

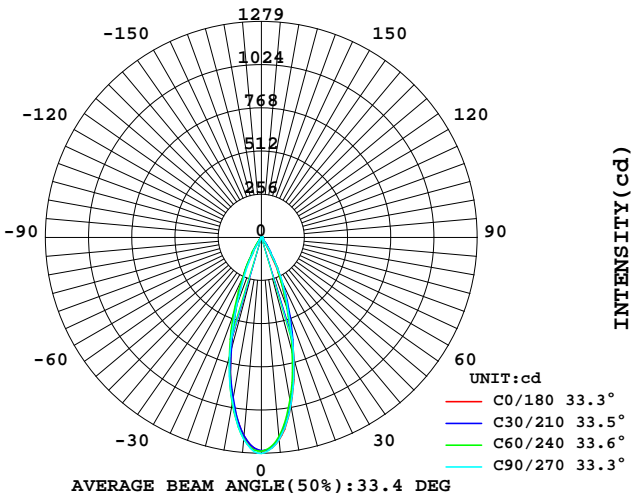
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

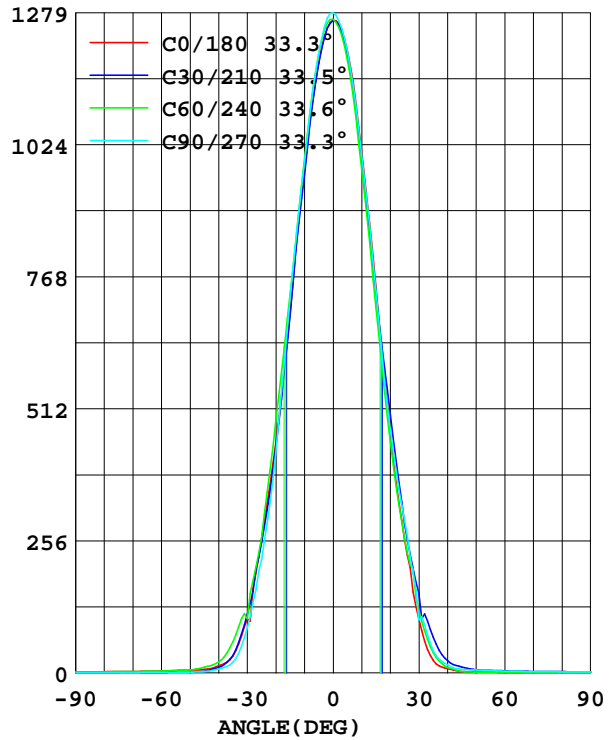
MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1289	S/MH(C0/180)	0.54
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.53
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	492.8	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	56.1	Current(A)	0.075
NOMINAL FLUX(lm)	492.8	h up(%)	1.8	Power(W)	8.790
LAMPS QUANTITY	1	h down(%)	98.2	Power Factor(PF)	0.969
TEST VOLTAGE(V)	120.7	Effective Flux(lm)	492.8	EET	0.201

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



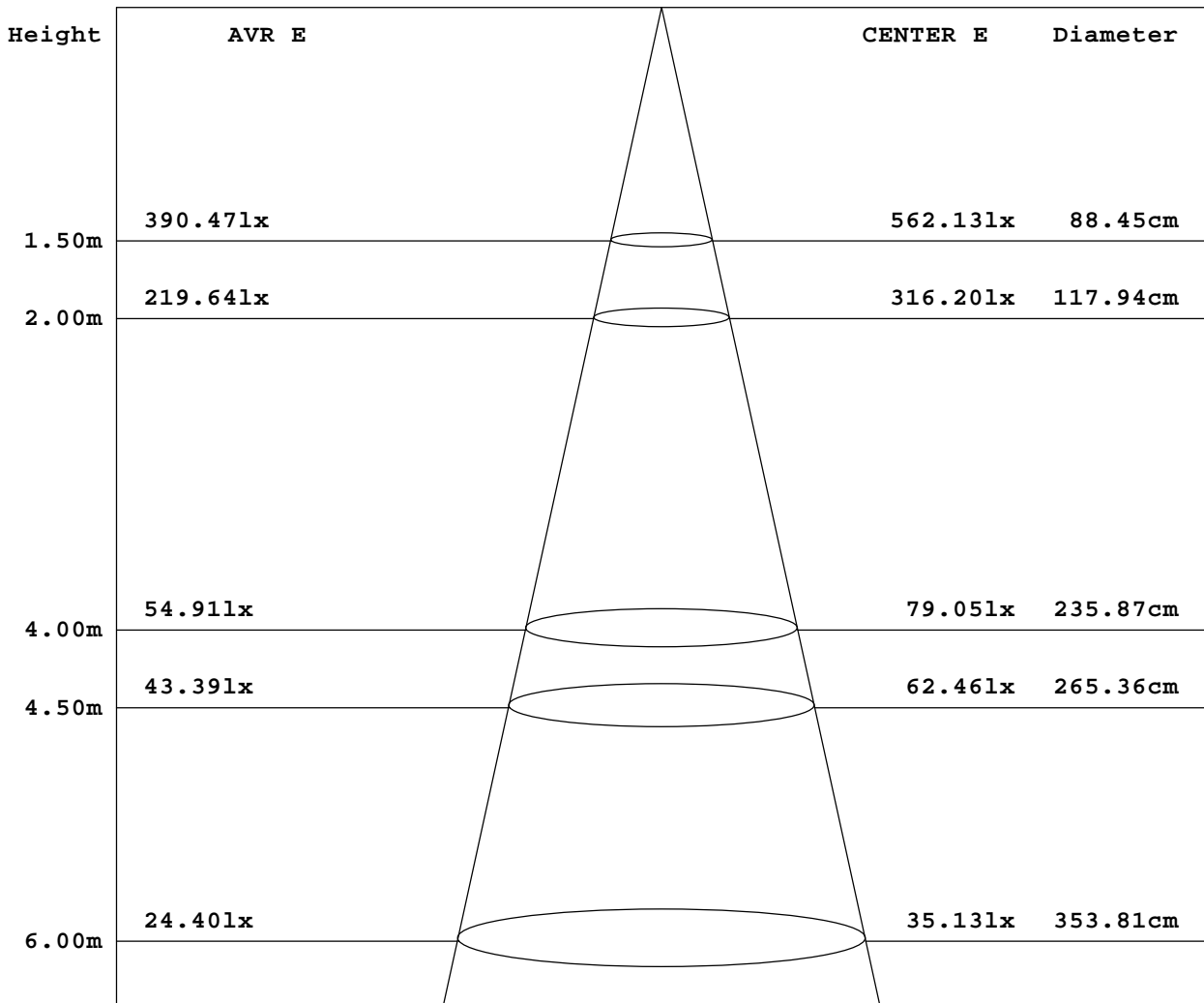
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 3000	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): 3000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tTotal
5.0	1181	1190	1201	1201	1205	1191	1204	1216	0- 5	29.55	29.55
10.0	976.3	982.2	991.1	1003	1012	990.7	1005	1025	5- 10	78.40	107.9
15.0	699.9	715.3	729.7	747.7	748.5	722.6	741.0	766.8	10- 15	102.3	210.2
20.0	445.6	462.5	426.9	485.1	465.8	473.5	470.7	525.0	15- 20	98.23	308.5
25.0	260.7	258.7	220.7	272.5	259.8	276.2	297.2	328.0	20- 25	76.80	385.3
30.0	105.3	109.6	87.33	137.5	104.5	137.4	102.5	184.3	25- 30	50.45	435.7
35.0	32.40	47.20	20.71	50.68	24.61	54.30	43.33	77.33	30- 35	24.74	460.5
40.0	13.88	15.87	7.832	15.45	8.458	17.31	15.83	22.87	35- 40	9.432	469.9
45.0	6.962	7.431	2.610	7.553	2.854	7.397	7.101	8.719	40- 45	3.885	473.8
50.0	5.569	3.776	1.705	3.794	2.018	3.898	5.604	3.916	45- 50	1.995	475.8
55.0	4.838	3.063	1.183	3.063	1.636	3.411	4.977	3.620	50- 55	1.521	477.3
60.0	3.724	2.332	0.801	2.297	1.079	2.436	3.655	2.401	55- 60	1.284	478.6
65.0	3.272	1.966	0.627	1.931	0.975	2.001	3.202	1.984	60- 65	1.035	479.6
70.0	2.924	1.757	0.592	1.740	0.940	1.810	2.854	1.810	65- 70	0.955	480.6
75.0	2.680	1.601	0.522	1.601	0.905	1.670	2.610	1.670	70- 75	0.899	481.5
80.0	2.471	1.496	0.522	1.479	0.870	1.583	2.436	1.566	75- 80	0.853	482.3
85.0	2.297	1.409	0.557	1.392	0.870	1.496	2.262	1.479	80- 85	0.815	483.1
90.0	2.158	1.340	0.557	1.322	0.905	1.409	2.158	1.392	85- 90	0.781	483.9
95.0	2.053	1.287	0.557	1.253	0.905	1.357	2.018	1.340	90- 95	0.746	484.7
100.0	1.914	1.235	0.592	1.200	0.905	1.305	1.914	1.270	95-100	0.711	485.4
105.0	1.844	1.183	0.592	1.166	0.940	1.235	1.810	1.235	100-105	0.675	486.1
110.0	1.775	1.166	0.627	1.131	0.940	1.200	1.705	1.183	105-110	0.638	486.7
115.0	1.670	1.148	0.627	1.113	0.940	1.148	1.636	1.148	110-115	0.598	487.3
120.0	1.636	1.131	0.661	1.096	0.975	1.131	1.531	1.096	115-120	0.558	487.8
125.0	1.566	1.096	0.696	1.079	0.975	1.079	1.462	1.061	120-125	0.520	488.4
130.0	1.531	1.113	0.731	1.113	1.009	1.096	1.427	1.079	125-130	0.487	488.9
135.0	1.531	1.166	0.835	1.183	1.113	1.148	1.427	1.131	130-135	0.466	489.3
140.0	1.636	1.287	1.009	1.305	1.253	1.235	1.496	1.235	135-140	0.456	489.8
145.0	1.810	1.496	1.253	1.514	1.496	1.409	1.636	1.427	140-145	0.460	490.2
150.0	2.053	1.740	1.566	1.775	1.810	1.653	1.844	1.670	145-150	0.473	490.7
155.0	2.332	2.088	1.914	2.106	2.158	1.966	2.158	2.001	150-155	0.481	491.2
160.0	2.680	2.419	2.297	2.454	2.541	2.332	2.506	2.349	155-160	0.470	491.7
165.0	2.993	2.749	2.645	2.784	2.924	2.662	2.854	2.715	160-165	0.428	492.1
170.0	3.272	3.045	2.924	3.063	3.237	2.958	3.132	3.011	165-170	0.346	492.4
175.0	3.481	3.219	3.341	3.185	3.481	3.167	3.341	3.185	170-175	0.226	492.7
180.0	3.585	3.237	3.446	3.289	3.585	3.237	3.446	3.289	175-180	0.079	492.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

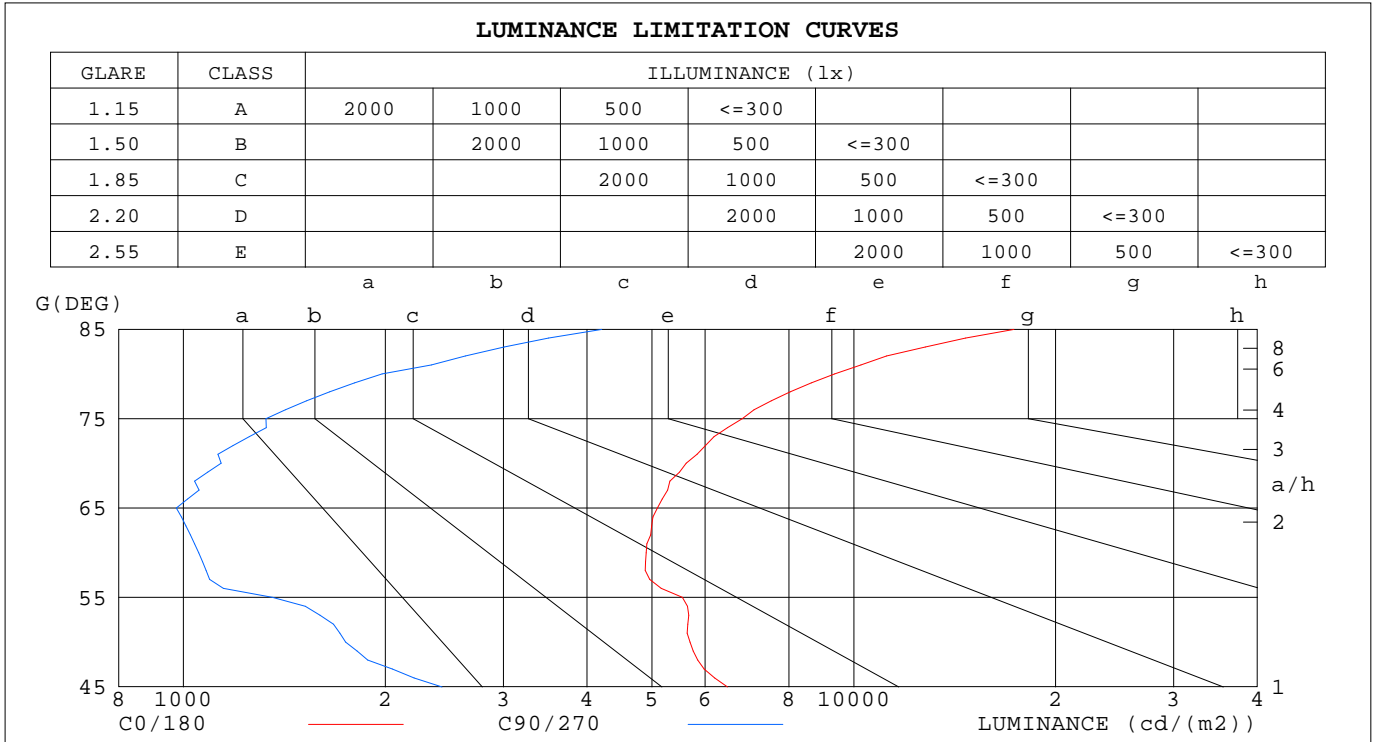
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 3000	DIMENSION:	SERIAL No.:



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	17342	4204
80	9364	1978
75	6813	1327
70	5625	1138
65	5094	975
60	4901	1053
55	5550	1358
50	5700	1746
45	6477	2429

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

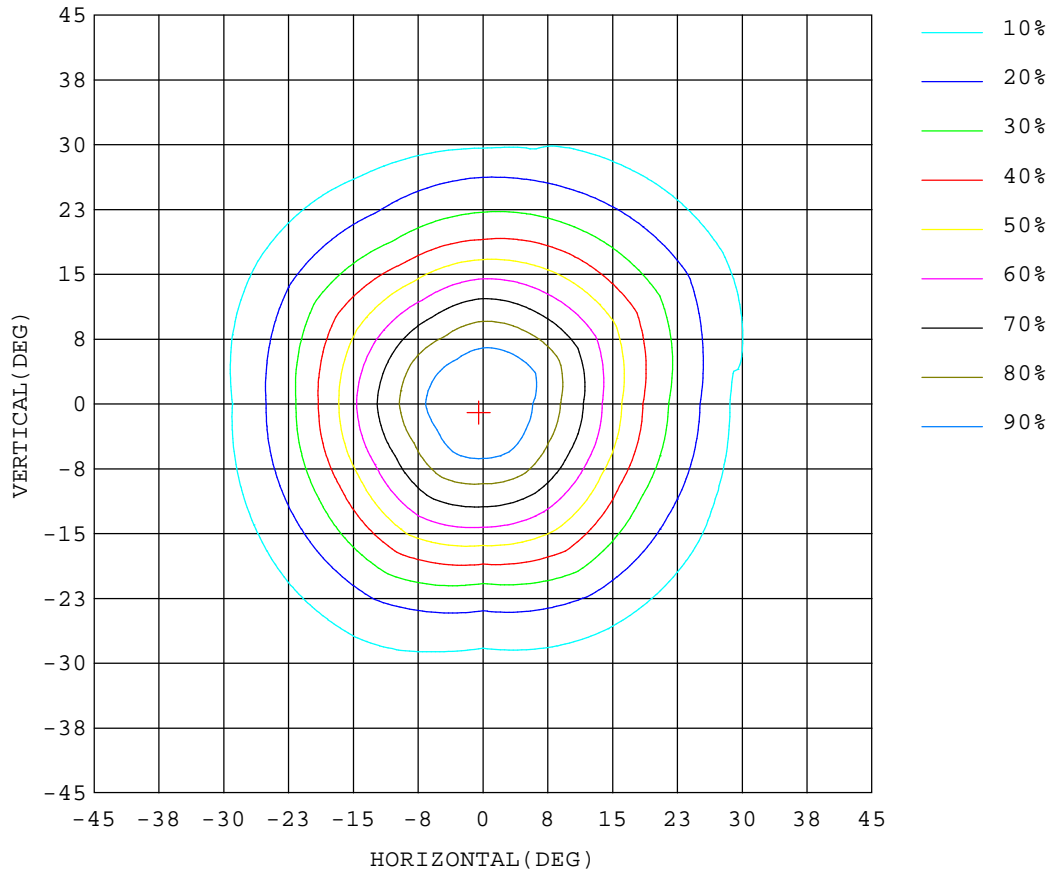
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



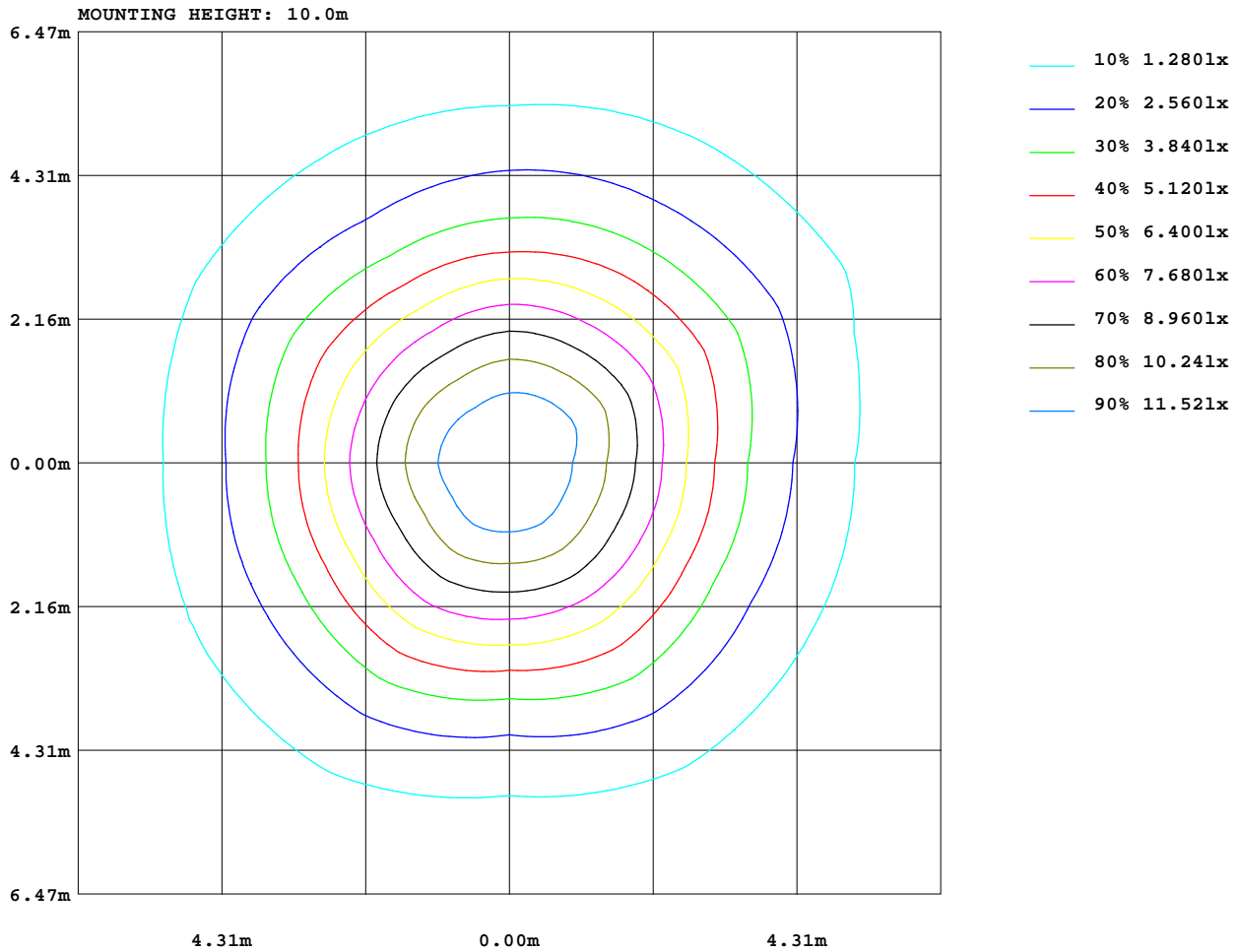
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/26

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): 3000	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): 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	Φ t
45	0.02	0.02	0.02	0.02	0.02	0.03	0.04	0.06	0.07	0.08	0.07	0.06	0.04	0.02	0.02	0.02	0.02	0.02	0.67	0.67
40	0.03	0.03	0.03	0.04	0.05	0.07	0.12	0.16	0.19	0.21	0.20	0.16	0.11	0.07	0.05	0.03	0.03	0.03	1.60	1.60
35	0.03	0.04	0.06	0.09	0.14	0.22	0.36	0.51	0.60	0.64	0.62	0.50	0.34	0.20	0.12	0.07	0.04	0.03	4.59	4.59
30	0.04	0.07	0.11	0.20	0.38	0.61	0.95	1.29	1.53	1.59	1.47	1.22	0.86	0.53	0.27	0.13	0.07	0.04	11.3	11.3
25	0.04	0.09	0.20	0.44	0.77	1.32	1.86	2.38	2.77	2.86	2.65	2.20	1.66	1.05	0.56	0.25	0.10	0.05	21.2	21.2
20	0.05	0.10	0.30	0.71	1.35	2.14	2.96	3.78	4.40	4.52	4.14	3.39	2.51	1.70	0.93	0.39	0.13	0.06	33.6	33.6
15	0.05	0.12	0.38	0.94	1.91	3.11	4.36	5.55	6.46	6.56	5.87	4.74	3.46	2.23	1.19	0.47	0.16	0.06	47.6	47.6
10	0.04	0.12	0.41	1.14	2.31	3.89	5.62	7.20	8.20	8.33	7.45	5.89	4.08	2.51	1.28	0.51	0.17	0.06	59.2	59.2
5	0.04	0.10	0.40	1.22	2.49	4.29	6.41	8.23	9.26	9.38	8.26	6.33	4.21	2.54	1.24	0.47	0.15	0.06	65.1	65.1
0	0.03	0.09	0.38	1.20	2.45	4.25	6.39	8.18	9.34	9.24	8.01	6.14	4.02	2.39	1.15	0.42	0.12	0.05	63.9	63.9
-5	0.03	0.08	0.34	1.08	2.19	3.75	5.61	7.29	8.29	8.23	7.15	5.38	3.53	2.11	1.01	0.36	0.11	0.05	56.6	56.6
-10	0.03	0.07	0.26	0.84	1.76	2.97	4.50	5.89	6.53	6.45	5.67	4.28	2.79	1.66	0.76	0.26	0.09	0.04	44.9	44.9
-15	0.02	0.05	0.17	0.55	1.26	2.10	3.18	4.07	4.40	4.35	3.94	3.05	2.00	1.13	0.50	0.16	0.06	0.03	31.0	31.0
-20	0.01	0.04	0.10	0.32	0.75	1.34	1.93	2.34	2.45	2.43	2.28	1.84	1.21	0.68	0.29	0.10	0.04	0.02	18.1	18.1
-25	0.01	0.03	0.06	0.16	0.39	0.73	1.02	1.17	1.20	1.17	1.10	0.92	0.68	0.37	0.15	0.06	0.02	0.01	9.29	9.29
-30	0.01	0.02	0.04	0.09	0.17	0.33	0.44	0.46	0.42	0.41	0.45	0.42	0.32	0.17	0.09	0.04	0.02	0.01	3.91	3.91
-35	0.01	0.02	0.03	0.06	0.09	0.13	0.15	0.15	0.12	0.12	0.15	0.15	0.13	0.09	0.06	0.03	0.02	0.01	1.50	1.50
-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	0.06	0.04	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	0.06	0.04	0.02	0.02	0.01	0.77	0.77
	-45	-40	-35	-30	-25	-20	-15	-10	0	10	15	20	25	30	35	40	45			
Φ t	0.49	1.10	3.32	9.15	18.5	31.3	46.0	58.8	66.3	66.6	59.5	46.7	32.0	19.5	9.73	3.81	1.36	0.63	493	
Φ a	0.49	1.10	3.32	9.15	18.5	31.3	46.0	58.8	66.3	66.6	59.5	46.7	32.0	19.5	9.73	3.81	1.36	0.63		493

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

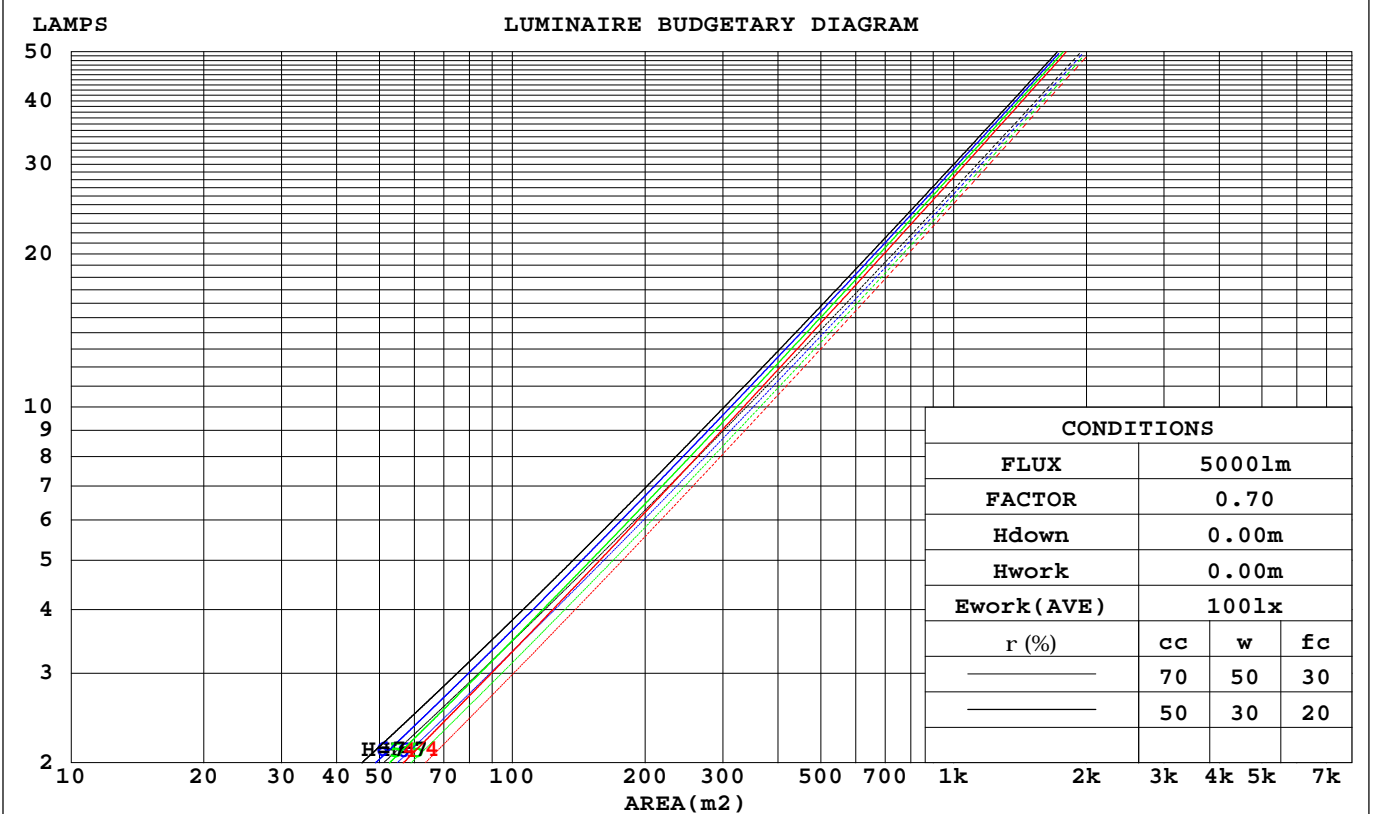
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

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): 3000		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	1.00	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	1.00	.97	.90	.97	.95	.97	.94	.93	.94	.92	.91	.89
3.0	.99	.95	.92	.98	.94	.91	.95	.92	.89	.93	.90	.88	.90	.88	.86	.85
4.0	.95	.90	.86	.93	.89	.86	.91	.87	.85	.89	.86	.83	.87	.84	.82	.81
5.0	.90	.85	.82	.89	.85	.81	.87	.83	.80	.85	.82	.80	.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	.71	.77	.73	.70	.76	.73	.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	.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): 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	.159	.091	.029	.152	.087	.028	.138	.079	.025	.126	.073	.023	.115	.066	.021	
2.0	.148	.081	.025	.142	.078	.024	.131	.073	.023	.120	.067	.021	.110	.062	.020	
3.0	.138	.074	.022	.133	.071	.021	.124	.067	.020	.115	.063	.019	.107	.059	.018	
4.0	.130	.068	.020	.126	.066	.019	.118	.062	.019	.110	.059	.018	.103	.056	.017	
5.0	.123	.063	.018	.119	.061	.018	.112	.058	.017	.106	.056	.017	.099	.053	.016	
6.0	.117	.059	.017	.114	.057	.017	.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	.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	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.184	.171	.160	.157	.147	.138	.107	.101	.095	.062	.059	.055	.020	.019	.018	
2.0	.167	.146	.129	.143	.126	.112	.098	.087	.078	.056	.051	.046	.018	.016	.015	
3.0	.153	.127	.107	.131	.110	.093	.090	.076	.065	.052	.045	.038	.017	.014	.013	
4.0	.142	.112	.090	.121	.097	.078	.084	.068	.055	.048	.040	.033	.016	.013	.011	
5.0	.132	.100	.077	.113	.087	.067	.078	.061	.047	.045	.036	.028	.015	.012	.009	
6.0	.124	.091	.067	.106	.079	.058	.073	.055	.041	.043	.032	.025	.014	.011	.008	
7.0	.116	.083	.059	.100	.072	.052	.069	.050	.037	.040	.030	.022	.013	.010	.007	
8.0	.110	.076	.053	.095	.066	.046	.066	.046	.033	.038	.027	.020	.012	.009	.006	
9.0	.105	.071	.048	.090	.062	.042	.063	.043	.030	.037	.026	.018	.012	.008	.006	
10.0	.100	.066	.044	.086	.058	.038	.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): 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	11.3	12.1	11.5	12.2	12.4	12.2	13.0	12.5	13.2	13.4
3H	11.8	12.5	12.0	12.7	12.9	12.3	13.0	12.6	13.3	13.5
4H	12.3	13.0	12.6	13.2	13.4	12.4	13.1	12.7	13.3	13.6
6H	13.2	13.8	13.5	14.1	14.4	12.5	13.1	12.8	13.4	13.7
8H	13.8	14.4	14.2	14.7	15.0	12.6	13.2	12.9	13.5	13.8
12H	14.7	15.3	15.0	15.6	15.9	12.7	13.3	13.1	13.6	13.9
4H 2H	11.2	11.9	11.5	12.1	12.4	12.2	12.8	12.5	13.1	13.3
3H	11.7	12.3	12.0	12.6	12.9	12.6	13.2	12.9	13.5	13.8
4H	12.3	12.8	12.7	13.2	13.5	13.0	13.5	13.3	13.8	14.1
6H	13.4	13.9	13.8	14.2	14.6	13.4	13.8	13.8	14.2	14.6
8H	14.2	14.7	14.7	15.1	15.5	13.6	14.0	14.0	14.4	14.8
12H	15.4	15.8	15.8	16.2	16.6	13.9	14.3	14.3	14.7	15.1
8H 4H	12.5	12.9	12.9	13.3	13.7	13.1	13.6	13.5	14.0	14.4
6H	13.6	14.0	14.0	14.4	14.8	14.1	14.5	14.6	14.9	15.3
8H	14.5	14.8	15.0	15.3	15.7	14.7	15.0	15.2	15.5	16.0
12H	15.8	16.1	16.3	16.6	17.1	15.4	15.6	15.9	16.1	16.6
12H 4H	12.6	13.0	13.0	13.4	13.8	13.1	13.5	13.5	13.9	14.3
6H	13.8	14.1	14.3	14.6	15.0	14.2	14.5	14.7	15.0	15.4
8H	14.7	15.0	15.2	15.4	15.9	15.0	15.3	15.5	15.8	16.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 0.5					+ 0.7 / - 0.6				
1.5H	+ 1.7 / - 0.7					+ 1.4 / - 0.8				
2.0H	+ 0.8 / - 0.6					+ 0.6 / - 0.8				

CIE Pub.117 Corrected 492.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.5)

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): 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	89	83	79	88	83	79	87	82	79	75
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	94	91	99	94	91	97	93	90	86
1.25	103	98	95	102	98	95	100	96	94	89
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	111	108	105	110	107	104	106	104	102	95
4.00	113	111	109	111	109	107	107	106	104	97
5.00	115	112	111	112	111	109	108	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

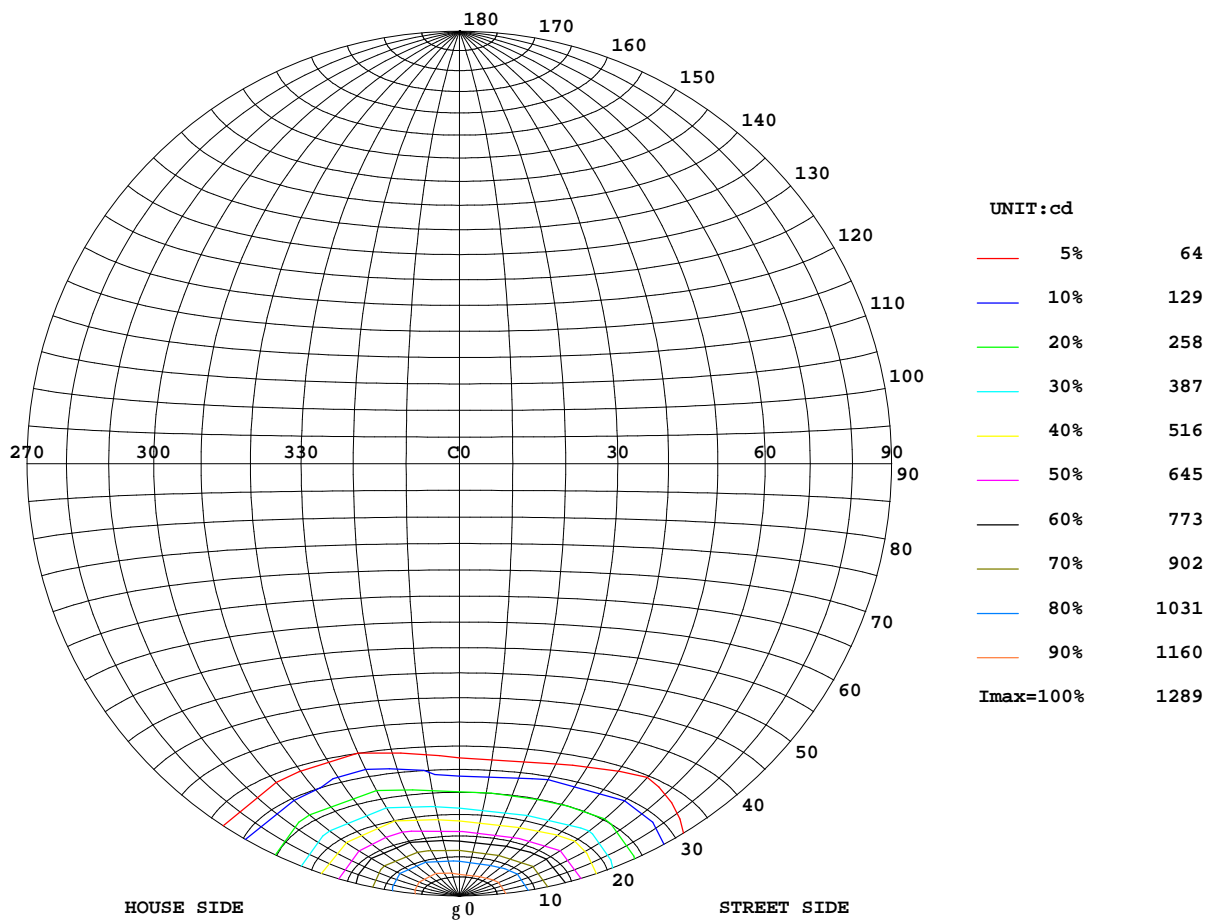
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 3000	DIMENSION:	SERIAL No.:



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

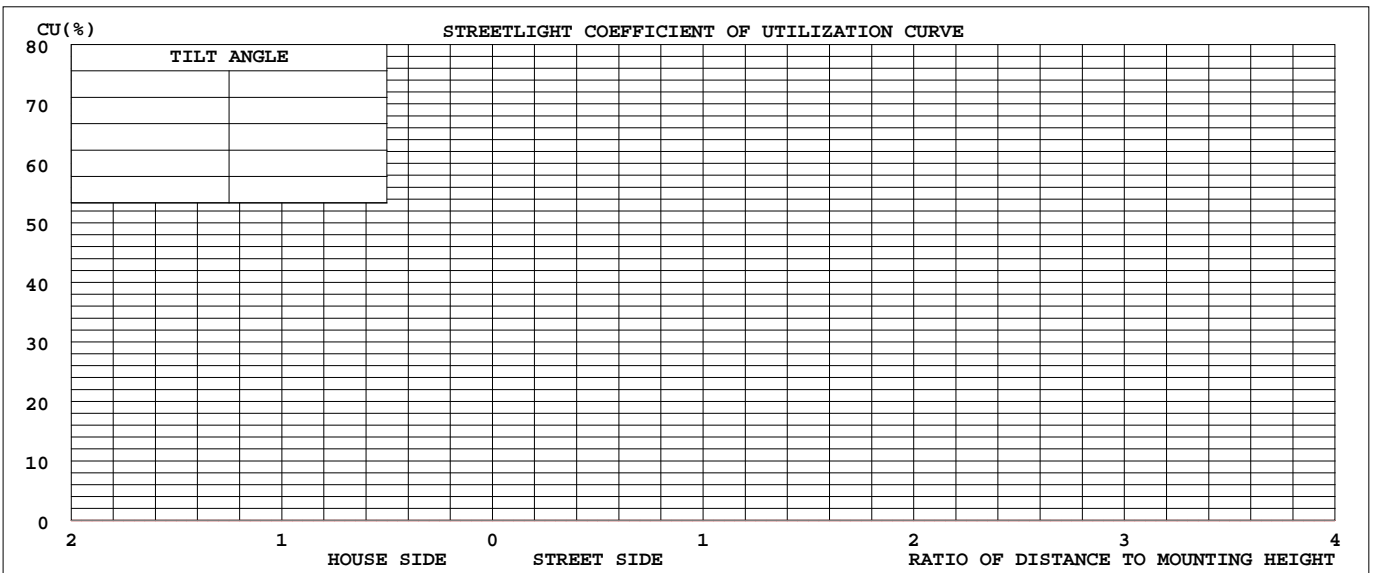
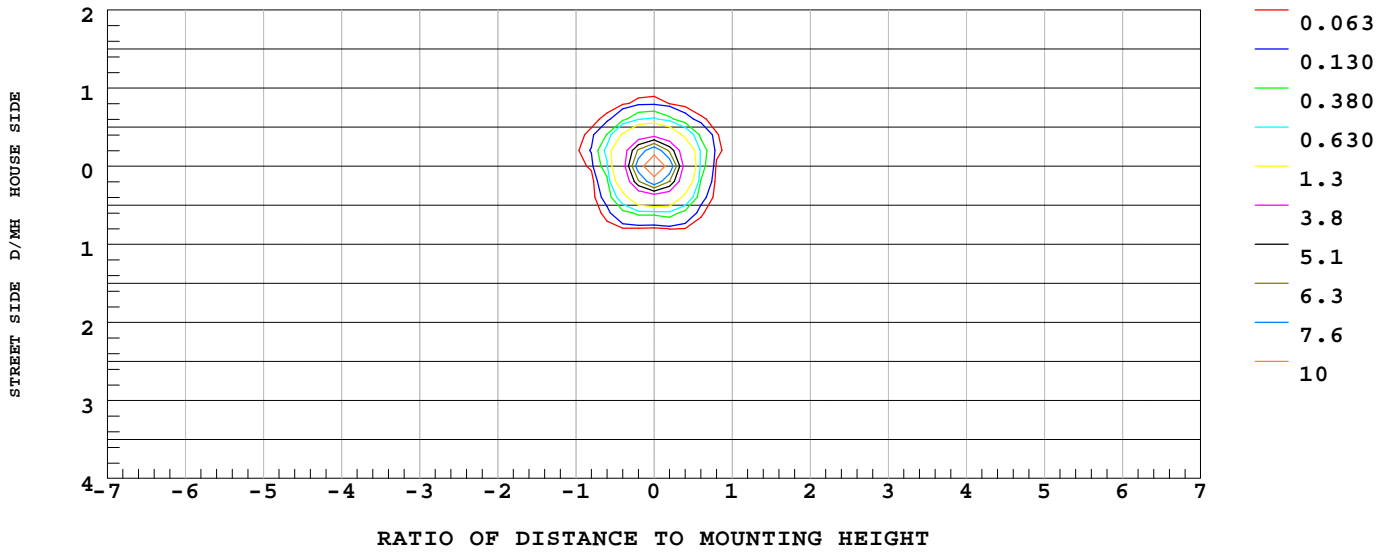
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 12.65 lx



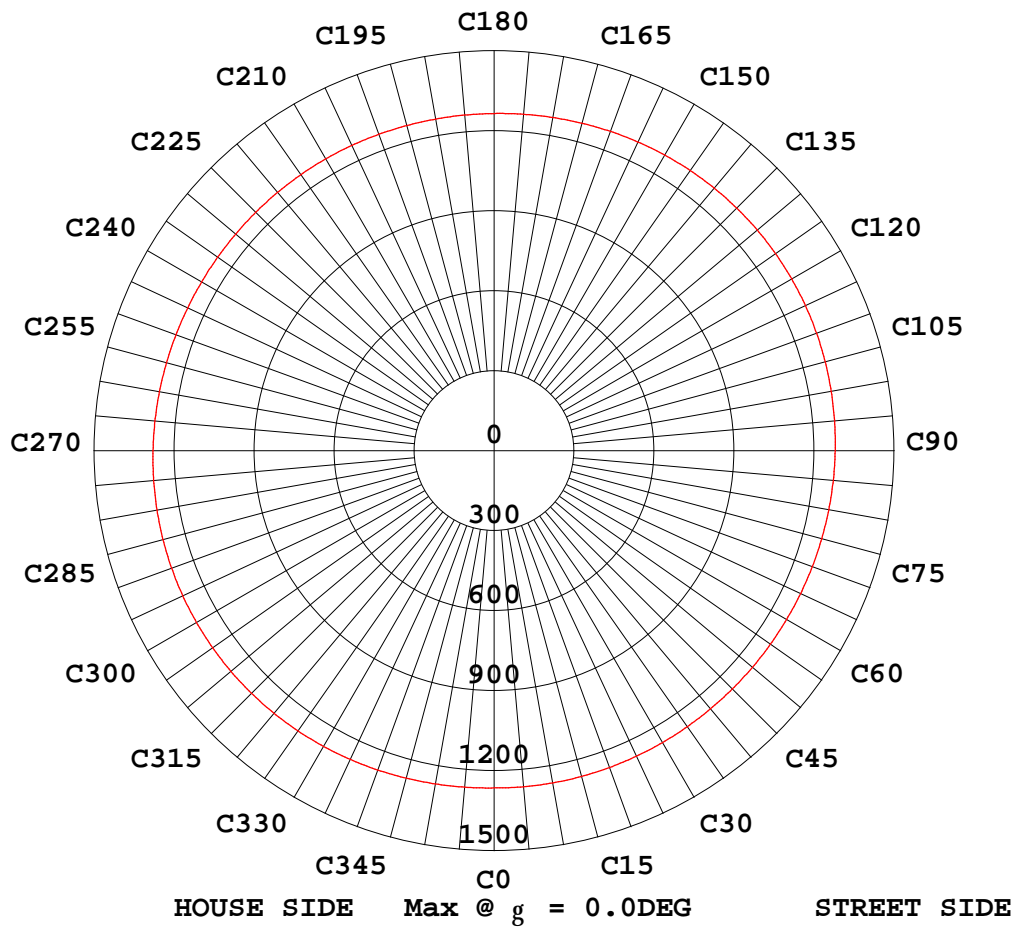
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 3000	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): 3000	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1265	1264	1267	1279	1289	1281	1265	1264	1267	1279	1289	1281
5.0	1181	1181	1198	1201	1211	1192	1205	1197	1186	1204	1211	1222
10.0	976	966	998	991	1016	989	1012	1003	978	1005	1014	1037
15.0	700	695	736	730	766	729	749	738	707	741	755	779
20.0	446	437	488	427	503	467	466	500	447	471	510	540
25.0	261	253	264	221	280	265	260	290	262	297	313	343
30.0	105	114	105	87.3	150	125	105	155	120	103	167	202
35.0	32.4	33.9	60.4	20.7	62.1	39.1	24.6	69.0	39.5	43.3	64.0	90.6
40.0	13.8	10.5	21.1	7.83	20.3	10.5	8.45	23.6	10.9	15.8	17.7	28.0
45.0	6.96	3.68	11.1	2.61	10.9	4.14	2.85	11.7	3.06	7.10	4.90	12.5
50.0	5.56	1.70	5.84	1.70	5.84	1.74	2.01	6.05	1.74	5.60	1.84	5.98
55.0	4.83	1.39	4.73	1.18	4.76	1.35	1.63	5.04	1.77	4.97	1.94	5.29
60.0	3.72	0.80	3.86	0.80	3.82	0.77	1.07	4.10	0.77	3.65	0.73	4.07
65.0	3.27	0.70	3.23	0.63	3.23	0.63	0.97	3.34	0.66	3.20	0.63	3.34
70.0	2.92	0.63	2.88	0.59	2.88	0.59	0.94	2.99	0.63	2.85	0.59	3.02
75.0	2.68	0.59	2.61	0.52	2.64	0.56	0.91	2.74	0.59	2.61	0.59	2.74
80.0	2.47	0.59	2.40	0.52	2.43	0.52	0.87	2.54	0.63	2.43	0.59	2.54
85.0	2.29	0.59	2.22	0.56	2.22	0.56	0.87	2.36	0.63	2.26	0.59	2.36
90.0	2.15	0.59	2.08	0.56	2.08	0.56	0.91	2.19	0.63	2.15	0.59	2.19
95.0	2.05	0.63	1.94	0.56	1.94	0.56	0.91	2.08	0.63	2.01	0.59	2.08
100.0	1.91	0.63	1.84	0.59	1.84	0.56	0.91	1.98	0.63	1.91	0.59	1.94
105.0	1.84	0.63	1.74	0.59	1.74	0.59	0.94	1.84	0.63	1.81	0.63	1.84
110.0	1.77	0.66	1.67	0.63	1.67	0.59	0.94	1.77	0.63	1.70	0.63	1.74
115.0	1.67	0.70	1.60	0.63	1.60	0.63	0.94	1.67	0.63	1.63	0.63	1.67
120.0	1.63	0.73	1.53	0.66	1.53	0.66	0.97	1.60	0.66	1.53	0.63	1.56
125.0	1.56	0.73	1.46	0.70	1.46	0.70	0.97	1.49	0.66	1.46	0.63	1.49
130.0	1.53	0.80	1.42	0.73	1.46	0.77	1.00	1.46	0.73	1.42	0.70	1.46
135.0	1.53	0.87	1.46	0.84	1.49	0.87	1.11	1.49	0.80	1.42	0.77	1.49
140.0	1.63	1.04	1.53	1.00	1.56	1.04	1.25	1.53	0.94	1.49	0.94	1.53
145.0	1.81	1.28	1.70	1.25	1.74	1.28	1.49	1.67	1.14	1.63	1.14	1.70
150.0	2.05	1.56	1.91	1.56	1.98	1.56	1.81	1.87	1.42	1.84	1.42	1.91
155.0	2.33	1.94	2.22	1.91	2.26	1.94	2.15	2.15	1.77	2.15	1.81	2.19
160.0	2.68	2.29	2.54	2.29	2.61	2.29	2.54	2.50	2.15	2.50	2.15	2.54
165.0	2.99	2.64	2.85	2.64	2.88	2.68	2.92	2.81	2.50	2.85	2.54	2.88
170.0	3.27	2.95	3.13	2.92	3.16	2.95	3.23	3.09	2.81	3.13	2.85	3.16
175.0	3.48	3.13	3.30	3.34	3.02	3.34	3.48	3.30	3.02	3.34	3.02	3.34
180.0	3.58	3.37	3.09	3.44	3.13	3.44	3.58	3.37	3.09	3.44	3.13	3.44

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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