

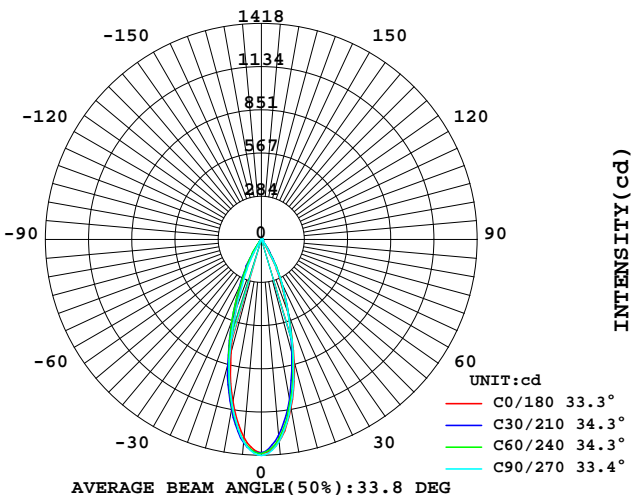
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

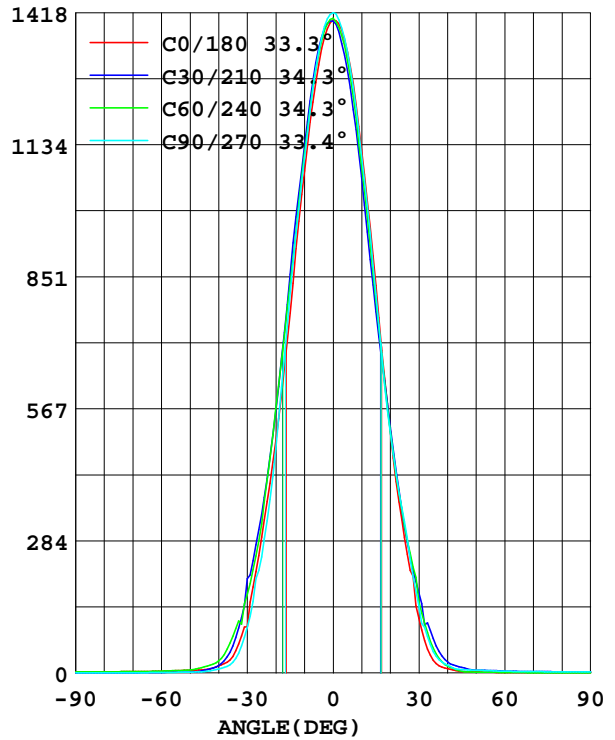
MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	1428	S/MH(C0/180)	0.54
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.54
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	545.3	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	63.5	Current(A)	0.073
NOMINAL FLUX(lm)	545.3	h up(%)	1.7	Power(W)	8.590
LAMPS QUANTITY	1	h down(%)	98.3	Power Factor(PF)	0.967
TEST VOLTAGE(V)	120.7	Effictive Flux(lm)	545.3	EEL	0.182

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



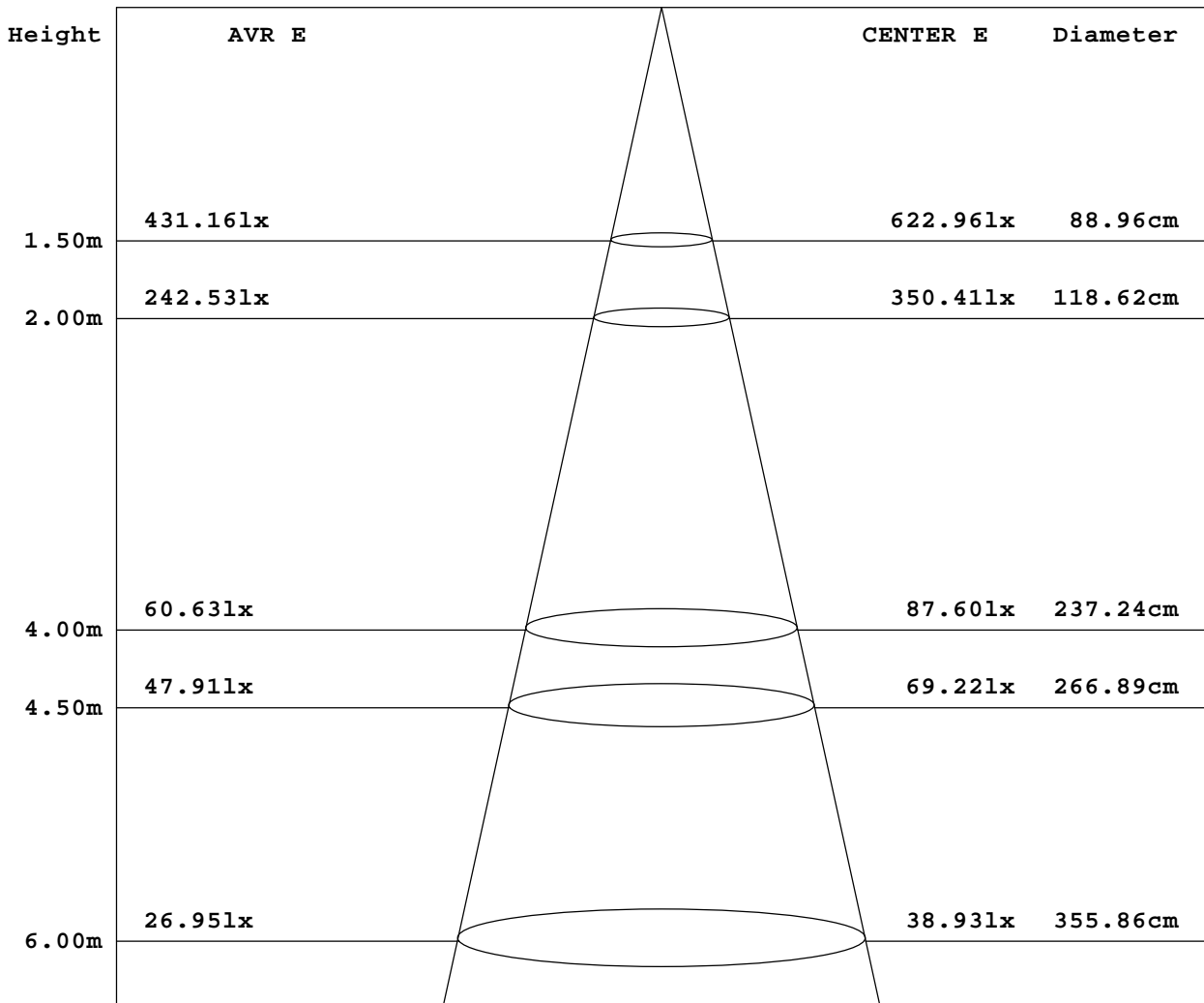
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



Angle: 33.0deg

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): 4000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tTotal
5.0	1306	1335	1333	1334	1333	1304	1334	1346	0- 5	32.74	32.74
10.0	1078	1126	1106	1103	1123	1077	1111	1129	5- 10	86.87	119.6
15.0	773.1	845.7	816.8	809.1	832.2	787.4	812.5	833.8	10- 15	113.3	232.9
20.0	497.1	564.7	480.7	513.5	518.6	522.3	515.2	559.8	15- 20	109.1	342.1
25.0	291.5	330.2	249.3	279.2	290.2	315.2	324.7	337.0	20- 25	85.32	427.4
30.0	99.27	185.5	97.85	135.6	117.6	162.7	144.4	179.5	25- 30	56.71	484.1
35.0	35.29	68.57	22.76	47.74	27.46	63.66	45.80	70.87	30- 35	27.21	511.3
40.0	15.17	20.71	8.632	15.12	9.363	19.23	16.84	21.39	35- 40	10.20	521.5
45.0	7.275	9.485	2.854	7.466	3.098	7.797	7.414	8.545	40- 45	4.173	525.7
50.0	5.778	4.124	1.844	3.950	2.158	4.020	5.813	4.020	45- 50	2.104	527.8
55.0	5.012	3.324	1.287	3.132	1.740	3.655	5.151	3.689	50- 55	1.593	529.4
60.0	3.794	2.541	0.835	2.349	1.113	2.401	3.724	2.436	55- 60	1.332	530.7
65.0	3.341	2.036	0.661	1.984	1.009	2.036	3.237	2.018	60- 65	1.059	531.8
70.0	2.958	1.810	0.592	1.775	0.940	1.844	2.889	1.844	65- 70	0.974	532.8
75.0	2.680	1.636	0.557	1.601	0.905	1.705	2.645	1.688	70- 75	0.914	533.7
80.0	2.506	1.531	0.522	1.496	0.905	1.601	2.471	1.601	75- 80	0.867	534.5
85.0	2.332	1.444	0.557	1.409	0.870	1.514	2.297	1.479	80- 85	0.829	535.4
90.0	2.193	1.374	0.557	1.322	0.905	1.444	2.158	1.427	85- 90	0.793	536.2
95.0	2.053	1.322	0.592	1.287	0.905	1.392	2.053	1.357	90- 95	0.759	536.9
100.0	1.949	1.270	0.592	1.218	0.940	1.340	1.949	1.305	95-100	0.724	537.6
105.0	1.844	1.218	0.592	1.183	0.940	1.287	1.844	1.253	100-105	0.686	538.3
110.0	1.775	1.183	0.627	1.148	0.940	1.235	1.740	1.200	105-110	0.648	539.0
115.0	1.670	1.166	0.661	1.113	0.975	1.183	1.670	1.166	110-115	0.607	539.6
120.0	1.636	1.131	0.661	1.096	0.940	1.131	1.566	1.131	115-120	0.568	540.2
125.0	1.566	1.131	0.696	1.096	0.975	1.131	1.496	1.096	120-125	0.529	540.7
130.0	1.531	1.148	0.766	1.131	1.009	1.131	1.462	1.113	125-130	0.496	541.2
135.0	1.566	1.218	0.870	1.183	1.113	1.183	1.462	1.148	130-135	0.474	541.7
140.0	1.670	1.340	1.044	1.322	1.287	1.322	1.531	1.253	135-140	0.468	542.1
145.0	1.844	1.566	1.322	1.549	1.531	1.514	1.705	1.462	140-145	0.478	542.6
150.0	2.123	1.844	1.670	1.862	1.879	1.827	1.949	1.740	145-150	0.497	543.1
155.0	2.471	2.193	2.018	2.227	2.262	2.158	2.297	2.123	150-155	0.511	543.6
160.0	2.854	2.593	2.471	2.610	2.680	2.541	2.680	2.506	155-160	0.503	544.1
165.0	3.237	2.958	2.854	2.993	3.098	2.941	3.063	2.924	160-165	0.460	544.6
170.0	3.515	3.272	3.167	3.289	3.481	3.237	3.411	3.254	165-170	0.373	544.9
175.0	3.724	3.481	3.620	3.481	3.724	3.446	3.620	3.481	170-175	0.244	545.2
180.0	3.863	3.515	3.724	3.568	3.863	3.515	3.724	3.568	175-180	0.085	545.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

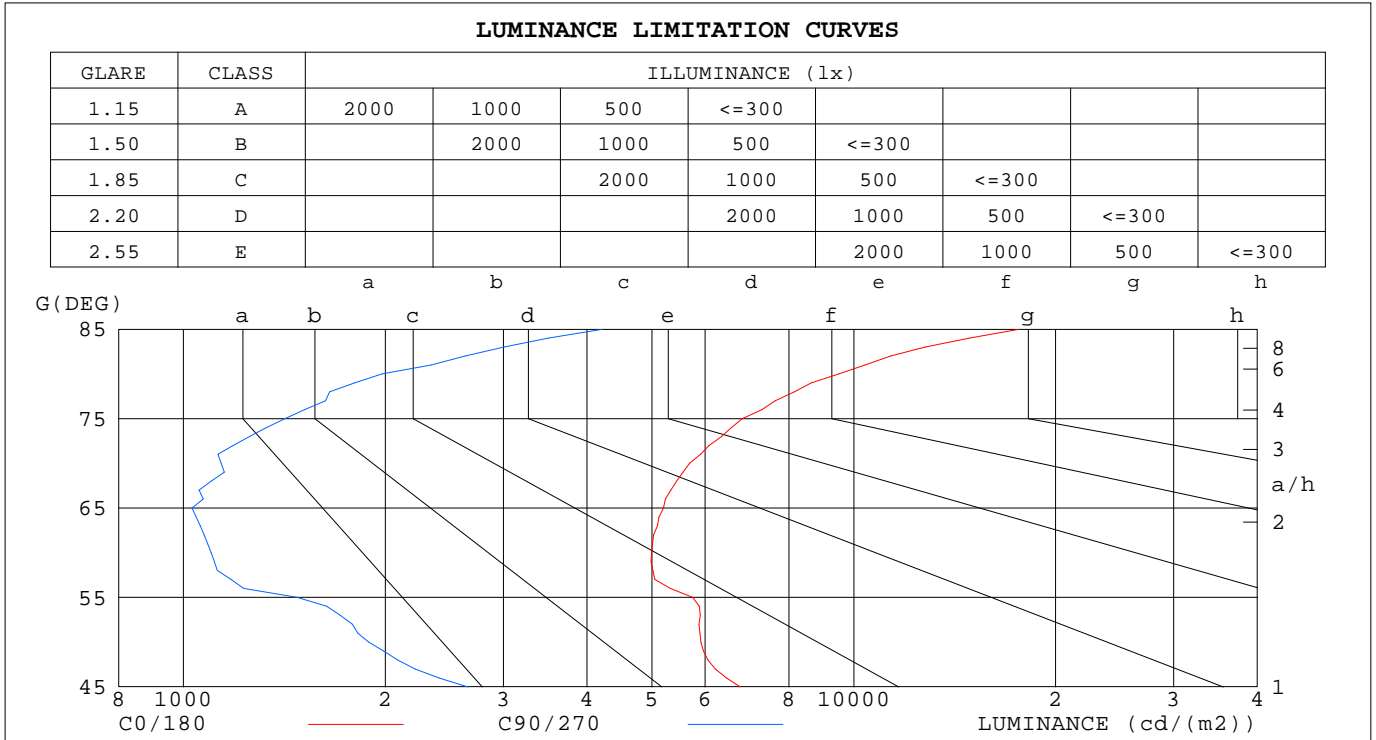
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 4000	DIMENSION:	SERIAL No.:



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	17605	4204
80	9496	1978
75	6813	1416
70	5692	1138
65	5202	1030
60	4992	1099
55	5750	1477
50	5914	1888
45	6769	2656

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

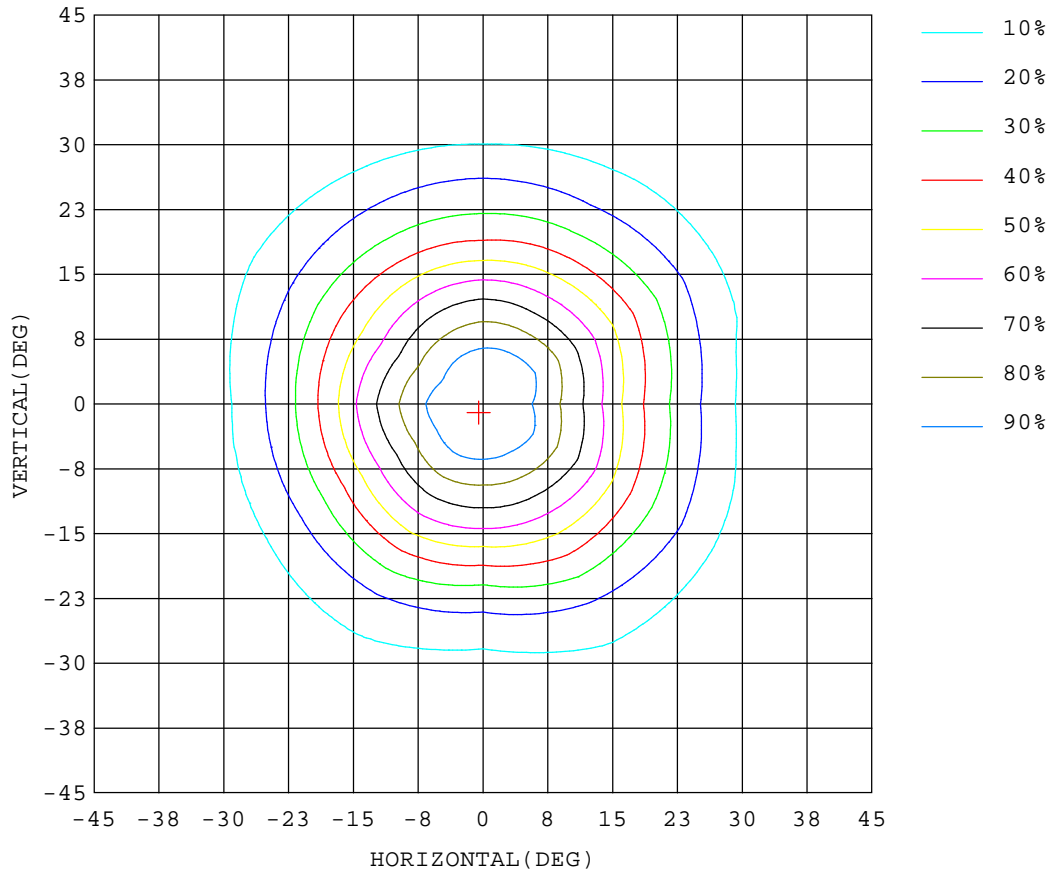
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

UNIT: cd



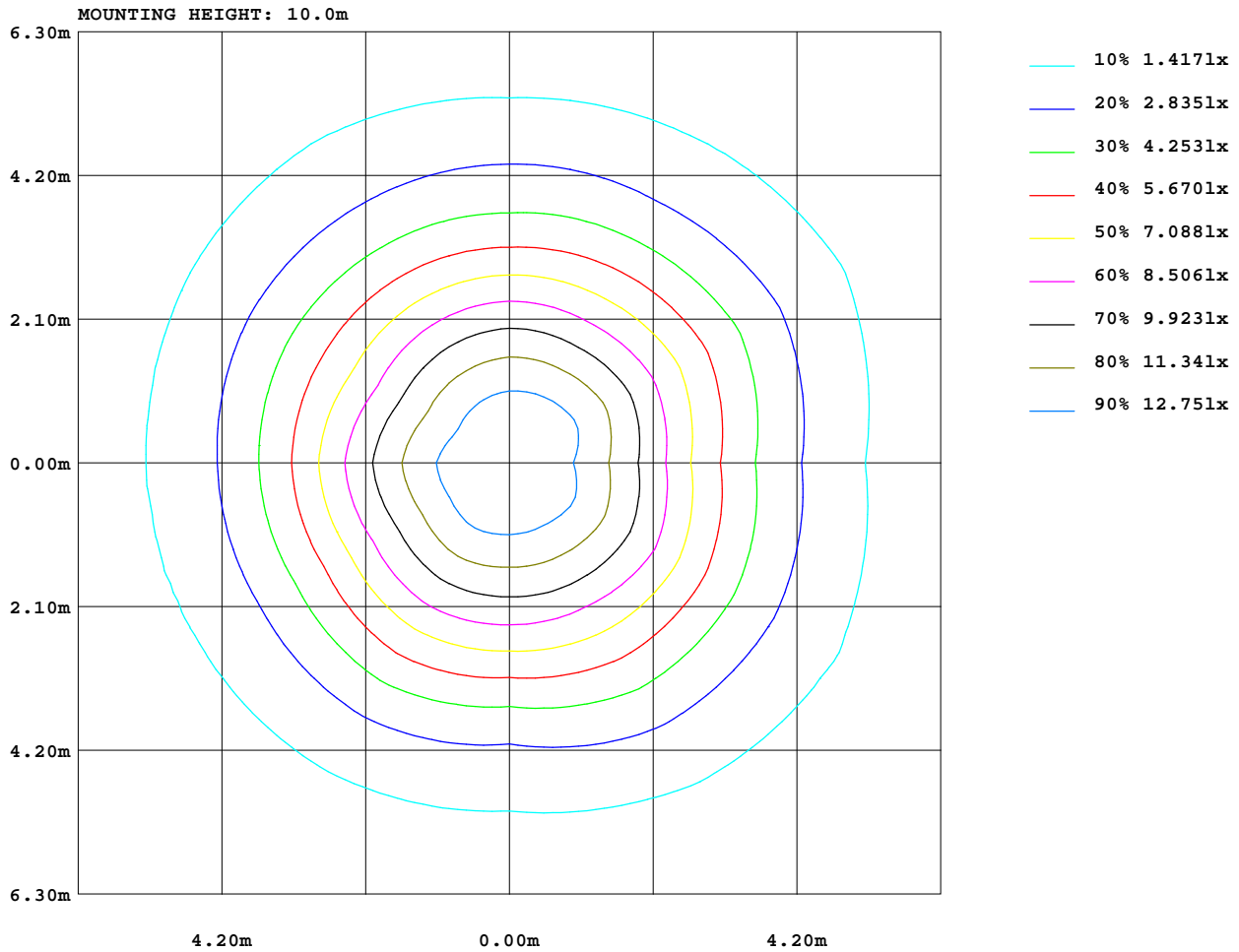
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 4000	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:	
SPECIFICATION:		CCT(K): 4000	
		DIMENSION:	
		WEIGHT:	
		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	0.03	0.05	0.07	0.08	0.08	0.07	0.06	0.04	0.02	0.02	0.02	0.02	0.02	0.70	0.70
40	0.03	0.03	0.03	0.04	0.06	0.10	0.14	0.18	0.21	0.21	0.19	0.15	0.10	0.07	0.05	0.03	0.03	0.03	1.69	1.69
35	0.03	0.04	0.06	0.10	0.17	0.28	0.45	0.59	0.66	0.67	0.60	0.47	0.31	0.18	0.11	0.07	0.04	0.03	4.86	4.86
30	0.04	0.07	0.11	0.22	0.45	0.77	1.19	1.53	1.72	1.72	1.53	1.20	0.80	0.48	0.25	0.12	0.07	0.04	12.3	12.3
25	0.04	0.09	0.20	0.48	0.92	1.58	2.22	2.75	3.07	3.09	2.79	2.24	1.65	0.98	0.53	0.23	0.10	0.05	23.0	23.0
20	0.05	0.11	0.32	0.79	1.52	2.41	3.39	4.30	4.88	4.93	4.45	3.57	2.60	1.71	0.85	0.37	0.13	0.06	36.4	36.4
15	0.05	0.13	0.41	1.06	2.06	3.34	4.78	6.20	7.15	7.21	6.38	5.11	3.67	2.32	1.18	0.46	0.16	0.06	51.7	51.7
10	0.05	0.13	0.45	1.29	2.50	4.17	5.98	7.81	9.08	9.21	8.19	6.43	4.42	2.69	1.37	0.51	0.17	0.06	64.5	64.5
5	0.04	0.11	0.45	1.39	2.75	4.72	6.99	8.93	10.1	10.3	9.12	6.97	4.64	2.80	1.40	0.49	0.15	0.06	71.6	71.6
0	0.03	0.09	0.41	1.35	2.69	4.69	7.05	9.04	10.3	10.3	9.08	6.98	4.62	2.77	1.38	0.48	0.14	0.06	71.6	71.6
-5	0.03	0.09	0.36	1.17	2.34	4.03	6.09	8.01	9.18	9.17	8.20	6.48	4.35	2.62	1.33	0.47	0.14	0.05	64.1	64.1
-10	0.03	0.07	0.26	0.86	1.82	3.13	4.82	6.41	7.24	7.24	6.48	5.15	3.57	2.22	1.13	0.38	0.12	0.04	51.0	51.0
-15	0.02	0.05	0.16	0.54	1.27	2.17	3.34	4.38	4.88	4.92	4.54	3.66	2.55	1.64	0.80	0.26	0.08	0.03	35.3	35.3
-20	0.02	0.04	0.10	0.30	0.73	1.34	1.98	2.49	2.71	2.77	2.67	2.23	1.62	0.98	0.44	0.15	0.06	0.02	20.6	20.6
-25	0.01	0.03	0.06	0.15	0.37	0.71	1.02	1.24	1.34	1.38	1.36	1.17	0.87	0.51	0.22	0.09	0.04	0.02	10.6	10.6
-30	0.01	0.02	0.04	0.09	0.16	0.31	0.43	0.47	0.45	0.47	0.53	0.53	0.42	0.22	0.11	0.06	0.02	0.01	4.34	4.34
-35	0.01	0.02	0.03	0.06	0.09	0.13	0.15	0.15	0.13	0.14	0.18	0.18	0.16	0.11	0.07	0.04	0.02	0.01	1.66	1.66
-40	0.01	0.02	0.02	0.04	0.06	0.07	0.07	0.06	0.05	0.05	0.07	0.08	0.08	0.07	0.04	0.03	0.02	0.01	0.83	0.83
-45	0.01	0.02	0.02	0.04	0.06	0.07	0.07	0.06	0.05	0.05	0.07	0.08	0.08	0.07	0.04	0.03	0.02	0.01	0.83	0.83
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φ t	0.51	1.15	3.52	9.97	20.0	34.0	50.1	64.6	73.4	74.0	66.4	52.7	36.5	22.4	11.3	4.25	1.50	0.68	545	
Φ a	0.51	1.15	3.52	9.97	20.0	34.0	50.1	64.6	73.4	74.0	66.4	52.7	36.5	22.4	11.3	4.25	1.50	0.68		545

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

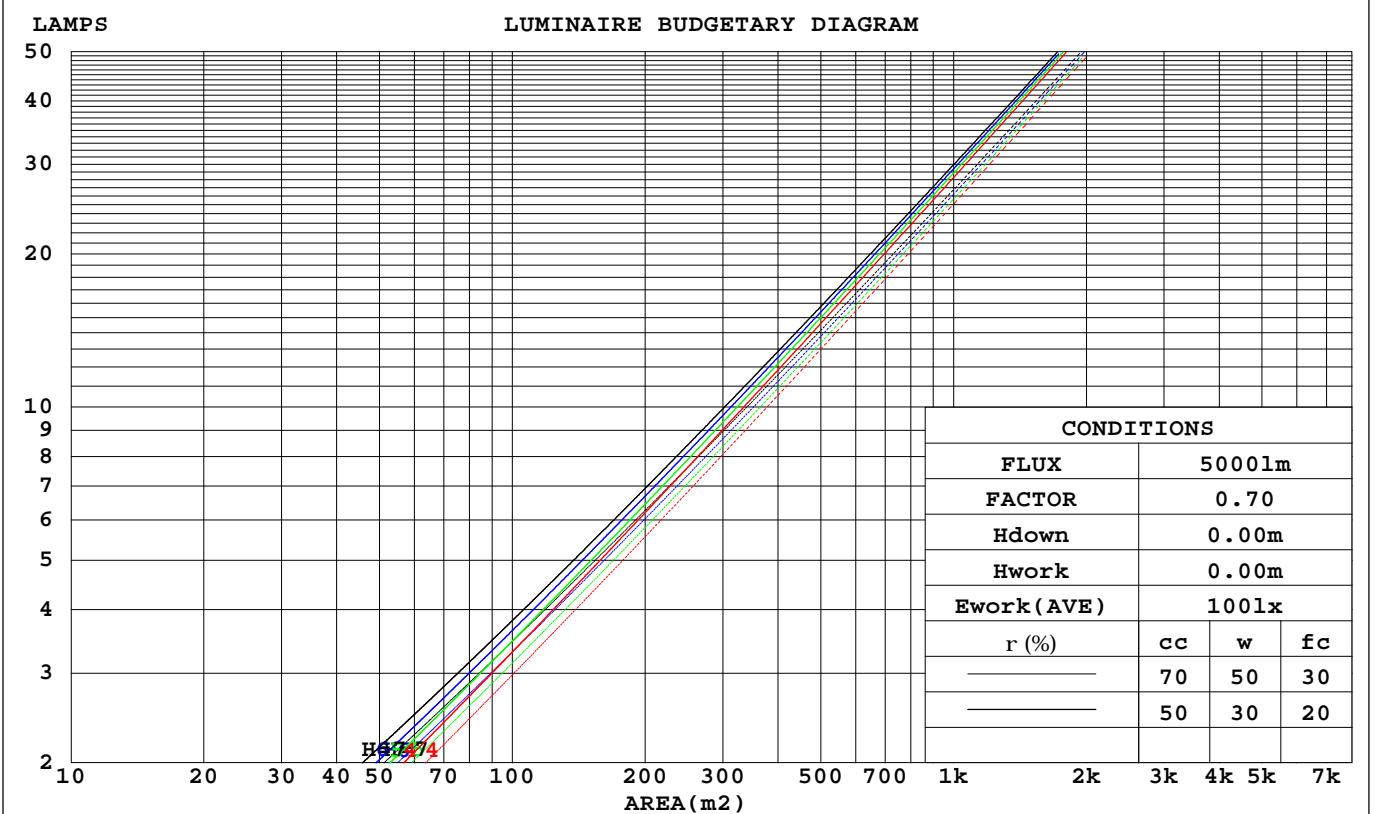
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	
SPECIFICATION:		SERIAL No.:	
CCT(K): 4000		DIMENSION:	

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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.98	.97	.96	.95	.94
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	.90	.93	.90	.88	.90	.88	.86	.85
4.0	.95	.90	.87	.93	.89	.86	.91	.88	.85	.89	.86	.84	.87	.85	.83	.81
5.0	.90	.85	.82	.89	.85	.81	.87	.84	.81	.86	.82	.80	.84	.81	.79	.78
6.0	.86	.81	.78	.85	.81	.77	.84	.80	.77	.82	.79	.76	.81	.78	.76	.74
7.0	.83	.78	.74	.82	.77	.74	.81	.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	.76	.71	.68	.75	.70	.68	.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): 4000	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	.158	.090	.029	.151	.086	.027	.138	.079	.025	.125	.072	.023	.114	.066	.021	
2.0	.147	.081	.025	.141	.078	.024	.130	.072	.022	.120	.067	.021	.110	.062	.020	
3.0	.138	.073	.022	.133	.071	.021	.123	.067	.020	.114	.063	.019	.106	.059	.018	
4.0	.130	.067	.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	.058	.017	.113	.057	.016	.107	.055	.016	.101	.053	.015	.096	.050	.015	
7.0	.111	.055	.016	.108	.054	.015	.103	.052	.015	.097	.050	.015	.093	.048	.014	
8.0	.106	.052	.015	.103	.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	.097	.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	.203	.203	.203	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.183	.170	.159	.156	.146	.137	.107	.101	.095	.062	.058	.055	.020	.019	.018	
2.0	.166	.146	.128	.142	.125	.111	.097	.087	.077	.056	.050	.045	.018	.016	.015	
3.0	.152	.126	.106	.130	.109	.092	.089	.076	.064	.052	.044	.038	.017	.014	.012	
4.0	.140	.111	.089	.121	.096	.077	.083	.067	.055	.048	.039	.032	.015	.013	.011	
5.0	.131	.099	.076	.112	.086	.066	.077	.060	.047	.045	.035	.028	.014	.012	.009	
6.0	.123	.090	.066	.105	.078	.058	.073	.054	.041	.042	.032	.024	.014	.010	.008	
7.0	.115	.082	.058	.099	.071	.051	.069	.050	.036	.040	.029	.021	.013	.010	.007	
8.0	.109	.075	.052	.094	.065	.045	.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	.099	.065	.043	.086	.057	.037	.059	.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): 4000			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	12.8	13.6	13.1	13.8	14.0	13.2	13.9	13.4	14.1	14.3
3H	13.1	13.8	13.3	14.0	14.2	13.2	13.9	13.5	14.1	14.3
4H	13.4	14.0	13.7	14.3	14.5	13.2	13.9	13.5	14.1	14.4
6H	14.0	14.6	14.3	14.9	15.2	13.3	13.9	13.6	14.2	14.5
8H	14.5	15.1	14.8	15.3	15.6	13.3	13.9	13.7	14.2	14.5
12H	15.1	15.7	15.5	16.0	16.3	13.4	14.0	13.8	14.3	14.6
4H 2H	12.7	13.4	13.0	13.6	13.9	13.1	13.7	13.3	14.0	14.2
3H	12.9	13.5	13.3	13.8	14.1	13.3	13.9	13.7	14.2	14.5
4H	13.3	13.8	13.7	14.2	14.5	13.6	14.1	14.0	14.5	14.8
6H	14.1	14.6	14.5	14.9	15.3	13.9	14.4	14.3	14.7	15.1
8H	14.7	15.2	15.1	15.5	15.9	14.1	14.5	14.5	14.9	15.3
12H	15.7	16.1	16.1	16.5	16.9	14.3	14.7	14.7	15.1	15.5
8H 4H	13.4	13.8	13.8	14.2	14.6	13.7	14.1	14.1	14.5	14.9
6H	14.2	14.6	14.6	15.0	15.4	14.5	14.9	14.9	15.3	15.7
8H	14.9	15.2	15.4	15.7	16.1	15.0	15.3	15.5	15.8	16.3
12H	16.0	16.3	16.5	16.8	17.3	15.6	15.8	16.1	16.3	16.8
12H 4H	13.5	13.9	13.9	14.3	14.7	13.7	14.1	14.1	14.5	14.9
6H	14.3	14.7	14.8	15.1	15.6	14.6	14.9	15.0	15.3	15.8
8H	15.0	15.3	15.5	15.8	16.3	15.3	15.6	15.8	16.0	16.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.7					+ 0.9 / - 0.8				
1.5H	+ 1.7 / - 0.9					+ 1.9 / - 1.0				
2.0H	+ 0.9 / - 0.6					+ 0.6 / - 0.8				

CIE Pub.117 Corrected 545.3 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.1)

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): 4000	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	88	82	79	76
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	95	91	99	94	91	97	94	90	86
1.25	104	99	95	102	98	95	100	97	94	90
1.50	106	102	98	105	101	98	102	99	97	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	106	110	107	104	106	104	102	95
4.00	114	111	109	111	109	107	108	106	104	97
5.00	115	113	111	113	111	109	108	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

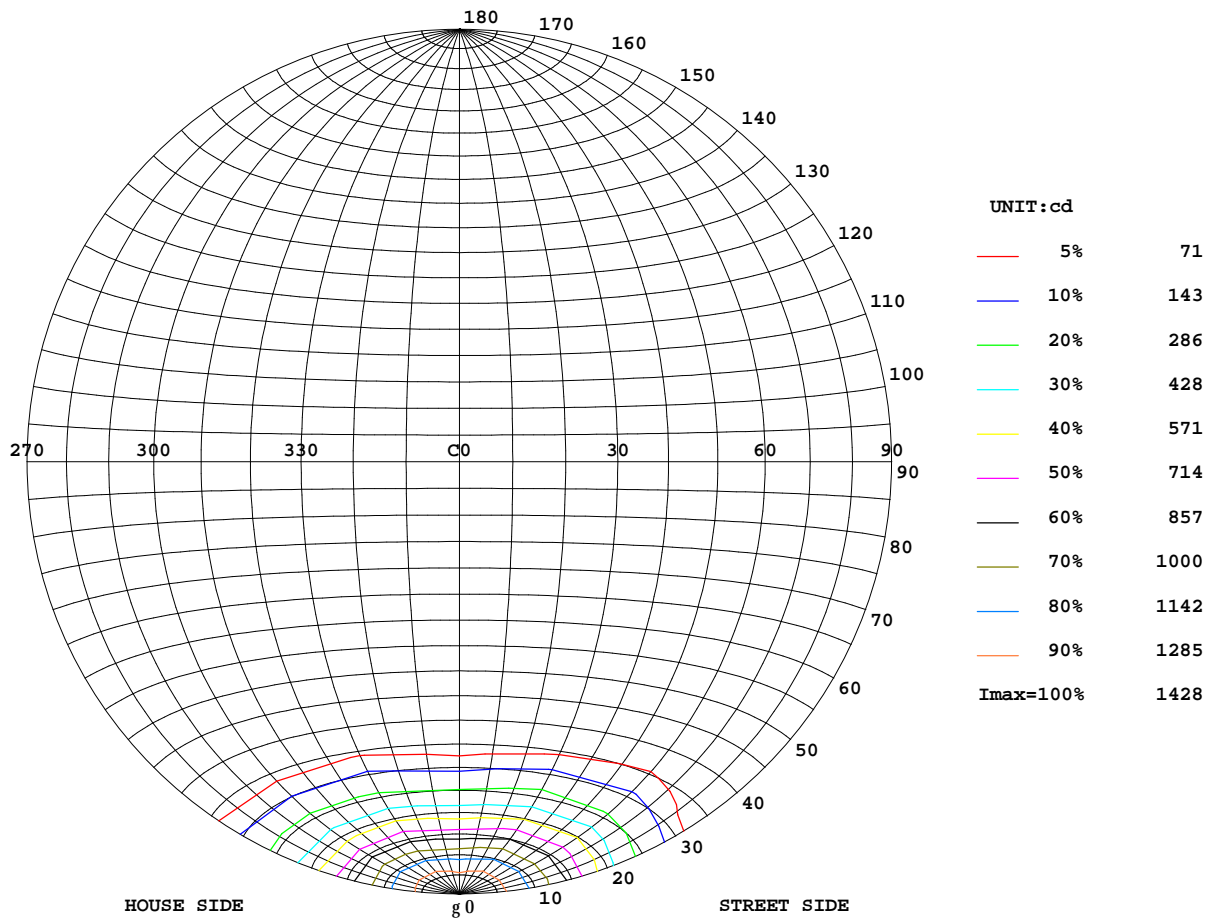
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 4000	DIMENSION:	SERIAL No.:



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

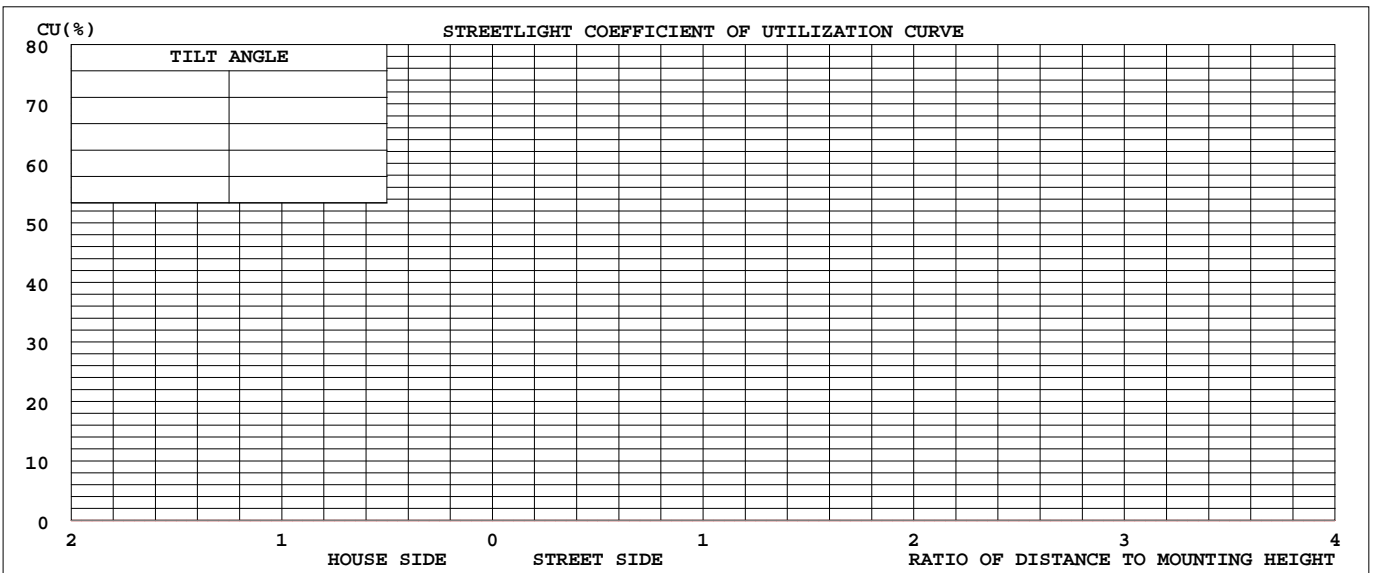
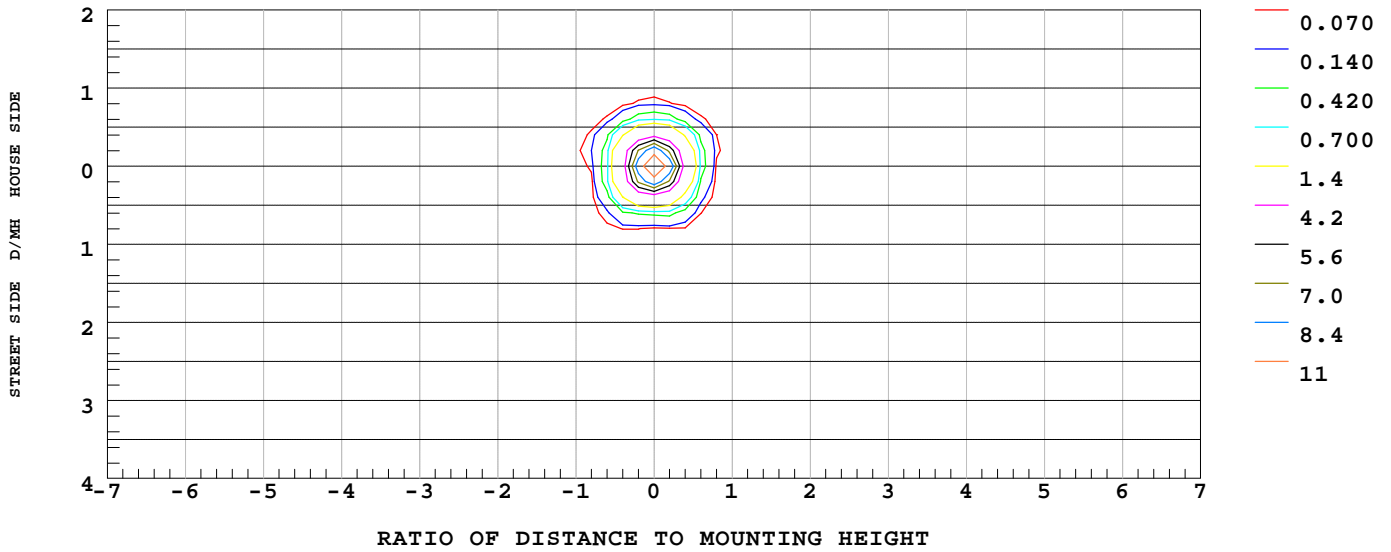
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 14.02 lx



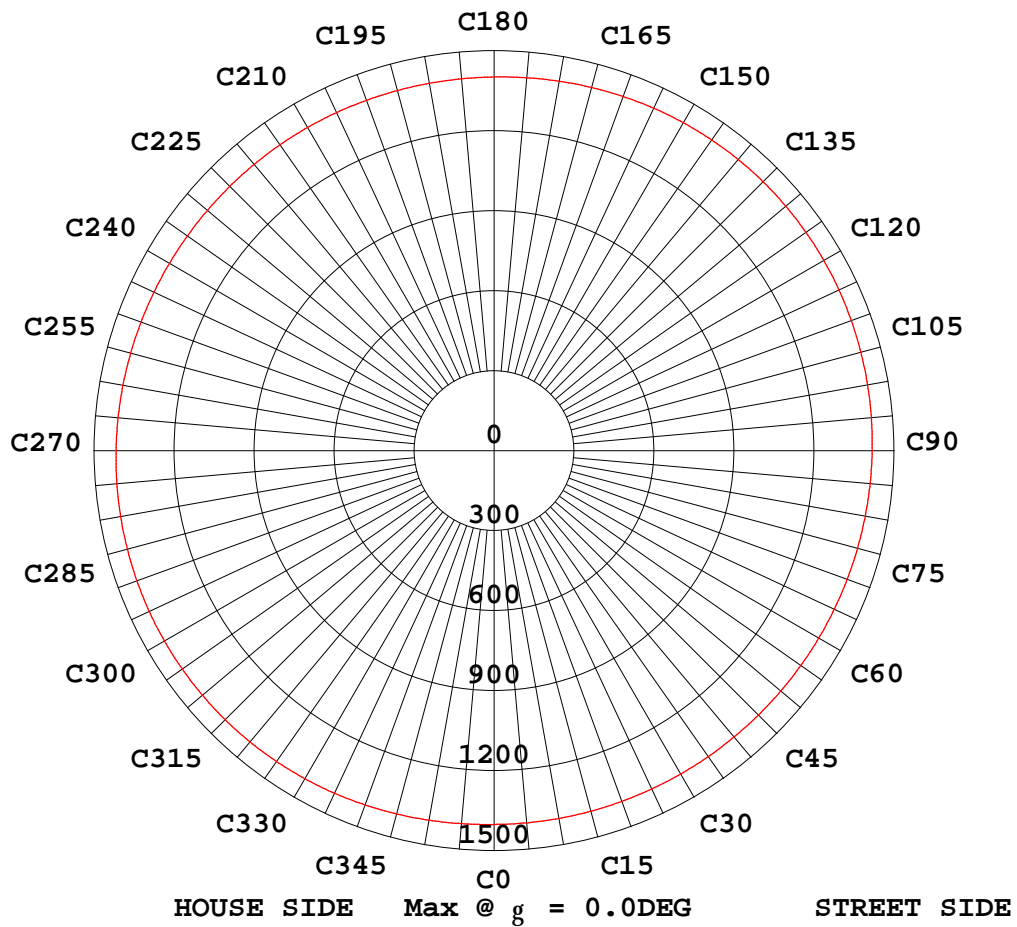
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 4000	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): 4000	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1402	1400	1406	1418	1428	1421	1402	1400	1406	1418	1428	1421
5.0	1306	1341	1328	1333	1344	1323	1333	1294	1314	1334	1340	1353
10.0	1078	1134	1118	1106	1119	1088	1123	1066	1088	1111	1116	1142
15.0	773	856	836	817	831	788	832	776	799	813	819	848
20.0	497	562	567	481	532	495	519	527	518	515	541	579
25.0	292	341	320	249	287	272	290	314	317	325	318	356
30.0	99.2	202	169	97.8	148	123	118	172	153	144	159	200
35.0	35.2	58.3	78.8	22.7	58.3	37.1	27.4	74.2	53.1	45.8	57.1	84.6
40.0	15.1	15.6	25.7	8.63	19.8	10.3	9.36	23.8	14.6	16.8	16.0	26.6
45.0	7.27	5.81	13.1	2.85	10.7	4.21	3.09	11.9	3.68	7.41	4.76	12.3
50.0	5.77	2.01	6.23	1.84	5.98	1.91	2.15	6.09	1.94	5.81	1.94	6.09
55.0	5.01	1.63	5.01	1.28	4.83	1.42	1.74	5.25	2.05	5.15	2.01	5.36
60.0	3.79	1.00	4.07	0.84	3.89	0.80	1.11	3.96	0.84	3.72	0.77	4.10
65.0	3.34	0.73	3.34	0.66	3.27	0.70	1.00	3.37	0.70	3.23	0.66	3.37
70.0	2.95	0.66	2.95	0.59	2.92	0.63	0.94	3.02	0.66	2.88	0.63	3.06
75.0	2.68	0.59	2.68	0.56	2.64	0.56	0.91	2.78	0.63	2.64	0.59	2.78
80.0	2.50	0.59	2.47	0.52	2.43	0.56	0.91	2.57	0.63	2.47	0.63	2.57
85.0	2.33	0.59	2.29	0.56	2.26	0.56	0.87	2.40	0.63	2.29	0.59	2.36
90.0	2.19	0.63	2.12	0.56	2.08	0.56	0.91	2.22	0.66	2.15	0.63	2.22
95.0	2.05	0.63	2.01	0.59	1.98	0.59	0.91	2.12	0.66	2.05	0.63	2.08
100.0	1.94	0.66	1.87	0.59	1.84	0.59	0.94	2.01	0.66	1.94	0.63	1.98
105.0	1.84	0.66	1.77	0.59	1.77	0.59	0.94	1.91	0.66	1.84	0.63	1.87
110.0	1.77	0.66	1.70	0.63	1.67	0.63	0.94	1.81	0.66	1.74	0.63	1.77
115.0	1.67	0.70	1.63	0.66	1.60	0.63	0.97	1.70	0.66	1.67	0.66	1.67
120.0	1.63	0.70	1.56	0.66	1.53	0.66	0.94	1.60	0.66	1.56	0.66	1.60
125.0	1.56	0.73	1.53	0.70	1.49	0.70	0.97	1.56	0.70	1.49	0.66	1.53
130.0	1.53	0.80	1.49	0.77	1.49	0.77	1.00	1.53	0.73	1.46	0.73	1.49
135.0	1.56	0.91	1.53	0.87	1.49	0.87	1.11	1.53	0.84	1.46	0.80	1.49
140.0	1.67	1.07	1.60	1.04	1.60	1.04	1.28	1.63	1.00	1.53	0.94	1.56
145.0	1.84	1.32	1.81	1.32	1.77	1.32	1.53	1.81	1.21	1.70	1.18	1.74
150.0	2.12	1.63	2.05	1.67	2.05	1.67	1.87	2.08	1.56	1.94	1.49	1.98
155.0	2.47	2.01	2.36	2.01	2.36	2.08	2.26	2.40	1.91	2.29	1.91	2.33
160.0	2.85	2.43	2.74	2.47	2.74	2.47	2.68	2.74	2.33	2.68	2.33	2.68
165.0	3.23	2.81	3.09	2.85	3.09	2.88	3.09	3.13	2.74	3.06	2.74	3.09
170.0	3.51	3.16	3.37	3.16	3.37	3.20	3.48	3.41	3.06	3.41	3.09	3.41
175.0	3.72	3.37	3.58	3.62	3.34	3.62	3.72	3.58	3.30	3.62	3.34	3.62
180.0	3.86	3.65	3.37	3.72	3.41	3.72	3.86	3.65	3.37	3.72	3.41	3.72

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