

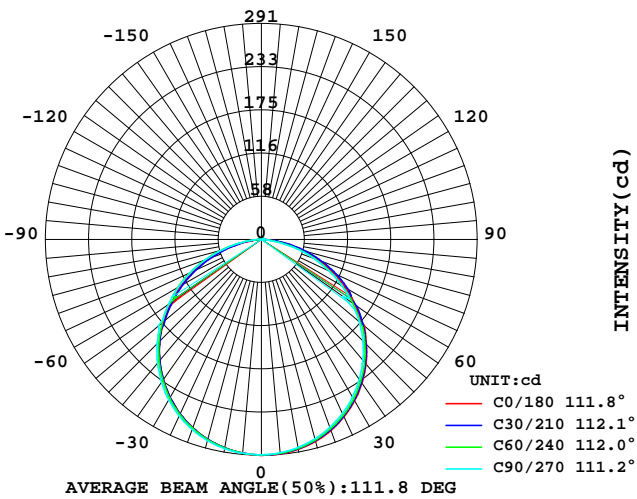
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

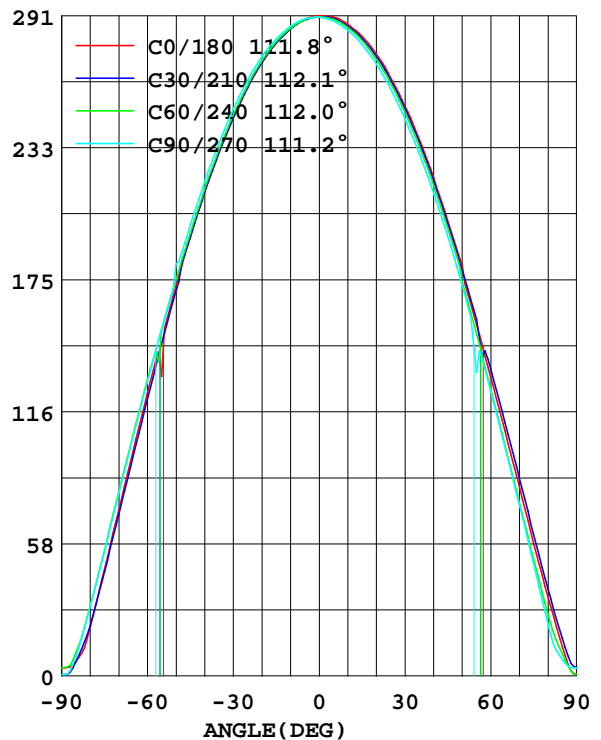
MANUFACTURER:			
Address:			
NAME: JXL-CA06-T12W-5CCT-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	290.9	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.28
NOMINAL POWER(W)	12	TOTAL FLUX(lm)	842.3	Voltage(V)	120.8
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	73.0	Current(A)	0.101
NOMINAL FLUX(lm)	842.3	h up(%)	1.3	Power(W)	11.53
LAMPS QUANTITY	1	h down(%)	98.7	Power Factor(PF)	0.944
TEST VOLTAGE(V)	120.8	Effective Flux(lm)	842.3	EEL	0.173

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



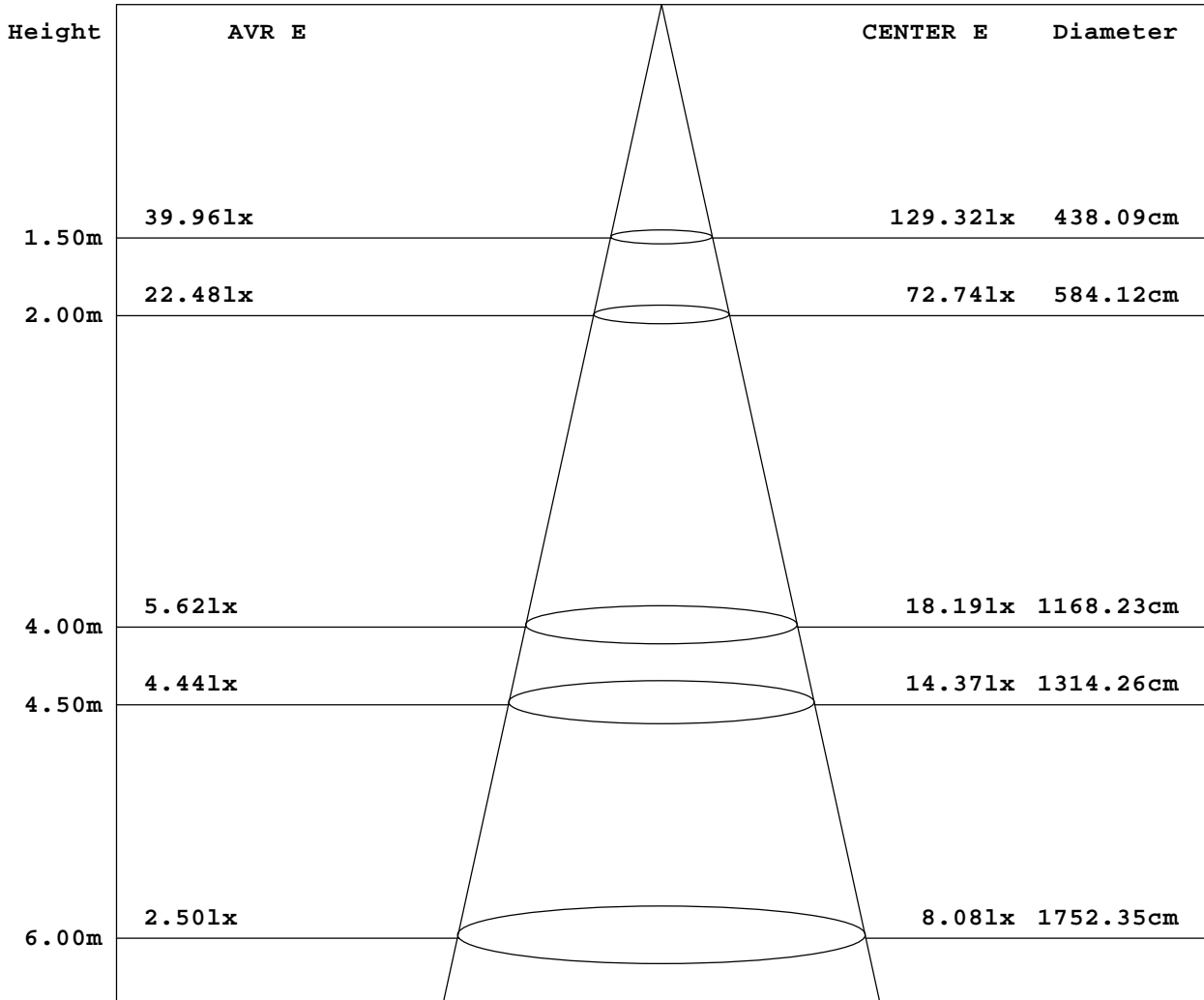
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/23

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-CA06-T12W-5CCT-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:



Angle:111.2deg

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/23

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: JXL-CA06-T12W-5CCT-BK</b>		<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	zone	tTotal
5.0	289.1	289.0	289.4	288.9	290.3	289.5	288.6	288.9	0- 5	6.928	6.928
10.0	285.1	285.2	286.3	285.4	287.1	286.1	284.5	285.4	5- 10	20.56	27.49
15.0	278.8	279.1	280.7	279.4	281.8	280.4	278.2	279.4	10- 15	33.53	61.03
20.0	270.1	270.5	272.9	271.0	273.9	272.3	269.6	271.2	15- 20	45.42	106.4
25.0	259.2	259.7	262.3	260.3	263.7	261.9	258.8	260.6	20- 25	55.82	162.2
30.0	245.9	246.6	249.7	247.3	251.1	249.3	245.6	247.9	25- 30	64.37	226.6
35.0	230.3	231.3	234.8	231.9	236.4	234.4	230.0	233.0	30- 35	70.77	297.4
40.0	212.8	213.8	217.7	214.6	219.6	217.1	212.7	215.9	35- 40	74.78	372.2
45.0	193.5	194.3	198.9	195.0	200.5	198.2	193.7	197.0	40- 45	76.27	448.5
50.0	171.8	172.0	181.3	172.7	181.2	176.3	172.2	178.3	45- 50	75.18	523.6
55.0	131.9	149.5	153.0	150.5	154.8	154.0	133.8	149.6	50- 55	70.67	594.3
60.0	124.9	126.4	129.8	128.0	131.8	131.1	125.4	130.3	55- 60	64.29	658.6
65.0	99.03	101.6	105.4	103.6	107.9	106.4	100.6	105.4	60- 65	56.53	715.2
70.0	72.99	75.90	80.44	78.51	83.40	81.61	75.25	79.99	65- 70	46.21	761.4
75.0	47.30	50.82	55.03	53.83	58.44	56.94	49.49	54.73	70- 75	34.55	795.9
80.0	21.58	26.52	30.80	29.90	34.94	32.89	23.21	31.59	75- 80	22.11	818.0
85.0	6.265	8.249	8.424	8.963	12.94	13.19	7.170	13.24	80- 85	10.38	828.4
90.0	3.550	2.158	0.627	2.140	0.905	2.245	3.481	2.106	85- 90	2.533	831.0
95.0	3.167	1.914	0.627	1.879	0.835	1.984	3.098	1.914	90- 95	1.112	832.1
100.0	2.924	1.810	0.661	1.757	0.905	1.844	2.854	1.810	95-100	1.014	833.1
105.0	2.715	1.740	0.731	1.688	0.975	1.775	2.645	1.723	100-105	0.951	834.0
110.0	2.575	1.688	0.801	1.670	1.079	1.723	2.506	1.705	105-110	0.904	834.9
115.0	2.471	1.705	0.905	1.653	1.148	1.723	2.436	1.688	110-115	0.867	835.8
120.0	2.436	1.688	1.009	1.653	1.253	1.705	2.367	1.670	115-120	0.830	836.6
125.0	2.367	1.723	1.079	1.670	1.357	1.723	2.297	1.688	120-125	0.794	837.4
130.0	2.332	1.723	1.148	1.688	1.427	1.740	2.262	1.705	125-130	0.753	838.2
135.0	2.297	1.723	1.218	1.688	1.531	1.740	2.227	1.723	130-135	0.706	838.9
140.0	2.262	1.757	1.322	1.723	1.601	1.757	2.193	1.723	135-140	0.653	839.5
145.0	2.227	1.775	1.357	1.723	1.670	1.775	2.158	1.740	140-145	0.595	840.1
150.0	2.193	1.792	1.427	1.740	1.705	1.775	2.158	1.757	145-150	0.530	840.7
155.0	2.193	1.810	1.462	1.775	1.775	1.792	2.123	1.775	150-155	0.459	841.1
160.0	2.158	1.844	1.496	1.775	1.844	1.810	2.123	1.775	155-160	0.384	841.5
165.0	2.158	1.844	1.566	1.810	1.879	1.827	2.088	1.810	160-165	0.304	841.8
170.0	2.123	1.844	1.601	1.810	1.949	1.827	2.053	1.810	165-170	0.221	842.0
175.0	1.984	1.862	1.670	1.601	1.984	1.827	2.053	1.792	170-175	0.133	842.2
180.0	2.053	1.844	2.018	1.792	2.053	1.844	2.018	1.792	175-180	0.044	842.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/23

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

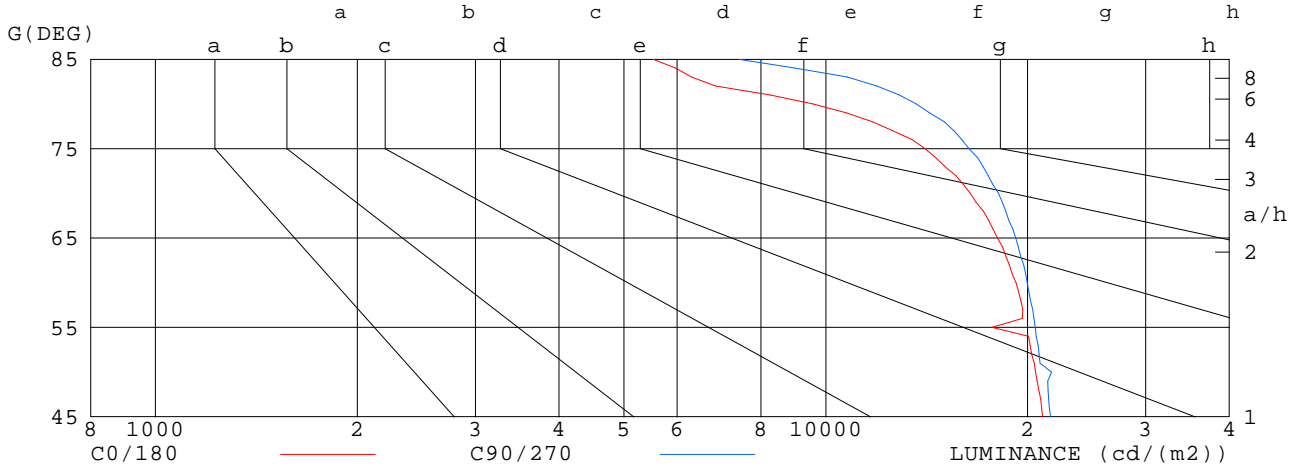
## LUMINANCE LIMITATION CURVES

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME: JXL-CA06-T12W-5CCT-BK</b>		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K): 5000</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

### 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	5530	7435
80	9561	13647
75	14060	16357
70	16418	18093
65	18026	19198
60	19226	19976
55	17696	20527
50	20566	21708
45	21055	21642

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/23

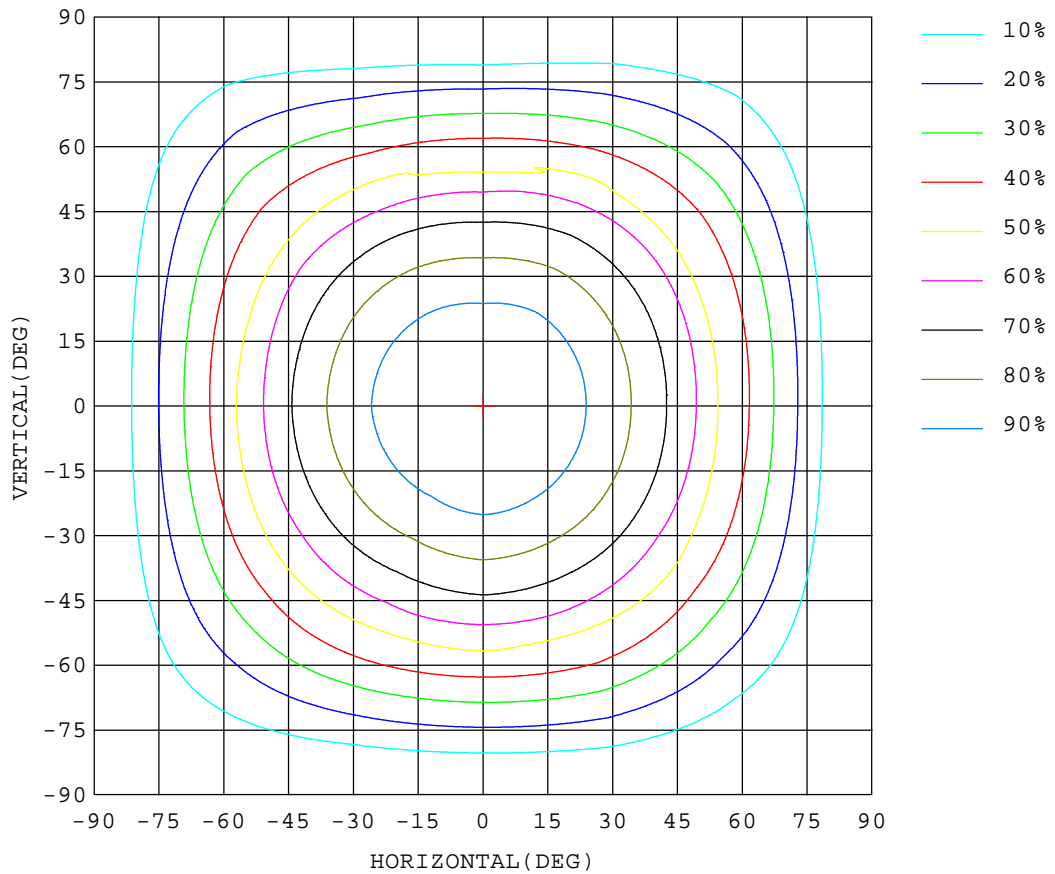
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

# ISOCANDELA DIAGRAM

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME: JXL-CA06-T12W-5CCT-BK</b>		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K): 5000</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: cd



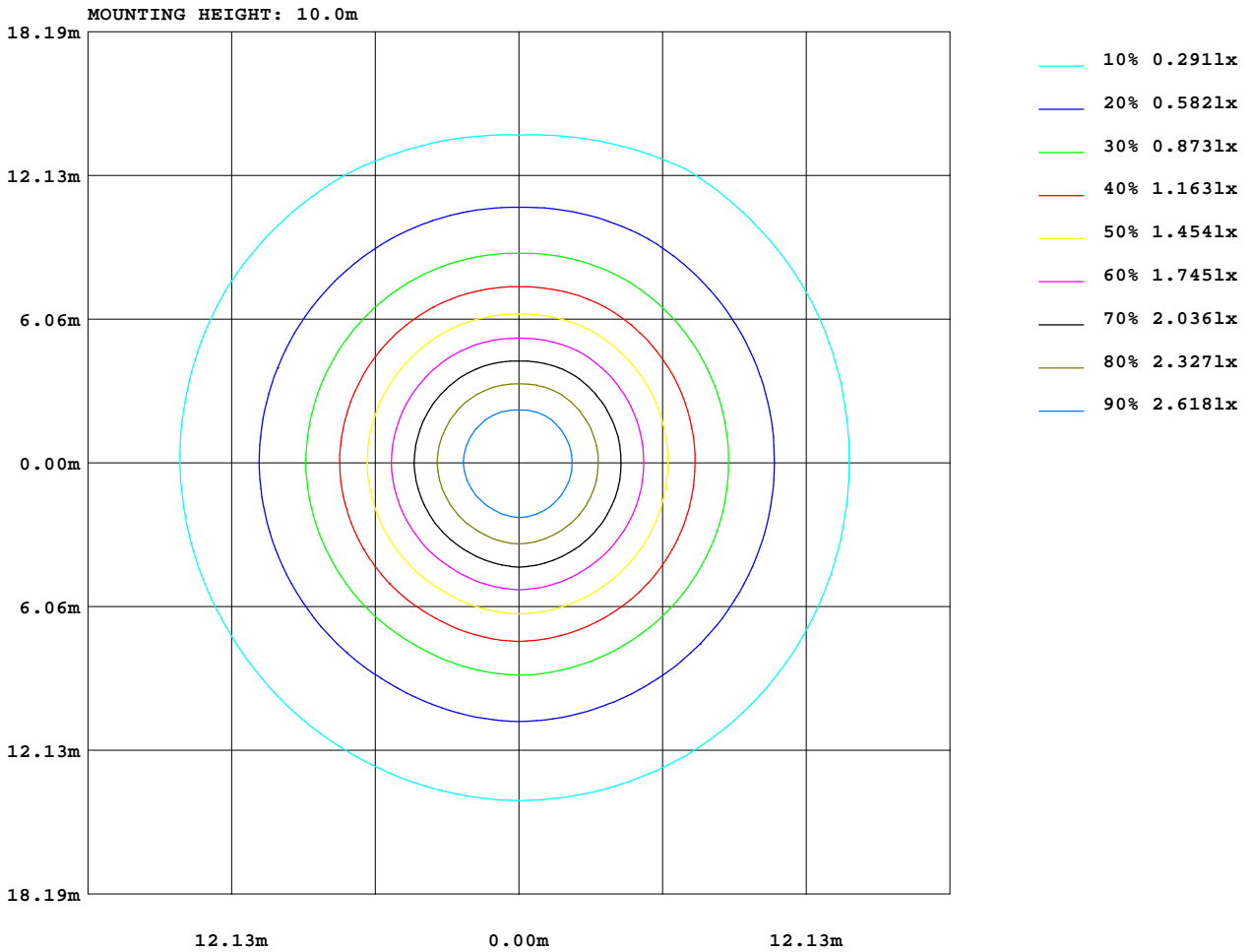
**Test System:**HOPOO HPG1800  
**Temperature:**25.3DEG  
**Operators:**  
**Test Date:**2024/01/23

**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: JXL-CA06-T12W-5CCT-BK</b>		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K): 5000</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>



**Test System:**HOPOO HPG1800  
**Temperature:**25.3DEG  
**Operators:**  
**Test Date:**2024/01/23

**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-CA06-T12W-5CCT-BK</b>		<b>TYPE:</b>	
<b>SPECIFICATION:</b>		<b>CCT(K): 5000</b>	
		<b>DIMENSION:</b>	
		<b>WEIGHT:</b>	
		<b>SERIAL No.:</b>	

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		$\Phi t$	$\Phi a$
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	
90	0.00	0.03	0.08	0.15	0.20	0.22	0.25	0.27	0.28	0.29	0.32	0.32	0.27	0.20	0.13	0.07	0.03	0.01	3.14	3.14
80	0.01	0.08	0.28	0.53	0.78	1.00	1.21	1.40	1.49	1.51	1.45	1.30	1.04	0.74	0.46	0.21	0.06	0.01	13.5	13.5
70	0.02	0.17	0.51	0.99	1.50	2.00	2.45	2.83	3.03	3.05	2.88	2.53	2.02	1.43	0.88	0.40	0.11	0.01	26.8	26.8
60	0.02	0.25	0.74	1.44	2.22	2.98	3.66	4.18	4.44	4.45	4.23	3.73	2.99	2.15	1.32	0.62	0.17	0.02	39.6	39.6
50	0.03	0.32	0.95	1.85	2.85	3.86	4.80	5.50	5.84	5.85	5.54	4.84	3.82	2.78	1.74	0.83	0.24	0.02	51.7	51.7
40	0.04	0.38	1.12	2.18	3.38	4.65	5.75	6.55	6.95	6.95	6.57	5.74	4.61	3.27	2.08	1.01	0.30	0.02	61.6	61.6
30	0.05	0.43	1.26	2.42	3.83	5.24	6.47	7.37	7.81	7.81	7.36	6.42	5.16	3.73	2.31	1.15	0.35	0.03	69.2	69.2
20	0.05	0.47	1.35	2.61	4.13	5.64	6.96	7.92	8.40	8.40	7.88	6.88	5.53	4.01	2.48	1.25	0.38	0.03	74.4	74.4
10	0.05	0.48	1.39	2.70	4.29	5.85	7.21	8.21	8.71	8.69	8.14	7.10	5.71	4.15	2.56	1.29	0.39	0.03	77.0	77.0
0	0.05	0.48	1.39	2.69	4.28	5.84	7.20	8.19	8.70	8.69	8.13	7.09	5.70	4.14	2.55	1.28	0.39	0.03	76.8	76.8
-10	0.05	0.46	1.33	2.57	4.10	5.60	6.91	7.88	8.41	8.42	7.86	6.85	5.50	3.98	2.45	1.22	0.37	0.03	74.0	74.0
-20	0.05	0.42	1.22	2.37	3.75	5.17	6.40	7.31	7.86	7.87	7.33	6.37	5.11	3.65	2.26	1.11	0.33	0.02	68.6	68.6
-30	0.04	0.36	1.06	2.08	3.27	4.56	5.67	6.51	7.02	7.03	6.54	5.67	4.51	3.19	1.97	0.96	0.28	0.02	60.8	60.8
-40	0.03	0.30	0.88	1.72	2.73	3.78	4.74	5.49	5.95	5.96	5.52	4.77	3.75	2.65	1.60	0.76	0.21	0.02	50.9	50.9
-50	0.02	0.22	0.66	1.31	2.11	2.95	3.69	4.26	4.59	4.60	4.28	3.71	2.93	2.02	1.18	0.54	0.14	0.01	39.2	39.2
-60	0.01	0.14	0.43	0.87	1.41	1.99	2.52	2.93	3.16	3.17	2.97	2.57	1.98	1.33	0.74	0.31	0.08	0.01	26.6	26.6
-70	0.01	0.06	0.20	0.43	0.70	1.00	1.28	1.51	1.65	1.66	1.55	1.33	1.00	0.63	0.32	0.13	0.04	0.01	13.5	13.5
-80	0.00	0.01	0.03	0.07	0.14	0.21	0.27	0.31	0.33	0.34	0.33	0.29	0.22	0.13	0.06	0.02	0.02	0.01	2.78	2.78
-90	0.00	0.01	0.03	0.07	0.14	0.21	0.27	0.31	0.33	0.34	0.33	0.29	0.22	0.13	0.06	0.02	0.02	0.01	2.78	2.78
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
$\Phi t$	0.54	5.04	14.9	29.0	45.7	62.6	77.5	88.7	94.7	94.8	88.9	77.5	61.9	44.2	27.1	13.2	3.86	0.33	842	
$\Phi a$	0.54	5.04	14.9	29.0	45.7	62.6	77.5	88.7	94.7	94.8	88.9	77.5	61.9	44.2	27.1	13.2	3.86	0.33		842

**Test System:**HOPOO HPG1800  
**Temperature:**25.3DEG  
**Operators:**  
**Test Date:**2024/01/23

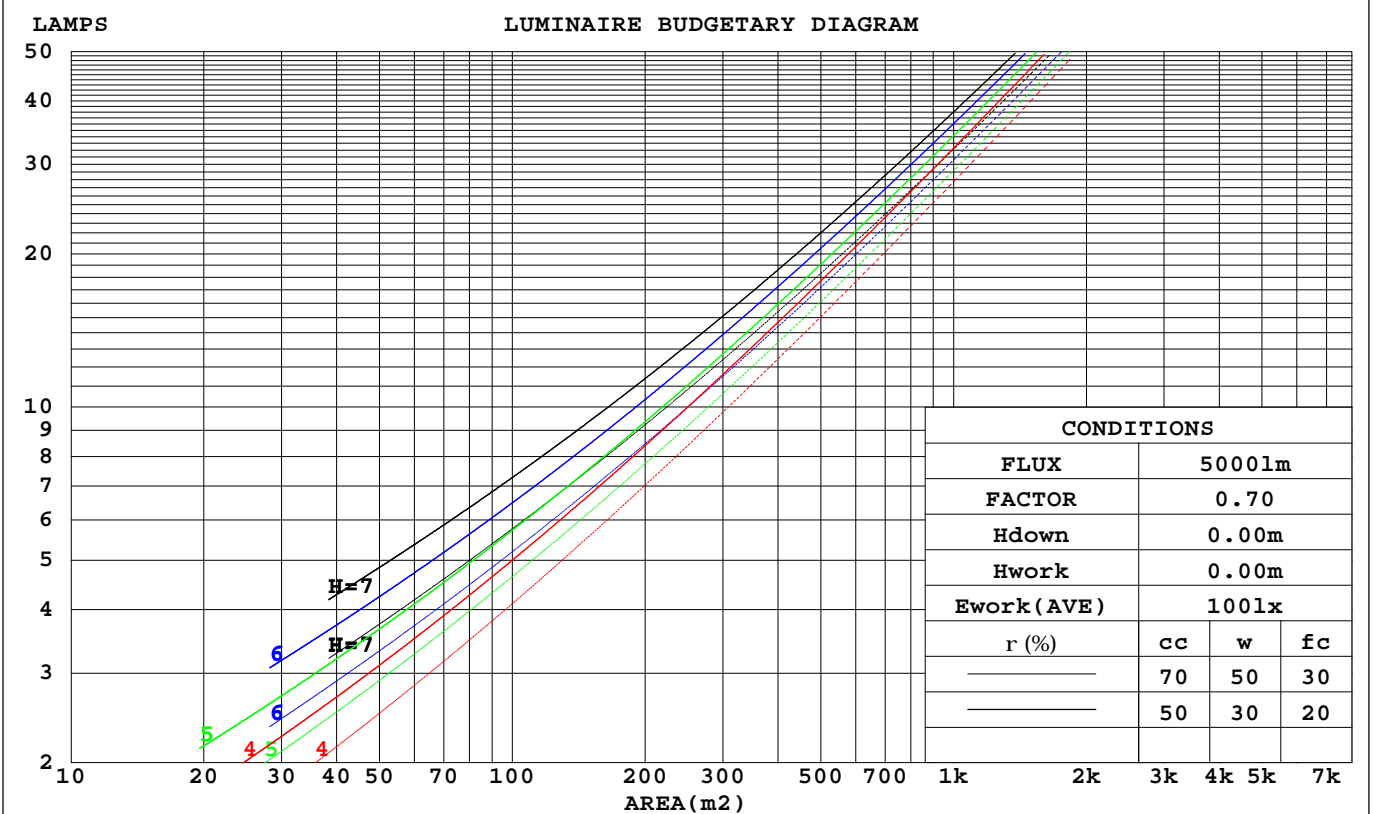
**Test Set:** 5.0deg/s C-Gamma (TYPE C)  
**Humidity:**65.0%  
**Test Distance:**5.900 m  
**Remarks:**

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-CA06-T12W-5CCT-BK		<b>TYPE:</b>	
<b>SPECIFICATION:</b>		<b>DIMENSION:</b>	
CCT(K): 5000		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
<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	.99
1.0	1.04	.90	.96	1.01	.98	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.84	.78	.88	.82	.77	.85	.79	.75	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.65	.78	.70	.64	.74	.68	.63	.72	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.55	.69	.61	.54	.66	.59	.53	.64	.57	.53	.61	.56	.52	.49
5.0	.63	.54	.47	.62	.53	.47	.59	.52	.46	.57	.51	.45	.55	.49	.45	.43
6.0	.56	.47	.41	.55	.47	.41	.53	.46	.40	.52	.45	.40	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.42	.36	.49	.41	.36	.47	.40	.35	.46	.40	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.32	.42	.36	.31	.29
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.40	.33	.28	.39	.33	.28	.26
10.0	.39	.32	.26	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.26	.24



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/23

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-CA06-T12W-5CCT-BK						<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
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.305	.173	.055	.298	.170	.054	.284	.163	.052	.271	.156	.050	.259	.150	.048	
2.0	.289	.158	.049	.282	.155	.048	.270	.150	.047	.258	.145	.045	.248	.140	.044	
3.0	.268	.143	.043	.262	.140	.042	.251	.136	.041	.241	.132	.040	.232	.128	.040	
4.0	.248	.129	.038	.242	.127	.038	.233	.123	.037	.224	.120	.036	.215	.117	.036	
5.0	.229	.117	.034	.225	.115	.034	.216	.112	.033	.208	.110	.033	.200	.107	.032	
6.0	.213	.107	.031	.209	.105	.030	.201	.103	.030	.194	.101	.030	.187	.098	.029	
7.0	.198	.098	.028	.194	.097	.028	.187	.095	.027	.181	.093	.027	.175	.091	.027	
8.0	.185	.090	.025	.182	.090	.025	.176	.088	.025	.170	.086	.025	.164	.084	.025	
9.0	.173	.084	.023	.171	.083	.023	.165	.082	.023	.160	.080	.023	.155	.079	.023	
10.0	.163	.078	.022	.160	.078	.022	.155	.076	.021	.151	.075	.021	.146	.073	.021	

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	.201	.201	.201	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.190	.166	.145	.163	.143	.125	.111	.098	.086	.064	.057	.050	.021	.018	.016	
2.0	.182	.142	.109	.156	.122	.094	.107	.085	.066	.062	.049	.038	.020	.016	.013	
3.0	.174	.125	.085	.150	.108	.074	.103	.075	.052	.059	.044	.030	.019	.014	.010	
4.0	.167	.111	.069	.143	.096	.060	.098	.067	.042	.057	.039	.025	.018	.013	.008	
5.0	.160	.101	.058	.137	.087	.050	.094	.061	.036	.055	.036	.021	.018	.012	.007	
6.0	.152	.093	.050	.131	.080	.043	.090	.056	.031	.052	.033	.018	.017	.011	.006	
7.0	.146	.086	.044	.125	.074	.038	.087	.052	.027	.050	.031	.016	.016	.010	.005	
8.0	.139	.080	.039	.120	.069	.034	.083	.049	.024	.048	.029	.014	.016	.009	.005	
9.0	.133	.075	.036	.115	.065	.031	.080	.046	.022	.046	.027	.013	.015	.009	.004	
10.0	.128	.071	.033	.110	.061	.029	.076	.043	.020	.044	.026	.012	.014	.008	.004	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/23

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-CA06-T12W-5CCT-BK					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	23.0	24.5	23.3	24.7	25.0	23.4	24.9	23.7	25.1	25.3
3H	24.4	25.8	24.7	26.0	26.3	24.9	26.3	25.2	26.5	26.8
4H	24.9	26.2	25.2	26.5	26.8	25.5	26.8	25.8	27.0	27.3
6H	25.1	26.4	25.5	26.7	27.0	25.8	27.1	26.2	27.4	27.7
8H	25.1	26.3	25.5	26.6	26.9	25.9	27.1	26.3	27.4	27.7
12H	25.1	26.3	25.5	26.6	26.9	25.9	27.1	26.3	27.4	27.7
4H 2H	23.6	24.9	24.0	25.2	25.5	23.9	25.2	24.3	25.5	25.8
3H	25.2	26.3	25.5	26.6	27.0	25.6	26.8	26.0	27.1	27.4
4H	25.7	26.8	26.1	27.1	27.5	26.3	27.4	26.7	27.7	28.1
6H	26.1	27.0	26.5	27.4	27.8	26.8	27.8	27.2	28.1	28.5
8H	26.1	27.0	26.5	27.4	27.8	26.9	27.8	27.4	28.2	28.6
12H	26.1	26.9	26.5	27.3	27.7	27.0	27.8	27.4	28.2	28.6
8H 4H	26.0	26.9	26.4	27.2	27.7	26.5	27.4	27.0	27.8	28.2
6H	26.4	27.1	26.9	27.5	28.0	27.1	27.9	27.6	28.3	28.7
8H	26.5	27.1	26.9	27.6	28.0	27.3	28.0	27.8	28.4	28.9
12H	26.5	27.0	27.0	27.5	28.0	27.4	28.0	27.9	28.4	28.9
12H 4H	26.0	26.8	26.4	27.2	27.6	26.5	27.3	27.0	27.7	28.1
6H	26.4	27.1	26.9	27.5	28.0	27.2	27.8	27.6	28.2	28.7
8H	26.5	27.1	27.0	27.5	28.0	27.4	27.9	27.9	28.4	28.9
Variations with the observer position at spacings:										
s = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.2					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 842.2 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.6)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/23

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: JXL-CA06-T12W-5CCT-BK</b>		<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	57	46	39	56	45	39	55	45	38	32
0.80	67	56	48	66	55	48	64	54	48	41
1.00	76	65	57	74	64	57	72	65	56	49
1.25	83	72	65	81	72	65	78	70	64	56
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	96	89	84	92	87	82	73
3.00	102	95	90	100	94	88	96	90	86	77
4.00	106	100	96	104	98	94	99	95	91	82
5.00	108	104	100	106	102	98	101	98	95	85
<b>ROOM INDEX</b>	<b>UF(total)</b>									<b>Direct</b>
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

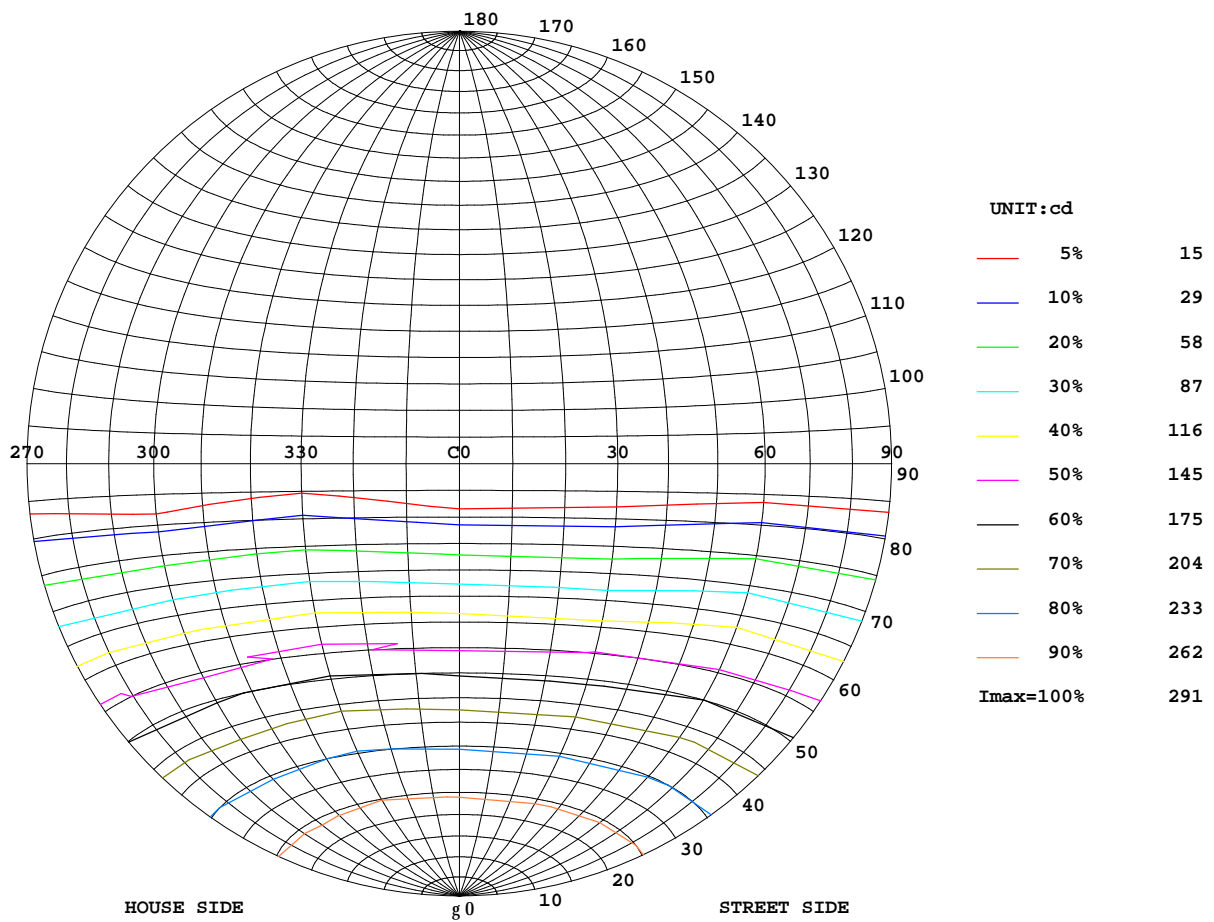
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/23

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-CA06-T12W-5CCT-BK		<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:2024/01/23

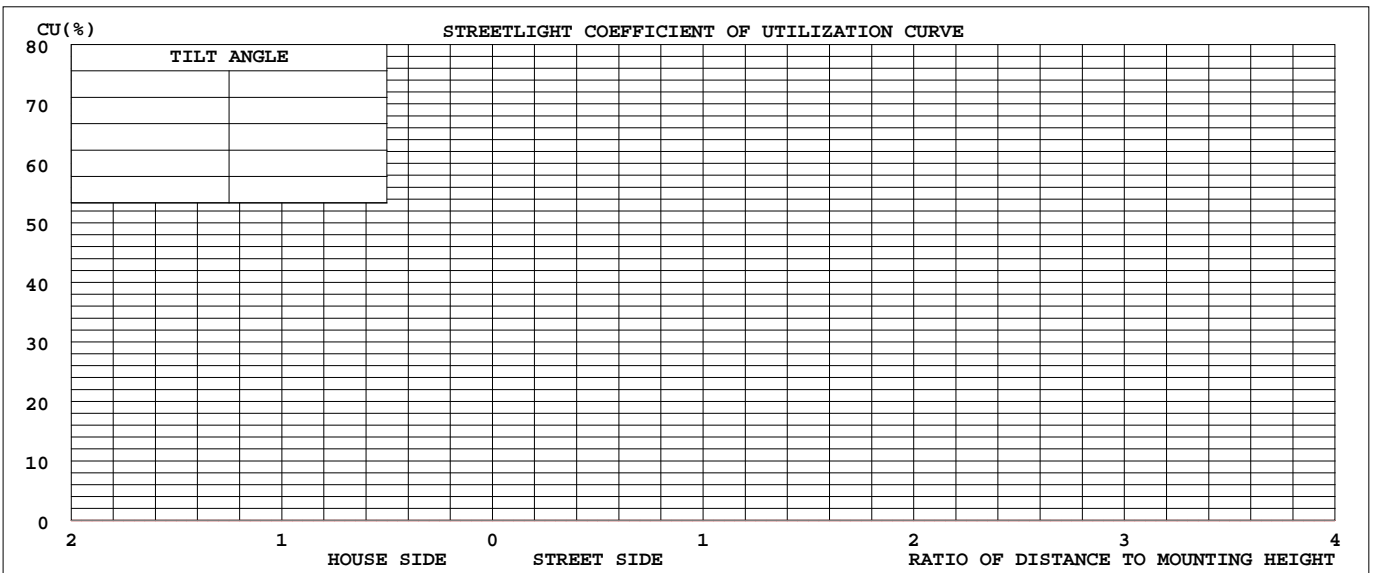
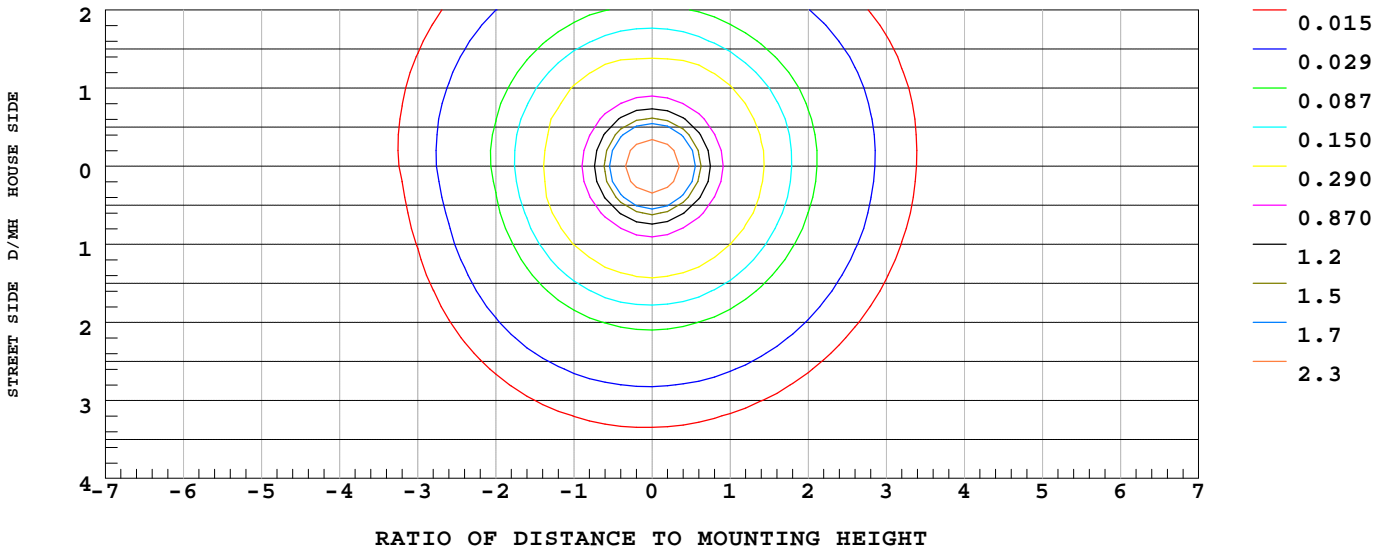
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

# ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-CA06-T12W-5CCT-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 2.91 lx



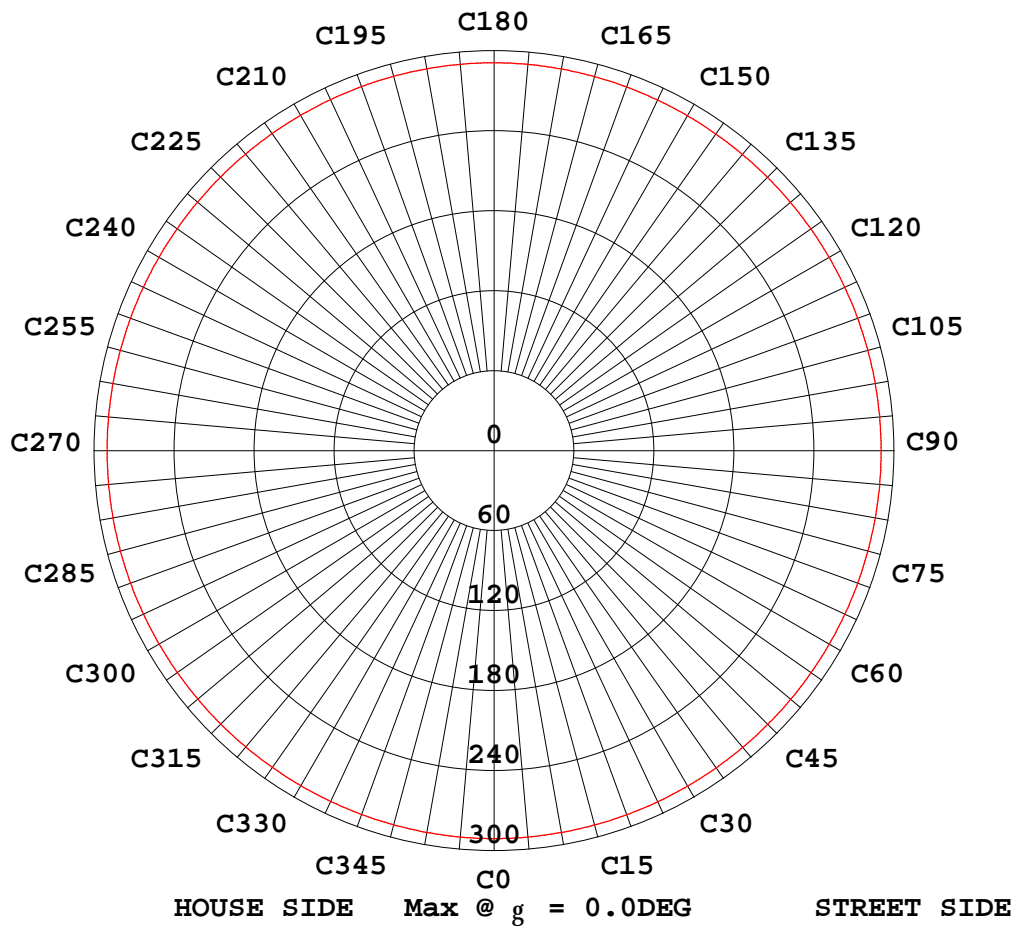
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2024/01/23

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-CA06-T12W-5CCT-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/23

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-CA06-T12W-5CCT-BK</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	291	290	290	290	290	290	291	290	290	290	290	290
5.0	289	289	289	289	289	289	290	290	289	289	289	289
10.0	285	285	285	286	285	286	287	286	286	285	286	285
15.0	279	279	279	281	279	280	282	281	280	278	280	279
20.0	270	270	271	273	270	272	274	273	272	270	272	271
25.0	259	259	260	262	260	261	264	263	261	259	261	260
30.0	246	246	247	250	246	248	251	250	248	246	249	247
35.0	230	231	232	235	231	233	236	235	233	230	234	232
40.0	213	213	215	218	213	216	220	218	216	213	217	215
45.0	194	194	195	199	194	196	201	199	197	194	198	196
50.0	172	170	175	181	173	173	181	179	174	172	181	176
55.0	132	147	153	153	151	150	155	157	151	134	153	146
60.0	125	122	131	130	129	127	132	135	127	125	130	131
65.0	99.0	96.8	106	105	104	103	108	111	101	101	105	106
70.0	72.9	70.9	80.8	80.4	78.7	78.3	83.4	87.0	76.1	75.2	79.9	80.0
75.0	47.3	46.0	55.5	55.0	53.4	54.1	58.4	62.4	51.4	49.4	54.7	54.7
80.0	21.5	22.2	30.8	30.8	28.8	30.9	34.9	38.5	27.2	23.2	31.5	31.6
85.0	6.26	6.30	10.1	8.42	8.70	9.22	12.9	16.6	9.74	7.17	13.3	13.1
90.0	3.55	0.66	3.65	0.63	3.58	0.70	0.91	3.86	0.63	3.48	0.59	3.62
95.0	3.16	0.66	3.16	0.63	3.13	0.63	0.84	3.34	0.63	3.09	0.63	3.20
100.0	2.92	0.73	2.88	0.66	2.85	0.66	0.91	2.99	0.70	2.85	0.70	2.92
105.0	2.71	0.80	2.68	0.73	2.64	0.73	0.97	2.78	0.77	2.64	0.73	2.71
110.0	2.57	0.87	2.50	0.80	2.50	0.84	1.07	2.61	0.84	2.50	0.84	2.57
115.0	2.47	0.97	2.43	0.91	2.40	0.91	1.14	2.50	0.94	2.43	0.91	2.47
120.0	2.43	1.04	2.33	1.00	2.33	0.97	1.25	2.40	1.00	2.36	0.97	2.36
125.0	2.36	1.14	2.29	1.07	2.26	1.07	1.35	2.36	1.07	2.29	1.07	2.29
130.0	2.33	1.21	2.22	1.14	2.22	1.14	1.42	2.29	1.18	2.26	1.14	2.26
135.0	2.29	1.25	2.19	1.21	2.15	1.21	1.53	2.26	1.21	2.22	1.21	2.22
140.0	2.26	1.32	2.19	1.32	2.15	1.28	1.60	2.22	1.28	2.19	1.25	2.19
145.0	2.22	1.39	2.15	1.35	2.12	1.32	1.67	2.19	1.35	2.15	1.32	2.15
150.0	2.19	1.46	2.12	1.42	2.08	1.39	1.70	2.15	1.39	2.15	1.39	2.12
155.0	2.19	1.49	2.12	1.46	2.08	1.46	1.77	2.15	1.42	2.12	1.42	2.12
160.0	2.15	1.56	2.12	1.49	2.05	1.49	1.84	2.12	1.49	2.12	1.46	2.08
165.0	2.15	1.60	2.08	1.56	2.05	1.56	1.87	2.12	1.53	2.08	1.53	2.08
170.0	2.12	1.63	2.05	1.60	2.01	1.60	1.94	2.08	1.56	2.05	1.56	2.05
175.0	1.98	1.70	2.01	1.67	1.56	1.63	1.98	2.05	1.60	2.05	1.56	2.01
180.0	2.05	2.05	1.63	2.01	1.60	1.98	2.05	2.05	1.63	2.01	1.60	1.98

**Test System:HOPOO HPG1800**  
**Temperature:25.3DEG**  
**Operators:**  
**Test Date:2024/01/23**

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