

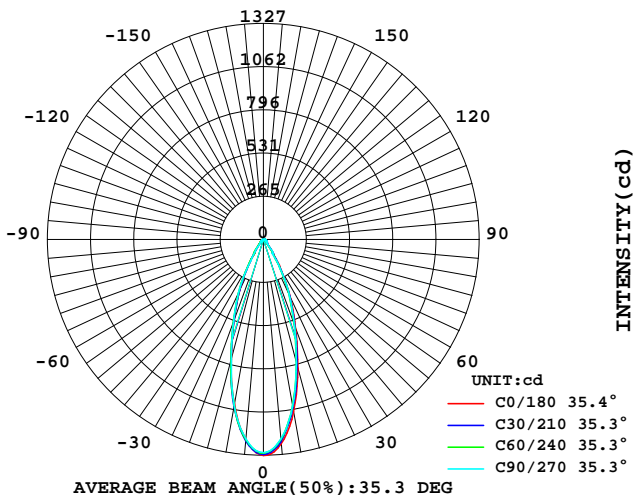
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

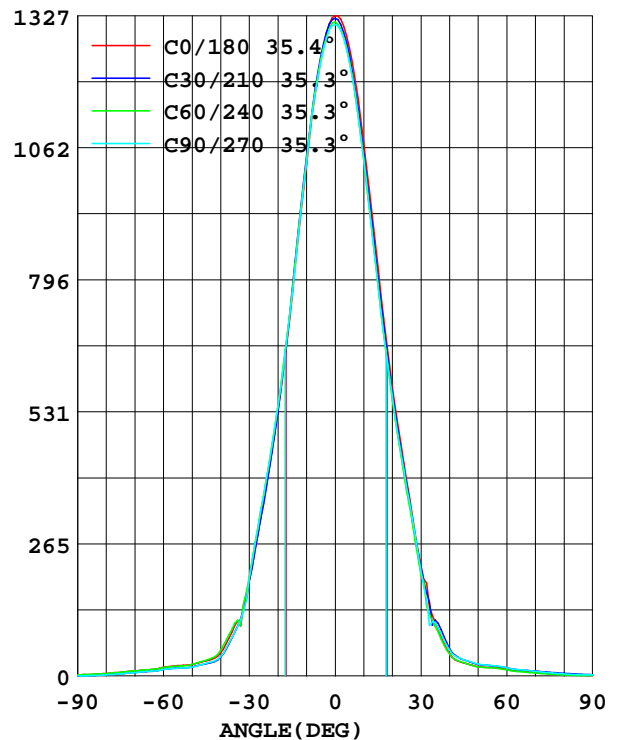
MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1327	S/MH(C0/180)	0.55
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.56
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	631.5	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	73.4	Current(A)	0.073
NOMINAL FLUX(lm)	631.5	h up(%)	1.5	Power(W)	8.600
LAMPS QUANTITY	1	h down(%)	98.5	Power Factor(PF)	0.968
TEST VOLTAGE(V)	120.7	Effective Flux(lm)	631.5	EET	0.162

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



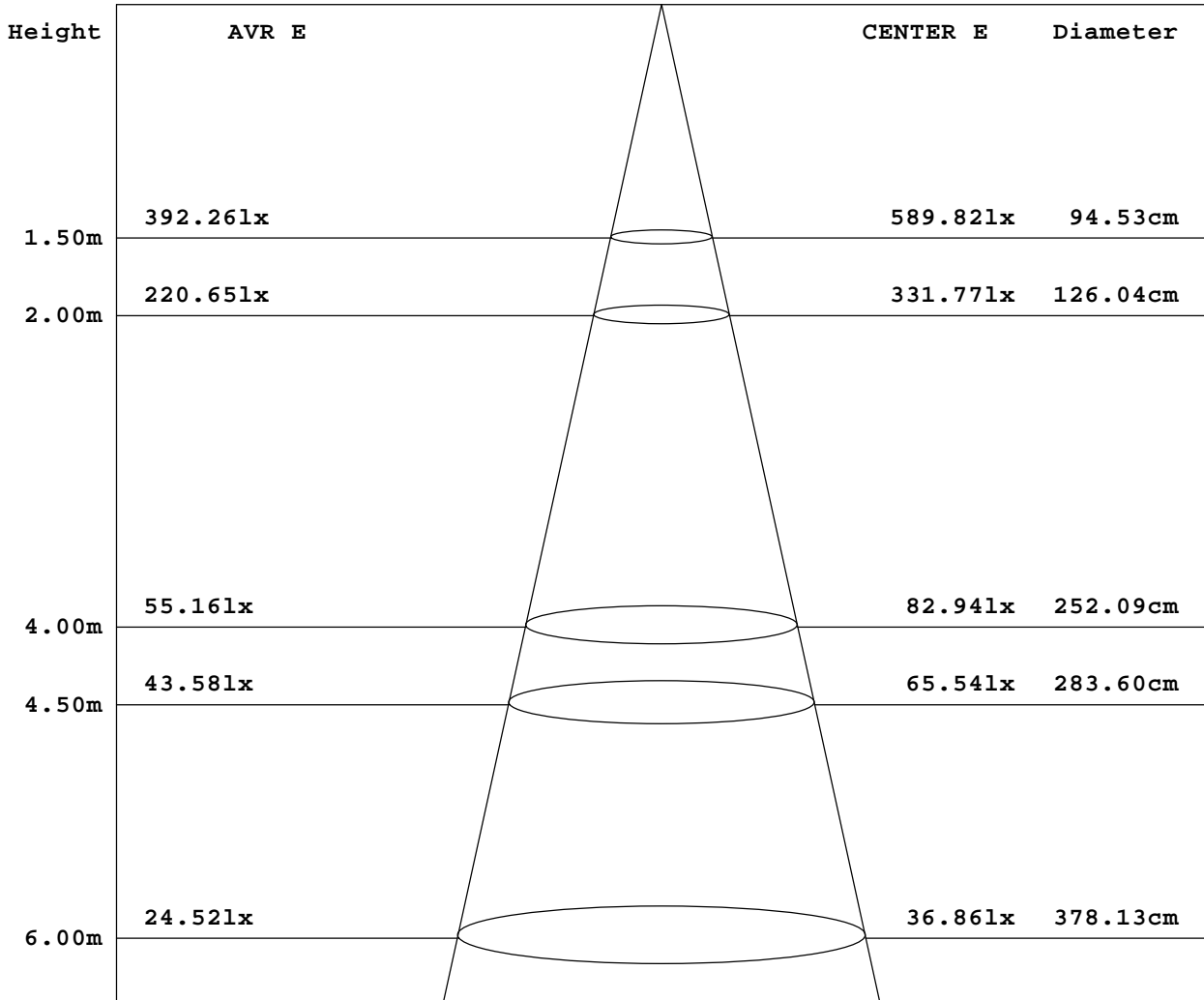
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:



Angle: 35.0deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024/01/25

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-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tTotal
5.0	1237	1241	1233	1239	1262	1242	1232	1252	0- 5	30.61	30.61
10.0	1028	1041	1035	1038	1074	1045	1041	1055	5- 10	81.64	112.2
15.0	762.6	773.9	767.2	777.2	822.5	792.7	786.7	795.5	10- 15	107.8	220.0
20.0	529.5	534.4	539.8	554.5	579.2	560.3	561.3	562.2	15- 20	108.6	328.7
25.0	352.7	355.4	363.0	381.2	394.3	379.8	381.2	382.2	20- 25	95.88	424.6
30.0	191.5	195.2	196.6	202.5	222.5	212.1	212.3	213.4	25- 30	72.85	497.4
35.0	101.7	97.18	87.72	103.1	107.6	105.6	107.9	101.4	30- 35	41.18	538.6
40.0	46.08	44.38	38.60	44.88	45.11	49.22	51.79	46.33	35- 40	24.09	562.7
45.0	30.45	28.30	25.65	28.84	26.10	29.48	32.79	29.13	40- 45	12.95	575.6
50.0	23.00	20.53	17.64	19.89	18.17	20.64	23.87	21.35	45- 50	9.943	585.6
55.0	20.71	17.90	15.80	18.22	16.84	18.41	20.92	18.86	50- 55	8.379	594.0
60.0	17.64	15.05	12.87	14.67	13.15	14.49	16.63	15.80	55- 60	7.827	601.8
65.0	12.77	10.94	9.433	11.06	9.433	10.35	12.25	11.38	60- 65	6.072	607.9
70.0	10.16	8.615	6.892	8.632	7.205	7.919	9.259	9.085	65- 70	4.947	612.8
75.0	7.449	6.074	4.386	6.126	5.117	5.587	6.439	6.613	70- 75	3.778	616.6
80.0	5.082	3.846	2.297	3.950	3.306	3.672	4.072	4.542	75- 80	2.636	619.2
85.0	3.202	2.175	0.870	2.175	1.775	2.384	2.645	2.854	80- 85	1.648	620.9
90.0	2.436	1.479	0.557	1.427	0.905	1.566	2.401	1.549	85- 90	1.010	621.9
95.0	2.262	1.392	0.557	1.357	0.905	1.479	2.227	1.444	90- 95	0.810	622.7
100.0	2.123	1.322	0.592	1.287	0.940	1.409	2.088	1.374	95-100	0.765	623.5
105.0	1.984	1.287	0.627	1.253	0.940	1.357	1.984	1.322	100-105	0.723	624.2
110.0	1.914	1.253	0.627	1.200	0.940	1.305	1.844	1.270	105-110	0.681	624.9
115.0	1.810	1.200	0.661	1.183	0.975	1.253	1.740	1.218	110-115	0.639	625.5
120.0	1.740	1.183	0.696	1.166	0.975	1.218	1.670	1.183	115-120	0.597	626.1
125.0	1.705	1.200	0.731	1.166	1.009	1.218	1.601	1.183	120-125	0.561	626.7
130.0	1.670	1.253	0.835	1.183	1.079	1.218	1.601	1.183	125-130	0.531	627.2
135.0	1.740	1.322	0.940	1.287	1.218	1.270	1.601	1.253	130-135	0.514	627.7
140.0	1.844	1.479	1.148	1.427	1.392	1.409	1.705	1.392	135-140	0.511	628.2
145.0	2.018	1.688	1.392	1.636	1.636	1.583	1.844	1.601	140-145	0.518	628.7
150.0	2.297	1.966	1.705	1.914	1.949	1.862	2.088	1.879	145-150	0.528	629.3
155.0	2.610	2.314	2.053	2.262	2.332	2.193	2.401	2.193	150-155	0.531	629.8
160.0	2.958	2.680	2.436	2.610	2.715	2.558	2.715	2.558	155-160	0.514	630.3
165.0	3.306	3.011	2.819	2.958	3.132	2.906	3.098	2.924	160-165	0.463	630.8
170.0	3.585	3.272	3.098	3.219	3.481	3.202	3.376	3.202	165-170	0.372	631.1
175.0	3.724	3.446	3.306	3.376	3.724	3.411	3.550	3.376	170-175	0.241	631.4
180.0	3.829	3.463	3.620	3.428	3.829	3.463	3.620	3.428	175-180	0.084	631.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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

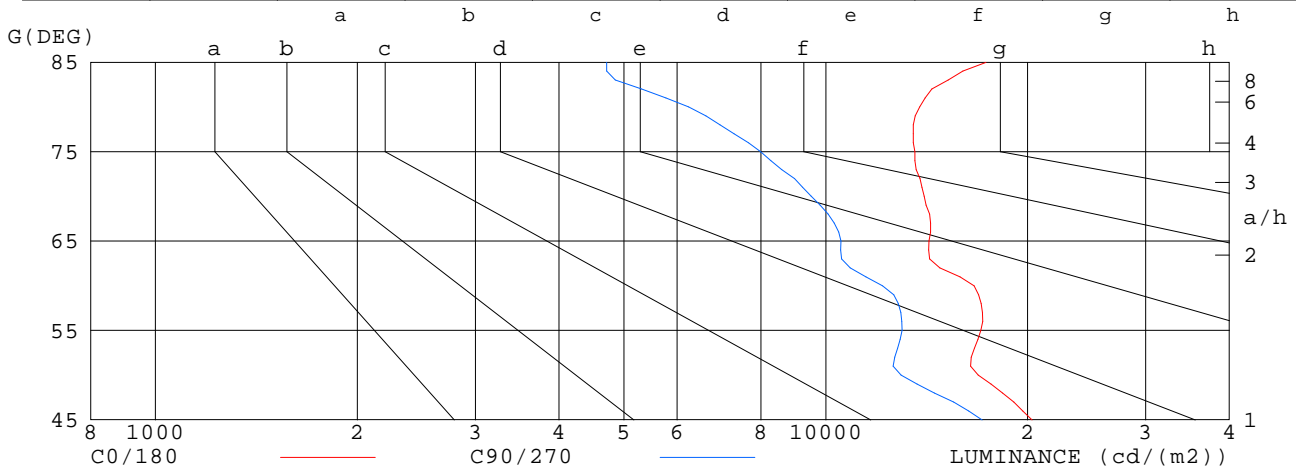
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300	<=300	<=300	<=300	<=300
1.15	A	2000	1000	500	<=300	<=300	<=300	<=300	<=300
1.50	B		2000	1000	500	<=300	<=300	<=300	<=300
1.85	C			2000	1000	500	<=300	<=300	<=300
2.20	D				2000	1000	500	<=300	<=300
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	17332	4710
80	13805	6241
75	13576	7994
70	14018	9506
65	14259	10529
60	16650	12151
55	17033	12997
50	16885	12951
45	20318	17114

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/25

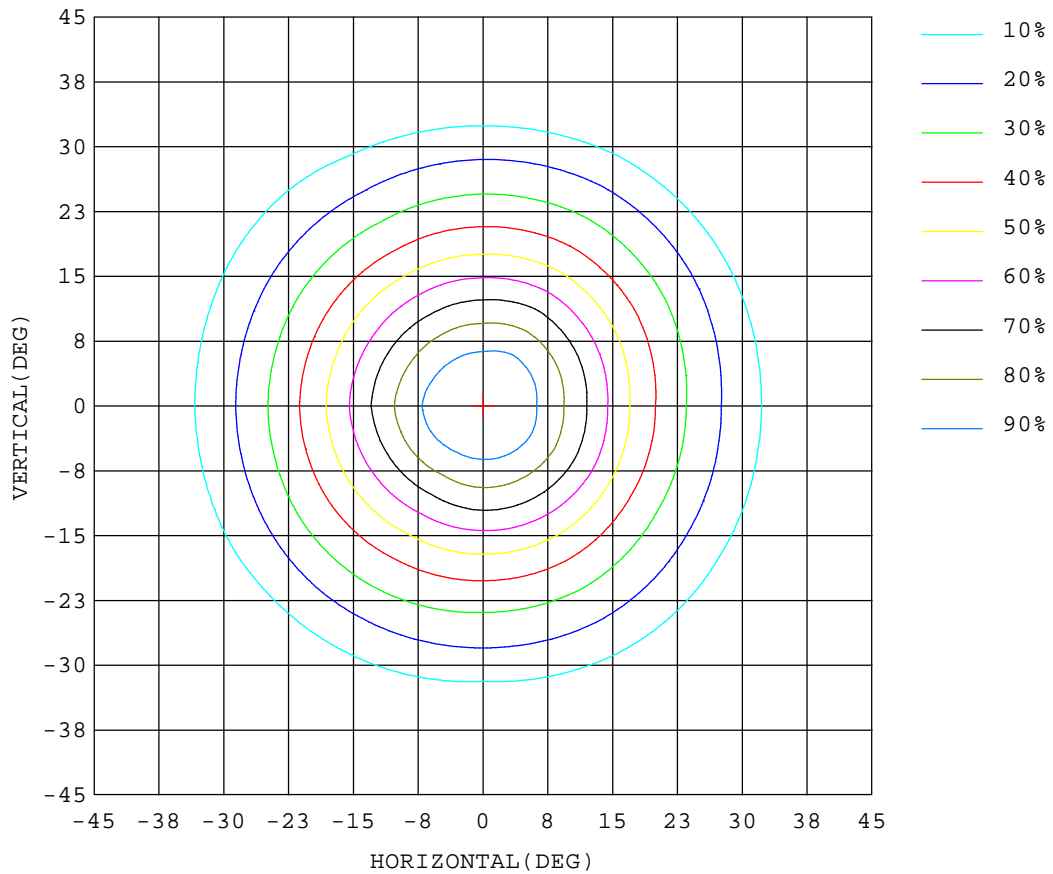
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

UNIT: cd



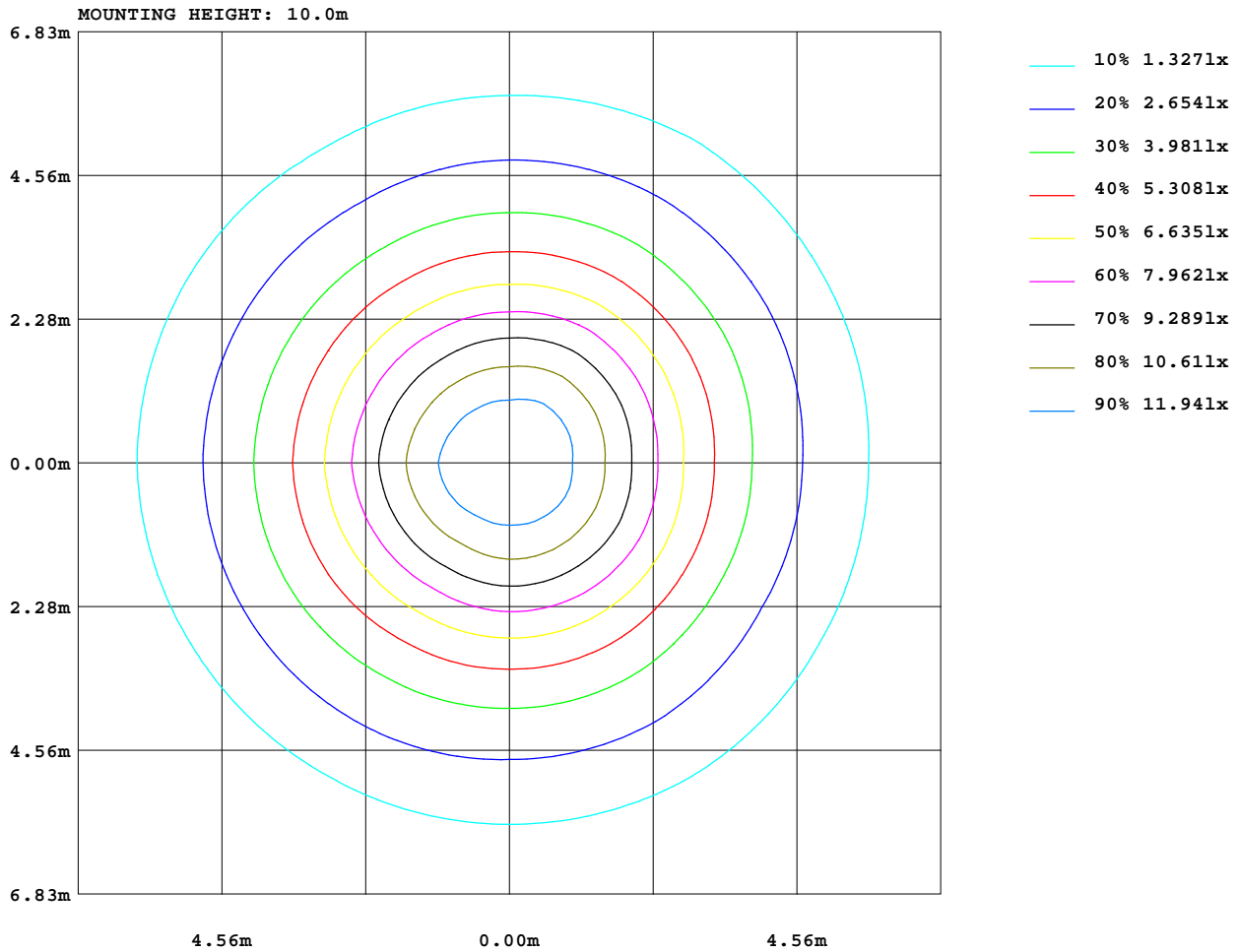
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/25

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-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/25

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-R09W-5CCT-2RR-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	0.10	0.12	0.13	0.14	0.16	0.20	0.23	0.27	0.29	0.29	0.26	0.23	0.19	0.16	0.14	0.13	0.12	0.11	3.27	3.27
40	0.11	0.13	0.16	0.19	0.23	0.30	0.41	0.51	0.58	0.58	0.51	0.40	0.29	0.22	0.19	0.16	0.13	0.12	5.20	5.20
35	0.12	0.16	0.20	0.27	0.42	0.60	0.78	0.95	1.05	1.05	0.95	0.77	0.58	0.40	0.26	0.20	0.16	0.13	9.04	9.04
30	0.14	0.19	0.28	0.49	0.74	1.08	1.55	1.98	2.22	2.25	2.04	1.62	1.08	0.70	0.46	0.26	0.19	0.14	17.4	17.4
25	0.15	0.23	0.44	0.74	1.24	1.95	2.63	3.17	3.49	3.51	3.24	2.72	2.00	1.18	0.69	0.41	0.22	0.16	28.2	28.2
20	0.17	0.29	0.61	1.08	1.92	2.86	3.73	4.51	4.99	5.02	4.59	3.80	2.87	1.89	0.96	0.58	0.28	0.17	40.3	40.3
15	0.18	0.36	0.75	1.50	2.57	3.71	4.94	6.08	6.82	6.89	6.21	4.95	3.65	2.48	1.37	0.67	0.35	0.19	53.7	53.7
10	0.19	0.42	0.91	1.83	3.06	4.46	6.10	7.62	8.54	8.64	7.71	6.02	4.29	2.88	1.68	0.78	0.41	0.20	65.7	65.7
5	0.19	0.45	1.01	2.03	3.34	4.94	6.88	8.62	9.63	9.67	8.52	6.62	4.63	3.06	1.82	0.85	0.44	0.20	72.9	72.9
0	0.18	0.44	1.01	2.03	3.35	4.93	6.85	8.62	9.63	9.62	8.49	6.60	4.58	3.02	1.79	0.84	0.42	0.20	72.6	72.6
-5	0.17	0.39	0.89	1.81	3.06	4.44	6.02	7.55	8.50	8.55	7.58	5.92	4.16	2.76	1.61	0.76	0.37	0.18	64.8	64.8
-10	0.16	0.32	0.72	1.45	2.57	3.70	4.87	5.94	6.71	6.75	6.00	4.76	3.45	2.31	1.28	0.63	0.30	0.17	52.1	52.1
-15	0.14	0.24	0.54	1.02	1.88	2.86	3.70	4.40	4.86	4.86	4.40	3.60	2.68	1.74	0.90	0.47	0.23	0.15	38.7	38.7
-20	0.13	0.19	0.35	0.69	1.16	1.91	2.63	3.12	3.37	3.36	3.07	2.55	1.84	1.09	0.62	0.32	0.18	0.13	26.7	26.7
-25	0.11	0.16	0.23	0.43	0.71	1.01	1.48	1.89	2.11	2.10	1.88	1.48	1.00	0.68	0.41	0.22	0.15	0.11	16.2	16.2
-30	0.10	0.13	0.18	0.26	0.41	0.62	0.75	0.88	0.96	0.96	0.88	0.76	0.64	0.42	0.25	0.18	0.13	0.10	8.60	8.60
-35	0.10	0.11	0.15	0.20	0.25	0.32	0.39	0.45	0.48	0.48	0.47	0.41	0.34	0.25	0.20	0.15	0.11	0.09	4.94	4.94
-40	0.09	0.11	0.13	0.15	0.19	0.22	0.23	0.24	0.24	0.24	0.24	0.23	0.22	0.20	0.16	0.13	0.11	0.09	3.20	3.20
-45	0.09	0.11	0.13	0.15	0.19	0.22	0.23	0.24	0.24	0.24	0.24	0.23	0.22	0.20	0.16	0.13	0.11	0.09	3.20	3.20
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φ t	2.51	4.43	8.70	16.3	27.3	40.1	54.2	66.8	74.5	74.9	67.1	53.5	38.5	25.5	14.8	7.72	4.28	2.62	632	
Φ a	2.51	4.43	8.70	16.3	27.3	40.1	54.2	66.8	74.5	74.9	67.1	53.5	38.5	25.5	14.8	7.72	4.28	2.62		632

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/25

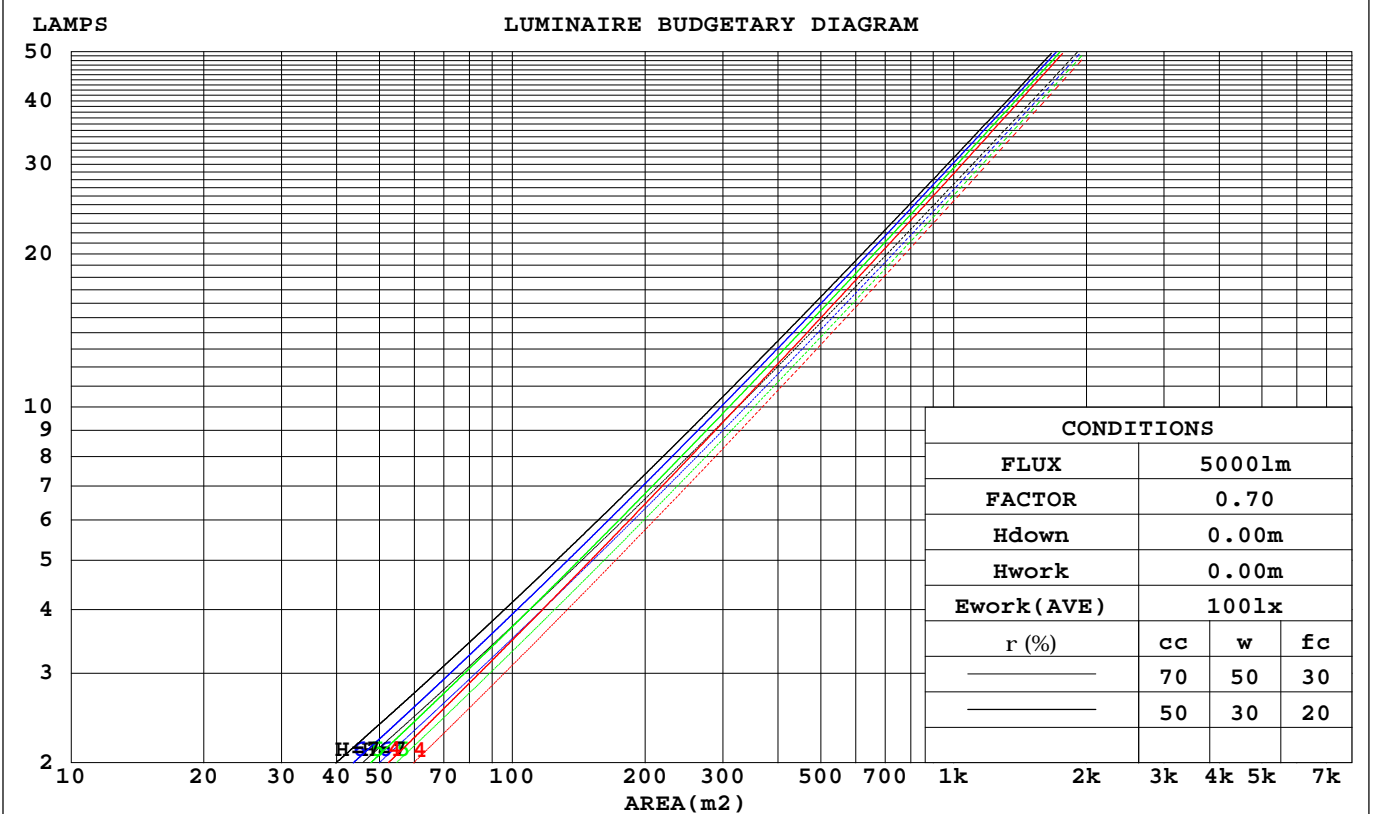
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-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	1.06	1.08	1.06	1.04	1.04	1.02	1.00	.90	.98	.97	.96	.95	.94	.92
2.0	1.03	.99	.96	1.01	.98	.94	.98	.95	.92	.94	.92	.90	.91	.90	.88	.86
3.0	.97	.92	.88	.95	.91	.87	.92	.89	.86	.90	.87	.84	.87	.85	.83	.81
4.0	.91	.86	.82	.90	.85	.81	.87	.83	.80	.85	.82	.79	.83	.80	.78	.76
5.0	.86	.80	.76	.85	.80	.76	.83	.78	.75	.81	.77	.74	.79	.76	.74	.72
6.0	.81	.76	.72	.81	.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	.67	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.64	.60	.58	.56



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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-R09W-5CCT-2RR-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	.179	.102	.032	.172	.098	.031	.159	.091	.029	.146	.084	.027	.135	.078	.025	
2.0	.168	.092	.028	.162	.089	.027	.151	.084	.026	.140	.079	.025	.130	.074	.023	
3.0	.158	.084	.025	.152	.082	.025	.143	.077	.024	.134	.073	.022	.125	.069	.021	
4.0	.148	.077	.023	.144	.075	.022	.135	.072	.021	.127	.068	.021	.120	.065	.020	
5.0	.140	.071	.021	.136	.070	.020	.129	.067	.020	.122	.064	.019	.115	.062	.019	
6.0	.132	.066	.019	.129	.065	.019	.122	.063	.018	.116	.060	.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	.112	.056	.016	.107	.054	.016	.102	.053	.015	
9.0	.114	.055	.015	.112	.054	.015	.107	.053	.015	.103	.051	.015	.099	.050	.014	
10.0	.109	.052	.015	.107	.052	.014	.103	.050	.014	.099	.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	.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	.167	.144	.125	.143	.124	.108	.098	.086	.075	.057	.050	.044	.018	.016	.014	
3.0	.155	.125	.102	.133	.108	.088	.091	.075	.062	.053	.044	.037	.017	.014	.012	
4.0	.144	.111	.085	.123	.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	.089	.063	.109	.077	.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	.075	.049	.098	.065	.043	.068	.046	.030	.039	.027	.018	.013	.009	.006	
9.0	.108	.070	.044	.093	.061	.039	.065	.043	.027	.038	.025	.016	.012	.008	.005	
10.0	.103	.066	.040	.089	.057	.035	.062	.040	.025	.036	.024	.015	.012	.008	.005	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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-R09W-5CCT-2RR-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	17.1	18.0	17.3	18.1	18.3	17.4	18.2	17.6	18.4	18.6
3H	18.1	18.9	18.4	19.1	19.4	18.2	19.0	18.4	19.2	19.4
4H	18.6	19.4	18.9	19.6	19.9	18.4	19.2	18.7	19.5	19.7
6H	19.1	19.8	19.4	20.1	20.3	18.6	19.3	18.9	19.6	19.9
8H	19.3	20.0	19.6	20.3	20.6	18.7	19.3	19.0	19.6	19.9
12H	19.5	20.2	19.8	20.5	20.8	18.7	19.3	19.0	19.6	19.9
4H 2H	17.4	18.2	17.7	18.4	18.7	17.7	18.4	18.0	18.7	18.9
3H	18.5	19.2	18.9	19.5	19.8	18.8	19.5	19.1	19.8	20.1
4H	19.1	19.7	19.5	20.1	20.4	19.3	19.9	19.7	20.2	20.6
6H	19.7	20.2	20.1	20.6	21.0	19.6	20.2	20.0	20.5	20.9
8H	19.9	20.4	20.4	20.8	21.2	19.7	20.2	20.1	20.6	21.0
12H	20.2	20.7	20.7	21.1	21.5	19.7	20.2	20.2	20.6	21.0
8H 4H	19.3	19.8	19.7	20.2	20.6	19.5	20.0	19.9	20.3	20.7
6H	19.9	20.3	20.4	20.7	21.2	20.0	20.5	20.5	20.9	21.3
8H	20.2	20.6	20.7	21.0	21.5	20.3	20.6	20.7	21.1	21.5
12H	20.6	20.9	21.0	21.3	21.8	20.4	20.7	20.9	21.2	21.7
12H 4H	19.3	19.8	19.8	20.2	20.6	19.4	19.9	19.9	20.3	20.7
6H	20.0	20.3	20.4	20.8	21.2	20.1	20.4	20.5	20.9	21.3
8H	20.3	20.6	20.8	21.1	21.6	20.4	20.7	20.8	21.1	21.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 0.4					+ 0.5 / - 0.6				
1.5H	+ 1.7 / - 0.5					+ 1.0 / - 0.9				
2.0H	+ 0.6 / - 0.8					+ 0.3 / - 0.7				

CIE Pub.117 Corrected 631.5 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.6)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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-R09W-5CCT-2RR-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	85	78	74	84	78	74	83	77	74	70
0.80	92	86	82	92	86	82	90	85	81	77
1.00	97	91	87	96	90	87	94	90	86	82
1.25	101	95	92	100	95	91	98	93	90	86
1.50	104	99	95	103	98	94	100	96	93	88
2.00	107	102	99	105	101	98	102	99	96	90
2.50	109	105	101	107	103	100	104	101	98	92
3.00	110	107	104	108	105	102	105	102	100	93
4.00	113	110	107	110	108	106	107	104	103	95
5.00	114	111	109	112	110	108	107	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

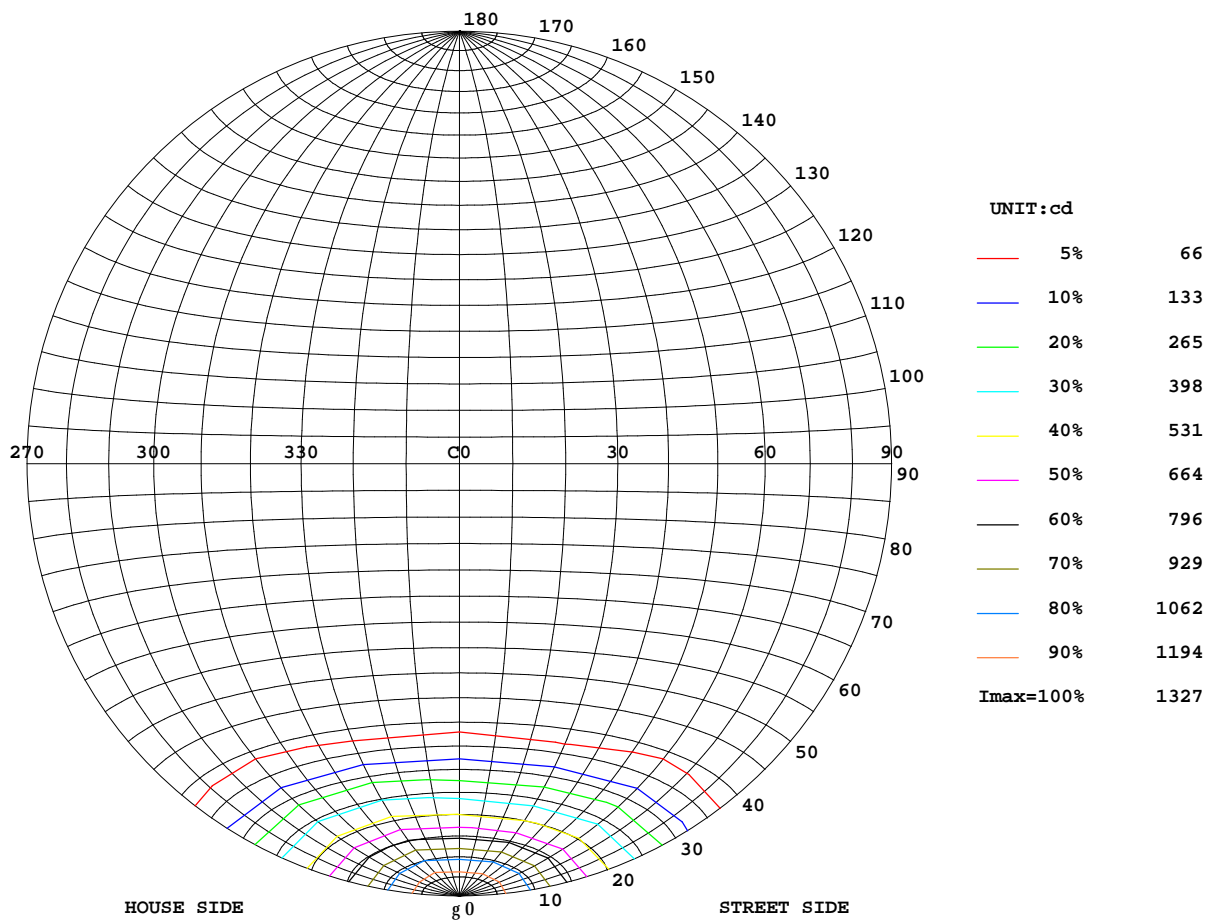
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/25

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-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

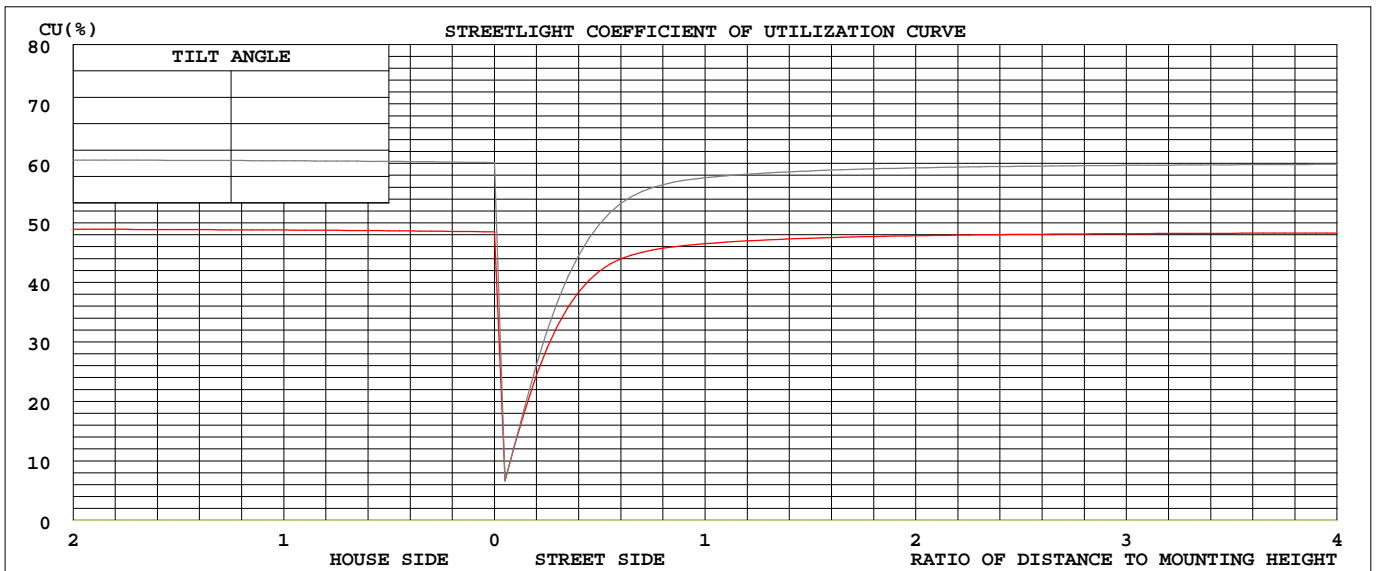
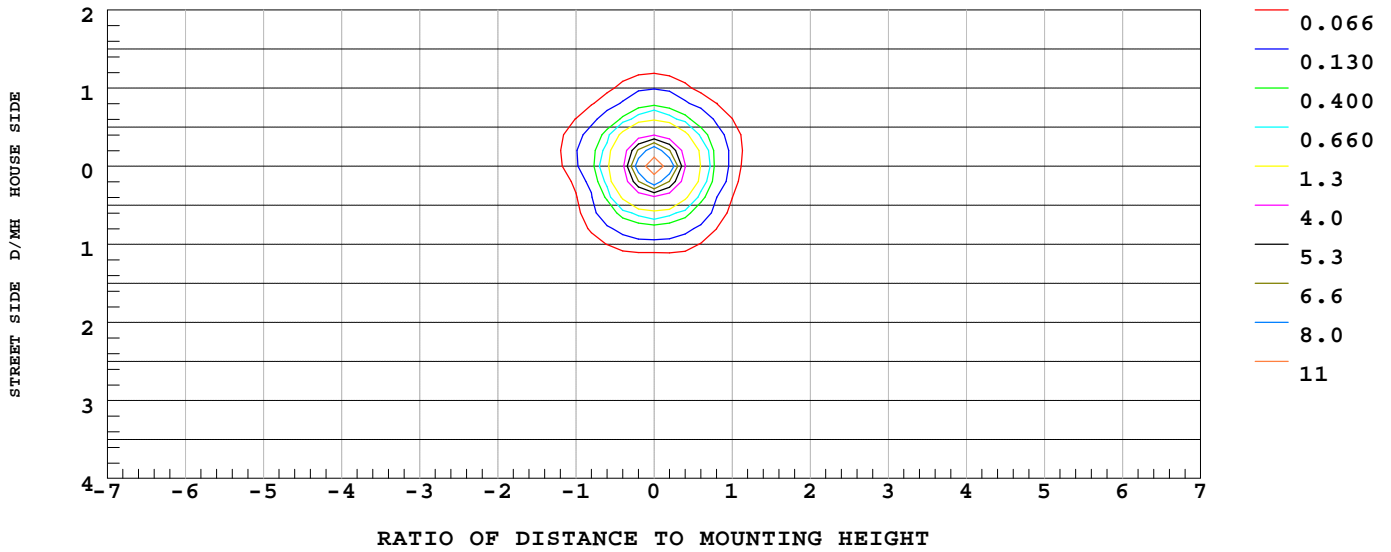
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 13.27 lx



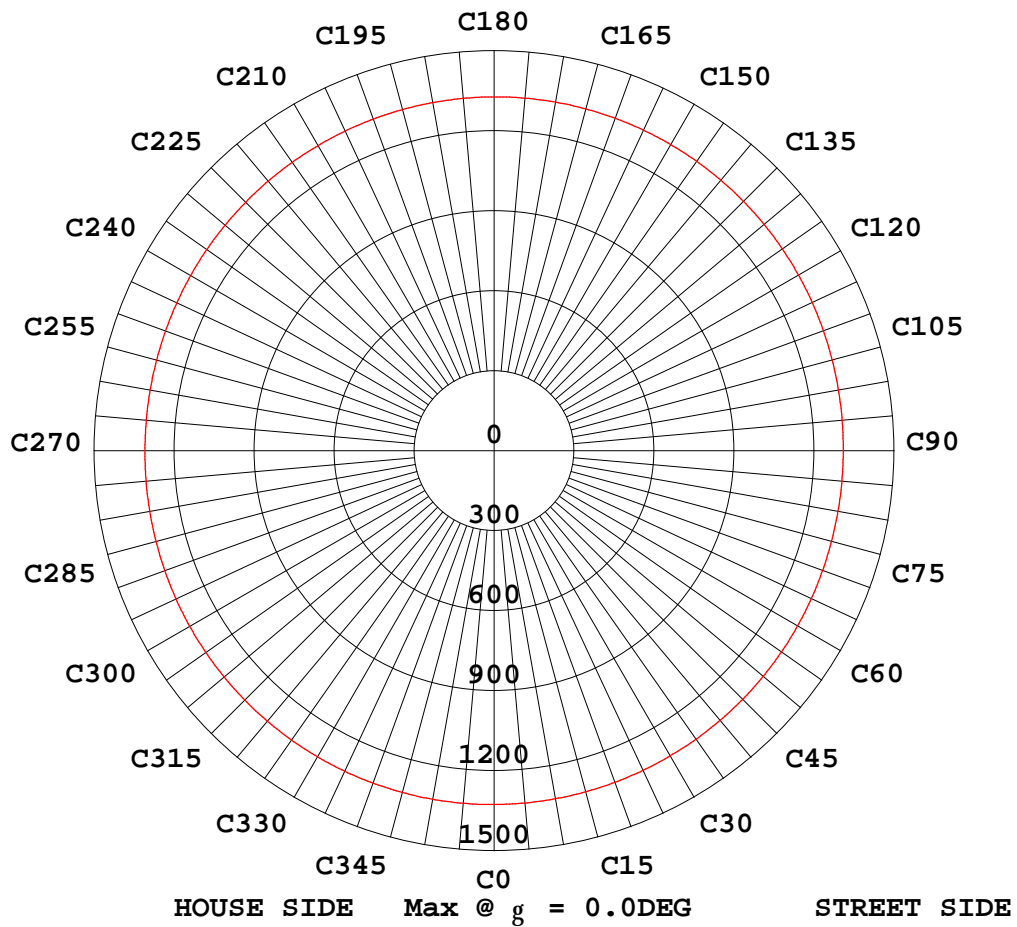
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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-R09W-5CCT-2RR-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	1327	1322	1315	1310	1318	1326	1327	1322	1315	1310	1318	1326
5.0	1237	1244	1239	1233	1231	1248	1262	1248	1236	1232	1254	1251
10.0	1028	1044	1037	1035	1026	1050	1074	1050	1040	1041	1061	1050
15.0	763	776	772	767	764	791	823	799	786	787	803	788
20.0	530	528	541	540	544	565	579	567	553	561	568	556
25.0	353	346	365	363	376	386	394	387	373	381	388	376
30.0	192	191	199	197	198	207	223	220	204	212	220	206
35.0	102	88.2	106	87.7	104	103	108	112	99.2	108	94.2	109
40.0	46.0	37.8	50.9	38.6	47.8	41.9	45.1	54.5	43.8	51.7	41.1	51.4
45.0	30.4	24.5	32.0	25.6	31.3	26.2	26.1	32.4	26.5	32.7	26.1	32.0
50.0	23.0	17.8	23.2	17.6	22.2	17.5	18.1	23.2	17.9	23.8	18.9	23.8
55.0	20.7	15.9	19.8	15.8	20.1	16.2	16.8	20.5	16.2	20.9	16.9	20.8
60.0	17.6	13.0	17.0	12.8	16.6	12.7	13.1	16.6	12.3	16.6	13.7	17.8
65.0	12.7	9.25	12.6	9.43	12.7	9.36	9.43	12.2	8.49	12.2	9.71	13.0
70.0	10.1	6.99	10.2	6.89	10.1	7.10	7.20	9.81	6.02	9.25	7.51	10.6
75.0	7.44	4.59	7.55	4.38	7.41	4.83	5.11	7.41	3.75	6.43	5.11	8.11
80.0	5.08	2.57	5.11	2.29	5.08	2.81	3.30	5.39	1.94	4.07	3.13	5.95
85.0	3.20	1.00	3.34	0.87	3.23	1.11	1.77	3.72	1.04	2.64	1.67	4.03
90.0	2.43	0.63	2.33	0.56	2.29	0.56	0.91	2.47	0.66	2.40	0.63	2.47
95.0	2.26	0.63	2.15	0.56	2.12	0.59	0.91	2.29	0.66	2.22	0.63	2.26
100.0	2.12	0.63	2.01	0.59	1.98	0.59	0.94	2.15	0.66	2.08	0.63	2.12
105.0	1.98	0.66	1.91	0.63	1.87	0.63	0.94	2.01	0.70	1.98	0.66	1.98
110.0	1.91	0.70	1.81	0.63	1.77	0.63	0.94	1.91	0.70	1.84	0.66	1.87
115.0	1.81	0.70	1.70	0.66	1.70	0.66	0.97	1.81	0.70	1.74	0.66	1.77
120.0	1.74	0.73	1.63	0.70	1.63	0.70	0.97	1.70	0.73	1.67	0.70	1.67
125.0	1.70	0.80	1.60	0.73	1.60	0.73	1.00	1.67	0.77	1.60	0.73	1.63
130.0	1.67	0.91	1.60	0.84	1.56	0.80	1.07	1.63	0.80	1.60	0.77	1.60
135.0	1.74	1.00	1.63	0.94	1.63	0.94	1.21	1.63	0.91	1.60	0.87	1.63
140.0	1.84	1.21	1.74	1.14	1.74	1.11	1.39	1.74	1.07	1.70	1.04	1.74
145.0	2.01	1.46	1.91	1.39	1.91	1.35	1.63	1.87	1.28	1.84	1.28	1.91
150.0	2.29	1.77	2.15	1.70	2.15	1.67	1.94	2.12	1.60	2.08	1.60	2.15
155.0	2.61	2.15	2.47	2.05	2.47	2.05	2.33	2.40	1.98	2.40	1.94	2.43
160.0	2.95	2.54	2.81	2.43	2.78	2.43	2.71	2.74	2.36	2.71	2.33	2.78
165.0	3.30	2.88	3.13	2.81	3.09	2.81	3.13	3.09	2.71	3.09	2.71	3.13
170.0	3.58	3.16	3.37	3.09	3.34	3.09	3.48	3.37	3.02	3.37	3.02	3.37
175.0	3.72	3.34	3.55	3.30	3.20	3.55	3.72	3.58	3.23	3.55	3.20	3.55
180.0	3.82	3.62	3.30	3.62	3.27	3.58	3.82	3.62	3.30	3.62	3.27	3.58

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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