

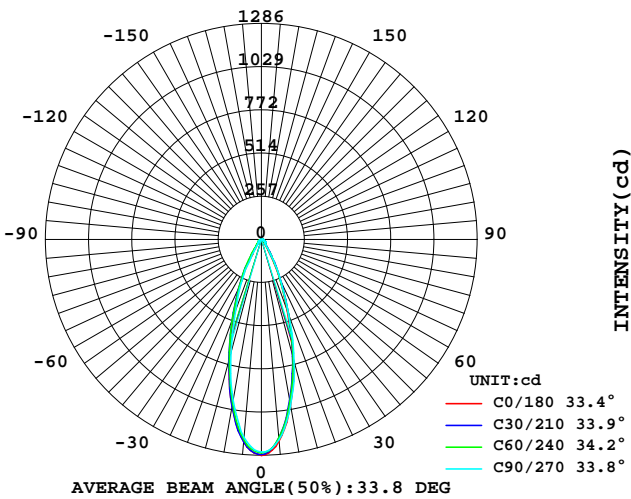
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

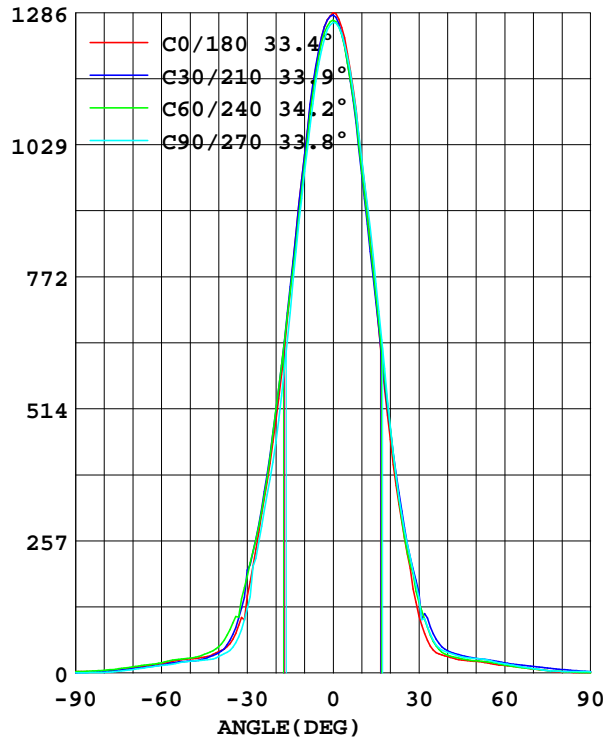
MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1286	S/MH(C0/180)	0.55
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.54
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	573.2	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	65.2	Current(A)	0.075
NOMINAL FLUX(lm)	573.2	h up(%)	1.7	Power(W)	8.790
LAMPS QUANTITY	1	h down(%)	98.3	Power Factor(PF)	0.966
TEST VOLTAGE(V)	120.7	Effective Flux(lm)	573.2	EEL	0.179

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



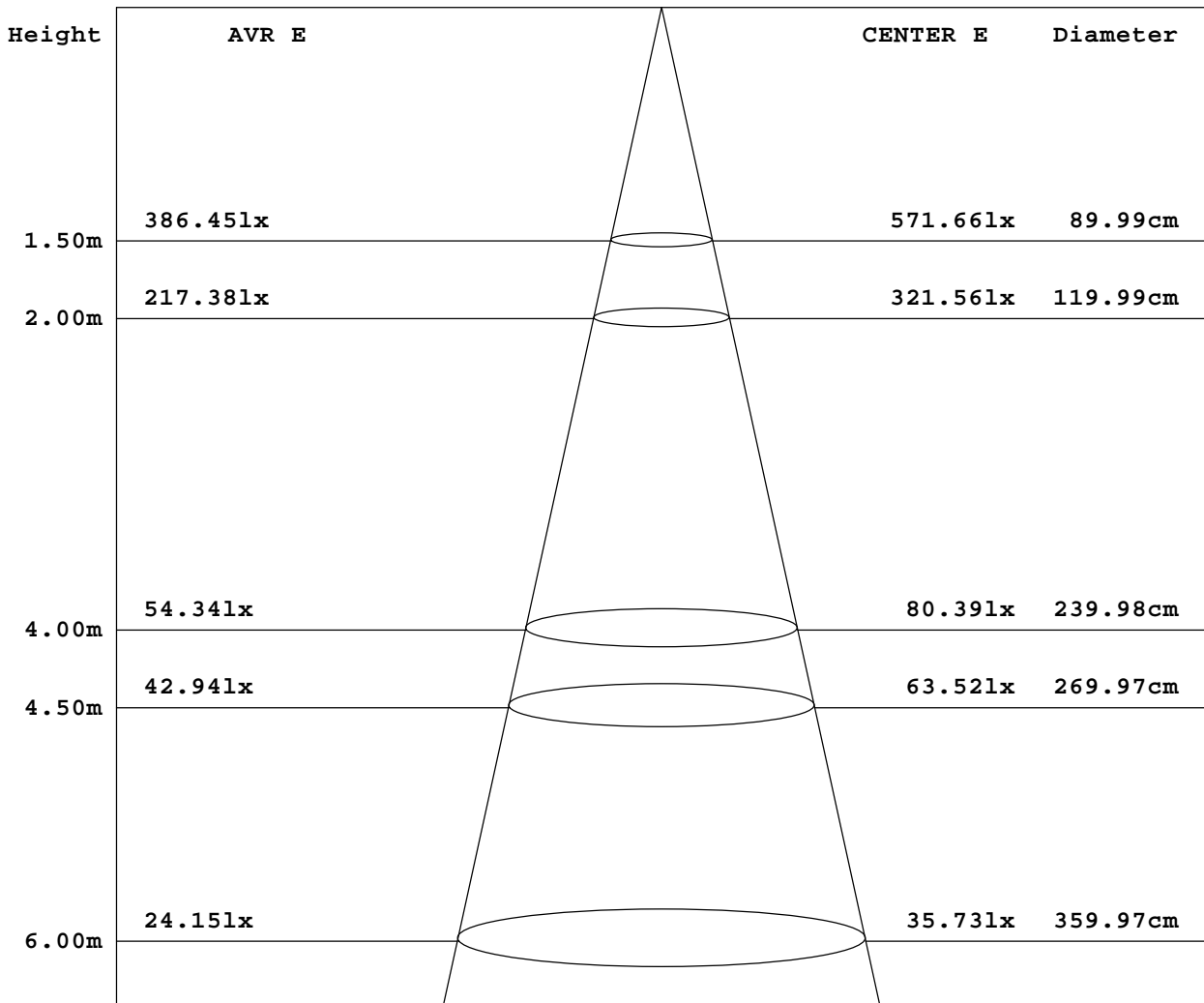
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Angle: 33.4deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024/01/18

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 5.900 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tBtal
5.0	1210	1206	1186	1200	1206	1188	1199	1198	0- 5	29.59	29.59
10.0	1008	1001	976.3	1000	1000	977.2	1005	1002	5- 10	78.29	107.8
15.0	740.8	747.3	701.7	741.5	730.4	727.4	757.7	750.3	10- 15	102.2	210.1
20.0	490.5	510.4	447.2	498.1	454.7	475.0	479.0	509.4	15- 20	99.60	309.7
25.0	310.2	318.3	286.1	315.5	262.5	274.1	277.7	316.4	20- 25	80.52	390.2
30.0	149.7	194.6	124.9	179.2	112.1	147.7	147.3	181.0	25- 30	57.28	447.5
35.0	65.65	86.08	50.23	85.11	44.80	68.76	63.91	88.33	30- 35	31.97	479.5
40.0	41.28	44.92	32.02	43.96	31.95	38.83	40.10	44.20	35- 40	17.82	497.3
45.0	30.87	32.00	25.09	31.86	24.95	31.01	31.50	32.59	40- 45	12.98	510.3
50.0	27.49	26.12	22.87	26.02	22.55	26.12	28.23	25.95	45- 50	11.21	521.5
55.0	23.84	23.23	18.44	22.57	18.48	22.76	23.94	22.90	50- 55	10.52	532.0
60.0	18.55	17.56	14.79	17.19	14.65	17.66	17.96	18.08	55- 60	9.127	541.1
65.0	13.88	13.81	10.75	13.76	11.55	13.62	13.01	13.80	60- 65	7.362	548.5
70.0	9.398	10.09	6.683	10.23	7.832	10.32	8.528	10.28	65- 70	5.763	554.3
75.0	5.465	6.683	3.306	6.892	4.386	7.310	4.734	7.223	70- 75	4.071	558.3
80.0	3.202	4.107	1.218	4.351	1.775	4.786	3.098	4.768	75- 80	2.603	560.9
85.0	2.749	2.436	0.661	2.575	1.009	2.889	2.680	2.924	80- 85	1.650	562.6
90.0	2.541	1.531	0.522	1.549	0.940	1.636	2.436	1.618	85- 90	1.056	563.6
95.0	2.367	1.444	0.522	1.427	0.940	1.514	2.262	1.496	90- 95	0.840	564.5
100.0	2.193	1.357	0.557	1.357	0.975	1.444	2.123	1.409	95-100	0.787	565.3
105.0	2.053	1.322	0.557	1.270	0.975	1.357	1.984	1.340	100-105	0.739	566.0
110.0	1.949	1.270	0.592	1.235	1.009	1.322	1.879	1.287	105-110	0.692	566.7
115.0	1.879	1.235	0.627	1.200	1.009	1.270	1.775	1.235	110-115	0.650	567.3
120.0	1.810	1.200	0.627	1.183	1.044	1.218	1.670	1.183	115-120	0.606	568.0
125.0	1.740	1.183	0.696	1.166	1.079	1.200	1.601	1.166	120-125	0.565	568.5
130.0	1.670	1.200	0.731	1.183	1.148	1.200	1.566	1.183	125-130	0.528	569.0
135.0	1.670	1.253	0.835	1.235	1.218	1.270	1.566	1.235	130-135	0.502	569.5
140.0	1.775	1.357	1.009	1.357	1.427	1.357	1.636	1.340	135-140	0.491	570.0
145.0	1.914	1.549	1.253	1.531	1.670	1.531	1.775	1.531	140-145	0.491	570.5
150.0	2.123	1.792	1.531	1.775	1.949	1.792	1.984	1.775	145-150	0.498	571.0
155.0	2.436	2.088	1.879	2.088	2.332	2.106	2.262	2.088	150-155	0.500	571.5
160.0	2.749	2.436	2.262	2.436	2.715	2.454	2.575	2.419	155-160	0.484	572.0
165.0	3.063	2.784	2.610	2.767	3.098	2.784	2.924	2.767	160-165	0.436	572.4
170.0	3.341	3.045	2.889	3.011	3.446	3.063	3.202	3.028	165-170	0.351	572.8
175.0	3.515	3.237	3.098	3.341	3.655	3.254	3.376	3.202	170-175	0.228	573.0
180.0	3.759	3.289	3.446	3.254	3.759	3.289	3.446	3.254	175-180	0.080	573.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

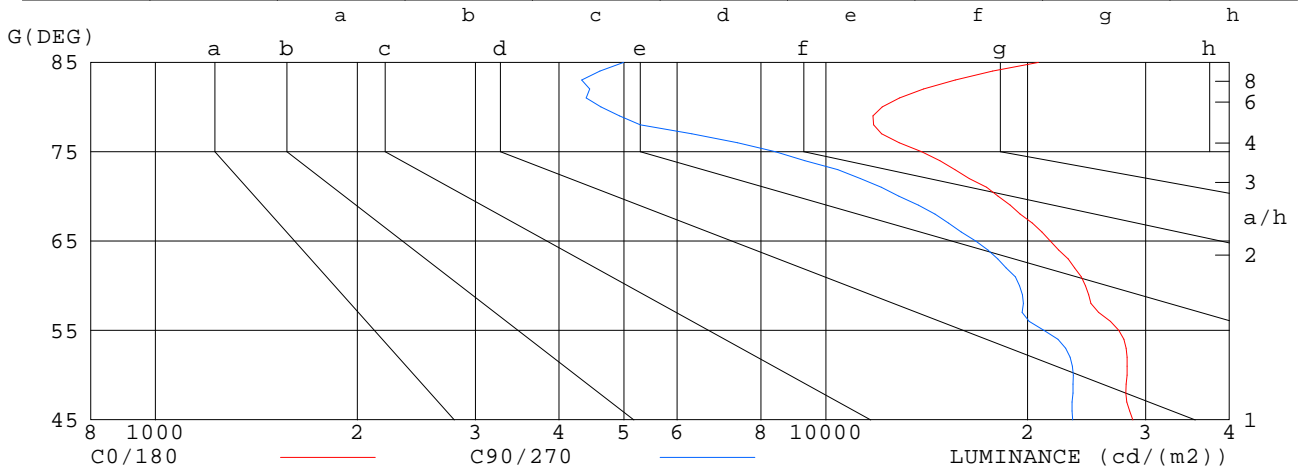
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300	<=300	500	<=300	<=300
1.15	A	2000	1000	500	<=300	<=300			
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	20758	4992
80	12133	4616
75	13892	8406
70	18079	12856
65	21621	16744
60	24413	19466
55	27350	21161
50	28146	23408
45	28728	23351

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/18

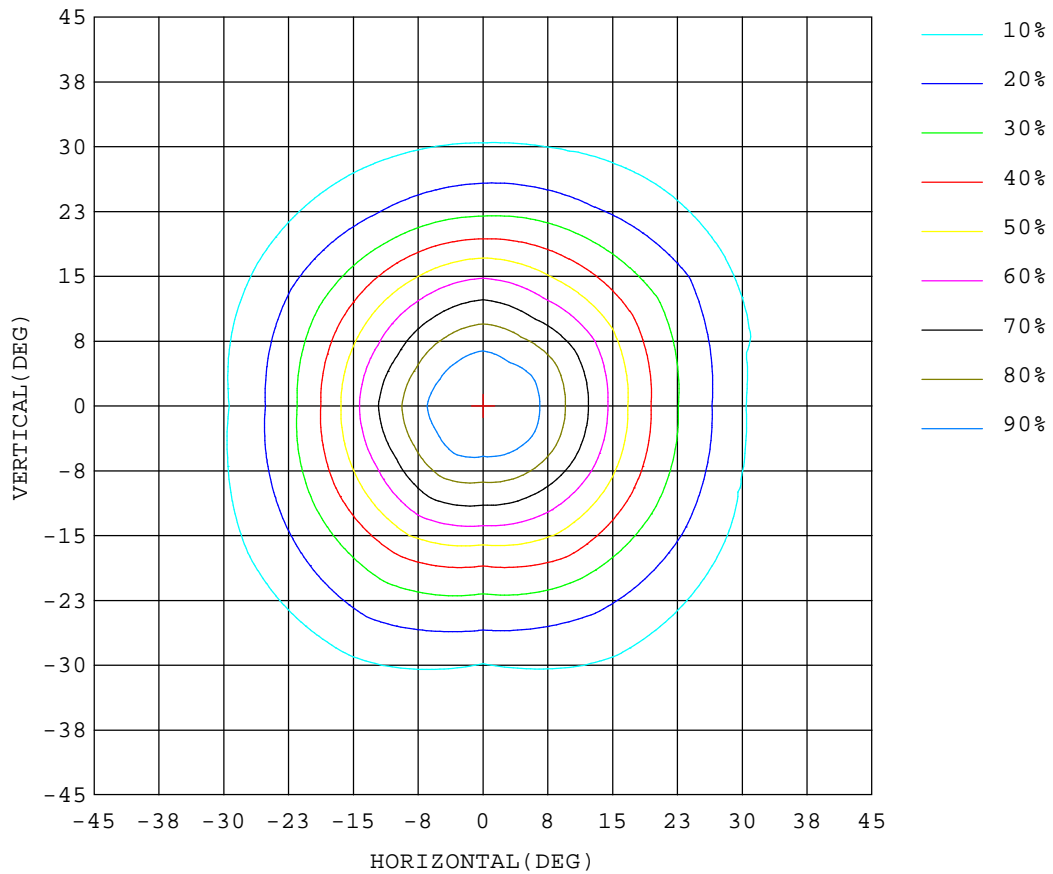
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

UNIT: cd



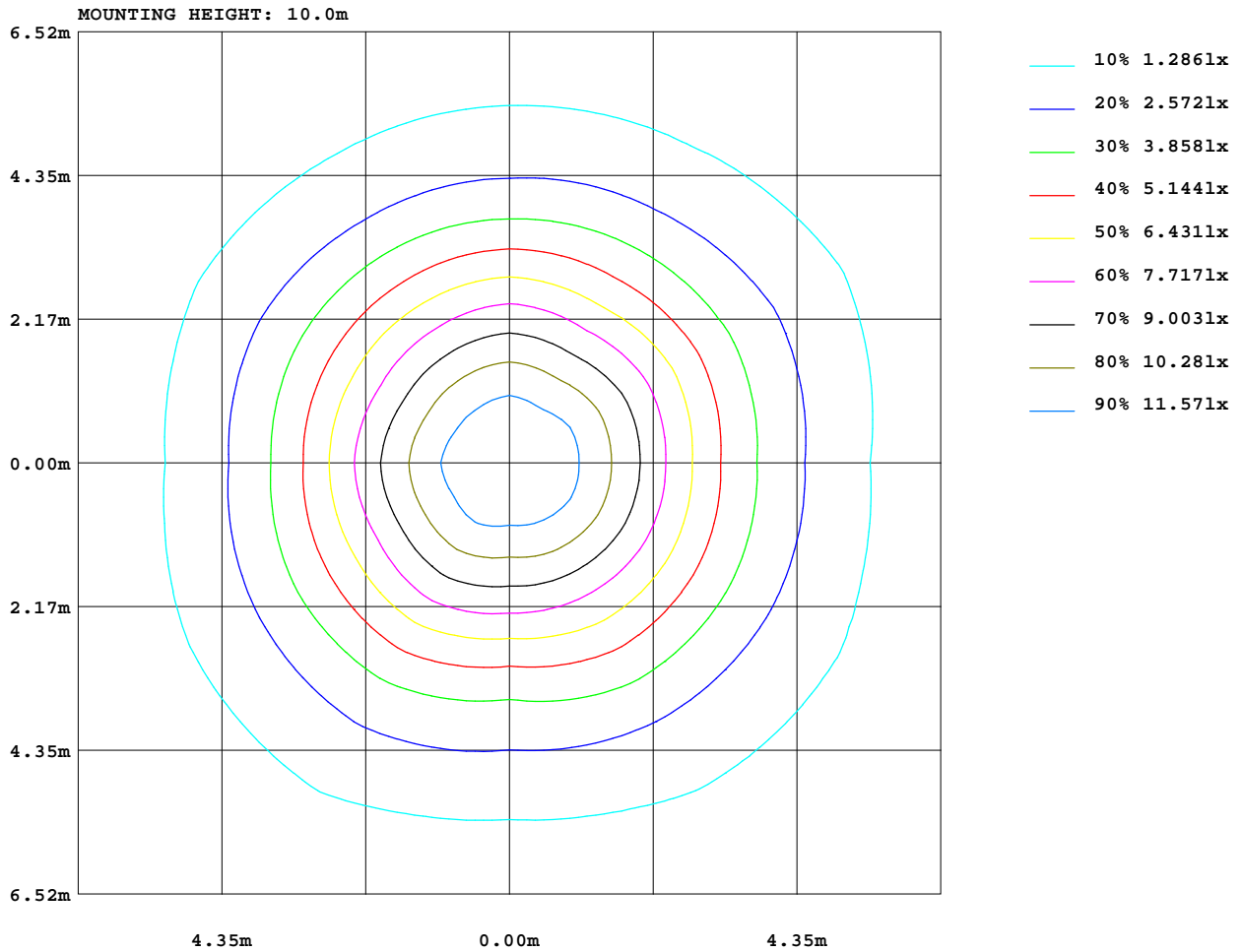
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/18

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/18

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45	
45	0.12	0.14	0.16	0.17	0.18	0.20	0.23	0.25	0.27	0.27	0.26	0.24	0.21	0.19	0.17	0.16	0.14	0.13	3.48	3.48
40	0.14	0.16	0.18	0.20	0.22	0.25	0.29	0.33	0.36	0.37	0.35	0.31	0.27	0.24	0.21	0.18	0.16	0.14	4.36	4.36
35	0.15	0.18	0.21	0.24	0.29	0.38	0.52	0.65	0.72	0.74	0.70	0.59	0.45	0.34	0.27	0.22	0.18	0.15	6.96	6.96
30	0.16	0.20	0.25	0.32	0.49	0.75	1.05	1.36	1.56	1.60	1.45	1.19	0.89	0.60	0.39	0.28	0.21	0.17	12.9	12.9
25	0.17	0.22	0.31	0.51	0.84	1.35	1.87	2.39	2.73	2.78	2.54	2.07	1.59	1.06	0.64	0.37	0.24	0.18	21.8	21.8
20	0.17	0.23	0.39	0.74	1.35	2.11	3.04	3.96	4.57	4.60	4.07	3.29	2.43	1.69	0.96	0.50	0.27	0.19	34.6	34.6
15	0.17	0.24	0.46	0.97	1.86	2.99	4.37	5.68	6.54	6.54	5.72	4.60	3.34	2.24	1.28	0.59	0.30	0.20	48.1	48.1
10	0.17	0.25	0.49	1.16	2.24	3.73	5.51	7.12	8.20	8.20	7.29	5.82	4.06	2.60	1.47	0.65	0.32	0.20	59.5	59.5
5	0.16	0.23	0.49	1.25	2.45	4.17	6.29	8.11	9.28	9.31	8.28	6.45	4.40	2.77	1.54	0.65	0.32	0.20	66.4	66.4
0	0.16	0.23	0.50	1.27	2.47	4.20	6.31	8.18	9.31	9.34	8.28	6.42	4.37	2.75	1.52	0.64	0.30	0.20	66.5	66.5
-5	0.16	0.24	0.50	1.22	2.32	3.83	5.59	7.27	8.21	8.17	7.29	5.72	3.98	2.53	1.41	0.60	0.29	0.19	59.5	59.5
-10	0.16	0.23	0.45	1.05	1.98	3.16	4.53	5.82	6.41	6.35	5.73	4.58	3.27	2.12	1.18	0.51	0.26	0.18	48.0	48.0
-15	0.15	0.21	0.37	0.81	1.54	2.39	3.33	4.09	4.36	4.35	4.08	3.33	2.42	1.63	0.85	0.39	0.23	0.16	34.7	34.7
-20	0.14	0.19	0.29	0.55	1.02	1.69	2.31	2.68	2.80	2.78	2.62	2.21	1.68	1.06	0.55	0.29	0.20	0.15	23.2	23.2
-25	0.13	0.17	0.24	0.36	0.62	0.99	1.37	1.57	1.62	1.60	1.53	1.34	0.99	0.63	0.37	0.24	0.17	0.14	14.1	14.1
-30	0.12	0.16	0.20	0.27	0.38	0.56	0.65	0.70	0.67	0.67	0.70	0.66	0.57	0.39	0.27	0.20	0.15	0.13	7.46	7.46
-35	0.12	0.15	0.18	0.22	0.28	0.33	0.36	0.36	0.33	0.33	0.37	0.37	0.34	0.28	0.22	0.18	0.15	0.12	4.65	4.65
-40	0.11	0.14	0.16	0.19	0.22	0.24	0.24	0.24	0.22	0.22	0.24	0.25	0.25	0.22	0.19	0.16	0.14	0.11	3.54	3.54
-45																				
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φ t	2.66	3.57	5.81	11.5	20.8	33.3	47.9	60.8	68.2	68.2	61.5	49.4	35.5	23.3	13.5	6.82	4.04	2.92	573	
Φ a	2.66	3.57	5.81	11.5	20.8	33.3	47.9	60.8	68.2	68.2	61.5	49.4	35.5	23.3	13.5	6.82	4.04	2.92		573

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

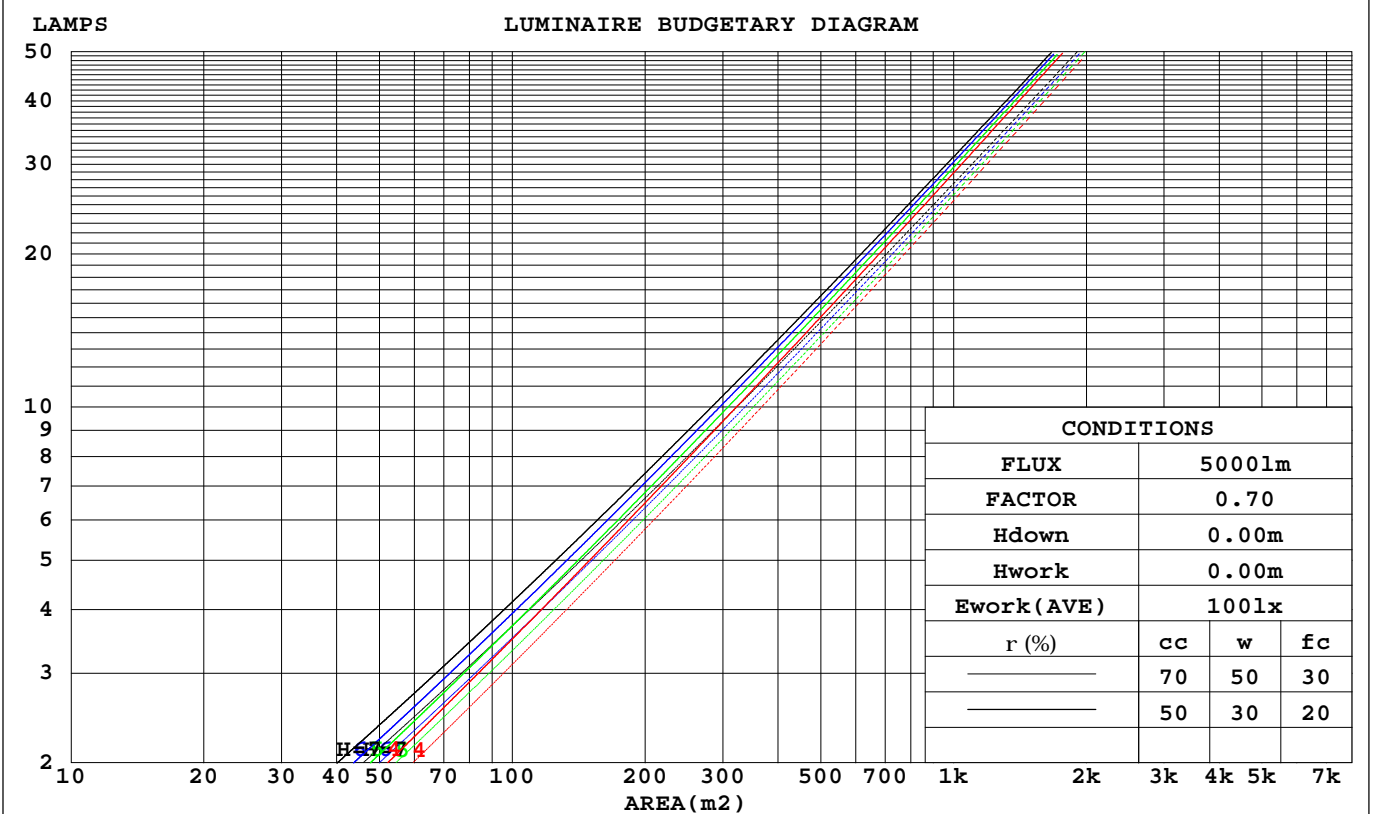
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000		DIMENSION:
			SERIAL No.:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.10	1.08	1.05	1.08	1.06	1.04	1.03	1.02	1.00	.99	.98	.97	.96	.95	.94	.92
2.0	1.03	.99	.95	1.01	.97	.94	.97	.94	.92	.94	.92	.90	.91	.89	.87	.86
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.89	.86	.84	.87	.84	.82	.80
4.0	.91	.85	.81	.89	.84	.81	.87	.83	.79	.85	.81	.78	.83	.80	.77	.76
5.0	.86	.80	.76	.85	.79	.76	.83	.78	.75	.81	.77	.74	.79	.76	.73	.72
6.0	.81	.76	.72	.80	.75	.71	.79	.74	.71	.77	.73	.70	.76	.72	.69	.68
7.0	.77	.72	.68	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.65
8.0	.74	.68	.64	.73	.68	.64	.72	.67	.64	.71	.66	.63	.70	.66	.63	.62
9.0	.70	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.59
10.0	.67	.62	.59	.67	.62	.59	.66	.61	.58	.65	.61	.58	.64	.61	.58	.57



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

WEC AND CCEC

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.182	.103	.033	.175	.100	.032	.161	.092	.030	.149	.086	.028	.137	.080	.026	
2.0	.170	.093	.029	.164	.091	.028	.153	.085	.026	.142	.080	.025	.133	.075	.024	
3.0	.160	.085	.025	.154	.083	.025	.144	.078	.024	.135	.074	.023	.127	.070	.022	
4.0	.150	.078	.023	.145	.076	.022	.137	.072	.022	.129	.069	.021	.121	.066	.020	
5.0	.141	.072	.021	.137	.070	.020	.129	.067	.020	.122	.065	.019	.116	.062	.019	
6.0	.133	.067	.019	.129	.065	.019	.123	.063	.018	.117	.061	.018	.111	.058	.017	
7.0	.126	.062	.018	.123	.061	.017	.117	.059	.017	.112	.057	.017	.107	.055	.016	
8.0	.120	.058	.016	.117	.058	.016	.112	.056	.016	.107	.054	.016	.102	.052	.015	
9.0	.114	.055	.015	.111	.054	.015	.107	.053	.015	.102	.051	.015	.098	.050	.014	
10.0	.109	.052	.014	.106	.051	.014	.102	.050	.014	.098	.049	.014	.095	.048	.014	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.203	.203	.203	.174	.174	.174	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.184	.170	.157	.158	.146	.135	.108	.100	.094	.062	.058	.054	.020	.019	.018	
2.0	.169	.145	.125	.145	.125	.108	.099	.087	.076	.057	.050	.044	.018	.016	.014	
3.0	.156	.126	.103	.134	.109	.089	.092	.076	.062	.053	.044	.037	.017	.014	.012	
4.0	.145	.112	.086	.125	.096	.075	.086	.067	.053	.050	.039	.031	.016	.013	.010	
5.0	.136	.100	.073	.117	.086	.064	.080	.060	.045	.047	.035	.027	.015	.012	.009	
6.0	.128	.091	.064	.110	.078	.056	.076	.055	.039	.044	.032	.023	.014	.011	.008	
7.0	.121	.083	.056	.104	.072	.049	.072	.050	.035	.042	.030	.021	.013	.010	.007	
8.0	.115	.076	.050	.099	.066	.044	.068	.047	.031	.040	.027	.018	.013	.009	.006	
9.0	.109	.071	.045	.094	.062	.040	.065	.043	.028	.038	.026	.017	.012	.008	.006	
10.0	.104	.067	.041	.090	.058	.036	.062	.041	.026	.036	.024	.015	.012	.008	.005	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

UGR Table

Report number:

MANUFACTURER:										
Address:										
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH						TYPE:			WEIGHT:	
SPECIFICATION:			CCT(K): 3000			DIMENSION:			SERIAL No.:	
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	19.3	20.1	19.5	20.3	20.5	19.4	20.3	19.7	20.5	20.7
3H	20.2	21.0	20.5	21.2	21.4	20.3	21.1	20.5	21.3	21.5
4H	20.5	21.2	20.8	21.5	21.7	20.5	21.2	20.8	21.5	21.7
6H	20.6	21.3	20.9	21.6	21.9	20.5	21.2	20.8	21.5	21.8
8H	20.7	21.4	21.0	21.7	22.0	20.5	21.2	20.8	21.5	21.8
12H	20.8	21.5	21.2	21.8	22.1	20.5	21.1	20.8	21.4	21.7
4H 2H	19.7	20.5	20.0	20.7	21.0	19.9	20.7	20.2	20.9	21.2
3H	20.7	21.4	21.1	21.7	22.0	21.0	21.7	21.4	22.0	22.3
4H	21.1	21.7	21.5	22.0	22.4	21.4	22.0	21.8	22.3	22.7
6H	21.3	21.9	21.7	22.2	22.6	21.6	22.1	22.0	22.5	22.8
8H	21.4	21.9	21.9	22.3	22.7	21.6	22.1	22.0	22.5	22.9
12H	21.6	22.1	22.1	22.5	22.9	21.6	22.1	22.0	22.5	22.9
8H 4H	21.3	21.8	21.7	22.2	22.6	21.6	22.1	22.0	22.5	22.9
6H	21.6	22.0	22.0	22.4	22.9	22.0	22.4	22.4	22.8	23.3
8H	21.8	22.1	22.2	22.6	23.1	22.1	22.5	22.6	22.9	23.4
12H	22.0	22.4	22.5	22.8	23.3	22.2	22.6	22.7	23.0	23.5
12H 4H	21.3	21.8	21.7	22.2	22.6	21.6	22.0	22.0	22.4	22.8
6H	21.7	22.0	22.1	22.5	22.9	22.0	22.4	22.5	22.8	23.3
8H	21.9	22.2	22.4	22.6	23.2	22.2	22.5	22.7	23.0	23.5
Variations with the observer position at spacings:										
s = 1.0H	+ 0.3 / - 0.4					+ 0.4 / - 0.5				
1.5H	+ 0.3 / - 0.3					+ 0.5 / - 0.7				
2.0H	+ 0.6 / - 0.7					+ 0.4 / - 0.9				

CIE Pub.117 Corrected 573.1 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.9)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	83	76	72	83	76	72	82	76	72	68
0.80	91	84	80	90	84	80	89	83	80	75
1.00	96	89	85	95	89	85	93	89	84	80
1.25	100	94	90	99	93	90	97	92	89	84
1.50	103	98	94	102	97	93	99	95	92	87
2.00	106	101	98	105	100	97	102	98	95	89
2.50	108	104	100	106	102	99	103	100	97	91
3.00	110	106	103	108	104	102	104	102	99	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	105	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

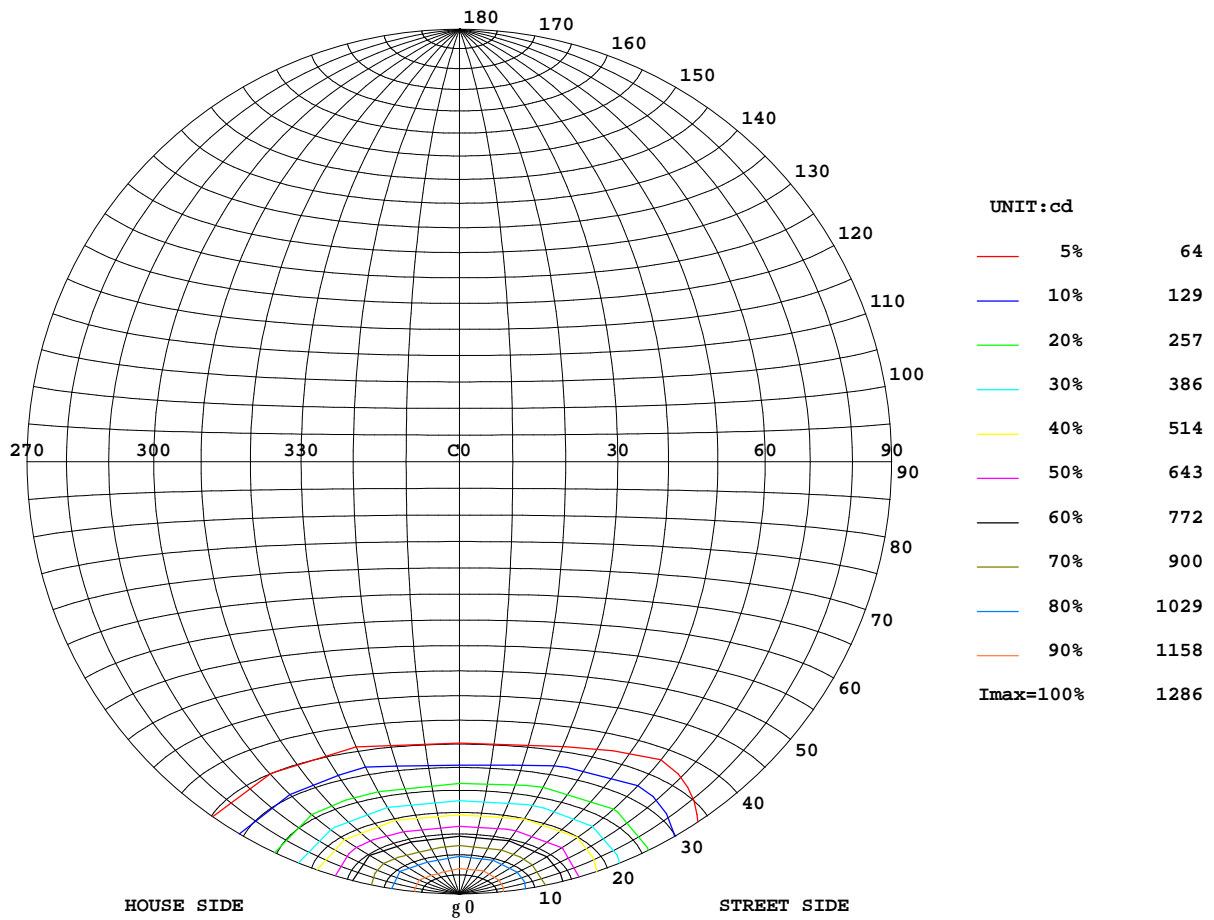
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/18

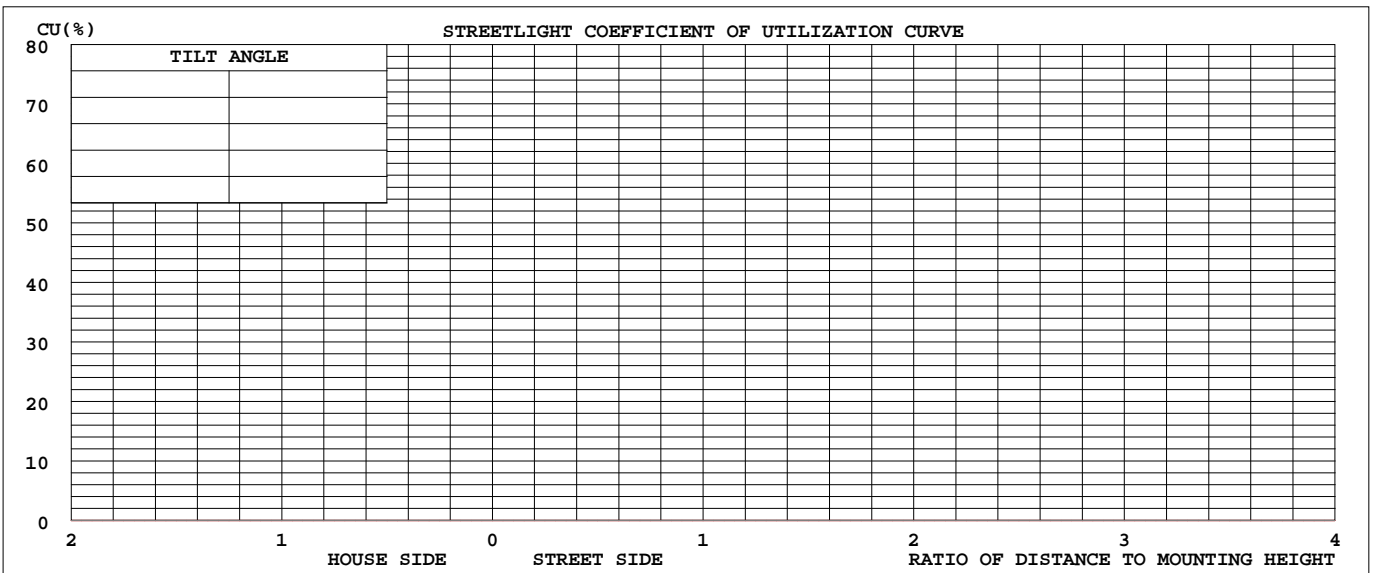
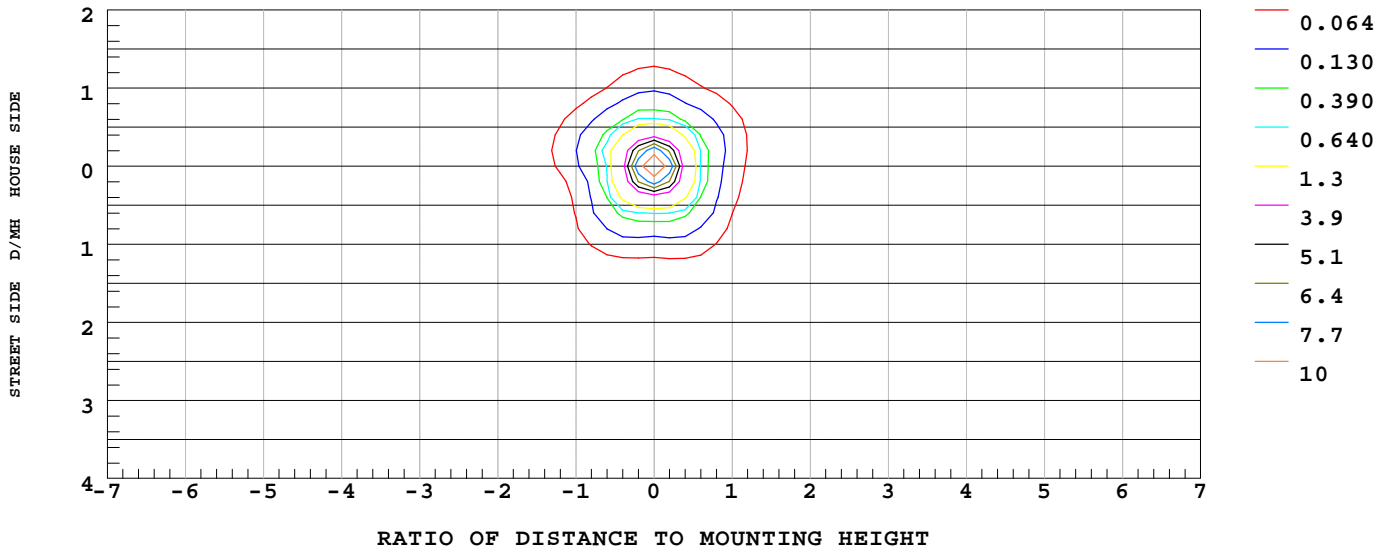
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 12.86 lx



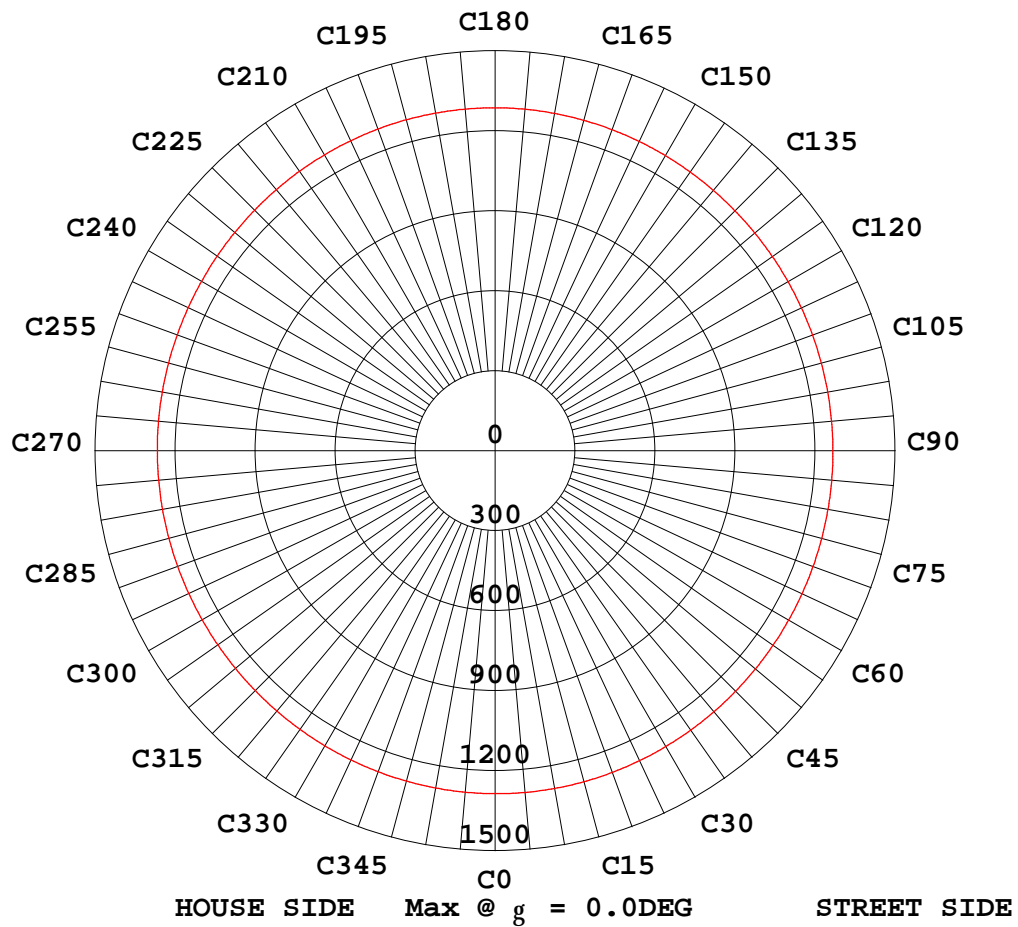
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1286	1281	1271	1267	1269	1278	1286	1281	1271	1267	1269	1278
5.0	1210	1213	1200	1186	1206	1193	1206	1188	1188	1199	1186	1210
10.0	1008	1010	992	976	1009	991	1000	973	981	1005	988	1016
15.0	741	752	743	702	754	729	730	722	733	758	732	768
20.0	491	509	511	447	505	492	455	474	476	479	497	522
25.0	310	321	316	286	329	302	263	283	265	278	294	339
30.0	150	201	189	125	194	165	112	157	139	147	158	204
35.0	65.6	74.8	97.3	50.2	95.4	74.8	44.8	76.1	61.3	63.9	75.1	102
40.0	41.2	38.8	50.9	32.0	49.5	38.3	31.9	43.0	34.6	40.1	38.2	50.1
45.0	30.8	27.8	36.1	25.0	34.6	29.1	24.9	34.2	27.8	31.5	28.9	36.2
50.0	27.4	23.1	29.1	22.8	29.1	22.8	22.5	28.5	23.7	28.2	23.2	28.6
55.0	23.8	20.5	25.8	18.4	25.7	19.3	18.4	24.8	20.7	23.9	20.5	25.2
60.0	18.5	15.2	19.9	14.7	20.0	14.3	14.6	19.8	15.5	17.9	15.6	20.5
65.0	13.8	11.6	15.9	10.7	16.1	11.3	11.5	16.0	11.2	13.0	11.6	15.9
70.0	9.39	8.21	11.9	6.68	12.4	8.04	7.83	12.8	7.76	8.52	8.49	12.0
75.0	5.46	5.22	8.14	3.30	9.12	4.66	4.38	9.74	4.87	4.73	5.74	8.70
80.0	3.20	2.95	5.25	1.21	6.33	2.36	1.77	6.82	2.74	3.09	3.51	6.02
85.0	2.74	1.42	3.44	0.66	4.10	1.04	1.00	4.38	1.39	2.68	1.77	4.07
90.0	2.54	0.56	2.50	0.52	2.57	0.52	0.94	2.68	0.59	2.43	0.56	2.68
95.0	2.36	0.59	2.29	0.52	2.33	0.52	0.94	2.43	0.59	2.26	0.59	2.40
100.0	2.19	0.59	2.12	0.56	2.15	0.56	0.97	2.26	0.63	2.12	0.59	2.22
105.0	2.05	0.63	2.01	0.56	1.98	0.56	0.97	2.08	0.63	1.98	0.59	2.08
110.0	1.94	0.66	1.87	0.59	1.87	0.59	1.00	1.98	0.66	1.87	0.63	1.94
115.0	1.87	0.66	1.81	0.63	1.77	0.63	1.00	1.87	0.66	1.77	0.63	1.84
120.0	1.81	0.70	1.70	0.63	1.70	0.66	1.04	1.77	0.66	1.67	0.63	1.74
125.0	1.74	0.73	1.63	0.70	1.63	0.70	1.07	1.70	0.70	1.60	0.66	1.67
130.0	1.67	0.80	1.60	0.73	1.60	0.77	1.14	1.63	0.77	1.56	0.73	1.63
135.0	1.67	0.91	1.60	0.84	1.60	0.87	1.21	1.67	0.87	1.56	0.84	1.63
140.0	1.77	1.04	1.67	1.00	1.67	1.04	1.42	1.70	1.00	1.63	0.97	1.70
145.0	1.91	1.28	1.81	1.25	1.81	1.25	1.67	1.84	1.21	1.77	1.21	1.84
150.0	2.12	1.56	2.01	1.53	2.01	1.53	1.94	2.08	1.49	1.98	1.49	2.05
155.0	2.43	1.87	2.29	1.87	2.29	1.87	2.33	2.36	1.84	2.26	1.84	2.33
160.0	2.74	2.26	2.61	2.26	2.57	2.29	2.71	2.68	2.22	2.57	2.22	2.61
165.0	3.06	2.64	2.92	2.61	2.88	2.64	3.09	2.99	2.57	2.92	2.57	2.95
170.0	3.34	2.92	3.16	2.88	3.13	2.88	3.44	3.27	2.85	3.20	2.85	3.20
175.0	3.51	3.13	3.34	3.09	3.30	3.37	3.65	3.44	3.06	3.37	3.02	3.37
180.0	3.75	3.44	3.13	3.44	3.06	3.44	3.75	3.44	3.13	3.44	3.06	3.44

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

Test Set: 5.0deg/s C-Gamma (TYPE C)
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 Remarks: