

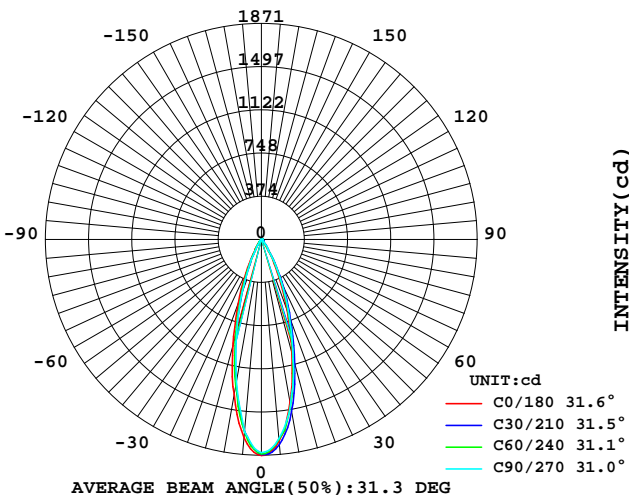
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

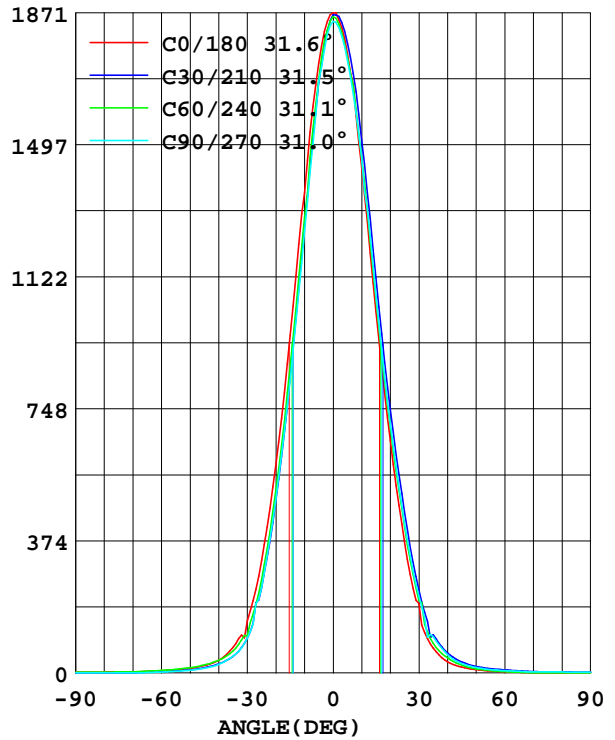
<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH05-T11W-5CCT-WH-30°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K):</b> 3500	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

<b>DATA OF LAMP</b>		<b>Imax(cd)</b>	1871	<b>S/MH(C0/180)</b>	0.51
<b>MODEL</b>		<b>EFFICIENCY(%)</b>	100.0	<b>S/MH(C90/270)</b>	0.46
<b>NOMINAL POWER(W)</b>	11	<b>TOTAL FLUX(lm)</b>	666.7	<b>Voltage(V)</b>	120.6
<b>RATED VOLTAGE(V)</b>	120	<b>EFFICIENCY(lm/W)</b>	63.0	<b>Current(A)</b>	0.090
<b>NOMINAL FLUX(lm)</b>	666.7	<b>h up(%)</b>	1.5	<b>Power(W)</b>	10.58
<b>LAMPS QUANTITY</b>	1	<b>h down(%)</b>	98.5	<b>Power Factor(PF)</b>	0.966
<b>TEST VOLTAGE(V)</b>	120.7	<b>Effictive Flux(lm)</b>	666.7	<b>EEl</b>	0.191

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



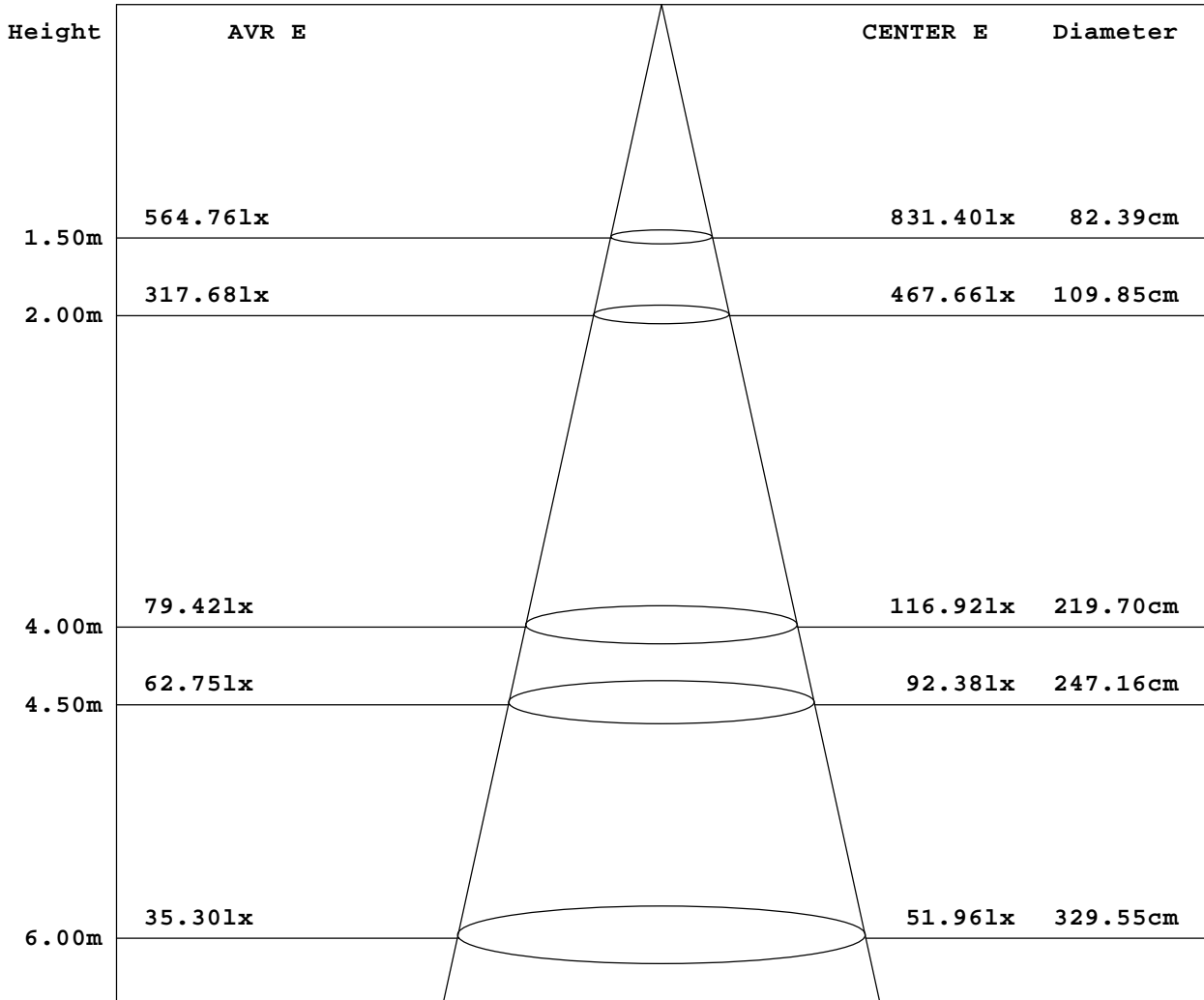
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/24

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-TXH05-T11W-5CCT-WH-30°		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:



Angle: 30.7deg

Test System: HOPOO HPG1800  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2024/01/24

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-TXH05-T11W-5CCT-WH-30°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	CCT(K): 3500	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tBtal
5.0	1726	1676	1676	1703	1754	1764	1735	1732	0- 5	42.73	42.73
10.0	1361	1281	1252	1343	1436	1487	1462	1420	5- 10	110.2	152.9
15.0	956.7	856.3	830.5	928.6	1023	1089	1069	1008	10- 15	138.1	291.1
20.0	588.2	501.8	488.8	567.5	658.2	720.7	705.8	637.9	15- 20	127.4	418.6
25.0	319.4	254.3	243.7	299.7	372.0	436.7	425.3	360.5	20- 25	96.63	515.2
30.0	147.3	101.2	98.82	113.1	197.0	220.8	217.8	167.8	25- 30	60.51	575.7
35.0	72.43	54.61	47.44	63.23	70.17	95.74	103.2	77.53	30- 35	31.16	606.9
40.0	36.02	30.75	24.12	34.44	31.64	49.63	51.34	40.91	35- 40	17.68	624.6
45.0	20.99	18.76	13.33	20.25	16.49	26.87	26.73	23.25	40- 45	10.59	635.2
50.0	13.29	11.87	7.832	12.65	9.294	15.24	15.42	13.78	45- 50	6.674	641.9
55.0	9.050	7.971	4.699	8.615	5.604	9.537	9.746	8.789	50- 55	4.459	646.3
60.0	6.439	5.360	2.680	5.830	3.481	6.300	6.718	5.743	55- 60	3.128	649.5
65.0	4.629	3.463	1.322	3.724	1.949	4.090	4.803	3.707	60- 65	2.169	651.6
70.0	3.237	1.862	0.557	1.879	0.870	2.367	3.272	2.088	65- 70	1.378	653.0
75.0	2.958	1.705	0.557	1.688	0.905	1.879	2.993	1.810	70- 75	0.982	654.0
80.0	2.715	1.583	0.557	1.583	0.905	1.775	2.784	1.705	75- 80	0.931	654.9
85.0	2.541	1.514	0.557	1.496	0.940	1.688	2.575	1.618	80- 85	0.891	655.8
90.0	2.367	1.427	0.592	1.427	0.940	1.601	2.436	1.531	85- 90	0.856	656.7
95.0	2.227	1.374	0.592	1.340	0.975	1.531	2.262	1.479	90- 95	0.817	657.5
100.0	2.123	1.322	0.627	1.305	0.975	1.462	2.158	1.409	95-100	0.780	658.3
105.0	1.984	1.287	0.627	1.253	1.009	1.409	2.018	1.357	100-105	0.739	659.0
110.0	1.914	1.253	0.661	1.218	1.009	1.340	1.914	1.305	105-110	0.697	659.7
115.0	1.844	1.218	0.696	1.200	1.009	1.305	1.810	1.253	110-115	0.656	660.3
120.0	1.740	1.200	0.731	1.183	1.009	1.253	1.705	1.200	115-120	0.613	661.0
125.0	1.705	1.218	0.766	1.183	1.079	1.235	1.636	1.183	120-125	0.573	661.5
130.0	1.670	1.270	0.870	1.218	1.113	1.218	1.601	1.183	125-130	0.540	662.1
135.0	1.740	1.374	0.975	1.270	1.218	1.253	1.566	1.235	130-135	0.517	662.6
140.0	1.844	1.549	1.218	1.444	1.392	1.357	1.636	1.357	135-140	0.511	663.1
145.0	2.053	1.827	1.531	1.705	1.705	1.566	1.775	1.583	140-145	0.523	663.6
150.0	2.401	2.227	1.949	2.053	2.088	1.879	2.053	1.897	145-150	0.549	664.2
155.0	2.854	2.715	2.471	2.506	2.575	2.297	2.436	2.349	150-155	0.575	664.8
160.0	3.341	3.219	2.958	2.993	3.132	2.802	2.889	2.854	155-160	0.577	665.3
165.0	3.829	3.672	3.411	3.446	3.655	3.306	3.376	3.324	160-165	0.533	665.9
170.0	4.212	4.003	3.794	3.794	4.107	3.724	3.829	3.707	165-170	0.435	666.3
175.0	4.455	4.177	4.003	4.090	4.420	4.020	4.142	3.950	170-175	0.285	666.6
180.0	4.594	4.194	4.281	4.055	4.594	4.194	4.281	4.055	175-180	0.100	666.7
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/24

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

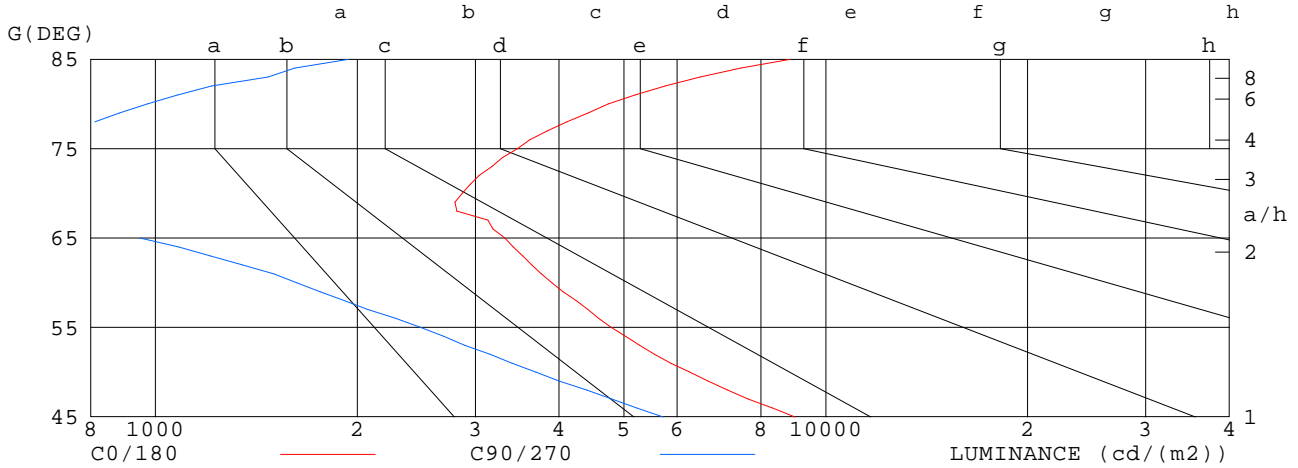
## LUMINANCE LIMITATION CURVES

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME: JXL-TXH05-T11W-5CCT-WH-30°</b>		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K): 3500</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	8835	1936
80	4738	972
75	3464	652
70	2868	493
65	3320	948
60	3903	1624
55	4782	2483
50	6269	3692
45	8995	5714

**Test System:**HOPOO HPG1800  
**Temperature:**25.3DEG  
**Operators:**  
**Test Date:**2024/01/24

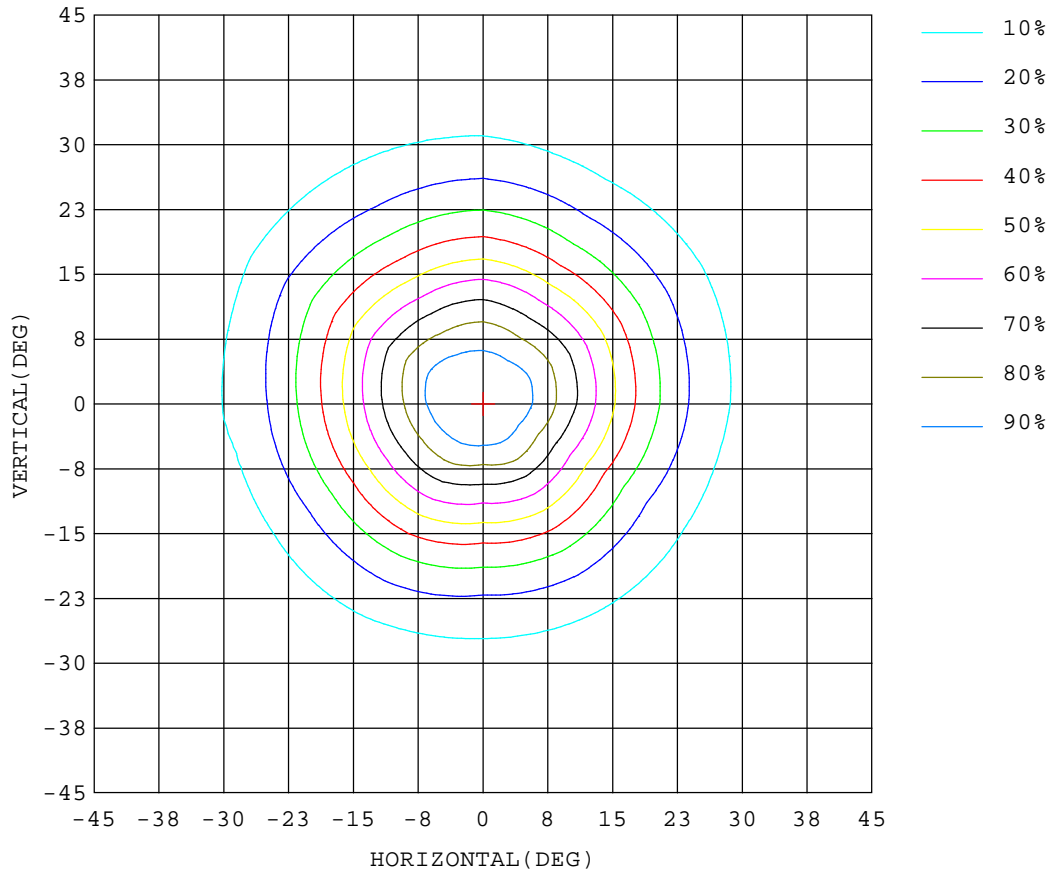
**Test Set:** 5.0deg/s C-Gamma (TYPE C)  
**Humidity:**65.0%  
**Test Distance:**5.900 m  
**Remarks:**

# ISOCANDELA DIAGRAM

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH05-T11W-5CCT-WH-30°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K):</b> 3500	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: cd



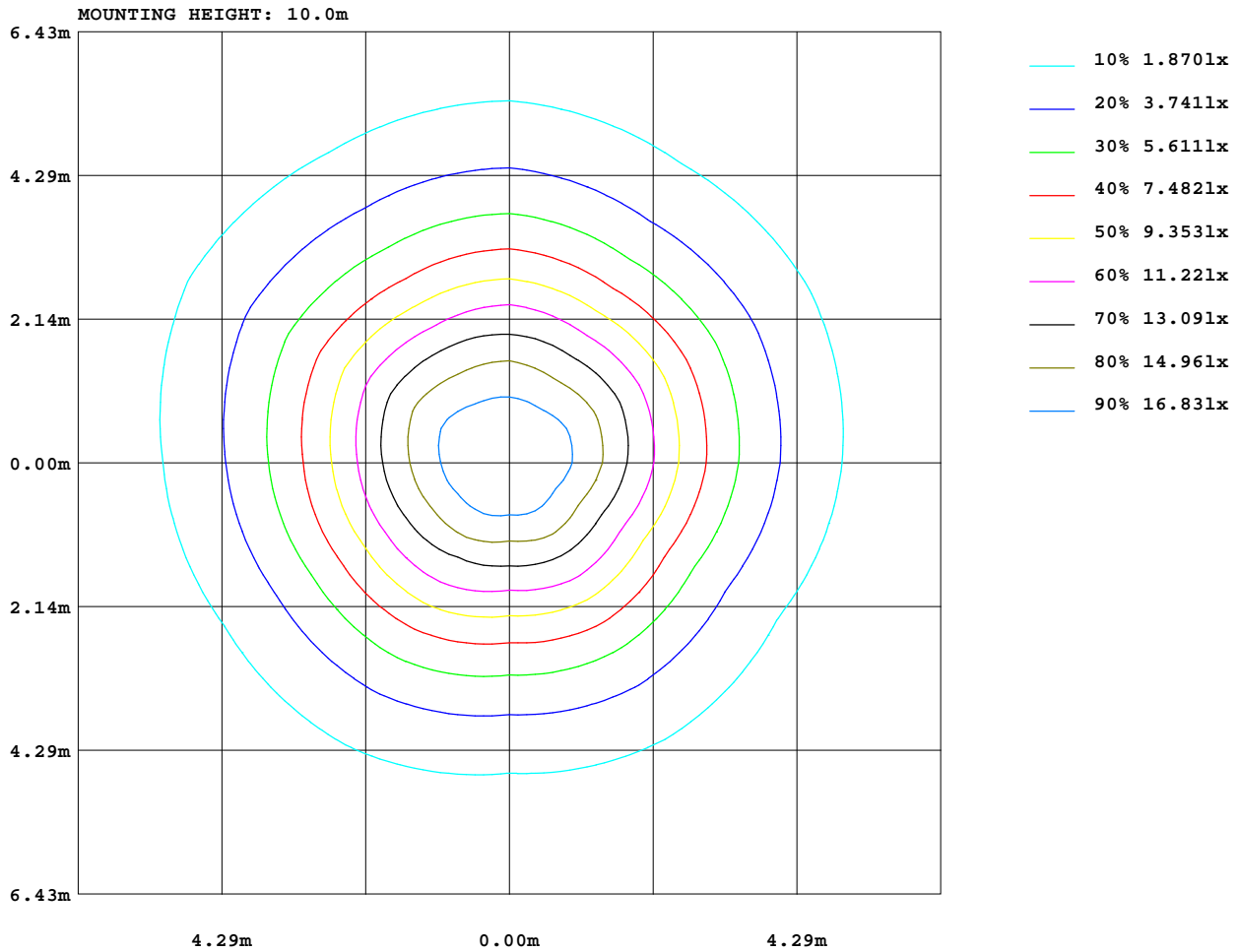
**Test System:** HOPOO HPG1800  
**Temperature:** 25.3DEG  
**Operators:**  
**Test Date:** 2024/01/24

**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-TXH05-T11W-5CCT-WH-30°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K):</b> 3500	<b>DIMENSION:</b>	<b>SERIAL No.:</b>



**Test System:**HOPOO HPG1800  
**Temperature:**25.3DEG  
**Operators:**  
**Test Date:**2024/01/24

**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-TXH05-T11W-5CCT-WH-30°</b>		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K): 3500</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

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	0.05	0.07	0.08	0.10	0.12	0.16	0.21	0.25	0.28	0.27	0.24	0.20	0.15	0.12	0.09	0.08	0.06	0.05	2.58	2.58
40	0.07	0.09	0.13	0.17	0.22	0.29	0.38	0.48	0.55	0.54	0.45	0.35	0.26	0.20	0.15	0.11	0.08	0.06	4.57	4.57
35	0.09	0.13	0.19	0.28	0.38	0.51	0.71	0.92	1.06	1.02	0.84	0.62	0.44	0.32	0.23	0.16	0.11	0.08	8.11	8.11
30	0.11	0.18	0.29	0.45	0.67	1.06	1.58	2.04	2.33	2.27	1.86	1.30	0.83	0.55	0.36	0.23	0.15	0.10	16.3	16.3
25	0.13	0.23	0.42	0.70	1.27	2.06	2.89	3.67	4.16	4.06	3.39	2.50	1.67	0.94	0.56	0.33	0.19	0.11	29.3	29.3
20	0.14	0.28	0.54	1.10	2.10	3.34	4.60	5.75	6.55	6.42	5.39	4.08	2.79	1.65	0.81	0.44	0.24	0.13	46.3	46.3
15	0.15	0.31	0.64	1.51	2.94	4.71	6.58	8.29	9.44	9.27	7.84	5.97	4.03	2.36	1.13	0.54	0.28	0.15	66.1	66.1
10	0.15	0.32	0.72	1.77	3.45	5.74	8.47	10.8	12.0	11.8	10.2	7.77	5.05	2.89	1.41	0.61	0.30	0.16	83.8	83.8
5	0.14	0.31	0.75	1.84	3.62	6.10	9.21	12.1	13.6	13.4	11.6	8.65	5.53	3.14	1.53	0.64	0.32	0.16	92.9	92.9
0	0.13	0.29	0.69	1.70	3.39	5.78	8.74	11.5	13.3	13.2	11.0	8.16	5.21	2.94	1.42	0.60	0.30	0.15	88.7	88.7
-5	0.12	0.25	0.57	1.39	2.80	4.82	7.28	9.67	11.0	10.9	9.20	6.57	4.18	2.35	1.13	0.51	0.26	0.13	73.2	73.2
-10	0.11	0.21	0.44	0.98	2.03	3.55	5.43	7.15	7.93	7.80	6.77	4.87	3.01	1.65	0.76	0.39	0.21	0.12	53.4	53.4
-15	0.09	0.17	0.32	0.62	1.29	2.34	3.57	4.61	5.02	4.91	4.32	3.20	1.99	1.04	0.49	0.28	0.16	0.09	34.5	34.5
-20	0.08	0.13	0.23	0.42	0.73	1.30	2.02	2.55	2.76	2.70	2.38	1.81	1.13	0.62	0.35	0.20	0.12	0.07	19.6	19.6
-25	0.06	0.10	0.17	0.29	0.46	0.69	0.93	1.17	1.28	1.25	1.11	0.88	0.63	0.41	0.25	0.15	0.09	0.06	10.0	10.0
-30	0.05	0.08	0.13	0.20	0.30	0.42	0.51	0.55	0.54	0.54	0.53	0.47	0.38	0.27	0.18	0.12	0.07	0.04	5.36	5.36
-35	0.04	0.06	0.10	0.14	0.20	0.25	0.28	0.29	0.28	0.27	0.28	0.26	0.24	0.19	0.13	0.09	0.06	0.04	3.18	3.18
-40	0.04	0.05	0.07	0.10	0.13	0.16	0.16	0.16	0.15	0.15	0.16	0.16	0.15	0.13	0.10	0.07	0.05	0.03	2.01	2.01
-45	0.04	0.05	0.07	0.10	0.13	0.16	0.16	0.16	0.15	0.15	0.16	0.16	0.15	0.13	0.10	0.07	0.05	0.03	2.01	2.01
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)	10	15	20	25	30	35	40	45			
Φ t	1.74	3.28	6.48	13.7	26.1	43.3	63.5	82.1	92.4	90.9	77.8	57.8	37.7	21.7	11.1	5.56	3.03	1.72	667	
Φ a	1.74	3.28	6.48	13.7	26.1	43.3	63.5	82.1	92.4	90.9	77.8	57.8	37.7	21.7	11.1	5.56	3.03	1.72		667

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/24

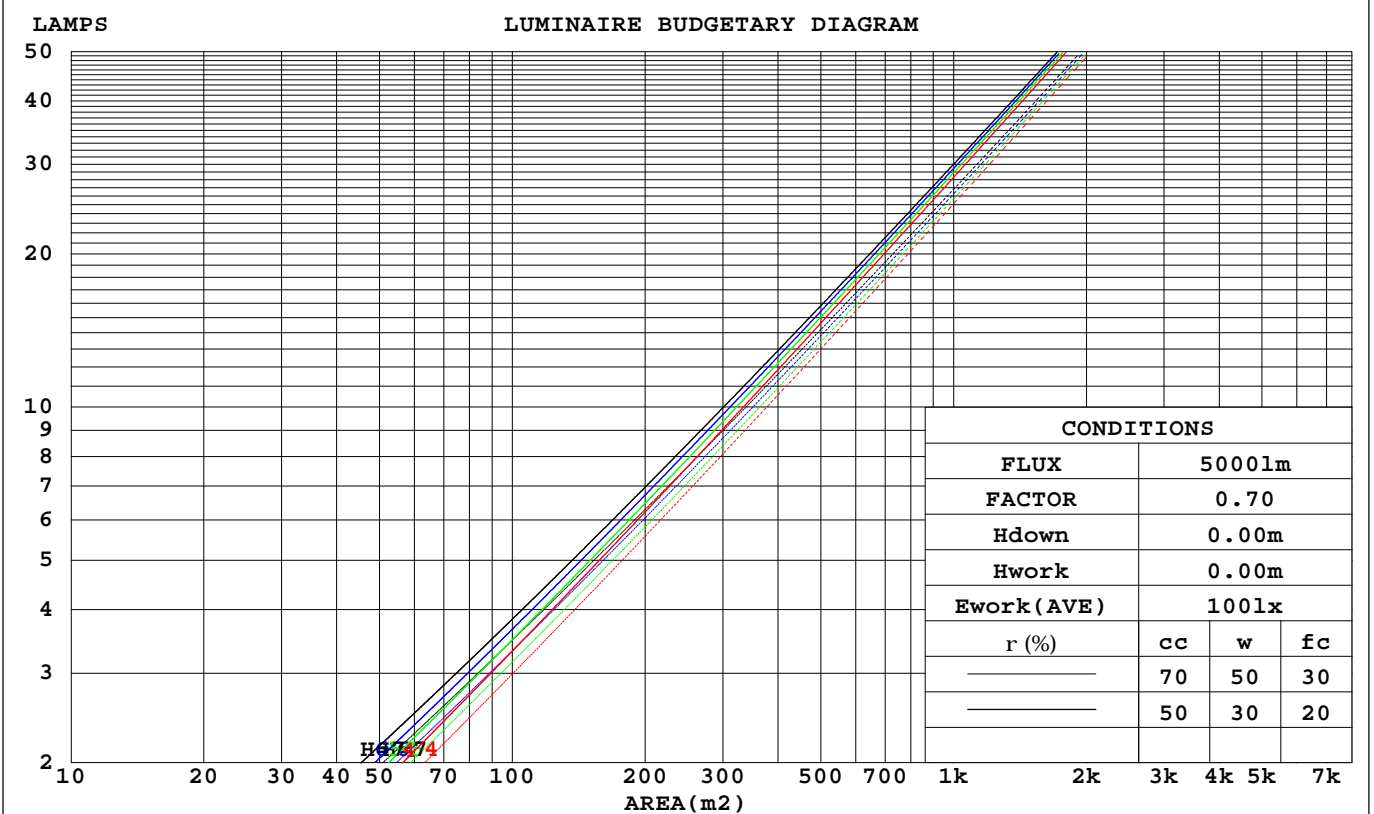
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH05-T11W-5CCT-WH-30°			<b>TYPE:</b>
<b>SPECIFICATION:</b>		<b>CCT(K):</b> 3500	<b>DIMENSION:</b>
			<b>WEIGHT:</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
r <sub>fc</sub>	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.98	.97	.96	.95	.94
2.0	1.05	1.01	.98	1.03	.00	.97	.00	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.99	.95	.92	.98	.94	.91	.95	.92	.89	.93	.90	.88	.90	.88	.86	.85
4.0	.94	.90	.86	.93	.89	.85	.91	.87	.84	.89	.86	.83	.87	.84	.82	.81
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.85	.82	.79	.84	.81	.78	.77
6.0	.86	.81	.77	.85	.80	.77	.83	.79	.76	.82	.78	.76	.81	.78	.75	.74
7.0	.82	.77	.74	.81	.77	.73	.80	.76	.73	.79	.75	.72	.78	.74	.72	.71
8.0	.79	.74	.70	.78	.73	.70	.77	.73	.70	.76	.72	.70	.75	.72	.69	.68
9.0	.76	.71	.68	.75	.71	.67	.74	.70	.67	.73	.69	.67	.72	.69	.67	.65
10.0	.73	.68	.65	.72	.68	.65	.72	.67	.65	.71	.67	.64	.70	.67	.64	.63



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/24

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-TXH05-T11W-5CCT-WH-30°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	CCT(K): 3500	<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	.160	.091	.029	.153	.087	.028	.139	.080	.026	.127	.073	.024	.116	.067	.022	
2.0	.149	.082	.025	.143	.079	.024	.132	.073	.023	.122	.068	.021	.112	.063	.020	
3.0	.140	.074	.022	.135	.072	.022	.125	.068	.021	.116	.064	.020	.108	.060	.019	
4.0	.132	.068	.020	.127	.067	.020	.119	.063	.019	.112	.060	.018	.105	.057	.017	
5.0	.124	.063	.018	.121	.062	.018	.114	.059	.017	.107	.056	.017	.101	.054	.016	
6.0	.118	.059	.017	.115	.058	.017	.109	.056	.016	.103	.053	.016	.097	.051	.015	
7.0	.112	.056	.016	.109	.055	.016	.104	.053	.015	.099	.051	.015	.094	.049	.014	
8.0	.107	.052	.015	.105	.052	.015	.100	.050	.014	.095	.048	.014	.091	.047	.014	
9.0	.103	.050	.014	.100	.049	.014	.096	.047	.013	.092	.046	.013	.088	.045	.013	
10.0	.098	.047	.013	.096	.046	.013	.092	.045	.013	.089	.044	.012	.085	.043	.012	

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	.181	.169	.158	.155	.145	.136	.106	.100	.094	.061	.058	.055	.020	.019	.018	
2.0	.165	.144	.127	.141	.124	.110	.097	.086	.077	.056	.050	.045	.018	.016	.015	
3.0	.151	.125	.104	.130	.108	.091	.089	.075	.063	.051	.044	.037	.017	.014	.012	
4.0	.140	.110	.088	.120	.095	.076	.082	.066	.054	.048	.039	.032	.015	.013	.010	
5.0	.130	.098	.075	.112	.085	.065	.077	.059	.046	.045	.035	.027	.014	.011	.009	
6.0	.122	.089	.065	.105	.077	.056	.072	.054	.040	.042	.032	.024	.014	.010	.008	
7.0	.115	.081	.057	.099	.070	.050	.068	.049	.035	.040	.029	.021	.013	.009	.007	
8.0	.108	.074	.051	.093	.064	.044	.065	.045	.031	.038	.027	.019	.012	.009	.006	
9.0	.103	.069	.046	.089	.060	.040	.062	.042	.028	.036	.025	.017	.012	.008	.006	
10.0	.098	.064	.041	.085	.056	.036	.059	.039	.026	.034	.023	.015	.011	.008	.005	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/24

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-TXH05-T11W-5CCT-WH-30°					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	11.4	12.2	11.7	12.4	12.6	11.4	12.2	11.6	12.4	12.5
3H	11.6	12.3	11.9	12.5	12.8	11.4	12.1	11.7	12.3	12.6
4H	11.8	12.5	12.1	12.7	13.0	11.4	12.1	11.7	12.3	12.6
6H	12.2	12.9	12.5	13.1	13.4	11.4	12.1	11.7	12.3	12.6
8H	12.6	13.2	12.9	13.5	13.7	11.4	12.1	11.8	12.3	12.6
12H	13.1	13.7	13.4	14.0	14.3	11.5	12.1	11.8	12.4	12.7
4H 2H	11.4	12.1	11.7	12.3	12.6	11.4	12.1	11.7	12.3	12.6
3H	11.6	12.2	11.9	12.5	12.8	11.6	12.2	11.9	12.5	12.8
4H	11.8	12.3	12.1	12.6	13.0	11.7	12.3	12.1	12.6	12.9
6H	12.3	12.8	12.7	13.1	13.5	11.9	12.4	12.3	12.8	13.1
8H	12.8	13.2	13.2	13.6	14.0	12.0	12.5	12.5	12.9	13.3
12H	13.5	13.9	14.0	14.3	14.8	12.2	12.6	12.6	13.0	13.4
8H 4H	11.8	12.2	12.2	12.6	13.0	11.8	12.2	12.2	12.6	13.0
6H	12.3	12.7	12.8	13.1	13.6	12.3	12.7	12.8	13.1	13.6
8H	12.9	13.2	13.3	13.6	14.1	12.7	13.0	13.2	13.5	14.0
12H	13.8	14.1	14.3	14.5	15.0	13.1	13.4	13.6	13.9	14.4
12H 4H	11.8	12.2	12.2	12.6	13.0	11.7	12.1	12.2	12.5	12.9
6H	12.4	12.7	12.9	13.2	13.7	12.4	12.7	12.8	13.1	13.6
8H	13.0	13.2	13.5	13.7	14.2	12.9	13.2	13.4	13.7	14.2
Variations with the observer position at spacings:										
S = 1.0H	+ 2.1 / - 1.5					+ 1.0 / - 1.4				
1.5H	+ 3.4 / - 1.8					+ 1.7 / - 1.8				
2.0H	+ 2.5 / - 1.6					+ 1.3 / - 1.7				

CIE Pub.117 Corrected 666.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.4)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/24

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-TXH05-T11W-5CCT-WH-30°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	CCT(K): 3500	<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	88	81	78	87	81	78	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	104	100	97	102	98	96	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	109	106	104	106	104	102	95
4.00	113	111	108	111	109	107	107	105	104	96
5.00	115	112	111	112	110	109	108	107	105	97
<b>ROOM INDEX</b>	<b>UF(total)</b>									<b>Direct</b>
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

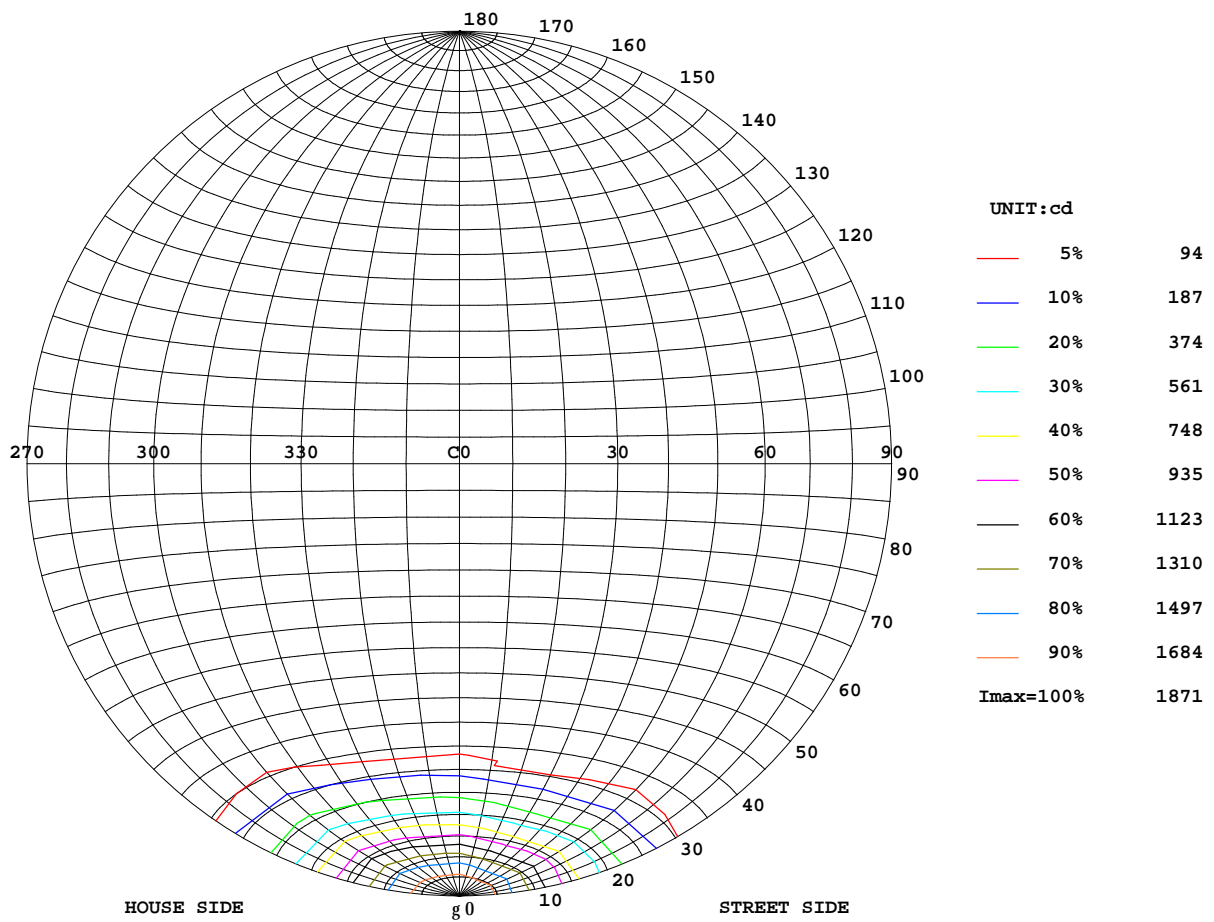
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/24

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-TXH05-T11W-5CCT-WH-30°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K):</b> 3500	<b>DIMENSION:</b>	<b>SERIAL No.:</b>



**Test System:**HOPOO HPG1800  
**Temperature:**25.3DEG  
**Operators:**  
**Test Date:**2024/01/24

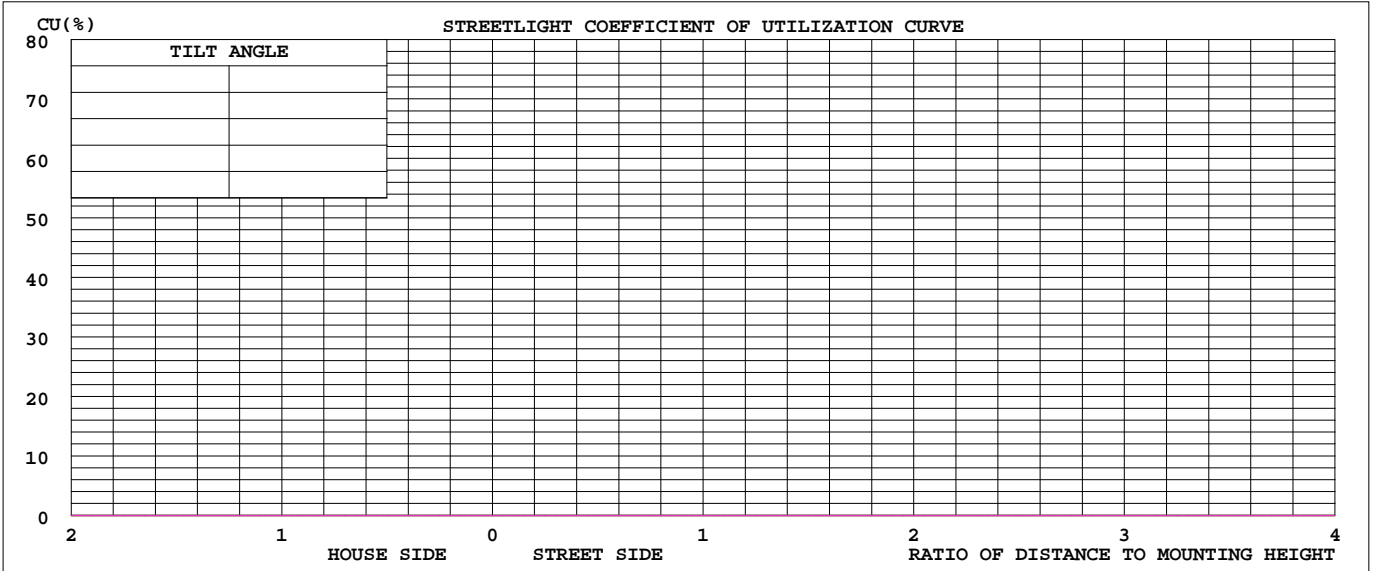
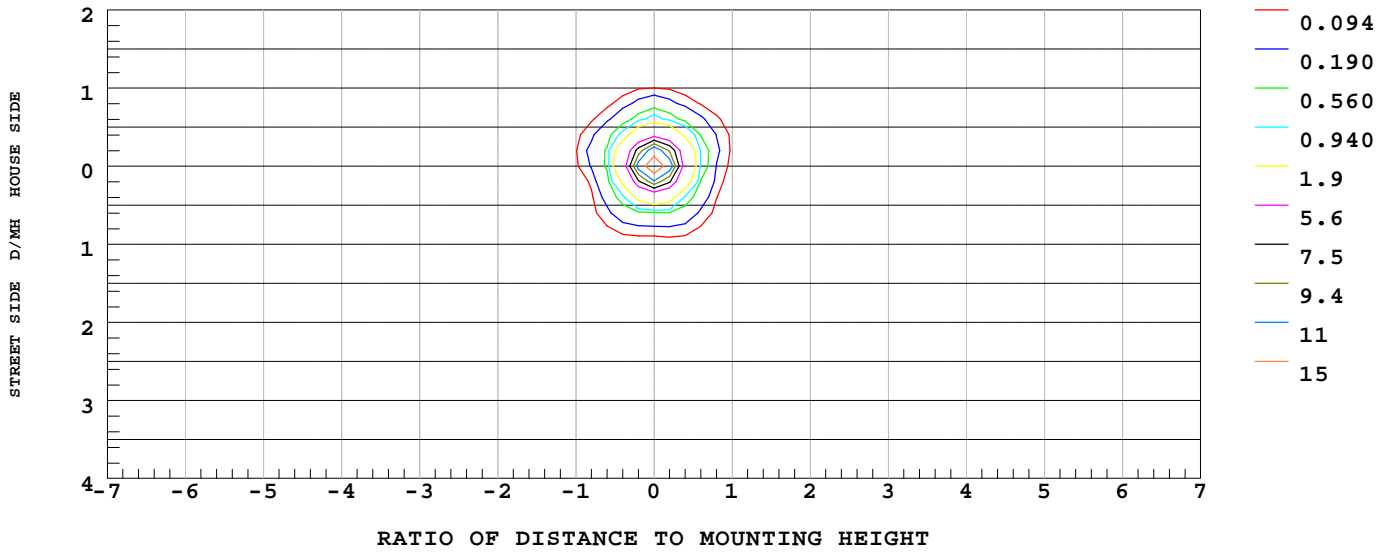
**Test Set:** 5.0deg/s C-Gamma (TYPE C)  
**Humidity:**65.0%  
**Test Distance:**5.900 m  
**Remarks:**

# ISOLUX DIAGRAM

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH05-T11W-5CCT-WH-30°	<b>TYPE:</b>		<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	CCT(K): 3500	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

ILLUMINANCE AT MH=10 m, Enadir = 18.71 lx



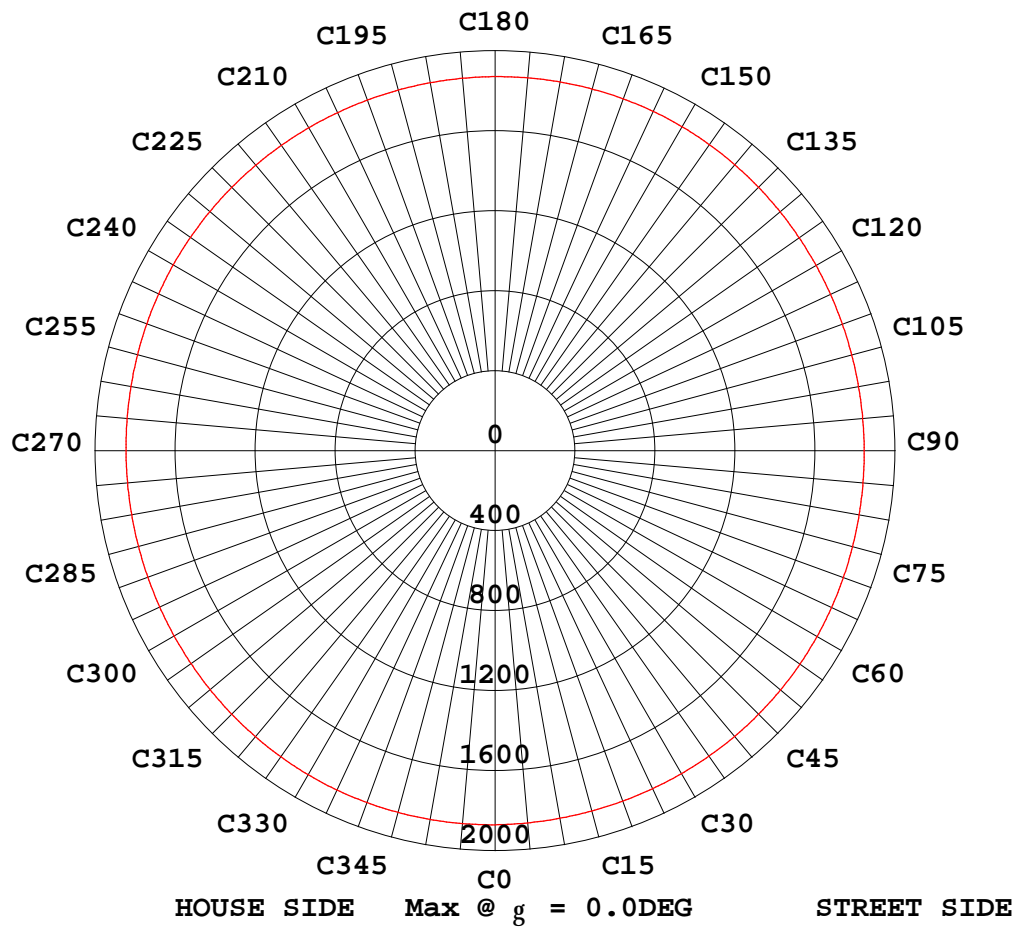
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2024/01/24

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-TXH05-T11W-5CCT-WH-30°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K):</b> 3500	<b>DIMENSION:</b>	<b>SERIAL No.:</b>



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/24

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-TXH05-T11W-5CCT-WH-30°</b>		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K): 3500</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: cd

γ (DEG) \ C (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1871	1864	1859	1846	1853	1871	1871	1864	1859	1846	1853	1871
5.0	1726	1673	1680	1676	1697	1708	1754	1784	1743	1735	1720	1743
10.0	1361	1271	1292	1252	1328	1358	1436	1512	1462	1462	1411	1429
15.0	957	843	870	831	914	943	1023	1118	1060	1069	998	1019
20.0	588	487	516	489	558	577	658	745	697	706	632	644
25.0	319	242	266	244	294	305	372	457	417	425	359	362
30.0	147	98.1	104	98.8	99.8	127	197	236	205	218	160	176
35.0	72.4	47.0	62.1	47.4	68.9	57.4	70.1	108	83.4	103	70.6	84.3
40.0	36.0	25.5	35.9	24.1	38.6	30.2	31.6	56.6	42.6	51.3	36.8	44.9
45.0	20.9	14.7	22.8	13.3	23.4	17.0	16.4	31.4	22.2	26.7	20.7	25.7
50.0	13.2	8.77	14.9	7.83	15.0	10.2	9.29	18.7	11.7	15.4	11.5	16.0
55.0	9.05	5.60	10.3	4.69	10.6	6.61	5.60	12.4	6.61	9.74	6.61	10.9
60.0	6.43	3.37	7.34	2.68	7.62	4.03	3.48	8.80	3.79	6.71	3.75	7.72
65.0	4.62	1.84	5.08	1.32	5.25	2.19	1.94	6.09	2.08	4.80	1.98	5.43
70.0	3.23	0.59	3.13	0.56	3.16	0.59	0.87	4.10	0.63	3.27	0.59	3.58
75.0	2.95	0.59	2.81	0.56	2.81	0.56	0.91	3.13	0.63	2.99	0.63	2.99
80.0	2.71	0.59	2.57	0.56	2.61	0.56	0.91	2.88	0.66	2.78	0.66	2.74
85.0	2.54	0.63	2.40	0.56	2.40	0.59	0.94	2.68	0.70	2.57	0.66	2.57
90.0	2.36	0.63	2.22	0.59	2.26	0.59	0.94	2.50	0.70	2.43	0.66	2.40
95.0	2.22	0.66	2.08	0.59	2.08	0.59	0.97	2.36	0.70	2.26	0.70	2.26
100.0	2.12	0.66	1.98	0.63	1.98	0.63	0.97	2.19	0.73	2.15	0.70	2.12
105.0	1.98	0.70	1.87	0.63	1.87	0.63	1.00	2.08	0.73	2.01	0.70	2.01
110.0	1.91	0.73	1.77	0.66	1.77	0.66	1.00	1.94	0.73	1.91	0.70	1.91
115.0	1.84	0.73	1.70	0.70	1.70	0.70	1.00	1.87	0.73	1.81	0.70	1.81
120.0	1.74	0.77	1.63	0.73	1.63	0.73	1.00	1.77	0.73	1.70	0.70	1.70
125.0	1.70	0.84	1.60	0.77	1.60	0.77	1.07	1.70	0.77	1.63	0.73	1.63
130.0	1.67	0.94	1.60	0.87	1.60	0.84	1.11	1.63	0.80	1.60	0.77	1.60
135.0	1.74	1.07	1.67	0.97	1.60	0.94	1.21	1.63	0.87	1.56	0.87	1.60
140.0	1.84	1.32	1.77	1.21	1.74	1.14	1.39	1.67	1.04	1.63	1.00	1.70
145.0	2.05	1.63	2.01	1.53	1.94	1.46	1.70	1.84	1.28	1.77	1.28	1.87
150.0	2.40	2.08	2.36	1.94	2.26	1.84	2.08	2.12	1.63	2.05	1.63	2.15
155.0	2.85	2.61	2.81	2.47	2.68	2.33	2.57	2.50	2.08	2.43	2.12	2.57
160.0	3.34	3.13	3.30	2.95	3.13	2.85	3.13	2.95	2.64	2.88	2.64	3.06
165.0	3.82	3.58	3.75	3.41	3.55	3.34	3.65	3.48	3.13	3.37	3.13	3.51
170.0	4.21	3.93	4.07	3.79	3.89	3.68	4.10	3.86	3.58	3.82	3.55	3.86
175.0	4.45	4.10	4.24	4.00	4.07	4.10	4.42	4.17	3.86	4.14	3.79	4.10
180.0	4.59	4.35	4.03	4.28	3.89	4.21	4.59	4.35	4.03	4.28	3.89	4.21

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/24

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