

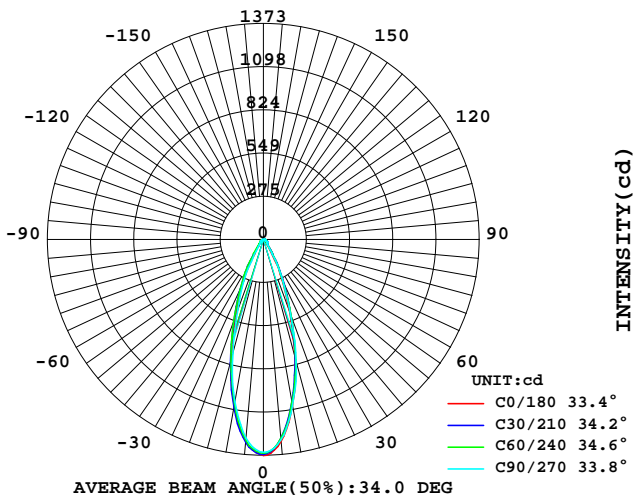
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

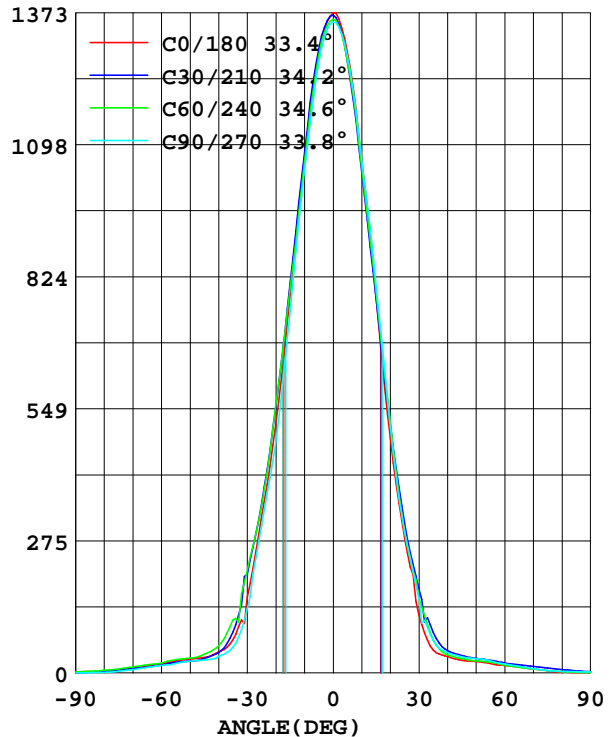
MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1373	S/MH(C0/180)	0.55
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.54
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	610.6	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	70.9	Current(A)	0.073
NOMINAL FLUX(lm)	610.6	h up(%)	1.6	Power(W)	8.610
LAMPS QUANTITY	1	h down(%)	98.4	Power Factor(PF)	0.966
TEST VOLTAGE(V)	120.7	Effective Flux(lm)	610.6	EEL	0.167

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



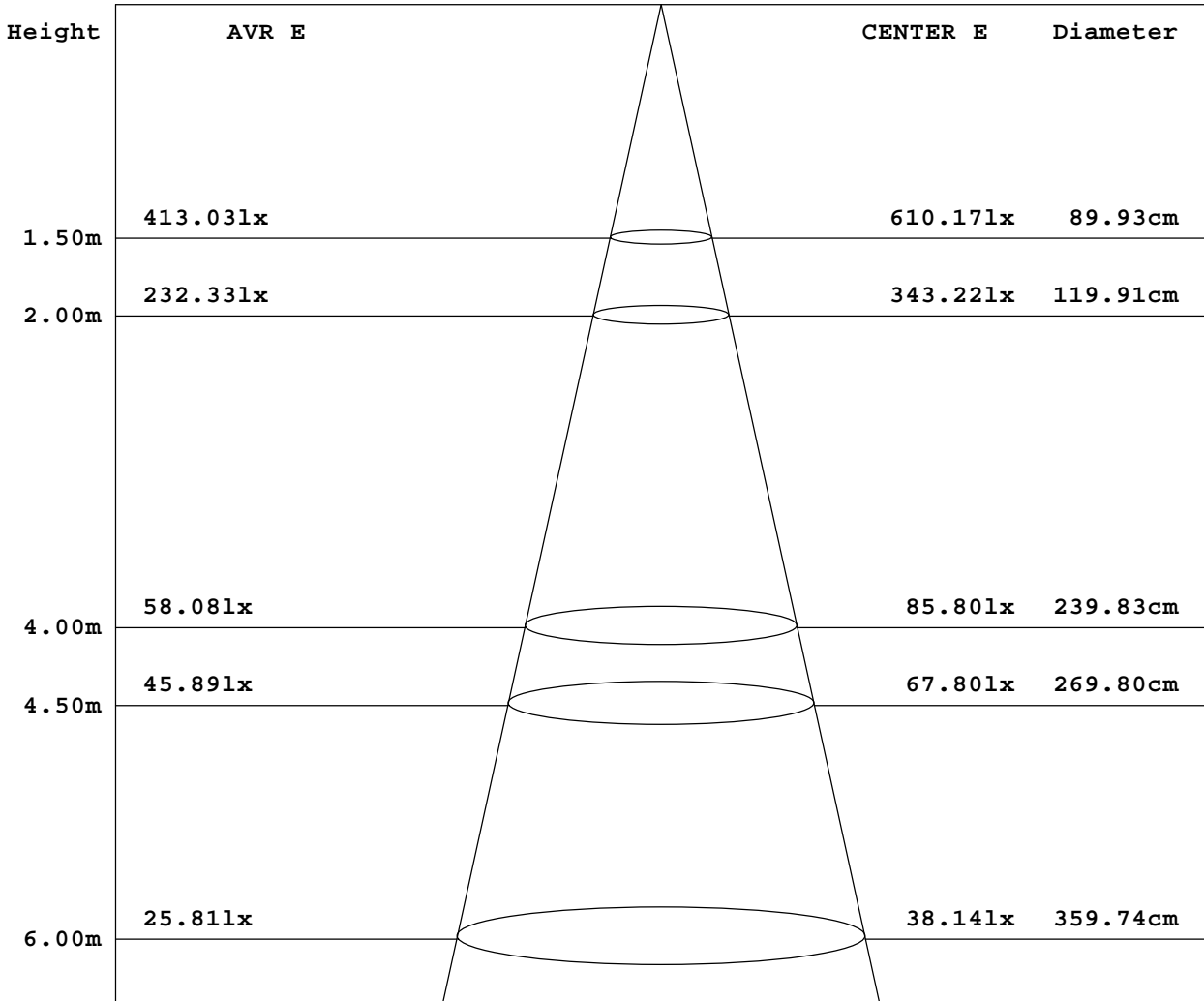
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

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): 3500	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): 3500	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tBtal
5.0	1288	1289	1268	1269	1289	1271	1281	1296	0- 5	31.61	31.61
10.0	1073	1073	1047	1041	1069	1049	1070	1091	5- 10	83.65	115.2
15.0	785.3	806.2	751.5	757.9	783.5	787.4	807.1	822.8	10- 15	109.2	224.4
20.0	517.5	555.3	479.4	499.4	489.1	519.4	510.9	555.9	15- 20	106.3	330.8
25.0	326.8	351.3	306.2	310.1	283.0	304.1	295.1	343.2	20- 25	86.02	416.8
30.0	157.3	209.3	133.3	181.8	121.2	165.9	156.0	199.3	25- 30	61.10	477.9
35.0	68.78	97.29	53.36	78.58	47.79	76.77	67.32	95.36	30- 35	33.95	511.9
40.0	43.26	49.37	34.07	43.47	34.07	41.87	42.32	47.53	35- 40	18.90	530.8
45.0	32.47	34.47	26.69	32.42	26.49	33.19	33.27	34.91	40- 45	13.73	544.5
50.0	28.96	27.79	24.29	27.13	23.91	27.70	29.79	27.70	45- 50	11.88	556.4
55.0	25.09	24.74	19.63	23.37	19.63	24.14	25.27	24.55	50- 55	11.13	567.5
60.0	19.52	18.64	15.69	17.63	15.52	18.67	18.86	19.75	55- 60	9.650	577.2
65.0	14.55	14.67	11.45	14.11	12.25	14.41	13.68	14.93	60- 65	7.785	585.0
70.0	9.816	10.66	7.101	10.39	8.284	10.91	8.946	11.15	65- 70	6.077	591.1
75.0	5.639	7.066	3.481	6.909	4.629	7.710	4.873	7.832	70- 75	4.279	595.3
80.0	3.237	4.316	1.253	4.281	1.810	5.012	3.167	5.186	75- 80	2.719	598.1
85.0	2.784	2.523	0.661	2.419	0.975	3.011	2.715	3.202	80- 85	1.706	599.8
90.0	2.541	1.583	0.522	1.514	0.940	1.688	2.471	1.723	85- 90	1.081	600.8
95.0	2.367	1.479	0.557	1.409	0.940	1.549	2.297	1.514	90- 95	0.852	601.7
100.0	2.227	1.409	0.557	1.340	0.940	1.462	2.158	1.427	95-100	0.796	602.5
105.0	2.088	1.357	0.557	1.305	0.975	1.409	2.018	1.374	100-105	0.750	603.2
110.0	1.984	1.287	0.627	1.253	1.009	1.340	1.914	1.305	105-110	0.705	603.9
115.0	1.879	1.253	0.627	1.218	1.009	1.305	1.810	1.235	110-115	0.659	604.6
120.0	1.810	1.235	0.661	1.183	1.044	1.253	1.740	1.218	115-120	0.616	605.2
125.0	1.740	1.218	0.696	1.200	1.079	1.235	1.636	1.200	120-125	0.575	605.8
130.0	1.705	1.235	0.766	1.218	1.148	1.253	1.601	1.200	125-130	0.538	606.3
135.0	1.705	1.287	0.870	1.270	1.253	1.305	1.601	1.253	130-135	0.514	606.9
140.0	1.775	1.392	1.044	1.409	1.427	1.409	1.670	1.357	135-140	0.503	607.4
145.0	1.949	1.601	1.322	1.601	1.670	1.601	1.844	1.531	140-145	0.506	607.9
150.0	2.193	1.862	1.636	1.879	2.018	1.879	2.088	1.792	145-150	0.515	608.4
155.0	2.506	2.227	1.984	2.210	2.367	2.210	2.367	2.140	150-155	0.520	608.9
160.0	2.854	2.575	2.367	2.593	2.784	2.575	2.715	2.506	155-160	0.506	609.4
165.0	3.237	2.906	2.749	2.924	3.202	2.941	3.063	2.854	160-165	0.458	609.9
170.0	3.481	3.219	3.063	3.202	3.550	3.237	3.376	3.167	165-170	0.369	610.2
175.0	3.724	3.411	3.272	3.359	3.794	3.428	3.585	3.359	170-175	0.240	610.5
180.0	3.898	3.481	3.620	3.428	3.898	3.481	3.620	3.428	175-180	0.084	610.6
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

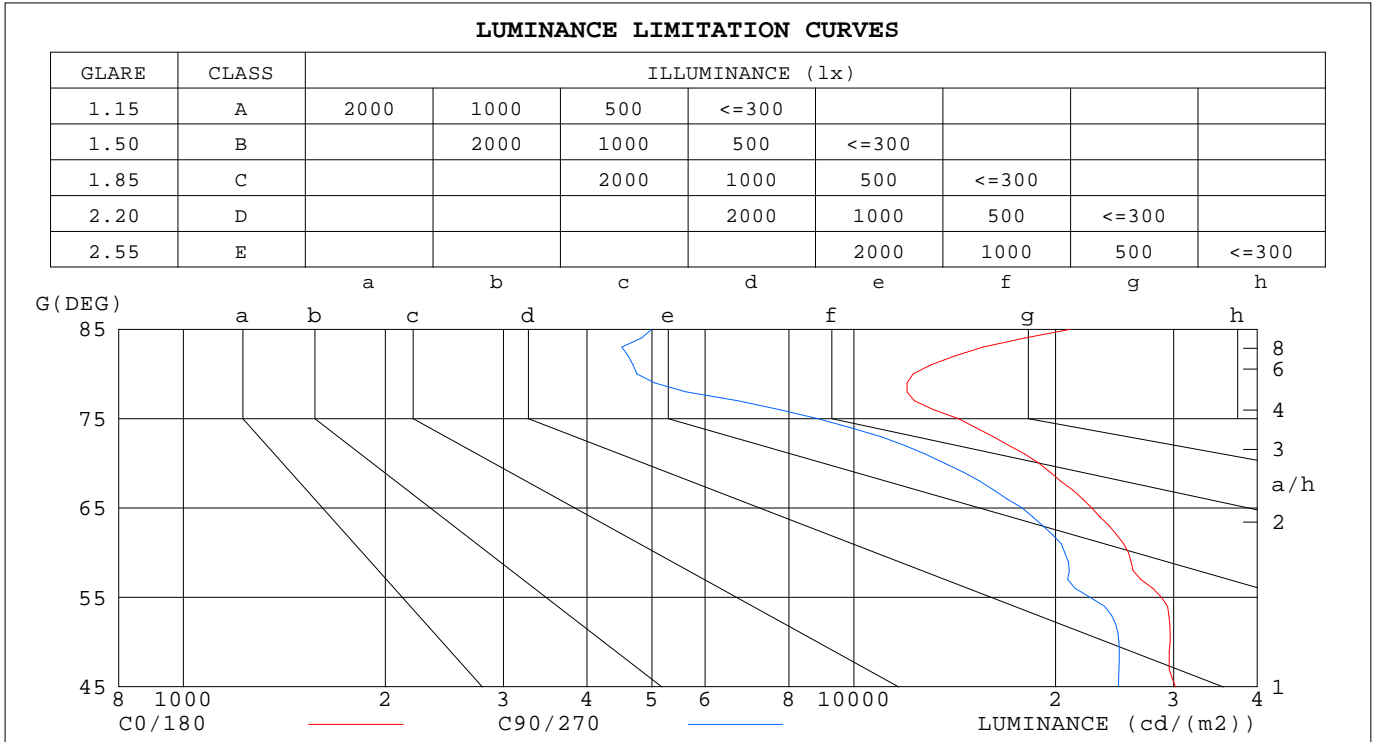
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

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): 3500	DIMENSION:	SERIAL No.:



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	21021	4992
80	12265	4748
75	14334	8848
70	18882	13660
65	22651	17828
60	25695	20657
55	28788	22519
50	29643	24868
45	30217	24841

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

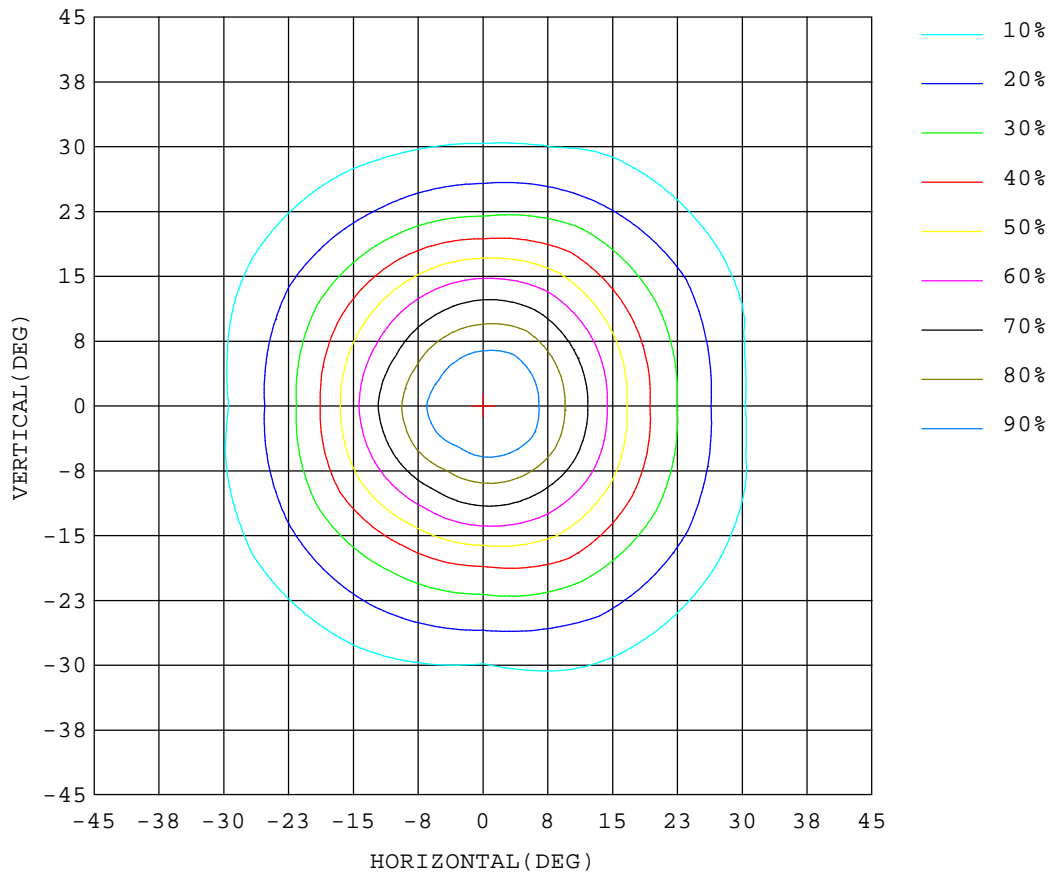
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

UNIT: cd



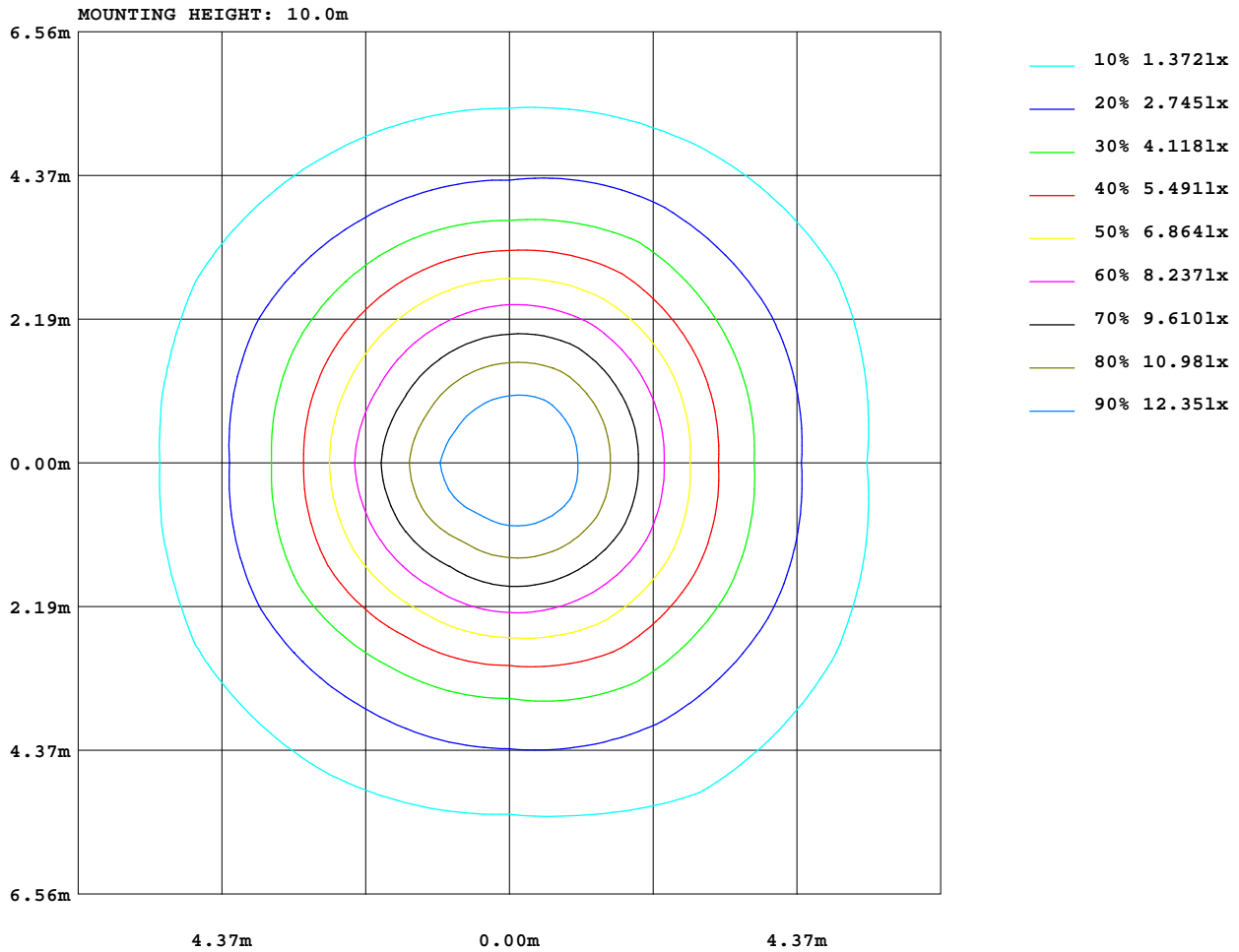
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/18

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): 3500	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:	WEIGHT:
SPECIFICATION:	CCT(K): 3500		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	0.13	0.15	0.17	0.18	0.20	0.22	0.24	0.27	0.28	0.28	0.27	0.26	0.23	0.21	0.19	0.17	0.15	0.13	3.73	3.73
40	0.15	0.17	0.19	0.22	0.24	0.27	0.31	0.36	0.38	0.40	0.39	0.35	0.30	0.26	0.23	0.19	0.17	0.15	4.71	4.71
35	0.16	0.19	0.22	0.26	0.32	0.42	0.57	0.70	0.76	0.78	0.77	0.68	0.52	0.38	0.29	0.23	0.19	0.16	7.60	7.60
30	0.17	0.22	0.26	0.35	0.55	0.85	1.19	1.49	1.68	1.72	1.61	1.35	1.00	0.66	0.42	0.29	0.22	0.17	14.2	14.2
25	0.18	0.24	0.33	0.56	0.96	1.53	2.08	2.61	2.93	3.01	2.85	2.36	1.74	1.13	0.66	0.38	0.25	0.19	24.0	24.0
20	0.18	0.25	0.42	0.83	1.52	2.33	3.34	4.30	4.90	4.99	4.57	3.69	2.63	1.76	0.97	0.51	0.28	0.20	37.7	37.7
15	0.18	0.26	0.49	1.09	2.05	3.28	4.75	6.13	7.00	7.12	6.40	5.02	3.53	2.31	1.30	0.60	0.31	0.21	52.1	52.1
10	0.18	0.26	0.53	1.31	2.45	4.05	5.96	7.65	8.77	8.94	7.95	6.19	4.26	2.71	1.52	0.67	0.33	0.21	64.0	64.0
5	0.17	0.25	0.53	1.39	2.65	4.50	6.75	8.68	9.91	10.0	8.84	6.85	4.65	2.91	1.61	0.67	0.33	0.21	70.9	70.9
0	0.17	0.25	0.53	1.39	2.64	4.49	6.74	8.73	9.89	9.98	8.84	6.85	4.66	2.92	1.61	0.67	0.32	0.21	70.9	70.9
-5	0.17	0.25	0.52	1.31	2.44	4.04	5.89	7.56	8.58	8.75	7.81	6.16	4.29	2.73	1.53	0.66	0.31	0.20	63.2	63.2
-10	0.17	0.24	0.47	1.12	2.04	3.25	4.58	5.80	6.68	6.81	6.17	4.96	3.56	2.33	1.31	0.56	0.28	0.19	50.5	50.5
-15	0.16	0.22	0.38	0.83	1.55	2.36	3.22	4.01	4.54	4.68	4.42	3.64	2.66	1.80	0.99	0.43	0.25	0.17	36.3	36.3
-20	0.15	0.20	0.30	0.54	0.99	1.58	2.16	2.64	2.92	3.00	2.86	2.45	1.87	1.20	0.62	0.32	0.21	0.16	24.2	24.2
-25	0.14	0.18	0.24	0.35	0.57	0.88	1.21	1.50	1.66	1.71	1.67	1.49	1.09	0.69	0.41	0.26	0.18	0.14	14.4	14.4
-30	0.13	0.16	0.21	0.27	0.36	0.49	0.60	0.66	0.68	0.71	0.76	0.71	0.64	0.44	0.30	0.22	0.16	0.14	7.63	7.63
-35	0.12	0.15	0.18	0.22	0.27	0.32	0.34	0.35	0.34	0.36	0.40	0.40	0.37	0.31	0.24	0.19	0.16	0.13	4.84	4.84
-40	0.11	0.14	0.17	0.20	0.22	0.24	0.25	0.24	0.23	0.24	0.26	0.27	0.26	0.24	0.20	0.18	0.15	0.12	3.71	3.71
-45	0.11	0.14	0.17	0.20	0.22	0.24	0.25	0.24	0.23	0.24	0.26	0.27	0.26	0.24	0.20	0.18	0.15	0.12	3.71	3.71
	-45	-40	-35	-30	-25	-20	-15	-10	0	10	15	20	25	30	35	40	45			
Φ t	2.82	3.79	6.16	12.4	22.0	35.1	50.2	63.7	72.1	73.5	66.9	53.7	38.3	25.0	14.4	7.20	4.27	3.08	611	
Φ a	2.82	3.79	6.16	12.4	22.0	35.1	50.2	63.7	72.1	73.5	66.9	53.7	38.3	25.0	14.4	7.20	4.27	3.08		611

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

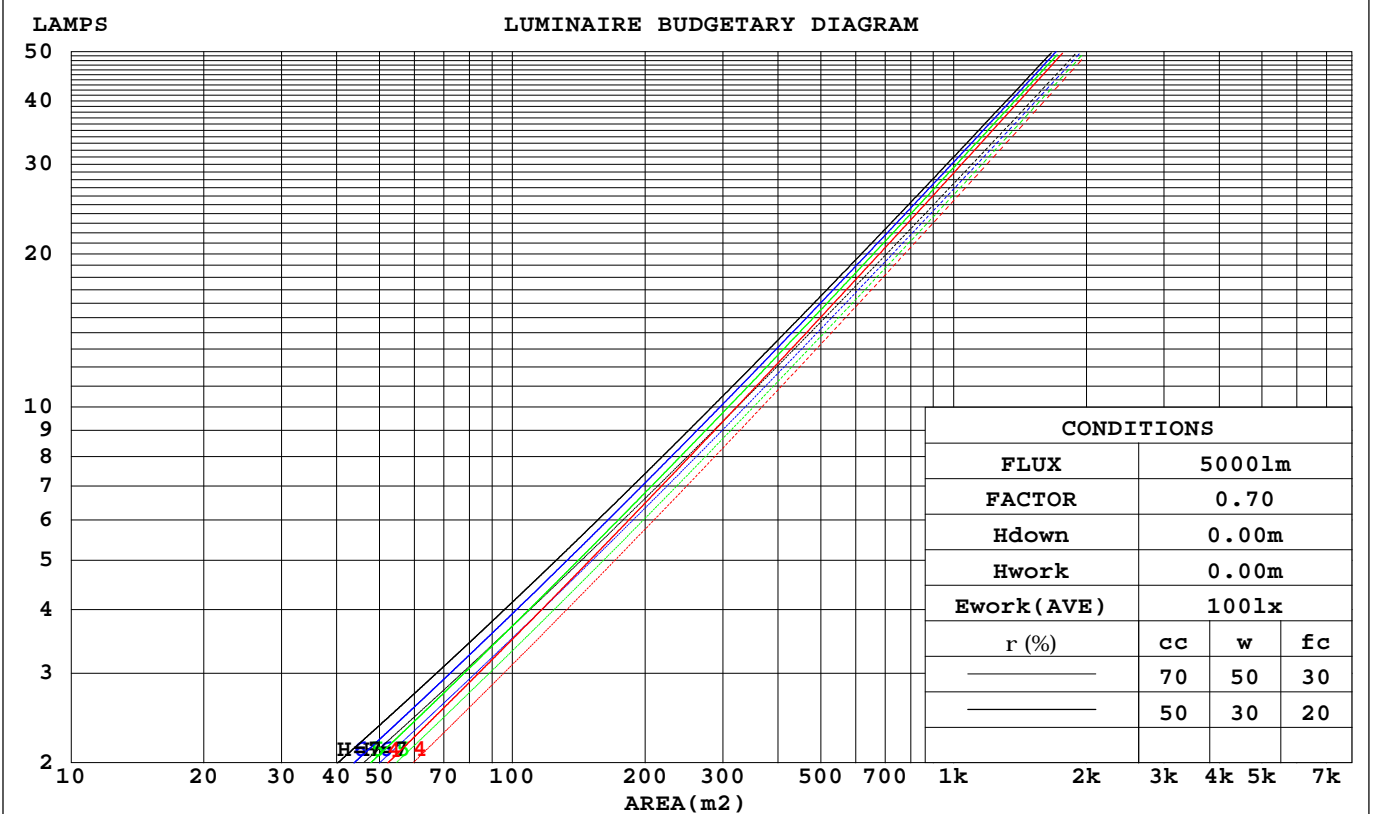
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500		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	1.10	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	.84	.81	.87	.83	.80	.85	.81	.79	.83	.80	.77	.76
5.0	.86	.80	.76	.85	.79	.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	.64	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.62
9.0	.70	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.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): 3500	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	.161	.092	.029	.148	.086	.027	.137	.079	.026	
2.0	.170	.093	.029	.164	.090	.028	.153	.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	.078	.023	.145	.076	.022	.136	.072	.022	.128	.069	.021	.121	.066	.020	
5.0	.140	.072	.021	.137	.070	.020	.129	.067	.020	.122	.065	.019	.116	.062	.019	
6.0	.133	.066	.019	.129	.065	.019	.123	.063	.018	.117	.061	.018	.111	.058	.017	
7.0	.126	.062	.018	.123	.061	.017	.117	.059	.017	.111	.057	.017	.106	.055	.016	
8.0	.119	.058	.016	.117	.057	.016	.111	.056	.016	.107	.054	.016	.102	.052	.015	
9.0	.114	.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	.095	.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	.203	.203	.203	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.184	.169	.157	.157	.145	.135	.107	.100	.093	.062	.058	.054	.020	.019	.018	
2.0	.168	.145	.125	.144	.125	.108	.099	.086	.075	.057	.050	.044	.018	.016	.014	
3.0	.155	.126	.102	.133	.109	.089	.092	.075	.062	.053	.044	.037	.017	.014	.012	
4.0	.145	.111	.086	.124	.096	.074	.085	.067	.052	.049	.039	.031	.016	.013	.010	
5.0	.135	.099	.073	.116	.086	.064	.080	.060	.045	.046	.035	.027	.015	.012	.009	
6.0	.127	.090	.063	.109	.078	.055	.075	.055	.039	.044	.032	.023	.014	.010	.008	
7.0	.120	.082	.056	.103	.071	.049	.071	.050	.034	.042	.029	.020	.013	.010	.007	
8.0	.114	.076	.050	.098	.066	.043	.068	.046	.031	.040	.027	.018	.013	.009	.006	
9.0	.109	.071	.045	.094	.061	.039	.065	.043	.028	.038	.025	.017	.012	.008	.005	
10.0	.104	.066	.041	.089	.057	.036	.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): 3500			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	19.5	20.4	19.7	20.6	20.8	19.7	20.5	19.9	20.7	20.9
3H	20.4	21.2	20.7	21.4	21.6	20.5	21.3	20.8	21.5	21.7
4H	20.6	21.4	20.9	21.7	21.9	20.7	21.4	21.0	21.7	21.9
6H	20.8	21.5	21.1	21.8	22.1	20.7	21.4	21.0	21.7	22.0
8H	20.9	21.6	21.2	21.8	22.1	20.7	21.4	21.0	21.7	21.9
12H	21.0	21.7	21.3	22.0	22.3	20.7	21.3	21.0	21.6	21.9
4H 2H	19.9	20.7	20.2	21.0	21.2	20.1	20.9	20.4	21.1	21.4
3H	20.9	21.6	21.3	21.9	22.2	21.2	21.9	21.6	22.2	22.5
4H	21.3	21.9	21.7	22.2	22.6	21.6	22.2	22.0	22.5	22.9
6H	21.5	22.0	21.9	22.4	22.8	21.7	22.3	22.1	22.6	23.0
8H	21.6	22.1	22.0	22.5	22.9	21.8	22.3	22.2	22.7	23.1
12H	21.8	22.2	22.2	22.6	23.1	21.8	22.2	22.2	22.6	23.1
8H 4H	21.5	22.0	21.9	22.4	22.8	21.8	22.3	22.2	22.7	23.1
6H	21.8	22.2	22.2	22.6	23.1	22.1	22.6	22.6	23.0	23.4
8H	21.9	22.3	22.4	22.7	23.2	22.3	22.7	22.8	23.1	23.6
12H	22.2	22.5	22.7	23.0	23.5	22.4	22.7	22.9	23.2	23.7
12H 4H	21.5	22.0	21.9	22.4	22.8	21.7	22.2	22.2	22.6	23.0
6H	21.8	22.2	22.3	22.6	23.1	22.2	22.5	22.6	23.0	23.4
8H	22.0	22.3	22.5	22.8	23.3	22.4	22.7	22.9	23.2	23.7
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 610.6 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): 3500	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	83	77	72	83	76	72	82	76	72	68	
0.80	91	85	80	90	84	80	89	83	80	76	
1.00	96	90	85	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	101	98	105	100	97	102	98	95	89	
2.50	108	104	100	106	103	99	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	105	104	96	
ROOM INDEX	UF(total)									Direct	
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25			

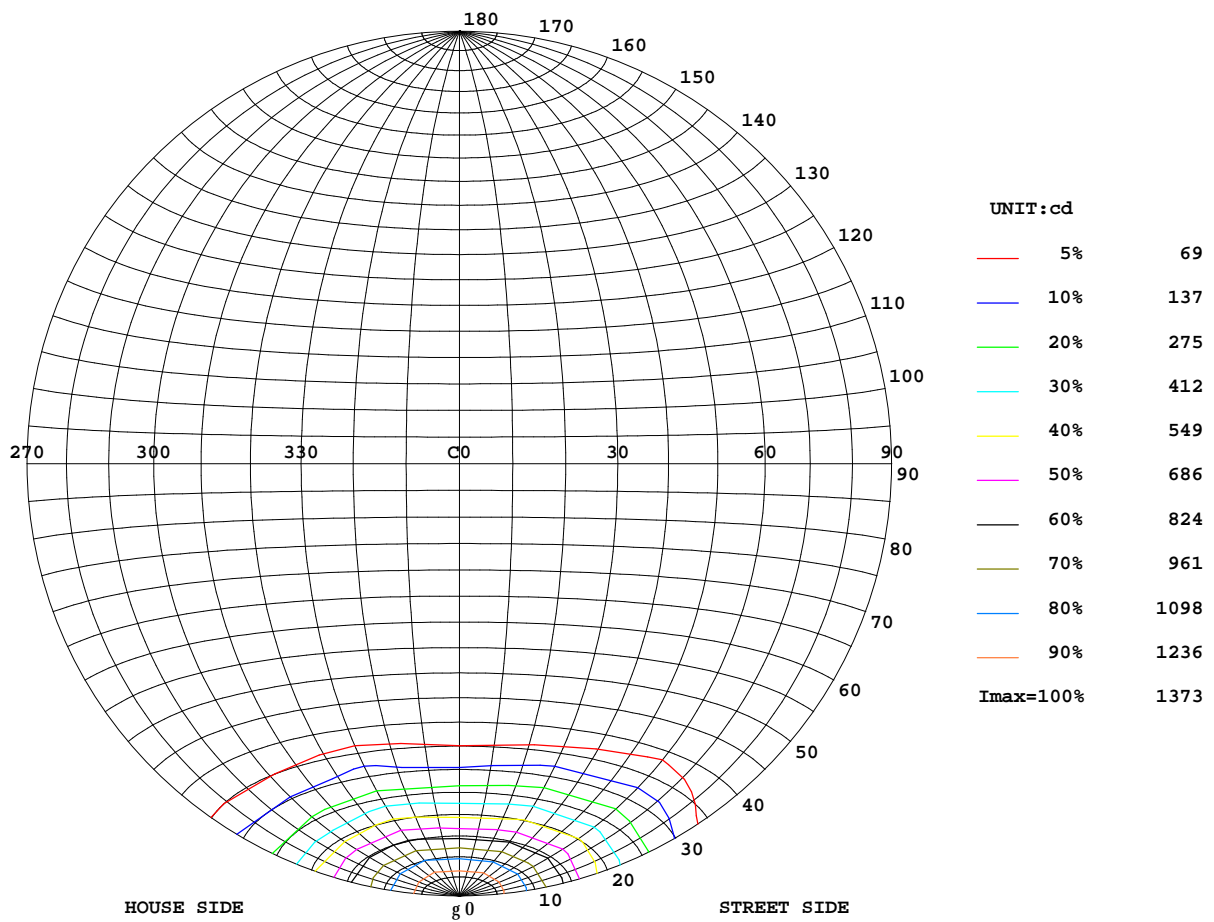
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

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): 3500	DIMENSION:	SERIAL No.:



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

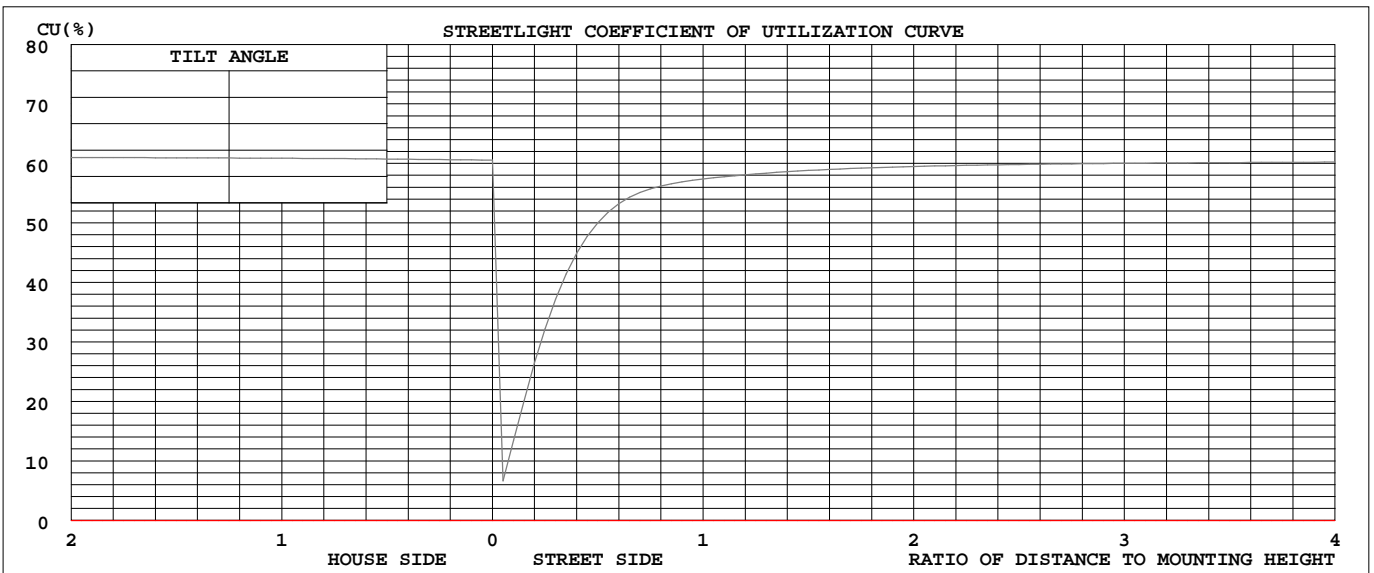
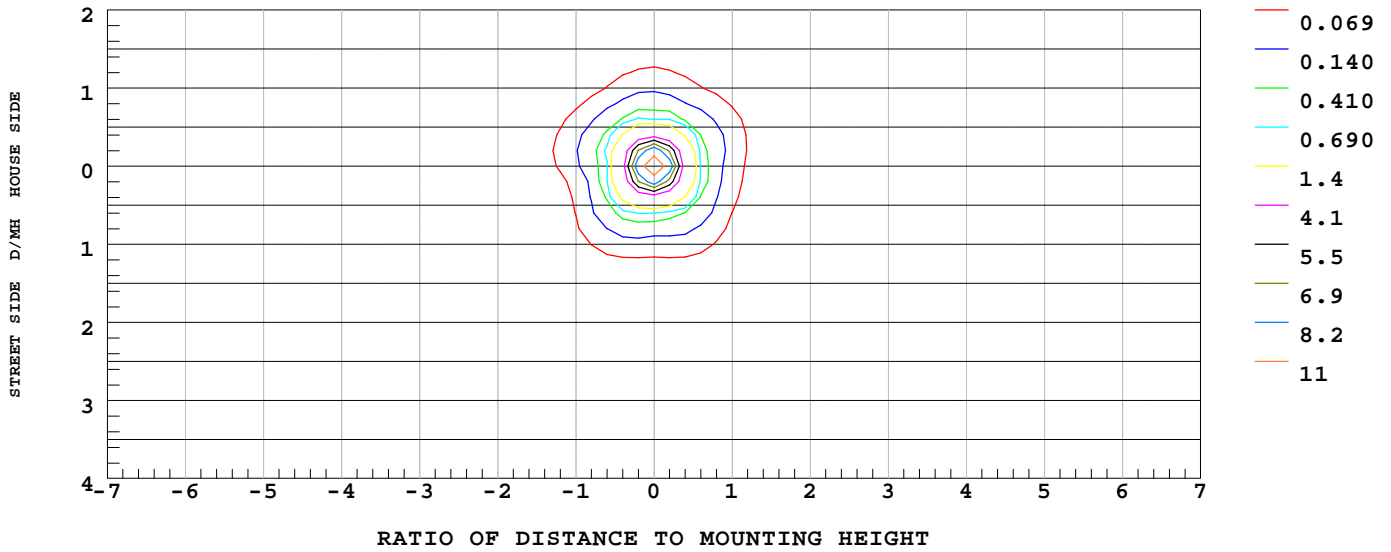
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 13.73 lx



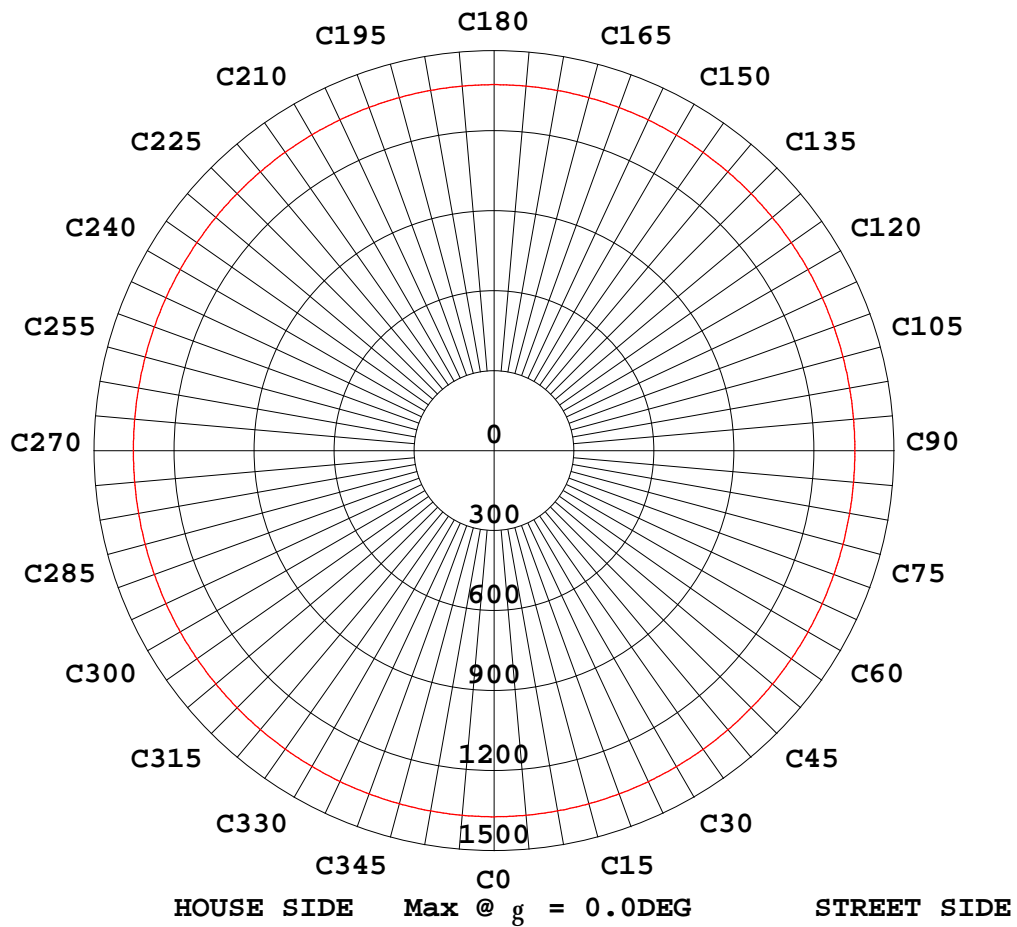
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/18

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): 3500	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): 3500	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1373	1368	1359	1353	1359	1367	1373	1368	1359	1353	1359	1367
5.0	1288	1296	1282	1268	1258	1281	1289	1271	1271	1281	1299	1293
10.0	1073	1082	1064	1047	1024	1057	1069	1045	1053	1070	1099	1084
15.0	785	812	801	752	743	773	784	781	794	807	833	813
20.0	518	553	558	479	484	515	489	517	522	511	566	546
25.0	327	353	349	306	309	311	283	313	295	295	338	348
30.0	157	206	213	133	169	194	121	175	156	156	193	206
35.0	68.7	84.5	110	53.3	81.5	75.6	47.7	84.3	69.1	67.3	89.0	102
40.0	43.2	42.4	56.2	34.0	46.8	40.1	34.0	46.1	37.5	42.3	43.5	51.5
45.0	32.4	30.0	38.9	26.6	34.1	30.7	26.4	36.4	29.9	33.2	32.0	37.8
50.0	28.9	24.6	30.9	24.2	29.9	24.2	23.9	30.1	25.2	29.7	25.2	30.2
55.0	25.0	21.9	27.4	19.6	26.1	20.6	19.6	26.2	22.0	25.2	22.4	26.6
60.0	19.5	16.2	21.0	15.6	19.9	15.2	15.5	20.8	16.4	18.8	17.8	21.6
65.0	14.5	12.4	16.8	11.4	16.1	12.1	12.2	16.9	11.9	13.6	13.1	16.7
70.0	9.81	8.73	12.6	7.10	12.2	8.49	8.28	13.5	8.24	8.94	9.67	12.6
75.0	5.63	5.56	8.56	3.48	8.87	4.94	4.62	10.2	5.18	4.87	6.57	9.08
80.0	3.23	3.13	5.49	1.25	6.05	2.50	1.81	7.13	2.88	3.16	4.14	6.23
85.0	2.78	1.49	3.55	0.66	3.75	1.07	0.97	4.56	1.46	2.71	2.19	4.21
90.0	2.54	0.59	2.57	0.52	2.50	0.52	0.94	2.74	0.63	2.47	0.73	2.71
95.0	2.36	0.59	2.36	0.56	2.29	0.52	0.94	2.47	0.63	2.29	0.59	2.43
100.0	2.22	0.63	2.19	0.56	2.12	0.56	0.94	2.29	0.63	2.15	0.59	2.26
105.0	2.08	0.66	2.05	0.56	2.01	0.59	0.97	2.15	0.66	2.01	0.63	2.12
110.0	1.98	0.66	1.91	0.63	1.87	0.63	1.00	2.01	0.66	1.91	0.63	1.98
115.0	1.87	0.70	1.81	0.63	1.81	0.63	1.00	1.91	0.70	1.81	0.63	1.84
120.0	1.81	0.73	1.74	0.66	1.70	0.66	1.04	1.81	0.70	1.74	0.66	1.77
125.0	1.74	0.77	1.67	0.70	1.67	0.73	1.07	1.74	0.73	1.63	0.70	1.70
130.0	1.70	0.84	1.63	0.77	1.63	0.80	1.14	1.70	0.80	1.60	0.73	1.67
135.0	1.70	0.94	1.63	0.87	1.63	0.91	1.25	1.70	0.91	1.60	0.84	1.67
140.0	1.77	1.07	1.70	1.04	1.74	1.07	1.42	1.77	1.04	1.67	0.97	1.74
145.0	1.94	1.32	1.87	1.32	1.87	1.32	1.67	1.91	1.28	1.84	1.18	1.87
150.0	2.19	1.63	2.08	1.63	2.12	1.63	2.01	2.15	1.60	2.08	1.49	2.08
155.0	2.50	2.01	2.43	1.98	2.43	1.98	2.36	2.47	1.94	2.36	1.87	2.40
160.0	2.85	2.40	2.74	2.36	2.78	2.40	2.78	2.81	2.33	2.71	2.26	2.74
165.0	3.23	2.74	3.06	2.74	3.06	2.78	3.20	3.16	2.71	3.06	2.64	3.06
170.0	3.48	3.09	3.34	3.06	3.34	3.06	3.55	3.44	3.02	3.37	2.95	3.37
175.0	3.72	3.30	3.51	3.27	3.16	3.55	3.79	3.62	3.23	3.58	3.16	3.55
180.0	3.89	3.65	3.30	3.62	3.23	3.62	3.89	3.65	3.30	3.62	3.23	3.62

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks: