

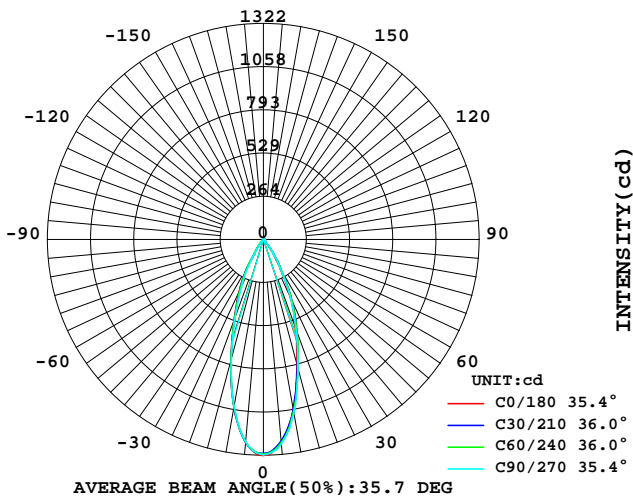
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

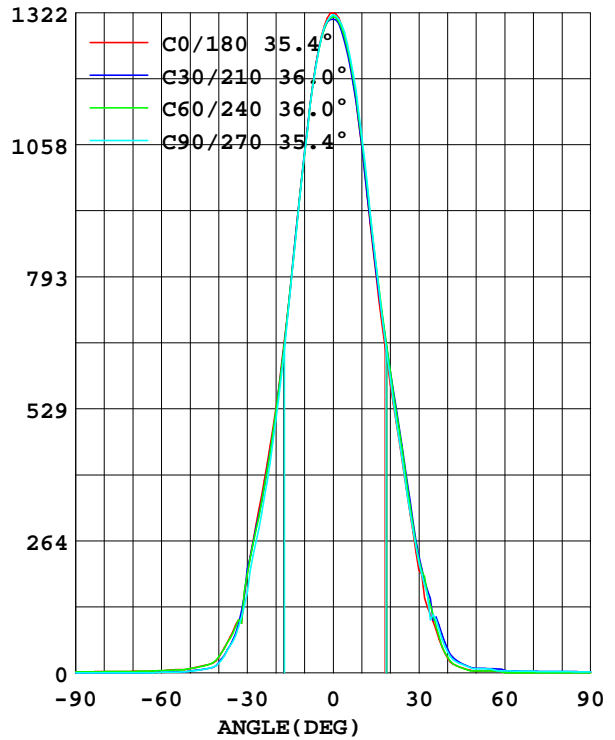
MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-BK-2RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1322	S/MH(C0/180)	0.56
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.55
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	583.1	Voltage(V)	121.0
RATED VOLTAGE(V)	122	EFFICIENCY(lm/W)	69.2	Current(A)	0.071
NOMINAL FLUX(lm)	583.1	h up(%)	1.6	Power(W)	8.430
LAMPS QUANTITY	1	h down(%)	98.4	Power Factor(PF)	0.970
TEST VOLTAGE(V)	121.0	Effective Flux(lm)	583.1	EET	0.169

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



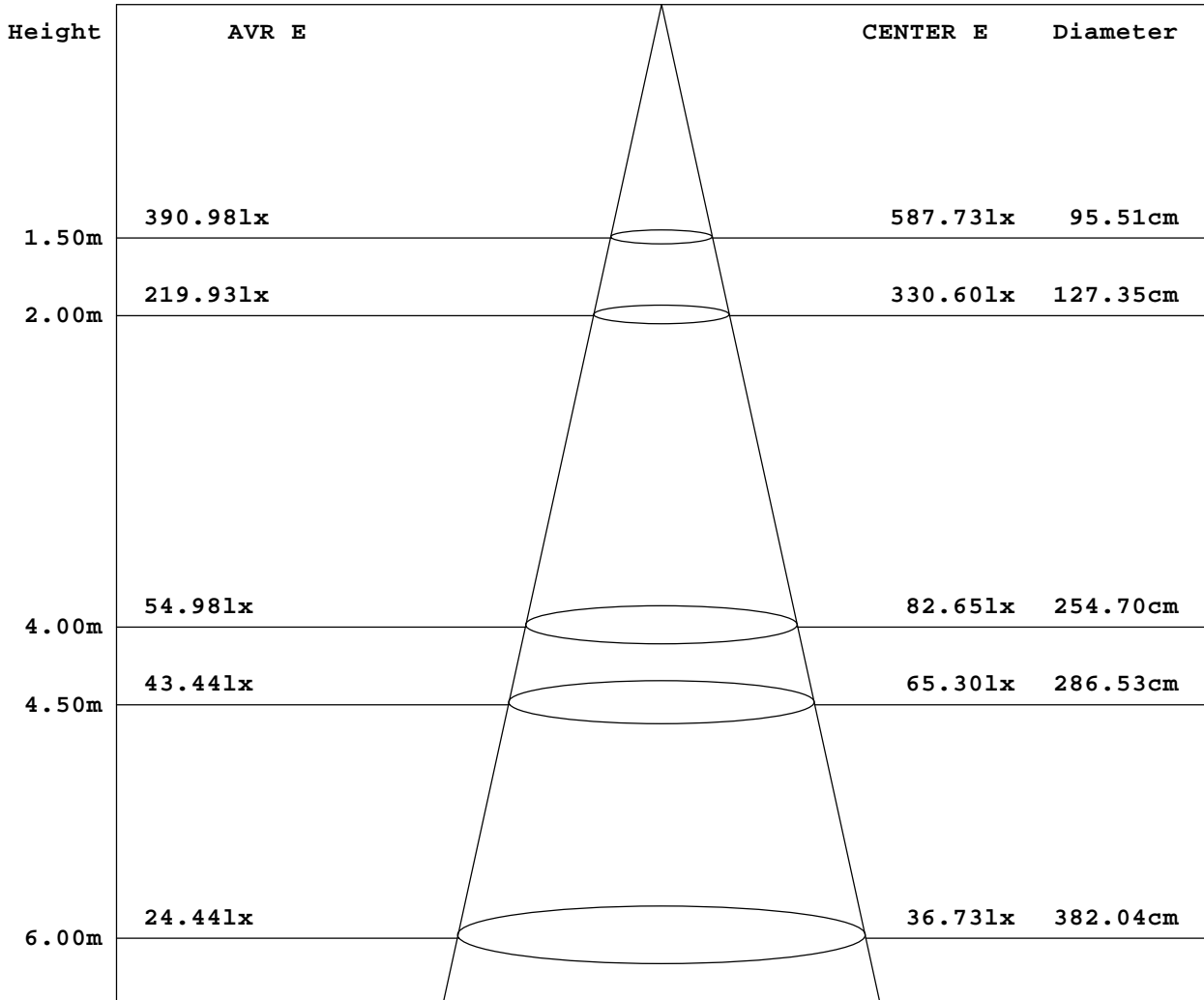
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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



Angle: 35.3deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024/01/16

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

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tTotal
5.0	1251	1247	1246	1255	1252	1245	1259	1246	0- 5	30.70	30.70
10.0	1039	1042	1039	1056	1058	1065	1079	1047	5- 10	82.21	112.9
15.0	767.2	768.1	762.6	782.8	799.3	811.8	818.7	771.5	10- 15	108.2	221.1
20.0	527.8	520.2	504.9	538.4	577.2	603.6	588.8	527.7	15- 20	108.1	329.3
25.0	355.1	342.9	319.6	353.4	393.2	418.2	396.0	343.6	20- 25	94.39	423.7
30.0	197.6	202.9	160.3	198.1	206.3	231.2	222.4	187.8	25- 30	70.77	494.5
35.0	82.84	72.97	63.42	88.69	102.4	110.1	116.8	81.00	30- 35	39.31	533.8
40.0	30.24	25.84	19.00	30.40	29.76	39.64	42.01	25.65	35- 40	19.35	553.1
45.0	14.79	11.10	7.484	12.98	10.58	14.56	17.50	11.93	40- 45	6.983	560.1
50.0	8.806	6.422	3.515	6.405	3.655	6.648	8.424	5.482	45- 50	3.613	563.7
55.0	6.474	3.968	1.879	4.664	3.898	6.509	7.832	4.960	50- 55	2.349	566.1
60.0	4.246	3.272	1.392	3.759	1.984	3.132	4.142	3.463	55- 60	1.983	568.1
65.0	3.655	2.071	0.522	2.018	0.835	2.158	3.620	2.036	60- 65	1.197	569.3
70.0	3.272	1.844	0.522	1.810	0.835	1.949	3.237	1.862	65- 70	1.009	570.3
75.0	2.958	1.705	0.487	1.653	0.835	1.792	2.958	1.705	70- 75	0.950	571.2
80.0	2.715	1.583	0.487	1.531	0.870	1.670	2.680	1.583	75- 80	0.899	572.1
85.0	2.506	1.462	0.487	1.427	0.870	1.583	2.471	1.496	80- 85	0.854	573.0
90.0	2.332	1.374	0.487	1.340	0.905	1.496	2.332	1.409	85- 90	0.811	573.8
95.0	2.193	1.305	0.487	1.270	0.905	1.409	2.193	1.357	90- 95	0.770	574.6
100.0	2.053	1.270	0.522	1.218	0.905	1.340	2.053	1.287	95-100	0.729	575.3
105.0	1.949	1.235	0.522	1.166	0.905	1.305	1.914	1.235	100-105	0.689	576.0
110.0	1.844	1.183	0.557	1.148	0.940	1.235	1.810	1.183	105-110	0.650	576.6
115.0	1.775	1.131	0.557	1.096	0.940	1.183	1.705	1.131	110-115	0.607	577.2
120.0	1.670	1.148	0.627	1.079	0.975	1.148	1.636	1.096	115-120	0.567	577.8
125.0	1.636	1.148	0.661	1.079	1.009	1.131	1.566	1.079	120-125	0.528	578.3
130.0	1.636	1.183	0.731	1.096	1.079	1.148	1.531	1.096	125-130	0.500	578.8
135.0	1.705	1.287	0.870	1.183	1.183	1.218	1.531	1.166	130-135	0.487	579.3
140.0	1.810	1.462	1.079	1.322	1.392	1.340	1.636	1.305	135-140	0.487	579.8
145.0	2.018	1.688	1.357	1.531	1.636	1.549	1.775	1.514	140-145	0.499	580.3
150.0	2.262	1.984	1.670	1.810	1.984	1.827	2.018	1.810	145-150	0.515	580.8
155.0	2.610	2.332	2.053	2.140	2.367	2.175	2.332	2.158	150-155	0.523	581.3
160.0	2.958	2.715	2.436	2.523	2.784	2.558	2.715	2.558	155-160	0.511	581.8
165.0	3.341	3.080	2.819	2.854	3.202	2.924	3.098	2.906	160-165	0.464	582.3
170.0	3.620	3.376	3.132	3.150	3.550	3.237	3.376	3.185	165-170	0.374	582.7
175.0	3.794	3.533	3.306	3.341	3.794	3.446	3.585	3.376	170-175	0.243	582.9
180.0	3.898	3.533	3.655	3.393	3.898	3.533	3.655	3.393	175-180	0.084	583.0
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

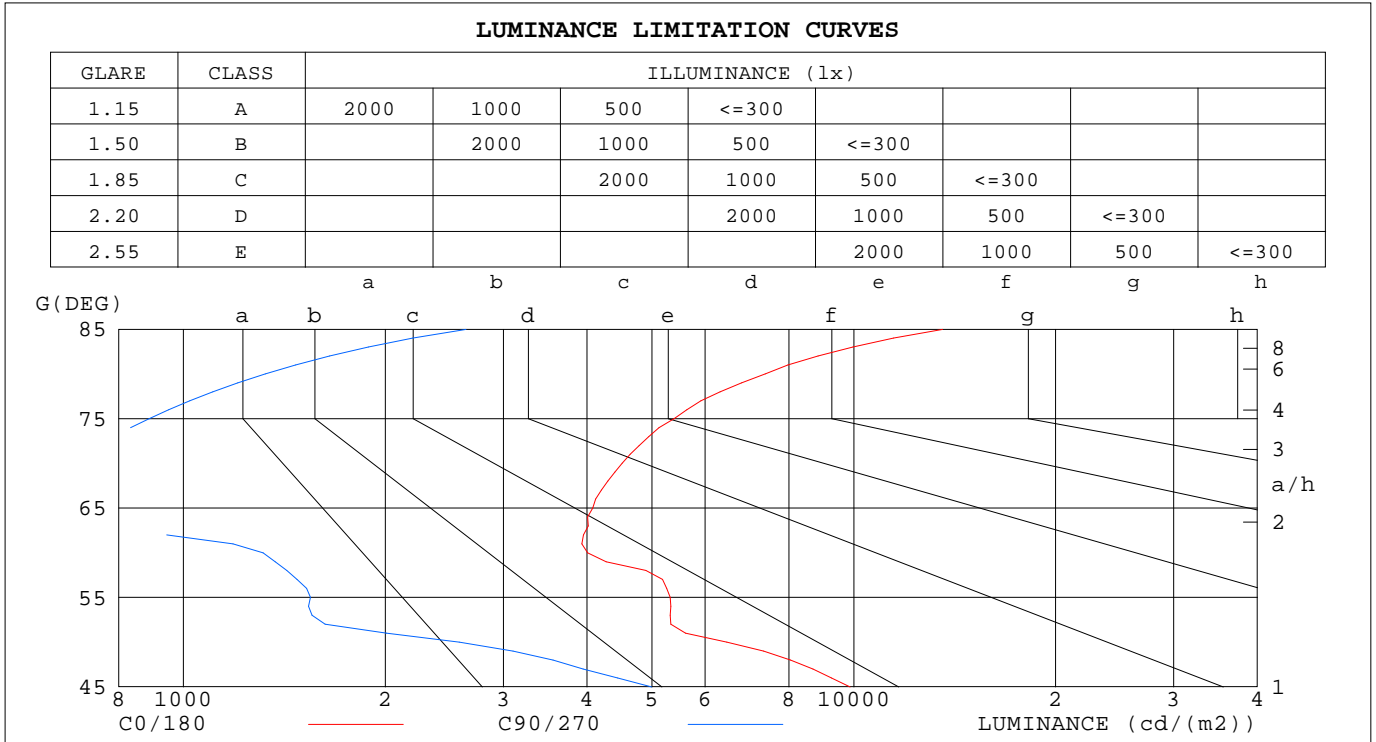
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	13565	2638
80	7376	1324
75	5393	888
70	4513	720
65	4080	583
60	4006	1314
55	5325	1546
50	6463	2580
45	9869	4993

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/16

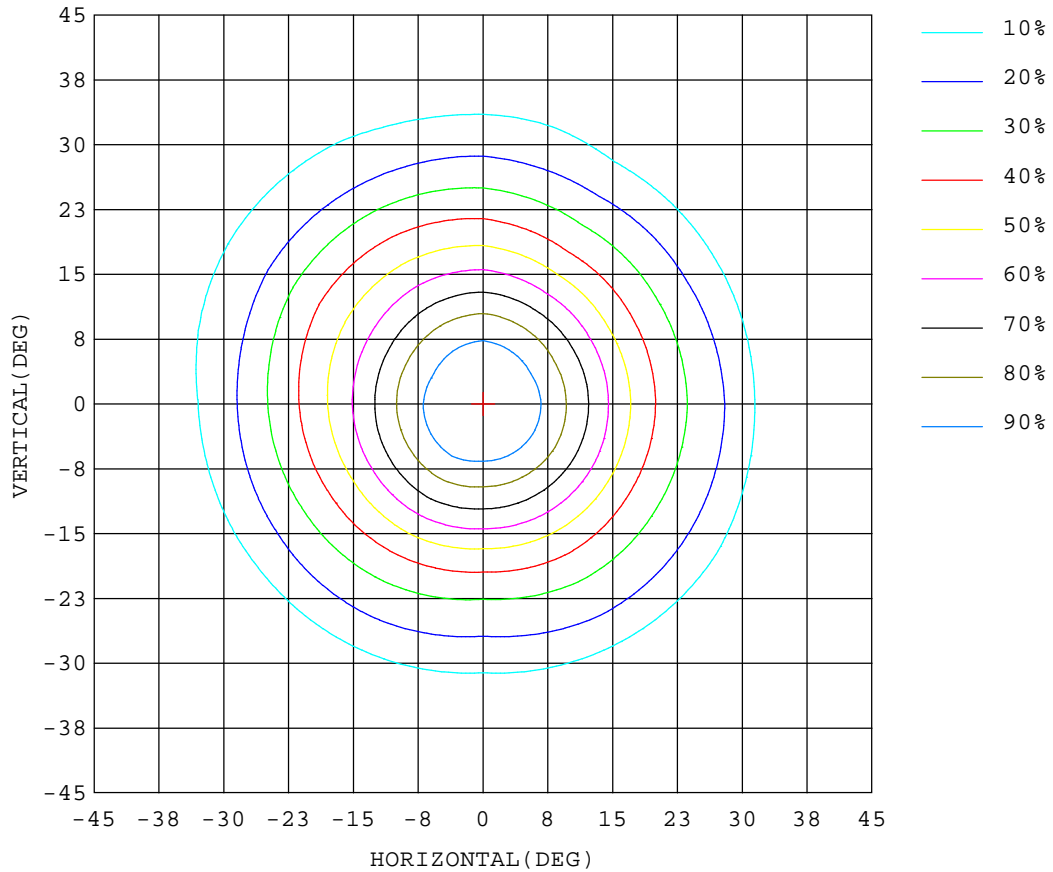
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



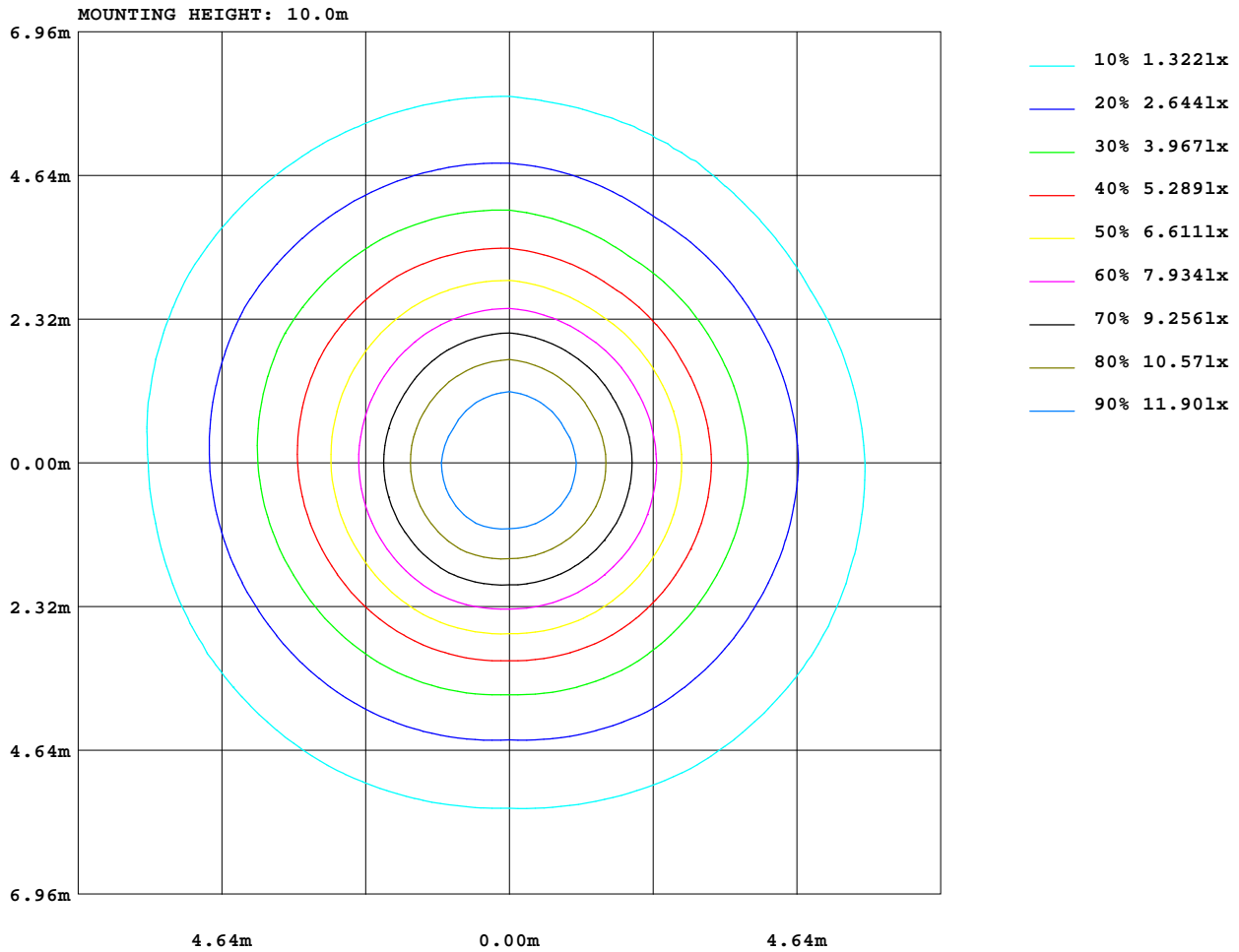
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/16

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



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/16

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-BK-2RR-SM-BK		TYPE:	
SPECIFICATION:		CCT(K): 3500	
		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	0.04	0.04	0.04	0.04	0.05	0.08	0.12	0.16	0.19	0.19	0.15	0.11	0.07	0.05	0.04	0.03	0.03	0.03	1.44	1.44
40	0.05	0.05	0.06	0.09	0.13	0.20	0.34	0.48	0.58	0.56	0.43	0.28	0.15	0.10	0.07	0.05	0.04	0.04	3.68	3.68
35	0.05	0.06	0.11	0.19	0.36	0.62	0.92	1.12	1.21	1.15	0.95	0.70	0.44	0.25	0.13	0.09	0.06	0.04	8.48	8.48
30	0.05	0.11	0.21	0.46	0.84	1.29	1.72	2.09	2.29	2.22	1.89	1.41	0.91	0.57	0.30	0.14	0.09	0.05	16.6	16.6
25	0.07	0.16	0.42	0.83	1.40	2.11	2.88	3.43	3.70	3.58	3.09	2.42	1.71	0.99	0.56	0.26	0.11	0.07	27.8	27.8
20	0.08	0.23	0.62	1.22	2.07	3.13	4.07	4.83	5.26	5.13	4.44	3.52	2.59	1.64	0.82	0.43	0.16	0.08	40.3	40.3
15	0.10	0.31	0.79	1.57	2.76	3.99	5.18	6.32	7.08	7.00	6.04	4.72	3.40	2.27	1.21	0.56	0.23	0.09	53.7	53.7
10	0.11	0.37	0.92	1.87	3.21	4.61	6.15	7.75	8.76	8.72	7.61	5.86	4.12	2.75	1.60	0.67	0.29	0.10	65.5	65.5
5	0.10	0.39	0.97	2.01	3.40	4.92	6.78	8.60	9.66	9.67	8.52	6.60	4.58	3.02	1.83	0.76	0.33	0.11	72.3	72.3
0	0.10	0.37	0.93	1.96	3.32	4.84	6.76	8.62	9.70	9.66	8.54	6.62	4.58	3.02	1.85	0.76	0.32	0.11	72.1	72.1
-5	0.09	0.31	0.80	1.73	2.96	4.33	6.00	7.69	8.65	8.58	7.58	5.88	4.11	2.75	1.67	0.66	0.27	0.09	64.2	64.2
-10	0.07	0.22	0.63	1.34	2.42	3.55	4.80	6.07	6.79	6.74	5.96	4.68	3.38	2.31	1.31	0.51	0.20	0.07	51.1	51.1
-15	0.06	0.14	0.44	0.90	1.76	2.67	3.54	4.29	4.72	4.70	4.24	3.46	2.59	1.77	0.85	0.35	0.12	0.06	36.7	36.7
-20	0.04	0.09	0.25	0.59	1.05	1.79	2.42	2.86	3.07	3.06	2.84	2.41	1.81	1.04	0.49	0.20	0.07	0.04	24.1	24.1
-25	0.03	0.06	0.13	0.34	0.63	0.93	1.37	1.72	1.86	1.87	1.73	1.39	0.90	0.54	0.27	0.10	0.05	0.03	13.9	13.9
-30	0.02	0.04	0.08	0.15	0.32	0.54	0.66	0.75	0.81	0.80	0.73	0.61	0.46	0.28	0.13	0.07	0.04	0.02	6.50	6.50
-35	0.02	0.03	0.06	0.09	0.14	0.21	0.28	0.32	0.32	0.31	0.30	0.26	0.20	0.13	0.08	0.05	0.03	0.01	2.84	2.84
-40	0.02	0.03	0.04	0.06	0.09	0.10	0.11	0.11	0.10	0.09	0.10	0.10	0.09	0.08	0.06	0.04	0.02	0.02	1.23	1.23
-45																				
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φt	1.08	3.00	7.49	15.4	26.9	39.9	54.1	67.2	74.8	74.1	65.2	51.0	36.1	23.5	13.2	5.71	2.46	1.06	583	
Φa	1.08	3.00	7.49	15.4	26.9	39.9	54.1	67.2	74.8	74.1	65.2	51.0	36.1	23.5	13.2	5.71	2.46	1.06		583

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

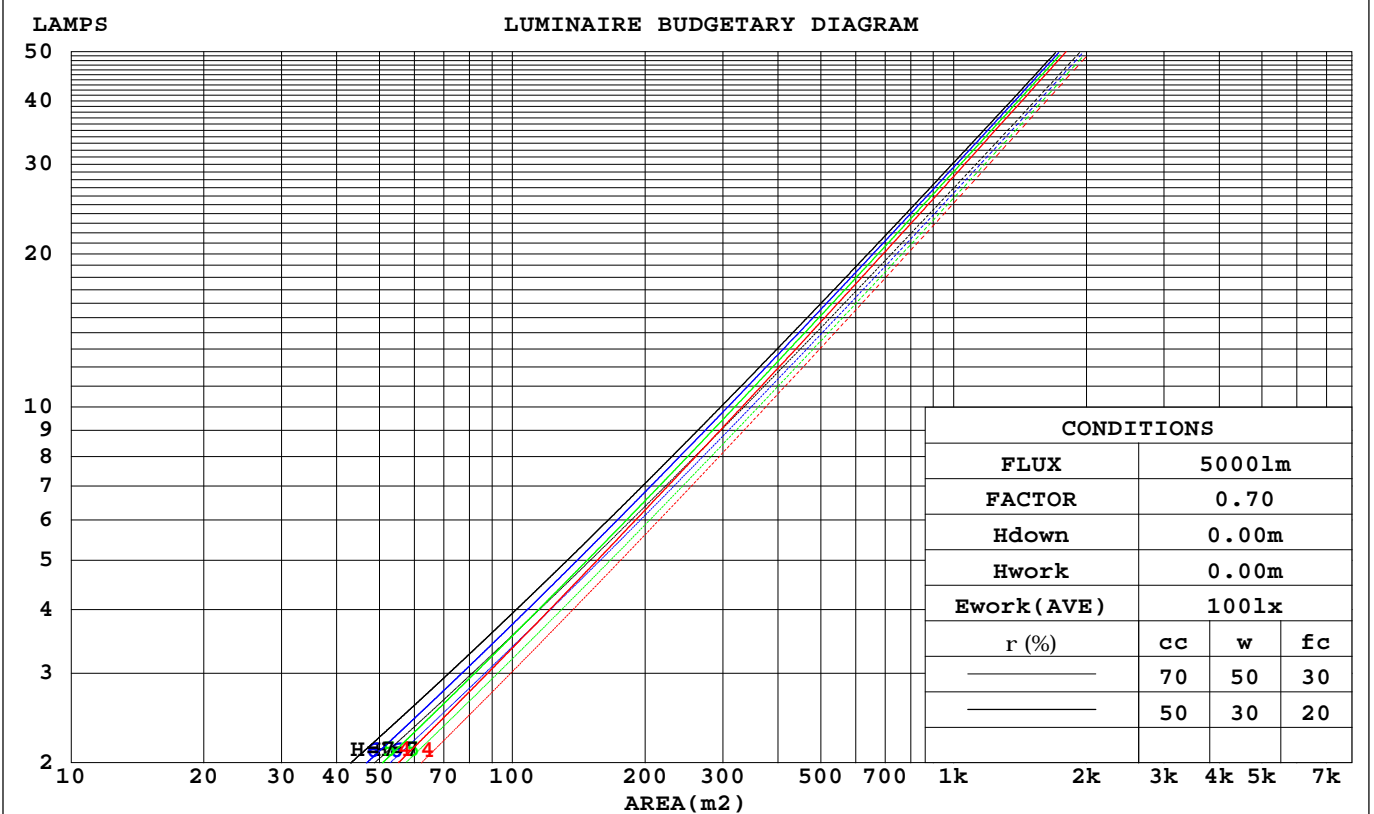
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-BK-2RR-SM-BK		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	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.04	1.01	.98	1.03	.99	.97	.99	.97	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.99	.94	.91	.97	.93	.90	.94	.91	.88	.92	.89	.87	.89	.87	.85	.84
4.0	.93	.89	.85	.92	.88	.84	.90	.86	.83	.88	.85	.82	.86	.83	.81	.80
5.0	.89	.84	.80	.88	.83	.79	.86	.82	.79	.84	.81	.78	.82	.79	.77	.76
6.0	.84	.79	.76	.84	.79	.75	.82	.78	.75	.80	.77	.74	.79	.76	.73	.72
7.0	.80	.75	.72	.80	.75	.71	.78	.74	.71	.77	.73	.70	.76	.73	.70	.69
8.0	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.73	.70	.67	.66
9.0	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.70	.67	.64	.63
10.0	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.62	.68	.64	.61	.60



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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-BK-2RR-SM-BK		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	.164	.093	.030	.157	.089	.028	.143	.082	.026	.131	.076	.024	.120	.069	.022	
2.0	.153	.084	.026	.147	.081	.025	.136	.076	.023	.126	.070	.022	.116	.066	.021	
3.0	.144	.077	.023	.139	.074	.022	.129	.070	.021	.121	.066	.020	.112	.062	.019	
4.0	.136	.071	.021	.132	.069	.020	.123	.065	.020	.116	.062	.019	.109	.059	.018	
5.0	.129	.066	.019	.125	.064	.019	.118	.061	.018	.111	.059	.017	.105	.056	.017	
6.0	.123	.061	.018	.119	.060	.017	.113	.058	.017	.107	.056	.016	.101	.053	.016	
7.0	.117	.058	.016	.114	.057	.016	.108	.055	.016	.103	.053	.015	.098	.051	.015	
8.0	.112	.055	.015	.109	.054	.015	.104	.052	.015	.099	.050	.015	.095	.049	.014	
9.0	.107	.052	.014	.105	.051	.014	.100	.049	.014	.096	.048	.014	.092	.047	.013	
10.0	.103	.049	.014	.100	.049	.014	.096	.047	.013	.093	.046	.013	.089	.045	.013	

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	.158	.156	.146	.136	.107	.100	.094	.061	.058	.055	.020	.019	.018	
2.0	.166	.145	.127	.142	.125	.110	.097	.086	.077	.056	.050	.045	.018	.016	.015	
3.0	.153	.126	.104	.131	.108	.091	.090	.075	.063	.052	.044	.037	.017	.014	.012	
4.0	.141	.111	.088	.121	.096	.076	.083	.067	.054	.048	.039	.032	.016	.013	.010	
5.0	.132	.099	.075	.113	.086	.065	.078	.060	.046	.045	.035	.027	.015	.011	.009	
6.0	.124	.089	.065	.106	.077	.056	.073	.054	.040	.043	.032	.024	.014	.010	.008	
7.0	.117	.082	.057	.101	.071	.050	.069	.050	.035	.040	.029	.021	.013	.010	.007	
8.0	.111	.075	.051	.095	.065	.044	.066	.046	.031	.038	.027	.019	.012	.009	.006	
9.0	.106	.070	.046	.091	.061	.040	.063	.043	.028	.037	.025	.017	.012	.008	.006	
10.0	.101	.065	.042	.087	.057	.036	.060	.040	.026	.035	.024	.015	.011	.008	.005	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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-BK-2RR-SM-BK						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	13.4	14.2	13.7	14.4	14.6	13.6	14.4	13.8	14.6	14.7
3H	13.5	14.3	13.8	14.5	14.7	13.5	14.3	13.8	14.5	14.7
4H	13.7	14.4	14.0	14.7	14.9	13.5	14.2	13.8	14.5	14.7
6H	14.1	14.8	14.4	15.1	15.3	13.5	14.2	13.8	14.4	14.7
8H	14.5	15.1	14.8	15.4	15.7	13.5	14.2	13.8	14.4	14.7
12H	15.0	15.6	15.3	15.9	16.2	13.5	14.2	13.9	14.4	14.7
4H 2H	13.3	14.0	13.6	14.2	14.5	13.4	14.1	13.7	14.4	14.6
3H	13.4	14.0	13.7	14.3	14.6	13.5	14.1	13.9	14.4	14.7
4H	13.6	14.1	13.9	14.5	14.8	13.7	14.2	14.1	14.6	14.9
6H	14.1	14.6	14.5	15.0	15.3	13.9	14.4	14.3	14.7	15.1
8H	14.6	15.1	15.0	15.4	15.8	14.0	14.4	14.4	14.8	15.2
12H	15.4	15.8	15.8	16.2	16.6	14.1	14.5	14.5	14.9	15.3
8H 4H	13.6	14.0	14.0	14.4	14.8	13.7	14.2	14.1	14.6	15.0
6H	14.2	14.5	14.6	15.0	15.4	14.3	14.7	14.7	15.1	15.5
8H	14.7	15.0	15.2	15.5	15.9	14.7	15.0	15.1	15.4	15.9
12H	15.6	15.9	16.1	16.4	16.9	15.1	15.3	15.6	15.8	16.3
12H 4H	13.6	14.0	14.1	14.4	14.9	13.7	14.1	14.1	14.5	14.9
6H	14.2	14.6	14.7	15.0	15.5	14.3	14.7	14.8	15.1	15.6
8H	14.8	15.1	15.3	15.6	16.1	14.9	15.2	15.4	15.6	16.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / - 1.8					+ 1.5 / - 1.6				
1.5H	+ 4.7 / - 2.1					+ 3.1 / - 1.8				
2.0H	+ 2.2 / - 0.9					+ 0.8 / - 0.9				

CIE Pub.117 Corrected 583.0 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.9)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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-BK-2RR-SM-BK		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) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	79	88	82	79	87	82	78	75
0.80	96	90	86	95	90	86	94	89	86	82
1.00	100	94	91	99	94	90	97	93	90	86
1.25	103	98	95	102	98	94	100	96	94	89
1.50	106	101	98	105	100	97	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			

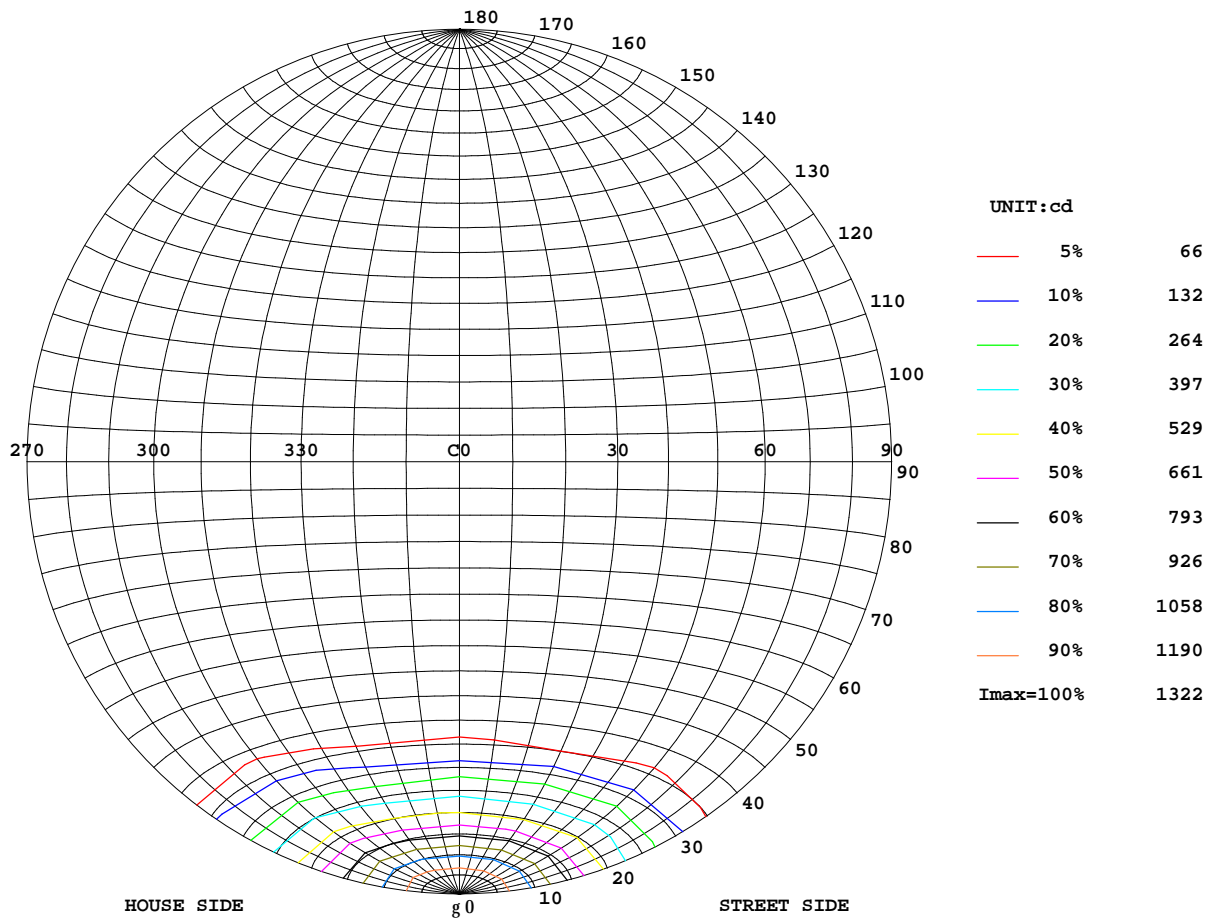
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

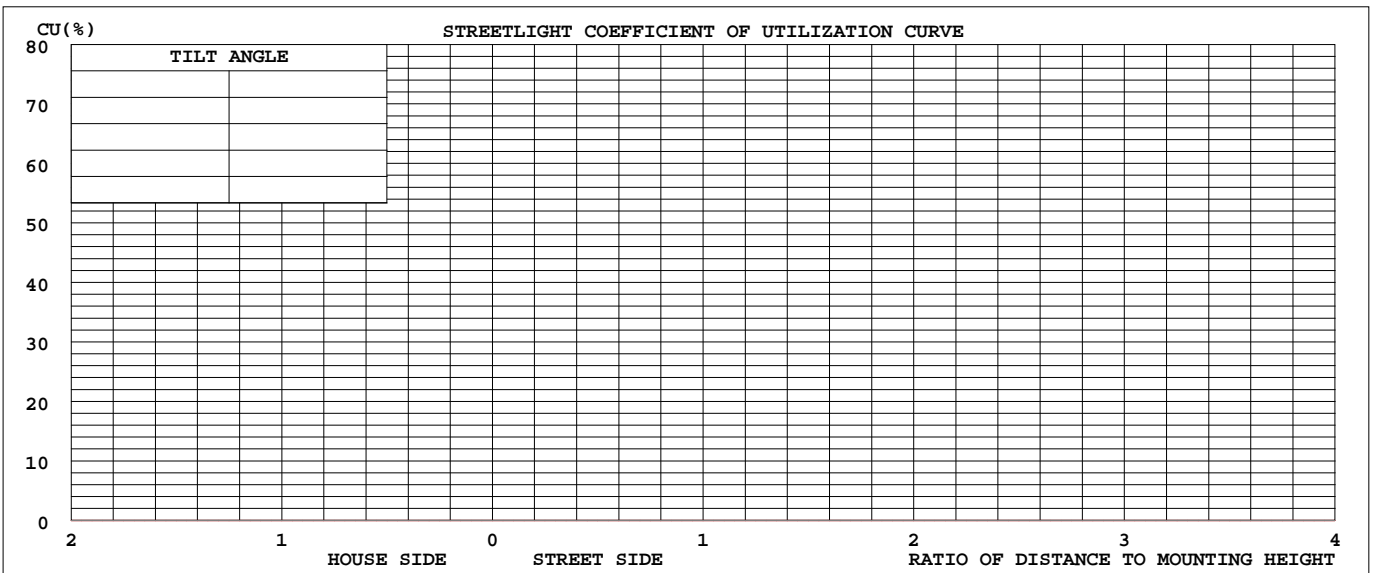
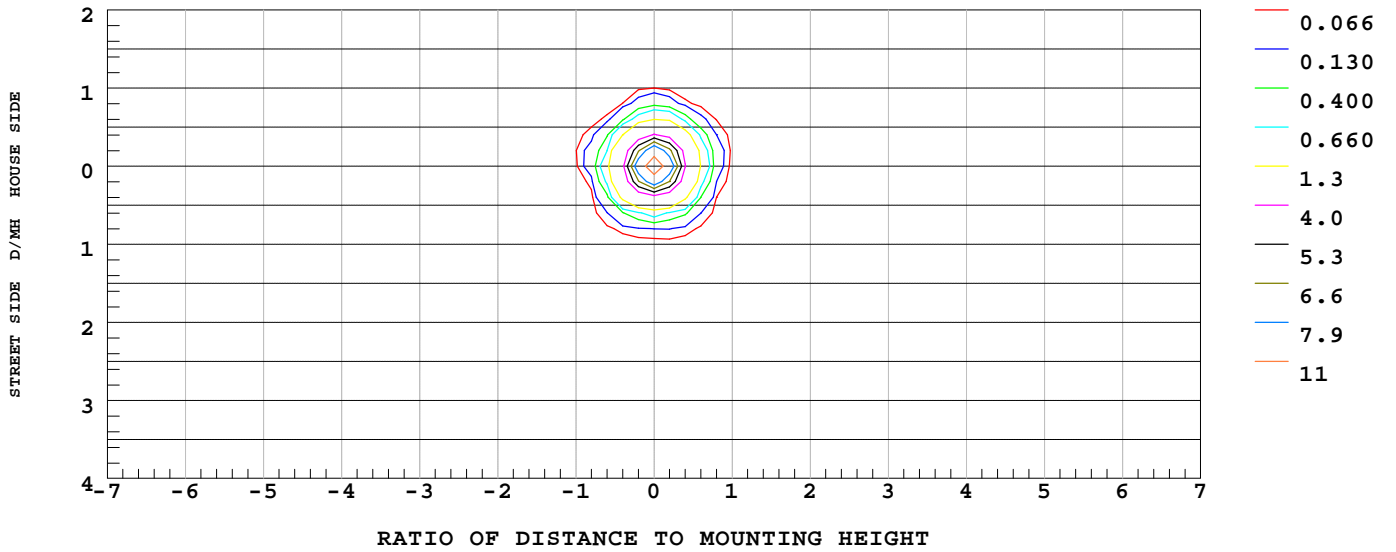
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 13.22 lx



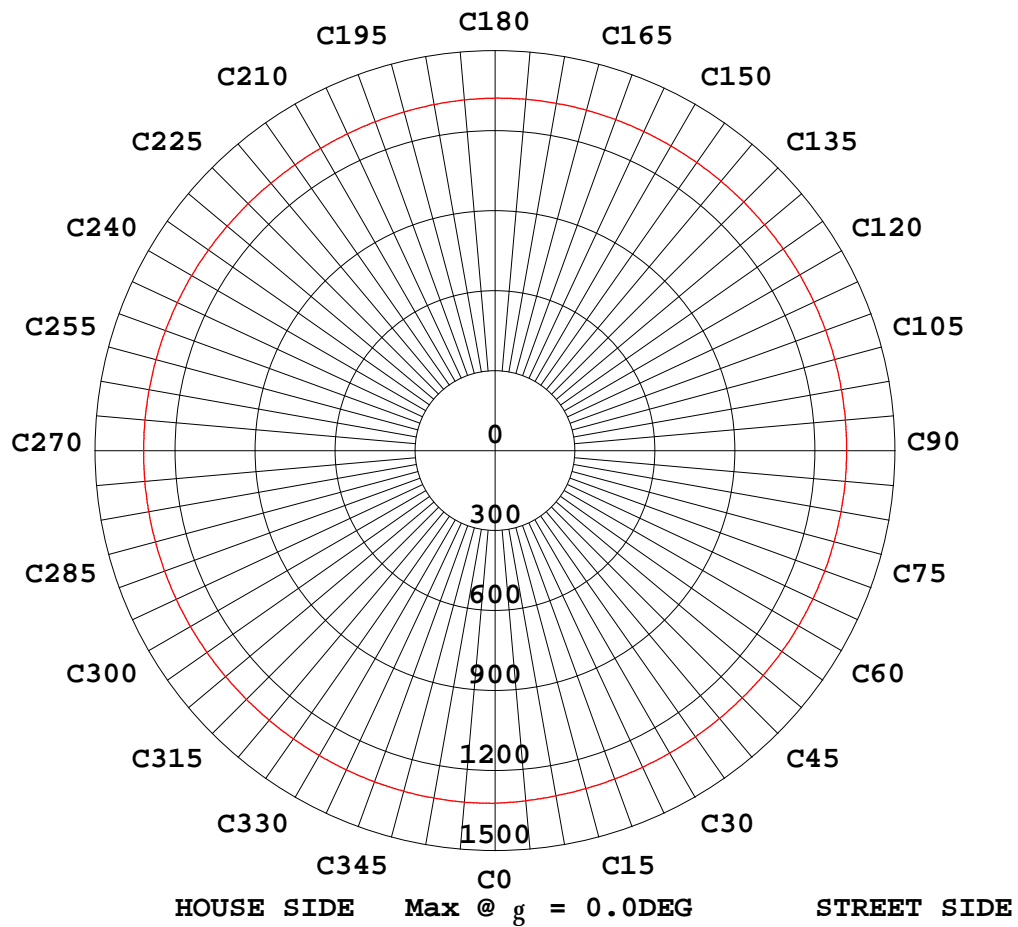
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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-BK-2RR-SM-BK		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	1322	1310	1314	1318	1319	1320	1322	1310	1314	1318	1319	1320
5.0	1251	1248	1246	1246	1256	1253	1252	1241	1250	1259	1249	1242
10.0	1039	1045	1040	1039	1056	1055	1058	1059	1071	1079	1055	1039
15.0	767	768	769	763	781	785	799	805	819	819	778	765
20.0	528	518	522	505	529	548	577	603	604	589	532	524
25.0	355	343	343	320	344	363	393	421	415	396	344	344
30.0	198	209	197	160	191	205	206	235	227	222	203	173
35.0	82.8	66.3	79.6	63.4	92.3	85.0	102	105	115	117	78.9	83.0
40.0	30.2	20.0	31.6	19.0	35.2	25.5	29.7	47.8	31.4	42.0	22.2	29.0
45.0	14.7	7.76	14.4	7.48	15.5	10.4	10.5	19.0	10.1	17.5	9.01	14.8
50.0	8.80	3.93	8.91	3.51	9.39	3.41	3.65	9.29	4.00	8.42	2.92	8.04
55.0	6.47	2.12	5.81	1.87	6.68	2.64	3.89	8.73	4.28	7.83	3.30	6.61
60.0	4.24	1.67	4.87	1.39	5.60	1.91	1.98	5.46	0.80	4.14	1.67	5.25
65.0	3.65	0.59	3.55	0.52	3.51	0.52	0.84	3.75	0.56	3.62	0.56	3.51
70.0	3.27	0.56	3.13	0.52	3.13	0.49	0.84	3.34	0.56	3.23	0.56	3.16
75.0	2.95	0.56	2.85	0.49	2.81	0.49	0.84	3.02	0.56	2.95	0.56	2.85
80.0	2.71	0.56	2.61	0.49	2.57	0.49	0.87	2.78	0.56	2.68	0.56	2.61
85.0	2.50	0.56	2.36	0.49	2.36	0.49	0.87	2.57	0.59	2.47	0.56	2.43
90.0	2.33	0.56	2.19	0.49	2.19	0.49	0.91	2.40	0.59	2.33	0.56	2.26
95.0	2.19	0.56	2.05	0.49	2.05	0.49	0.91	2.22	0.59	2.19	0.59	2.12
100.0	2.05	0.59	1.94	0.52	1.91	0.52	0.91	2.08	0.59	2.05	0.59	1.98
105.0	1.94	0.63	1.84	0.52	1.81	0.52	0.91	1.98	0.63	1.91	0.59	1.87
110.0	1.84	0.63	1.74	0.56	1.74	0.56	0.94	1.84	0.63	1.81	0.59	1.77
115.0	1.77	0.63	1.63	0.56	1.63	0.56	0.94	1.74	0.63	1.70	0.59	1.67
120.0	1.67	0.70	1.60	0.63	1.56	0.59	0.97	1.67	0.63	1.63	0.59	1.60
125.0	1.63	0.73	1.56	0.66	1.53	0.63	1.00	1.60	0.66	1.56	0.63	1.53
130.0	1.63	0.84	1.53	0.73	1.49	0.70	1.07	1.56	0.73	1.53	0.70	1.49
135.0	1.70	0.97	1.60	0.87	1.53	0.84	1.18	1.60	0.84	1.53	0.80	1.53
140.0	1.81	1.18	1.74	1.07	1.63	1.00	1.39	1.67	1.00	1.63	0.97	1.63
145.0	2.01	1.46	1.91	1.35	1.81	1.25	1.63	1.84	1.25	1.77	1.21	1.81
150.0	2.26	1.77	2.19	1.67	2.05	1.56	1.98	2.08	1.56	2.01	1.56	2.05
155.0	2.61	2.15	2.50	2.05	2.36	1.91	2.36	2.40	1.94	2.33	1.94	2.36
160.0	2.95	2.57	2.85	2.43	2.71	2.33	2.78	2.74	2.36	2.71	2.36	2.74
165.0	3.34	2.95	3.20	2.81	3.02	2.68	3.20	3.09	2.74	3.09	2.74	3.06
170.0	3.62	3.27	3.48	3.13	3.30	2.99	3.55	3.41	3.06	3.37	3.02	3.34
175.0	3.79	3.44	3.62	3.30	3.48	3.20	3.79	3.62	3.27	3.58	3.23	3.51
180.0	3.89	3.68	3.37	3.65	3.27	3.51	3.89	3.68	3.37	3.65	3.27	3.51

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
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