

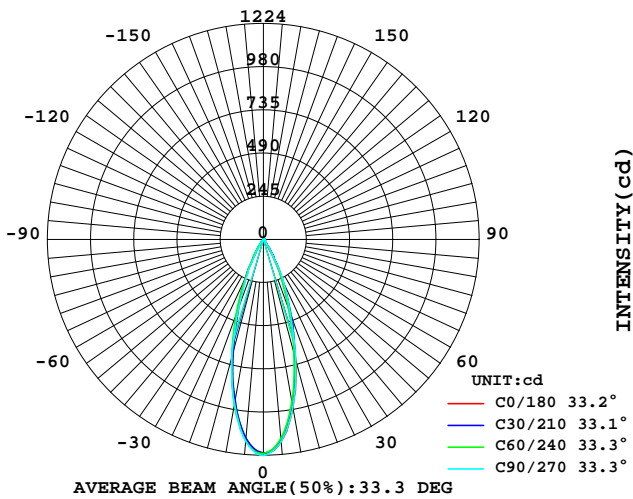
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

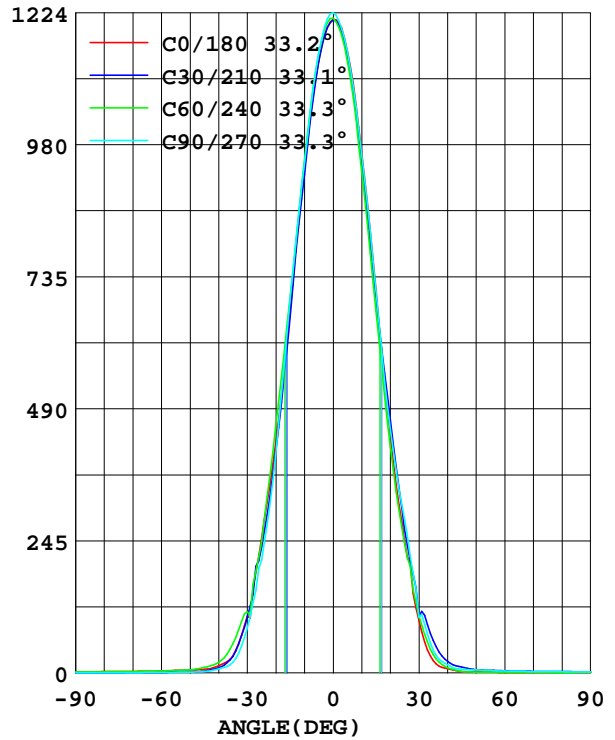
MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	1231	S/MH(C0/180)	0.54
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.53
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	472.0	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	52.9	Current(A)	0.076
NOMINAL FLUX(lm)	472.0	h up(%)	1.8	Power(W)	8.930
LAMPS QUANTITY	1	h down(%)	98.2	Power Factor(PF)	0.970
TEST VOLTAGE(V)	120.7	Effictive Flux(lm)	472.0	EEL	0.211

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



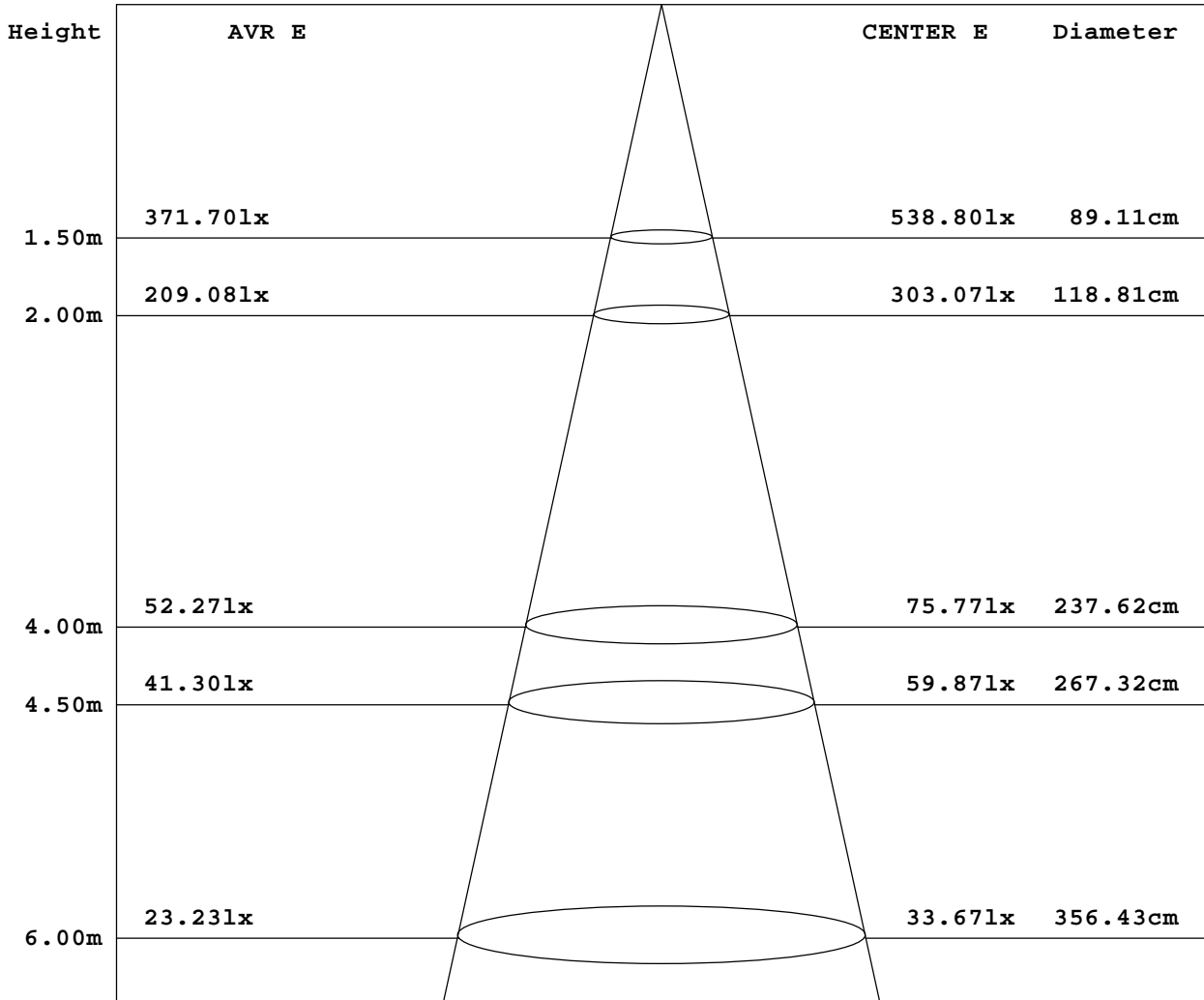
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 2700	DIMENSION:	SERIAL No.:



Angle: 33.1deg

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): 2700	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tBtal
5.0	1134	1141	1150	1148	1152	1139	1152	1162	0- 5	28.27	28.27
10.0	938.5	939.6	946.9	959.6	967.2	943.8	962.8	981.9	5- 10	74.99	103.2
15.0	674.0	679.3	696.5	719.6	711.3	685.0	709.4	738.8	10- 15	97.84	201.1
20.0	427.7	434.6	406.4	471.0	441.6	444.0	451.7	509.9	15- 20	93.90	295.0
25.0	250.8	239.3	209.5	268.1	246.2	253.9	286.4	323.3	20- 25	73.37	368.3
30.0	105.0	108.7	83.47	137.1	98.16	106.3	103.2	201.8	25- 30	48.19	416.5
35.0	31.81	42.36	19.91	51.18	23.07	47.27	42.22	79.34	30- 35	23.93	440.5
40.0	13.50	14.65	7.588	15.45	8.041	15.50	15.38	23.42	35- 40	9.080	449.6
45.0	6.857	7.014	2.506	7.553	2.749	6.892	6.927	8.806	40- 45	3.760	453.3
50.0	5.465	3.672	1.636	3.742	1.949	3.776	5.499	3.863	45- 50	1.945	455.3
55.0	4.768	2.993	1.183	2.993	1.601	3.324	4.873	3.585	50- 55	1.492	456.8
60.0	3.689	2.297	0.766	2.280	1.044	2.401	3.585	2.384	55- 60	1.264	458.0
65.0	3.237	1.931	0.627	1.914	0.975	1.966	3.132	1.984	60- 65	1.023	459.0
70.0	2.924	1.740	0.557	1.740	0.905	1.792	2.819	1.792	65- 70	0.946	460.0
75.0	2.645	1.583	0.522	1.583	0.905	1.670	2.610	1.670	70- 75	0.891	460.9
80.0	2.436	1.479	0.522	1.462	0.870	1.549	2.401	1.566	75- 80	0.846	461.7
85.0	2.262	1.392	0.522	1.392	0.870	1.479	2.262	1.479	80- 85	0.809	462.5
90.0	2.123	1.322	0.557	1.322	0.870	1.409	2.123	1.392	85- 90	0.775	463.3
95.0	2.018	1.287	0.557	1.253	0.905	1.340	2.018	1.340	90- 95	0.741	464.1
100.0	1.914	1.218	0.557	1.200	0.905	1.287	1.879	1.287	95-100	0.706	464.8
105.0	1.810	1.183	0.592	1.166	0.905	1.235	1.775	1.235	100-105	0.669	465.4
110.0	1.740	1.148	0.592	1.148	0.905	1.183	1.705	1.183	105-110	0.632	466.1
115.0	1.670	1.131	0.627	1.113	0.940	1.148	1.601	1.148	110-115	0.595	466.7
120.0	1.601	1.113	0.627	1.096	0.940	1.096	1.531	1.096	115-120	0.555	467.2
125.0	1.531	1.096	0.661	1.079	0.940	1.079	1.462	1.079	120-125	0.515	467.7
130.0	1.496	1.096	0.731	1.113	1.009	1.096	1.392	1.079	125-130	0.482	468.2
135.0	1.531	1.166	0.835	1.183	1.079	1.096	1.427	1.131	130-135	0.459	468.7
140.0	1.566	1.253	0.975	1.305	1.253	1.200	1.462	1.218	135-140	0.449	469.1
145.0	1.775	1.427	1.218	1.496	1.462	1.374	1.601	1.392	140-145	0.452	469.6
150.0	1.984	1.705	1.531	1.740	1.740	1.618	1.844	1.636	145-150	0.463	470.0
155.0	2.262	2.018	1.844	2.053	2.088	1.897	2.088	1.949	150-155	0.469	470.5
160.0	2.575	2.349	2.227	2.401	2.471	2.262	2.436	2.297	155-160	0.457	471.0
165.0	2.889	2.680	2.541	2.697	2.854	2.593	2.749	2.610	160-165	0.415	471.4
170.0	3.132	2.941	2.819	2.958	3.132	2.871	3.028	2.906	165-170	0.334	471.7
175.0	3.341	3.115	3.202	3.080	3.376	3.063	3.202	3.080	170-175	0.218	471.9
180.0	3.481	3.132	3.306	3.150	3.481	3.132	3.306	3.150	175-180	0.076	472.0
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

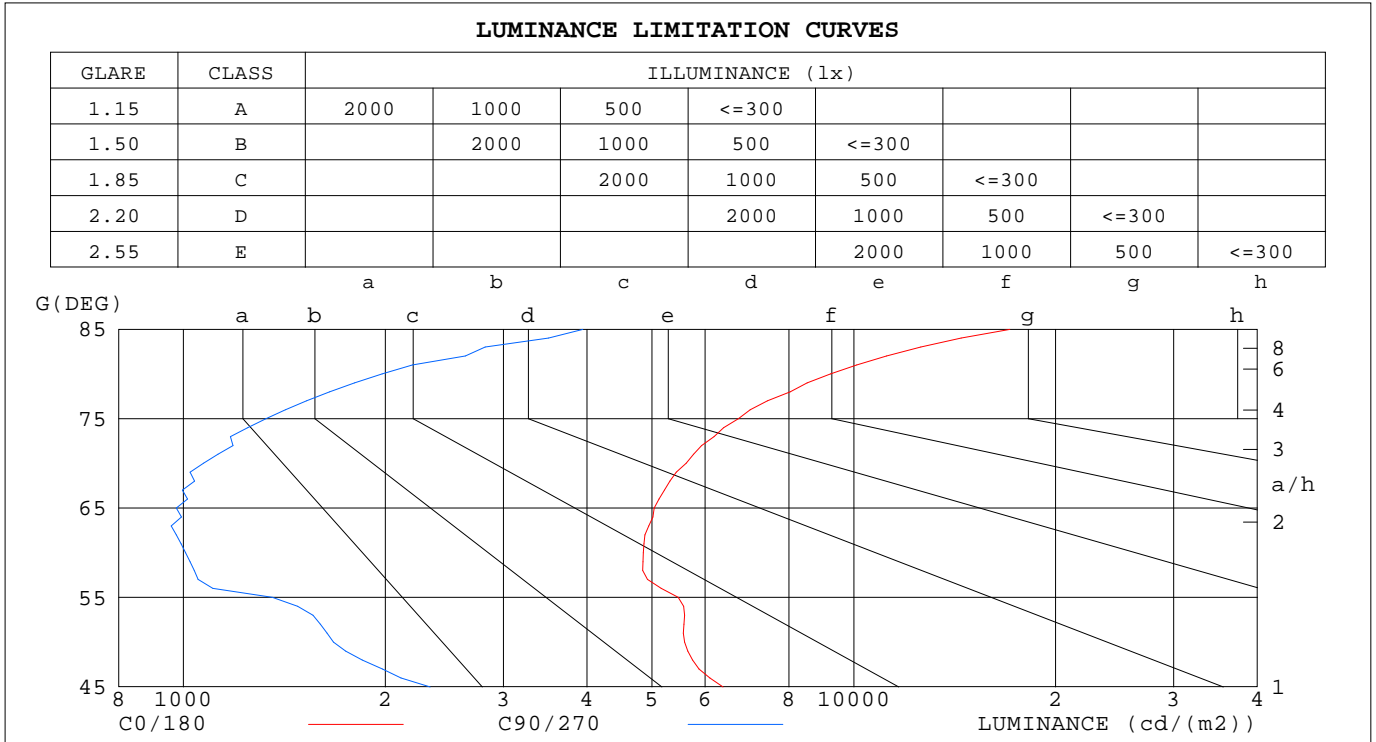
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 2700	DIMENSION:	SERIAL No.:



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	17080	3941
80	9232	1978
75	6725	1327
70	5625	1071
65	5040	975
60	4855	1008
55	5470	1358
50	5594	1675
45	6380	2332

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

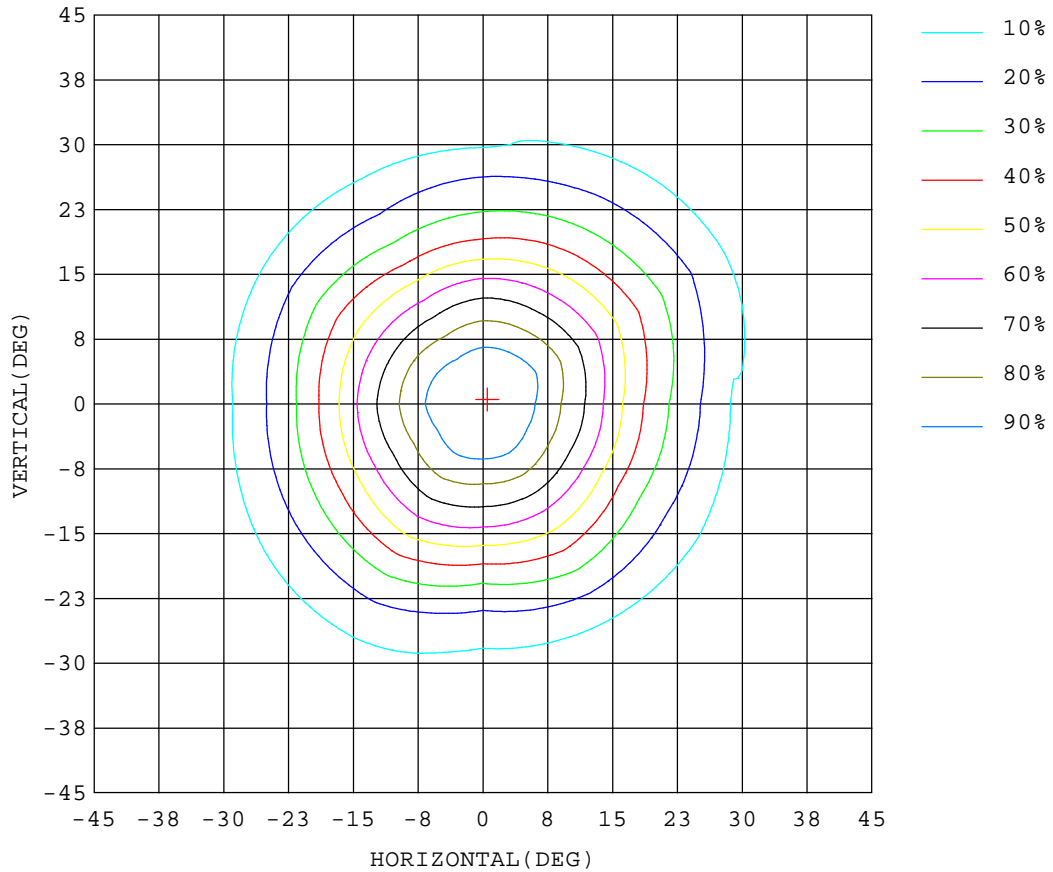
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:

UNIT: cd



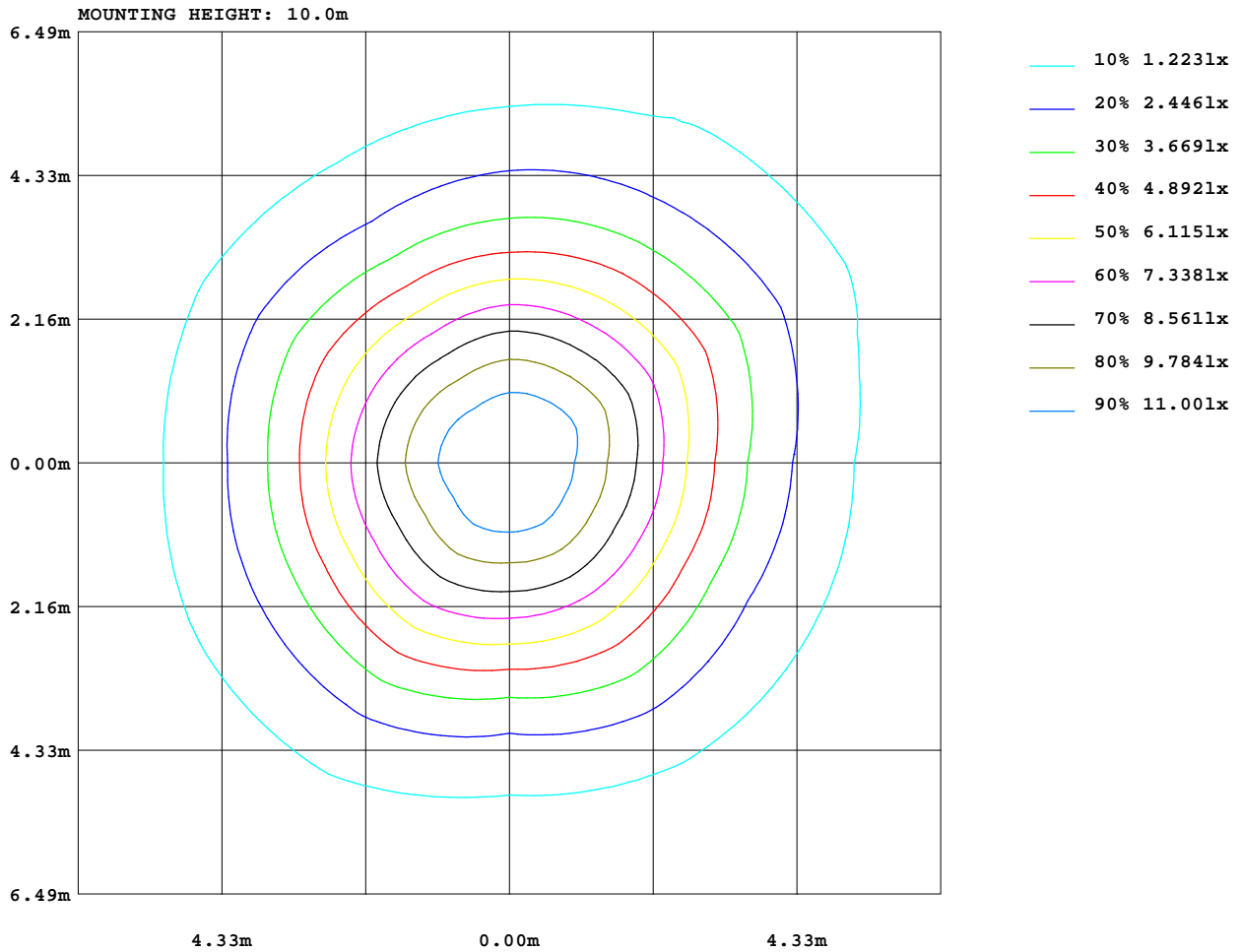
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/26

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): 2700	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): 2700		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	0.03	0.04	0.06	0.07	0.07	0.07	0.06	0.04	0.02	0.02	0.02	0.02	0.02	0.65	0.65
40	0.03	0.03	0.03	0.04	0.05	0.07	0.11	0.15	0.18	0.20	0.20	0.16	0.11	0.08	0.05	0.03	0.03	0.03	1.56	1.56
35	0.03	0.04	0.06	0.08	0.12	0.19	0.32	0.48	0.58	0.64	0.62	0.51	0.35	0.21	0.12	0.07	0.04	0.03	4.47	4.47
30	0.03	0.06	0.10	0.18	0.33	0.54	0.84	1.19	1.45	1.55	1.48	1.27	0.90	0.54	0.28	0.13	0.07	0.04	11.0	11.0
25	0.04	0.08	0.17	0.38	0.69	1.16	1.70	2.24	2.64	2.76	2.59	2.18	1.68	1.08	0.57	0.25	0.10	0.05	20.4	20.4
20	0.04	0.10	0.27	0.64	1.19	1.97	2.76	3.56	4.20	4.35	4.01	3.30	2.47	1.70	0.94	0.40	0.13	0.06	32.1	32.1
15	0.04	0.11	0.34	0.84	1.76	2.91	4.11	5.26	6.16	6.30	5.65	4.58	3.36	2.19	1.19	0.48	0.16	0.06	45.5	45.5
10	0.04	0.11	0.38	1.04	2.16	3.67	5.33	6.85	7.83	7.97	7.14	5.68	3.95	2.44	1.27	0.51	0.17	0.06	56.6	56.6
5	0.03	0.09	0.37	1.16	2.35	4.07	6.10	7.86	8.86	8.97	7.91	6.09	4.06	2.45	1.21	0.47	0.14	0.06	62.3	62.3
0	0.03	0.08	0.36	1.16	2.33	4.06	6.10	7.81	8.92	8.85	7.68	5.89	3.85	2.29	1.11	0.40	0.12	0.05	61.1	61.1
-5	0.03	0.08	0.33	1.05	2.11	3.61	5.39	6.98	7.92	7.87	6.83	5.12	3.34	1.99	0.97	0.34	0.10	0.04	54.1	54.1
-10	0.02	0.07	0.26	0.83	1.73	2.89	4.35	5.67	6.25	6.15	5.39	4.04	2.61	1.56	0.71	0.24	0.08	0.04	42.9	42.9
-15	0.02	0.05	0.17	0.55	1.25	2.06	3.10	3.93	4.21	4.13	3.72	2.86	1.86	1.05	0.46	0.15	0.06	0.03	29.7	29.7
-20	0.01	0.04	0.10	0.32	0.75	1.33	1.90	2.27	2.34	2.30	2.14	1.70	1.09	0.62	0.26	0.09	0.04	0.02	17.3	17.3
-25	0.01	0.03	0.06	0.16	0.40	0.74	1.01	1.15	1.16	1.11	1.01	0.83	0.63	0.33	0.14	0.06	0.02	0.01	8.88	8.88
-30	0.01	0.02	0.04	0.09	0.17	0.33	0.44	0.46	0.40	0.39	0.42	0.38	0.29	0.16	0.08	0.04	0.02	0.01	3.75	3.75
-35	0.01	0.02	0.03	0.06	0.09	0.13	0.15	0.15	0.12	0.11	0.14	0.14	0.12	0.09	0.05	0.03	0.02	0.01	1.45	1.45
-40	0.01	0.02	0.02	0.04	0.06	0.07	0.07	0.06	0.04	0.04	0.06	0.06	0.06	0.05	0.04	0.02	0.02	0.01	0.75	0.75
-45																				
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φ t	0.47	1.04	3.11	8.64	17.5	29.8	43.8	56.1	63.4	63.8	57.1	44.9	30.8	18.8	9.47	3.74	1.34	0.62	472	
Φ a	0.47	1.04	3.11	8.64	17.5	29.8	43.8	56.1	63.4	63.8	57.1	44.9	30.8	18.8	9.47	3.74	1.34	0.62		472

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

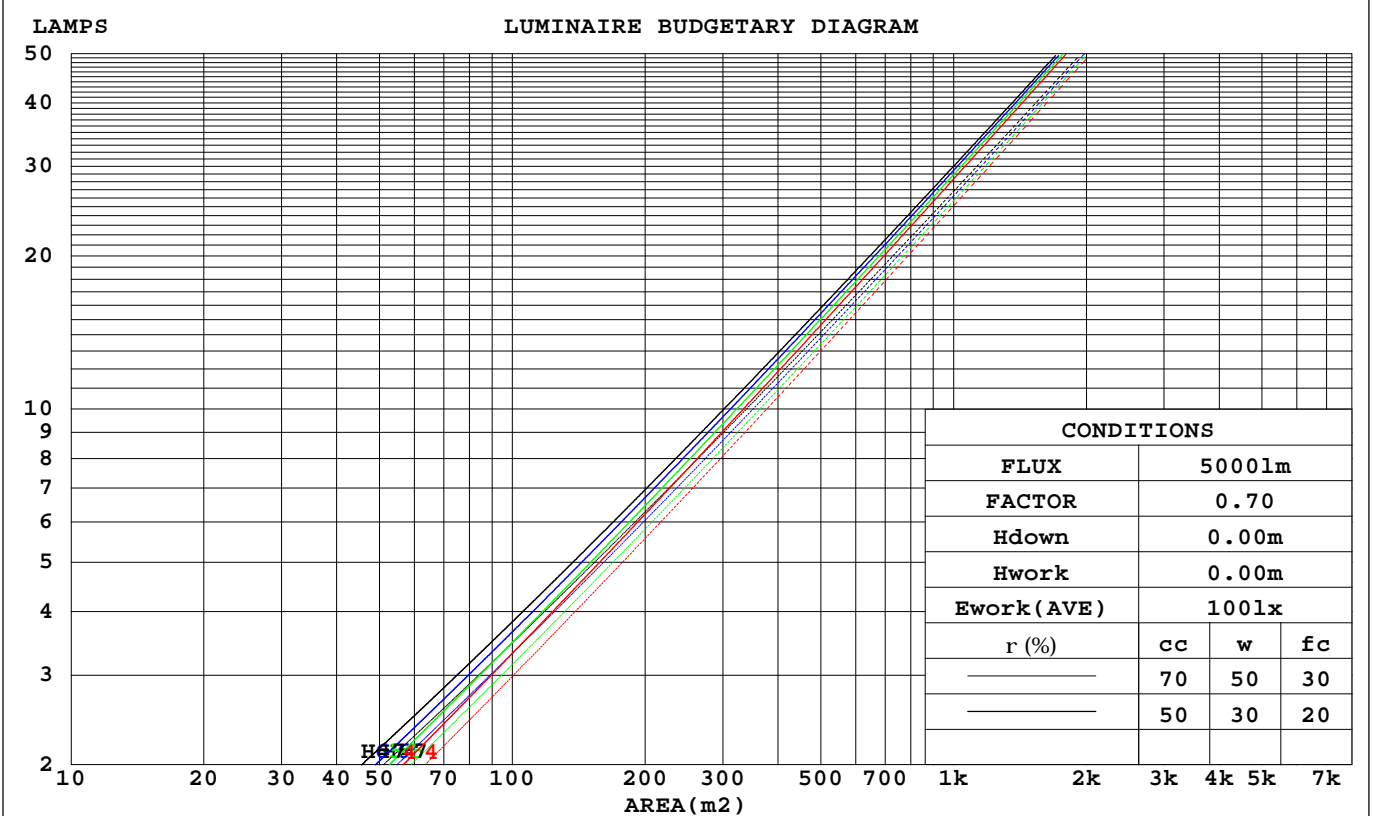
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700		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	.99	.98	.97	.96	.95	.93
2.0	1.05	1.01	.99	1.03	.99	.97	.99	.97	.95	.96	.94	.93	.93	.92	.90	.89
3.0	.99	.95	.92	.98	.94	.91	.95	.92	.89	.93	.90	.88	.90	.88	.86	.85
4.0	.94	.90	.86	.93	.89	.86	.91	.87	.84	.89	.86	.83	.87	.84	.82	.81
5.0	.90	.85	.82	.89	.85	.81	.87	.83	.80	.85	.82	.79	.84	.81	.79	.77
6.0	.86	.81	.78	.85	.81	.77	.84	.80	.77	.82	.79	.76	.81	.78	.75	.74
7.0	.82	.77	.74	.82	.77	.74	.80	.76	.73	.79	.75	.73	.78	.75	.72	.71
8.0	.79	.74	.71	.78	.74	.70	.77	.73	.70	.76	.72	.70	.75	.72	.69	.68
9.0	.76	.71	.68	.75	.71	.68	.74	.70	.67	.73	.70	.67	.73	.69	.67	.66
10.0	.73	.68	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.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): 2700	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	.160	.091	.029	.152	.087	.028	.139	.080	.025	.126	.073	.023	.115	.067	.021	
2.0	.148	.081	.025	.142	.078	.024	.131	.073	.023	.120	.068	.021	.111	.063	.020	
3.0	.139	.074	.022	.134	.072	.022	.124	.067	.020	.115	.063	.019	.107	.059	.018	
4.0	.131	.068	.020	.126	.066	.020	.118	.062	.019	.110	.059	.018	.103	.056	.017	
5.0	.123	.063	.018	.120	.061	.018	.112	.059	.017	.106	.056	.017	.099	.053	.016	
6.0	.117	.059	.017	.114	.057	.017	.107	.055	.016	.102	.053	.016	.096	.051	.015	
7.0	.111	.055	.016	.109	.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	.100	.049	.014	.095	.047	.013	.091	.046	.013	.087	.044	.013	
10.0	.098	.047	.013	.096	.046	.013	.092	.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	.175	.175	.175	.119	.119	.119	.069	.069	.069	.022	.022	.022	
1.0	.184	.172	.160	.157	.147	.138	.108	.101	.095	.062	.059	.056	.020	.019	.018	
2.0	.167	.147	.130	.143	.126	.112	.098	.087	.078	.057	.051	.046	.018	.016	.015	
3.0	.154	.128	.107	.132	.110	.093	.090	.077	.065	.052	.045	.038	.017	.015	.013	
4.0	.142	.113	.090	.122	.097	.078	.084	.068	.055	.048	.040	.033	.016	.013	.011	
5.0	.132	.101	.077	.114	.087	.067	.078	.061	.048	.045	.036	.028	.015	.012	.009	
6.0	.124	.091	.068	.107	.079	.059	.074	.055	.042	.043	.032	.025	.014	.011	.008	
7.0	.117	.083	.060	.101	.072	.052	.070	.051	.037	.040	.030	.022	.013	.010	.007	
8.0	.111	.077	.053	.095	.067	.047	.066	.047	.033	.038	.028	.020	.012	.009	.007	
9.0	.105	.071	.048	.091	.062	.042	.063	.044	.030	.037	.026	.018	.012	.008	.006	
10.0	.101	.067	.044	.087	.058	.039	.060	.041	.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): 2700			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	11.1	11.9	11.3	12.0	12.2	11.9	12.6	12.1	12.8	13.0
3H	11.6	12.3	11.9	12.5	12.8	12.0	12.7	12.2	12.9	13.1
4H	12.2	12.9	12.5	13.1	13.3	12.1	12.7	12.4	13.0	13.2
6H	13.1	13.8	13.4	14.0	14.3	12.2	12.8	12.5	13.1	13.4
8H	13.8	14.4	14.1	14.7	15.0	12.3	12.9	12.6	13.2	13.5
12H	14.7	15.3	15.0	15.6	15.9	12.4	13.0	12.8	13.3	13.6
4H 2H	11.0	11.7	11.3	12.0	12.2	11.8	12.5	12.1	12.7	13.0
3H	11.6	12.2	11.9	12.5	12.8	12.3	12.9	12.6	13.2	13.5
4H	12.2	12.7	12.6	13.1	13.4	12.7	13.2	13.1	13.6	13.9
6H	13.4	13.8	13.8	14.2	14.6	13.2	13.6	13.6	14.0	14.4
8H	14.2	14.7	14.7	15.1	15.5	13.4	13.9	13.8	14.2	14.6
12H	15.4	15.8	15.8	16.2	16.6	13.7	14.1	14.1	14.5	14.9
8H 4H	12.4	12.8	12.8	13.2	13.6	12.9	13.3	13.3	13.7	14.1
6H	13.6	13.9	14.0	14.4	14.8	14.0	14.3	14.4	14.8	15.2
8H	14.5	14.8	15.0	15.3	15.7	14.6	14.9	15.1	15.4	15.9
12H	15.9	16.1	16.4	16.6	17.1	15.3	15.5	15.8	16.0	16.5
12H 4H	12.5	12.9	13.0	13.3	13.8	12.9	13.3	13.3	13.7	14.1
6H	13.8	14.1	14.2	14.5	15.0	14.1	14.4	14.5	14.8	15.3
8H	14.7	15.0	15.2	15.4	15.9	14.9	15.2	15.4	15.7	16.2
Variations with the observer position at spacings:										
s = 1.0H	+ 0.8 / - 0.5					+ 0.6 / - 0.6				
1.5H	+ 1.7 / - 0.6					+ 1.3 / - 0.7				
2.0H	+ 0.9 / - 0.6					+ 0.6 / - 0.8				

CIE Pub.117 Corrected 472.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.6)

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): 2700	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	82	79	87	82	79	75
0.80	96	90	87	95	90	86	94	89	86	82
1.00	100	94	91	99	94	90	97	93	90	86
1.25	103	98	95	102	98	95	100	96	94	89
1.50	106	101	98	105	100	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	111	108	105	109	106	104	106	104	102	95
4.00	113	111	108	111	109	107	107	106	104	96
5.00	115	112	111	112	110	109	108	107	106	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

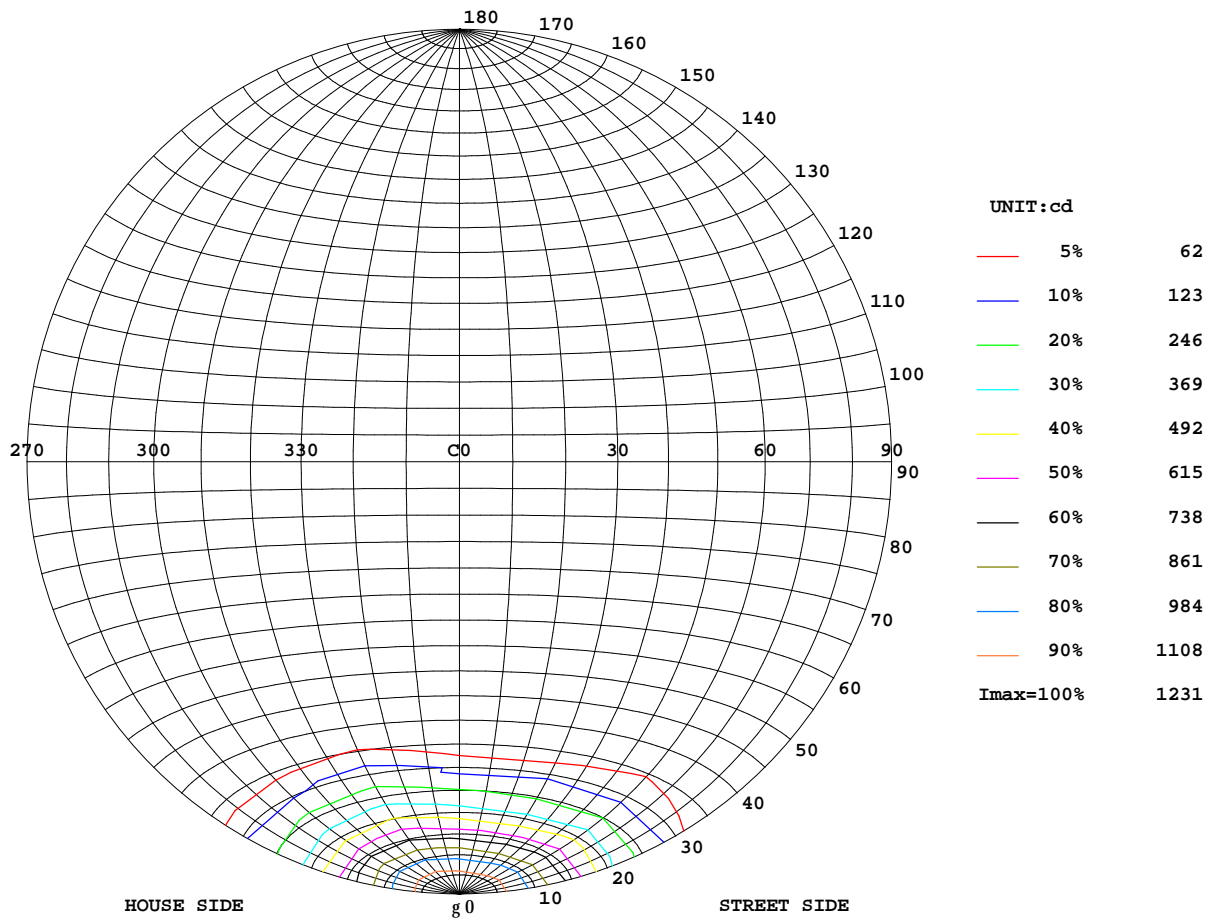
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/26

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): 2700	DIMENSION:	SERIAL No.:



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

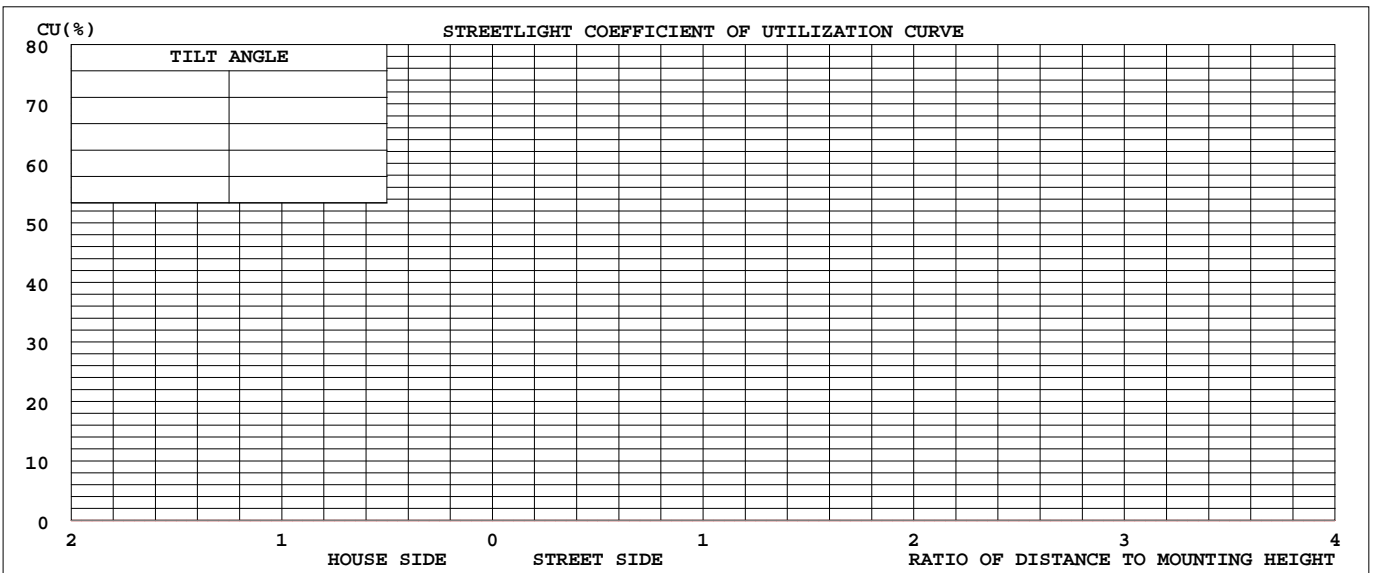
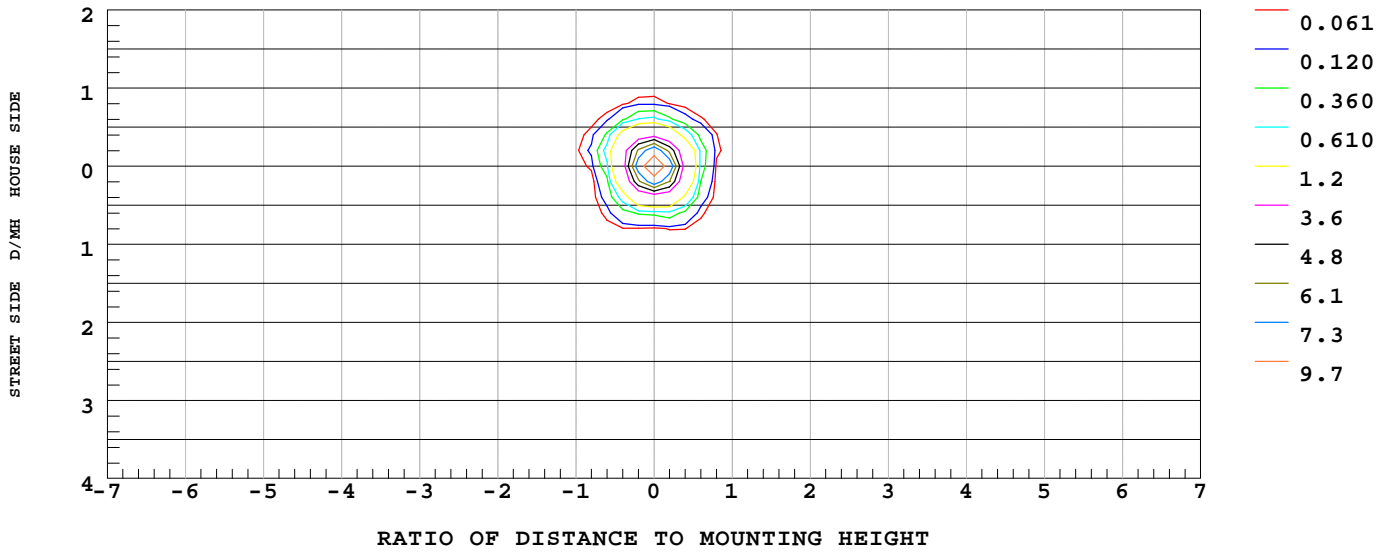
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 12.12 lx



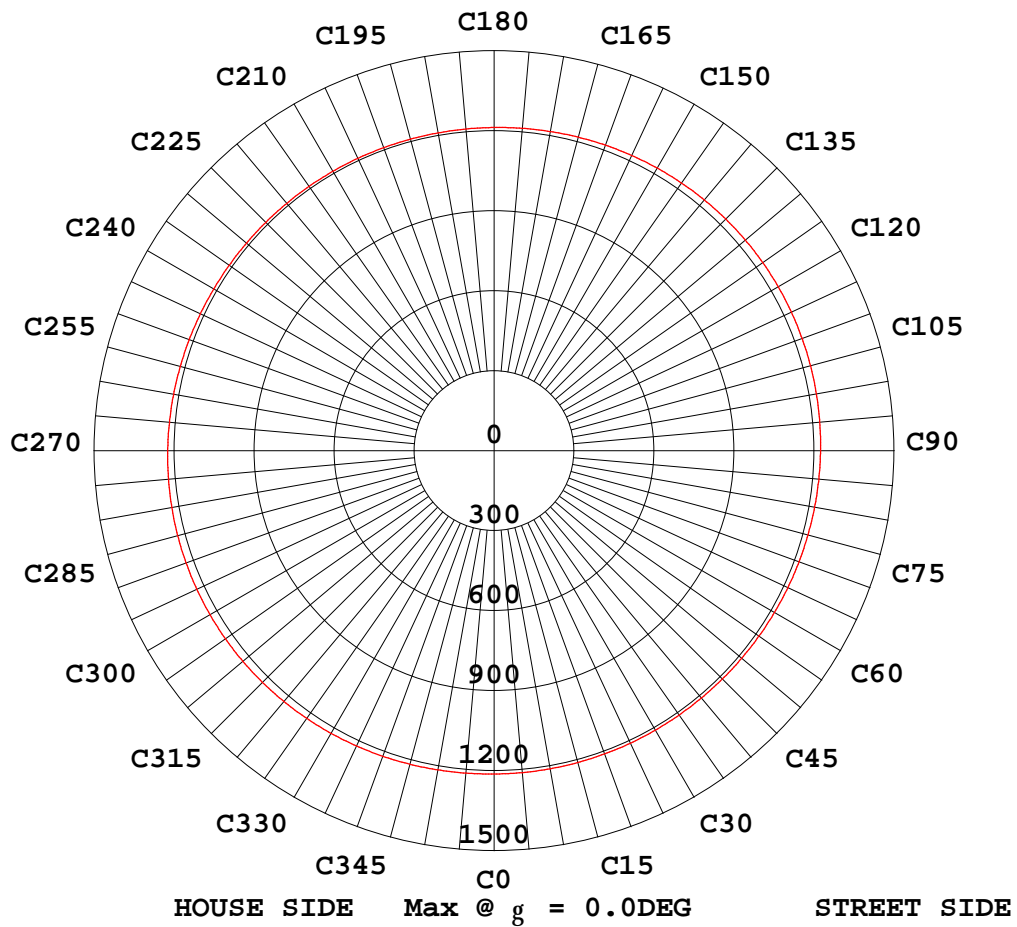
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 2700	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): 2700	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1212	1210	1214	1224	1231	1224	1212	1210	1214	1224	1231	1224
5.0	1134	1133	1148	1150	1158	1137	1152	1145	1133	1152	1157	1167
10.0	939	925	954	947	973	946	967	955	932	963	971	993
15.0	674	661	698	697	737	702	711	699	671	709	727	751
20.0	428	410	459	406	489	453	442	469	419	452	495	525
25.0	251	234	244	210	276	261	246	267	241	286	309	338
30.0	105	104	114	83.4	150	124	98.1	105	107	103	201	202
35.0	31.8	30.6	54.0	19.9	62.9	39.4	23.0	60.2	34.3	42.2	66.0	92.6
40.0	13.5	9.74	19.5	7.58	20.4	10.4	8.04	21.3	9.64	15.3	18.2	28.6
45.0	6.85	3.55	10.4	2.50	10.9	4.10	2.74	10.9	2.78	6.92	4.97	12.6
50.0	5.46	1.67	5.67	1.63	5.77	1.70	1.94	5.88	1.67	5.49	1.77	5.95
55.0	4.76	1.35	4.62	1.18	4.69	1.28	1.60	4.94	1.70	4.87	1.91	5.25
60.0	3.68	0.80	3.79	0.77	3.82	0.73	1.04	4.03	0.77	3.58	0.70	4.07
65.0	3.23	0.66	3.20	0.63	3.20	0.63	0.97	3.27	0.66	3.13	0.63	3.34
70.0	2.92	0.63	2.85	0.56	2.88	0.59	0.91	2.95	0.63	2.81	0.59	2.99
75.0	2.64	0.59	2.57	0.52	2.61	0.56	0.91	2.71	0.63	2.61	0.59	2.74
80.0	2.43	0.59	2.36	0.52	2.40	0.52	0.87	2.50	0.59	2.40	0.59	2.54
85.0	2.26	0.59	2.19	0.52	2.22	0.56	0.87	2.33	0.63	2.26	0.59	2.36
90.0	2.12	0.59	2.05	0.56	2.08	0.56	0.87	2.19	0.63	2.12	0.59	2.19
95.0	2.01	0.63	1.94	0.56	1.94	0.56	0.91	2.05	0.63	2.01	0.63	2.05
100.0	1.91	0.63	1.81	0.56	1.84	0.56	0.91	1.94	0.63	1.87	0.63	1.94
105.0	1.81	0.63	1.74	0.59	1.74	0.59	0.91	1.84	0.63	1.77	0.63	1.84
110.0	1.74	0.66	1.63	0.59	1.67	0.63	0.91	1.74	0.63	1.70	0.63	1.74
115.0	1.67	0.70	1.56	0.63	1.60	0.63	0.94	1.67	0.63	1.60	0.63	1.67
120.0	1.60	0.70	1.53	0.63	1.53	0.66	0.94	1.56	0.63	1.53	0.63	1.56
125.0	1.53	0.73	1.46	0.66	1.46	0.70	0.94	1.49	0.66	1.46	0.66	1.49
130.0	1.49	0.77	1.42	0.73	1.46	0.77	1.00	1.46	0.73	1.39	0.70	1.46
135.0	1.53	0.87	1.46	0.84	1.49	0.87	1.07	1.42	0.77	1.42	0.77	1.49
140.0	1.56	1.00	1.49	0.97	1.56	1.04	1.25	1.49	0.91	1.46	0.91	1.53
145.0	1.77	1.21	1.63	1.21	1.74	1.25	1.46	1.63	1.11	1.60	1.11	1.67
150.0	1.98	1.53	1.87	1.53	1.94	1.53	1.74	1.84	1.39	1.84	1.39	1.87
155.0	2.26	1.87	2.15	1.84	2.22	1.87	2.08	2.08	1.70	2.08	1.74	2.15
160.0	2.57	2.22	2.47	2.22	2.54	2.26	2.47	2.43	2.08	2.43	2.08	2.50
165.0	2.88	2.57	2.78	2.54	2.81	2.57	2.85	2.74	2.43	2.74	2.43	2.78
170.0	3.13	2.85	3.02	2.81	3.06	2.85	3.13	3.02	2.71	3.02	2.74	3.06
175.0	3.34	3.02	3.20	3.20	2.92	3.23	3.37	3.20	2.92	3.20	2.92	3.23
180.0	3.48	3.23	3.02	3.30	2.99	3.30	3.48	3.23	3.02	3.30	2.99	3.30

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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 Test Distance:5.900 m
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