

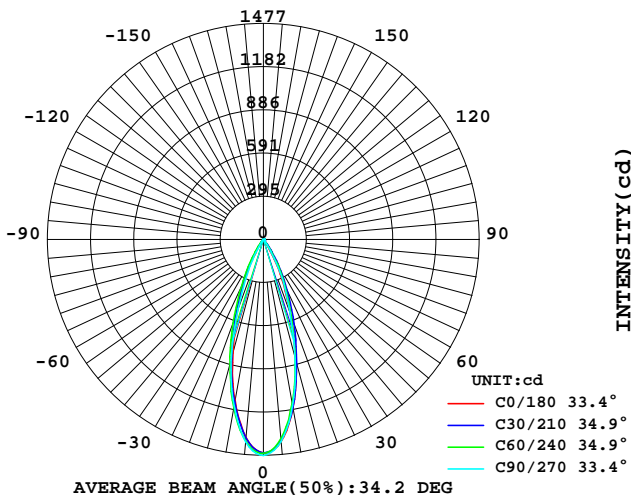
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

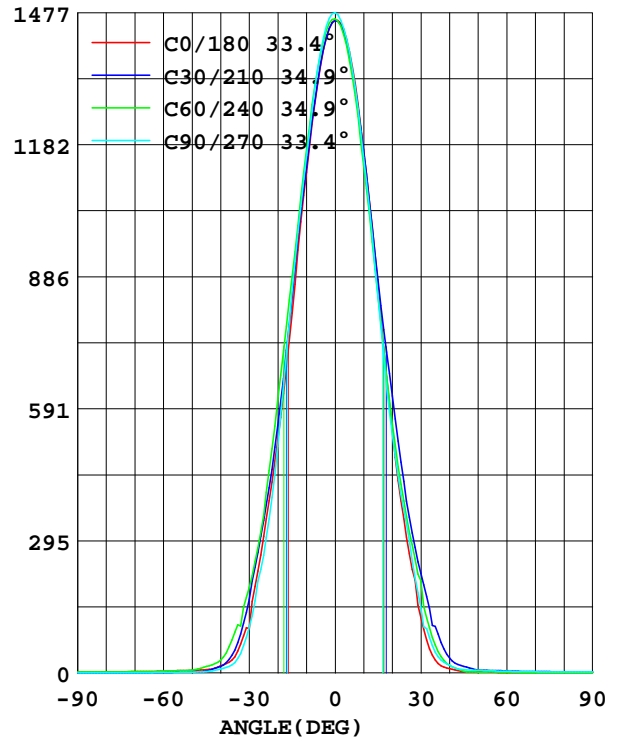
MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	1488	S/MH(C0/180)	0.54
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.54
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	567.6	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	63.6	Current(A)	0.076
NOMINAL FLUX(lm)	567.6	h up(%)	1.6	Power(W)	8.920
LAMPS QUANTITY	1	h down(%)	98.4	Power Factor(PF)	0.969
TEST VOLTAGE(V)	120.7	Effective Flux(lm)	567.6	EEL	0.183

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



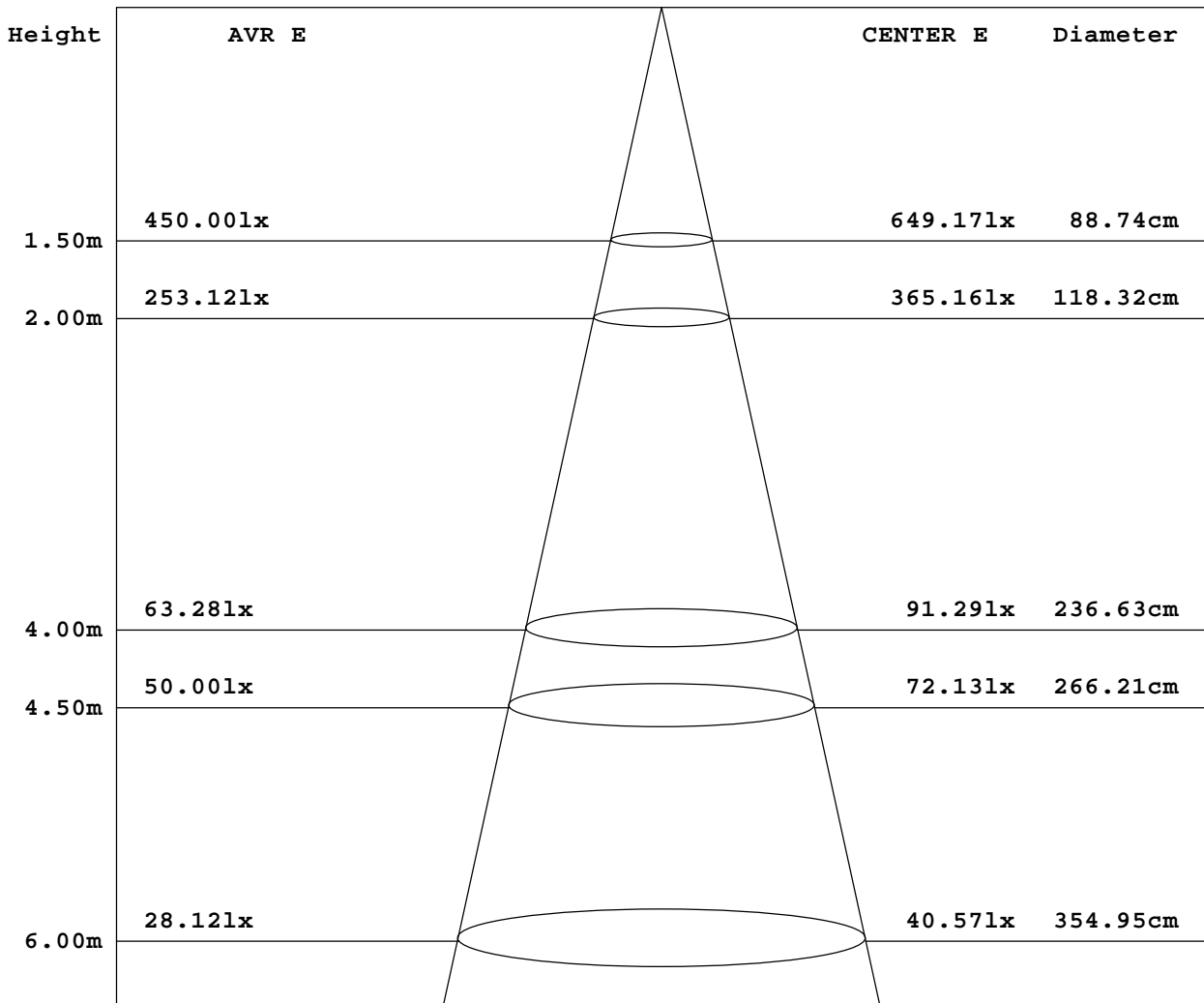
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 5000	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): 5000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tBtal
5.0	1360	1375	1391	1390	1389	1375	1389	1403	0- 5	34.13	34.13
10.0	1120	1152	1157	1143	1171	1153	1153	1172	5- 10	90.50	124.6
15.0	805.0	864.1	856.9	827.3	869.6	861.2	842.7	858.9	10- 15	118.1	242.7
20.0	521.0	582.6	506.7	516.1	543.0	588.1	532.8	567.6	15- 20	113.7	356.5
25.0	305.5	347.1	262.8	272.5	304.2	367.3	334.1	330.4	20- 25	89.10	445.6
30.0	99.41	178.3	102.5	111.4	123.9	214.7	147.0	168.1	25- 30	58.87	504.5
35.0	36.48	71.02	23.56	43.21	28.75	83.49	46.26	62.65	30- 35	28.34	532.8
40.0	15.83	21.61	8.946	14.23	9.746	25.18	17.19	19.26	35- 40	10.65	543.5
45.0	7.379	9.590	2.993	7.083	3.237	9.485	7.518	8.075	40- 45	4.322	547.8
50.0	5.848	4.159	1.914	3.950	2.227	4.368	5.882	4.003	45- 50	2.176	550.0
55.0	5.047	3.376	1.322	3.115	1.775	3.863	5.186	3.655	50- 55	1.621	551.6
60.0	3.794	2.471	0.835	2.349	1.113	2.628	3.724	2.401	55- 60	1.349	552.9
65.0	3.341	2.036	0.661	1.949	1.009	2.088	3.237	2.001	60- 65	1.064	554.0
70.0	2.993	1.827	0.592	1.757	0.975	1.914	2.889	1.827	65- 70	0.977	555.0
75.0	2.680	1.670	0.522	1.583	0.905	1.757	2.645	1.670	70- 75	0.918	555.9
80.0	2.471	1.531	0.557	1.462	0.905	1.636	2.471	1.583	75- 80	0.868	556.8
85.0	2.297	1.444	0.557	1.392	0.905	1.549	2.297	1.496	80- 85	0.829	557.6
90.0	2.158	1.374	0.557	1.305	0.905	1.479	2.193	1.409	85- 90	0.794	558.4
95.0	2.053	1.322	0.592	1.270	0.940	1.409	2.053	1.357	90- 95	0.759	559.1
100.0	1.949	1.253	0.592	1.218	0.940	1.357	1.949	1.287	95-100	0.724	559.9
105.0	1.844	1.235	0.592	1.166	0.940	1.287	1.844	1.235	100-105	0.685	560.5
110.0	1.775	1.200	0.627	1.148	0.940	1.235	1.740	1.200	105-110	0.648	561.2
115.0	1.705	1.166	0.661	1.113	0.940	1.183	1.670	1.148	110-115	0.607	561.8
120.0	1.601	1.131	0.661	1.096	0.940	1.166	1.566	1.096	115-120	0.567	562.4
125.0	1.566	1.131	0.696	1.079	0.975	1.131	1.496	1.079	120-125	0.527	562.9
130.0	1.566	1.166	0.766	1.113	1.044	1.148	1.462	1.079	125-130	0.495	563.4
135.0	1.566	1.253	0.870	1.183	1.113	1.218	1.462	1.113	130-135	0.475	563.9
140.0	1.670	1.409	1.079	1.305	1.287	1.340	1.531	1.253	135-140	0.471	564.3
145.0	1.879	1.636	1.322	1.549	1.531	1.549	1.740	1.444	140-145	0.484	564.8
150.0	2.193	1.931	1.670	1.862	1.879	1.827	2.018	1.757	145-150	0.504	565.3
155.0	2.541	2.297	2.088	2.262	2.297	2.210	2.367	2.140	150-155	0.521	565.8
160.0	2.924	2.697	2.541	2.662	2.749	2.610	2.784	2.575	155-160	0.516	566.4
165.0	3.306	3.098	2.924	3.080	3.167	2.993	3.167	2.976	160-165	0.473	566.8
170.0	3.620	3.411	3.272	3.393	3.550	3.341	3.515	3.341	165-170	0.384	567.2
175.0	3.863	3.602	3.759	3.585	3.829	3.550	3.759	3.585	170-175	0.252	567.5
180.0	3.968	3.655	3.829	3.672	3.968	3.655	3.829	3.672	175-180	0.088	567.6
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:

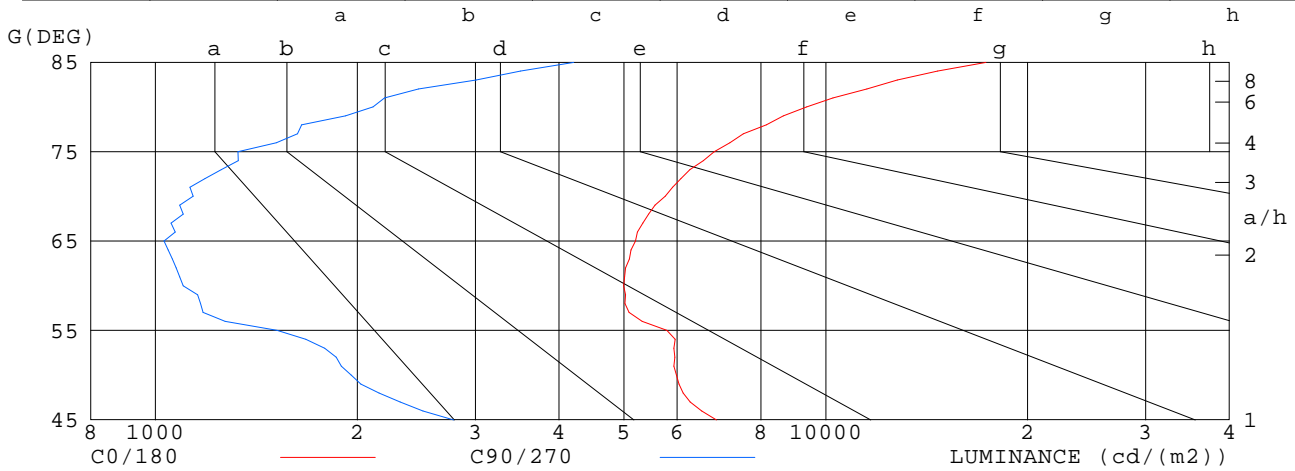
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300	<=300	<=300	<=300	<=300
1.15	A								
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



G (DEG)	LUMINANCE cd/m2	
	C0/180	C90/270
85	17342	4204
80	9364	2110
75	6813	1327
70	5758	1138
65	5202	1030
60	4992	1099
55	5789	1517
50	5986	1960
45	6866	2785

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

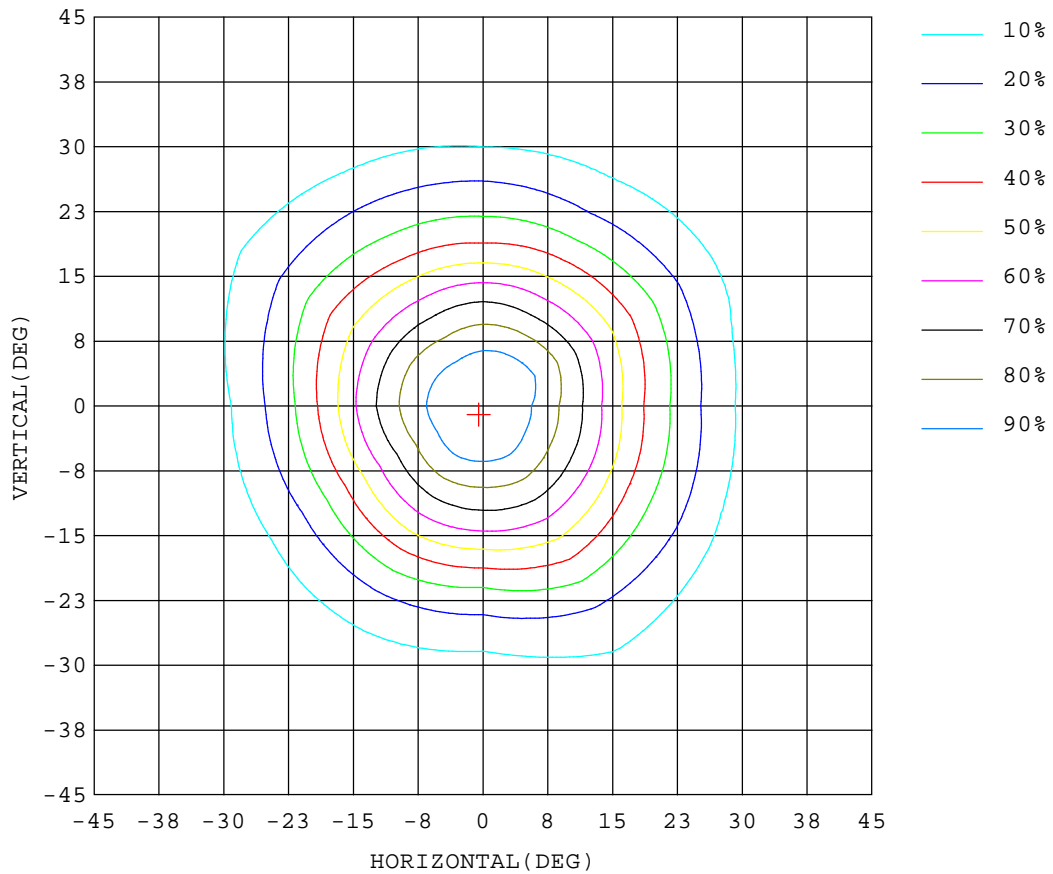
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

UNIT: cd



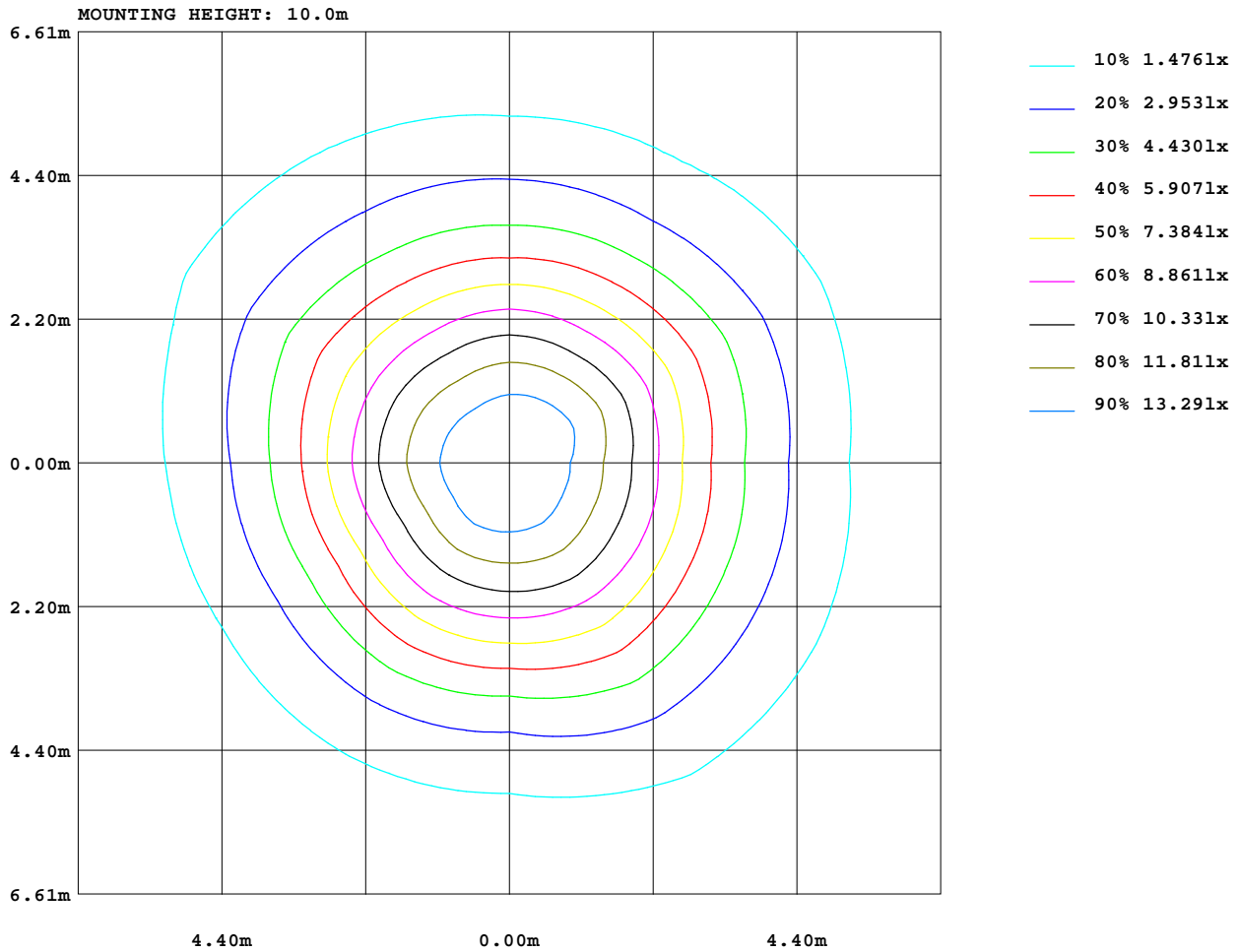
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/26

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): 5000	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): 5000	
		DIMENSION:	
		WEIGHT:	
		SERIAL No.:	

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φt	Φa
	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45	
45	0.02	0.03	0.03	0.02	0.02	0.04	0.06	0.07	0.08	0.08	0.07	0.05	0.03	0.02	0.02	0.02	0.02	0.02	0.72	0.72
40	0.03	0.03	0.04	0.05	0.08	0.11	0.16	0.20	0.22	0.21	0.18	0.14	0.09	0.06	0.05	0.03	0.03	0.03	1.73	1.73
35	0.03	0.05	0.08	0.13	0.21	0.34	0.51	0.64	0.69	0.66	0.57	0.42	0.26	0.16	0.10	0.06	0.04	0.03	4.97	4.97
30	0.04	0.08	0.15	0.30	0.56	0.94	1.36	1.67	1.80	1.75	1.51	1.14	0.73	0.43	0.22	0.11	0.07	0.04	12.9	12.9
25	0.05	0.11	0.29	0.64	1.18	1.86	2.46	2.95	3.21	3.17	2.80	2.18	1.59	0.93	0.48	0.21	0.09	0.05	24.2	24.2
20	0.06	0.14	0.45	1.07	1.89	2.81	3.74	4.57	5.09	5.09	4.53	3.58	2.56	1.65	0.82	0.34	0.12	0.06	38.6	38.6
15	0.06	0.17	0.53	1.35	2.51	3.91	5.30	6.57	7.46	7.47	6.57	5.22	3.71	2.29	1.14	0.44	0.15	0.06	54.9	54.9
10	0.05	0.16	0.56	1.50	2.87	4.72	6.68	8.40	9.47	9.58	8.49	6.62	4.54	2.74	1.37	0.50	0.16	0.06	68.5	68.5
5	0.04	0.13	0.50	1.51	2.97	5.06	7.48	9.52	10.7	10.8	9.48	7.22	4.82	2.90	1.44	0.50	0.16	0.06	75.3	75.3
0	0.03	0.10	0.43	1.39	2.79	4.87	7.32	9.41	10.7	10.6	9.26	7.14	4.75	2.87	1.43	0.49	0.14	0.06	73.9	73.9
-5	0.03	0.09	0.36	1.15	2.37	4.11	6.24	8.28	9.56	9.58	8.41	6.46	4.34	2.65	1.32	0.46	0.13	0.05	65.6	65.6
-10	0.03	0.07	0.25	0.82	1.77	3.12	4.89	6.58	7.53	7.60	6.82	5.28	3.58	2.22	1.07	0.36	0.11	0.04	52.2	52.2
-15	0.02	0.05	0.15	0.51	1.17	2.12	3.34	4.46	5.07	5.20	4.85	3.89	2.66	1.62	0.73	0.23	0.08	0.03	36.2	36.2
-20	0.02	0.04	0.09	0.28	0.68	1.25	1.93	2.51	2.82	2.95	2.89	2.45	1.73	0.99	0.42	0.14	0.05	0.02	21.2	21.2
-25	0.01	0.03	0.06	0.14	0.34	0.66	0.96	1.21	1.37	1.46	1.48	1.34	0.97	0.53	0.22	0.09	0.03	0.01	10.9	10.9
-30	0.01	0.02	0.04	0.08	0.15	0.28	0.40	0.46	0.45	0.50	0.59	0.58	0.48	0.24	0.12	0.06	0.02	0.01	4.49	4.49
-35	0.01	0.02	0.03	0.05	0.09	0.12	0.14	0.14	0.13	0.15	0.20	0.20	0.18	0.12	0.07	0.04	0.02	0.01	1.71	1.71
-40	0.01	0.02	0.02	0.04	0.05	0.06	0.06	0.06	0.05	0.06	0.08	0.09	0.09	0.07	0.04	0.03	0.02	0.01	0.85	0.85
-45	0.01	0.02	0.02	0.04	0.05	0.06	0.06	0.06	0.05	0.06	0.08	0.09	0.09	0.07	0.04	0.03	0.02	0.01	0.85	0.85
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φt	0.56	1.33	4.05	11.0	21.7	36.4	53.0	67.7	76.5	77.0	68.8	54.0	37.1	22.5	11.0	4.10	1.45	0.66	568	
Φa	0.56	1.33	4.05	11.0	21.7	36.4	53.0	67.7	76.5	77.0	68.8	54.0	37.1	22.5	11.0	4.10	1.45	0.66		568

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

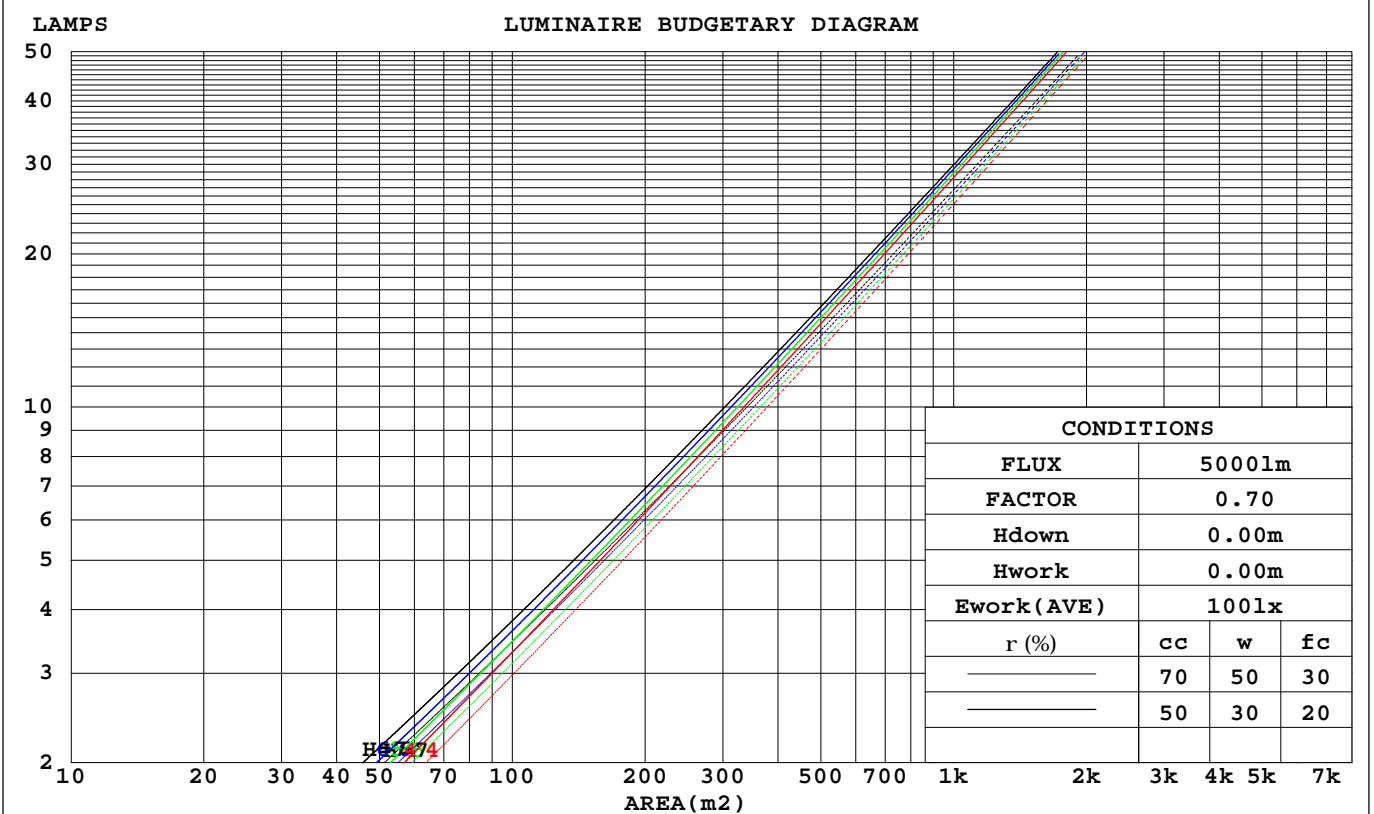
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000		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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.97	.96	.95	.94
2.0	1.05	1.02	.99	1.03	1.00	.98	.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	.87	.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	.78	.84	.80	.77	.82	.79	.76	.81	.78	.76	.74
7.0	.83	.78	.74	.82	.77	.74	.81	.76	.74	.79	.76	.73	.78	.75	.73	.71
8.0	.79	.74	.71	.79	.74	.71	.78	.73	.70	.76	.73	.70	.75	.72	.70	.69
9.0	.76	.71	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.73	.69	.67	.66
10.0	.73	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.70	.67	.65	.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): 5000	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	.028	.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	.125	.066	.019	.117	.062	.019	.110	.059	.018	.102	.056	.017	
5.0	.123	.062	.018	.119	.061	.018	.112	.058	.017	.105	.055	.017	.099	.053	.016	
6.0	.116	.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	.098	.049	.014	.094	.048	.014	.090	.046	.013	
9.0	.101	.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	.043	.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	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.182	.170	.159	.156	.146	.137	.107	.100	.095	.061	.058	.055	.020	.019	.018	
2.0	.165	.145	.128	.142	.125	.111	.097	.086	.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	.120	.096	.077	.083	.067	.054	.048	.039	.032	.015	.013	.011	
5.0	.130	.099	.076	.112	.086	.066	.077	.060	.047	.045	.035	.028	.014	.011	.009	
6.0	.122	.089	.066	.105	.077	.057	.072	.054	.041	.042	.032	.024	.014	.010	.008	
7.0	.115	.081	.058	.099	.071	.050	.068	.049	.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	.103	.070	.047	.089	.060	.041	.062	.042	.029	.036	.025	.017	.012	.008	.006	
10.0	.099	.065	.042	.085	.056	.037	.059	.040	.026	.034	.023	.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): 5000			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	12.4	13.2	12.7	13.4	13.6	13.3	14.0	13.5	14.2	14.4
3H	12.7	13.4	13.0	13.6	13.8	13.3	14.0	13.6	14.2	14.4
4H	13.0	13.7	13.3	14.0	14.2	13.3	14.0	13.6	14.2	14.5
6H	13.7	14.3	14.0	14.6	14.8	13.4	14.0	13.7	14.3	14.5
8H	14.2	14.8	14.5	15.1	15.3	13.4	14.0	13.7	14.3	14.6
12H	14.9	15.5	15.2	15.7	16.0	13.5	14.1	13.8	14.4	14.7
4H 2H	12.3	13.0	12.6	13.2	13.5	13.1	13.8	13.4	14.1	14.3
3H	12.6	13.2	12.9	13.5	13.8	13.4	14.0	13.7	14.3	14.6
4H	13.0	13.5	13.4	13.8	14.2	13.7	14.2	14.0	14.5	14.8
6H	13.8	14.3	14.2	14.6	15.0	14.0	14.4	14.4	14.8	15.2
8H	14.5	14.9	14.9	15.3	15.7	14.1	14.6	14.5	14.9	15.3
12H	15.4	15.8	15.9	16.2	16.6	14.3	14.7	14.8	15.1	15.5
8H 4H	13.1	13.5	13.5	13.9	14.3	13.8	14.2	14.2	14.6	15.0
6H	13.9	14.3	14.4	14.7	15.1	14.5	14.9	15.0	15.3	15.7
8H	14.7	15.0	15.1	15.4	15.9	15.0	15.3	15.5	15.8	16.3
12H	15.8	16.1	16.3	16.5	17.1	15.5	15.8	16.0	16.3	16.8
12H 4H	13.2	13.6	13.6	14.0	14.4	13.7	14.1	14.2	14.5	15.0
6H	14.1	14.4	14.5	14.8	15.3	14.6	14.9	15.1	15.3	15.8
8H	14.8	15.1	15.3	15.6	16.1	15.3	15.6	15.8	16.0	16.5
Variations with the observer position at spacings:										
s = 1.0H	+ 0.9 / - 0.7					+ 1.0 / - 0.9				
1.5H	+ 1.9 / - 0.9					+ 2.2 / - 1.1				
2.0H	+ 0.9 / - 0.6					+ 0.5 / - 0.8				

CIE Pub.117 Corrected 567.6 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.0)

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): 5000	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	109	104	101	107	103	101	104	101	99	93
2.50	110	106	104	108	105	103	105	103	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			

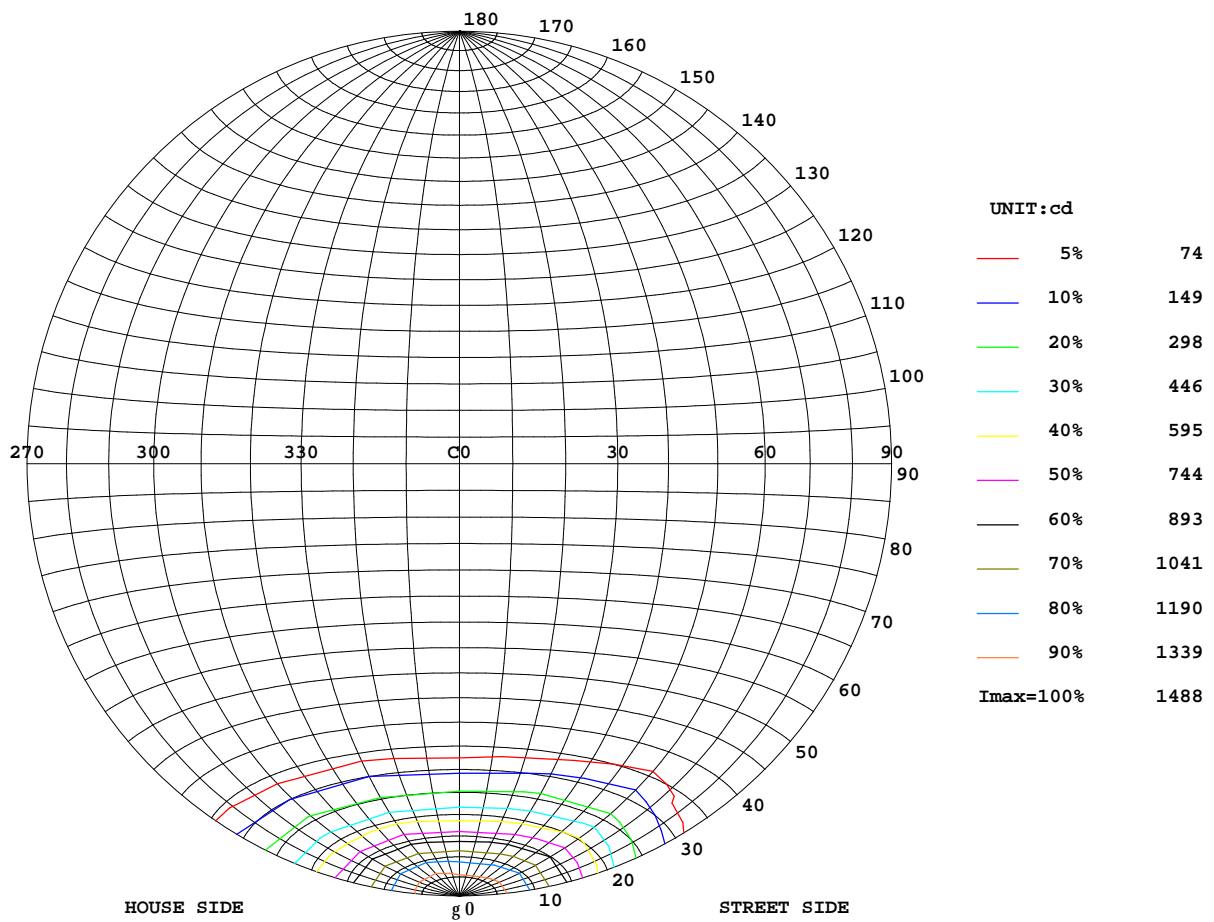
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 5000	DIMENSION:	SERIAL No.:



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

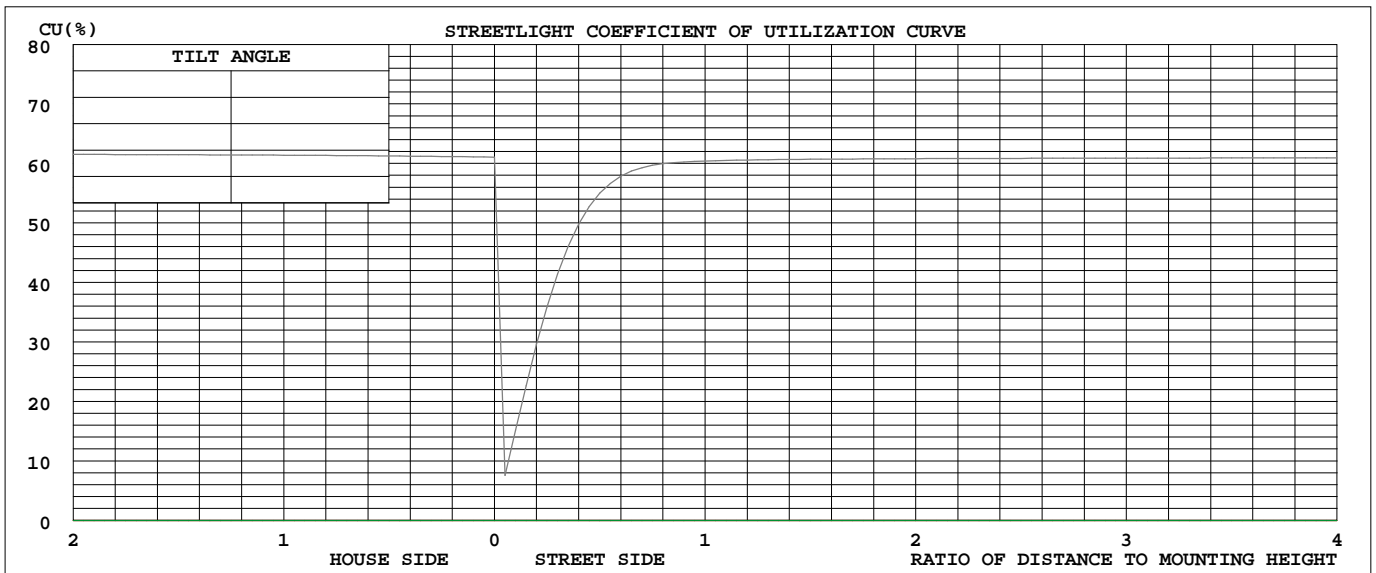
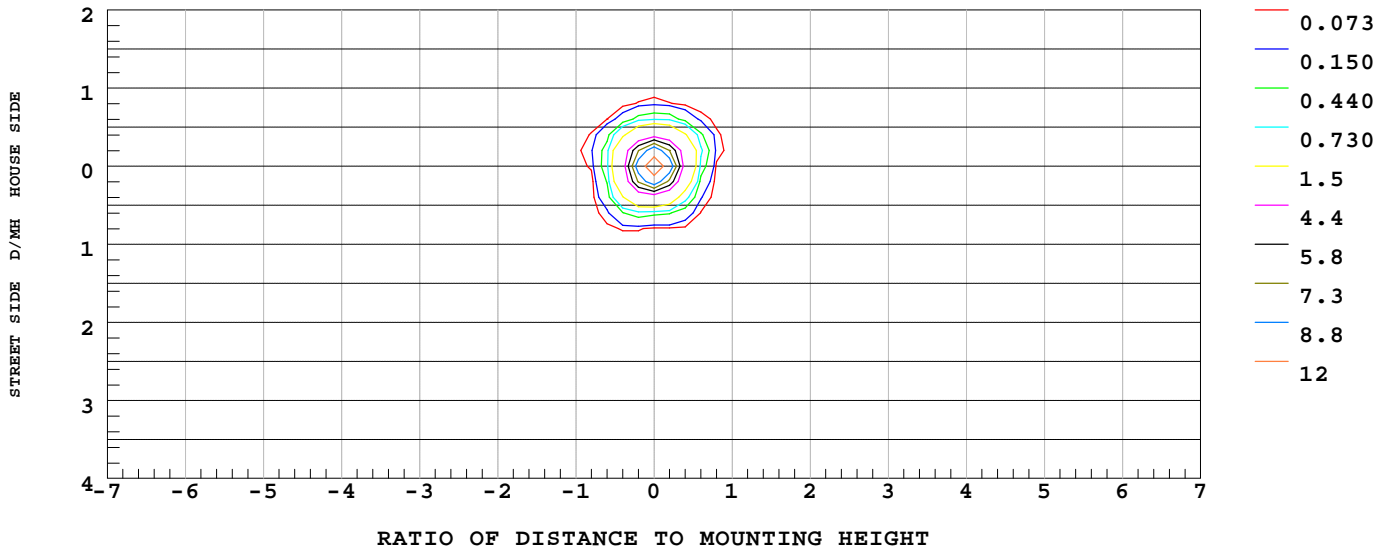
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-BK-2SR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 14.61 lx



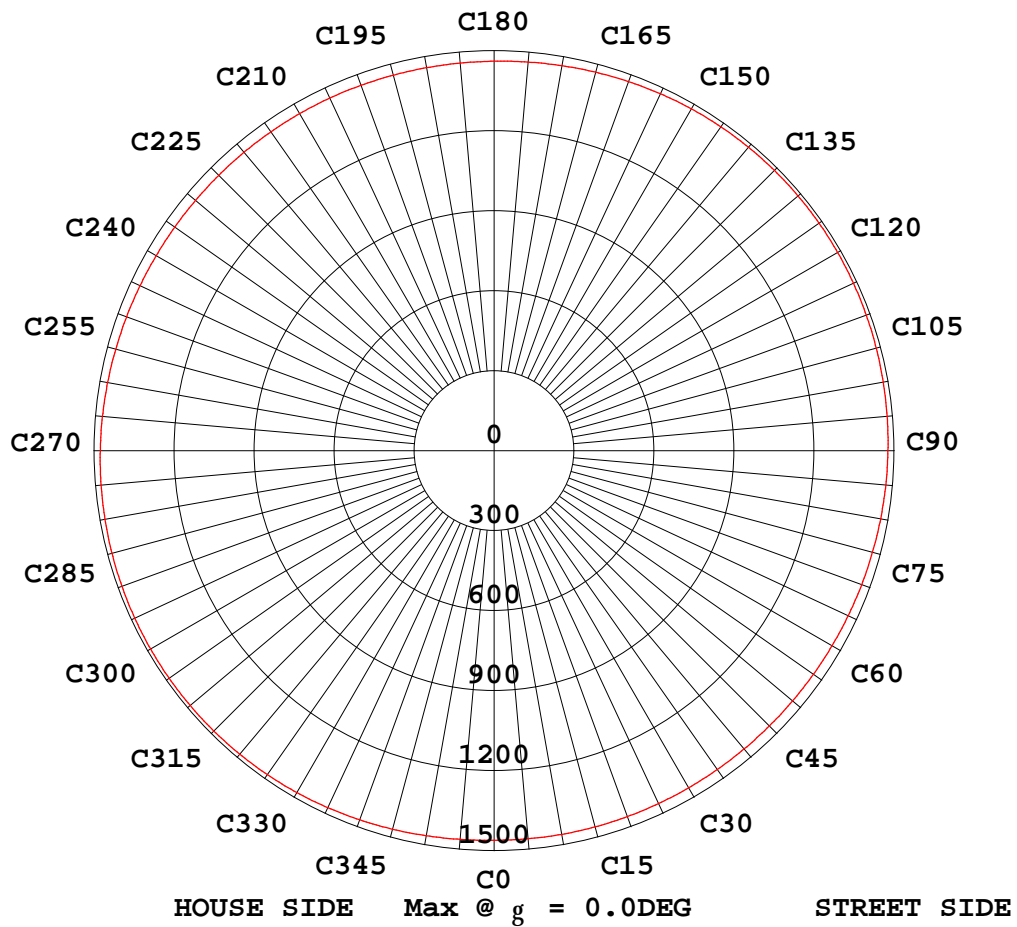
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/26

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): 5000	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): 5000	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1461	1460	1464	1477	1488	1481	1461	1460	1464	1477	1488	1481
5.0	1360	1364	1386	1391	1400	1379	1389	1380	1370	1389	1398	1408
10.0	1120	1131	1172	1157	1159	1126	1171	1170	1137	1153	1159	1185
15.0	805	841	887	857	850	804	870	880	843	843	847	871
20.0	521	554	611	507	535	498	543	620	557	533	546	589
25.0	306	341	353	263	279	266	304	384	350	334	310	351
30.0	99.4	165	192	103	106	117	124	223	207	147	147	189
35.0	36.4	51.1	90.9	23.5	52.5	33.8	28.7	105	62.4	46.2	49.0	76.3
40.0	15.8	14.6	28.6	8.94	18.6	9.85	9.74	33.3	17.0	17.1	13.9	24.5
45.0	7.37	4.80	14.3	2.99	10.1	4.03	3.23	14.8	4.07	7.51	4.38	11.7
50.0	5.84	1.91	6.40	1.91	5.95	1.94	2.22	6.68	2.05	5.88	1.98	6.02
55.0	5.04	1.63	5.11	1.32	4.76	1.46	1.77	5.53	2.19	5.18	2.01	5.29
60.0	3.79	0.84	4.10	0.84	3.86	0.84	1.11	4.42	0.84	3.72	0.77	4.03
65.0	3.34	0.70	3.37	0.66	3.23	0.66	1.00	3.48	0.70	3.23	0.66	3.34
70.0	2.99	0.63	3.02	0.59	2.88	0.63	0.97	3.16	0.66	2.88	0.63	3.02
75.0	2.68	0.59	2.74	0.52	2.61	0.56	0.91	2.88	0.63	2.64	0.59	2.74
80.0	2.47	0.59	2.47	0.56	2.40	0.52	0.91	2.64	0.63	2.47	0.63	2.54
85.0	2.29	0.59	2.29	0.56	2.22	0.56	0.91	2.47	0.63	2.29	0.63	2.36
90.0	2.15	0.59	2.15	0.56	2.05	0.56	0.91	2.29	0.66	2.19	0.59	2.22
95.0	2.05	0.63	2.01	0.59	1.94	0.59	0.94	2.15	0.66	2.05	0.63	2.08
100.0	1.94	0.63	1.87	0.59	1.84	0.59	0.94	2.05	0.66	1.94	0.63	1.94
105.0	1.84	0.66	1.81	0.59	1.74	0.59	0.94	1.91	0.66	1.84	0.63	1.84
110.0	1.77	0.66	1.74	0.63	1.67	0.63	0.94	1.81	0.66	1.74	0.63	1.77
115.0	1.70	0.70	1.63	0.66	1.60	0.63	0.94	1.70	0.66	1.67	0.63	1.67
120.0	1.60	0.70	1.56	0.66	1.53	0.66	0.94	1.63	0.70	1.56	0.63	1.56
125.0	1.56	0.77	1.49	0.70	1.46	0.70	0.97	1.56	0.70	1.49	0.66	1.49
130.0	1.56	0.84	1.49	0.77	1.46	0.77	1.04	1.53	0.77	1.46	0.70	1.46
135.0	1.56	0.97	1.53	0.87	1.49	0.87	1.11	1.56	0.87	1.46	0.77	1.46
140.0	1.67	1.14	1.67	1.07	1.56	1.04	1.28	1.63	1.04	1.53	0.94	1.56
145.0	1.87	1.42	1.84	1.32	1.77	1.32	1.53	1.81	1.28	1.74	1.18	1.70
150.0	2.19	1.74	2.12	1.67	2.05	1.67	1.87	2.05	1.60	2.01	1.53	1.98
155.0	2.54	2.15	2.43	2.08	2.40	2.12	2.29	2.40	2.01	2.36	1.94	2.33
160.0	2.92	2.57	2.81	2.54	2.78	2.54	2.74	2.78	2.43	2.78	2.40	2.74
165.0	3.30	2.99	3.20	2.92	3.16	2.99	3.16	3.13	2.85	3.16	2.81	3.13
170.0	3.62	3.30	3.51	3.27	3.48	3.30	3.55	3.48	3.20	3.51	3.20	3.48
175.0	3.86	3.51	3.68	3.75	3.44	3.72	3.82	3.68	3.41	3.75	3.44	3.72
180.0	3.96	3.79	3.51	3.82	3.51	3.82	3.96	3.79	3.51	3.82	3.51	3.82

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: