

IES Indoor Report

Photometric Filename: 242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N.IES

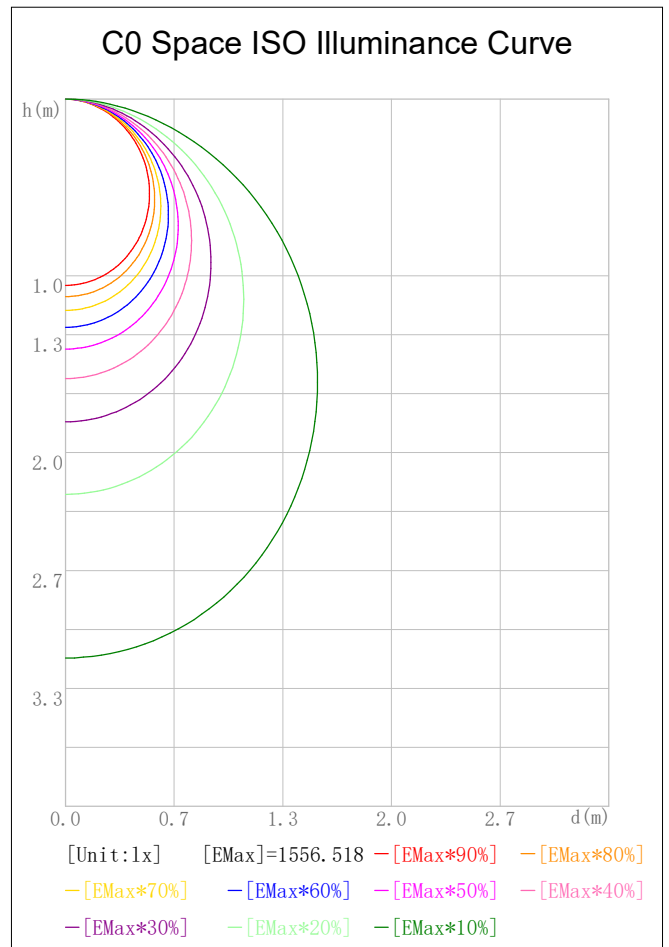
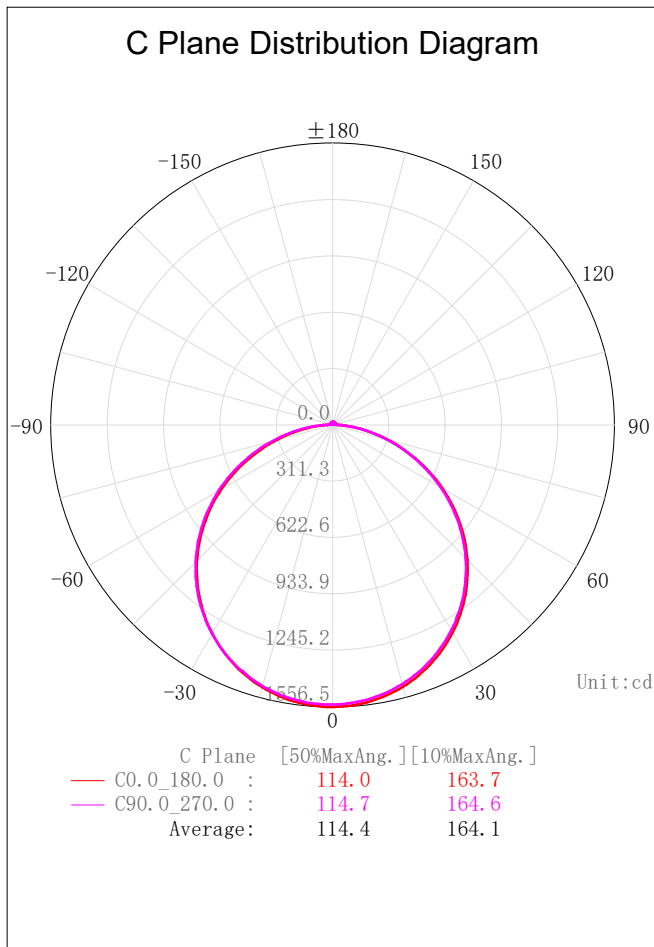
Indoor Luminaire Photometric Data

Description Information

Luminaire Name: 242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2024/12/10
Manufacture:		Shld. Ang(°):	Test Machine: GON-2000
Test Lab:		Frequency(Hz): 60.0	Lamp CCT(K): Ra:
Lum. Size (W*L*H): 555mm*1155mm*0mm		Lum. Area(m ²): 0.641	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25	Humidity(%): 40

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 4619.700	Luminaire Flux(lm): 4619.702	Field Angle(10%Imax): 163.7(°)	
Rated Power(W):	Luminaire Efficiency: 100.00%	Down Lumens&Percent: 4541.935lm 98.32%	
Rated Voltage(V):	Luminaire EER(lm/W): 94.088	Up Lumens&Percent: 77.767lm 1.68%	
Tested Power(W): 49.100	Max. Candela(cd): 1556.518	S/MH: C0_a180=1.266 C90_270=1.262	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf): 119.8, 0.411, 0.997	Beam Angle(50%Imax): 114.0(°)	ErP Φuse(120°): 3526.218lm	
Lamp Size(W*L*H): 555mm*1155mm*0mm	Left=-57.1°, Right=56.9°	IRF(%): 107.828	



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Average brightness table(cd/m2)

Angle value	Average	Average	Average
Y(°)	L0	L45	L90
45	2320	2297	2291
55	2241	2211	2208
65	2104	2068	2071
75	1882	1837	1847
85	1694	1541	1528



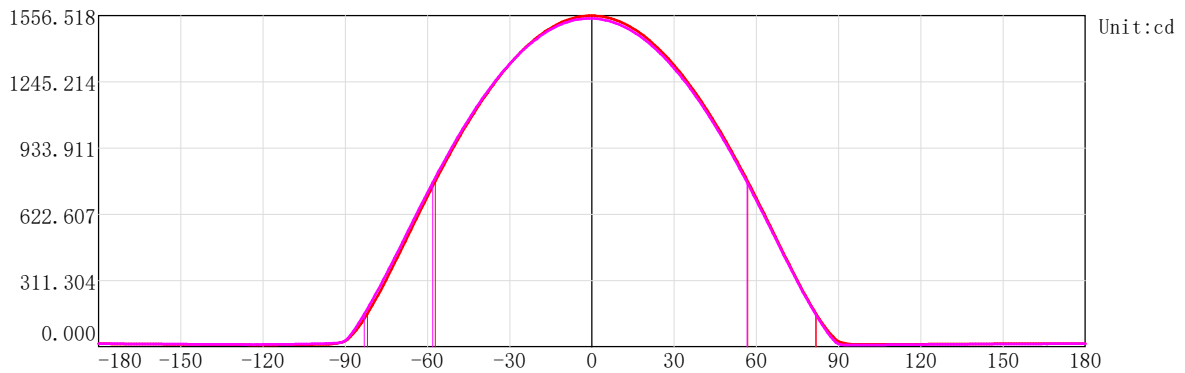
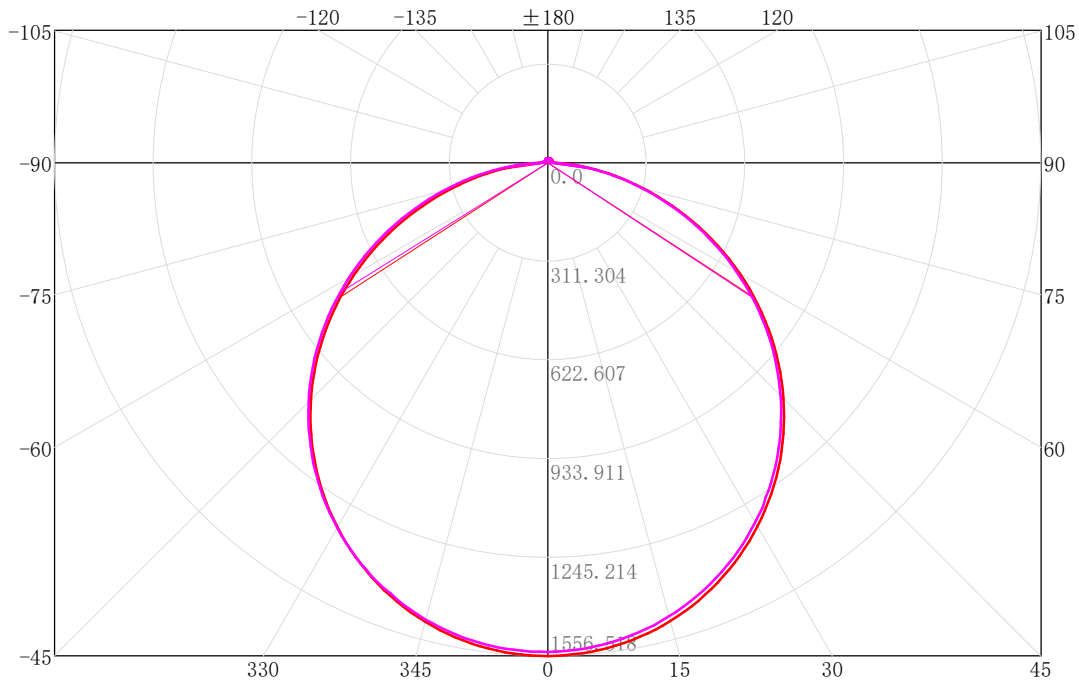
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2D Plane Light Intensity Distribution Curve

Lum. Name: 242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2024/12/10

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]
—	C0.0_180.0 :	114.0	163.7
—	C90.0_270.0 :	114.7	164.6
	Average:	114.4	164.1

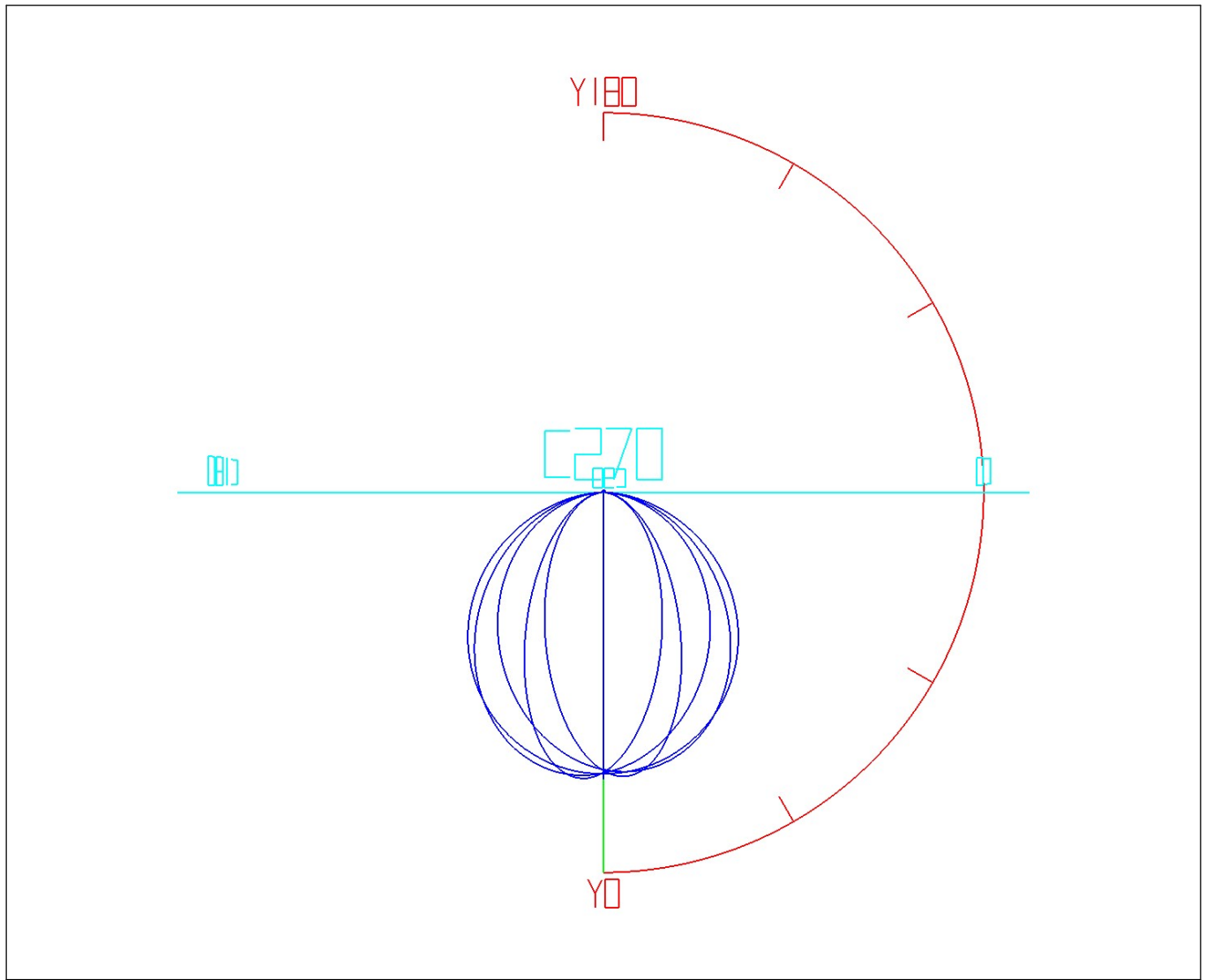
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3D Light Intensity Distribution Modal

Lum. Name: 242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2024/12/10

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

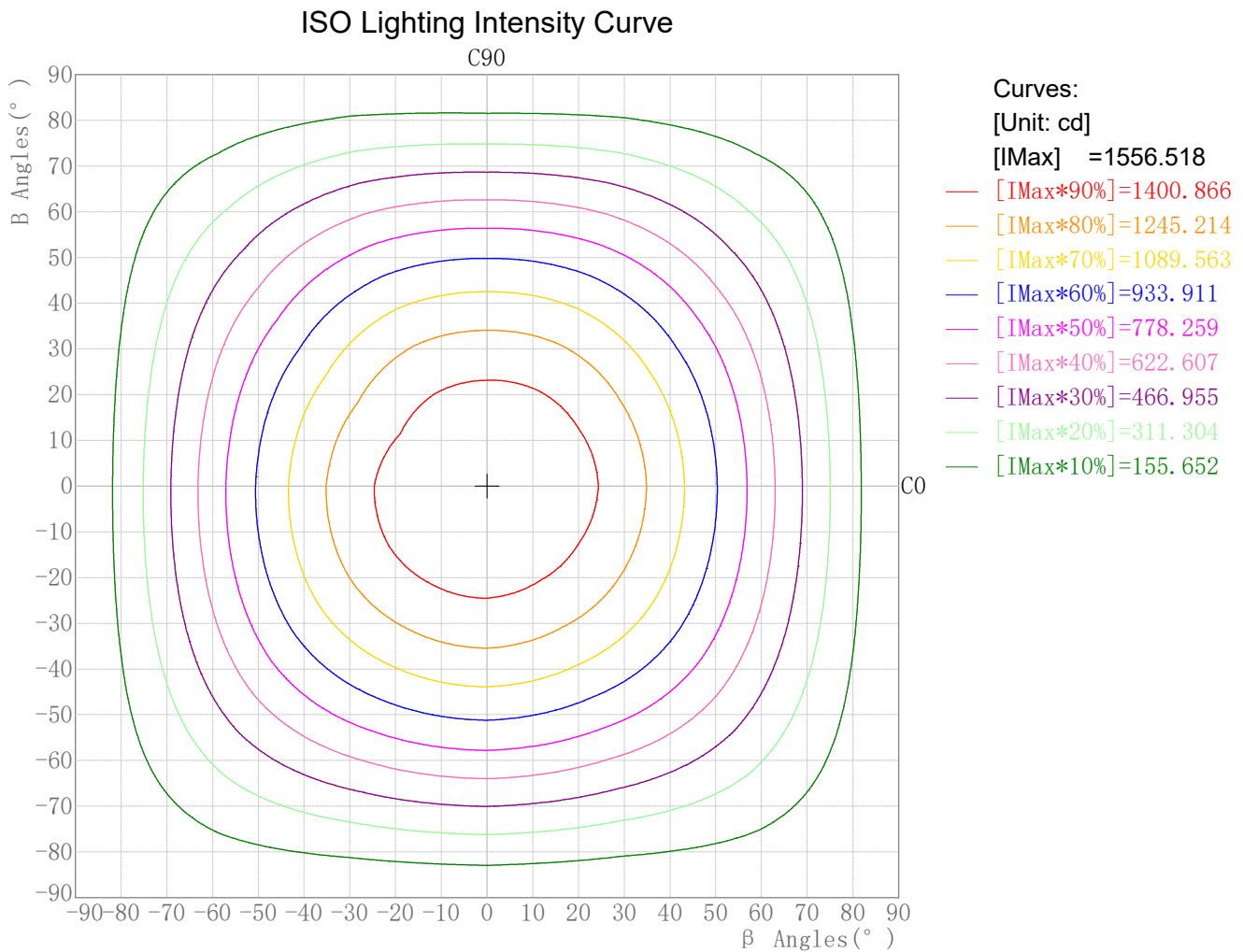
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.48	1.48	0.03	0.03	47.0-48.0	80.60	2630.40	1.74	56.94
1.0-2.0	4.43	5.91	0.10	0.13	48.0-49.0	80.08	2710.48	1.73	58.67
2.0-3.0	7.38	13.29	0.16	0.29	49.0-50.0	79.45	2789.93	1.72	60.39
3.0-4.0	10.32	23.61	0.22	0.51	50.0-51.0	78.72	2868.65	1.70	62.10
4.0-5.0	13.24	36.85	0.29	0.80	51.0-52.0	77.87	2946.52	1.69	63.78
5.0-6.0	16.15	53.01	0.35	1.15	52.0-53.0	76.92	3023.44	1.66	65.45
6.0-7.0	19.04	72.05	0.41	1.56	53.0-54.0	75.87	3099.30	1.64	67.09
7.0-8.0	21.90	93.95	0.47	2.03	54.0-55.0	74.72	3174.02	1.62	68.71
8.0-9.0	24.73	118.68	0.54	2.57	55.0-56.0	73.47	3247.49	1.59	70.30
9.0-10.0	27.54	146.22	0.60	3.17	56.0-57.0	72.13	3319.62	1.56	71.86
10.0-11.0	30.30	176.52	0.66	3.82	57.0-58.0	70.68	3390.30	1.53	73.39
11.0-12.0	33.03	209.55	0.71	4.54	58.0-59.0	69.13	3459.43	1.50	74.88
12.0-13.0	35.71	245.25	0.77	5.31	59.0-60.0	67.50	3526.94	1.46	76.35
13.0-14.0	38.35	283.60	0.83	6.14	60.0-61.0	65.78	3592.72	1.42	77.77
14.0-15.0	40.93	324.53	0.89	7.02	61.0-62.0	63.98	3656.70	1.38	79.15
15.0-16.0	43.46	367.99	0.94	7.97	62.0-63.0	62.09	3718.79	1.34	80.50
16.0-17.0	45.94	413.93	0.99	8.96	63.0-64.0	60.13	3778.92	1.30	81.80
17.0-18.0	48.35	462.28	1.05	10.01	64.0-65.0	58.09	3837.01	1.26	83.06
18.0-19.0	50.70	512.99	1.10	11.10	65.0-66.0	55.99	3893.01	1.21	84.27
19.0-20.0	52.99	565.98	1.15	12.25	66.0-67.0	53.83	3946.84	1.17	85.43
20.0-21.0	55.20	621.18	1.19	13.45	67.0-68.0	51.60	3998.44	1.12	86.55
21.0-22.0	57.35	678.53	1.24	14.69	68.0-69.0	49.32	4047.76	1.07	87.62
22.0-23.0	59.42	737.95	1.29	15.97	69.0-70.0	46.99	4094.75	1.02	88.64
23.0-24.0	61.40	799.36	1.33	17.30	70.0-71.0	44.63	4139.38	0.97	89.60
24.0-25.0	63.32	862.68	1.37	18.67	71.0-72.0	42.23	4181.61	0.91	90.52
25.0-26.0	65.15	927.82	1.41	20.08	72.0-73.0	39.82	4221.43	0.86	91.38
26.0-27.0	66.89	994.71	1.45	21.53	73.0-74.0	37.38	4258.81	0.81	92.19
27.0-28.0	68.54	1063.25	1.48	23.02	74.0-75.0	34.92	4293.73	0.76	92.94
28.0-29.0	70.11	1133.36	1.52	24.53	75.0-76.0	32.47	4326.19	0.70	93.65
29.0-30.0	71.58	1204.95	1.55	26.08	76.0-77.0	30.01	4356.21	0.65	94.30
30.0-31.0	72.96	1277.90	1.58	27.66	77.0-78.0	27.57	4383.78	0.60	94.89
31.0-32.0	74.24	1352.15	1.61	29.27	78.0-79.0	25.15	4408.93	0.54	95.44
32.0-33.0	75.42	1427.56	1.63	30.90	79.0-80.0	22.76	4431.69	0.49	95.93
33.0-34.0	76.50	1504.07	1.66	32.56	80.0-81.0	20.41	4452.10	0.44	96.37
34.0-35.0	77.49	1581.56	1.68	34.24	81.0-82.0	18.10	4470.20	0.39	96.76
35.0-36.0	78.37	1659.93	1.70	35.93	82.0-83.0	15.84	4486.04	0.34	97.11
36.0-37.0	79.15	1739.08	1.71	37.64	83.0-84.0	13.65	4499.68	0.30	97.40
37.0-38.0	79.83	1818.91	1.73	39.37	84.0-85.0	11.54	4511.22	0.25	97.65
38.0-39.0	80.39	1899.31	1.74	41.11	85.0-86.0	9.53	4520.75	0.21	97.86
39.0-40.0	80.85	1980.16	1.75	42.86	86.0-87.0	7.64	4528.39	0.17	98.02
40.0-41.0	81.20	2061.35	1.76	44.62	87.0-88.0	5.92	4534.32	0.13	98.15
41.0-42.0	81.44	2142.79	1.76	46.38	88.0-89.0	4.41	4538.73	0.10	98.25
42.0-43.0	81.57	2224.36	1.77	48.15	89.0-90.0	3.21	4541.94	0.07	98.32
43.0-44.0	81.59	2305.95	1.77	49.92	90.0-91.0	2.41	4544.34	0.05	98.37
44.0-45.0	81.51	2387.46	1.76	51.68	91.0-92.0	1.93	4546.27	0.04	98.41
45.0-46.0	81.32	2468.79	1.76	53.44	92.0-93.0	1.65	4547.91	0.04	98.45
46.0-47.0	81.01	2549.80	1.75	55.19	93.0-94.0	1.50	4549.41	0.03	98.48

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Rectangle ISO Lighting Intensity Diagram

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Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2024/12/10



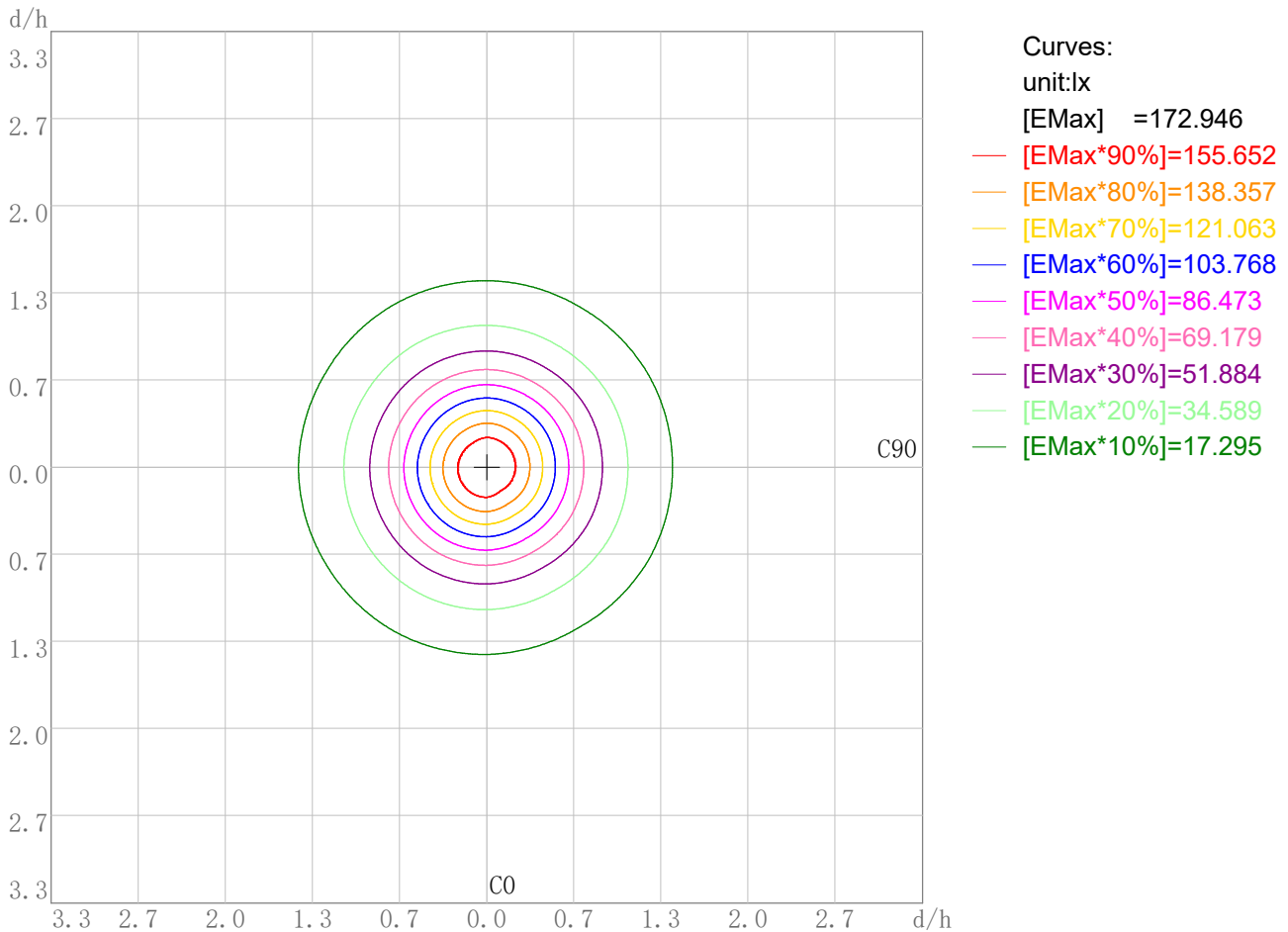
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Plane ISO-Illuminance Diagram

Lum. Name: 242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/12/10

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 172.95

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

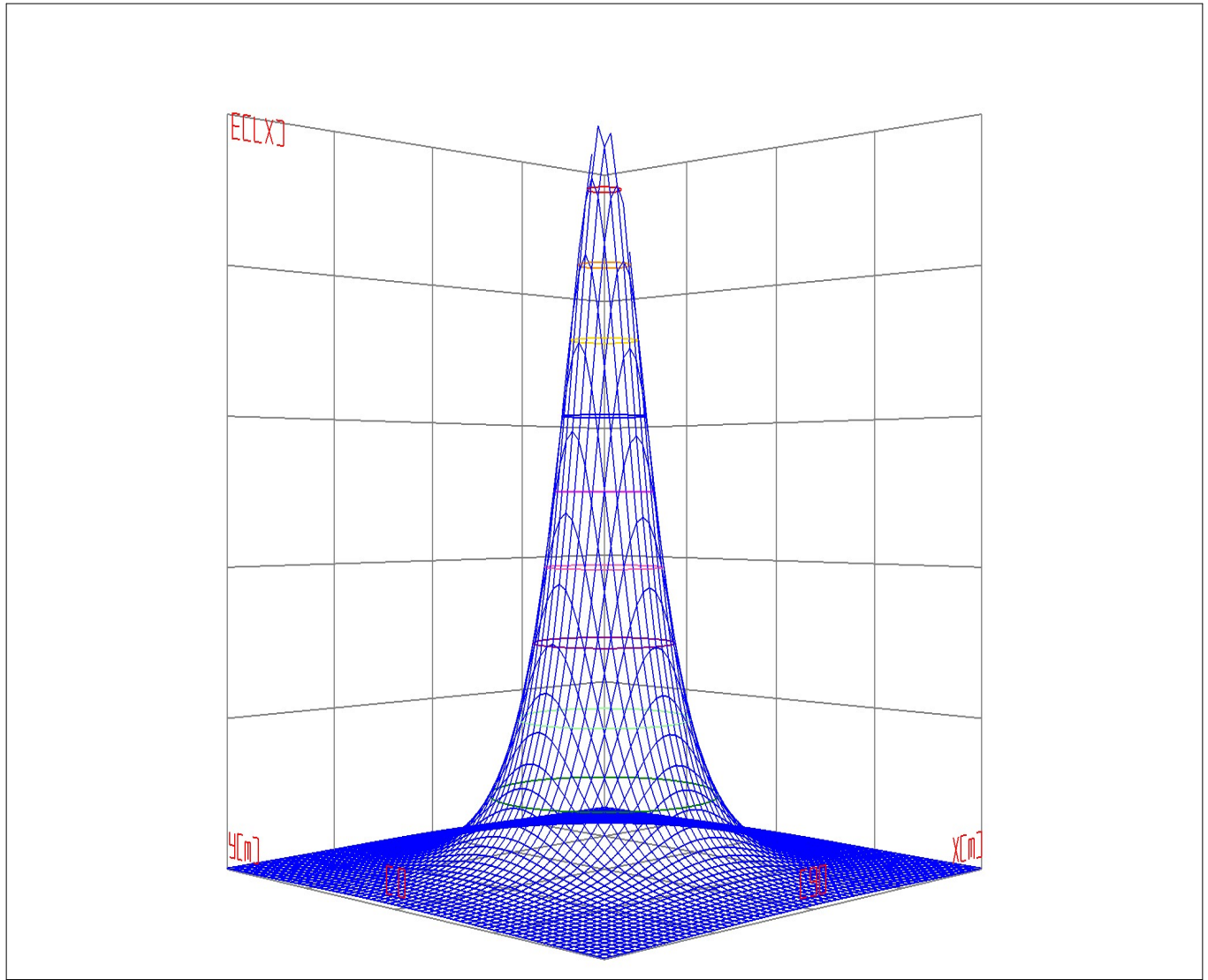
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3D Plane ISO Illuminance Diagram

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Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2024/12/10

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

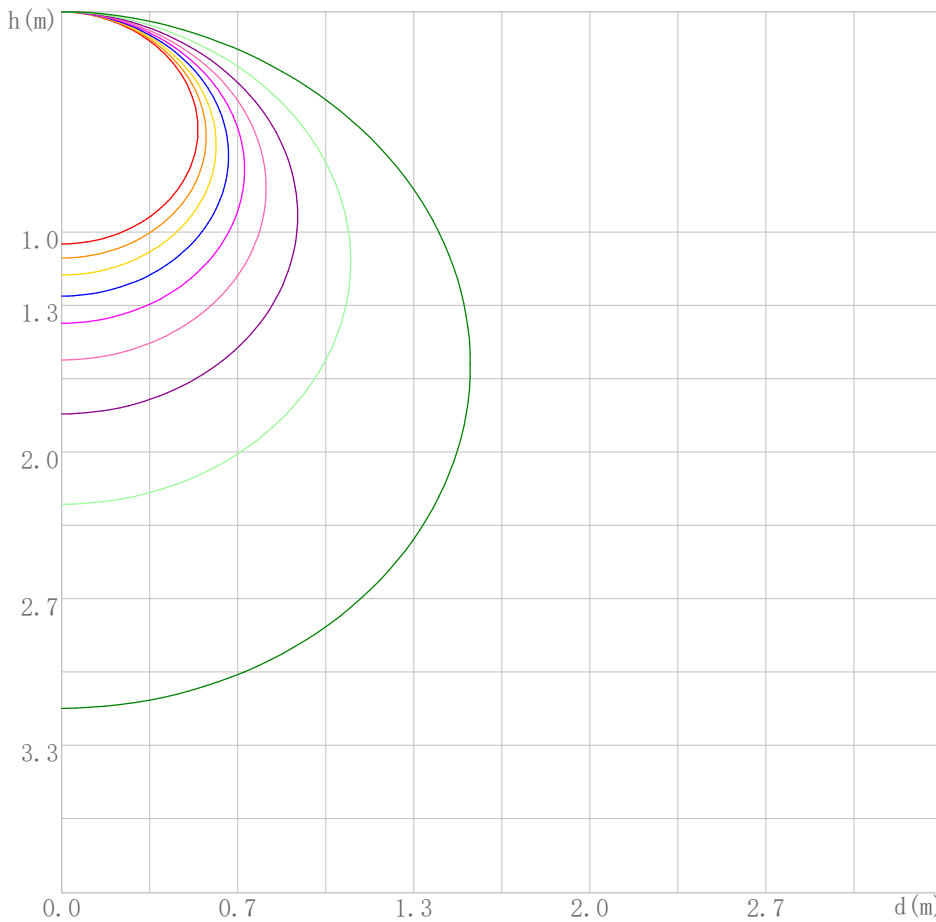
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Space ISO Illuminance Diagram

Lum. Name: 242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2024/12/10

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] = 1556.518

— [EMax*90%]=1400.866

— [EMax*80%]=1245.214

— [EMax*70%]=1089.563

— [EMax*60%]=933.911

— [EMax*50%]=778.259

— [EMax*40%]=622.607

— [EMax*30%]=466.955

— [EMax*20%]=311.304

— [EMax*10%]=155.652

Space Plane Maximum Illuminance and @Angle: 1556.52lx, 0.0deg

Plane Maximum Lighting Intensity and @Angle: 1556.518cd, 0deg

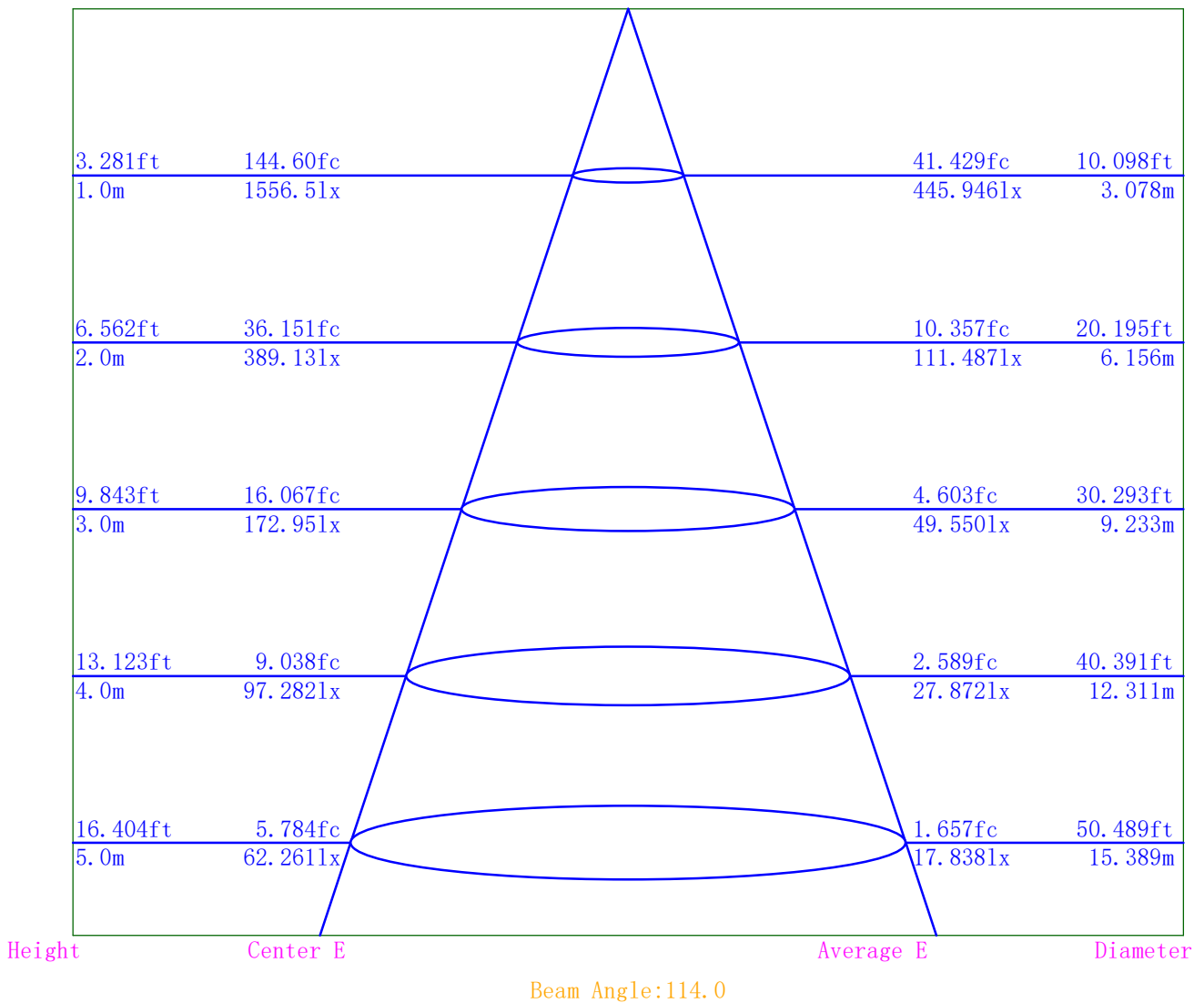
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Illuminance-Distance Diagram

Lum. Name: 242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2024/12/10

Illuminance-Distance Curve



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Indoor Luminance Limiting Curves

Lum. Name: 242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2024/12/10

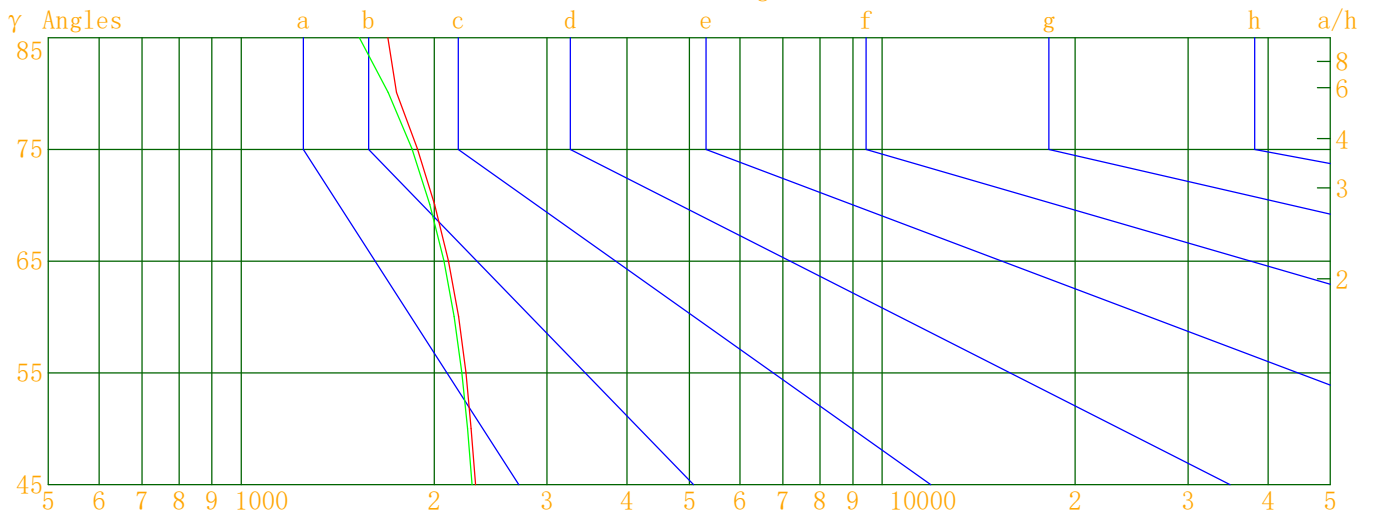
Glare Grade Table

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	2320	2285	2241	2183	2104	2004	1882	1747	1694
C90	2291	2255	2208	2148	2071	1969	1847	1696	1528

Luminance Limiting Curve



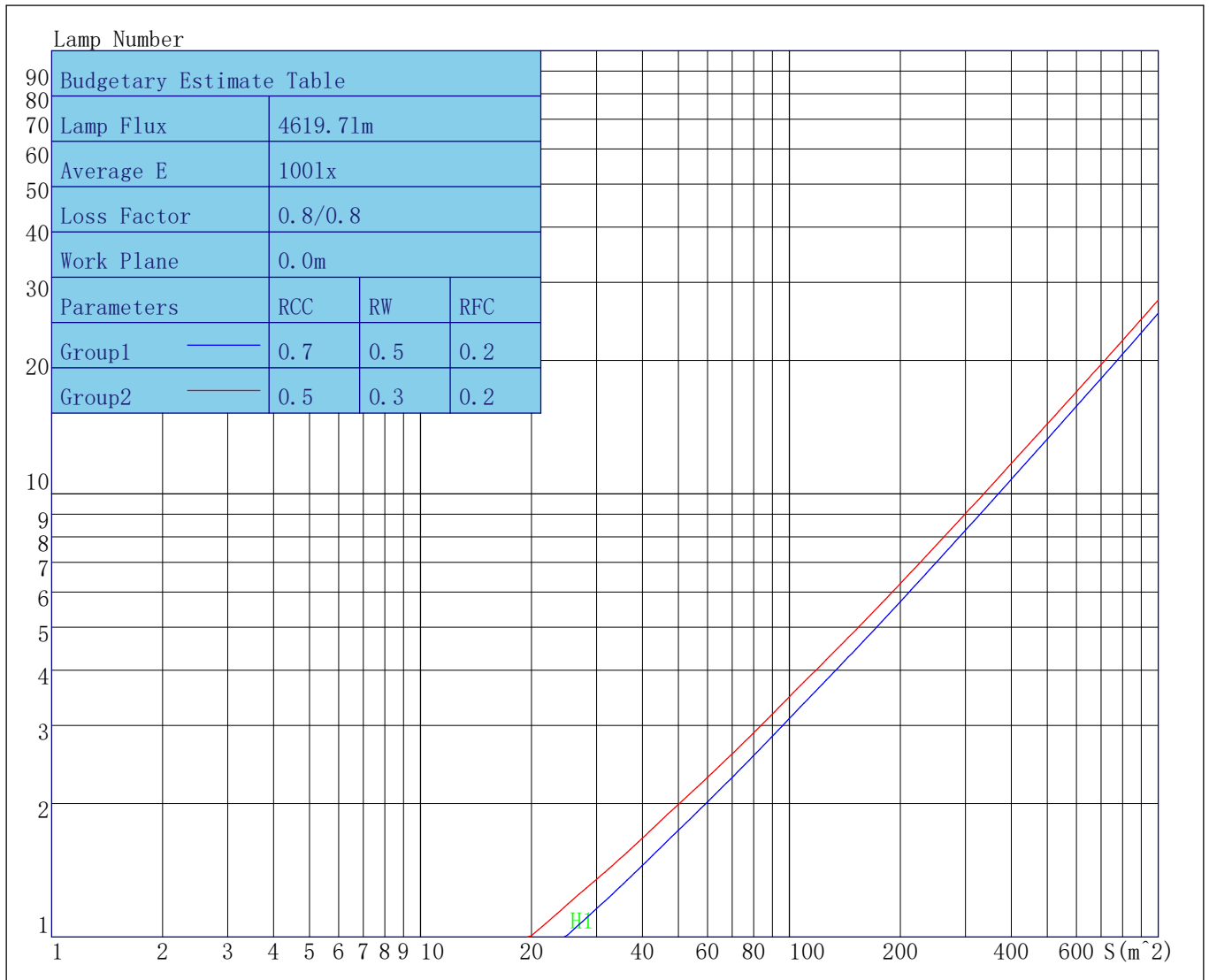
Luminous Size: Length(m)=1.155 Width(m)=0.555 Height(m)=0.000 Area(m²)=0.641025
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: ——— C90-C270 Color: ———

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Indoor Budgetary Estimate Table

Lum. Name: 242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2024/12/10



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: 242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/12/10

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	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	86	84	82
2	98	90	83	77	95	88	81	76	84	78	74	80	76	72	77	73	70	68
3	89	78	70	64	87	77	69	63	74	67	62	71	65	60	68	63	59	57
4	82	69	60	54	79	68	60	53	65	58	52	63	56	51	60	55	50	48
5	75	62	53	46	73	61	52	46	58	51	45	56	50	44	54	48	44	42
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	49	43	38	36
7	64	50	42	35	62	50	41	35	48	40	35	46	39	34	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	42	36	31	41	35	30	28
9	56	42	34	28	54	41	34	28	40	33	28	39	32	28	38	32	27	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	35	29	25	23

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Unified Glare Rating Table

Lum. Name: 242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2024/12/10

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	Viewed crosswise					Viewed endwise					
X=2H	Y=2H	15.1	16.7	15.5	17.0	17.4	15.0	16.6	15.4	17.0	17.4
	Y=3H	16.7	18.2	17.1	18.5	18.9	16.7	18.1	17.1	18.5	18.9
	Y=4H	17.4	18.8	17.8	19.2	19.6	17.3	18.7	17.8	19.1	19.5
	Y=6H	17.9	19.2	18.4	19.6	20.0	17.9	19.1	18.3	19.5	20.0
	Y=8H	18.1	19.3	18.6	19.7	20.2	18.0	19.3	18.5	19.7	20.1
	Y=12H	18.2	19.4	18.7	19.8	20.3	18.2	19.3	18.6	19.7	20.2
X=4H	Y=2H	15.8	17.2	16.3	17.6	18.0	15.8	17.2	16.2	17.5	18.0
	Y=3H	17.7	18.8	18.1	19.3	19.7	17.6	18.8	18.1	19.2	19.7
	Y=4H	18.5	19.5	18.9	20.0	20.4	18.4	19.5	18.9	19.9	20.4
	Y=6H	19.1	20.0	19.6	20.5	21.0	19.1	20.0	19.6	20.5	21.0
	Y=8H	19.4	20.2	19.8	20.7	21.2	19.3	20.2	19.8	20.6	21.1
	Y=12H	19.5	20.3	20.1	20.8	21.3	19.5	20.2	20.0	20.7	21.3
X=8H	Y=4H	18.8	19.7	19.3	20.1	20.6	18.8	19.6	19.2	20.1	20.6
	Y=6H	19.6	20.3	20.1	20.8	21.5	19.5	20.3	20.1	20.8	21.4
	Y=8H	19.9	20.6	20.5	21.1	21.6	19.9	20.5	20.4	21.0	21.6
	Y=12H	20.2	20.8	20.7	21.3	21.9	20.1	20.7	20.7	21.2	21.8
X=12H	Y=4H	18.9	19.6	19.4	20.1	20.6	18.8	19.6	19.3	20.1	20.6
	Y=6H	19.7	20.3	20.2	20.8	21.4	19.6	20.3	20.2	20.7	21.3
	Y=8H	20.1	20.6	20.6	21.1	21.7	20.0	20.5	20.5	21.1	21.7
Variations with the objverger position at spacings											
S=1.0H	0.4/-0.4					0.5/-0.5					
S=1.5H	0.8/-0.9					0.8/-0.9					
S=2.0H	0.9/-1.1					0.9/-1.2					
Reduced UGR Table:											
Nordic Standard Table:	BKO					BKO					
Correction Value	3.0					2.9					

Calculation is according to the CIE Pub.117,data has been corrected,refers to the lamp's 4619.70lm.

IES Indoor Report

Photometric Filename:242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N.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	1556.52	1551.31	1547.40	1543.06	1538.44	1532.32	1556.52	1551.31	1547.40	1543.06	1538.44	1532.32
γ 1.0	1555.82	1550.93	1546.90	1542.34	1536.32	1531.08	1556.10	1552.41	1547.32	1543.07	1537.37	1532.31
γ 2.0	1554.12	1549.09	1546.37	1541.72	1536.68	1530.77	1555.11	1550.73	1546.61	1543.14	1536.83	1532.13
γ 3.0	1552.92	1548.07	1544.67	1539.83	1534.79	1528.39	1553.83	1549.85	1546.47	1541.15	1535.60	1531.64
γ 4.0	1551.35	1546.10	1541.79	1537.65	1533.16	1526.29	1552.05	1549.34	1544.14	1540.53	1534.06	1529.40
γ 5.0	1548.90	1543.28	1539.72	1534.63	1531.14	1523.74	1549.91	1546.82	1541.86	1538.85	1532.00	1528.15
γ 6.0	1546.10	1539.46	1537.35	1531.96	1527.79	1520.49	1546.98	1543.94	1540.27	1536.60	1529.56	1525.27
γ 7.0	1542.97	1535.94	1533.35	1528.30	1524.42	1516.58	1543.59	1541.83	1536.83	1533.24	1526.11	1521.80
γ 8.0	1538.57	1532.57	1529.08	1524.09	1519.94	1512.89	1539.76	1537.15	1532.72	1529.51	1522.22	1518.42
γ 9.0	1533.65	1526.93	1524.54	1519.43	1516.06	1507.89	1535.85	1533.35	1528.81	1525.54	1517.98	1514.40
γ 10.0	1529.03	1521.75	1519.77	1514.28	1511.40	1502.60	1530.36	1529.19	1523.90	1521.56	1514.08	1510.32
γ 11.0	1522.83	1515.55	1514.35	1508.70	1505.40	1496.95	1526.15	1524.29	1519.03	1516.55	1508.17	1505.11
γ 12.0	1517.60	1509.60	1507.82	1502.23	1498.99	1490.16	1519.04	1518.90	1513.60	1510.71	1502.62	1499.86
γ 13.0	1511.06	1503.11	1500.77	1496.39	1493.14	1483.68	1513.19	1512.35	1507.25	1505.17	1496.47	1494.07
γ 14.0	1504.29	1496.15	1494.28	1488.45	1486.15	1476.79	1505.78	1505.60	1500.69	1498.12	1489.47	1487.39
γ 15.0	1496.42	1487.74	1486.88	1480.84	1478.29	1468.82	1498.43	1498.77	1493.04	1492.01	1482.06	1479.80
γ 16.0	1488.13	1479.16	1478.94	1472.71	1471.29	1461.51	1489.82	1491.40	1485.91	1483.72	1474.66	1473.51
γ 17.0	1479.25	1471.30	1469.29	1464.44	1462.86	1451.88	1482.96	1482.83	1477.89	1475.80	1466.75	1464.53
γ 18.0	1470.69	1461.38	1460.72	1455.09	1453.78	1442.11	1472.63	1473.98	1469.01	1467.57	1458.19	1455.74
γ 19.0	1461.16	1451.21	1451.90	1445.88	1443.92	1433.89	1463.85	1464.87	1460.30	1458.50	1448.50	1447.42
γ 20.0	1450.53	1440.80	1440.99	1435.84	1434.51	1423.13	1453.63	1455.73	1451.00	1446.69	1439.75	1437.52
γ 21.0	1440.44	1431.20	1430.71	1424.99	1423.50	1412.08	1443.94	1445.67	1440.16	1439.39	1429.39	1427.56
γ 22.0	1429.43	1418.95	1419.75	1413.86	1413.67	1401.41	1432.23	1435.10	1430.31	1429.21	1418.19	1417.50
γ 23.0	1417.13	1406.65	1408.15	1402.44	1402.01	1389.47	1420.96	1423.71	1419.00	1418.28	1407.52	1406.63
γ 24.0	1405.23	1395.28	1395.88	1390.05	1390.09	1377.74	1408.62	1412.87	1406.94	1406.60	1395.87	1395.35
γ 25.0	1393.04	1381.83	1384.52	1378.20	1378.59	1364.95	1396.91	1400.32	1394.80	1395.58	1383.67	1383.40
γ 26.0	1379.74	1369.04	1371.36	1365.26	1364.92	1351.79	1383.68	1387.54	1383.37	1382.88	1371.73	1370.70
γ 27.0	1366.49	1355.61	1357.75	1351.97	1352.59	1338.75	1370.44	1375.20	1370.16	1369.91	1357.98	1358.21
γ 28.0	1353.79	1341.19	1344.35	1338.40	1338.99	1325.18	1356.81	1361.26	1356.44	1356.90	1344.77	1345.07
γ 29.0	1338.38	1326.65	1330.10	1323.79	1325.12	1310.61	1342.69	1347.87	1342.99	1343.71	1330.72	1331.92
γ 30.0	1324.05	1311.76	1315.26	1308.49	1310.26	1295.87	1327.82	1333.31	1328.84	1330.17	1316.74	1317.22
γ 31.0	1308.59	1296.70	1300.54	1294.03	1295.44	1280.70	1312.87	1318.44	1312.96	1314.94	1302.27	1303.01
γ 32.0	1293.14	1280.34	1284.11	1280.08	1279.92	1265.86	1297.42	1303.34	1298.38	1300.11	1286.41	1288.16
γ 33.0	1276.67	1264.17	1268.23	1260.19	1264.70	1248.99	1280.95	1287.91	1282.91	1284.92	1271.34	1271.95
γ 34.0	1260.66	1247.68	1252.34	1246.16	1248.65	1233.02	1264.99	1271.63	1266.76	1268.97	1254.76	1256.41
γ 35.0	1242.61	1230.70	1235.90	1229.55	1232.31	1215.86	1248.12	1255.69	1249.84	1252.52	1238.40	1239.63
γ 36.0	1226.29	1212.85	1217.64	1211.70	1214.78	1198.87	1230.76	1238.77	1233.21	1235.97	1221.89	1222.81
γ 37.0	1208.30	1195.09	1200.51	1194.69	1197.50	1180.92	1213.14	1221.25	1216.68	1218.65	1204.49	1206.10
γ 38.0	1190.41	1176.58	1182.32	1176.57	1180.01	1163.18	1194.52	1203.53	1197.71	1201.81	1186.81	1188.97
γ 39.0	1171.47	1157.71	1163.87	1158.01	1161.58	1144.75	1176.31	1185.49	1180.39	1183.58	1168.05	1170.46
γ 40.0	1152.32	1138.67	1144.66	1138.79	1142.83	1125.54	1158.01	1167.22	1161.27	1165.13	1149.64	1152.21
γ 41.0	1133.09	1118.89	1125.82	1119.64	1124.03	1106.02	1138.19	1147.83	1142.33	1146.10	1130.89	1133.19
γ 42.0	1113.17	1098.96	1106.25	1099.26	1104.56	1086.38	1118.77	1128.79	1123.13	1127.33	1111.18	1113.86
γ 43.0	1093.41	1078.72	1086.14	1079.74	1084.87	1066.30	1098.23	1108.40	1103.08	1107.65	1091.60	1095.03
γ 44.0	1071.90	1057.62	1065.31	1059.47	1064.36	1046.28	1077.94	1088.75	1083.29	1087.43	1071.18	1074.72
γ 45.0	1051.46	1036.86	1045.63	1038.56	1044.42	1025.64	1057.23	1068.15	1062.72	1067.25	1050.69	1054.69
γ 46.0	1030.51	1015.54	1023.64	1017.17	1023.79	1004.03	1035.68	1047.06	1042.18	1046.87	1029.75	1034.17

IES Indoor Report

Photometric Filename:242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N.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	1008.55	992.96	1002.62	995.40	1001.87	982.67	1014.80	1025.88	1020.67	1025.99	1008.40	1012.75
γ 48.0	986.47	971.13	980.39	973.68	980.82	960.89	992.54	1004.95	998.84	1004.55	986.96	991.32
γ 49.0	964.24	948.77	958.34	951.64	958.93	938.59	970.17	982.88	977.07	982.99	964.97	969.85
γ 50.0	941.54	925.66	936.02	929.06	936.73	916.43	948.04	960.29	954.34	960.79	942.86	947.70
γ 51.0	918.93	902.91	913.01	906.56	914.02	893.53	924.72	937.92	931.46	938.18	920.14	925.39
γ 52.0	895.35	878.84	889.93	883.14	891.51	870.55	901.30	914.86	908.87	915.63	897.03	902.42
γ 53.0	871.63	855.23	866.70	859.61	868.09	847.27	877.61	892.01	885.29	892.34	873.52	879.55
γ 54.0	848.16	831.18	842.97	835.81	844.65	823.24	853.86	868.21	862.02	869.36	850.80	856.24
γ 55.0	823.95	806.87	818.98	811.98	820.93	799.92	830.16	844.89	838.12	845.49	826.47	832.93
γ 56.0	799.32	782.35	794.65	787.78	797.45	776.28	805.17	820.52	813.61	821.92	802.63	808.65
γ 57.0	774.59	757.78	770.36	763.73	773.11	751.61	781.18	796.45	789.65	797.75	778.18	784.86
γ 58.0	749.97	732.90	745.53	738.53	748.97	727.16	755.83	771.24	765.01	773.37	753.66	760.16
γ 59.0	724.34	707.13	720.77	713.28	724.14	702.21	730.73	747.29	739.91	748.84	728.85	735.28
γ 60.0	699.52	681.70	695.84	688.40	699.43	676.97	705.59	722.18	714.46	723.90	703.40	711.27
γ 61.0	673.68	655.95	670.62	663.25	674.67	652.01	679.59	696.72	689.76	698.92	678.25	685.73
γ 62.0	648.07	630.74	644.97	637.84	649.04	626.76	654.19	671.02	664.17	673.49	653.11	660.44
γ 63.0	622.46	604.71	619.57	612.55	624.40	601.37	627.81	645.56	637.98	648.09	627.36	635.07
γ 64.0	596.25	578.75	593.88	586.55	598.67	575.63	602.15	619.68	612.59	622.39	601.83	609.31
γ 65.0	569.98	552.44	567.86	561.00	573.28	549.85	575.80	594.22	586.59	597.15	575.94	584.03
γ 66.0	544.03	526.36	542.48	534.92	547.90	524.45	549.51	567.98	561.04	571.48	550.29	558.63
γ 67.0	517.65	500.11	516.55	509.13	522.07	498.85	523.13	542.16	534.79	545.95	524.42	532.65
γ 68.0	491.39	474.31	490.62	483.53	496.45	472.94	497.03	516.18	509.02	519.77	498.51	507.00
γ 69.0	465.23	448.03	464.98	457.70	470.93	447.37	470.40	489.88	482.63	493.92	472.61	480.90
γ 70.0	439.36	422.08	439.27	431.79	445.39	421.56	444.49	463.92	456.87	468.25	446.81	455.51
γ 71.0	413.17	396.22	413.76	406.27	420.08	396.20	418.15	438.10	430.82	442.49	421.25	429.86
γ 72.0	387.84	370.59	388.36	380.86	394.77	370.80	392.22	412.52	405.13	417.12	395.67	404.55
γ 73.0	362.04	345.52	363.36	355.68	369.71	345.87	366.55	386.84	379.53	391.68	370.41	379.22
γ 74.0	336.97	320.55	338.17	330.99	344.78	321.17	340.89	361.20	354.27	366.30	345.24	354.25
γ 75.0	312.19	295.79	313.67	306.36	320.32	296.67	315.52	335.69	329.18	341.40	320.25	329.27
γ 76.0	287.68	271.31	289.48	281.96	296.00	272.43	290.92	311.20	304.50	316.60	295.93	305.12
γ 77.0	263.57	247.47	265.20	257.73	271.90	248.69	266.29	286.37	279.83	292.14	271.75	280.98
γ 78.0	239.95	224.26	241.76	234.13	248.49	225.52	242.49	262.43	255.77	268.21	247.97	257.29
γ 79.0	217.00	201.49	218.64	211.26	225.40	202.80	219.09	238.71	232.20	244.56	224.68	233.86
γ 80.0	194.45	179.49	195.82	188.76	202.38	181.06	196.31	215.27	209.05	221.09	202.00	211.33
γ 81.0	172.96	157.95	173.84	166.84	180.22	159.43	174.35	192.63	186.28	198.20	179.80	188.97
γ 82.0	151.70	137.36	152.09	145.35	158.60	138.52	152.83	170.70	164.52	175.85	158.22	167.52
γ 83.0	131.43	117.18	131.07	124.60	137.38	118.61	132.25	149.43	143.15	154.23	136.90	146.54
γ 84.0	112.56	98.50	110.87	104.55	116.92	99.41	112.58	128.97	122.39	133.13	116.69	126.36
γ 85.0	94.65	80.99	91.15	85.38	97.13	81.52	94.42	109.24	102.39	112.57	97.10	107.47
γ 86.0	77.89	64.79	72.34	67.08	78.15	65.35	77.88	90.77	83.36	92.72	78.27	89.61
γ 87.0	62.27	49.75	55.58	49.98	60.62	50.57	62.59	74.09	65.11	73.58	60.87	72.99
γ 88.0	47.79	36.07	40.99	34.24	45.55	37.49	48.69	58.75	49.31	56.28	46.15	57.80
γ 89.0	34.73	24.71	29.17	21.31	33.19	26.71	36.26	45.02	36.09	40.89	33.84	44.60
γ 90.0	25.30	17.23	20.90	13.56	24.24	19.29	26.98	34.34	26.15	29.00	24.65	34.33
γ 91.0	21.03	13.57	15.62	10.23	17.97	14.61	22.76	27.75	19.45	22.57	18.09	26.94
γ 92.0	17.69	10.88	13.33	8.82	13.97	11.76	19.63	23.75	15.10	19.62	14.05	22.40
γ 93.0	14.83	9.09	13.01	8.71	13.07	9.68	16.79	20.63	13.48	18.16	13.21	19.19

IES Indoor Report

Photometric Filename:242654-3 PVPL-M3205-50W30K24-01 A80-0119010144N.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	13.07	8.65	12.80	8.72	12.88	8.69	14.56	18.34	13.12	17.59	12.94	17.30
γ 95.0	12.70	8.68	12.63	8.73	12.65	8.59	13.13	17.10	12.83	17.08	12.68	16.65
γ 96.0	12.46	8.71	12.49	8.77	12.53	8.59	12.51	16.57	12.61	16.67	12.41	16.22
γ 97.0	12.37	8.79	12.42	8.85	12.35	8.66	12.23	16.13	12.40	16.23	12.15	15.77
γ 98.0	12.24	8.93	12.27	8.88	12.26	8.73	12.00	15.73	12.11	15.76	11.97	15.43
γ 99.0	12.14	8.91	12.23	8.96	12.18	8.78	11.79	15.36	11.90	15.41	11.76	15.02
γ 100.0	12.15	9.02	12.12	9.04	12.10	8.90	11.56	14.97	11.66	15.05	11.48	14.61
γ 101.0	12.07	9.07	12.08	9.12	12.08	8.93	11.37	14.62	11.49	14.70	11.25	14.29
γ 102.0	12.02	9.20	12.02	9.24	12.02	9.06	11.17	14.23	11.31	14.41	11.13	13.97
γ 103.0	12.01	9.30	12.04	9.31	12.02	9.18	11.00	14.01	11.08	14.05	10.90	13.66
γ 104.0	11.92	9.40	12.03	9.45	12.01	9.26	10.85	13.65	10.90	13.70	10.69	13.39
γ 105.0	12.01	9.49	12.06	9.52	12.04	9.34	10.65	13.41	10.74	13.52	10.50	13.14
γ 106.0	12.03	9.56	12.07	9.60	12.00	9.47	10.52	13.12	10.57	13.21	10.40	12.87
γ 107.0	12.08	9.73	12.13	9.74	12.04	9.53	10.38	12.91	10.39	12.97	10.19	12.63
γ 108.0	12.08	9.83	12.05	9.84	12.08	9.66	10.28	12.70	10.27	12.79	10.06	12.43
γ 109.0	12.08	9.95	12.17	9.97	12.11	9.81	10.12	12.51	10.18	12.56	9.92	12.23
γ 110.0	12.16	10.04	12.18	10.02	12.07	9.90	9.99	12.27	10.01	12.37	9.82	12.00
γ 111.0	12.26	10.15	12.24	10.12	12.21	10.01	9.93	12.12	9.95	12.22	9.69	11.81
γ 112.0	12.23	10.22	12.29	10.24	12.23	10.12	9.87	12.01	9.87	12.03	9.65	11.71
γ 113.0	12.31	10.37	12.27	10.33	12.25	10.22	9.82	11.84	9.81	11.91	9.53	11.56
γ 114.0	12.34	10.41	12.37	10.42	12.29	10.34	9.80	11.72	9.72	11.80	9.50	11.45
γ 115.0	12.40	10.52	12.44	10.54	12.34	10.47	9.76	11.65	9.68	11.69	9.47	11.31
γ 116.0	12.50	10.65	12.43	10.65	12.37	10.55	9.69	11.53	9.67	11.61	9.50	11.21
γ 117.0	12.48	10.77	12.46	10.77	12.44	10.61	9.61	11.51	9.67	11.53	9.40	11.12
γ 118.0	12.54	10.86	12.51	10.86	12.49	10.75	9.63	11.35	9.61	11.41	9.41	11.04
γ 119.0	12.62	10.95	12.62	10.96	12.58	10.88	9.62	11.30	9.63	11.38	9.40	10.94
γ 120.0	12.65	11.03	12.66	11.06	12.62	10.97	9.64	11.32	9.63	11.34	9.44	10.98
γ 121.0	12.69	11.15	12.73	11.17	12.70	11.06	9.64	11.21	9.71	11.27	9.44	10.93
γ 122.0	12.78	11.26	12.78	11.28	12.76	11.17	9.64	11.24	9.68	11.30	9.44	10.84
γ 123.0	12.85	11.31	12.85	11.37	12.83	11.21	9.72	11.22	9.75	11.27	9.53	10.85
γ 124.0	12.94	11.45	12.93	11.44	12.83	11.37	9.69	11.24	9.76	11.24	9.57	10.84
γ 125.0	12.95	11.57	12.94	11.60	12.91	11.43	9.75	11.21	9.75	11.28	9.56	10.83
γ 126.0	13.01	11.64	13.00	11.68	13.00	11.54	9.79	11.19	9.90	11.26	9.72	10.83
γ 127.0	13.14	11.76	13.12	11.77	13.01	11.61	9.88	11.19	9.91	11.24	9.69	10.84
γ 128.0	13.17	11.89	13.14	11.92	13.13	11.76	9.93	11.23	9.97	11.31	9.84	10.89
γ 129.0	13.26	11.98	13.25	11.98	13.16	11.86	9.99	11.24	10.08	11.32	9.89	10.90
γ 130.0	13.32	12.05	13.31	12.12	13.28	11.98	10.05	11.30	10.14	11.39	9.96	10.94
γ 131.0	13.39	12.16	13.36	12.21	13.35	12.06	10.10	11.34	10.17	11.42	10.00	11.01
γ 132.0	13.46	12.28	13.49	12.30	13.37	12.15	10.19	11.36	10.23	11.51	10.11	11.08
γ 133.0	13.45	12.34	13.57	12.39	13.45	12.25	10.31	11.41	10.31	11.57	10.20	11.14
γ 134.0	13.56	12.47	13.63	12.54	13.52	12.36	10.40	11.51	10.45	11.63	10.36	11.15
γ 135.0	13.59	12.56	13.69	12.56	13.61	12.41	10.45	11.56	10.51	11.69	10.47	11.22
γ 136.0	13.68	12.68	13.80	12.67	13.69	12.48	10.57	11.62	10.61	11.76	10.56	11.30
γ 137.0	13.78	12.76	13.86	12.75	13.78	12.52	10.66	11.68	10.74	11.92	10.73	11.39
γ 138.0	13.83	12.81	13.89	12.87	13.82	12.62	10.82	11.76	10.88	11.93	10.80	11.45
γ 139.0	13.90	12.88	13.97	12.94	13.86	12.74	10.90	11.85	10.98	12.02	10.87	11.52
γ 140.0	13.90	12.93	14.01	13.03	13.94	12.77	11.00	11.90	11.05	12.11	11.01	11.63

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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	14.02	13.06	14.08	13.12	13.95	12.83	11.11	11.94	11.19	12.19	11.14	11.73
γ 142.0	14.07	13.14	14.21	13.19	14.07	12.90	11.22	12.03	11.26	12.29	11.26	11.82
γ 143.0	14.12	13.23	14.23	13.27	14.06	13.02	11.31	12.17	11.37	12.39	11.34	11.83
γ 144.0	14.23	13.27	14.31	13.34	14.18	13.04	11.41	12.23	11.51	12.44	11.45	11.94
γ 145.0	14.25	13.38	14.29	13.40	14.18	13.15	11.55	12.33	11.64	12.54	11.55	12.06
γ 146.0	14.24	13.39	14.36	13.53	14.26	13.21	11.71	12.41	11.70	12.56	11.65	12.18
γ 147.0	14.34	13.51	14.44	13.55	14.30	13.30	11.80	12.46	11.84	12.69	11.77	12.25
γ 148.0	14.40	13.58	14.48	13.68	14.35	13.38	11.94	12.58	11.93	12.81	11.86	12.34
γ 149.0	14.40	13.63	14.51	13.71	14.41	13.36	12.05	12.59	12.00	12.85	11.99	12.48
γ 150.0	14.49	13.71	14.56	13.74	14.39	13.45	12.15	12.72	12.10	12.93	12.04	12.55
γ 151.0	14.50	13.76	14.59	13.81	14.42	13.44	12.23	12.82	12.24	13.02	12.16	12.58
γ 152.0	14.52	13.80	14.62	13.88	14.48	13.51	12.35	12.89	12.31	13.10	12.29	12.69
γ 153.0	14.53	13.82	14.66	13.94	14.54	13.54	12.50	12.95	12.46	13.16	12.36	12.79
γ 154.0	14.58	13.88	14.65	13.95	14.55	13.63	12.56	13.04	12.56	13.21	12.44	12.86
γ 155.0	14.65	13.91	14.73	14.00	14.56	13.63	12.68	13.13	12.59	13.26	12.58	12.96
γ 156.0	14.62	13.96	14.74	14.03	14.59	13.72	12.77	13.17	12.70	13.41	12.61	13.00
γ 157.0	14.67	14.06	14.75	14.14	14.60	13.75	12.82	13.30	12.80	13.44	12.70	13.05
γ 158.0	14.67	14.09	14.80	14.08	14.64	13.76	12.95	13.38	12.87	13.50	12.81	13.13
γ 159.0	14.73	14.10	14.82	14.14	14.66	13.77	13.07	13.46	12.98	13.58	12.88	13.21
γ 160.0	14.78	14.22	14.82	14.14	14.69	13.84	13.15	13.54	13.06	13.67	12.94	13.29
γ 161.0	14.72	14.19	14.81	14.20	14.68	13.83	13.23	13.63	13.16	13.72	13.04	13.35
γ 162.0	14.76	14.17	14.85	14.25	14.71	13.90	13.32	13.68	13.18	13.72	13.12	13.41
γ 163.0	14.79	14.24	14.84	14.26	14.69	13.85	13.43	13.79	13.28	13.82	13.19	13.49
γ 164.0	14.80	14.29	14.87	14.21	14.68	13.93	13.49	13.84	13.40	13.94	13.25	13.53
γ 165.0	14.78	14.28	14.90	14.30	14.74	13.89	13.61	13.91	13.41	13.99	13.32	13.61
γ 166.0	14.80	14.30	14.86	14.28	14.71	13.91	13.67	13.99	13.47	14.05	13.41	13.69
γ 167.0	14.76	14.32	14.89	14.31	14.72	13.96	13.77	14.04	13.58	14.08	13.46	13.75
γ 168.0	14.80	14.33	14.87	14.32	14.72	13.99	13.86	14.12	13.64	14.13	13.53	13.85
γ 169.0	14.80	14.34	14.86	14.34	14.74	13.98	13.90	14.16	13.73	14.23	13.59	13.84
γ 170.0	14.77	14.39	14.83	14.37	14.73	14.05	13.95	14.23	13.78	14.24	13.63	13.91
γ 171.0	14.73	14.37	14.85	14.34	14.74	14.05	14.00	14.23	13.79	14.32	13.71	13.95
γ 172.0	14.80	14.33	14.85	14.38	14.72	14.03	14.06	14.36	13.85	14.34	13.77	14.00
γ 173.0	14.80	14.34	14.84	14.45	14.73	14.02	14.12	14.36	13.91	14.40	13.82	14.04
γ 174.0	14.71	14.31	14.82	14.35	14.59	14.04	14.14	14.40	14.01	14.45	13.89	14.06
γ 175.0	14.67	14.39	14.81	14.42	14.64	14.02	14.23	14.43	14.01	14.43	13.89	14.02
γ 176.0	14.65	14.36	14.79	14.41	14.63	14.00	14.31	14.48	14.08	14.47	14.04	14.16
γ 177.0	14.67	14.41	14.76	14.42	14.59	13.97	14.33	14.46	14.13	14.54	14.04	14.13
γ 178.0	14.59	14.34	14.69	14.37	14.57	13.97	14.36	14.57	14.23	14.53	14.09	14.26
γ 179.0	14.56	14.31	14.66	14.31	14.58	13.98	14.43	14.59	14.23	14.54	14.14	14.20
γ 180.0	14.52	14.35	14.59	14.33	14.42	13.95	14.50	14.59	14.32	14.59	14.14	14.22