IES Indoor Report
Photometric Filename:253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N.IES

Indoor Luminaire Photometric Data

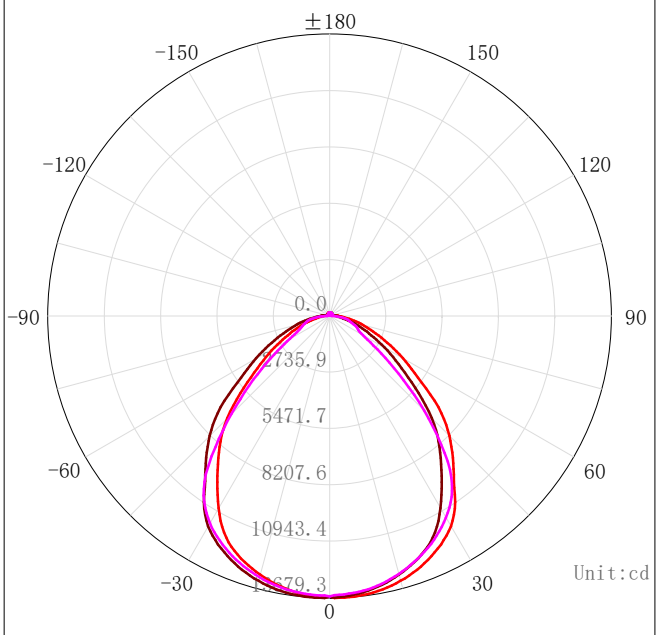
Description Information

Luminary Name: 253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N		Lum. Catelog:	Test ID:
Lamp Name:		Lamp Catelog:	Test Date: 2026/01/20
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

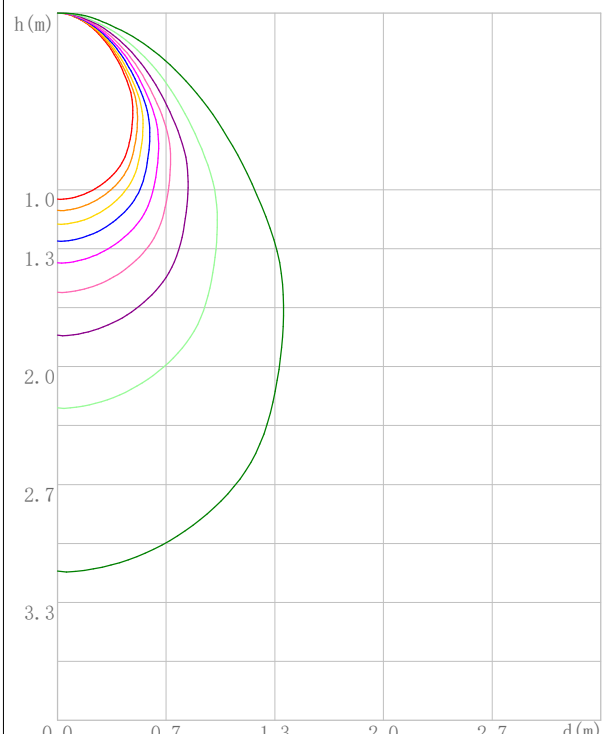
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm):	30419.730	Luminary Flux(lm): 30419.728	Field Angle(10%Imax): 149.7(°)
Rated Power(W):		Luminary Efficiency: 100.00%	Down Lumens&Percent: 29728.363lm 97.73%
Rated Voltage(V):		Luminary EER(lm/W): 154.887	Up Lumens&Percent: 691.365lm 2.27%
Tested Power(W):	196.400	Max.Candela(cd): 13679.269	S/MH: C0_a180=1.223 C90_270=1.246
Lamps' Inside:	1	Max Cand@Ang.(°): C=180.0 γ=2.0	CIE Type: Semi-Direct
Tested Electrics(V,A,pf):230.0,0.870,0.981		Beam Angle(50%Imax): 95.7(°)	ErP Φuse(120°): 26044.154lm
Lamp Size(W*L*H):0mm*0mm*0mm		Left=-50.2° ,Right=45.5°	IRF(%): 127.833

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
C180.0_360.0:	95.7	149.7
C0.0_180.0 :	95.7	149.7
C90.0_270.0 :	89.1	139.1
Average:	93.5	146.2

C0 Space ISO Illuminance Curve



[Unit:lx] [EMax]=13653.271—[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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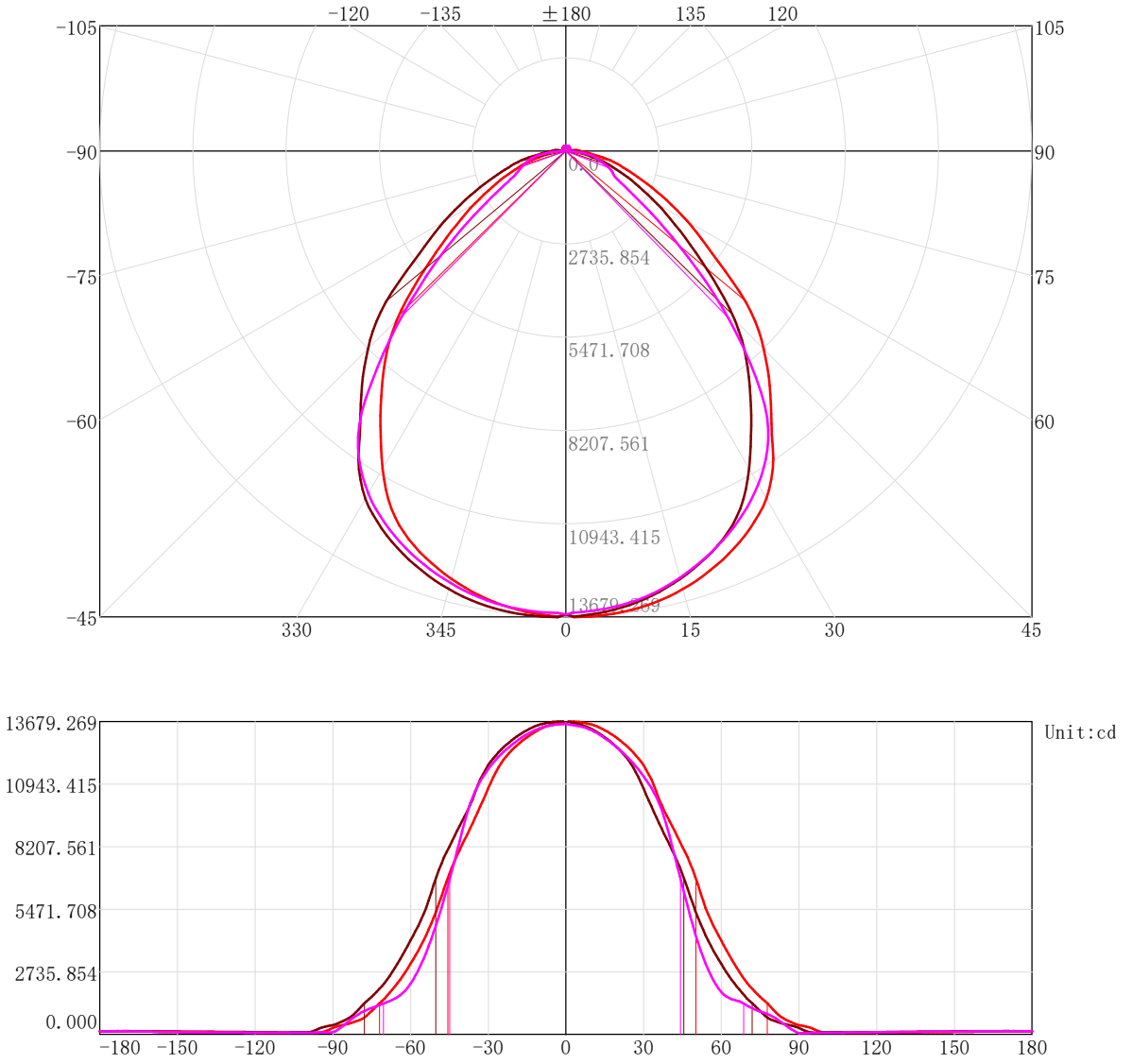
2D Plane Light Intensity Distribution Curve

Lum.Name: 253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/20

C Plane Distribution Diagram



C Plane	[50%MaxAng.]	[10%MaxAng.]
C180.0_360.0:	95.7	149.7
C0.0_180.0 :	95.7	149.7
C90.0_270.0 :	89.1	139.1
Average:	93.5	146.2

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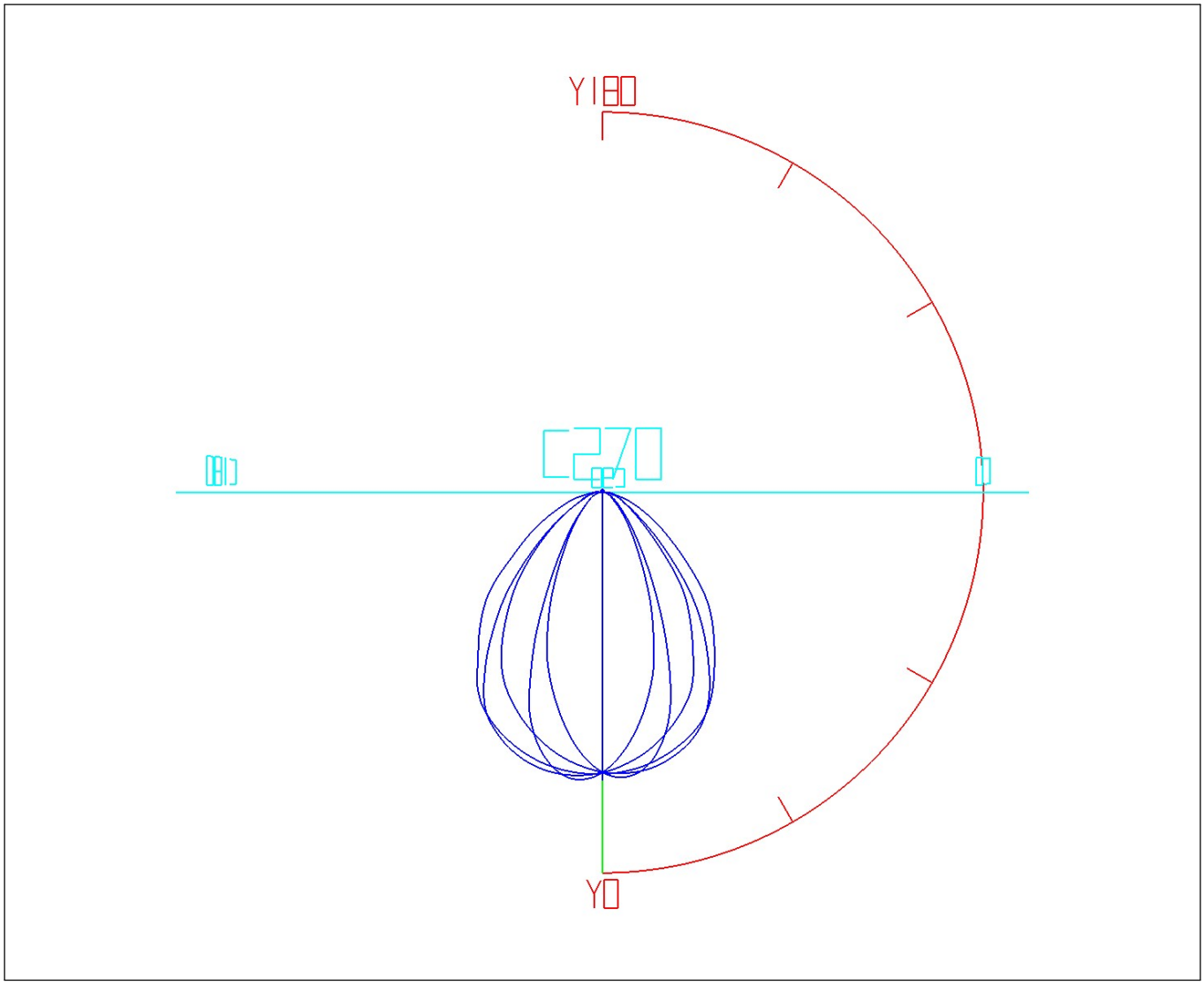
3D Light Intensity Distribution Modal

Lum.Name: 253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/20

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:253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N.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	13.01	13.01	0.04	0.04	47.0-48.0	505.72	21421.53	1.66	70.42
1.0-2.0	39.00	52.01	0.13	0.17	48.0-49.0	485.59	21907.12	1.60	72.02
2.0-3.0	64.94	116.96	0.21	0.38	49.0-50.0	464.99	22372.10	1.53	73.54
3.0-4.0	90.80	207.76	0.30	0.68	50.0-51.0	444.32	22816.42	1.46	75.01
4.0-5.0	116.54	324.29	0.38	1.07	51.0-52.0	423.87	23240.29	1.39	76.40
5.0-6.0	142.13	466.42	0.47	1.53	52.0-53.0	403.70	23643.99	1.33	77.73
6.0-7.0	167.55	633.98	0.55	2.08	53.0-54.0	383.92	24027.91	1.26	78.99
7.0-8.0	192.76	826.73	0.63	2.72	54.0-55.0	364.79	24392.70	1.20	80.19
8.0-9.0	217.72	1044.45	0.72	3.43	55.0-56.0	346.42	24739.12	1.14	81.33
9.0-10.0	242.38	1286.83	0.80	4.23	56.0-57.0	328.90	25068.02	1.08	82.41
10.0-11.0	266.73	1553.56	0.88	5.11	57.0-58.0	312.23	25380.25	1.03	83.43
11.0-12.0	290.71	1844.27	0.96	6.06	58.0-59.0	296.18	25676.42	0.97	84.41
12.0-13.0	314.31	2158.58	1.03	7.10	59.0-60.0	280.56	25956.98	0.92	85.33
13.0-14.0	337.44	2496.02	1.11	8.21	60.0-61.0	265.37	26222.35	0.87	86.20
14.0-15.0	360.09	2856.11	1.18	9.39	61.0-62.0	250.71	26473.06	0.82	87.03
15.0-16.0	382.25	3238.36	1.26	10.65	62.0-63.0	236.76	26709.82	0.78	87.80
16.0-17.0	403.89	3642.25	1.33	11.97	63.0-64.0	223.60	26933.42	0.74	88.54
17.0-18.0	425.02	4067.27	1.40	13.37	64.0-65.0	211.12	27144.54	0.69	89.23
18.0-19.0	445.57	4512.84	1.46	14.84	65.0-66.0	199.28	27343.82	0.66	89.89
19.0-20.0	465.47	4978.31	1.53	16.37	66.0-67.0	187.96	27531.78	0.62	90.51
20.0-21.0	484.71	5463.02	1.59	17.96	67.0-68.0	177.09	27708.87	0.58	91.09
21.0-22.0	503.24	5966.26	1.65	19.61	68.0-69.0	166.81	27875.69	0.55	91.64
22.0-23.0	521.03	6487.28	1.71	21.33	69.0-70.0	157.29	28032.97	0.52	92.15
23.0-24.0	538.04	7025.32	1.77	23.09	70.0-71.0	148.53	28181.51	0.49	92.64
24.0-25.0	554.18	7579.51	1.82	24.92	71.0-72.0	140.55	28322.05	0.46	93.10
25.0-26.0	569.35	8148.86	1.87	26.79	72.0-73.0	133.20	28455.25	0.44	93.54
26.0-27.0	583.45	8732.30	1.92	28.71	73.0-74.0	126.28	28581.53	0.42	93.96
27.0-28.0	596.38	9328.68	1.96	30.67	74.0-75.0	119.70	28701.22	0.39	94.35
28.0-29.0	608.04	9936.72	2.00	32.67	75.0-76.0	113.36	28814.58	0.37	94.72
29.0-30.0	618.29	10555.02	2.03	34.70	76.0-77.0	107.02	28921.60	0.35	95.08
30.0-31.0	626.93	11181.95	2.06	36.76	77.0-78.0	100.41	29022.01	0.33	95.41
31.0-32.0	633.75	11815.70	2.08	38.84	78.0-79.0	93.45	29115.46	0.31	95.71
32.0-33.0	638.76	12454.46	2.10	40.94	79.0-80.0	86.30	29201.76	0.28	96.00
33.0-34.0	641.90	13096.36	2.11	43.05	80.0-81.0	79.17	29280.94	0.26	96.26
34.0-35.0	643.02	13739.38	2.11	45.17	81.0-82.0	72.22	29353.16	0.24	96.49
35.0-36.0	642.13	14381.51	2.11	47.28	82.0-83.0	65.56	29418.72	0.22	96.71
36.0-37.0	639.48	15020.99	2.10	49.38	83.0-84.0	59.49	29478.20	0.20	96.90
37.0-38.0	635.16	15656.15	2.09	51.47	84.0-85.0	54.07	29532.27	0.18	97.08
38.0-39.0	629.18	16285.34	2.07	53.54	85.0-86.0	48.91	29581.18	0.16	97.24
39.0-40.0	621.61	16906.95	2.04	55.58	86.0-87.0	43.91	29625.09	0.14	97.39
40.0-41.0	612.50	17519.45	2.01	57.59	87.0-88.0	39.12	29664.21	0.13	97.52
41.0-42.0	601.92	18121.37	1.98	59.57	88.0-89.0	34.35	29698.56	0.11	97.63
42.0-43.0	589.78	18711.14	1.94	61.51	89.0-90.0	29.80	29728.36	0.10	97.73
43.0-44.0	575.87	19287.01	1.89	63.40	90.0-91.0	25.83	29754.20	0.08	97.81
44.0-45.0	560.32	19847.33	1.84	65.24	91.0-92.0	22.28	29776.47	0.07	97.89
45.0-46.0	543.38	20390.72	1.79	67.03	92.0-93.0	19.05	29795.52	0.06	97.95
46.0-47.0	525.09	20915.81	1.73	68.76	93.0-94.0	16.27	29811.79	0.05	98.00

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Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	14.02	29825.81	0.05	98.05
95.0-96.0	12.37	29838.18	0.04	98.09
96.0-97.0	11.06	29849.24	0.04	98.12
97.0-98.0	10.02	29859.26	0.03	98.16
98.0-99.0	9.39	29868.66	0.03	98.19
99.0-100.0	9.12	29877.78	0.03	98.22
100.0-101.0	9.04	29886.82	0.03	98.25
101.0-102.0	9.01	29895.84	0.03	98.28
102.0-103.0	8.99	29904.83	0.03	98.31
103.0-104.0	8.98	29913.80	0.03	98.34
104.0-105.0	8.97	29922.77	0.03	98.37
105.0-106.0	8.95	29931.72	0.03	98.40
106.0-107.0	8.95	29940.67	0.03	98.43
107.0-108.0	8.95	29949.62	0.03	98.45
108.0-109.0	8.94	29958.56	0.03	98.48
109.0-110.0	8.94	29967.51	0.03	98.51
110.0-111.0	8.94	29976.45	0.03	98.54
111.0-112.0	8.94	29985.39	0.03	98.57
112.0-113.0	8.94	29994.32	0.03	98.60
113.0-114.0	8.94	30003.26	0.03	98.63
114.0-115.0	8.94	30012.20	0.03	98.66
115.0-116.0	8.94	30021.14	0.03	98.69
116.0-117.0	8.94	30030.09	0.03	98.72
117.0-118.0	8.94	30039.02	0.03	98.75
118.0-119.0	8.94	30047.96	0.03	98.78
119.0-120.0	8.94	30056.91	0.03	98.81
120.0-121.0	8.93	30065.84	0.03	98.84
121.0-122.0	8.92	30074.76	0.03	98.87
122.0-123.0	8.91	30083.67	0.03	98.90
123.0-124.0	8.90	30092.58	0.03	98.92
124.0-125.0	8.88	30101.46	0.03	98.95
125.0-126.0	8.86	30110.32	0.03	98.98
126.0-127.0	8.84	30119.17	0.03	99.01
127.0-128.0	8.81	30127.98	0.03	99.04
128.0-129.0	8.78	30136.76	0.03	99.07
129.0-130.0	8.75	30145.52	0.03	99.10
130.0-131.0	8.72	30154.23	0.03	99.13
131.0-132.0	8.67	30162.90	0.03	99.16
132.0-133.0	8.61	30171.52	0.03	99.18
133.0-134.0	8.56	30180.08	0.03	99.21
134.0-135.0	8.50	30188.58	0.03	99.24
135.0-136.0	8.43	30197.01	0.03	99.27
136.0-137.0	8.36	30205.37	0.03	99.30
137.0-138.0	8.28	30213.65	0.03	99.32
138.0-139.0	8.19	30221.84	0.03	99.35
139.0-140.0	8.10	30229.94	0.03	99.38
140.0-141.0	8.01	30237.95	0.03	99.40
141.0-142.0	7.91	30245.86	0.03	99.43
142.0-143.0	7.80	30253.66	0.03	99.45
143.0-144.0	7.70	30261.36	0.03	99.48
144.0-145.0	7.59	30268.96	0.02	99.50
145.0-146.0	7.48	30276.44	0.02	99.53
146.0-147.0	7.35	30283.79	0.02	99.55
147.0-148.0	7.23	30291.02	0.02	99.58
148.0-149.0	7.10	30298.11	0.02	99.60
149.0-150.0	6.96	30305.07	0.02	99.62
150.0-151.0	6.81	30311.88	0.02	99.65
151.0-152.0	6.65	30318.53	0.02	99.67
152.0-153.0	6.50	30325.03	0.02	99.69
153.0-154.0	6.33	30331.36	0.02	99.71
154.0-155.0	6.17	30337.53	0.02	99.73
155.0-156.0	5.99	30343.52	0.02	99.75
156.0-157.0	5.82	30349.34	0.02	99.77
157.0-158.0	5.63	30354.97	0.02	99.79
158.0-159.0	5.44	30360.41	0.02	99.80
159.0-160.0	5.24	30365.65	0.02	99.82
160.0-161.0	5.03	30370.68	0.02	99.84
161.0-162.0	4.81	30375.49	0.02	99.85
162.0-163.0	4.59	30380.09	0.02	99.87
163.0-164.0	4.37	30384.45	0.01	99.88
164.0-165.0	4.14	30388.59	0.01	99.90
165.0-166.0	3.90	30392.49	0.01	99.91
166.0-167.0	3.67	30396.16	0.01	99.92
167.0-168.0	3.42	30399.58	0.01	99.93
168.0-169.0	3.17	30402.75	0.01	99.94
169.0-170.0	2.91	30405.65	0.01	99.95
170.0-171.0	2.64	30408.30	0.01	99.96
171.0-172.0	2.38	30410.68	0.01	99.97
172.0-173.0	2.11	30412.78	0.01	99.98
173.0-174.0	1.83	30414.62	0.01	99.98
174.0-175.0	1.56	30416.17	0.01	99.99
175.0-176.0	1.28	30417.45	0.00	99.99
176.0-177.0	0.99	30418.45	0.00	100.00
177.0-178.0	0.71	30419.16	0.00	100.00
178.0-179.0	0.43	30419.58	0.00	100.00
179.0-180.0	0.14	30419.73	0.00	100.00

Conical surface Flux(90deg):19847.334

%lm = 65.24

%lamp = 65.24

Conical surface Flux(120deg):25956.984

%lm = 85.33

%lamp = 85.33

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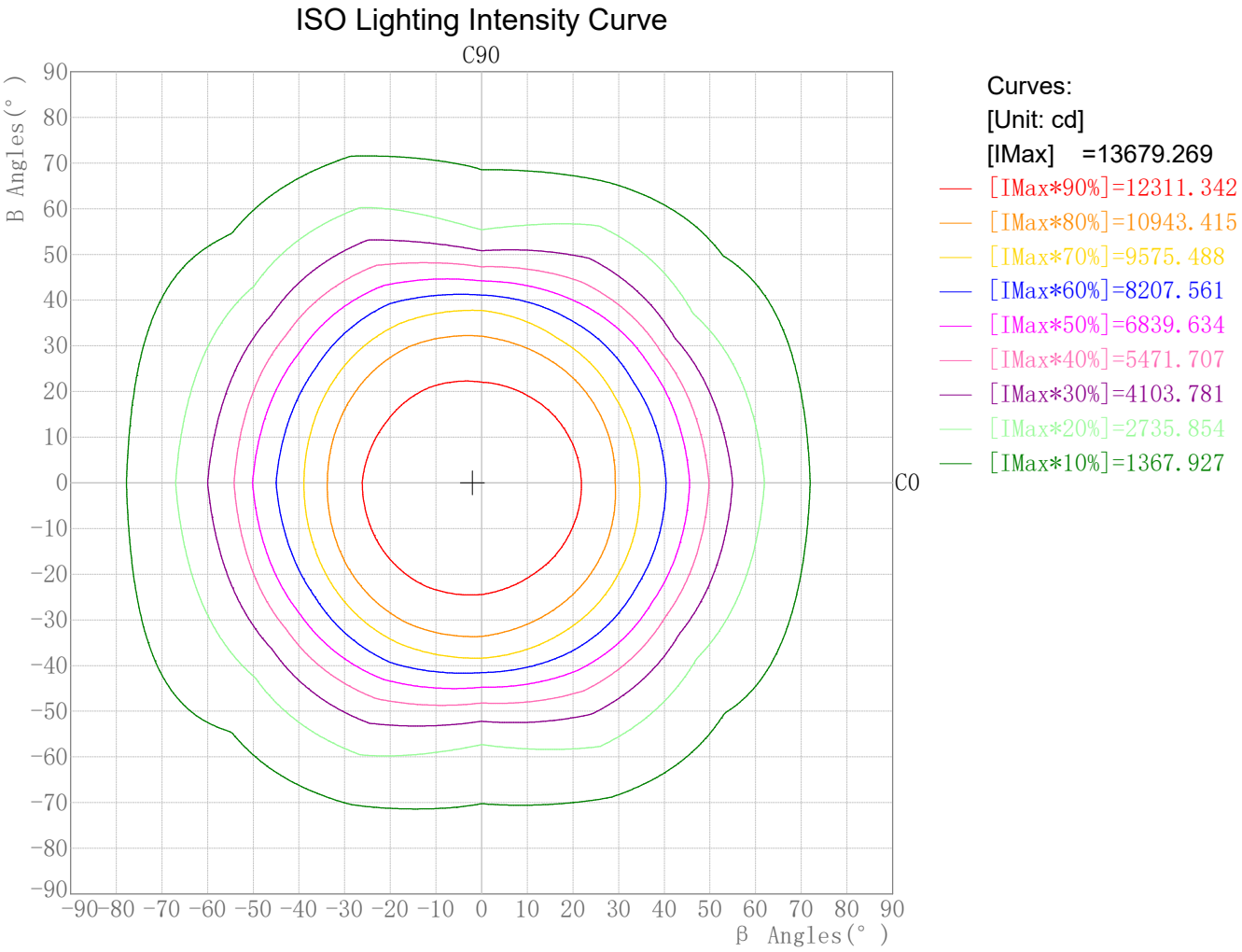
Rectangle ISO Lighting Intensity Diagram

Lum.Name: 253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/20



Maximum Light Intensity(cd): 13679.27
Maximum Cand.@Angle: H=-2.0°,V=0.0°

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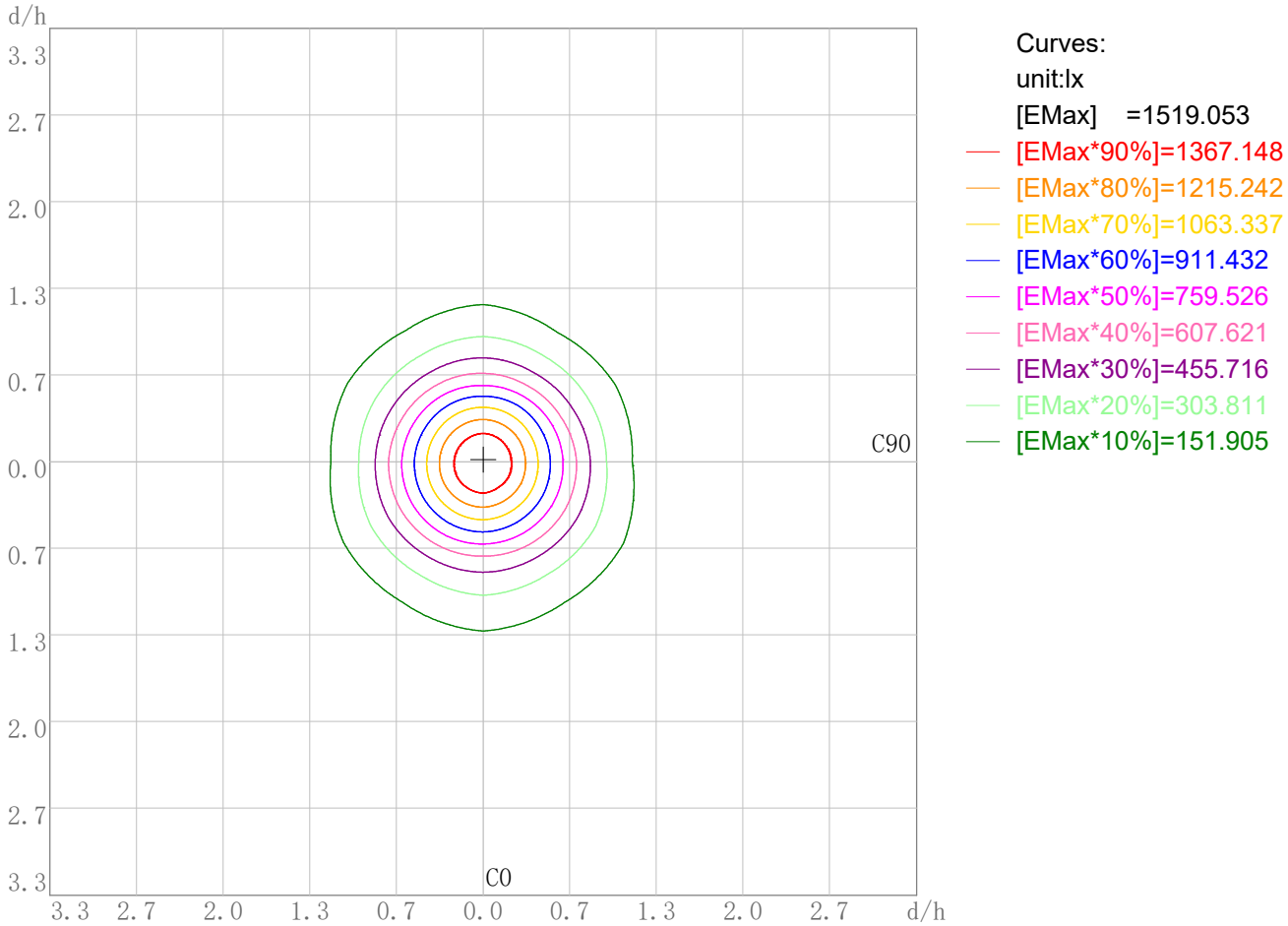
Plane ISO-Illuminance Diagram

Lum.Name: 253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/20

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 1519.05
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

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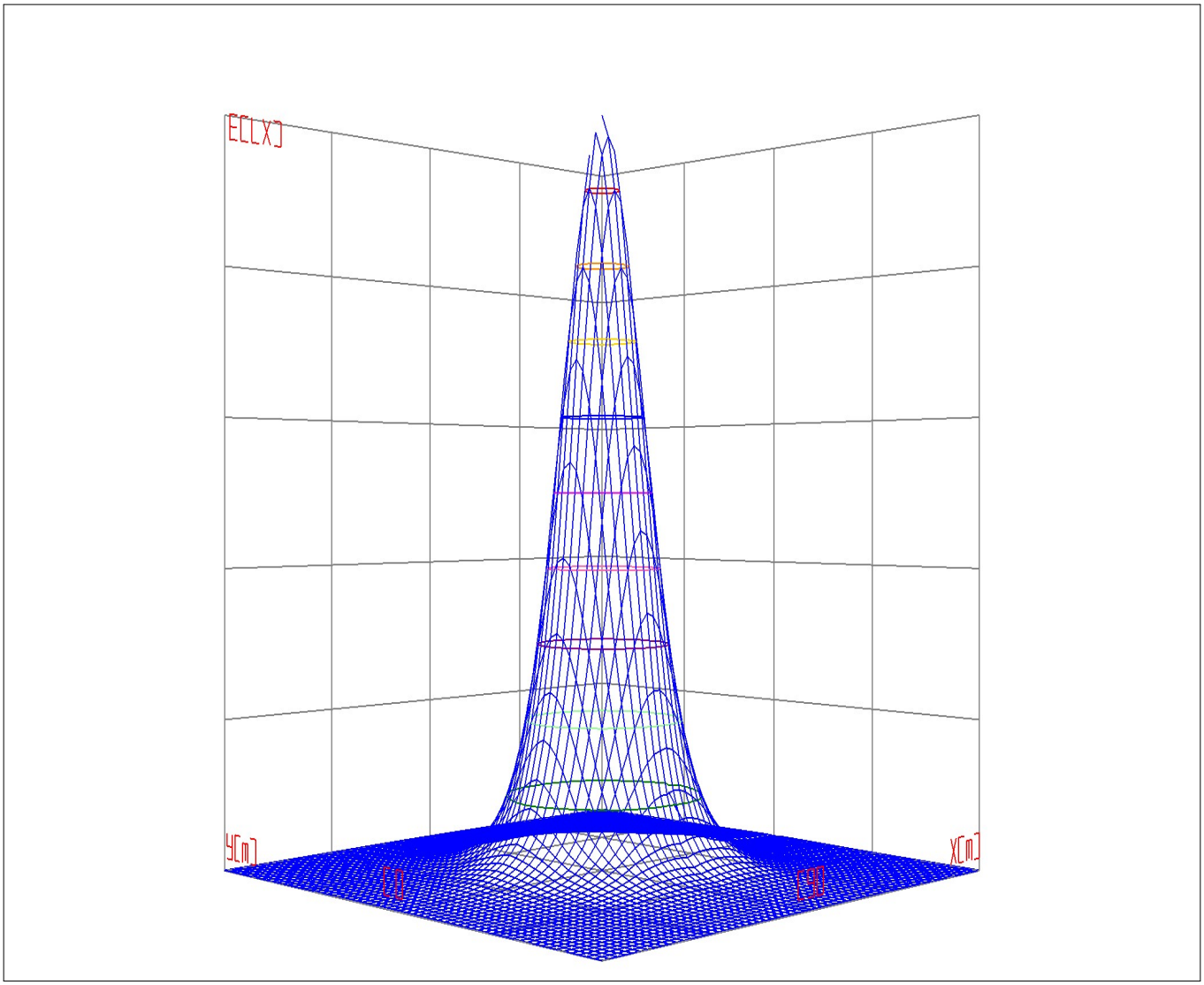
3D Plane ISO Illuminance Diagram

Lum.Name: 253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/20

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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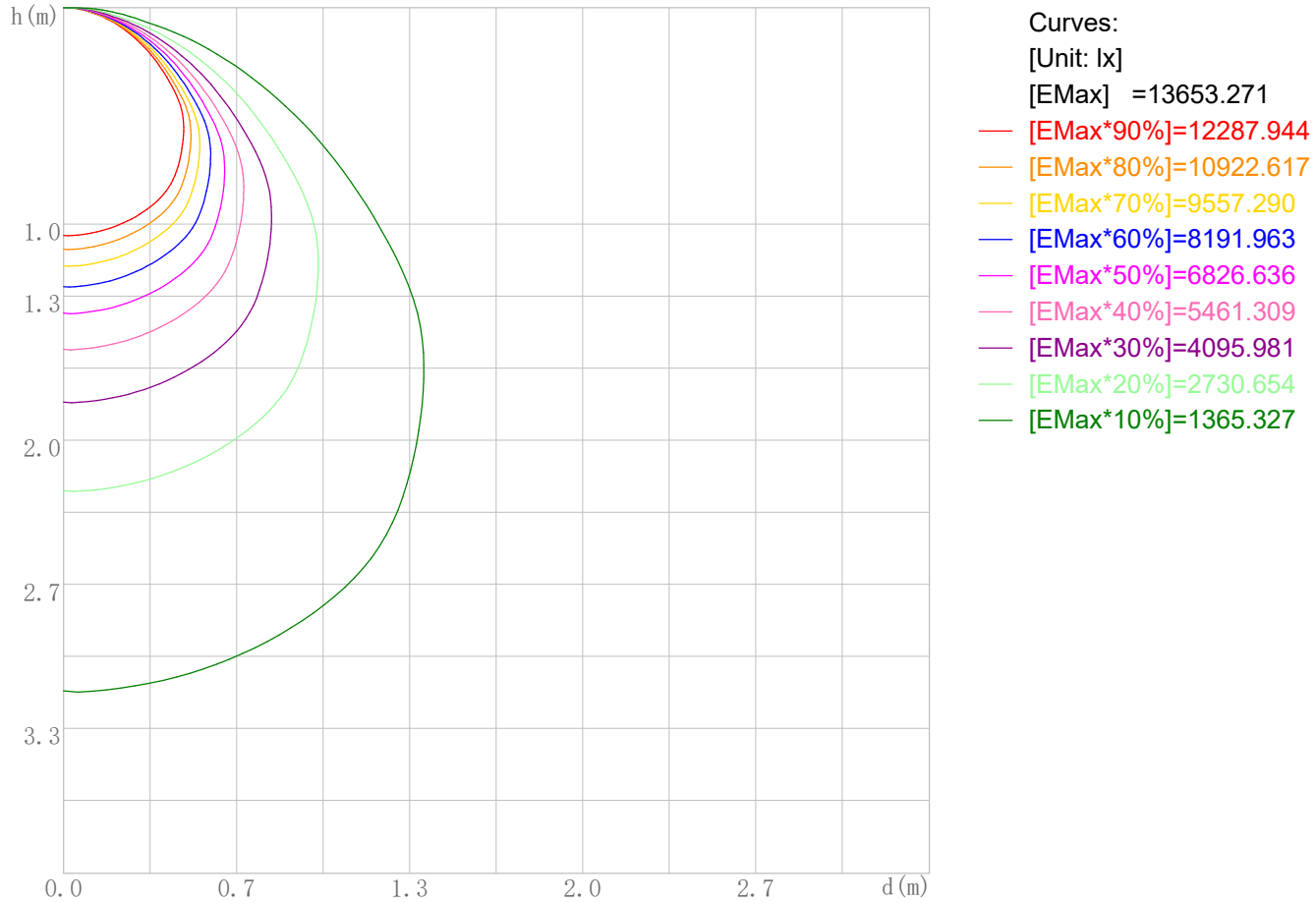
Space ISO Illuminance Diagram

Lum.Name: 253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/20

Space ISO Illuminance Curve



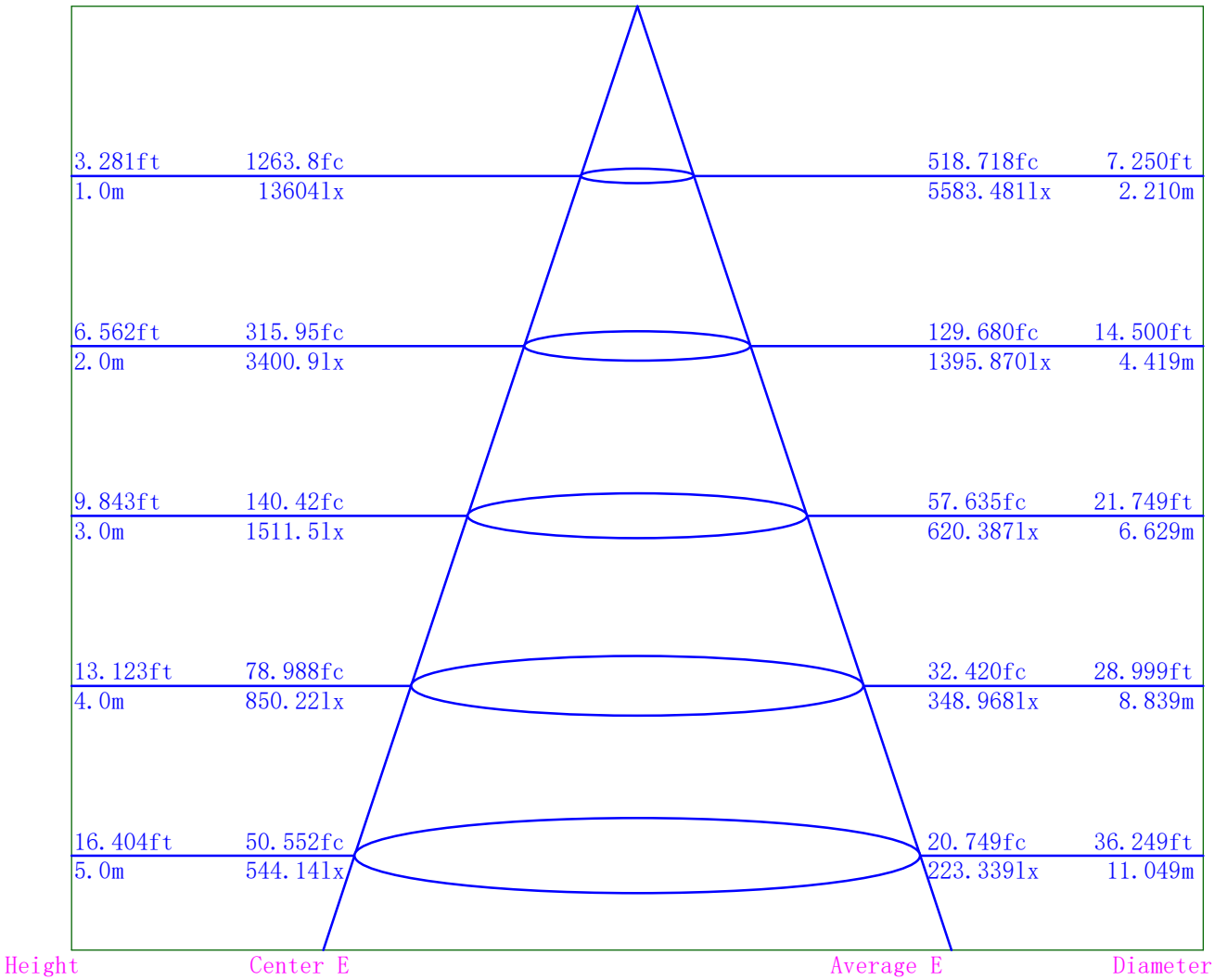
Space Plane Maximum Illuminance and @Angle:13653.27lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:13659.512cd,0eg

IES Indoor Report
Photometric Filename:253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N.IES

Illuminance-Distance Diagram

Lum.Name: 253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/20

Illuminance-Distance Curve



Beam Angle:95.7

IES Indoor Report
Photometric Filename:253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N.IES

Indoor Luminance Limiting Curves

Lum.Name: 253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/20

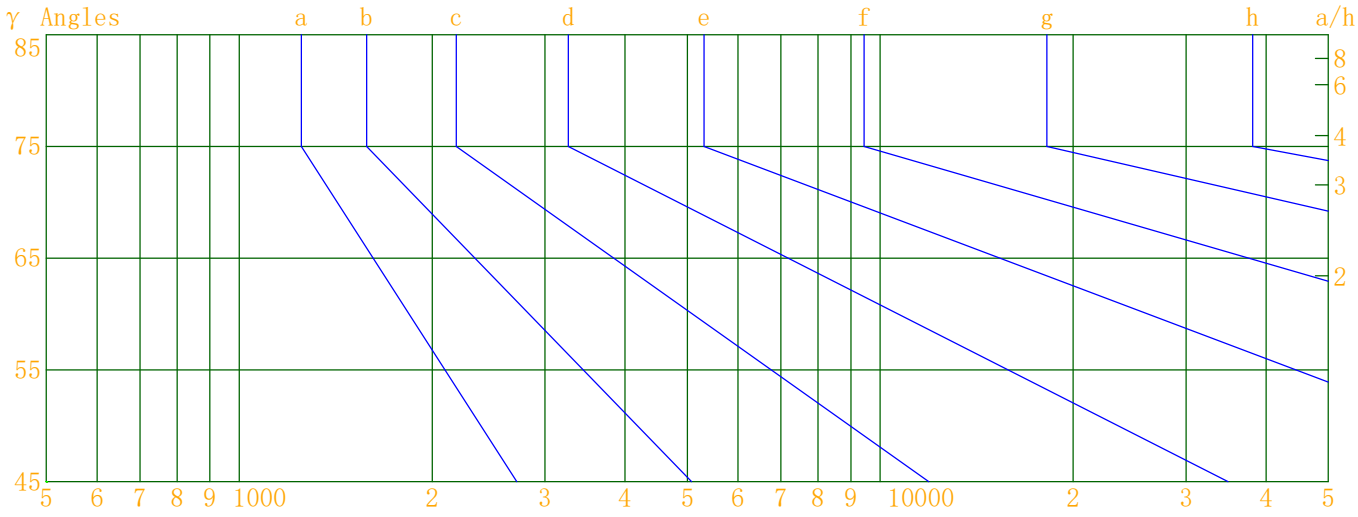
Glare Grade Table

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
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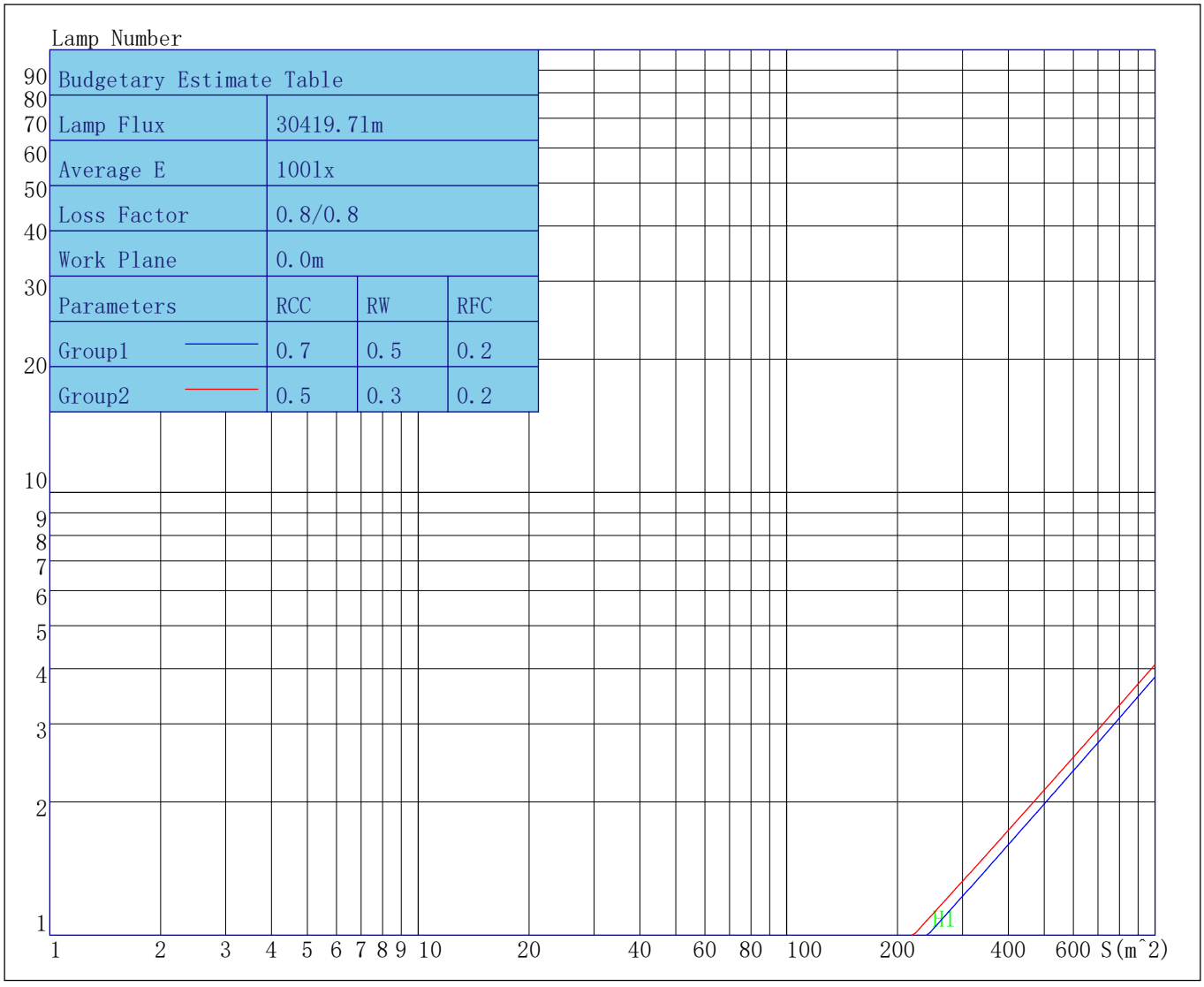
Indoor Budgetary Estimate Table

Lum.Name: 253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/20



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
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Indoor Coefficient of Utilization Table

Lum.Name: 253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N	Lum.Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2026/01/20

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	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	110	105	102	98	107	103	99	96	98	95	93	94	92	90	90	88	87	85
2	101	94	88	83	98	92	86	81	88	83	79	84	80	77	81	78	75	73
3	93	84	76	71	91	82	75	70	79	73	68	76	71	67	73	69	66	63
4	86	75	67	61	84	74	66	61	71	65	60	69	63	59	66	62	58	56
5	80	68	60	54	77	67	59	53	64	58	53	62	56	52	60	55	51	49
6	74	62	54	48	72	61	53	47	59	52	47	57	51	46	55	50	46	44
7	69	56	48	43	67	56	48	42	54	47	42	52	46	42	51	45	41	39
8	64	52	44	38	63	51	43	38	50	43	38	48	42	38	47	41	37	35
9	60	48	40	35	59	47	40	35	46	39	34	45	39	34	43	38	34	32
10	57	44	37	32	55	44	36	32	43	36	31	41	35	31	40	35	31	29

IES Indoor Report
Photometric Filename:253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N.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	13603.6	13603.6	13603.6	13603.6	13603.6	13603.6	13603.6	13603.6	13603.6	13603.6	13603.6	13603.6
γ 1.0	13659.5	13584.0	13575.6	13549.0	13576.4	13570.6	13677.7	13601.5	13592.7	13558.0	13574.2	13561.4
γ 2.0	13642.9	13568.3	13559.6	13539.1	13571.2	13566.1	13679.3	13603.6	13594.7	13558.3	13565.6	13549.9
γ 3.0	13622.2	13546.9	13538.3	13521.5	13560.5	13557.3	13676.6	13601.1	13594.1	13553.7	13550.9	13533.6
γ 4.0	13597.5	13520.4	13513.0	13499.9	13548.0	13543.5	13671.1	13592.7	13583.9	13542.7	13532.4	13511.3
γ 5.0	13567.4	13487.1	13483.2	13480.8	13525.7	13528.4	13661.5	13581.9	13570.0	13527.1	13512.3	13486.7
γ 6.0	13534.2	13453.1	13448.0	13455.6	13504.7	13513.8	13646.1	13568.3	13557.1	13508.1	13486.2	13456.2
γ 7.0	13494.4	13417.4	13411.1	13422.0	13480.8	13492.6	13629.6	13552.7	13534.3	13484.6	13454.6	13422.6
γ 8.0	13451.0	13376.9	13368.6	13385.1	13452.0	13468.0	13606.2	13531.3	13509.2	13458.5	13414.9	13385.1
γ 9.0	13400.0	13333.6	13322.3	13342.0	13420.4	13437.4	13578.5	13504.3	13479.4	13423.4	13373.6	13343.1
γ 10.0	13346.2	13283.0	13270.9	13294.2	13380.9	13398.9	13544.8	13470.7	13449.9	13385.0	13325.9	13296.5
γ 11.0	13286.1	13227.4	13213.0	13236.0	13339.0	13358.3	13507.2	13433.9	13414.8	13340.5	13277.0	13245.6
γ 12.0	13219.0	13166.9	13153.3	13173.0	13289.4	13314.3	13467.5	13393.9	13372.7	13293.3	13222.2	13187.8
γ 13.0	13146.8	13101.0	13087.3	13106.8	13231.0	13265.8	13419.2	13353.3	13322.3	13239.5	13165.5	13123.3
γ 14.0	13070.1	13028.7	13015.8	13033.8	13167.0	13209.2	13361.8	13303.8	13267.4	13181.0	13100.4	13052.5
γ 15.0	12991.1	12946.8	12940.4	12958.0	13097.2	13145.7	13299.7	13246.8	13209.0	13117.9	13034.7	12975.2
γ 16.0	12907.0	12859.1	12859.0	12876.0	13022.8	13076.7	13238.0	13187.1	13145.4	13052.4	12961.8	12895.9
γ 17.0	12817.2	12765.1	12771.3	12792.3	12945.4	13010.7	13170.0	13123.0	13077.6	12980.7	12883.9	12811.8
γ 18.0	12724.4	12675.0	12679.8	12703.1	12865.1	12938.0	13097.9	13058.0	13007.1	12906.2	12801.0	12727.0
γ 19.0	12625.9	12577.0	12581.1	12611.7	12781.7	12857.7	13016.7	12983.9	12931.5	12826.7	12712.3	12637.3
γ 20.0	12525.5	12475.2	12474.8	12518.4	12691.5	12770.5	12933.9	12900.2	12852.0	12739.6	12617.9	12538.1
γ 21.0	12412.6	12367.3	12365.6	12421.6	12593.1	12682.8	12845.5	12813.3	12765.7	12651.9	12516.9	12435.5
γ 22.0	12291.7	12254.6	12247.7	12314.0	12492.6	12589.7	12754.8	12723.7	12673.6	12557.8	12409.2	12330.0
γ 23.0	12160.4	12135.6	12121.9	12206.6	12386.4	12489.6	12656.1	12629.3	12578.5	12462.4	12294.5	12213.8
γ 24.0	12019.1	12011.7	11994.1	12096.3	12278.8	12384.9	12551.2	12531.0	12482.0	12360.2	12173.7	12088.3
γ 25.0	11856.7	11875.8	11859.1	11978.4	12167.4	12270.1	12444.2	12425.8	12377.4	12250.0	12046.6	11951.2
γ 26.0	11675.9	11728.7	11716.7	11854.0	12047.6	12157.3	12328.8	12312.0	12267.3	12134.4	11911.6	11801.1
γ 27.0	11470.7	11559.7	11566.4	11722.7	11925.0	12038.6	12199.0	12192.1	12149.0	12012.3	11767.9	11637.9
γ 28.0	11248.8	11356.6	11408.1	11584.4	11796.0	11908.5	12072.0	12069.7	12019.8	11884.8	11619.3	11457.8
γ 29.0	11007.9	11123.8	11236.1	11440.8	11658.7	11770.6	11936.5	11940.6	11880.9	11748.1	11456.8	11260.9
γ 30.0	10752.9	10860.0	11048.0	11291.2	11512.6	11628.5	11776.4	11803.2	11740.1	11599.5	11283.4	11042.4
γ 31.0	10492.3	10565.5	10831.5	11131.2	11358.7	11469.0	11583.9	11650.8	11585.8	11435.6	11093.2	10805.0
γ 32.0	10231.5	10248.8	10582.8	10962.8	11198.0	11285.7	11372.3	11463.0	11419.6	11260.3	10883.1	10546.8
γ 33.0	9978.8	9942.2	10292.8	10780.8	11025.8	11082.3	11149.0	11240.0	11239.5	11073.8	10650.0	10273.1
γ 34.0	9726.9	9651.8	9979.9	10578.4	10833.5	10863.7	10888.6	10997.3	11035.8	10863.4	10391.9	9990.9
γ 35.0	9479.4	9370.9	9670.2	10360.1	10616.8	10614.6	10586.2	10726.2	10791.7	10633.6	10111.4	9697.9
γ 36.0	9239.3	9088.2	9376.2	10110.1	10364.4	10345.2	10288.0	10429.4	10508.1	10371.4	9820.2	9407.6
γ 37.0	8998.6	8805.2	9092.4	9821.8	10081.0	10069.5	10026.4	10130.1	10196.0	10080.4	9517.5	9118.7
γ 38.0	8762.7	8527.8	8804.2	9483.5	9781.0	9783.0	9784.2	9840.1	9881.2	9729.9	9208.4	8824.7
γ 39.0	8531.7	8252.8	8511.1	9104.4	9486.0	9477.8	9557.8	9545.6	9577.8	9319.6	8894.8	8530.9
γ 40.0	8300.5	7976.8	8214.0	8687.6	9190.8	9166.1	9335.8	9233.0	9279.7	8885.1	8583.6	8236.0
γ 41.0	8064.5	7695.0	7894.3	8253.5	8903.4	8861.9	9114.6	8907.3	8973.5	8444.0	8265.4	7939.7
γ 42.0	7825.7	7404.6	7552.7	7808.3	8616.6	8560.3	8896.7	8583.1	8664.5	8007.6	7934.3	7634.7
γ 43.0	7572.6	7097.9	7185.8	7364.2	8313.6	8261.5	8668.2	8272.2	8339.6	7577.1	7597.0	7318.9
γ 44.0	7302.9	6761.8	6819.2	6923.7	7990.9	7949.5	8432.7	7962.2	7979.8	7150.4	7256.9	6994.3
γ 45.0	7011.9	6390.7	6468.0	6484.6	7645.7	7646.1	8209.5	7659.1	7610.6	6731.5	6923.1	6652.7
γ 46.0	6698.5	5982.9	6134.8	6042.4	7288.5	7350.0	7979.9	7358.6	7246.3	6317.4	6598.3	6302.3

IES Indoor Report
Photometric Filename:253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N.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	6371.2	5557.9	5814.0	5603.0	6937.9	7038.1	7739.8	7046.4	6886.8	5916.7	6277.2	5939.7
γ 48.0	6043.5	5156.1	5502.8	5176.1	6607.8	6710.7	7473.7	6712.8	6535.3	5537.0	5963.9	5570.8
γ 49.0	5722.4	4772.4	5200.6	4767.7	6283.0	6373.5	7194.1	6361.9	6198.5	5172.8	5655.9	5203.8
γ 50.0	5411.1	4420.4	4912.2	4385.1	5964.7	6033.0	6891.5	5999.6	5873.2	4826.2	5354.9	4851.5
γ 51.0	5119.2	4103.7	4637.2	4028.6	5661.7	5699.5	6556.4	5647.6	5569.2	4488.8	5062.4	4523.8
γ 52.0	4843.9	3812.3	4387.8	3698.5	5370.6	5368.9	6199.8	5311.0	5277.7	4164.7	4780.4	4221.7
γ 53.0	4583.6	3542.7	4144.0	3389.5	5095.5	5040.6	5852.2	4982.5	4997.3	3856.6	4509.7	3933.6
γ 54.0	4334.8	3288.1	3912.7	3104.0	4832.6	4723.1	5530.2	4669.4	4726.7	3564.0	4252.5	3659.8
γ 55.0	4092.2	3052.8	3693.2	2833.7	4585.1	4428.3	5244.8	4370.9	4469.3	3290.5	4009.6	3397.8
γ 56.0	3868.3	2839.3	3486.7	2582.2	4345.0	4149.9	4985.4	4087.4	4222.3	3035.3	3779.0	3147.4
γ 57.0	3663.8	2647.4	3293.6	2361.7	4118.1	3881.0	4749.6	3820.6	3986.3	2798.2	3560.6	2911.8
γ 58.0	3468.5	2474.1	3105.2	2169.3	3893.0	3625.1	4531.0	3566.3	3763.0	2585.4	3355.8	2692.0
γ 59.0	3278.1	2319.3	2915.9	2006.9	3672.9	3377.0	4317.1	3320.7	3545.4	2391.6	3160.2	2489.2
γ 60.0	3088.7	2176.0	2727.8	1864.9	3456.4	3142.1	4105.6	3082.0	3334.6	2216.0	2971.1	2303.9
γ 61.0	2903.1	2039.3	2540.1	1748.4	3248.1	2920.1	3894.1	2850.8	3133.7	2059.5	2786.5	2135.8
γ 62.0	2724.0	1909.0	2356.4	1660.6	3047.6	2712.3	3686.3	2632.7	2935.3	1922.8	2605.7	1983.3
γ 63.0	2553.1	1786.2	2187.3	1596.8	2857.4	2522.3	3481.8	2430.0	2741.2	1808.3	2432.1	1844.7
γ 64.0	2391.6	1671.1	2025.2	1550.1	2671.9	2341.2	3286.3	2247.0	2554.3	1712.4	2269.8	1719.1
γ 65.0	2241.6	1566.0	1871.1	1515.1	2486.9	2167.5	3096.0	2076.3	2375.7	1633.0	2116.0	1607.1
γ 66.0	2105.1	1466.3	1726.9	1484.3	2308.8	1999.9	2914.3	1915.6	2206.7	1570.0	1972.3	1506.1
γ 67.0	1974.4	1368.8	1586.4	1448.2	2142.8	1838.3	2737.0	1765.4	2048.4	1517.6	1839.6	1414.4
γ 68.0	1837.9	1283.6	1454.3	1400.1	1992.9	1684.8	2563.7	1627.5	1903.4	1471.5	1715.9	1333.4
γ 69.0	1702.8	1211.6	1332.1	1340.9	1863.0	1543.7	2401.7	1508.3	1772.8	1425.8	1606.9	1260.1
γ 70.0	1577.2	1152.9	1222.7	1273.2	1745.8	1415.8	2254.2	1406.9	1653.6	1378.6	1507.0	1192.7
γ 71.0	1464.9	1106.7	1126.9	1206.1	1636.0	1307.3	2118.4	1323.8	1545.3	1331.6	1411.1	1126.9
γ 72.0	1361.2	1066.8	1047.5	1145.5	1533.0	1215.5	1989.8	1254.6	1448.4	1284.7	1320.0	1063.5
γ 73.0	1254.1	1023.9	983.5	1093.2	1438.9	1134.6	1872.6	1192.1	1360.7	1240.4	1237.6	1003.4
γ 74.0	1142.0	971.5	932.3	1049.3	1354.1	1061.6	1757.2	1134.6	1280.6	1198.8	1162.0	944.5
γ 75.0	1031.2	908.6	890.6	1010.1	1279.6	995.6	1650.3	1082.9	1209.1	1160.3	1090.6	887.7
γ 76.0	922.1	838.7	848.5	972.6	1212.2	939.1	1551.5	1032.9	1144.3	1121.4	1017.1	828.8
γ 77.0	819.7	768.0	801.4	933.3	1145.2	894.3	1453.0	980.3	1080.4	1076.1	938.3	767.6
γ 78.0	729.7	697.1	747.1	888.5	1070.4	857.9	1343.5	924.3	1010.8	1022.3	855.6	703.4
γ 79.0	666.6	625.1	689.5	838.1	984.7	820.1	1221.8	865.5	931.7	960.3	773.5	644.0
γ 80.0	616.5	568.0	630.5	779.5	890.4	773.7	1098.7	802.1	843.6	889.9	693.6	602.6
γ 81.0	576.6	530.7	577.9	709.8	795.3	720.0	981.5	732.8	756.3	815.1	613.4	570.1
γ 82.0	540.6	503.5	529.1	634.0	704.2	660.9	875.3	659.7	673.5	737.0	541.2	542.6
γ 83.0	505.8	480.6	478.5	556.6	623.2	603.3	786.0	592.3	597.1	655.2	479.8	512.1
γ 84.0	474.7	458.4	437.7	478.8	554.3	554.5	711.4	544.3	533.3	569.7	435.9	479.9
γ 85.0	449.7	433.2	400.4	399.4	495.2	516.3	647.9	511.0	477.7	480.2	398.1	445.4
γ 86.0	426.8	402.4	353.8	319.9	443.3	484.1	590.8	487.6	425.2	388.4	353.6	407.6
γ 87.0	401.6	365.6	303.6	241.9	404.4	454.8	537.1	466.7	397.6	298.8	304.6	367.9
γ 88.0	368.6	324.2	252.1	169.7	372.8	426.5	487.7	447.8	376.4	216.5	255.1	327.4
γ 89.0	329.7	280.5	204.6	102.5	333.8	398.5	445.7	425.6	344.9	141.6	204.1	284.4
γ 90.0	286.1	237.2	159.9	71.8	288.0	368.5	413.9	398.7	305.8	100.3	156.7	239.9
γ 91.0	237.7	194.9	118.5	71.3	242.0	336.3	390.1	366.2	262.3	96.1	116.0	196.3
γ 92.0	187.6	154.4	86.9	71.9	193.8	301.8	368.2	329.6	213.9	94.3	93.2	153.7
γ 93.0	140.8	115.2	78.8	72.3	148.0	265.7	346.7	289.3	167.5	92.5	88.9	118.1

IES Indoor Report
Photometric Filename:253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N.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	103.6	86.6	78.6	72.6	108.3	227.0	320.7	246.0	120.8	90.7	87.2	100.6
γ 95.0	89.9	78.5	79.0	73.6	83.1	185.9	281.5	202.3	91.5	89.5	86.4	94.3
γ 96.0	85.4	78.6	79.5	74.6	78.8	145.0	230.3	159.2	86.4	87.8	85.3	92.9
γ 97.0	85.6	79.6	79.8	75.1	79.3	106.8	178.2	120.0	85.0	86.9	84.3	91.5
γ 98.0	86.1	80.5	80.9	76.0	79.5	85.1	129.3	99.9	84.0	85.6	83.5	90.2
γ 99.0	86.9	81.8	81.2	76.8	79.4	78.4	102.0	92.0	82.8	84.6	82.7	89.6
γ 100.0	87.2	82.7	81.5	77.4	80.4	78.8	91.8	90.0	82.2	83.6	81.9	88.7
γ 101.0	88.3	83.9	82.8	78.4	81.1	79.6	90.0	88.9	81.3	83.2	81.1	88.0
γ 102.0	89.0	84.3	83.7	79.6	82.0	80.2	88.6	87.2	81.1	82.4	80.9	87.6
γ 103.0	89.9	85.1	84.4	80.5	83.1	81.6	87.5	86.6	80.1	82.3	80.5	87.0
γ 104.0	90.6	86.6	85.4	81.6	83.3	83.0	86.9	86.1	79.8	81.4	80.5	86.4
γ 105.0	91.5	87.8	86.6	82.8	84.2	83.9	86.2	85.6	79.0	80.9	80.1	86.4
γ 106.0	92.6	88.9	87.3	83.9	85.0	84.6	86.0	84.9	78.7	80.5	80.3	85.9
γ 107.0	93.4	90.3	88.8	85.1	86.2	85.6	85.4	84.0	78.7	80.6	80.4	85.4
γ 108.0	94.6	91.4	89.7	86.6	87.2	86.9	84.8	83.7	78.7	80.3	80.4	85.2
γ 109.0	95.7	92.6	91.2	87.7	88.1	87.9	84.6	83.5	78.2	79.8	79.9	85.4
γ 110.0	97.2	94.0	92.2	89.1	89.5	89.0	84.5	83.1	78.1	79.8	79.9	85.3
γ 111.0	98.1	95.3	93.3	89.9	90.4	89.9	83.9	83.0	78.3	79.8	80.3	85.3
γ 112.0	99.1	96.0	94.2	91.3	91.9	91.2	84.0	82.9	78.1	80.0	80.6	85.4
γ 113.0	100.3	97.2	95.8	92.6	92.7	92.7	83.7	82.9	78.1	80.3	80.7	85.6
γ 114.0	101.3	98.8	97.2	94.2	93.6	93.7	83.8	82.7	78.5	80.3	81.1	85.4
γ 115.0	102.5	100.0	98.1	95.1	94.8	95.1	83.9	82.5	78.7	80.8	81.9	85.8
γ 116.0	104.1	101.1	99.6	96.5	96.7	96.4	84.0	82.9	78.9	81.1	82.0	86.2
γ 117.0	105.1	102.8	100.3	97.6	97.2	97.6	84.2	82.9	79.4	81.8	82.4	86.5
γ 118.0	105.9	103.6	101.7	99.6	98.3	98.9	84.3	83.2	79.7	82.1	82.8	87.2
γ 119.0	107.2	105.2	102.7	100.6	99.8	100.0	85.1	83.9	80.5	83.0	83.6	87.8
γ 120.0	108.6	105.9	104.3	102.1	100.9	101.1	85.3	84.2	80.8	83.3	84.3	88.4
γ 121.0	109.4	107.5	105.1	103.4	102.0	102.9	86.0	84.7	81.3	83.7	84.9	89.1
γ 122.0	110.3	108.5	106.4	104.4	103.3	103.5	86.4	85.1	81.9	84.5	85.8	89.5
γ 123.0	111.8	109.9	108.1	106.0	104.6	105.2	87.0	86.0	82.8	85.3	86.1	90.6
γ 124.0	113.1	111.0	108.9	107.3	105.7	106.3	87.4	86.3	83.5	85.7	86.8	91.3
γ 125.0	114.1	112.6	110.0	108.3	107.1	107.7	88.3	86.8	84.1	86.4	87.6	92.2
γ 126.0	115.3	113.7	111.2	109.4	108.4	108.8	89.3	87.4	85.1	87.5	88.9	92.8
γ 127.0	116.2	114.4	112.6	111.0	109.2	110.0	89.4	88.2	86.3	88.4	89.9	93.9
γ 128.0	117.3	115.8	113.8	112.1	110.5	111.0	90.1	89.0	86.7	89.0	91.2	95.1
γ 129.0	118.6	117.4	115.6	113.1	111.9	112.4	90.8	90.0	87.6	90.1	92.0	95.5
γ 130.0	119.9	118.1	116.8	114.1	112.9	113.5	92.0	91.3	88.3	91.2	93.1	96.3
γ 131.0	120.8	119.6	118.3	115.8	114.3	114.8	93.1	92.2	89.2	91.9	94.2	97.2
γ 132.0	121.9	121.0	118.9	116.8	114.9	115.6	93.9	92.8	90.4	92.9	95.3	98.0
γ 133.0	122.9	121.8	120.4	117.9	116.4	116.8	94.7	93.6	91.4	93.8	95.8	99.0
γ 134.0	124.0	123.2	121.6	119.6	117.5	117.9	95.5	94.3	92.6	95.1	97.3	100.2
γ 135.0	124.9	124.2	122.4	120.2	118.6	119.0	96.5	95.5	93.8	95.7	98.1	101.2
γ 136.0	125.9	125.2	123.9	121.2	119.7	120.2	97.6	96.6	94.6	96.8	99.3	102.1
γ 137.0	126.8	126.0	124.2	122.1	120.8	121.3	98.2	97.5	95.7	98.1	99.9	103.4
γ 138.0	128.0	127.2	125.6	123.4	121.7	122.4	99.5	98.8	96.8	98.4	101.0	104.6
γ 139.0	128.8	128.3	126.7	124.2	122.3	123.2	100.5	99.7	97.9	99.5	102.0	105.5
γ 140.0	130.0	129.3	127.1	124.6	123.7	124.3	101.7	101.1	98.8	101.0	103.3	107.0

IES Indoor Report
Photometric Filename:253306-7 PVHB-LHB02-200W40K2FT-01-0113010049N.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	130.9	130.4	128.0	126.0	124.5	125.1	102.7	102.1	99.8	102.0	104.4	107.7
γ 142.0	131.9	131.4	129.2	126.8	125.7	126.4	103.8	102.9	101.4	102.9	105.3	109.1
γ 143.0	132.9	132.6	129.8	127.8	126.4	127.1	105.1	104.1	102.5	103.8	106.6	110.6
γ 144.0	133.6	133.7	131.1	128.7	127.3	128.1	106.4	105.3	104.0	105.4	108.5	111.4
γ 145.0	134.9	135.2	131.9	129.7	128.8	129.5	107.6	106.6	105.3	106.5	109.5	113.1
γ 146.0	136.1	136.0	133.1	130.1	129.6	130.5	108.6	107.7	106.7	107.5	110.6	114.4
γ 147.0	137.1	136.8	133.8	130.9	130.9	131.7	109.9	109.5	108.2	108.5	112.0	115.8
γ 148.0	138.3	137.4	134.7	132.3	131.8	132.9	111.3	110.8	109.2	109.9	113.3	117.3
γ 149.0	139.2	138.7	135.6	133.0	132.8	134.0	112.2	112.3	110.3	111.8	114.8	118.1
γ 150.0	140.0	139.7	136.5	134.6	133.7	135.0	114.1	114.0	111.5	112.6	116.2	119.3
γ 151.0	141.4	140.6	137.6	134.8	134.1	135.8	115.7	115.2	112.7	113.6	117.3	120.4
γ 152.0	142.3	141.1	138.3	135.5	135.2	136.9	117.6	116.5	113.8	115.2	118.5	121.9
γ 153.0	143.0	142.2	139.0	136.5	136.2	137.9	118.7	118.0	115.2	116.3	119.9	123.2
γ 154.0	143.8	142.8	140.4	137.9	137.4	138.7	120.2	119.3	116.7	117.3	121.4	124.5
γ 155.0	144.9	143.6	141.2	138.6	138.2	139.9	121.5	120.5	118.3	119.1	123.0	125.9
γ 156.0	146.0	144.4	142.0	139.2	139.7	141.0	122.9	121.7	119.7	120.4	124.5	126.9
γ 157.0	146.6	145.5	142.7	140.5	140.4	142.3	124.5	123.3	121.5	122.0	125.8	128.6
γ 158.0	147.3	146.3	143.7	141.3	141.4	143.3	126.3	124.8	122.5	123.4	126.7	129.9
γ 159.0	148.1	146.9	144.4	142.0	142.7	144.2	127.7	126.4	124.0	124.7	128.0	131.4
γ 160.0	148.8	147.6	145.0	143.2	143.1	145.1	129.1	127.6	125.6	126.6	129.3	132.7
γ 161.0	149.4	148.0	145.9	144.2	143.6	145.3	130.3	129.2	126.4	127.7	131.1	133.7
γ 162.0	149.4	148.3	146.4	144.6	144.4	146.1	131.8	130.3	128.4	129.4	132.3	134.8
γ 163.0	149.6	148.8	146.8	145.2	145.0	146.6	133.2	131.7	129.7	130.7	133.0	136.1
γ 164.0	150.3	149.1	147.2	145.5	145.2	147.2	134.3	133.1	131.3	132.6	134.6	137.7
γ 165.0	150.8	149.5	148.2	146.1	146.4	147.6	135.8	134.5	132.8	133.6	135.8	138.7
γ 166.0	151.3	150.1	148.3	146.6	147.6	149.1	136.7	136.2	134.1	135.3	137.2	140.3
γ 167.0	151.7	151.0	148.4	147.2	148.1	149.6	138.1	137.5	136.1	136.3	138.0	142.1
γ 168.0	151.8	151.9	149.0	148.1	148.8	150.1	139.8	138.5	136.9	137.3	139.0	142.4
γ 169.0	152.0	151.8	149.3	148.4	149.3	150.7	141.0	139.5	138.6	138.6	140.2	143.5
γ 170.0	152.4	151.8	149.3	149.1	149.3	150.7	142.2	141.1	139.6	139.7	141.0	143.9
γ 171.0	152.2	151.4	149.4	149.0	149.8	151.1	143.5	141.9	140.8	140.9	142.6	144.4
γ 172.0	151.7	150.9	149.6	149.2	149.9	151.2	144.8	142.5	142.3	142.6	143.6	145.0
γ 173.0	152.0	151.1	149.7	149.7	150.7	151.2	145.1	143.8	143.2	143.1	144.6	145.9
γ 174.0	151.9	150.7	149.6	149.4	150.2	151.7	146.7	144.4	144.1	144.0	145.3	147.0
γ 175.0	151.6	150.6	149.3	148.8	150.2	151.6	147.4	145.6	144.8	144.9	146.2	147.7
γ 176.0	151.0	150.7	149.9	149.6	150.6	150.9	147.9	146.0	145.6	145.3	146.5	147.8
γ 177.0	151.0	149.9	149.8	148.8	150.6	150.9	148.7	146.3	146.2	146.3	147.9	148.5
γ 178.0	150.6	149.5	149.2	148.6	150.0	150.4	149.1	147.0	147.1	146.6	148.1	149.0
γ 179.0	151.2	149.0	148.7	148.3	150.0	149.9	150.0	147.9	147.9	147.0	148.0	149.4
γ 180.0	149.2	149.2	149.2	149.2	149.2	149.2	149.2	149.2	149.2	149.2	149.2	149.2