

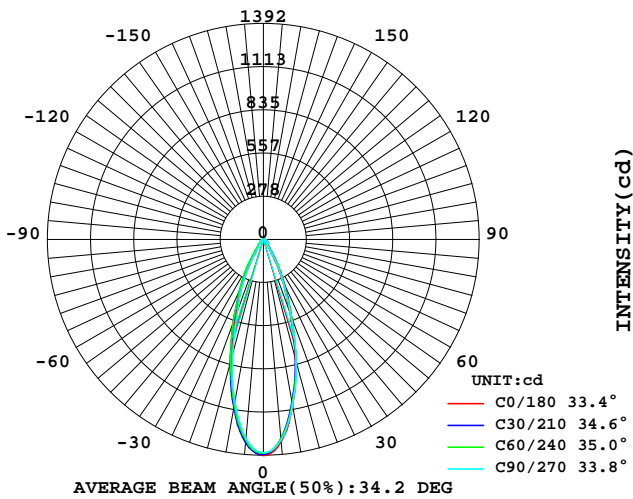
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

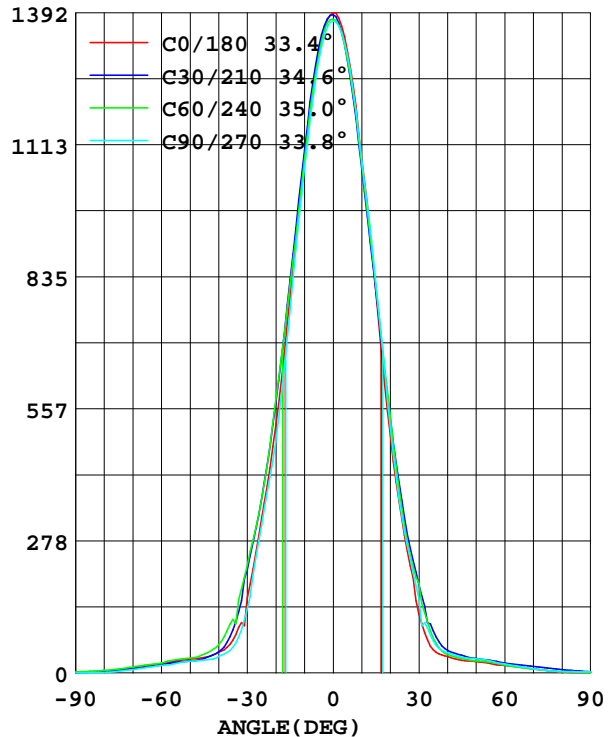
MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1392	S/MH(C0/180)	0.55
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.54
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	618.5	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	71.9	Current(A)	0.073
NOMINAL FLUX(lm)	618.5	h up(%)	1.5	Power(W)	8.600
LAMPS QUANTITY	1	h down(%)	98.5	Power Factor(PF)	0.965
TEST VOLTAGE(V)	120.7	Effective Flux(lm)	618.5	EEL	0.165

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



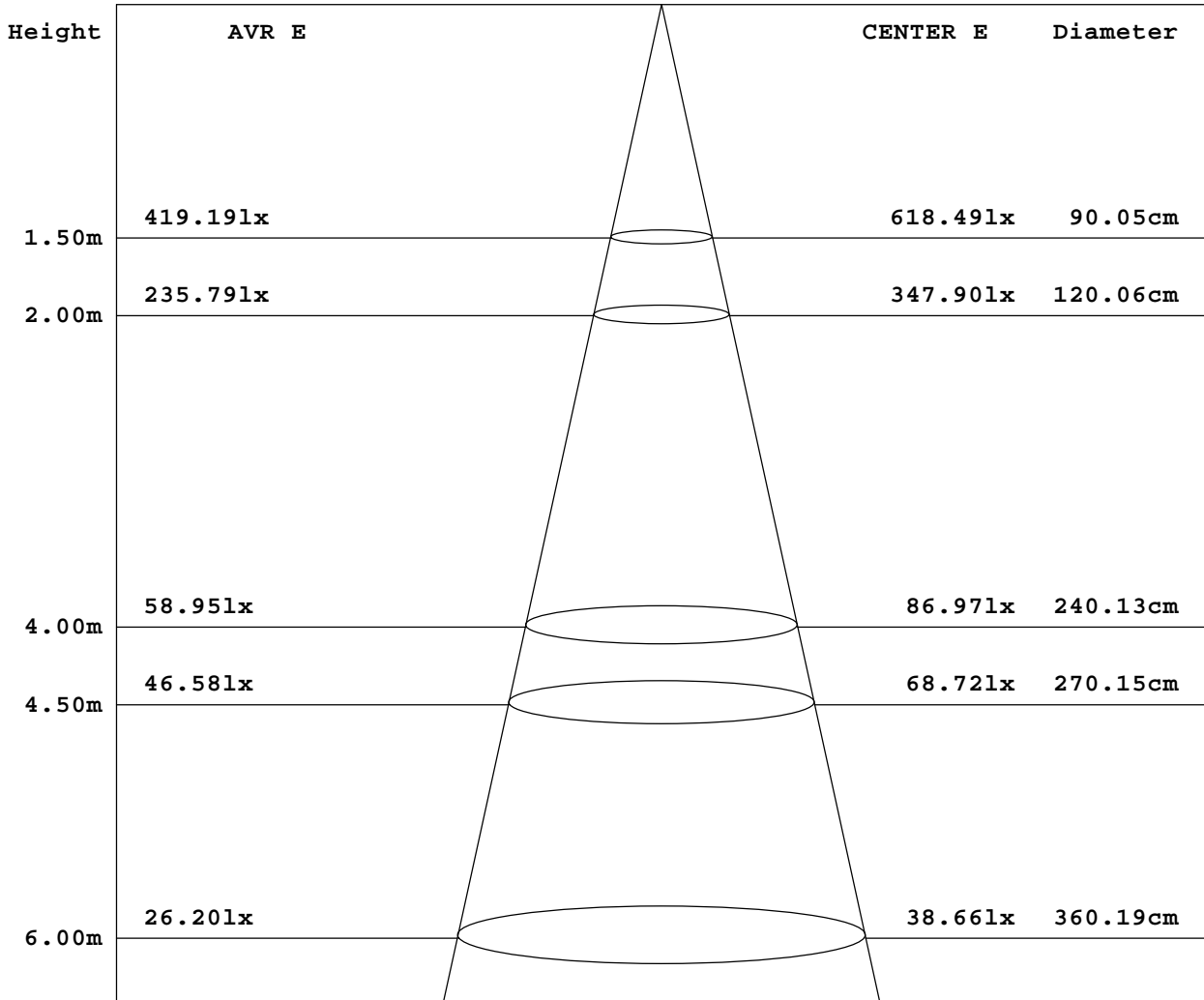
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

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-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



Angle: 33.4deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024/01/18

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-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tBtal
5.0	1306	1309	1290	1289	1309	1291	1301	1315	0- 5	32.10	32.10
10.0	1086	1093	1065	1054	1087	1071	1085	1104	5- 10	84.96	117.0
15.0	793.9	825.4	765.6	761.6	800.1	809.2	816.4	827.6	10- 15	110.9	228.0
20.0	521.1	572.2	487.4	496.3	500.5	538.2	517.1	552.6	15- 20	107.9	335.9
25.0	327.1	367.6	311.9	302.6	290.0	318.9	298.2	335.8	20- 25	87.21	423.1
30.0	157.8	222.2	135.4	160.8	124.7	188.1	157.2	193.3	25- 30	61.79	484.9
35.0	68.99	101.6	54.09	75.38	48.66	81.10	67.56	91.14	30- 35	34.25	519.2
40.0	43.44	51.58	34.63	42.88	34.67	43.05	42.60	46.69	35- 40	19.09	538.3
45.0	32.68	35.38	27.08	32.49	26.87	33.87	33.45	34.77	40- 45	13.88	552.1
50.0	29.17	28.19	24.61	27.32	24.22	28.00	30.00	27.88	45- 50	12.00	564.2
55.0	25.23	25.09	19.87	23.53	19.91	24.38	25.37	24.73	50- 55	11.24	575.4
60.0	19.59	18.83	15.90	17.73	15.73	18.86	18.97	19.89	55- 60	9.736	585.1
65.0	14.58	14.82	11.55	14.18	12.49	14.53	13.68	15.00	60- 65	7.850	593.0
70.0	9.781	10.79	7.170	10.40	8.528	11.01	8.911	11.19	65- 70	6.120	599.1
75.0	5.604	7.101	3.515	6.909	4.768	7.797	4.838	7.832	70- 75	4.303	603.4
80.0	3.167	4.316	1.253	4.264	1.844	5.030	3.132	5.169	75- 80	2.723	606.1
85.0	2.749	2.506	0.661	2.384	0.975	2.993	2.645	3.167	80- 85	1.697	607.8
90.0	2.506	1.549	0.522	1.496	0.905	1.653	2.436	1.688	85- 90	1.064	608.9
95.0	2.332	1.444	0.522	1.392	0.905	1.531	2.262	1.479	90- 95	0.836	609.7
100.0	2.158	1.374	0.557	1.322	0.940	1.444	2.123	1.392	95-100	0.782	610.5
105.0	2.053	1.305	0.592	1.253	0.975	1.374	1.984	1.340	100-105	0.734	611.2
110.0	1.949	1.270	0.592	1.218	0.975	1.322	1.879	1.287	105-110	0.691	611.9
115.0	1.844	1.253	0.627	1.200	1.009	1.270	1.775	1.218	110-115	0.647	612.6
120.0	1.775	1.200	0.661	1.166	1.044	1.235	1.670	1.200	115-120	0.604	613.2
125.0	1.705	1.218	0.696	1.166	1.079	1.218	1.601	1.148	120-125	0.564	613.8
130.0	1.670	1.200	0.731	1.183	1.113	1.218	1.566	1.166	125-130	0.529	614.3
135.0	1.705	1.287	0.835	1.235	1.218	1.287	1.566	1.218	130-135	0.506	614.8
140.0	1.775	1.392	1.009	1.357	1.392	1.409	1.636	1.340	135-140	0.495	615.3
145.0	1.949	1.601	1.287	1.583	1.670	1.601	1.810	1.496	140-145	0.500	615.8
150.0	2.193	1.879	1.601	1.844	1.984	1.879	2.053	1.775	145-150	0.513	616.3
155.0	2.541	2.227	1.984	2.193	2.367	2.210	2.367	2.123	150-155	0.519	616.8
160.0	2.889	2.575	2.367	2.575	2.819	2.593	2.715	2.488	155-160	0.506	617.3
165.0	3.237	2.941	2.715	2.941	3.237	2.958	3.063	2.871	160-165	0.459	617.8
170.0	3.515	3.237	3.063	3.219	3.585	3.254	3.376	3.185	165-170	0.370	618.2
175.0	3.724	3.428	3.306	3.376	3.829	3.446	3.585	3.376	170-175	0.241	618.4
180.0	3.933	3.498	3.655	3.446	3.933	3.498	3.655	3.446	175-180	0.084	618.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

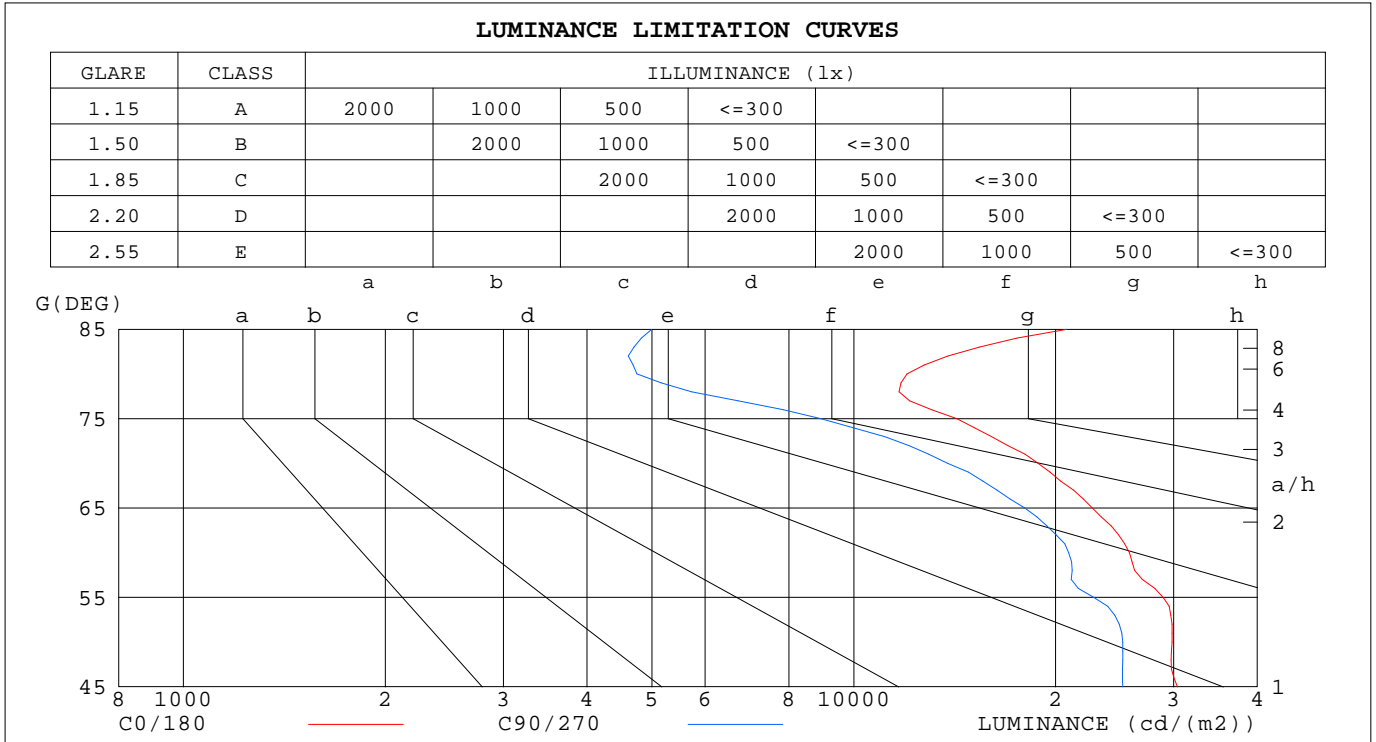
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

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-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	20758	4992
80	12001	4748
75	14246	8937
70	18815	13794
65	22705	17991
60	25787	20932
55	28947	22798
50	29856	25189
45	30412	25197

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/18

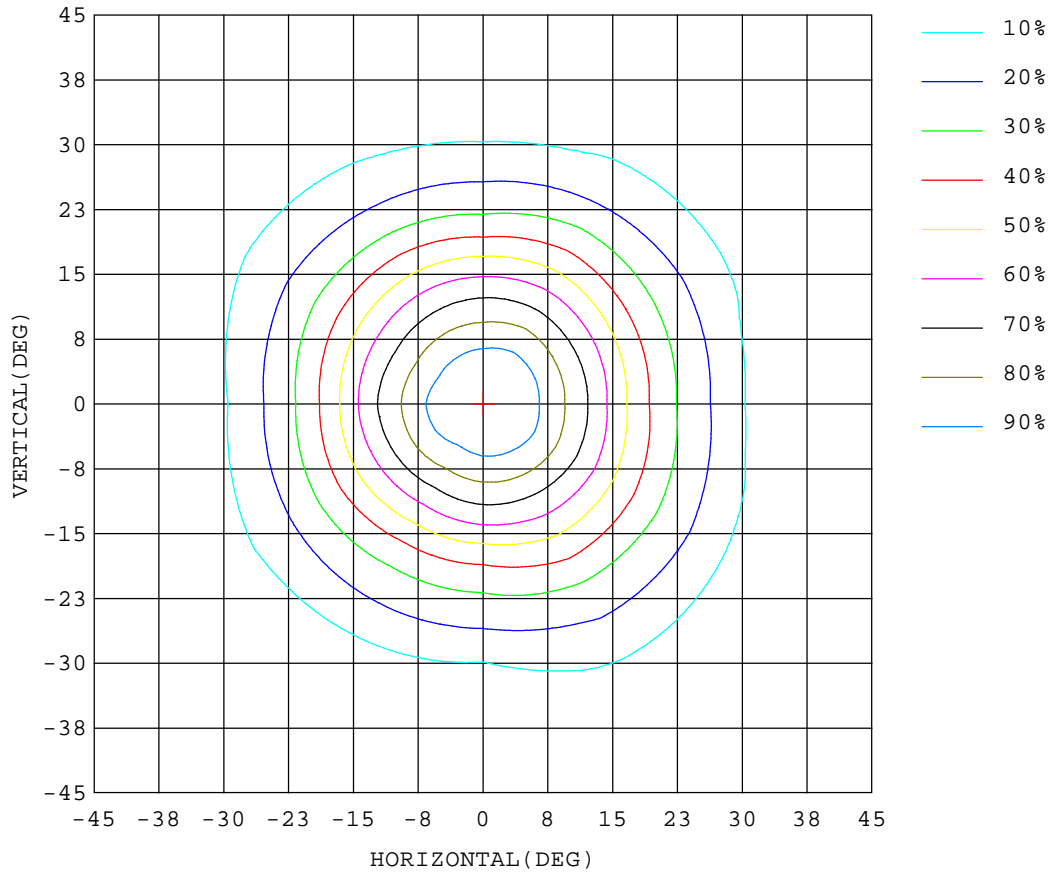
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



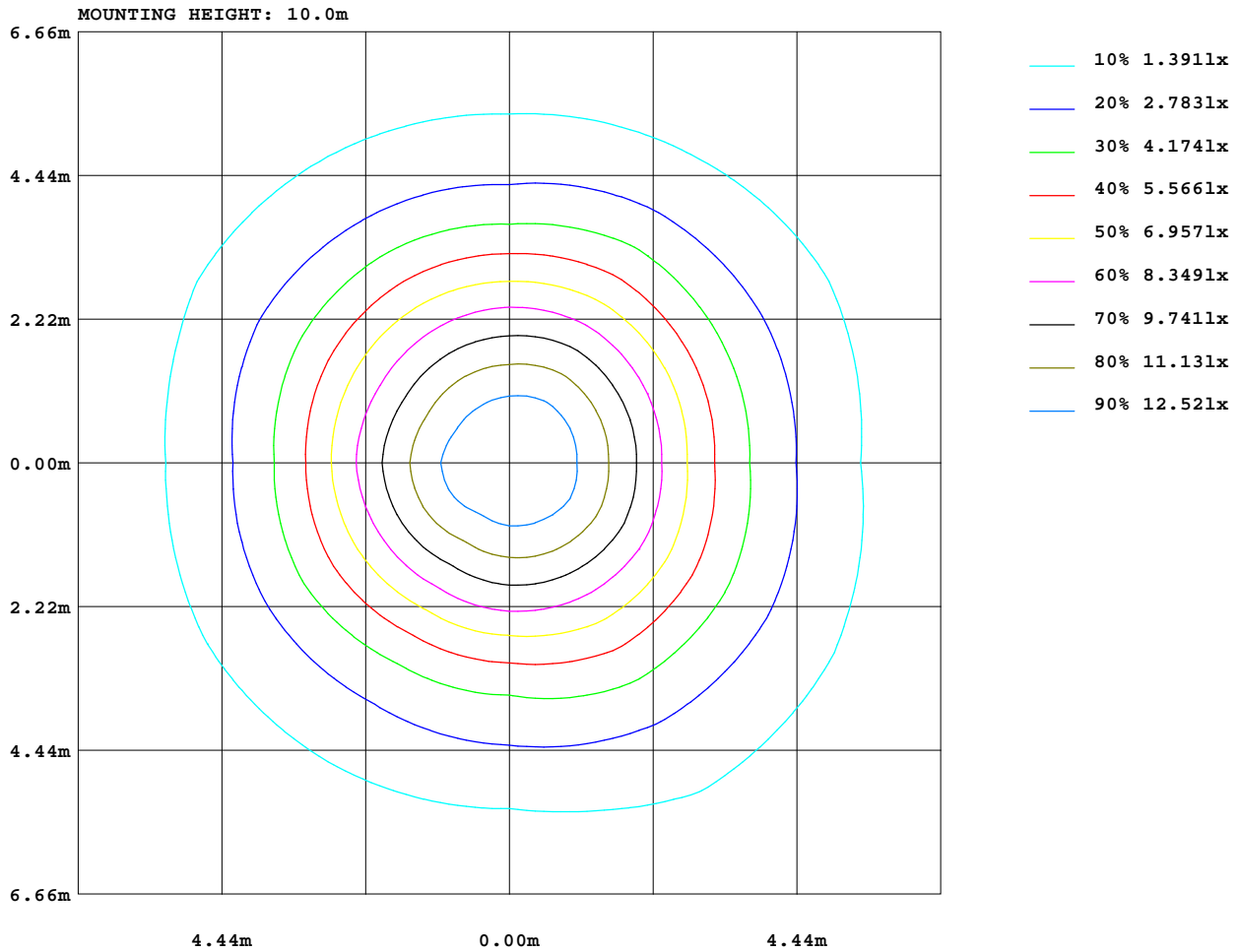
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/18

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-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/18

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-2SR-SM-WH		TYPE:	
SPECIFICATION:		SERIAL No.:	
CCT(K): 4000		DIMENSION:	

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	0.13	0.15	0.17	0.19	0.20	0.22	0.25	0.27	0.28	0.29	0.27	0.26	0.23	0.21	0.19	0.17	0.16	0.14	3.76	3.76
40	0.15	0.17	0.19	0.22	0.24	0.27	0.32	0.36	0.39	0.40	0.38	0.35	0.30	0.26	0.23	0.19	0.17	0.15	4.74	4.74
35	0.16	0.19	0.23	0.27	0.33	0.44	0.60	0.72	0.76	0.77	0.75	0.65	0.50	0.37	0.28	0.23	0.19	0.16	7.60	7.60
30	0.17	0.22	0.27	0.37	0.58	0.92	1.28	1.56	1.71	1.72	1.59	1.31	0.97	0.63	0.41	0.28	0.22	0.17	14.4	14.4
25	0.18	0.24	0.34	0.59	1.05	1.62	2.18	2.70	2.98	3.03	2.83	2.32	1.69	1.09	0.63	0.37	0.25	0.19	24.3	24.3
20	0.18	0.26	0.44	0.90	1.61	2.45	3.47	4.43	4.99	5.03	4.58	3.66	2.58	1.71	0.94	0.49	0.28	0.20	38.2	38.2
15	0.19	0.27	0.51	1.17	2.15	3.41	4.91	6.28	7.12	7.20	6.45	5.03	3.50	2.26	1.26	0.58	0.31	0.21	52.8	52.8
10	0.18	0.27	0.56	1.35	2.54	4.18	6.12	7.81	8.92	9.06	8.04	6.23	4.26	2.69	1.49	0.65	0.33	0.21	64.9	64.9
5	0.18	0.26	0.55	1.43	2.72	4.61	6.89	8.83	10.0	10.1	8.96	6.93	4.68	2.91	1.61	0.66	0.33	0.21	72.0	72.0
0	0.17	0.25	0.53	1.40	2.69	4.57	6.85	8.86	10.0	10.1	8.97	6.96	4.72	2.95	1.63	0.67	0.33	0.21	72.0	72.0
-5	0.17	0.25	0.52	1.29	2.44	4.06	5.94	7.65	8.72	8.90	7.96	6.29	4.39	2.79	1.57	0.67	0.32	0.20	64.1	64.1
-10	0.17	0.24	0.46	1.06	2.00	3.22	4.58	5.84	6.78	6.95	6.32	5.09	3.67	2.42	1.36	0.59	0.29	0.19	51.2	51.2
-15	0.16	0.22	0.37	0.78	1.47	2.30	3.18	4.00	4.59	4.78	4.54	3.77	2.78	1.90	1.03	0.46	0.25	0.18	36.8	36.8
-20	0.15	0.20	0.29	0.52	0.91	1.50	2.10	2.62	2.95	3.08	2.96	2.57	1.98	1.28	0.66	0.34	0.22	0.16	24.5	24.5
-25	0.14	0.18	0.24	0.34	0.55	0.80	1.13	1.47	1.66	1.75	1.74	1.59	1.20	0.74	0.44	0.27	0.19	0.15	14.6	14.6
-30	0.13	0.17	0.21	0.27	0.35	0.47	0.58	0.64	0.67	0.74	0.81	0.77	0.67	0.46	0.31	0.22	0.17	0.14	7.78	7.78
-35	0.12	0.15	0.18	0.22	0.27	0.31	0.34	0.35	0.34	0.36	0.42	0.42	0.39	0.32	0.24	0.19	0.16	0.13	4.92	4.92
-40	0.11	0.14	0.17	0.20	0.22	0.24	0.25	0.24	0.23	0.24	0.27	0.28	0.27	0.24	0.21	0.18	0.15	0.12	3.76	3.76
-45	0.11	0.14	0.17	0.20	0.22	0.24	0.25	0.24	0.23	0.24	0.27	0.28	0.27	0.24	0.21	0.18	0.15	0.12	3.76	3.76
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φ t	2.86	3.84	6.24	12.5	22.3	35.6	51.0	64.6	73.2	74.6	67.9	54.5	38.8	25.2	14.5	7.22	4.30	3.11	619	
Φ a	2.86	3.84	6.24	12.5	22.3	35.6	51.0	64.6	73.2	74.6	67.9	54.5	38.8	25.2	14.5	7.22	4.30	3.11		619

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

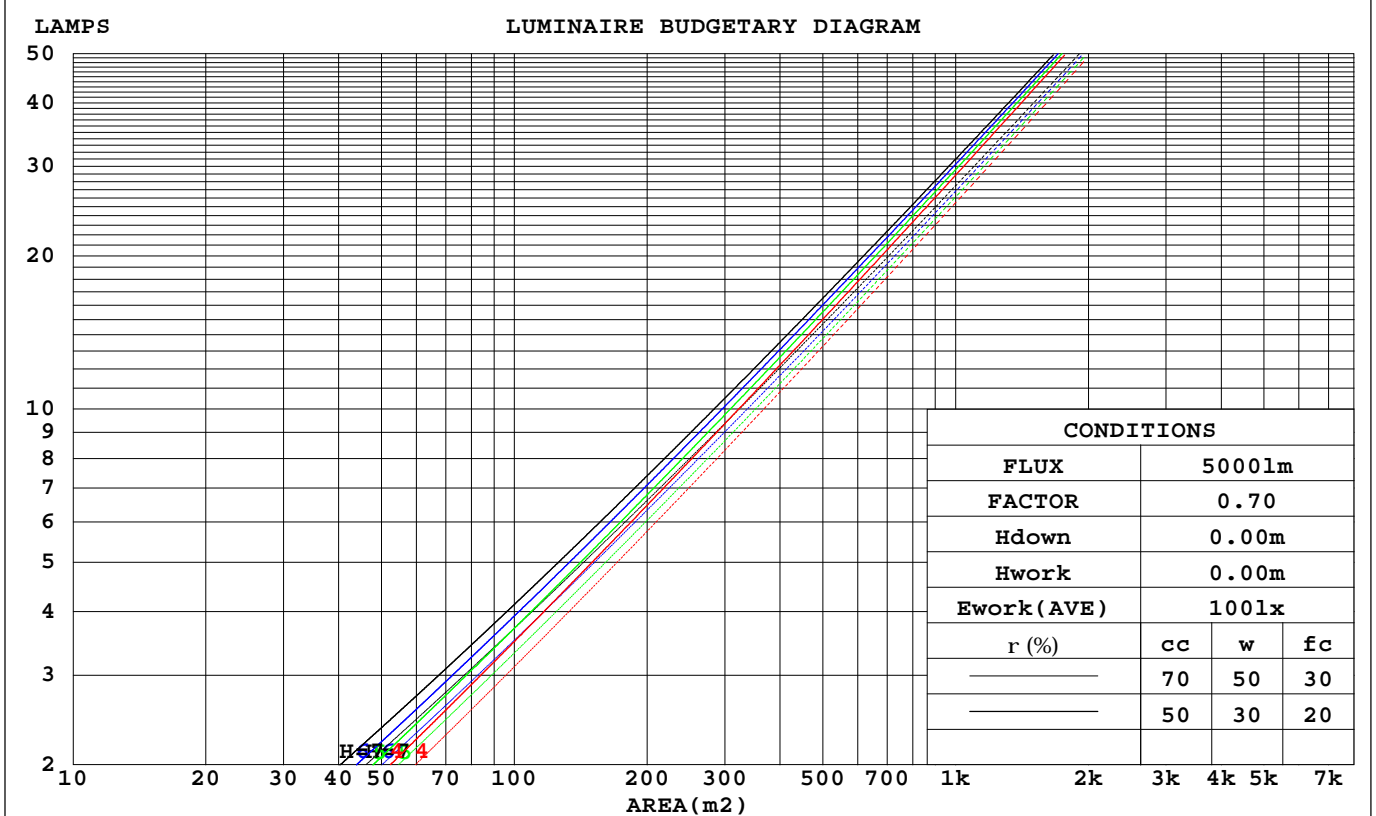
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		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
r fc	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	1.10	1.08	1.05	1.08	1.06	1.04	1.04	1.02	1.00	.90	.98	.97	.96	.95	.94	.92
2.0	1.03	.99	.95	1.01	.97	.94	.97	.94	.92	.94	.92	.90	.91	.89	.88	.86
3.0	.96	.91	.88	.95	.90	.87	.92	.88	.85	.89	.86	.84	.87	.84	.82	.81
4.0	.91	.85	.81	.89	.85	.81	.87	.83	.80	.85	.81	.79	.83	.80	.78	.76
5.0	.86	.80	.76	.85	.80	.76	.83	.78	.75	.81	.77	.74	.79	.76	.73	.72
6.0	.81	.76	.72	.80	.75	.71	.79	.74	.71	.77	.73	.70	.76	.72	.70	.68
7.0	.77	.72	.68	.77	.71	.68	.75	.71	.67	.74	.70	.67	.73	.69	.66	.65
8.0	.74	.68	.65	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.62
9.0	.71	.65	.62	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.61	.59
10.0	.68	.62	.59	.67	.62	.59	.66	.62	.58	.65	.61	.58	.65	.61	.58	.57



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

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-2SR-SM-WH		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	.181	.103	.033	.174	.099	.032	.160	.092	.029	.148	.085	.027	.137	.079	.026	
2.0	.170	.093	.029	.164	.090	.028	.152	.085	.026	.142	.080	.025	.132	.075	.024	
3.0	.159	.085	.025	.154	.082	.025	.144	.078	.024	.135	.074	.023	.127	.070	.022	
4.0	.149	.077	.023	.145	.076	.022	.136	.072	.022	.128	.069	.021	.121	.066	.020	
5.0	.140	.071	.021	.136	.070	.020	.129	.067	.020	.122	.064	.019	.116	.062	.019	
6.0	.132	.066	.019	.129	.065	.019	.123	.063	.018	.116	.061	.018	.111	.058	.017	
7.0	.125	.062	.018	.122	.061	.017	.117	.059	.017	.111	.057	.017	.106	.055	.016	
8.0	.119	.058	.016	.116	.057	.016	.111	.056	.016	.107	.054	.016	.102	.052	.015	
9.0	.113	.055	.015	.111	.054	.015	.107	.053	.015	.102	.051	.015	.098	.050	.014	
10.0	.108	.052	.014	.106	.051	.014	.102	.050	.014	.098	.049	.014	.094	.048	.014	

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	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.183	.169	.156	.157	.145	.135	.107	.100	.093	.062	.058	.054	.020	.019	.018	
2.0	.168	.144	.125	.144	.124	.108	.099	.086	.075	.057	.050	.044	.018	.016	.014	
3.0	.155	.126	.102	.133	.108	.088	.091	.075	.062	.053	.044	.037	.017	.014	.012	
4.0	.144	.111	.085	.124	.096	.074	.085	.067	.052	.049	.039	.031	.016	.013	.010	
5.0	.135	.099	.073	.116	.086	.063	.080	.060	.045	.046	.035	.026	.015	.011	.009	
6.0	.127	.090	.063	.109	.078	.055	.075	.054	.039	.044	.032	.023	.014	.010	.008	
7.0	.120	.082	.055	.103	.071	.048	.071	.050	.034	.041	.029	.020	.013	.010	.007	
8.0	.114	.076	.049	.098	.066	.043	.068	.046	.031	.039	.027	.018	.013	.009	.006	
9.0	.108	.070	.045	.093	.061	.039	.065	.043	.028	.038	.025	.016	.012	.008	.005	
10.0	.103	.066	.041	.089	.057	.035	.062	.040	.025	.036	.024	.015	.012	.008	.005	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

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-2SR-SM-WH					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	19.6	20.5	19.8	20.6	20.8	20.0	20.9	20.2	21.1	21.2
3H	20.4	21.3	20.7	21.5	21.7	20.7	21.5	21.0	21.8	22.0
4H	20.7	21.5	21.0	21.7	22.0	20.9	21.7	21.2	21.9	22.2
6H	20.8	21.6	21.1	21.8	22.1	20.9	21.6	21.2	21.9	22.2
8H	20.9	21.6	21.2	21.9	22.2	20.9	21.6	21.2	21.9	22.2
12H	21.0	21.7	21.4	22.0	22.3	20.9	21.5	21.2	21.8	22.1
4H 2H	20.0	20.8	20.3	21.0	21.3	20.4	21.2	20.7	21.4	21.7
3H	21.0	21.7	21.3	22.0	22.3	21.4	22.1	21.8	22.4	22.7
4H	21.3	21.9	21.7	22.3	22.6	21.8	22.4	22.1	22.7	23.0
6H	21.5	22.1	21.9	22.4	22.8	21.9	22.4	22.3	22.8	23.2
8H	21.6	22.1	22.0	22.5	22.9	21.9	22.4	22.3	22.8	23.2
12H	21.8	22.3	22.2	22.7	23.1	21.9	22.4	22.4	22.8	23.2
8H 4H	21.5	22.0	21.9	22.4	22.8	21.9	22.4	22.3	22.8	23.2
6H	21.8	22.2	22.3	22.6	23.1	22.3	22.7	22.7	23.1	23.5
8H	22.0	22.3	22.4	22.8	23.2	22.4	22.8	22.9	23.2	23.7
12H	22.2	22.5	22.7	23.0	23.5	22.5	22.8	23.0	23.3	23.8
12H 4H	21.5	22.0	22.0	22.4	22.8	21.9	22.4	22.3	22.8	23.2
6H	21.9	22.2	22.3	22.7	23.1	22.3	22.7	22.8	23.1	23.6
8H	22.0	22.4	22.5	22.8	23.3	22.5	22.8	23.0	23.3	23.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.4 / - 0.6				
1.5H	+ 0.3 / - 0.3					+ 0.5 / - 0.8				
2.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.9				

CIE Pub.117 Corrected 618.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.7)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

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-2SR-SM-WH		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	84	77	72	83	76	72	82	76	72	68
0.80	91	85	80	90	84	80	89	84	80	76
1.00	96	90	86	95	89	85	93	89	85	80
1.25	100	94	90	99	94	90	97	92	89	84
1.50	103	98	94	102	97	93	99	95	92	87
2.00	106	102	98	105	100	97	102	98	95	90
2.50	108	104	100	106	103	100	103	100	97	91
3.00	110	106	103	108	105	102	104	102	99	92
4.00	112	109	107	110	107	105	106	104	102	94
5.00	114	111	109	111	109	107	107	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

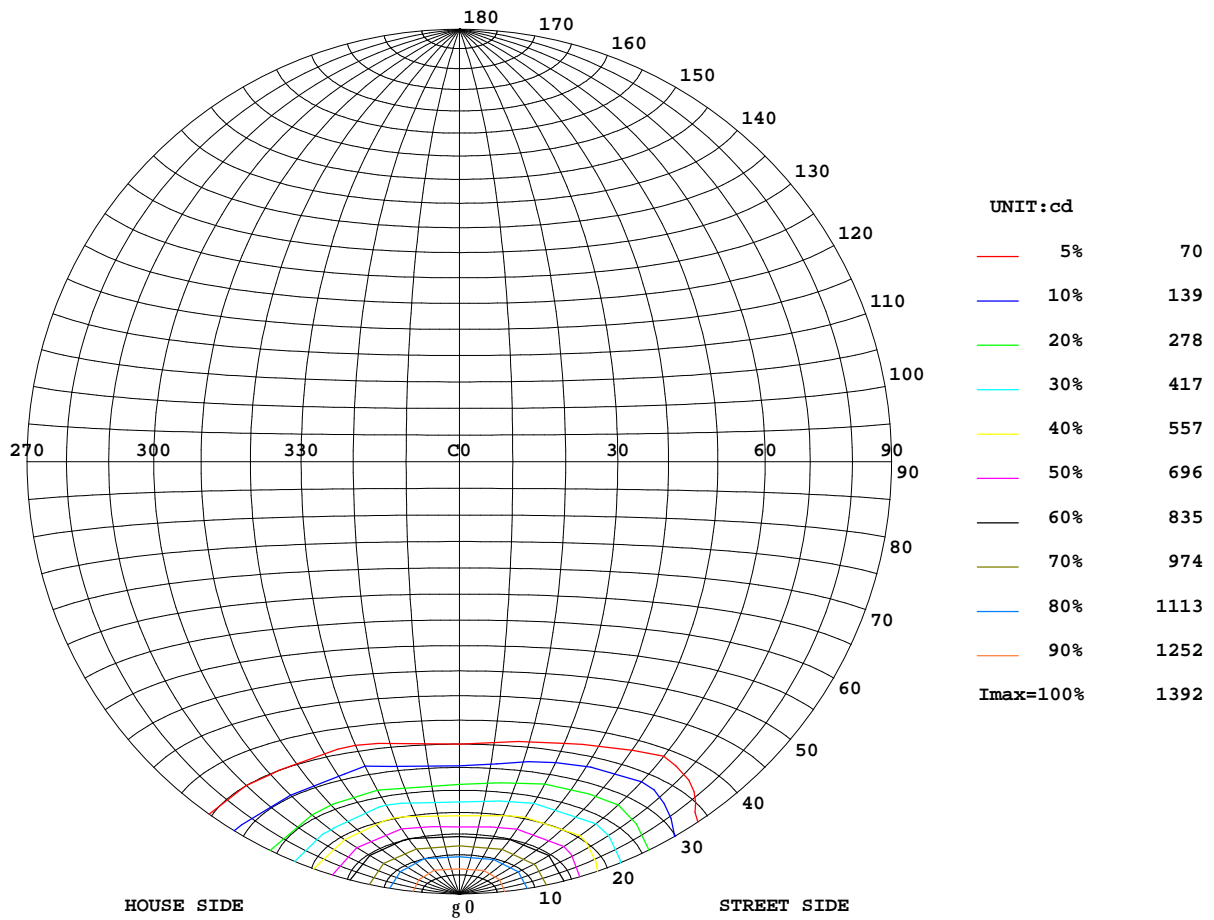
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

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-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2024/01/18

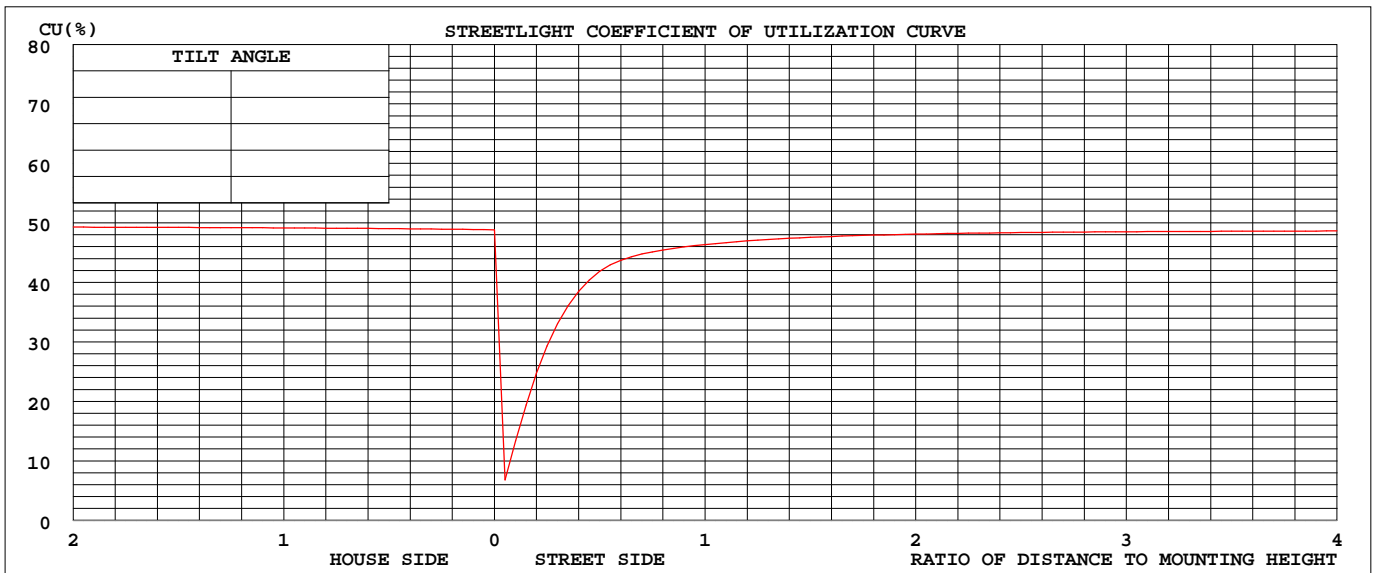
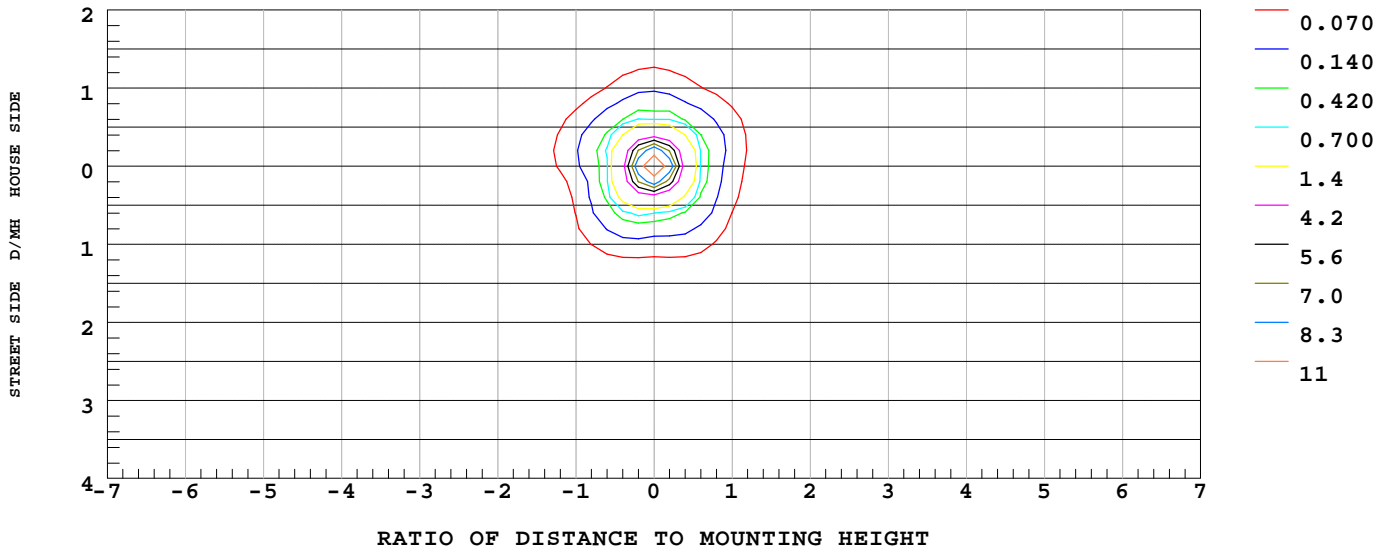
Test Set: 5.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 13.92 lx



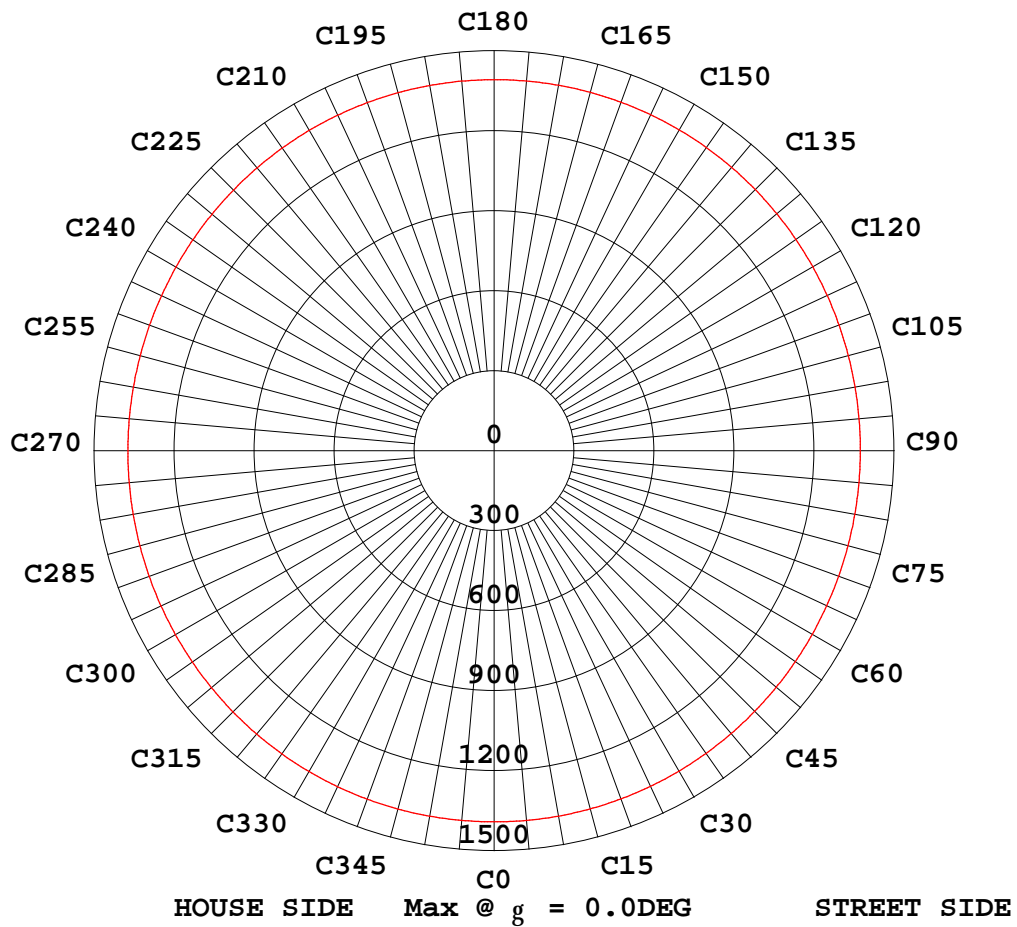
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

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-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

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-2SR-SM-WH		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	1392	1387	1378	1374	1380	1390	1392	1387	1378	1374	1380	1390
5.0	1306	1318	1300	1290	1277	1302	1309	1290	1291	1301	1317	1312
10.0	1086	1102	1085	1065	1037	1071	1087	1067	1075	1085	1112	1096
15.0	794	830	821	766	746	777	800	804	815	816	838	818
20.0	521	569	575	487	478	514	501	536	540	517	564	542
25.0	327	368	367	312	301	304	290	328	310	298	331	340
30.0	158	217	227	135	161	160	125	186	190	157	188	199
35.0	68.9	90.5	113	54.0	78.0	72.7	48.6	88.6	73.5	67.5	84.9	97.3
40.0	43.4	44.2	58.9	34.6	45.9	39.8	34.6	47.3	38.7	42.6	42.8	50.5
45.0	32.6	30.8	39.9	27.0	34.2	30.7	26.8	37.1	30.6	33.4	31.9	37.6
50.0	29.1	25.0	31.3	24.6	30.0	24.5	24.2	30.4	25.5	30.0	25.4	30.2
55.0	25.2	22.3	27.8	19.8	26.2	20.8	19.9	26.4	22.3	25.3	22.6	26.7
60.0	19.5	16.4	21.1	15.9	20.0	15.4	15.7	21.0	16.7	18.9	18.0	21.7
65.0	14.5	12.6	17.0	11.5	16.1	12.2	12.4	17.0	12.0	13.6	13.2	16.7
70.0	9.78	8.87	12.7	7.17	12.2	8.52	8.52	13.6	8.35	8.91	9.74	12.6
75.0	5.60	5.63	8.56	3.51	8.84	4.97	4.76	10.3	5.25	4.83	6.61	9.05
80.0	3.16	3.16	5.46	1.25	6.02	2.50	1.84	7.13	2.92	3.13	4.14	6.19
85.0	2.74	1.49	3.51	0.66	3.68	1.07	0.97	4.52	1.46	2.64	2.19	4.14
90.0	2.50	0.56	2.54	0.52	2.47	0.52	0.91	2.68	0.63	2.43	0.73	2.64
95.0	2.33	0.59	2.29	0.52	2.26	0.52	0.91	2.43	0.63	2.26	0.59	2.36
100.0	2.15	0.59	2.15	0.56	2.08	0.56	0.94	2.26	0.63	2.12	0.59	2.19
105.0	2.05	0.63	1.98	0.59	1.94	0.56	0.97	2.12	0.63	1.98	0.63	2.05
110.0	1.94	0.66	1.87	0.59	1.84	0.59	0.97	1.98	0.66	1.87	0.63	1.94
115.0	1.84	0.70	1.81	0.63	1.77	0.63	1.00	1.87	0.66	1.77	0.63	1.81
120.0	1.77	0.70	1.70	0.66	1.67	0.66	1.04	1.77	0.70	1.67	0.66	1.74
125.0	1.70	0.77	1.67	0.70	1.63	0.70	1.07	1.70	0.73	1.60	0.66	1.63
130.0	1.67	0.80	1.60	0.73	1.60	0.77	1.11	1.67	0.77	1.56	0.73	1.60
135.0	1.70	0.94	1.63	0.84	1.60	0.87	1.21	1.67	0.91	1.56	0.80	1.63
140.0	1.77	1.07	1.70	1.00	1.67	1.04	1.39	1.77	1.04	1.63	0.97	1.70
145.0	1.94	1.32	1.87	1.28	1.87	1.28	1.67	1.91	1.28	1.81	1.18	1.81
150.0	2.19	1.63	2.12	1.60	2.08	1.60	1.98	2.15	1.60	2.05	1.49	2.05
155.0	2.54	2.01	2.43	1.98	2.40	1.98	2.36	2.43	1.98	2.36	1.87	2.36
160.0	2.88	2.40	2.74	2.36	2.74	2.40	2.81	2.81	2.36	2.71	2.26	2.71
165.0	3.23	2.81	3.06	2.71	3.09	2.78	3.23	3.16	2.74	3.06	2.68	3.06
170.0	3.51	3.09	3.37	3.06	3.34	3.09	3.58	3.44	3.06	3.37	2.99	3.37
175.0	3.72	3.30	3.55	3.30	3.20	3.55	3.82	3.62	3.27	3.58	3.20	3.55
180.0	3.93	3.65	3.34	3.65	3.27	3.62	3.93	3.65	3.34	3.65	3.27	3.62

Test System:HOPOO HPG1800
 Temperature:25.3DEG
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