

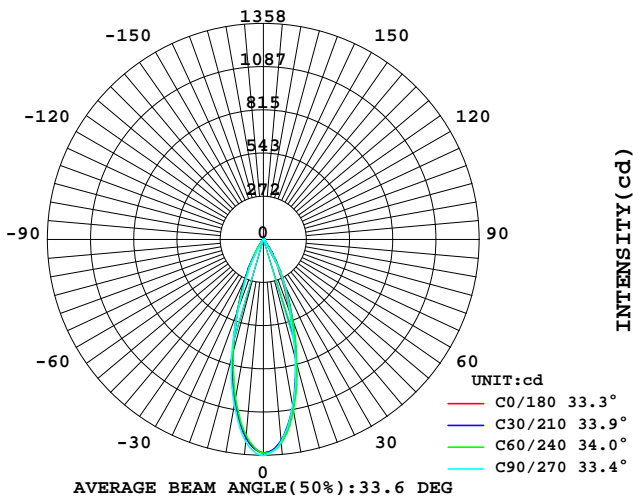
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

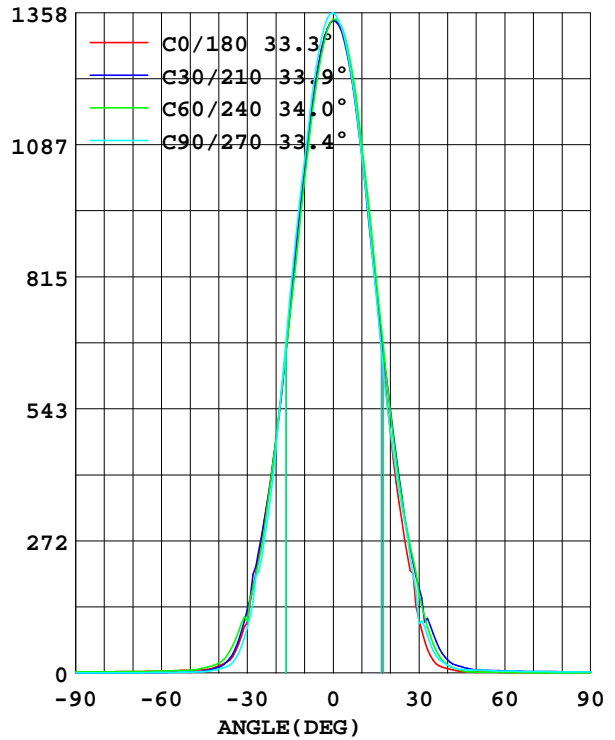
MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1369	S/MH(C0/180)	0.54
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.54
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	522.7	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	60.9	Current(A)	0.073
NOMINAL FLUX(lm)	522.7	h up(%)	1.7	Power(W)	8.590
LAMPS QUANTITY	1	h down(%)	98.3	Power Factor(PF)	0.968
TEST VOLTAGE(V)	120.7	Effective Flux(lm)	522.7	EEL	0.188

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



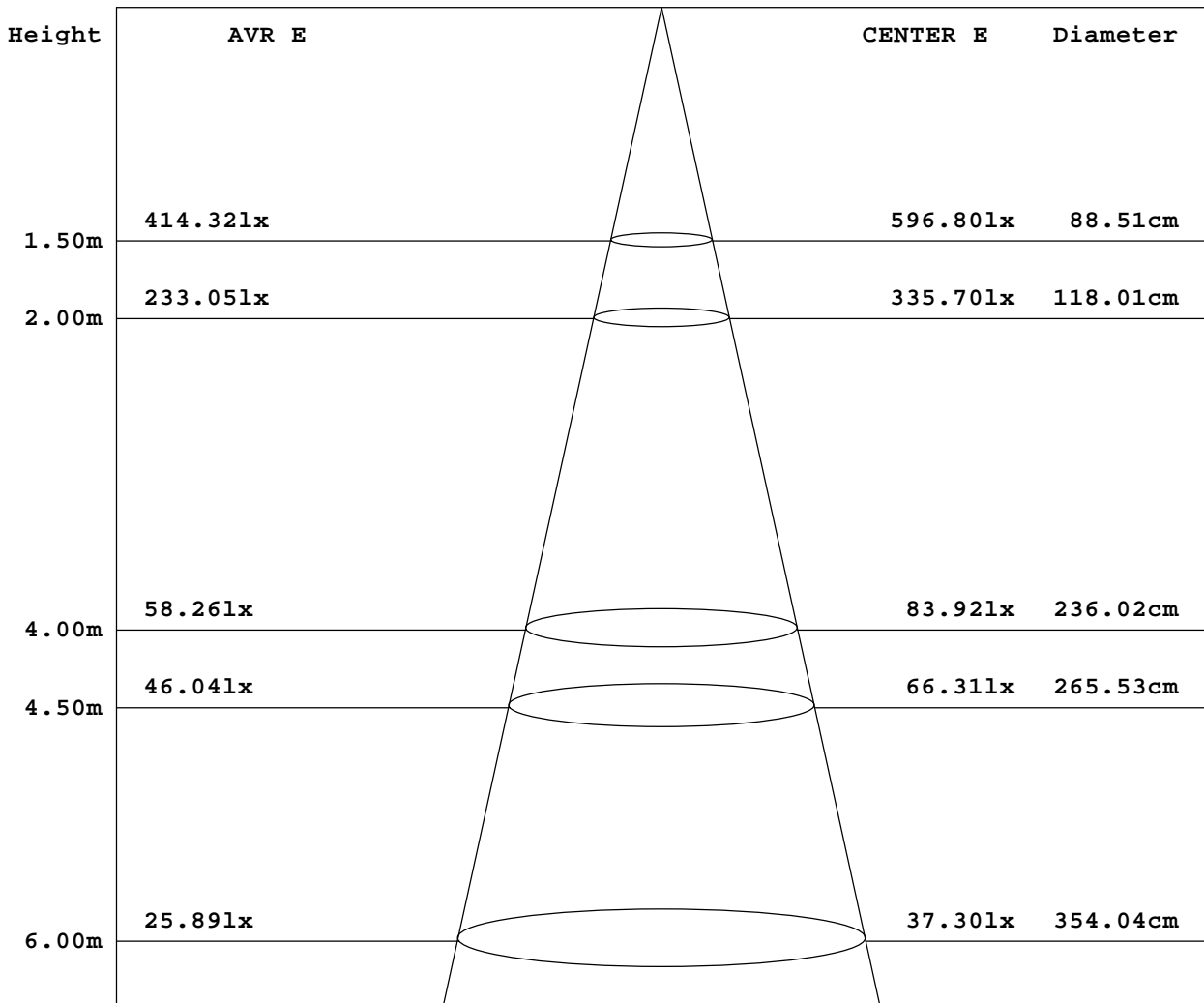
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024/01/26

Test Set: 5.0 deg/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-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:



Angle: 32.9deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024/01/26

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-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tBtal
5.0	1252	1247	1277	1277	1278	1280	1277	1290	0- 5	31.37	31.37
10.0	1034	1022	1056	1061	1075	1079	1065	1084	5- 10	83.20	114.5
15.0	742.3	743.6	778.4	783.8	795.4	803.0	782.5	806.0	10- 15	108.6	223.1
20.0	474.4	477.0	457.2	502.9	495.9	539.1	496.5	546.5	15- 20	104.4	327.5
25.0	277.9	271.3	236.4	277.7	276.6	322.2	313.2	334.8	20- 25	81.55	409.1
30.0	103.8	118.1	93.29	138.1	111.8	170.8	100.7	183.1	25- 30	54.08	463.2
35.0	34.07	48.22	21.89	49.60	26.21	70.05	44.83	74.58	30- 35	26.22	489.4
40.0	14.58	15.94	8.284	15.33	8.946	21.26	16.43	22.38	35- 40	9.916	499.3
45.0	7.136	7.344	2.749	7.536	2.993	8.789	7.275	8.667	40- 45	4.063	503.4
50.0	5.708	3.742	1.810	3.881	2.088	4.124	5.743	3.968	45- 50	2.048	505.4
55.0	4.908	3.115	1.253	3.098	1.705	3.568	5.082	3.672	50- 55	1.557	507.0
60.0	3.759	2.262	0.801	2.332	1.113	2.558	3.689	2.419	55- 60	1.313	508.3
65.0	3.306	1.949	0.661	1.966	1.009	2.036	3.202	2.001	60- 65	1.047	509.4
70.0	2.958	1.740	0.592	1.740	0.940	1.844	2.889	1.827	65- 70	0.964	510.3
75.0	2.680	1.601	0.522	1.601	0.905	1.705	2.645	1.670	70- 75	0.906	511.2
80.0	2.471	1.496	0.522	1.479	0.905	1.583	2.436	1.583	75- 80	0.859	512.1
85.0	2.297	1.409	0.557	1.392	0.870	1.514	2.297	1.479	80- 85	0.821	512.9
90.0	2.158	1.340	0.557	1.322	0.870	1.427	2.158	1.409	85- 90	0.785	513.7
95.0	2.053	1.287	0.592	1.253	0.905	1.392	2.053	1.357	90- 95	0.752	514.4
100.0	1.949	1.235	0.592	1.218	0.940	1.322	1.949	1.305	95-100	0.719	515.2
105.0	1.844	1.200	0.592	1.166	0.905	1.270	1.844	1.253	100-105	0.681	515.8
110.0	1.775	1.166	0.627	1.148	0.940	1.235	1.740	1.200	105-110	0.644	516.5
115.0	1.705	1.148	0.627	1.131	0.940	1.183	1.636	1.148	110-115	0.603	517.1
120.0	1.636	1.131	0.661	1.096	0.940	1.148	1.566	1.096	115-120	0.563	517.7
125.0	1.566	1.096	0.696	1.096	0.975	1.131	1.496	1.096	120-125	0.525	518.2
130.0	1.531	1.131	0.731	1.113	1.009	1.113	1.427	1.096	125-130	0.491	518.7
135.0	1.566	1.200	0.835	1.183	1.113	1.148	1.427	1.131	130-135	0.468	519.1
140.0	1.636	1.340	1.009	1.322	1.287	1.253	1.496	1.235	135-140	0.462	519.6
145.0	1.844	1.549	1.287	1.549	1.531	1.427	1.670	1.444	140-145	0.470	520.1
150.0	2.088	1.844	1.601	1.827	1.844	1.688	1.914	1.723	145-150	0.485	520.6
155.0	2.401	2.210	1.984	2.175	2.227	2.018	2.227	2.071	150-155	0.497	521.1
160.0	2.749	2.558	2.367	2.541	2.645	2.401	2.610	2.436	155-160	0.489	521.5
165.0	3.132	2.924	2.784	2.906	3.028	2.749	2.958	2.819	160-165	0.446	522.0
170.0	3.411	3.219	3.063	3.219	3.376	3.063	3.306	3.115	165-170	0.361	522.3
175.0	3.620	3.219	3.515	3.359	3.620	3.289	3.515	3.359	170-175	0.236	522.6
180.0	3.759	3.411	3.585	3.428	3.759	3.411	3.585	3.428	175-180	0.082	522.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

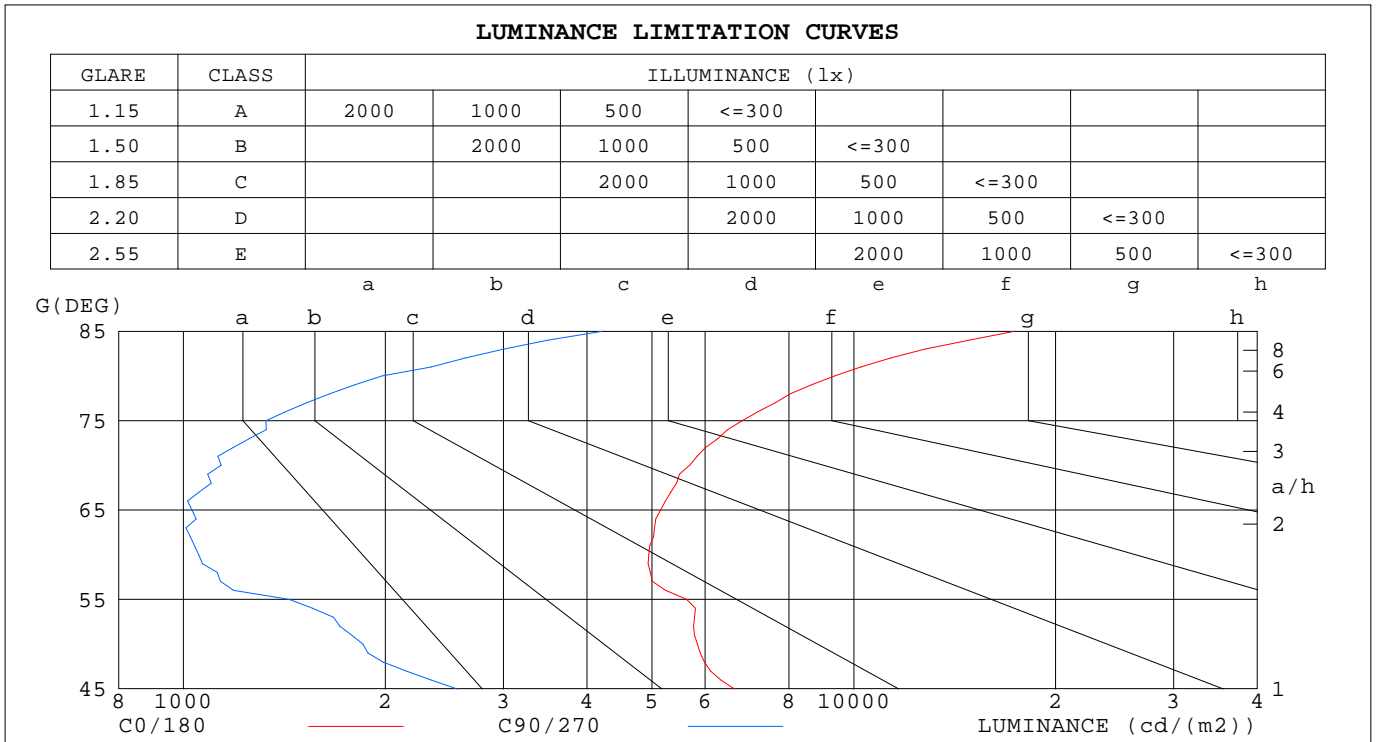
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:



LUMINANCE cd/m ²		
G (DEG)	C0/180	C90/270
85	17342	4204
80	9364	1978
75	6813	1327
70	5692	1138
65	5148	1030
60	4947	1053
55	5630	1437
50	5843	1853
45	6639	2559

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/26

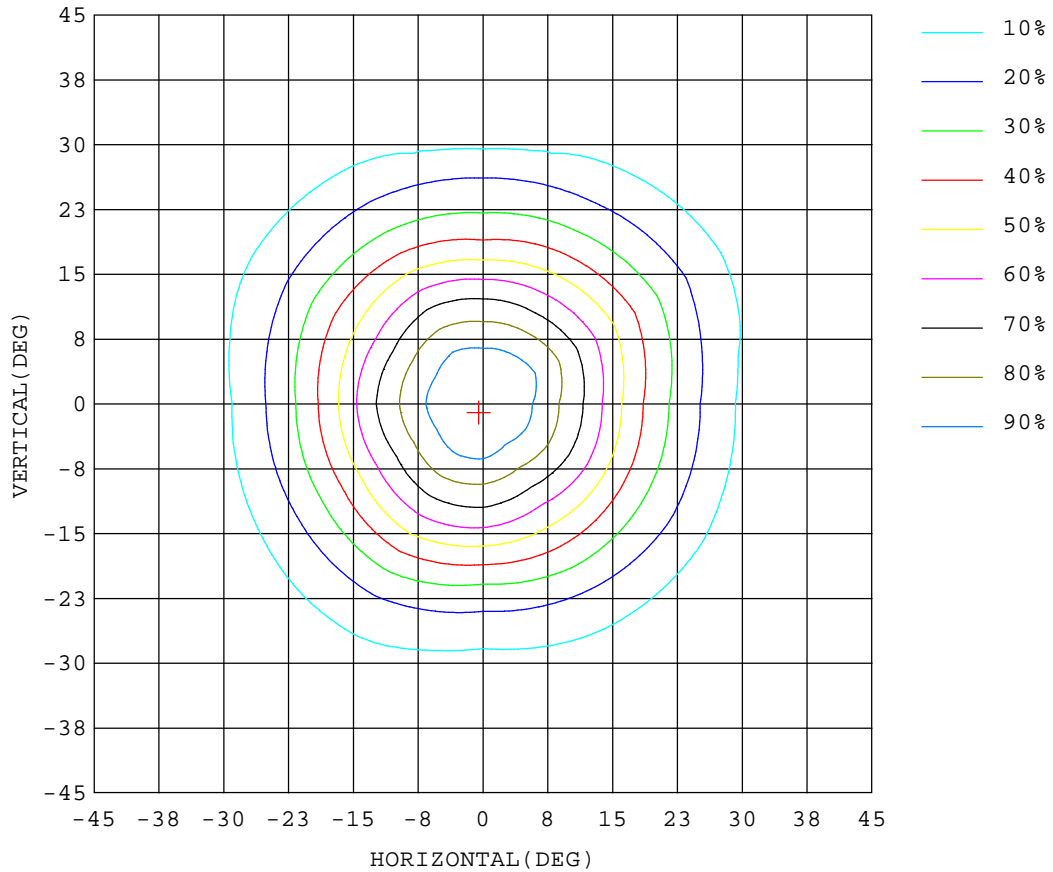
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

UNIT: cd



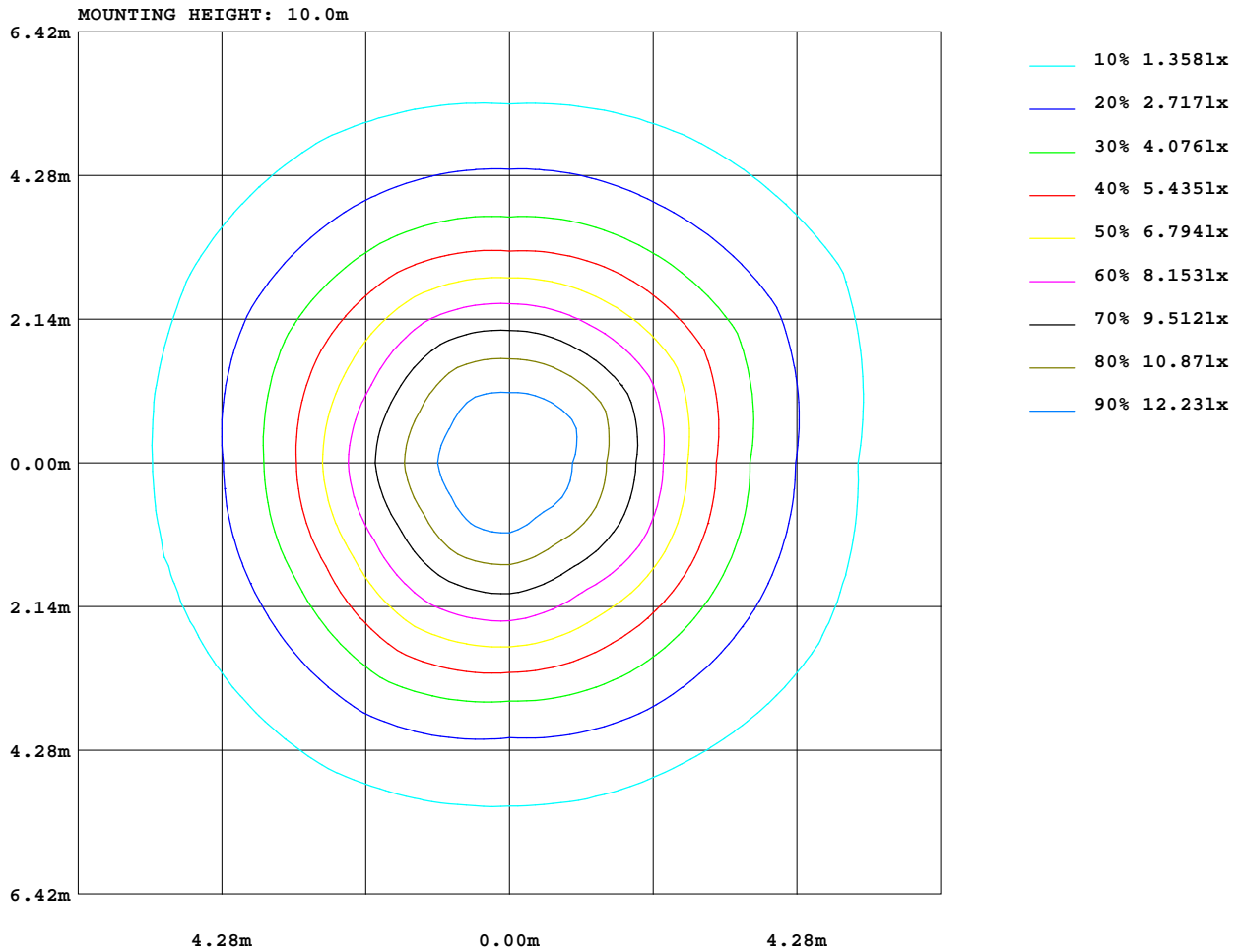
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/26

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-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500		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	0.02	0.02	0.02	0.02	0.02	0.04	0.06	0.07	0.08	0.08	0.07	0.05	0.04	0.02	0.02	0.02	0.02	0.02	0.02	0.71	0.71
40	0.03	0.03	0.04	0.05	0.07	0.10	0.15	0.19	0.21	0.21	0.19	0.15	0.11	0.07	0.05	0.03	0.03	0.03	1.74	1.74	
35	0.03	0.05	0.07	0.11	0.19	0.32	0.48	0.61	0.64	0.64	0.61	0.48	0.32	0.19	0.11	0.07	0.04	0.03	5.01	5.01	
30	0.04	0.07	0.12	0.25	0.49	0.83	1.22	1.51	1.65	1.65	1.49	1.21	0.84	0.51	0.26	0.13	0.07	0.04	12.4	12.4	
25	0.05	0.09	0.23	0.52	0.96	1.62	2.26	2.76	3.00	3.00	2.74	2.24	1.67	1.04	0.55	0.24	0.10	0.05	23.1	23.1	
20	0.05	0.12	0.35	0.82	1.57	2.47	3.49	4.38	4.79	4.76	4.32	3.50	2.57	1.72	0.92	0.38	0.13	0.06	36.4	36.4	
15	0.05	0.14	0.43	1.08	2.11	3.44	4.90	6.30	7.01	6.94	6.17	4.96	3.59	2.29	1.21	0.47	0.16	0.06	51.3	51.3	
10	0.05	0.13	0.45	1.28	2.51	4.19	6.05	7.86	8.89	8.83	7.88	6.21	4.29	2.62	1.35	0.52	0.17	0.06	63.3	63.3	
5	0.04	0.11	0.43	1.35	2.67	4.58	6.83	8.74	9.90	9.95	8.75	6.69	4.46	2.69	1.35	0.49	0.15	0.06	69.3	69.3	
0	0.03	0.09	0.40	1.31	2.59	4.50	6.77	8.67	9.92	9.74	8.50	6.53	4.30	2.57	1.28	0.44	0.13	0.05	67.8	67.8	
-5	0.03	0.09	0.36	1.15	2.29	3.93	5.90	7.71	8.80	8.56	7.43	5.74	3.82	2.30	1.14	0.39	0.12	0.05	59.8	59.8	
-10	0.03	0.07	0.27	0.87	1.81	3.08	4.70	6.19	6.93	6.74	5.75	4.45	3.01	1.85	0.88	0.29	0.09	0.04	47.0	47.0	
-15	0.02	0.06	0.17	0.56	1.27	2.15	3.27	4.24	4.67	4.55	3.97	3.06	2.09	1.27	0.57	0.19	0.07	0.03	32.2	32.2	
-20	0.02	0.04	0.10	0.31	0.75	1.35	1.96	2.42	2.59	2.54	2.29	1.81	1.26	0.72	0.31	0.11	0.04	0.02	18.6	18.6	
-25	0.01	0.03	0.07	0.15	0.38	0.73	1.02	1.23	1.29	1.26	1.14	0.92	0.68	0.37	0.16	0.07	0.03	0.01	9.57	9.57	
-30	0.01	0.02	0.04	0.09	0.17	0.31	0.43	0.46	0.43	0.43	0.45	0.41	0.30	0.16	0.09	0.04	0.02	0.01	3.88	3.88	
-35	0.01	0.02	0.03	0.06	0.09	0.13	0.15	0.15	0.12	0.12	0.14	0.14	0.13	0.09	0.05	0.03	0.02	0.01	1.48	1.48	
-40	0.01	0.02	0.02	0.04	0.06	0.07	0.07	0.06	0.05	0.05	0.06	0.07	0.07	0.05	0.03	0.02	0.02	0.01	0.77	0.77	
-45	0.01	0.02	0.02	0.04	0.06	0.07	0.07	0.06	0.05	0.05	0.06	0.07	0.07	0.05	0.03	0.02	0.02	0.01	0.77	0.77	
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45				
Φ t	0.52	1.18	3.59	10.0	20.0	33.8	49.7	63.6	71.0	70.1	62.0	48.6	33.5	20.5	10.3	3.95	1.41	0.65	523		
Φ a	0.52	1.18	3.59	10.0	20.0	33.8	49.7	63.6	71.0	70.1	62.0	48.6	33.5	20.5	10.3	3.95	1.41	0.65		523	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/26

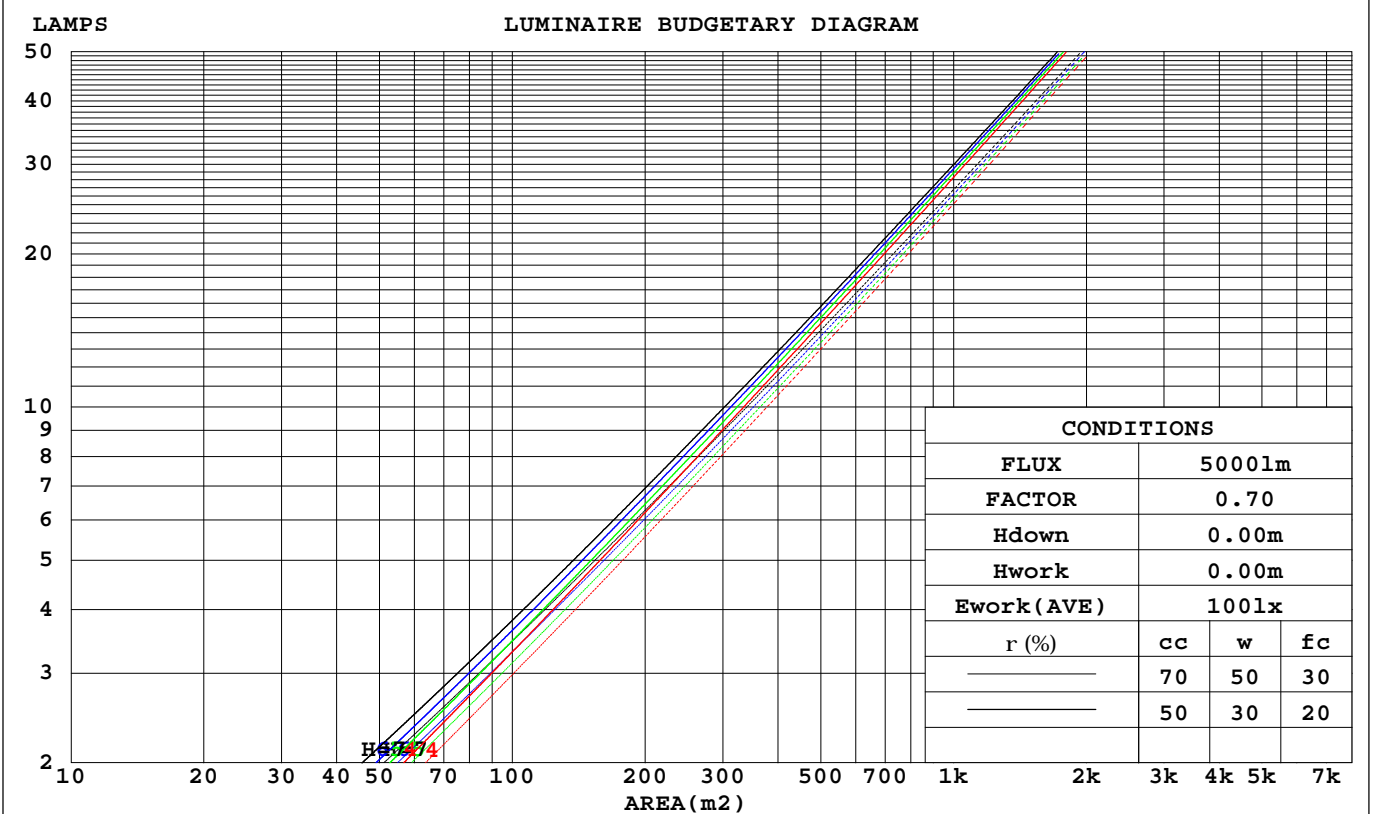
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500		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	1.00	1.00	1.00	.98
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.98	.97	.96	.95	.93
2.0	1.05	1.02	.99	1.03	1.00	.97	.00	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.00	.95	.92	.98	.94	.91	.95	.92	.89	.93	.90	.88	.90	.88	.86	.85
4.0	.95	.90	.86	.93	.89	.86	.91	.88	.85	.89	.86	.84	.87	.85	.82	.81
5.0	.90	.85	.82	.89	.85	.81	.87	.83	.80	.86	.82	.80	.84	.81	.79	.78
6.0	.86	.81	.78	.85	.81	.77	.84	.80	.77	.82	.79	.76	.81	.78	.75	.74
7.0	.82	.78	.74	.82	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.72	.71
8.0	.79	.74	.71	.79	.74	.71	.77	.73	.70	.76	.73	.70	.75	.72	.70	.68
9.0	.76	.71	.68	.75	.71	.68	.75	.70	.67	.74	.70	.67	.73	.69	.67	.66
10.0	.73	.68	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.70	.67	.64	.63



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	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	.159	.090	.029	.152	.086	.027	.138	.079	.025	.126	.073	.023	.114	.066	.021	
2.0	.148	.081	.025	.142	.078	.024	.130	.072	.023	.120	.067	.021	.110	.062	.020	
3.0	.138	.074	.022	.133	.071	.021	.123	.067	.020	.115	.063	.019	.106	.059	.018	
4.0	.130	.068	.020	.126	.066	.019	.117	.062	.019	.110	.059	.018	.103	.056	.017	
5.0	.123	.063	.018	.119	.061	.018	.112	.058	.017	.105	.056	.017	.099	.053	.016	
6.0	.117	.059	.017	.113	.057	.016	.107	.055	.016	.101	.053	.015	.096	.050	.015	
7.0	.111	.055	.016	.108	.054	.015	.103	.052	.015	.098	.050	.015	.093	.048	.014	
8.0	.106	.052	.015	.104	.051	.014	.099	.049	.014	.094	.048	.014	.090	.046	.013	
9.0	.102	.049	.014	.099	.048	.014	.095	.047	.013	.091	.045	.013	.087	.044	.013	
10.0	.098	.047	.013	.095	.046	.013	.091	.045	.013	.088	.044	.012	.084	.042	.012	

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	.204	.204	.204	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.183	.171	.160	.157	.146	.137	.107	.101	.095	.062	.058	.055	.020	.019	.018	
2.0	.166	.146	.129	.142	.126	.111	.098	.087	.078	.056	.051	.046	.018	.016	.015	
3.0	.152	.127	.106	.131	.109	.092	.090	.076	.065	.052	.044	.038	.017	.014	.012	
4.0	.141	.112	.089	.121	.097	.078	.083	.067	.055	.048	.039	.032	.015	.013	.011	
5.0	.131	.100	.077	.113	.086	.067	.078	.060	.047	.045	.035	.028	.014	.012	.009	
6.0	.123	.090	.067	.106	.078	.058	.073	.055	.041	.042	.032	.024	.014	.011	.008	
7.0	.116	.082	.059	.100	.071	.051	.069	.050	.036	.040	.029	.022	.013	.010	.007	
8.0	.110	.076	.052	.094	.066	.046	.065	.046	.032	.038	.027	.019	.012	.009	.006	
9.0	.104	.070	.047	.090	.061	.041	.062	.043	.029	.036	.025	.017	.012	.008	.006	
10.0	.100	.066	.043	.086	.057	.038	.060	.040	.027	.035	.024	.016	.011	.008	.005	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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-BK-2SR-SM-BK					TYPE:			WEIGHT:		
SPECIFICATION:		CCT(K): 3500			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	11.6	12.4	11.9	12.6	12.8	11.8	12.6	12.0	12.8	12.9
3H	12.0	12.7	12.3	13.0	13.2	11.9	12.6	12.2	12.8	13.1
4H	12.5	13.2	12.8	13.4	13.7	12.0	12.7	12.3	12.9	13.2
6H	13.3	13.9	13.6	14.2	14.5	12.1	12.7	12.4	13.0	13.3
8H	13.9	14.5	14.2	14.8	15.1	12.2	12.8	12.5	13.1	13.4
12H	14.7	15.3	15.1	15.6	15.9	12.3	12.9	12.7	13.2	13.5
4H 2H	11.5	12.2	11.8	12.5	12.7	11.7	12.4	12.0	12.7	12.9
3H	12.0	12.5	12.3	12.8	13.1	12.2	12.8	12.5	13.1	13.4
4H	12.5	13.0	12.8	13.3	13.7	12.6	13.1	13.0	13.4	13.8
6H	13.5	14.0	13.9	14.3	14.7	13.0	13.5	13.4	13.9	14.2
8H	14.3	14.7	14.7	15.1	15.5	13.3	13.7	13.7	14.1	14.5
12H	15.4	15.8	15.8	16.2	16.6	13.6	14.0	14.0	14.4	14.8
8H 4H	12.6	13.1	13.0	13.4	13.8	12.8	13.2	13.2	13.6	14.0
6H	13.6	14.0	14.1	14.4	14.9	13.8	14.2	14.2	14.6	15.0
8H	14.5	14.8	15.0	15.3	15.7	14.4	14.8	14.9	15.2	15.7
12H	15.8	16.1	16.3	16.5	17.0	15.1	15.4	15.6	15.8	16.3
12H 4H	12.7	13.1	13.2	13.5	14.0	12.8	13.2	13.2	13.6	14.0
6H	13.8	14.1	14.3	14.6	15.1	13.9	14.2	14.4	14.7	15.1
8H	14.7	14.9	15.2	15.4	15.9	14.8	15.0	15.3	15.5	16.0
Variations with the observer position at spacings:										
s = 1.0H	+ 0.9 / - 0.6					+ 0.6 / - 0.6				
1.5H	+ 1.8 / - 0.7					+ 1.3 / - 0.8				
2.0H	+ 0.9 / - 0.6					+ 0.6 / - 0.7				

CIE Pub.117 Corrected 522.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.3)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	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	89	83	79	88	83	79	87	82	79	76
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	94	91	99	94	91	97	94	90	86
1.25	103	98	95	102	98	95	100	97	94	90
1.50	106	101	98	105	101	98	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	112	108	105	110	107	104	106	104	102	95
4.00	114	111	109	111	109	107	107	106	104	97
5.00	115	113	111	112	111	109	108	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

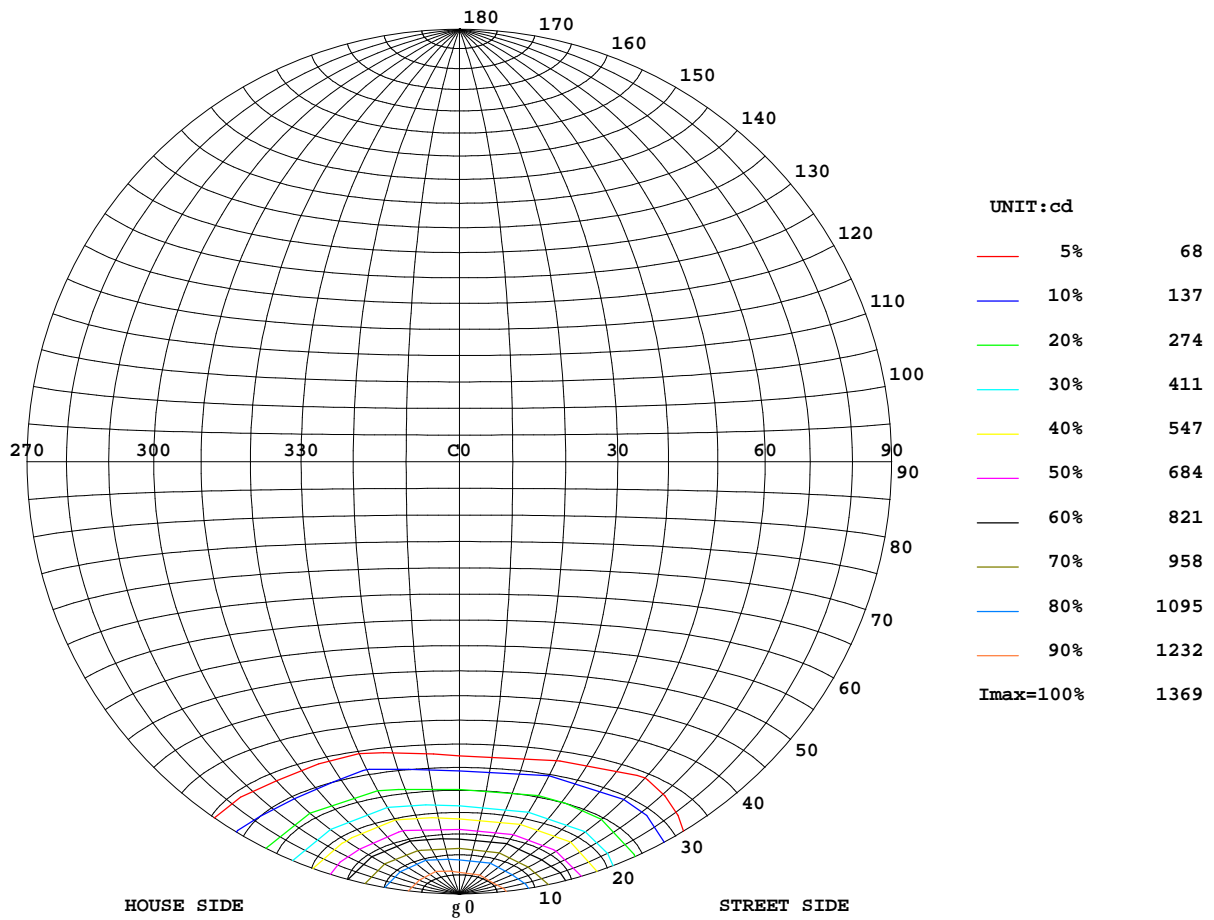
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

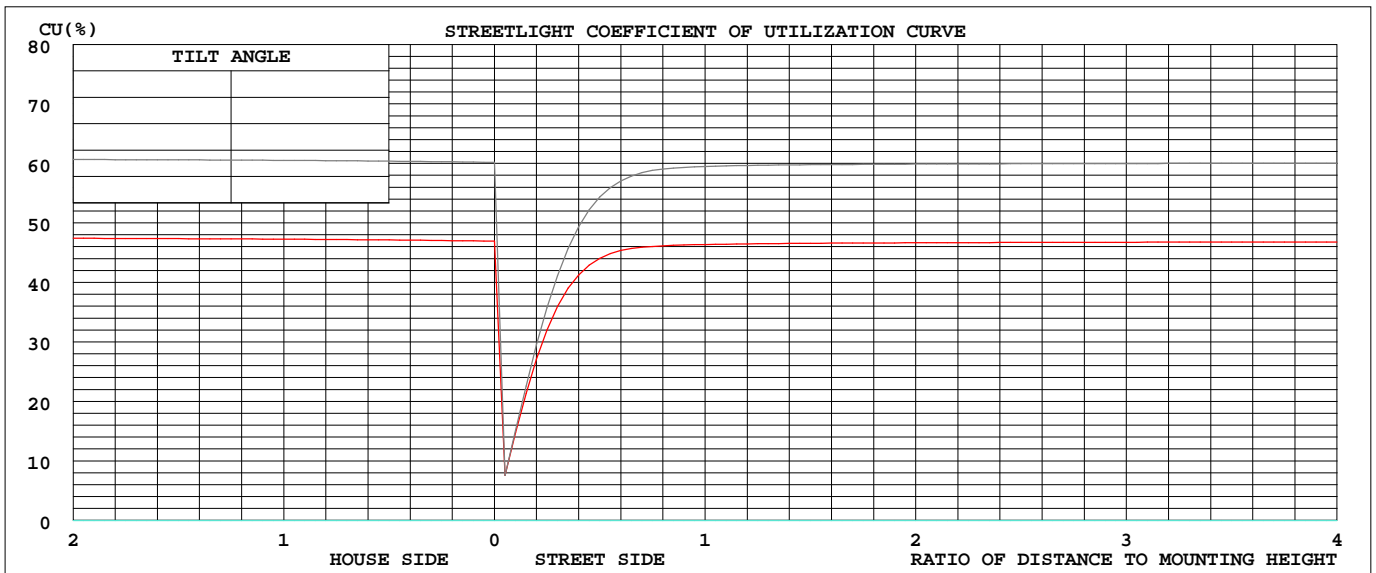
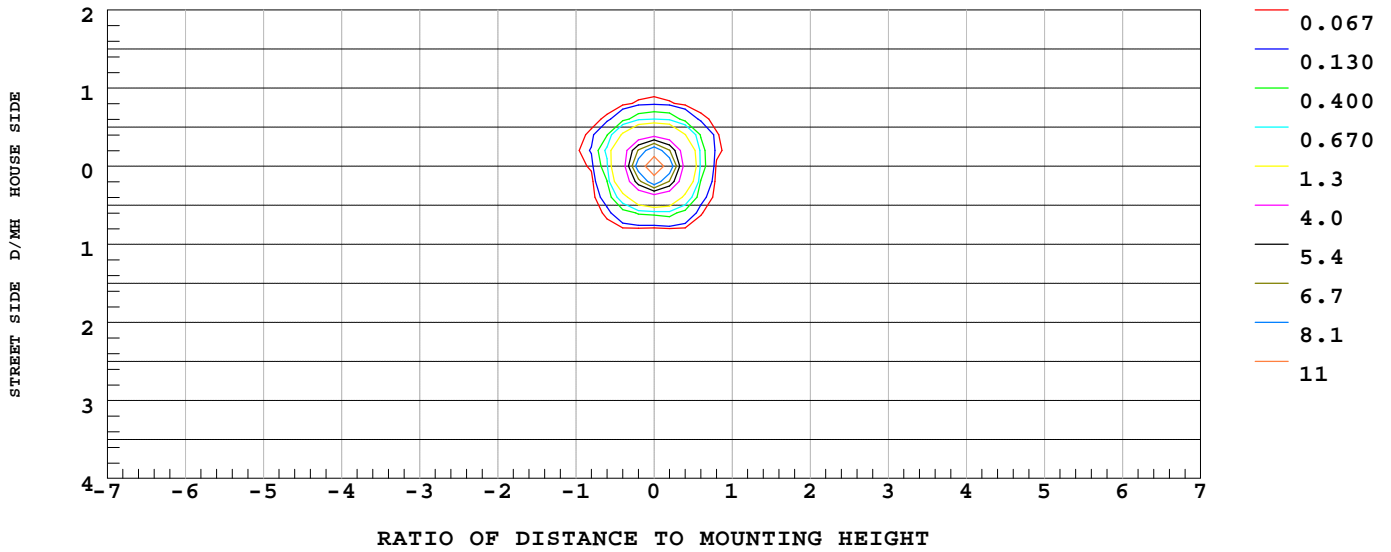
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 13.43 lx



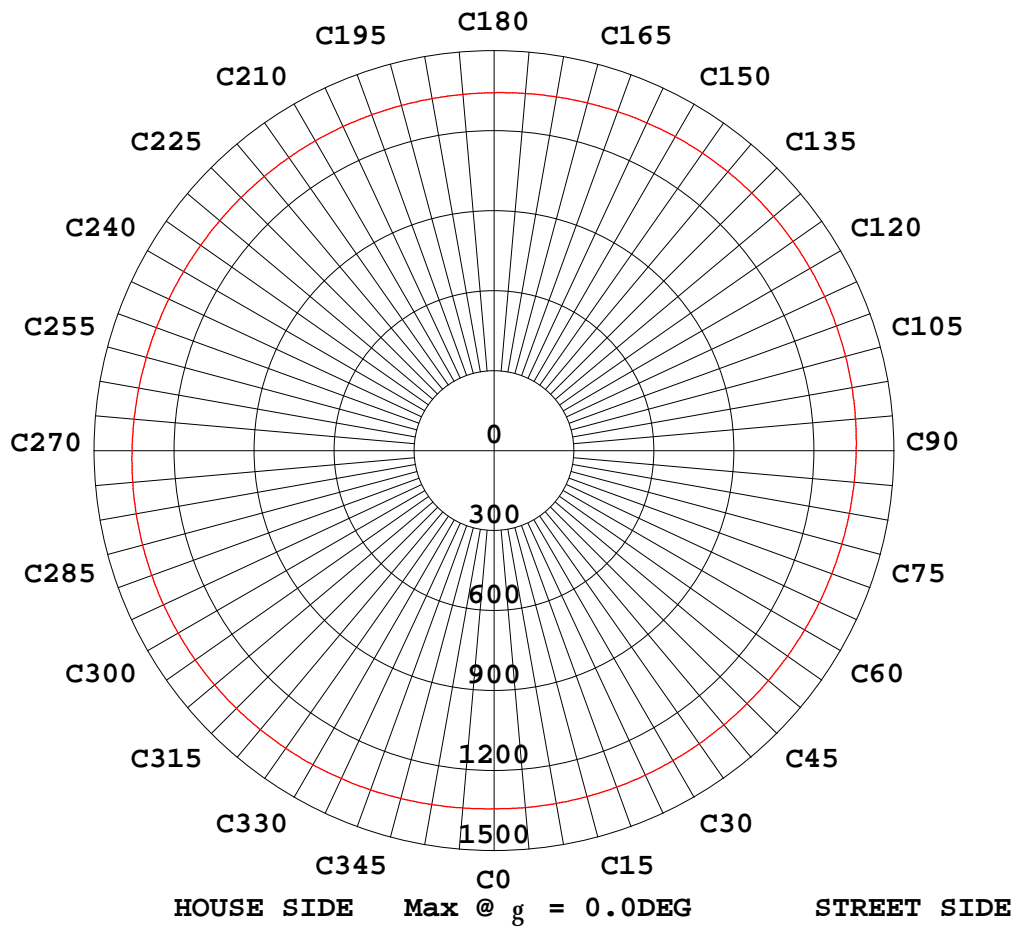
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024/01/26

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-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1343	1342	1345	1358	1369	1360	1343	1342	1345	1358	1369	1360
5.0	1252	1254	1240	1277	1287	1267	1278	1270	1289	1277	1286	1295
10.0	1034	1030	1014	1056	1074	1047	1075	1069	1090	1065	1073	1096
15.0	742	747	740	778	803	764	795	790	816	783	793	819
20.0	474	477	477	457	520	486	496	542	536	497	529	564
25.0	278	283	260	236	283	272	277	321	323	313	317	352
30.0	104	130	106	93.2	150	127	112	176	165	101	164	203
35.0	34.0	39.3	57.1	21.8	59.6	39.5	26.2	80.5	59.5	44.8	60.3	88.8
40.0	14.5	11.8	20.0	8.28	20.0	10.6	8.94	26.6	15.9	16.4	16.8	27.9
45.0	7.13	4.03	10.6	2.74	10.7	4.31	2.99	12.7	4.80	7.27	4.69	12.6
50.0	5.70	1.77	5.70	1.81	5.91	1.84	2.08	6.30	1.94	5.74	1.87	6.05
55.0	4.90	1.49	4.73	1.25	4.80	1.39	1.70	5.22	1.91	5.08	1.98	5.36
60.0	3.75	0.80	3.72	0.80	3.86	0.80	1.11	4.21	0.91	3.68	0.73	4.10
65.0	3.30	0.70	3.20	0.66	3.27	0.66	1.00	3.37	0.70	3.20	0.63	3.37
70.0	2.95	0.63	2.85	0.59	2.88	0.59	0.94	3.06	0.63	2.88	0.59	3.06
75.0	2.68	0.59	2.61	0.52	2.64	0.56	0.91	2.78	0.63	2.64	0.59	2.74
80.0	2.47	0.59	2.40	0.52	2.40	0.56	0.91	2.57	0.59	2.43	0.59	2.57
85.0	2.29	0.59	2.22	0.56	2.22	0.56	0.87	2.40	0.63	2.29	0.59	2.36
90.0	2.15	0.59	2.08	0.56	2.08	0.56	0.87	2.22	0.63	2.15	0.59	2.22
95.0	2.05	0.63	1.94	0.59	1.94	0.56	0.91	2.12	0.66	2.05	0.63	2.08
100.0	1.94	0.63	1.84	0.59	1.84	0.59	0.94	2.01	0.63	1.94	0.63	1.98
105.0	1.84	0.66	1.74	0.59	1.74	0.59	0.91	1.87	0.66	1.84	0.63	1.87
110.0	1.77	0.66	1.67	0.63	1.67	0.63	0.94	1.81	0.66	1.74	0.63	1.77
115.0	1.70	0.70	1.60	0.63	1.60	0.66	0.94	1.70	0.66	1.63	0.63	1.67
120.0	1.63	0.73	1.53	0.66	1.53	0.66	0.94	1.63	0.66	1.56	0.63	1.56
125.0	1.56	0.73	1.46	0.70	1.49	0.70	0.97	1.56	0.70	1.49	0.66	1.53
130.0	1.53	0.80	1.46	0.73	1.46	0.77	1.00	1.49	0.73	1.42	0.70	1.49
135.0	1.56	0.91	1.49	0.84	1.49	0.87	1.11	1.49	0.80	1.42	0.77	1.49
140.0	1.63	1.07	1.60	1.00	1.60	1.04	1.28	1.56	0.94	1.49	0.91	1.56
145.0	1.84	1.32	1.77	1.28	1.77	1.32	1.53	1.70	1.14	1.67	1.18	1.70
150.0	2.08	1.63	2.05	1.60	2.01	1.63	1.84	1.94	1.42	1.91	1.49	1.94
155.0	2.40	2.01	2.40	1.98	2.33	2.01	2.22	2.26	1.77	2.22	1.87	2.26
160.0	2.74	2.40	2.71	2.36	2.68	2.40	2.64	2.61	2.19	2.61	2.26	2.61
165.0	3.13	2.78	3.06	2.78	2.99	2.81	3.02	2.95	2.54	2.95	2.64	2.99
170.0	3.41	3.09	3.34	3.06	3.30	3.13	3.37	3.23	2.88	3.30	2.95	3.27
175.0	3.62	3.30	3.13	3.51	3.20	3.51	3.62	3.44	3.13	3.51	3.20	3.51
180.0	3.75	3.55	3.27	3.58	3.27	3.58	3.75	3.55	3.27	3.58	3.27	3.58

Test System:HOPOO HPG1800
 Temperature:25.3DEG
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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