.6	12848.5	12662.2	12344.2	12596.0	12381.9	12467.0	12623.0	12826.5	13045.7
γ 33.0	12882.4	12851.8	12719.7	12582.1	12378.4	12039.9	12296.2	12070.1	12162.2	12336.7	12557.2	12796.1
γ 34.0	12615.6	12578.6	12435.0	12287.1	12073.9	11711.9	11979.5	11746.2	11838.4	12027.6	12266.2	12516.7
γ 35.0	12327.2	12277.2	12118.9	11968.7	11749.5	11364.8	11639.3	11401.5	11486.6	11699.8	11953.3	12212.4
γ 36.0	12016.1	11944.4	11778.6	11630.1	11401.3	11004.0	11284.1	11034.5	11111.2	11350.1	11612.9	11876.6
γ 37.0	11678.6	11598.4	11415.7	11265.9	11032.0	10619.1	10903.9	10644.4	10717.5	10971.9	11251.9	11519.3
γ 38.0	11310.5	11216.7	11017.3	10879.1	10646.7	10211.6	10505.0	10234.5	10301.5	10574.1	10864.3	11135.0
γ 39.0	10918.2	10809.4	10598.4	10463.9	10237.6	9786.8	10080.7	9794.3	9861.5	10145.4	10445.6	10720.5
γ 40.0	10479.7	10369.3	10142.8	10016.1	9800.6	9339.3	9637.6	9332.3	9396.6	9684.1	9998.2	10282.3
γ 41.0	10008.0	9892.0	9654.0	9543.4	9347.2	8880.9	9180.7	8857.7	8908.2	9207.7	9526.7	9803.3
γ 42.0	9510.1	9385.5	9129.4	9054.8	8881.7	8417.9	8715.6	8395.3	8419.1	8726.6	9030.3	9295.0
γ 43.0	8989.2	8858.0	8586.5	8558.1	8412.3	7952.9	8262.1	7929.2	7935.7	8244.1	8528.7	8756.7
γ 44.0	8457.9	8320.7	8043.6	8052.6	7927.9	7491.0	7802.7	7468.7	7451.3	7767.8	8019.6	8227.4
γ 45.0	7922.7	7785.0	7488.0	7544.4	7443.0	7031.9	7351.1	7014.0	6980.3	7287.2	7509.2	7694.8
γ 46.0	7384.8	7245.8	6942.8	7027.2	6957.7	6585.0	6914.6	6578.0	6529.1	6830.9	7011.4	7177.4

IES Indoor Report
Photometric Filename:253306-6 PVHB-UFO02-200W-44 40K B72+C73-0113020282N.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	6853.2	6722.2	6413.9	6538.7	6488.7	6158.2	6492.0	6166.0	6099.7	6393.8	6531.7	6675.5
γ 48.0	6351.2	6225.8	5917.5	6073.8	6037.3	5750.5	6082.0	5769.6	5697.6	5979.8	6073.1	6199.9
γ 49.0	5868.7	5757.4	5448.2	5632.7	5602.0	5362.7	5693.4	5390.2	5319.9	5582.5	5638.5	5759.4
γ 50.0	5412.8	5311.3	5016.0	5218.0	5189.9	4992.4	5314.3	5029.0	4964.4	5205.8	5231.7	5339.9
γ 51.0	4995.7	4895.1	4626.3	4834.6	4799.8	4647.5	4956.1	4687.2	4629.3	4846.9	4854.6	4955.8
γ 52.0	4604.9	4513.2	4270.4	4470.0	4433.1	4322.1	4617.6	4367.1	4315.0	4510.0	4504.1	4600.8
γ 53.0	4250.2	4157.0	3946.8	4130.7	4100.6	4018.6	4297.5	4065.0	4014.0	4187.7	4182.6	4268.1
γ 54.0	3915.8	3834.2	3648.6	3808.7	3793.9	3734.8	3986.1	3781.7	3729.6	3878.7	3879.2	3957.4
γ 55.0	3606.5	3542.3	3375.3	3504.1	3510.3	3466.0	3693.0	3509.2	3458.3	3584.5	3597.4	3666.6
γ 56.0	3318.0	3269.0	3120.0	3213.3	3248.2	3209.3	3412.8	3256.0	3200.5	3300.3	3339.2	3387.5
γ 57.0	3051.3	3013.1	2885.5	2941.2	3006.5	2964.3	3148.0	3012.8	2957.0	3031.6	3088.2	3128.3
γ 58.0	2803.9	2773.6	2661.8	2689.0	2777.8	2738.4	2903.0	2789.2	2731.9	2785.7	2857.4	2889.9
γ 59.0	2572.2	2544.2	2452.4	2458.9	2563.5	2527.9	2675.4	2580.6	2520.2	2561.6	2643.4	2668.9
γ 60.0	2355.8	2337.5	2258.8	2247.8	2364.2	2332.7	2458.8	2390.0	2328.5	2355.4	2437.8	2464.6
γ 61.0	2155.2	2145.7	2078.3	2058.3	2178.6	2154.5	2259.9	2215.0	2151.9	2169.0	2252.0	2278.3
γ 62.0	1974.3	1970.4	1912.1	1890.0	2006.8	1988.4	2076.7	2056.2	1987.0	2003.3	2080.9	2105.5
γ 63.0	1807.2	1813.4	1760.3	1737.2	1847.3	1834.7	1910.4	1910.1	1835.8	1852.2	1920.6	1946.7
γ 64.0	1654.8	1666.0	1620.3	1596.3	1700.7	1691.3	1762.3	1775.9	1699.1	1712.5	1770.8	1803.8
γ 65.0	1515.7	1531.8	1492.8	1470.0	1564.4	1557.8	1625.0	1649.8	1570.4	1585.2	1635.8	1668.0
γ 66.0	1388.7	1408.0	1374.6	1351.8	1442.8	1435.0	1498.1	1529.4	1453.7	1466.6	1513.5	1543.5
γ 67.0	1273.0	1292.8	1265.2	1245.1	1330.3	1319.7	1383.4	1413.3	1343.7	1356.3	1397.9	1424.9
γ 68.0	1164.5	1185.4	1159.5	1141.6	1223.1	1212.6	1275.3	1304.7	1242.2	1252.2	1288.1	1314.1
γ 69.0	1064.8	1081.8	1063.7	1047.5	1122.0	1111.8	1173.4	1200.3	1145.2	1153.9	1185.2	1208.5
γ 70.0	969.7	985.1	972.7	955.4	1026.2	1015.1	1077.9	1101.6	1055.0	1062.5	1088.8	1110.9
γ 71.0	882.2	891.4	887.0	869.9	936.2	923.8	986.2	1009.2	966.8	975.8	994.9	1017.7
γ 72.0	799.7	804.7	805.7	789.1	849.3	836.8	902.7	919.8	883.5	893.4	906.4	928.6
γ 73.0	721.2	723.9	728.5	713.1	767.5	754.7	820.9	834.2	803.2	813.5	821.0	843.6
γ 74.0	647.3	647.0	654.8	639.8	689.1	675.2	743.0	751.6	725.6	736.1	740.7	762.9
γ 75.0	577.9	574.9	585.9	572.3	617.6	600.9	667.3	671.6	652.4	661.4	663.9	685.1
γ 76.0	514.5	508.1	521.9	508.0	548.9	531.2	596.4	596.3	583.7	592.8	595.8	612.6
γ 77.0	458.8	451.3	466.7	453.7	489.6	471.0	531.6	532.8	522.1	532.3	535.0	549.1
γ 78.0	410.7	403.0	419.3	407.3	438.7	420.5	475.3	479.6	470.3	481.1	480.9	494.3
γ 79.0	368.1	362.8	378.3	367.4	394.0	375.0	427.7	433.3	426.4	436.8	434.3	446.8
γ 80.0	328.8	326.9	342.7	332.3	354.9	335.8	384.1	392.7	388.4	396.9	393.4	403.8
γ 81.0	293.6	293.4	311.4	301.3	319.2	300.5	345.0	357.2	354.8	362.2	355.5	364.6
γ 82.0	260.3	260.1	279.1	271.7	286.6	267.4	308.5	322.5	322.2	329.8	320.7	327.3
γ 83.0	228.5	225.2	245.7	240.5	254.9	233.8	274.0	285.8	287.5	294.9	285.4	290.4
γ 84.0	198.8	191.4	213.1	209.2	222.7	202.4	239.6	249.4	253.0	261.8	250.3	253.0
γ 85.0	170.0	159.5	181.7	179.4	191.9	172.0	207.1	214.6	218.5	227.8	216.8	216.9
γ 86.0	144.7	130.9	151.1	150.9	162.0	143.1	177.1	180.8	185.5	194.9	185.3	182.6
γ 87.0	119.4	104.6	124.5	123.8	134.3	114.2	150.6	148.2	153.8	163.4	154.6	151.1
γ 88.0	93.2	83.3	99.3	98.3	108.1	90.0	126.8	119.9	124.5	133.2	126.1	123.5
γ 89.0	75.7	70.2	78.7	77.0	84.9	74.4	102.6	101.6	100.7	107.2	99.8	104.6
γ 90.0	71.6	66.9	71.0	67.4	72.4	67.7	88.5	92.2	87.4	92.9	88.9	94.7
γ 91.0	70.9	67.2	71.1	67.9	72.5	68.7	86.4	89.7	84.9	90.5	86.3	92.2
γ 92.0	71.5	68.1	71.6	68.1	72.5	68.9	84.8	87.7	83.4	88.0	85.0	89.1
γ 93.0	72.2	69.0	71.8	69.5	72.9	69.6	83.0	85.6	81.6	85.7	83.4	87.4

IES Indoor Report
Photometric Filename:253306-6 PVHB-UFO02-200W-44 40K B72+C73-0113020282N.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	73.5	70.1	72.5	70.3	73.2	71.2	81.4	83.4	80.1	84.7	81.6	85.8
γ 95.0	73.8	71.1	73.8	71.1	75.0	71.8	80.9	82.3	78.7	83.1	80.3	84.7
γ 96.0	75.0	72.2	74.0	72.4	75.3	72.9	80.0	81.3	77.4	80.9	79.1	83.0
γ 97.0	75.7	72.9	75.0	73.3	76.1	74.0	78.5	80.2	77.2	80.3	78.4	82.0
γ 98.0	76.4	73.7	75.6	74.2	76.9	75.2	77.7	79.3	76.0	79.2	77.2	80.2
γ 99.0	77.2	75.1	76.5	75.2	78.0	76.1	77.2	77.9	76.2	78.7	76.7	79.5
γ 100.0	78.1	75.7	77.7	76.5	78.8	76.9	76.7	77.9	75.2	78.2	76.0	78.9
γ 101.0	79.5	77.2	78.9	78.0	79.8	78.6	76.7	77.2	75.1	77.1	75.7	78.2
γ 102.0	80.5	78.5	79.7	79.0	80.9	79.4	76.6	76.6	74.7	76.6	75.3	77.0
γ 103.0	82.2	79.5	80.9	80.1	81.9	80.9	75.9	76.4	74.6	76.2	74.7	76.9
γ 104.0	83.1	80.8	82.3	81.5	83.3	82.6	75.5	76.5	74.3	76.2	74.7	76.6
γ 105.0	84.3	82.1	83.5	83.0	84.5	84.0	75.7	76.1	74.5	76.4	75.1	76.6
γ 106.0	85.4	83.8	84.9	84.3	85.9	85.3	76.1	76.1	74.3	76.2	74.3	76.3
γ 107.0	87.5	85.3	86.5	85.9	87.2	86.3	76.2	76.0	74.7	75.8	74.7	75.9
γ 108.0	88.8	86.2	87.2	87.0	88.0	87.9	76.6	75.6	74.6	75.8	75.0	75.9
γ 109.0	89.8	88.1	88.7	88.4	89.7	89.3	76.2	76.3	75.5	76.8	75.3	76.4
γ 110.0	91.3	89.6	89.9	89.3	91.5	90.2	76.9	76.8	75.6	76.4	75.0	76.3
γ 111.0	91.9	90.5	91.1	91.0	92.7	92.2	77.3	77.1	76.3	76.9	75.8	76.6
γ 112.0	93.4	91.8	92.5	92.2	94.2	94.0	77.5	77.2	76.5	76.9	76.3	76.7
γ 113.0	94.5	94.0	94.1	94.1	95.4	94.6	77.6	77.5	77.0	77.9	76.6	77.8
γ 114.0	96.2	95.0	95.1	95.1	96.6	96.5	78.8	78.1	77.5	78.0	76.7	77.6
γ 115.0	97.3	96.3	96.8	96.6	98.1	97.9	79.2	79.0	78.0	78.4	77.3	78.2
γ 116.0	98.5	97.3	98.1	98.2	99.1	99.4	79.9	79.4	78.7	79.5	78.5	78.5
γ 117.0	100.0	99.1	99.4	99.2	100.2	100.3	80.6	80.3	79.2	79.6	79.3	79.2
γ 118.0	101.0	100.3	100.8	101.3	102.1	101.7	81.6	80.5	80.3	80.5	79.4	80.0
γ 119.0	103.1	101.8	102.2	102.1	103.2	104.1	82.1	81.5	81.4	80.4	80.0	80.5
γ 120.0	104.4	103.9	102.6	103.4	104.7	105.1	82.8	82.6	81.7	81.7	81.1	81.7
γ 121.0	105.9	105.6	104.5	105.3	105.9	106.7	83.8	83.6	82.6	82.6	82.1	82.1
γ 122.0	107.3	106.2	106.2	106.2	107.6	108.8	85.0	83.9	83.2	83.5	83.5	83.1
γ 123.0	108.9	108.1	107.2	108.4	109.3	109.6	85.6	85.5	84.5	84.4	83.6	83.3
γ 124.0	109.8	109.9	109.1	109.5	109.9	111.0	86.5	86.5	85.1	84.9	84.4	84.7
γ 125.0	111.5	111.0	110.9	110.8	111.5	112.5	88.0	87.2	86.6	85.9	85.5	86.0
γ 126.0	113.3	112.2	111.8	112.5	112.6	114.4	88.9	87.9	87.6	87.2	87.1	86.2
γ 127.0	114.3	113.7	113.0	113.7	114.1	115.6	90.1	89.6	88.7	87.8	87.5	87.5
γ 128.0	115.3	115.3	114.4	115.3	116.1	117.0	90.9	90.8	90.0	89.4	88.8	88.3
γ 129.0	117.1	116.7	115.9	116.7	116.8	118.3	93.3	91.4	91.0	90.3	90.0	89.4
γ 130.0	119.1	117.7	117.8	118.6	118.3	120.0	93.5	92.3	92.0	90.8	90.9	90.8
γ 131.0	120.2	119.5	119.2	119.9	120.0	121.2	94.4	93.5	93.1	92.0	92.0	92.1
γ 132.0	122.0	120.6	120.1	121.3	121.2	123.0	96.2	94.9	94.3	93.4	93.4	93.2
γ 133.0	123.0	122.2	121.7	122.9	122.6	124.3	97.5	96.1	95.7	94.4	94.6	93.8
γ 134.0	124.8	124.1	123.2	124.1	124.4	125.6	98.6	97.4	96.5	95.6	95.8	95.3
γ 135.0	126.0	125.7	124.7	125.7	125.7	126.9	99.9	98.7	98.2	97.2	96.7	96.4
γ 136.0	127.5	126.8	126.1	127.0	126.7	128.5	101.6	100.2	99.4	98.5	98.4	98.2
γ 137.0	128.9	127.9	127.5	128.2	128.0	129.7	103.0	101.2	100.6	99.7	99.4	99.0
γ 138.0	130.2	129.6	128.7	129.7	130.0	131.4	104.1	102.4	102.4	100.8	101.0	100.0
γ 139.0	131.9	131.1	129.2	130.8	130.9	132.2	105.5	103.8	103.4	102.1	102.6	100.9
γ 140.0	132.8	132.0	131.2	132.4	132.2	133.5	107.0	105.4	104.6	103.3	103.7	102.2

IES Indoor Report
Photometric Filename:253306-6 PVHB-UFO02-200W-44 40K B72+C73-0113020282N.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 141.0	134.2	133.5	132.4	133.2	133.7	135.1	108.2	106.7	106.6	104.2	104.8	103.8
γ 142.0	135.4	134.6	133.7	134.6	135.1	136.2	109.8	108.0	107.6	105.8	106.1	105.2
γ 143.0	136.8	135.3	135.0	135.9	136.1	137.7	110.8	109.6	108.8	107.2	107.0	106.3
γ 144.0	137.8	136.7	136.3	137.0	137.6	138.4	112.5	111.4	109.8	107.9	108.3	108.1
γ 145.0	139.2	138.5	137.3	137.9	138.0	139.5	113.6	112.8	111.1	109.7	109.8	109.4
γ 146.0	140.3	139.7	138.5	138.9	139.0	140.3	115.3	114.5	112.8	111.2	111.1	110.9
γ 147.0	141.6	141.2	140.0	140.3	140.2	141.6	117.2	115.8	114.5	112.3	112.4	112.3
γ 148.0	142.8	142.0	140.7	141.3	142.0	142.9	118.4	117.2	116.3	113.6	114.9	113.6
γ 149.0	143.9	143.2	142.3	142.1	142.9	144.2	119.5	118.4	117.7	115.6	115.7	115.2
γ 150.0	145.0	144.3	143.2	143.1	142.9	144.5	121.4	120.3	119.0	116.9	117.1	116.6
γ 151.0	146.3	145.4	144.4	144.1	144.6	146.2	123.1	121.5	120.9	118.3	118.7	117.8
γ 152.0	147.4	146.6	145.8	145.4	145.8	147.6	124.7	123.7	122.4	120.0	120.7	119.4
γ 153.0	148.2	148.1	146.1	146.2	146.6	148.3	126.7	125.0	124.4	121.9	122.1	120.9
γ 154.0	149.8	149.1	147.1	147.2	147.9	149.2	128.1	127.1	126.0	123.9	123.8	122.3
γ 155.0	151.0	149.7	148.1	148.0	148.9	150.3	129.7	128.5	128.0	125.4	125.7	124.1
γ 156.0	152.4	151.0	149.3	149.2	149.5	150.7	131.5	130.4	129.6	127.2	127.6	125.7
γ 157.0	153.4	152.1	150.6	150.4	150.6	152.0	133.7	132.1	131.3	128.8	129.6	127.7
γ 158.0	154.1	153.5	151.2	151.3	152.1	153.2	135.1	134.2	133.1	130.7	131.5	129.5
γ 159.0	155.2	154.5	152.7	151.7	152.6	154.0	136.7	135.5	135.4	132.6	132.5	131.6
γ 160.0	155.9	154.8	153.1	152.8	154.1	154.7	138.5	137.5	136.6	134.7	134.6	133.0
γ 161.0	156.9	155.7	154.2	153.9	154.9	156.0	140.7	138.8	138.7	136.3	136.4	134.4
γ 162.0	157.6	156.2	155.4	154.9	156.0	156.6	142.5	140.6	140.7	138.1	138.4	136.7
γ 163.0	158.4	157.5	155.6	155.7	156.3	157.1	143.8	142.3	142.3	139.7	139.8	138.5
γ 164.0	159.4	157.8	156.7	157.0	157.2	157.8	146.3	144.2	144.2	142.0	141.7	140.0
γ 165.0	159.7	159.0	156.8	157.6	157.7	158.2	147.7	145.7	145.8	143.5	143.5	141.0
γ 166.0	160.0	159.9	157.9	158.2	158.4	158.8	149.2	147.3	147.5	145.6	145.4	143.5
γ 167.0	160.5	160.1	158.3	158.5	158.6	159.6	150.7	148.9	149.3	147.2	146.4	145.3
γ 168.0	161.5	161.0	158.8	159.7	158.9	160.5	152.0	150.3	150.5	148.6	148.3	146.4
γ 169.0	161.1	161.3	159.4	160.1	159.8	160.2	153.5	151.7	152.2	150.4	149.7	147.9
γ 170.0	162.0	161.5	159.9	160.4	160.1	160.1	155.2	153.1	153.9	151.7	151.2	149.9
γ 171.0	162.5	162.0	160.2	161.2	160.9	160.7	155.9	154.2	155.3	153.0	153.2	151.4
γ 172.0	162.6	162.6	160.9	161.2	160.9	161.0	157.9	155.6	156.2	154.5	154.0	152.4
γ 173.0	163.1	162.6	161.5	162.6	160.7	161.2	158.9	157.3	157.8	155.6	155.4	154.2
γ 174.0	163.2	163.1	161.6	161.9	161.3	161.0	160.2	158.3	158.4	156.8	156.3	154.8
γ 175.0	163.8	163.0	161.3	162.4	161.7	161.2	160.7	159.0	159.6	157.7	157.7	156.5
γ 176.0	164.1	163.2	161.4	162.2	161.5	161.8	162.1	160.3	160.1	158.7	159.0	157.0
γ 177.0	163.5	163.2	161.5	162.1	161.4	160.9	163.1	161.1	161.3	159.6	159.7	157.8
γ 178.0	163.5	163.5	161.6	162.0	161.1	161.3	163.8	161.7	161.7	160.2	160.6	158.7
γ 179.0	163.6	163.2	162.3	161.9	161.1	161.5	164.2	162.2	162.3	161.0	161.3	159.5
γ 180.0	162.4	162.4	162.4	162.4	162.4	162.4	162.4	162.4	162.4	162.4	162.4	162.4