

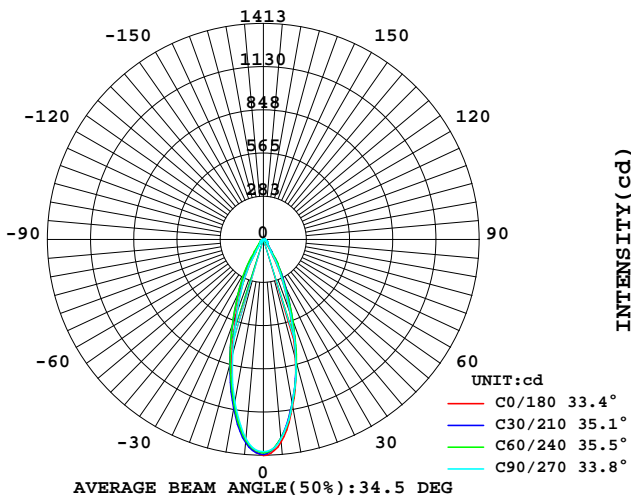
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

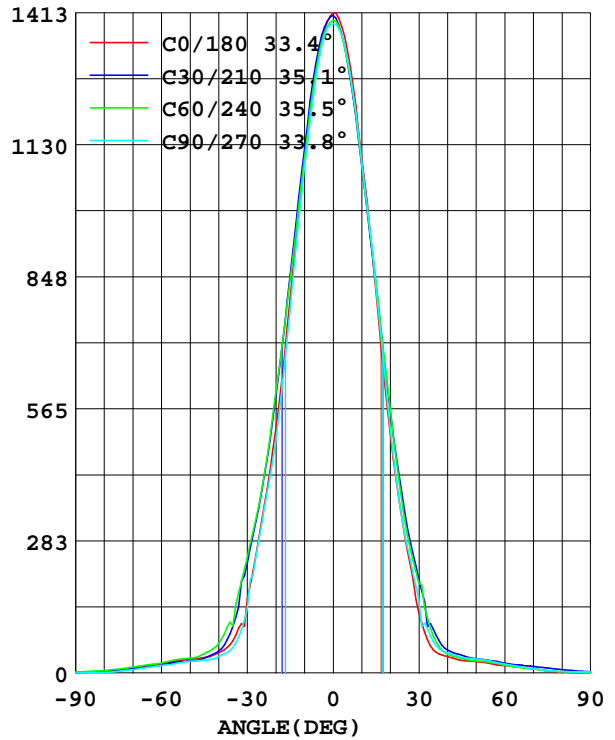
MANUFACTURER:			
Address:			
NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	1413	S/MH(C0/180)	0.55
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.54
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	625.1	Voltage(V)	120.8
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	70.6	Current(A)	0.075
NOMINAL FLUX(lm)	625.1	h up(%)	1.5	Power(W)	8.860
LAMPS QUANTITY	1	h down(%)	98.5	Power Factor(PF)	0.967
TEST VOLTAGE(V)	120.8	Effective Flux(lm)	625.1	EET	0.168

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



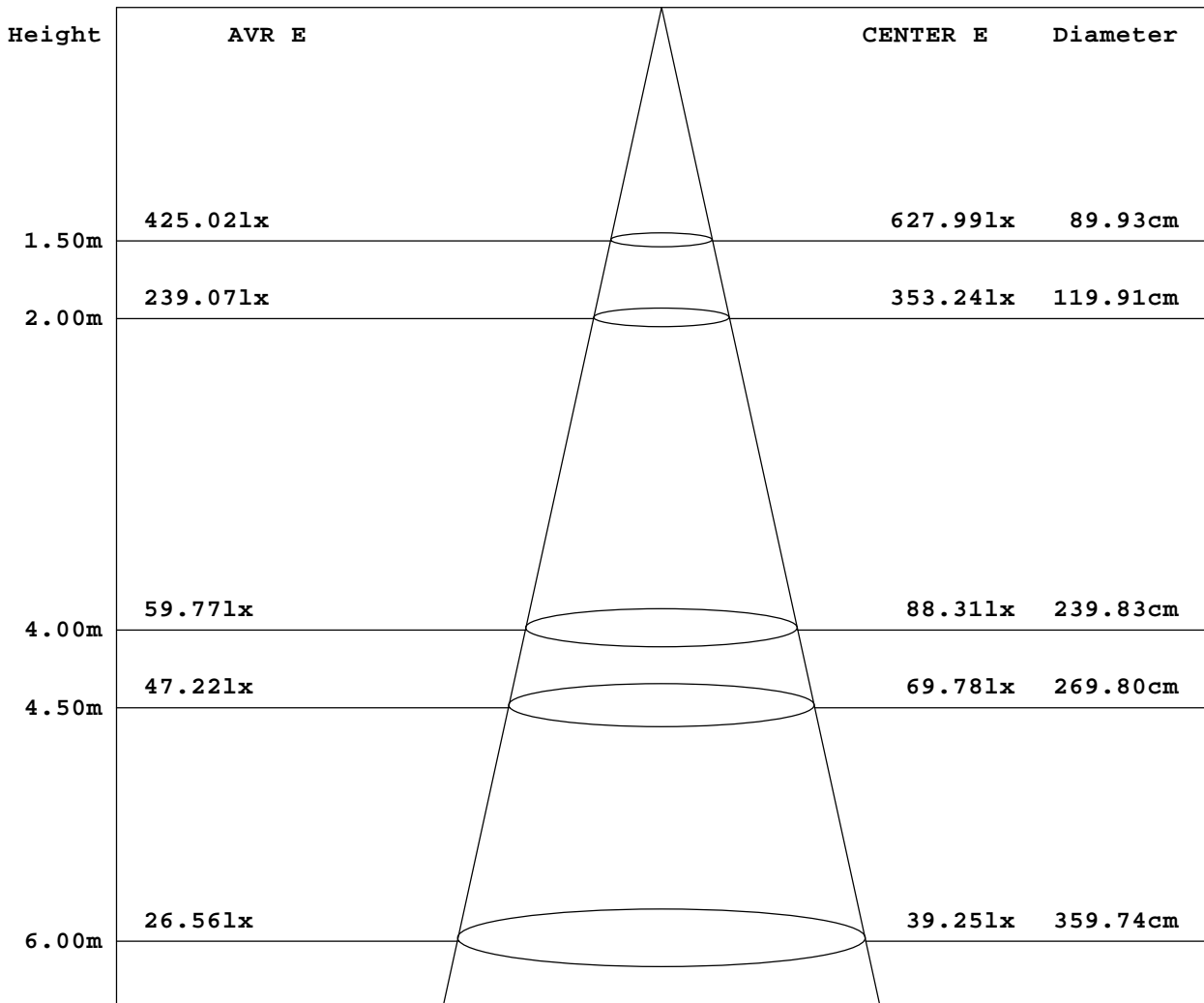
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/18

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): 5000	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:

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

g	C0	C45	C90	C135	C180	C225	C270	C315	g	z̄one	t̄tal
5.0	1323	1329	1309	1306	1331	1307	1313	1331	0- 5	32.52	32.52
10.0	1098	1113	1084	1063	1106	1092	1096	1112	5- 10	86.08	118.6
15.0	801.3	847.6	777.9	759.4	816.6	834.4	824.1	824.1	10- 15	112.4	231.0
20.0	521.6	595.2	496.5	484.4	511.3	562.1	521.9	541.8	15- 20	109.2	340.2
25.0	326.4	390.0	317.4	286.9	296.8	338.9	299.6	319.6	20- 25	88.12	428.4
30.0	157.7	241.5	137.2	147.6	128.5	196.3	157.4	171.4	25- 30	62.45	490.8
35.0	69.06	100.0	54.58	69.20	49.49	86.93	67.35	83.16	30- 35	34.75	525.6
40.0	43.51	54.72	35.01	41.52	35.29	44.50	42.78	44.74	35- 40	19.12	544.7
45.0	32.89	36.53	27.32	32.32	27.15	34.67	33.55	34.16	40- 45	13.99	558.7
50.0	29.34	28.57	24.85	27.32	24.47	28.26	30.07	27.95	45- 50	12.08	570.8
55.0	25.37	25.51	20.01	23.49	20.18	24.62	25.48	24.76	50- 55	11.31	582.1
60.0	19.70	19.04	16.04	17.77	15.90	19.02	18.93	19.87	55- 60	9.796	591.9
65.0	14.62	14.98	11.66	14.18	12.63	14.63	13.68	15.00	60- 65	7.884	599.8
70.0	9.781	10.87	7.205	10.35	8.528	11.10	8.911	11.15	65- 70	6.141	605.9
75.0	5.534	7.170	3.550	6.822	4.734	7.832	4.838	7.762	70- 75	4.304	610.2
80.0	3.098	4.351	1.287	4.212	1.810	5.047	3.098	5.134	75- 80	2.714	612.9
85.0	2.645	2.523	0.661	2.332	0.975	2.958	2.575	3.132	80- 85	1.680	614.6
90.0	2.436	1.514	0.522	1.444	0.870	1.618	2.401	1.636	85- 90	1.043	615.7
95.0	2.262	1.427	0.522	1.340	0.905	1.496	2.227	1.427	90- 95	0.815	616.5
100.0	2.123	1.340	0.522	1.270	0.940	1.409	2.088	1.357	95-100	0.763	617.2
105.0	1.984	1.287	0.557	1.218	0.940	1.357	1.949	1.287	100-105	0.717	618.0
110.0	1.879	1.235	0.592	1.166	0.940	1.287	1.844	1.235	105-110	0.673	618.6
115.0	1.810	1.200	0.627	1.148	0.975	1.253	1.740	1.200	110-115	0.630	619.3
120.0	1.740	1.200	0.661	1.131	1.009	1.200	1.670	1.148	115-120	0.591	619.8
125.0	1.670	1.183	0.696	1.113	1.044	1.200	1.566	1.131	120-125	0.550	620.4
130.0	1.636	1.200	0.731	1.131	1.079	1.200	1.531	1.131	125-130	0.518	620.9
135.0	1.670	1.270	0.835	1.200	1.218	1.287	1.566	1.166	130-135	0.494	621.4
140.0	1.740	1.409	1.009	1.322	1.392	1.409	1.636	1.270	135-140	0.486	621.9
145.0	1.914	1.618	1.287	1.531	1.636	1.601	1.810	1.462	140-145	0.493	622.4
150.0	2.193	1.897	1.601	1.810	1.984	1.879	2.053	1.740	145-150	0.507	622.9
155.0	2.506	2.227	1.984	2.158	2.367	2.227	2.367	2.088	150-155	0.515	623.4
160.0	2.889	2.593	2.367	2.541	2.784	2.593	2.715	2.471	155-160	0.504	623.9
165.0	3.237	2.958	2.749	2.924	3.237	2.958	3.098	2.871	160-165	0.459	624.4
170.0	3.550	3.254	3.063	3.219	3.585	3.254	3.411	3.167	165-170	0.371	624.7
175.0	3.724	3.446	3.341	3.376	3.829	3.446	3.585	3.376	170-175	0.242	625.0
180.0	3.968	3.515	3.655	3.446	3.968	3.515	3.655	3.446	175-180	0.084	625.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

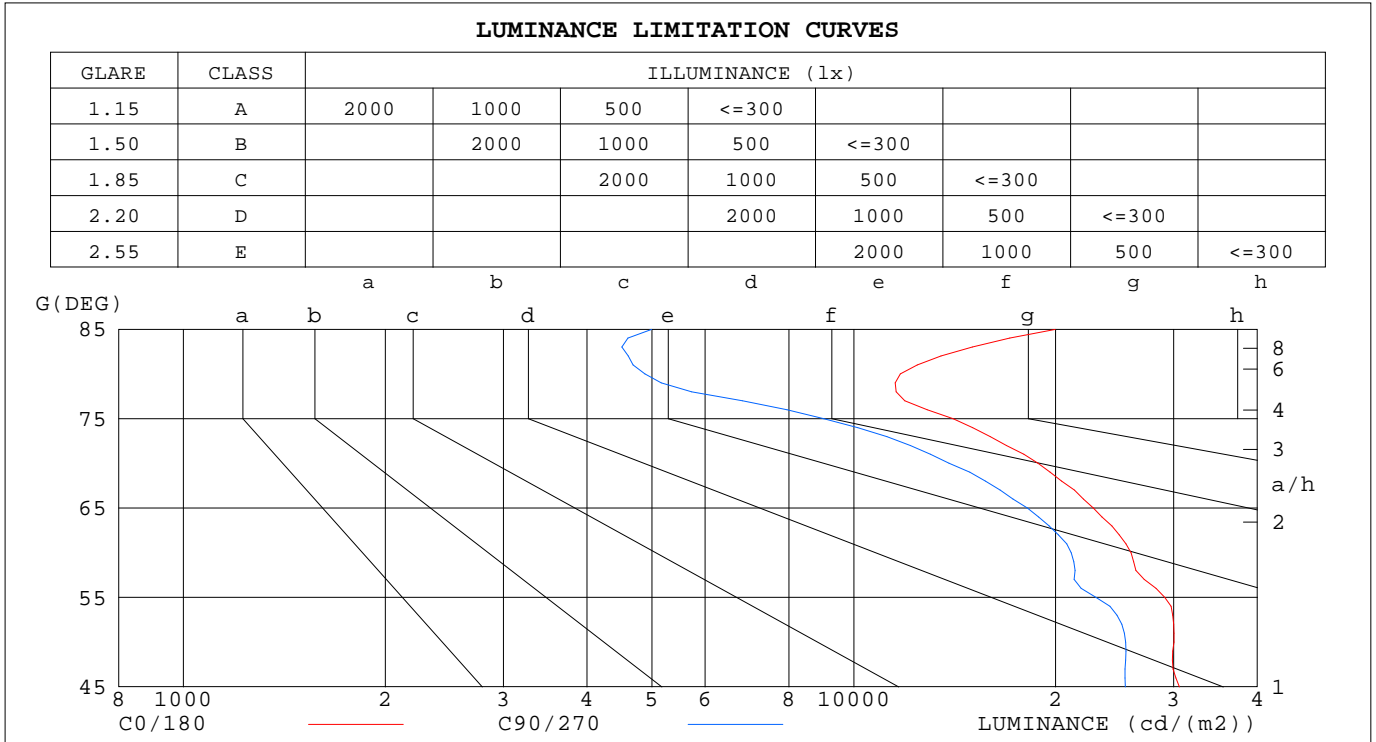
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/18

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

## LUMINANCE LIMITATION CURVES

Report number:

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



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	19970	4992
80	11738	4880
75	14069	9025
70	18815	13861
65	22759	18153
60	25924	21115
55	29107	22958
50	30035	25438
45	30606	25424

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

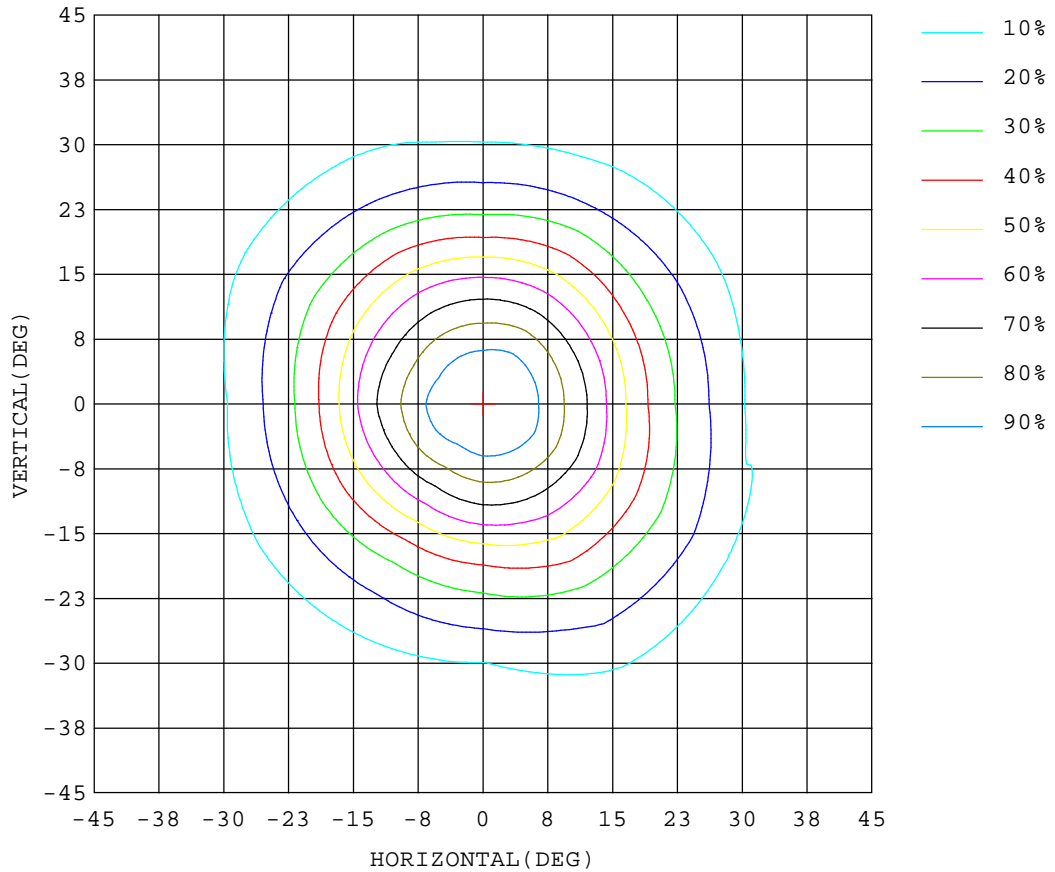
**Test Set:** 5.0deg/s C-Gamma (TYPE C)  
**Humidity:**65.0%  
**Test Distance:**5.900 m  
**Remarks:**

# ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



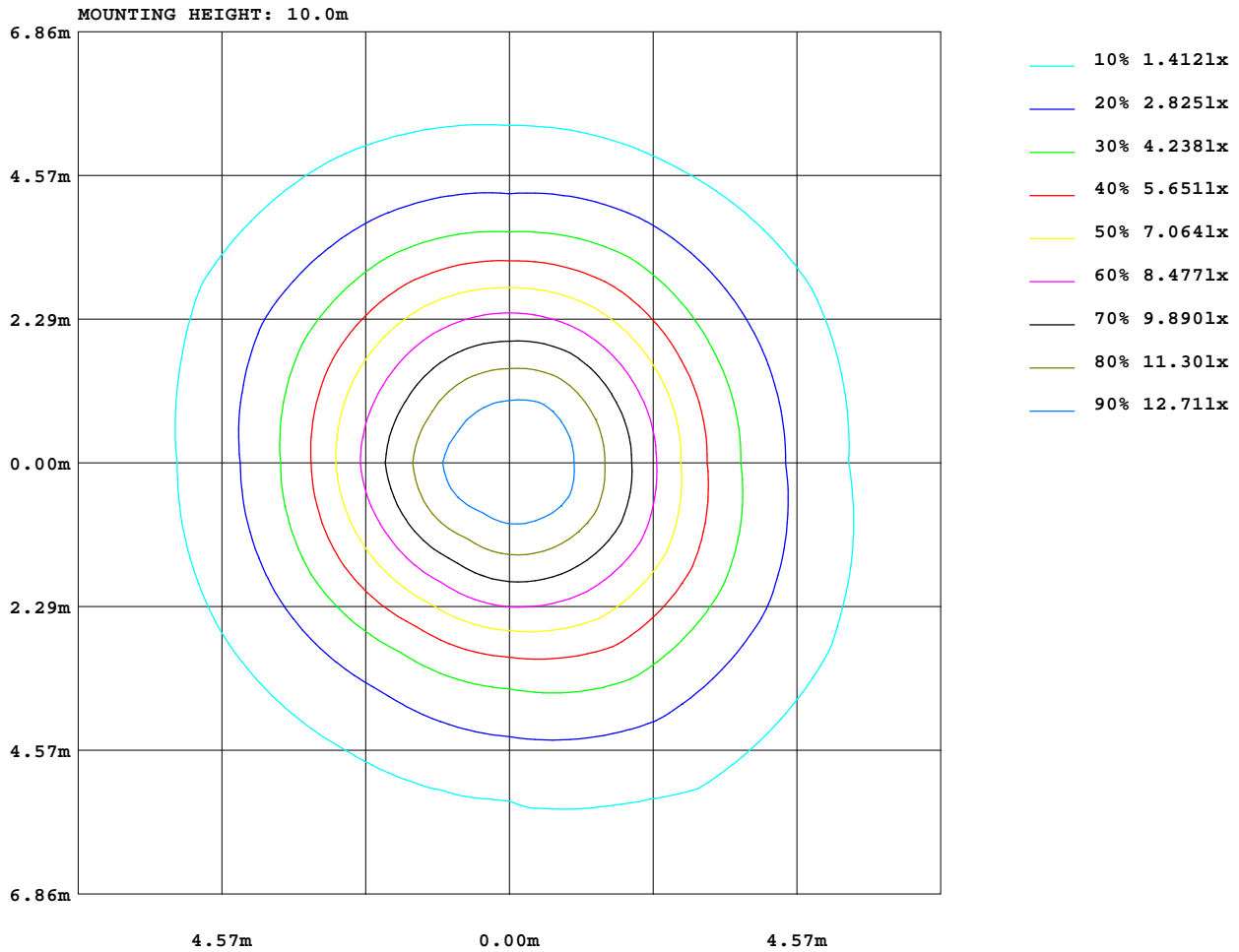
**Test System:**HOPOO HPG1800  
**Temperature:**25.3DEG  
**Operators:**  
**Test Date:**2024/01/18

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

# ISOLUX DIAGRAM

Report number:

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



**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:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME: JXL-COB02-S09W-5CCT-2SR-SM-WH</b>		<b>TYPE:</b>	
<b>SPECIFICATION:</b>		<b>SERIAL No.:</b>	
CCT(K): 5000		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	Φ t
45	0.13	0.16	0.17	0.19	0.20	0.23	0.25	0.27	0.29	0.29	0.27	0.25	0.23	0.20	0.19	0.17	0.16	0.14	3.78	3.78
40	0.15	0.17	0.20	0.22	0.25	0.28	0.33	0.37	0.39	0.39	0.37	0.33	0.29	0.25	0.22	0.19	0.17	0.15	4.74	4.74
35	0.16	0.19	0.23	0.28	0.34	0.47	0.64	0.76	0.78	0.75	0.71	0.61	0.46	0.35	0.27	0.23	0.19	0.16	7.59	7.59
30	0.17	0.22	0.28	0.38	0.61	1.02	1.40	1.63	1.74	1.71	1.52	1.21	0.87	0.58	0.38	0.28	0.22	0.17	14.4	14.4
25	0.18	0.25	0.36	0.61	1.13	1.74	2.32	2.81	3.04	3.03	2.77	2.21	1.58	0.98	0.58	0.35	0.25	0.19	24.4	24.4
20	0.19	0.26	0.46	0.94	1.73	2.60	3.64	4.58	5.07	5.05	4.53	3.57	2.47	1.60	0.84	0.46	0.27	0.20	38.4	38.4
15	0.19	0.28	0.52	1.24	2.28	3.58	5.09	6.45	7.22	7.24	6.43	4.96	3.40	2.15	1.17	0.55	0.30	0.21	53.3	53.3
10	0.19	0.28	0.58	1.42	2.65	4.34	6.31	7.97	9.03	9.14	8.08	6.22	4.20	2.62	1.44	0.61	0.32	0.21	65.6	65.6
5	0.18	0.26	0.56	1.47	2.80	4.73	7.04	8.98	10.1	10.2	9.05	6.98	4.68	2.89	1.59	0.64	0.33	0.21	72.9	72.9
0	0.17	0.25	0.54	1.41	2.72	4.63	6.94	8.98	10.1	10.2	9.11	7.06	4.78	2.98	1.65	0.68	0.33	0.21	72.9	72.9
-5	0.17	0.25	0.51	1.26	2.41	4.04	5.94	7.70	8.83	9.04	8.12	6.45	4.51	2.87	1.62	0.71	0.33	0.21	65.0	65.0
-10	0.17	0.24	0.43	1.01	1.92	3.14	4.52	5.83	6.85	7.08	6.48	5.26	3.83	2.55	1.46	0.64	0.30	0.19	51.9	51.9
-15	0.16	0.22	0.35	0.72	1.39	2.19	3.07	3.94	4.63	4.88	4.70	3.95	2.94	2.03	1.16	0.49	0.26	0.18	37.3	37.3
-20	0.15	0.20	0.28	0.47	0.84	1.40	1.99	2.56	2.96	3.16	3.10	2.75	2.13	1.43	0.73	0.36	0.23	0.16	24.9	24.9
-25	0.14	0.18	0.24	0.33	0.51	0.76	1.07	1.44	1.71	1.85	1.87	1.73	1.35	0.81	0.47	0.28	0.19	0.15	15.1	15.1
-30	0.13	0.17	0.21	0.26	0.33	0.44	0.55	0.62	0.67	0.77	0.87	0.85	0.71	0.50	0.33	0.23	0.17	0.14	7.95	7.95
-35	0.12	0.15	0.18	0.22	0.26	0.30	0.33	0.34	0.34	0.37	0.44	0.45	0.41	0.33	0.25	0.19	0.16	0.13	4.99	4.99
-40	0.11	0.14	0.17	0.20	0.22	0.24	0.24	0.24	0.24	0.25	0.27	0.28	0.28	0.25	0.21	0.18	0.15	0.12	3.80	3.80
-45	0.11	0.14	0.17	0.20	0.22	0.24	0.24	0.24	0.24	0.25	0.27	0.28	0.28	0.25	0.21	0.18	0.15	0.12	3.80	3.80
	-45	-40	-35	-30	-25	-20	-15	-10	0	10	15	20	25	30	35	40	45			
Φ t	2.88	3.87	6.26	12.6	22.6	36.1	51.7	65.5	74.2	75.6	68.7	55.1	39.1	25.4	14.5	7.26	4.32	3.12	625	
Φ a	2.88	3.87	6.26	12.6	22.6	36.1	51.7	65.5	74.2	75.6	68.7	55.1	39.1	25.4	14.5	7.26	4.32	3.12		625

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

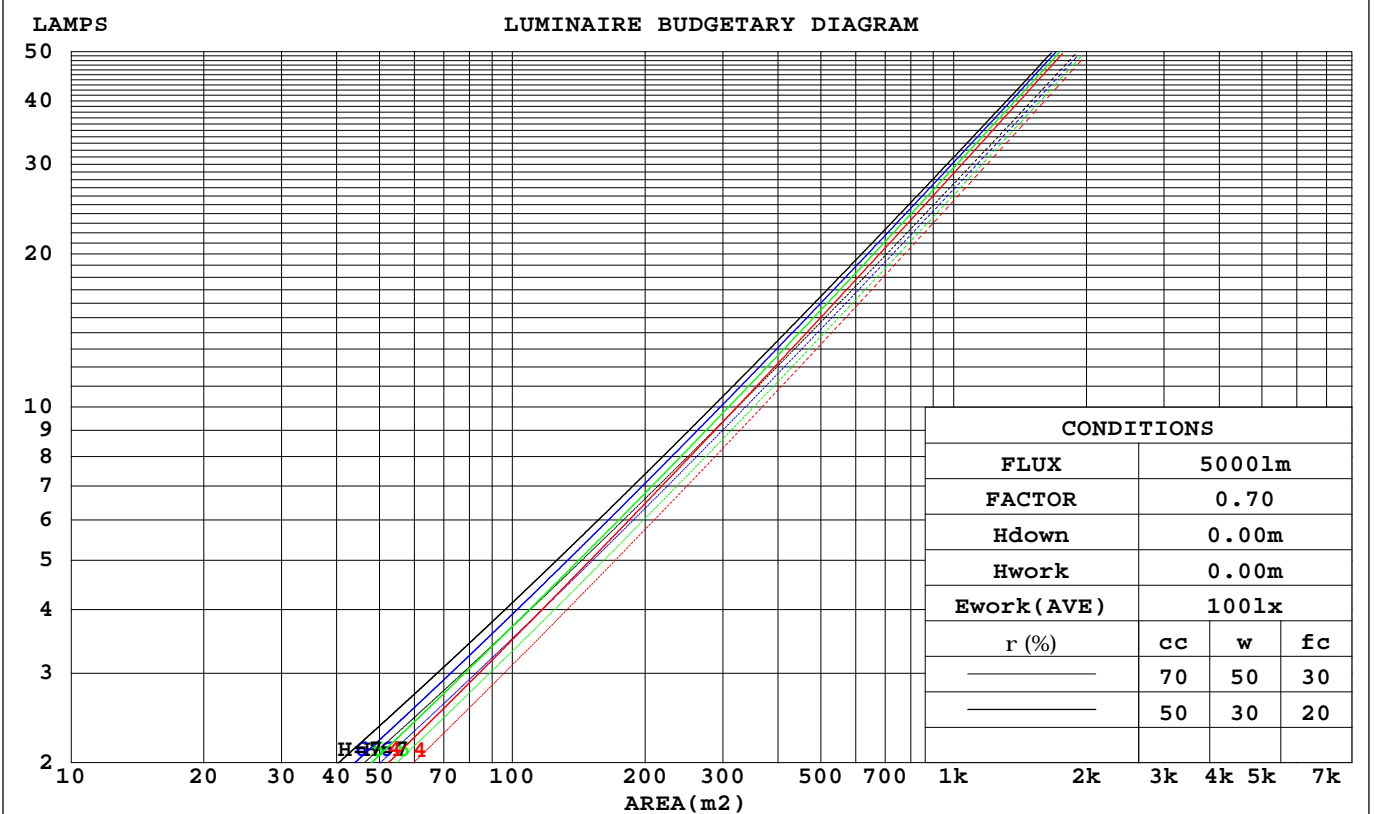
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

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

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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Coefficients of Utilization(CU)</b>									
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	.98	.95	.92	.94	.92	.90	.91	.89	.88	.86
3.0	.96	.92	.88	.95	.90	.87	.92	.88	.85	.89	.86	.84	.87	.85	.82	.81
4.0	.91	.85	.81	.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	.73	.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	.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	.59	.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:

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

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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Wall Exitance Coefficients(WEC)</b>									
0.0																
1.0	.181	.103	.033	.174	.099	.031	.160	.092	.029	.148	.085	.027	.136	.079	.025	
2.0	.169	.093	.028	.163	.090	.028	.152	.085	.026	.142	.079	.025	.132	.075	.024	
3.0	.159	.084	.025	.153	.082	.025	.144	.078	.024	.135	.074	.023	.126	.070	.022	
4.0	.149	.077	.023	.144	.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	.122	.063	.018	.116	.060	.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	.106	.054	.016	.102	.052	.015	
9.0	.113	.055	.015	.111	.054	.015	.106	.053	.015	.102	.051	.015	.098	.050	.014	
10.0	.108	.052	.014	.106	.051	.014	.102	.050	.014	.098	.049	.014	.094	.047	.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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients(CCEC)</b>									
0.0	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.183	.169	.156	.157	.145	.134	.107	.100	.093	.062	.058	.054	.020	.019	.017	
2.0	.168	.144	.124	.144	.124	.108	.098	.086	.075	.057	.050	.044	.018	.016	.014	
3.0	.155	.125	.102	.133	.108	.088	.091	.075	.062	.053	.044	.036	.017	.014	.012	
4.0	.144	.111	.085	.123	.095	.074	.085	.067	.052	.049	.039	.031	.016	.013	.010	
5.0	.135	.099	.072	.116	.085	.063	.080	.060	.044	.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	.113	.075	.049	.098	.065	.043	.068	.046	.030	.039	.027	.018	.013	.009	.006	
9.0	.108	.070	.044	.093	.061	.039	.064	.043	.027	.038	.025	.016	.012	.008	.005	
10.0	.103	.065	.040	.089	.057	.035	.062	.040	.025	.036	.024	.015	.012	.008	.005	

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

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): 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	19.7	20.6	20.0	20.8	21.0	20.1	21.0	20.4	21.2	21.4
3H	20.5	21.4	20.8	21.6	21.8	20.8	21.6	21.1	21.9	22.1
4H	20.8	21.6	21.1	21.8	22.0	21.0	21.8	21.3	22.0	22.3
6H	20.9	21.6	21.2	21.9	22.2	21.0	21.7	21.3	22.0	22.3
8H	21.0	21.7	21.3	21.9	22.2	21.0	21.7	21.3	22.0	22.3
12H	21.1	21.7	21.4	22.0	22.3	21.0	21.6	21.3	21.9	22.2
4H 2H	20.1	20.9	20.4	21.2	21.4	20.5	21.3	20.8	21.5	21.8
3H	21.1	21.8	21.4	22.1	22.4	21.5	22.2	21.9	22.5	22.8
4H	21.4	22.0	21.8	22.3	22.7	21.8	22.4	22.2	22.8	23.1
6H	21.6	22.1	22.0	22.5	22.9	22.0	22.5	22.4	22.9	23.2
8H	21.7	22.2	22.1	22.6	23.0	22.0	22.5	22.4	22.9	23.3
12H	21.8	22.3	22.3	22.7	23.1	22.0	22.4	22.4	22.8	23.3
8H 4H	21.6	22.1	22.0	22.5	22.9	22.0	22.5	22.4	22.9	23.3
6H	21.9	22.3	22.3	22.7	23.1	22.3	22.7	22.8	23.2	23.6
8H	22.0	22.4	22.5	22.8	23.3	22.4	22.8	22.9	23.3	23.7
12H	22.2	22.5	22.7	23.0	23.5	22.5	22.9	23.0	23.3	23.8
12H 4H	21.6	22.1	22.0	22.5	22.9	22.0	22.4	22.4	22.8	23.2
6H	21.9	22.3	22.4	22.7	23.2	22.3	22.7	22.8	23.2	23.6
8H	22.1	22.4	22.6	22.9	23.4	22.5	22.9	23.0	23.3	23.8
Variations with the observer position at spacings:										
s = 1.0H	+ 0.4 / - 0.5					+ 0.5 / - 0.6				
1.5H	+ 0.4 / - 0.3					+ 0.7 / - 0.8				
2.0H	+ 0.5 / - 0.6					+ 0.5 / - 0.9				

CIE Pub.117 Corrected 625.1 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.6)

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:

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

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
<b>ROOM INDEX</b>	<b>UTILIZATION FACTORS (PERCENT) <math>k(RI) \times RCR = 5</math></b>									
k = 0.60	84	77	73	83	76	72	82	76	72	68
0.80	91	85	81	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	101	107	103	100	103	100	98	91
3.00	110	106	103	108	105	102	104	102	100	93
4.00	112	109	107	110	107	105	106	104	102	95
5.00	114	111	109	112	109	107	107	106	104	96
<b>ROOM INDEX</b>	<b>UF(total)</b>									<b>Direct</b>
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

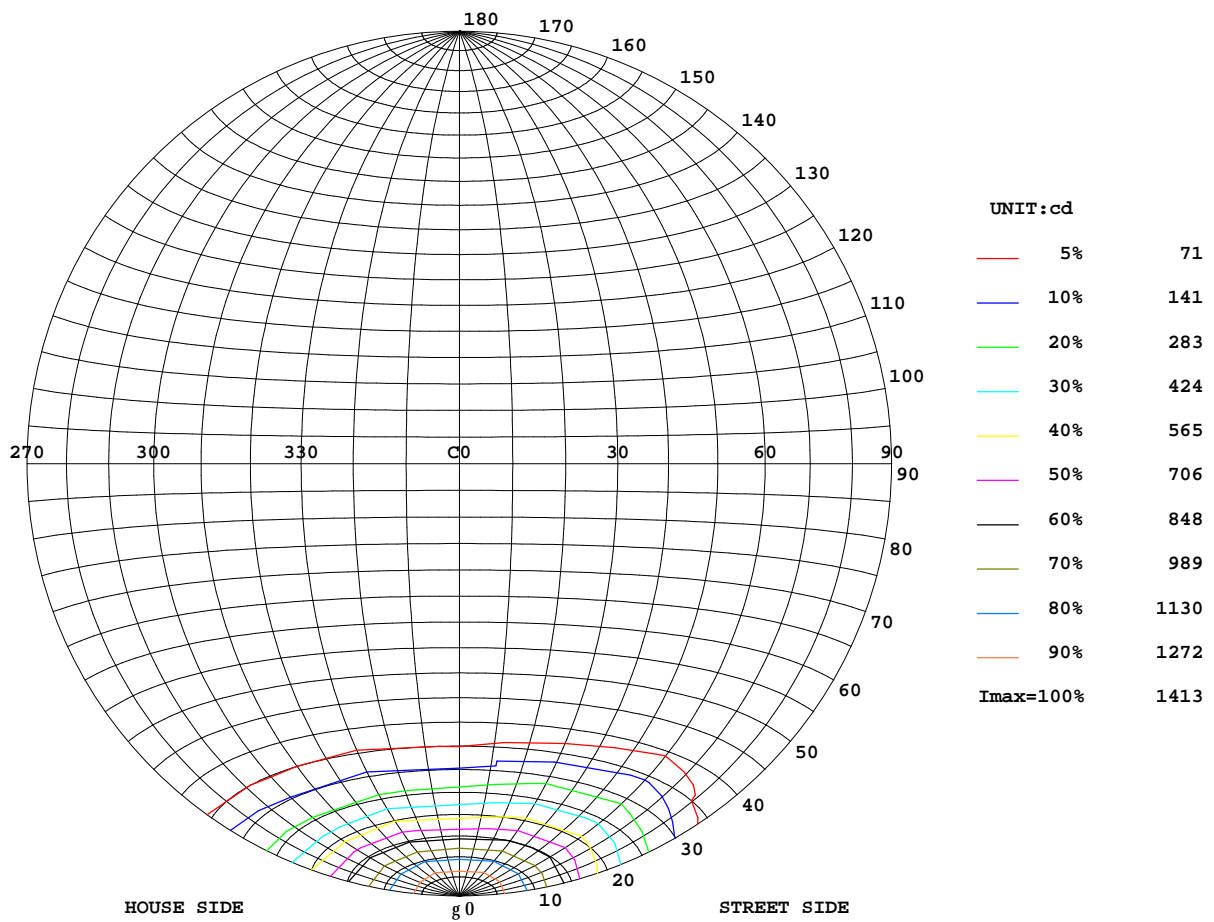
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/18

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

# ISOCANDELA DIAGRAM

Report number:

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



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

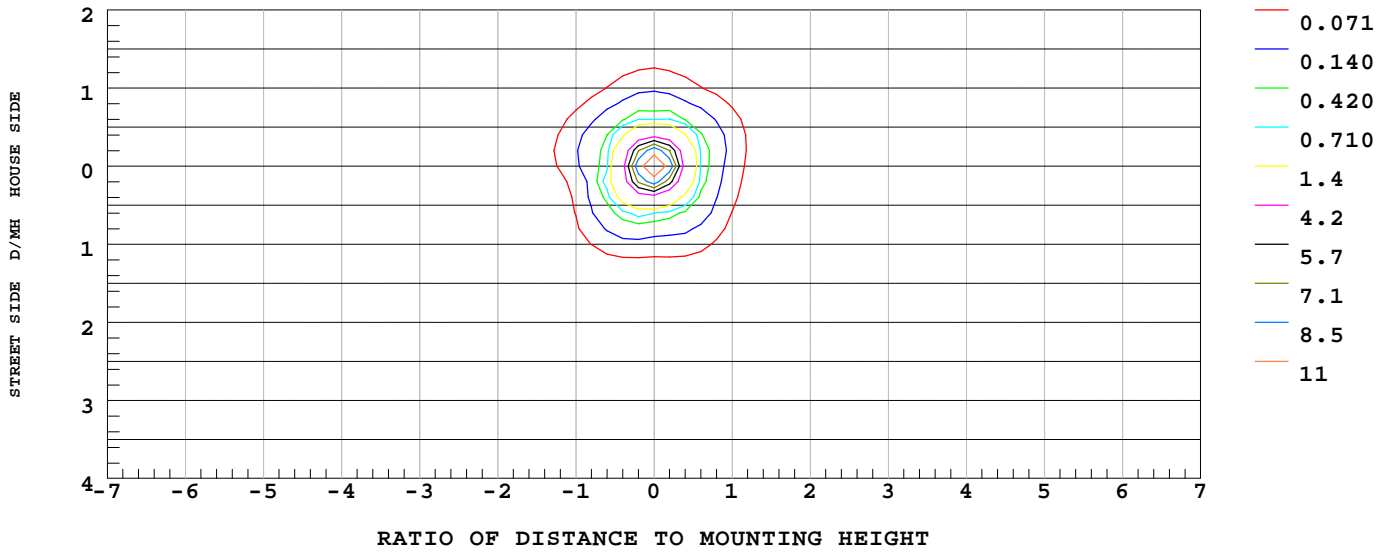
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

# ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 14.13 lx



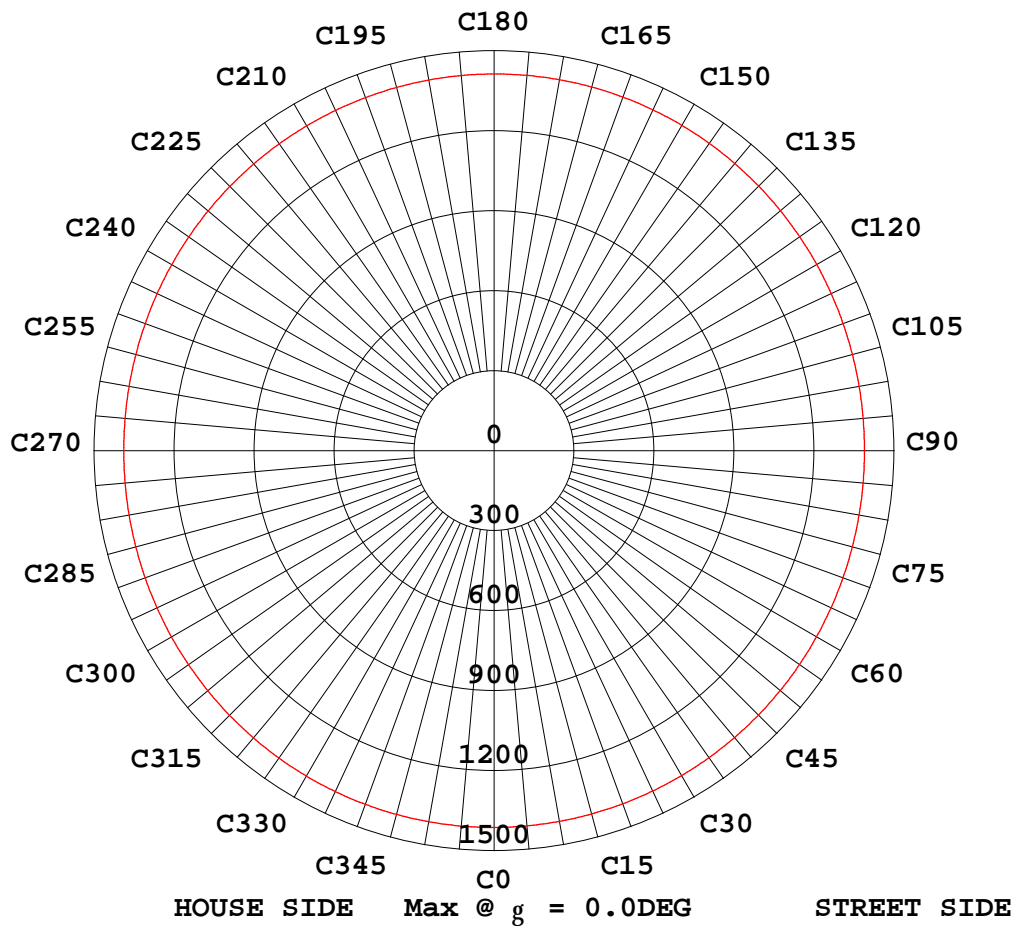
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/18

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

# ISOCANDELA DIAGRAM

Report number:

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



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:

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

UNIT: cd

$\gamma$ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1413	1407	1396	1389	1397	1409	1413	1407	1396	1389	1397	1409
5.0	1323	1336	1322	1309	1294	1318	1331	1307	1307	1313	1334	1327
10.0	1098	1122	1104	1084	1045	1080	1106	1088	1095	1096	1119	1105
15.0	801	853	843	778	742	777	817	830	839	824	834	814
20.0	522	591	599	497	465	504	511	560	564	522	553	530
25.0	326	388	392	317	284	290	297	348	330	300	316	323
30.0	158	235	248	137	147	148	129	201	192	157	158	184
35.0	69.0	99.5	101	54.5	71.6	66.7	49.4	94.3	79.5	67.3	77.1	89.1
40.0	43.5	46.6	62.7	35.0	44.0	38.9	35.2	48.8	40.1	42.7	41.1	48.3
45.0	32.8	31.7	41.2	27.3	34.0	30.5	27.1	37.9	31.3	33.5	31.3	36.9
50.0	29.3	25.4	31.6	24.8	29.9	24.6	24.4	30.7	25.8	30.0	25.6	30.2
55.0	25.3	22.8	28.2	20.0	26.0	20.9	20.1	26.6	22.5	25.4	22.8	26.6
60.0	19.7	16.7	21.3	16.0	20.0	15.5	15.9	21.1	16.9	18.9	18.1	21.6
65.0	14.6	12.8	17.1	11.6	16.0	12.2	12.6	17.1	12.1	13.6	13.2	16.7
70.0	9.78	9.01	12.7	7.20	12.1	8.52	8.52	13.7	8.45	8.91	9.74	12.5
75.0	5.53	5.74	8.59	3.55	8.73	4.90	4.73	10.3	5.29	4.83	6.57	8.94
80.0	3.09	3.23	5.46	1.28	5.91	2.50	1.81	7.17	2.92	3.09	4.14	6.12
85.0	2.64	1.53	3.51	0.66	3.62	1.04	0.97	4.49	1.42	2.57	2.19	4.07
90.0	2.43	0.56	2.47	0.52	2.36	0.52	0.87	2.64	0.59	2.40	0.70	2.57
95.0	2.26	0.56	2.29	0.52	2.15	0.52	0.91	2.40	0.59	2.22	0.56	2.29
100.0	2.12	0.59	2.08	0.52	2.01	0.52	0.94	2.22	0.59	2.08	0.59	2.12
105.0	1.98	0.59	1.98	0.56	1.87	0.56	0.94	2.08	0.63	1.94	0.59	1.98
110.0	1.87	0.63	1.84	0.59	1.77	0.56	0.94	1.94	0.63	1.84	0.59	1.87
115.0	1.81	0.66	1.74	0.63	1.70	0.59	0.97	1.84	0.66	1.74	0.63	1.77
120.0	1.74	0.70	1.70	0.66	1.63	0.63	1.00	1.74	0.66	1.67	0.63	1.67
125.0	1.67	0.73	1.63	0.70	1.56	0.66	1.04	1.67	0.73	1.56	0.66	1.60
130.0	1.63	0.80	1.60	0.73	1.53	0.73	1.07	1.63	0.77	1.53	0.70	1.56
135.0	1.67	0.91	1.63	0.84	1.56	0.84	1.21	1.67	0.91	1.56	0.77	1.56
140.0	1.74	1.11	1.70	1.00	1.63	1.00	1.39	1.77	1.04	1.63	0.94	1.60
145.0	1.91	1.35	1.87	1.28	1.81	1.25	1.63	1.91	1.28	1.81	1.14	1.77
150.0	2.19	1.67	2.12	1.60	2.05	1.56	1.98	2.15	1.60	2.05	1.46	2.01
155.0	2.50	2.01	2.43	1.98	2.36	1.94	2.36	2.47	1.98	2.36	1.84	2.33
160.0	2.88	2.43	2.74	2.36	2.71	2.36	2.78	2.81	2.36	2.71	2.26	2.68
165.0	3.23	2.81	3.09	2.74	3.06	2.78	3.23	3.16	2.74	3.09	2.68	3.06
170.0	3.55	3.13	3.37	3.06	3.34	3.09	3.58	3.44	3.06	3.41	2.99	3.34
175.0	3.72	3.34	3.55	3.34	3.20	3.55	3.82	3.62	3.27	3.58	3.20	3.55
180.0	3.96	3.68	3.34	3.65	3.27	3.62	3.96	3.68	3.34	3.65	3.27	3.62

**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:**