

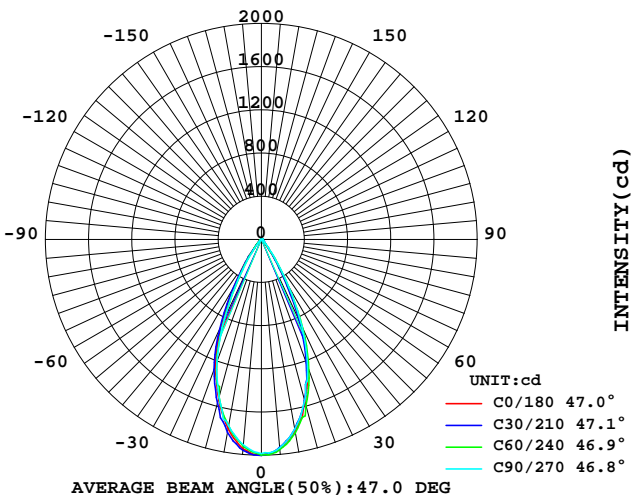
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

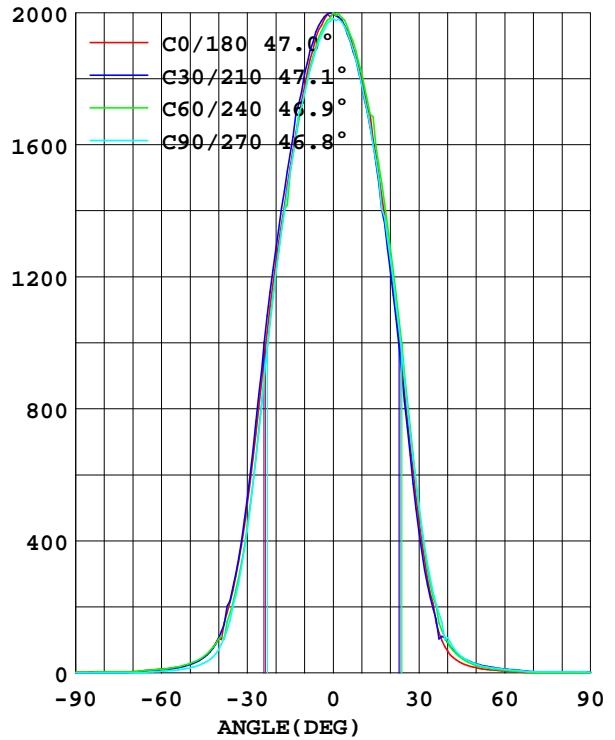
<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH10-T18W-5CCT-WH-45°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K):</b> 4000	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

<b>DATA OF LAMP</b>		<b>Imax(cd)</b>	2000	<b>S/MH(C0/180)</b>	0.73
<b>MODEL</b>		<b>EFFICIENCY(%)</b>	100.0	<b>S/MH(C90/270)</b>	0.71
<b>NOMINAL POWER(W)</b>	18	<b>TOTAL FLUX(lm)</b>	1212.9	<b>Voltage(V)</b>	120.5
<b>RATED VOLTAGE(V)</b>	120	<b>EFFICIENCY(lm/W)</b>	70.7	<b>Current(A)</b>	0.143
<b>NOMINAL FLUX(lm)</b>	1212.9	<b>h up(%)</b>	1.1	<b>Power(W)</b>	17.15
<b>LAMPS QUANTITY</b>	1	<b>h down(%)</b>	98.9	<b>Power Factor(PF)</b>	0.990
<b>TEST VOLTAGE(V)</b>	120.6	<b>Effictive Flux(lm)</b>	1212.9	<b>EEl</b>	0.190

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



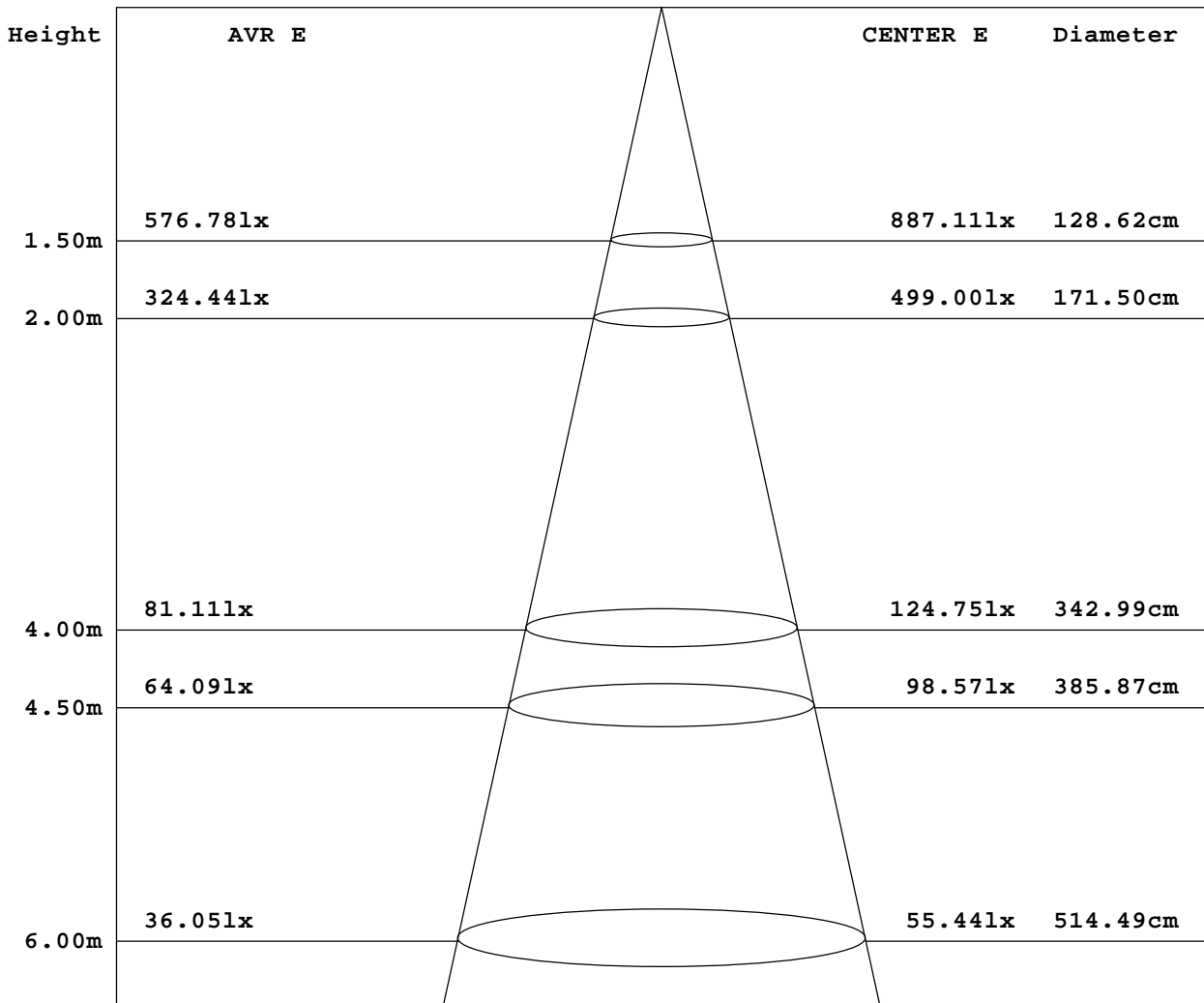
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/25

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-TXH10-T18W-5CCT-WH-45°		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



Angle:46.4deg

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:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH10-T18W-5CCT-WH-45°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	CCT(K): 4000	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tStal
5.0	1948	1943	1910	1927	1947	1945	1939	1922	0- 5	46.90	46.90
10.0	1776	1786	1756	1792	1800	1802	1784	1741	5- 10	132.7	179.6
15.0	1531	1543	1516	1561	1566	1570	1552	1485	10- 15	196.9	376.6
20.0	1242	1246	1208	1255	1244	1253	1255	1184	15- 20	228.1	604.7
25.0	883.0	868.7	807.5	867.8	851.4	864.4	891.5	820.4	20- 25	219.2	823.9
30.0	512.1	486.2	432.9	485.8	462.5	465.4	514.0	470.3	25- 30	166.2	990.2
35.0	250.0	235.5	200.7	224.5	208.5	210.4	242.5	223.2	30- 35	98.81	1089
40.0	105.9	103.5	70.69	98.56	66.06	92.71	106.9	98.21	35- 40	48.42	1138
45.0	49.04	49.63	30.98	48.12	30.04	45.96	48.87	48.66	40- 45	24.60	1162
50.0	27.25	27.11	15.49	25.62	15.56	25.27	26.49	26.45	45- 50	13.50	1176
55.0	16.88	16.18	8.528	15.85	9.642	15.64	16.11	16.30	50- 55	8.302	1184
60.0	11.76	10.35	5.256	10.33	6.126	10.18	10.72	10.84	55- 60	5.611	1190
65.0	8.006	6.718	2.367	6.387	2.854	6.335	7.240	6.700	60- 65	3.823	1193
70.0	3.968	2.958	0.627	2.349	0.975	2.401	3.933	3.063	65- 70	2.115	1195
75.0	3.515	2.053	0.661	2.053	1.009	2.193	3.585	2.210	70- 75	1.190	1197
80.0	3.202	1.897	0.661	1.897	1.044	2.071	3.306	2.071	75- 80	1.107	1198
85.0	2.958	1.792	0.661	1.775	1.044	1.949	3.063	1.949	80- 85	1.057	1199
90.0	2.715	1.688	0.696	1.688	1.079	1.844	2.854	1.844	85- 90	1.005	1200
95.0	2.575	1.601	0.696	1.618	1.079	1.775	2.645	1.775	90- 95	0.959	1201
100.0	2.401	1.549	0.731	1.531	1.113	1.705	2.506	1.705	95-100	0.912	1202
105.0	2.262	1.496	0.766	1.479	1.113	1.636	2.367	1.636	100-105	0.863	1203
110.0	2.158	1.479	0.801	1.444	1.113	1.566	2.227	1.566	105-110	0.815	1203
115.0	2.088	1.444	0.835	1.427	1.148	1.531	2.088	1.514	110-115	0.767	1204
120.0	2.018	1.444	0.905	1.427	1.183	1.496	2.018	1.479	115-120	0.723	1205
125.0	1.984	1.479	1.009	1.462	1.253	1.496	1.949	1.496	120-125	0.688	1206
130.0	2.018	1.583	1.148	1.566	1.427	1.583	1.949	1.566	125-130	0.670	1206
135.0	2.193	1.810	1.462	1.775	1.705	1.792	2.088	1.757	130-135	0.683	1207
140.0	2.506	2.175	1.879	2.106	2.123	2.123	2.332	2.106	135-140	0.728	1208
145.0	2.958	2.662	2.401	2.575	2.645	2.575	2.715	2.558	140-145	0.792	1208
150.0	3.515	3.219	2.993	3.080	3.237	3.115	3.237	3.098	145-150	0.850	1209
155.0	4.072	3.811	3.620	3.655	3.898	3.707	3.759	3.707	150-155	0.873	1210
160.0	4.664	4.420	4.177	4.264	4.560	4.316	4.386	4.299	155-160	0.849	1211
165.0	5.291	4.995	4.803	4.873	5.221	4.925	4.977	4.908	160-165	0.767	1212
170.0	5.848	5.534	5.360	5.395	5.848	5.517	5.569	5.430	165-170	0.622	1212
175.0	6.265	5.917	5.743	5.900	6.265	5.917	5.987	5.795	170-175	0.410	1213
180.0	6.474	5.952	6.161	5.917	6.474	6.039	6.161	5.917	175-180	0.144	1213
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:

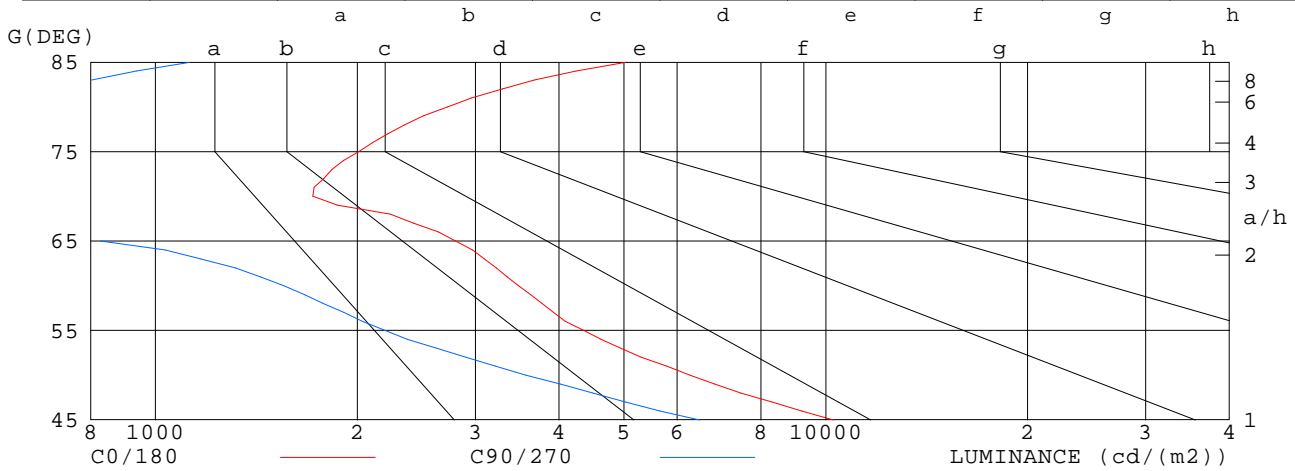
## LUMINANCE LIMITATION CURVES

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME: JXL-TXH10-T18W-5CCT-WH-45°</b>		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K): 4000</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	5022	1123
80	2728	563
75	2009	378
70	1716	271
65	2802	829
60	3481	1555
55	4354	2200
50	6273	3565
45	10261	6481

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

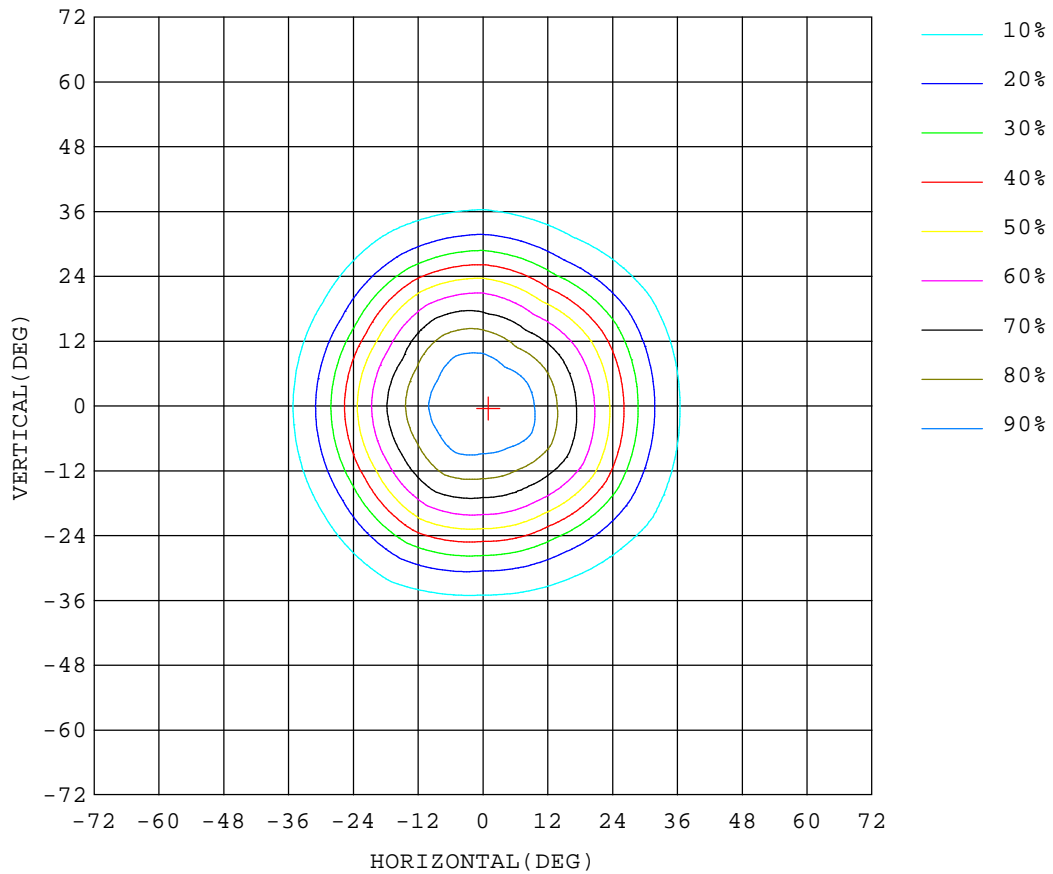
**Test Set:** 5.0deg/s C-Gamma (TYPE C)  
**Humidity:**65.0%  
**Test Distance:**5.900 m  
**Remarks:**

# ISOCANDELA DIAGRAM

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH10-T18W-5CCT-WH-45°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K):</b> 4000	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: cd



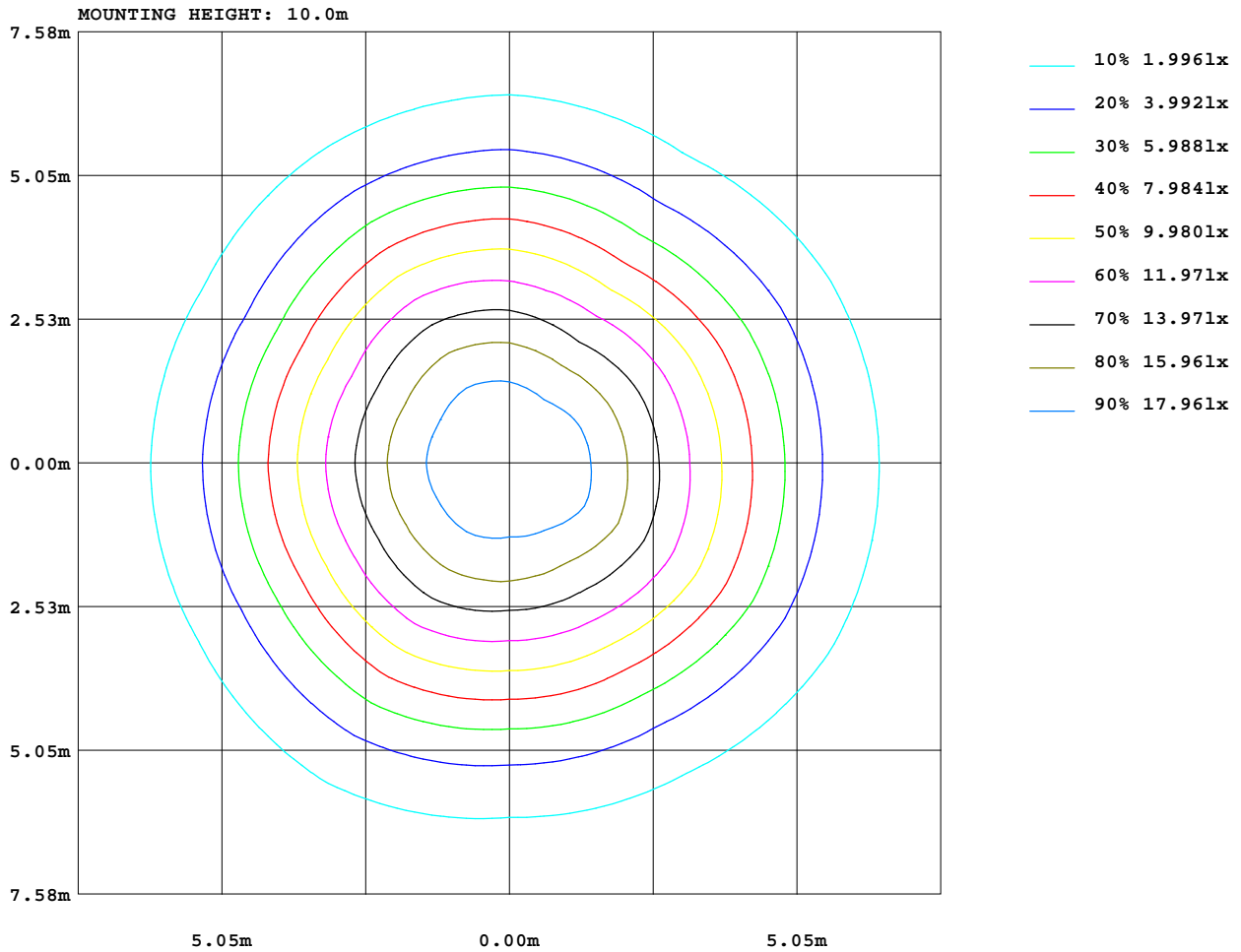
**Test System:**HOPOO HPG1800  
**Temperature:**25.3DEG  
**Operators:**  
**Test Date:**2024/01/25

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

# ISOLUX DIAGRAM

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH10-T18W-5CCT-WH-45°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K):</b> 4000	<b>DIMENSION:</b>	<b>SERIAL No.:</b>



**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:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH10-T18W-5CCT-WH-45°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K):</b> 4000	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	72	64	56	48	40	32	24	16	8	0	8	16	24	32	40	48	56	64	72	
72	0.02	0.03	0.04	0.03	0.03	0.02	0.05	0.07	0.09	0.09	0.07	0.04	0.02	0.03	0.03	0.04	0.03	0.02	0.75	0.75
64	0.02	0.03	0.04	0.05	0.08	0.10	0.13	0.17	0.20	0.20	0.17	0.13	0.09	0.08	0.06	0.05	0.03	0.02	1.65	1.65
56	0.02	0.03	0.07	0.11	0.15	0.20	0.27	0.35	0.41	0.41	0.35	0.26	0.20	0.16	0.12	0.08	0.04	0.03	3.26	3.26
48	0.02	0.04	0.11	0.18	0.27	0.40	0.61	0.90	1.13	1.12	0.87	0.58	0.40	0.28	0.20	0.13	0.06	0.03	7.32	7.32
40	0.02	0.05	0.14	0.26	0.47	0.89	1.68	2.95	4.00	3.90	2.72	1.56	0.92	0.51	0.29	0.16	0.08	0.03	20.6	20.6
32	0.02	0.06	0.16	0.36	0.84	1.97	4.99	9.41	12.3	11.8	8.41	4.78	2.20	0.98	0.42	0.20	0.10	0.03	59.2	59.2
24	0.02	0.07	0.18	0.46	1.31	4.21	11.2	19.6	23.7	22.7	17.5	11.1	5.09	1.69	0.58	0.23	0.11	0.04	120	120
16	0.02	0.07	0.18	0.53	1.98	7.51	17.7	27.4	32.5	31.2	25.9	17.9	8.58	2.65	0.75	0.26	0.12	0.04	176	176
8	0.01	0.07	0.17	0.55	2.62	10.1	21.8	31.5	37.1	36.6	31.0	21.8	10.9	3.39	0.86	0.28	0.12	0.04	209	209
0	0.01	0.06	0.16	0.53	2.65	10.2	21.8	31.6	36.8	36.9	31.6	22.2	11.0	3.42	0.84	0.27	0.11	0.04	211	211
-8	0.01	0.06	0.16	0.49	2.02	7.81	17.9	27.3	32.1	31.4	27.1	19.0	8.88	2.70	0.71	0.25	0.11	0.04	178	178
-16	0.01	0.05	0.14	0.39	1.26	4.51	11.5	19.4	23.0	22.5	18.3	11.7	5.32	1.66	0.52	0.20	0.09	0.03	121	121
-24	0.01	0.04	0.12	0.28	0.75	2.08	5.29	9.32	11.3	10.9	8.32	5.01	2.31	0.88	0.35	0.16	0.07	0.03	57.3	57.3
-32	0.01	0.03	0.09	0.20	0.43	0.98	1.92	2.90	3.40	3.28	2.62	1.74	0.98	0.48	0.23	0.12	0.06	0.02	19.5	19.5
-40	0.01	0.01	0.06	0.14	0.26	0.47	0.74	0.88	0.84	0.82	0.82	0.70	0.47	0.27	0.15	0.08	0.03	0.02	6.77	6.77
-48	0.01	0.01	0.03	0.09	0.17	0.27	0.33	0.33	0.28	0.28	0.32	0.31	0.25	0.17	0.10	0.05	0.02	0.01	3.01	3.01
-56	0.01	0.01	0.01	0.04	0.10	0.16	0.17	0.16	0.12	0.12	0.15	0.16	0.15	0.10	0.05	0.02	0.01	0.01	1.54	1.54
-64	0.01	0.01	0.01	0.03	0.05	0.07	0.07	0.06	0.03	0.03	0.05	0.07	0.07	0.05	0.03	0.01	0.01	0.01	0.66	0.66
-72	0.01	0.01	0.01	0.03	0.05	0.07	0.07	0.06	0.03	0.03	0.05	0.07	0.07	0.05	0.03	0.01	0.01	0.01	0.66	0.66
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL( DEG)	16	24	32	40	48	56	64	72			
Φ t	0.22	0.74	1.86	4.72	15.4	52.0	119	185	220	215	177	119	57.9	19.5	6.29	2.58	1.19	0.49	1213	
Φ a	0.22	0.74	1.86	4.72	15.4	52.0	119	185	220	215	177	119	57.9	19.5	6.29	2.58	1.19	0.49		1213

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

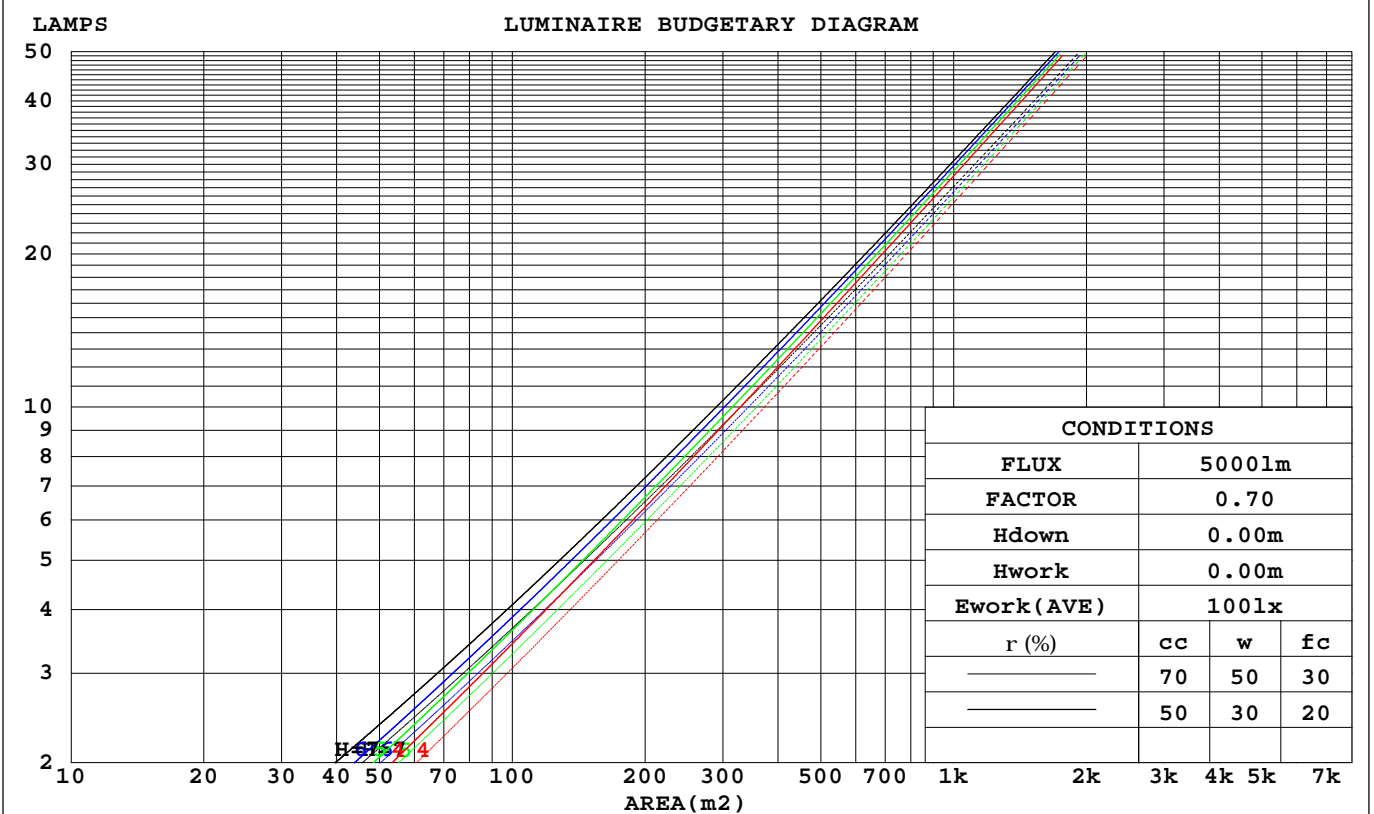
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH10-T18W-5CCT-WH-45°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	CCT(K): 4000		<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	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.11	1.09	1.06	1.09	1.07	1.05	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.93	.91	.93	.91	.89	.88
3.0	.98	.93	.89	.96	.92	.89	.93	.90	.87	.91	.88	.86	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.82	.89	.85	.81	.86	.83	.80	.85	.82	.79	.78
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.76	.82	.79	.76	.81	.78	.75	.74
6.0	.82	.77	.73	.81	.76	.73	.80	.75	.72	.78	.74	.71	.77	.74	.71	.70
7.0	.78	.73	.69	.77	.72	.69	.76	.71	.68	.75	.71	.68	.74	.70	.67	.66
8.0	.74	.69	.65	.74	.68	.65	.72	.68	.65	.71	.67	.64	.70	.67	.64	.63
9.0	.71	.65	.62	.70	.65	.62	.69	.65	.61	.68	.64	.61	.67	.64	.61	.60
10.0	.67	.62	.59	.67	.62	.59	.66	.62	.58	.65	.61	.58	.65	.61	.58	.57



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:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH10-T18W-5CCT-WH-45°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	CCT(K): 4000	<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	.169	.096	.030	.162	.092	.029	.149	.085	.027	.137	.079	.025	.126	.073	.023	
2.0	.160	.088	.027	.154	.085	.026	.143	.079	.025	.133	.074	.023	.123	.070	.022	
3.0	.151	.080	.024	.146	.078	.024	.137	.074	.023	.128	.070	.022	.120	.066	.021	
4.0	.143	.074	.022	.139	.073	.021	.131	.069	.021	.123	.066	.020	.116	.063	.019	
5.0	.136	.069	.020	.132	.068	.020	.125	.065	.019	.119	.063	.019	.112	.060	.018	
6.0	.130	.065	.019	.126	.064	.018	.120	.062	.018	.114	.059	.017	.109	.057	.017	
7.0	.124	.061	.017	.121	.060	.017	.115	.058	.017	.110	.056	.016	.105	.055	.016	
8.0	.118	.058	.016	.116	.057	.016	.111	.055	.016	.106	.054	.016	.102	.052	.015	
9.0	.113	.055	.015	.111	.054	.015	.107	.053	.015	.103	.051	.015	.099	.050	.014	
10.0	.109	.052	.014	.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
<b>RCR</b>	<b>RCR:Room Cavity Ratio</b>						<b>Ceiling Cavity Exitance Coefficients(CCEC)</b>									
0.0	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.179	.166	.154	.153	.142	.132	.105	.098	.092	.060	.057	.053	.019	.018	.017	
2.0	.163	.141	.122	.140	.121	.106	.096	.084	.074	.055	.049	.043	.018	.016	.014	
3.0	.150	.122	.100	.129	.105	.086	.088	.073	.061	.051	.043	.036	.016	.014	.012	
4.0	.139	.107	.083	.119	.093	.072	.082	.064	.050	.048	.038	.030	.015	.012	.010	
5.0	.130	.095	.070	.112	.082	.061	.077	.058	.043	.045	.034	.025	.014	.011	.008	
6.0	.122	.086	.060	.105	.074	.052	.073	.052	.037	.042	.031	.022	.014	.010	.007	
7.0	.116	.078	.052	.099	.068	.045	.069	.048	.032	.040	.028	.019	.013	.009	.006	
8.0	.110	.072	.046	.094	.062	.040	.065	.044	.028	.038	.026	.017	.012	.008	.006	
9.0	.105	.067	.041	.090	.058	.036	.062	.041	.025	.036	.024	.015	.012	.008	.005	
10.0	.100	.062	.037	.086	.054	.032	.060	.038	.023	.035	.022	.014	.011	.007	.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-TXH10-T18W-5CCT-WH-45°						TYPE:			WEIGHT:	
SPECIFICATION:			CCT(K): 4000			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	15.9	16.8	16.2	17.0	17.2	14.7	15.6	14.9	15.7	15.9
3H	15.9	16.6	16.1	16.9	17.1	14.6	15.3	14.8	15.6	15.8
4H	15.8	16.5	16.1	16.8	17.0	14.5	15.2	14.8	15.5	15.7
6H	15.8	16.5	16.1	16.7	17.0	14.4	15.1	14.7	15.4	15.6
8H	15.8	16.5	16.1	16.7	17.0	14.4	15.0	14.7	15.3	15.6
12H	15.8	16.5	16.2	16.8	17.0	14.3	15.0	14.7	15.3	15.6
4H 2H	15.8	16.5	16.0	16.7	17.0	14.5	15.3	14.8	15.5	15.8
3H	15.6	16.3	16.0	16.6	16.9	14.4	15.1	14.7	15.3	15.6
4H	15.6	16.2	16.0	16.5	16.8	14.4	14.9	14.7	15.3	15.6
6H	15.6	16.1	16.0	16.4	16.8	14.3	14.8	14.7	15.2	15.5
8H	15.6	16.1	16.0	16.5	16.8	14.3	14.8	14.7	15.1	15.5
12H	15.7	16.1	16.1	16.5	16.9	14.3	14.7	14.7	15.1	15.5
8H 4H	15.5	15.9	15.9	16.3	16.7	14.2	14.7	14.7	15.1	15.5
6H	15.4	15.8	15.9	16.2	16.7	14.3	14.7	14.7	15.1	15.5
8H	15.5	15.8	15.9	16.3	16.7	14.3	14.7	14.8	15.1	15.6
12H	15.6	15.9	16.1	16.4	16.9	14.4	14.7	14.9	15.1	15.6
12H 4H	15.4	15.9	15.8	16.2	16.7	14.2	14.6	14.6	15.0	15.4
6H	15.4	15.8	15.9	16.2	16.7	14.2	14.6	14.7	15.0	15.5
8H	15.4	15.7	15.9	16.2	16.7	14.3	14.6	14.8	15.1	15.6
Variations with the observer position at spacings:										
S = 1.0H	+ 3.4 / - 4.5					+ 2.3 / - 4.3				
1.5H	+ 5.3 / - 4.2					+ 4.0 / - 4.3				
2.0H	+ 3.6 / - 2.6					+ 2.7 / - 2.9				

CIE Pub.117 Corrected 1213 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.7)

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:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH10-T18W-5CCT-WH-45°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	CCT(K): 4000	<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	86	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	95	102	97	94	100	96	93	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	112	108	105	110	107	104	106	104	102	95
4.00	114	111	109	111	109	107	108	106	104	97
5.00	115	113	111	113	111	109	108	107	106	98
<b>ROOM INDEX</b>	<b>UF(total)</b>									<b>Direct</b>
According to DIN EN 13032-2 2004			Suspended				SHR NOM = 1.25			

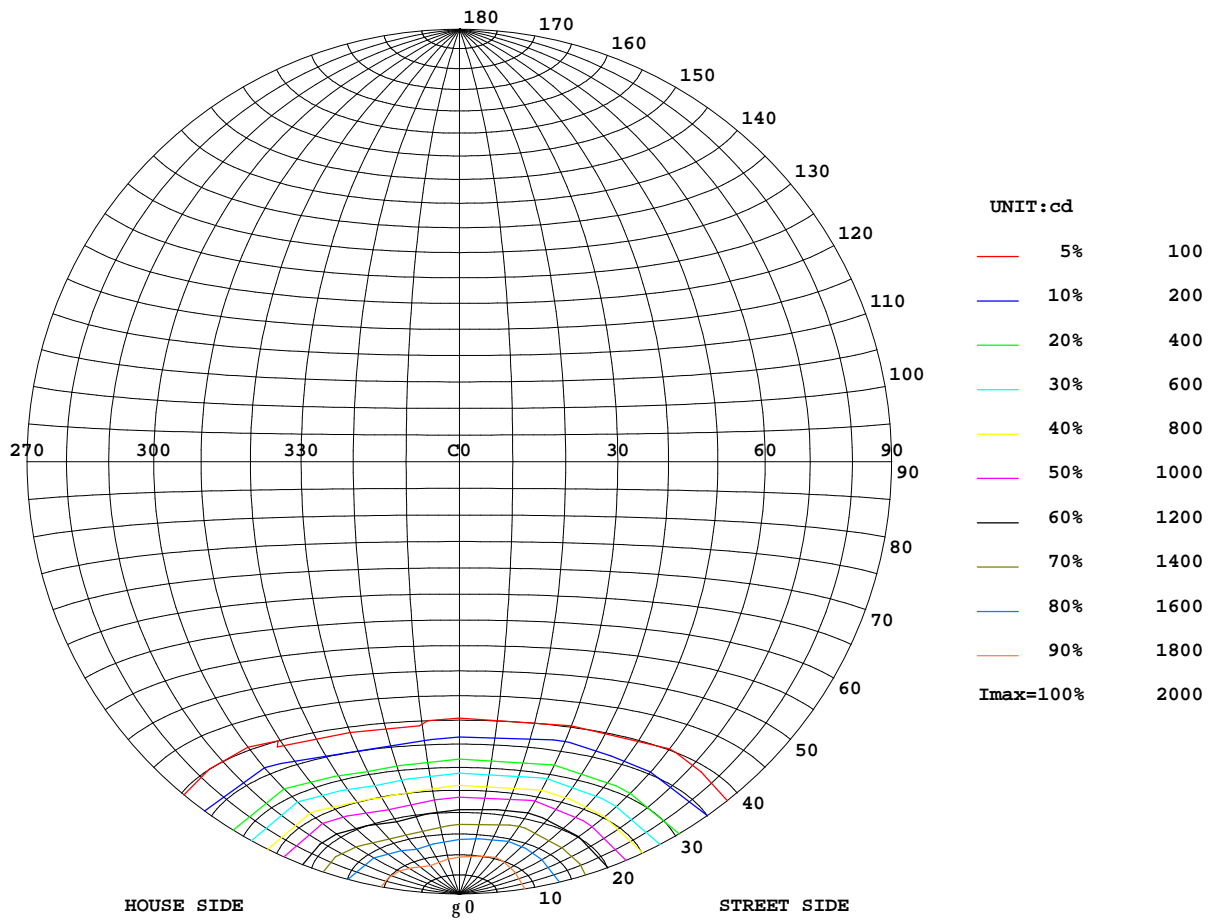
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2024/01/25

Test Set: 5.0 deg/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-TXH10-T18W-5CCT-WH-45°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K):</b> 4000	<b>DIMENSION:</b>	<b>SERIAL No.:</b>



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

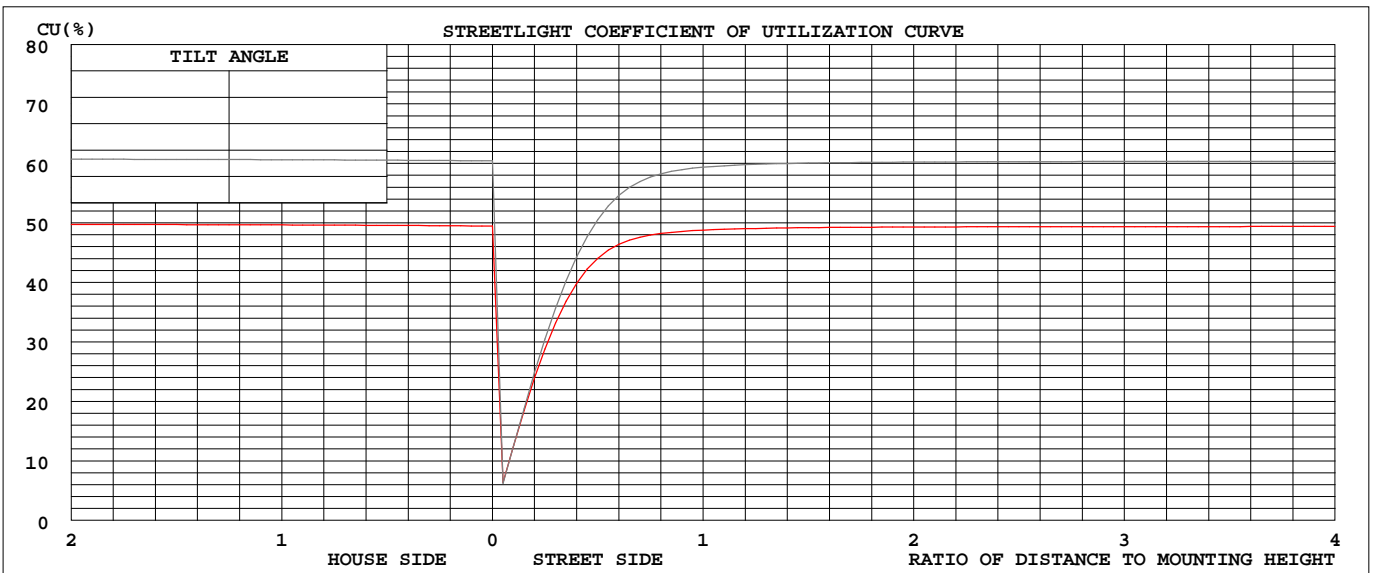
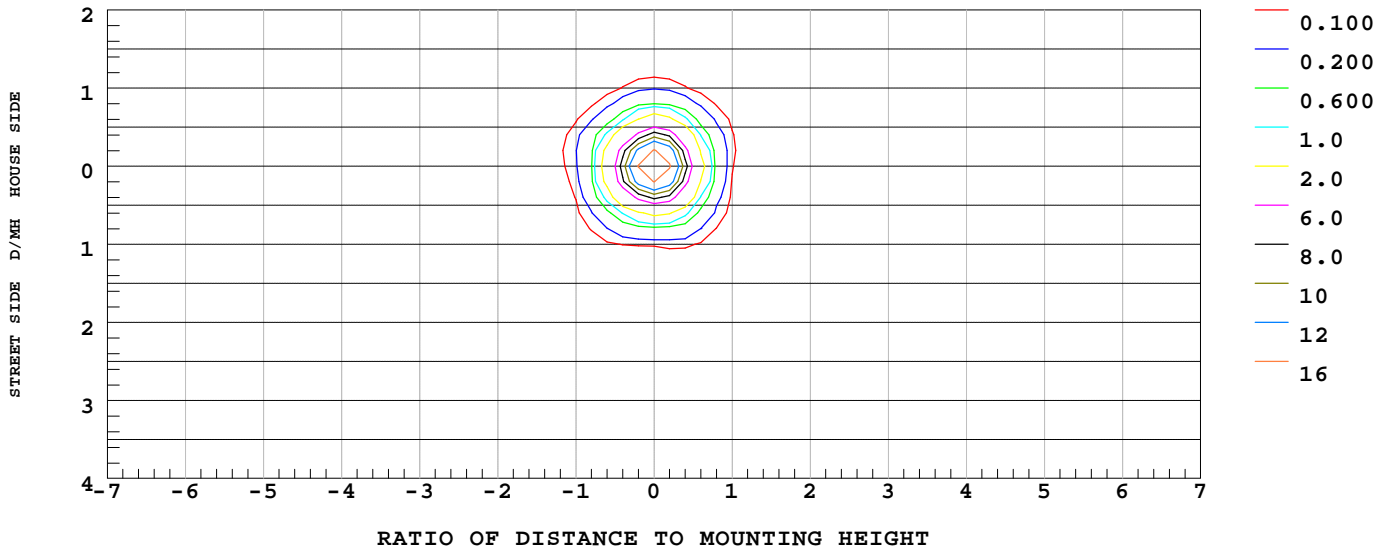
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

# ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-TXH10-T18W-5CCT-WH-45°		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 19.96 lx



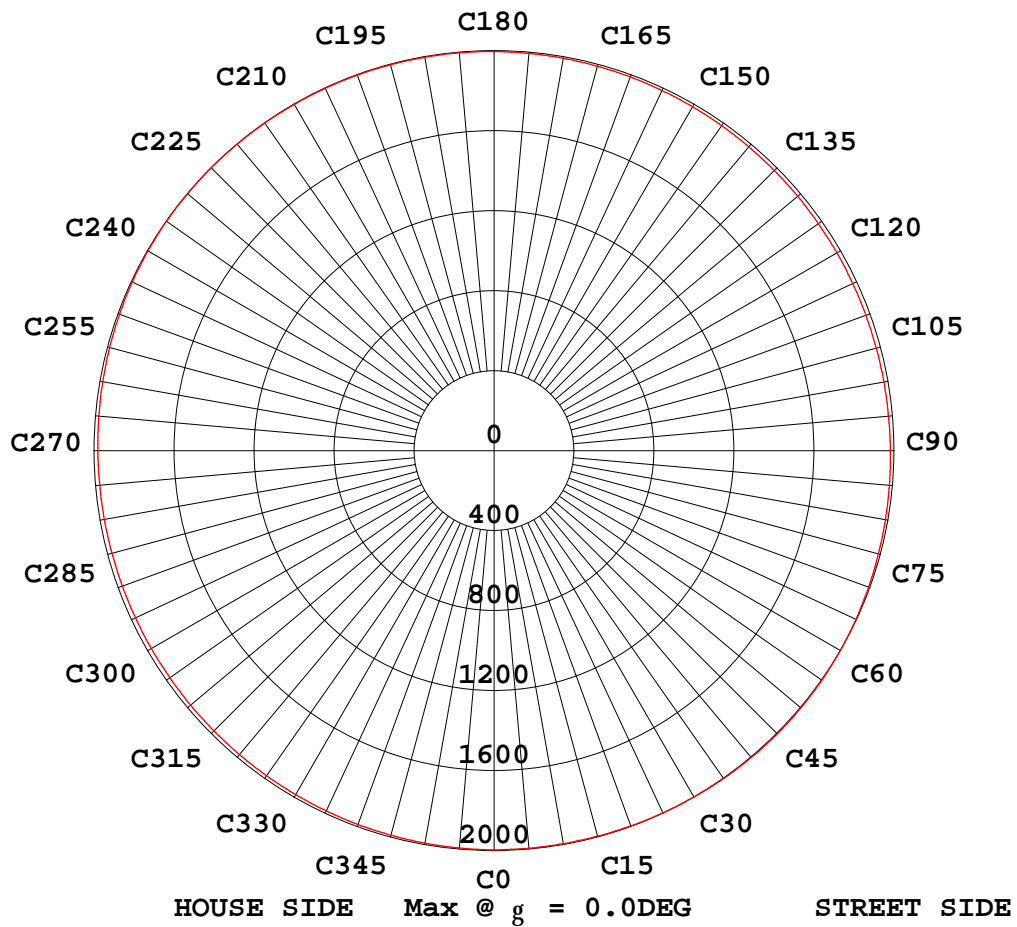
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/25

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-TXH10-T18W-5CCT-WH-45°		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	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:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME: JXL-TXH10-T18W-5CCT-WH-45°</b>		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K): 4000</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1996	2000	1999	1982	1980	1986	1996	2000	1999	1982	1980	1986
5.0	1948	1961	1925	1910	1927	1927	1947	1934	1956	1939	1912	1933
10.0	1776	1815	1756	1756	1799	1785	1800	1784	1819	1784	1721	1761
15.0	1531	1571	1514	1516	1577	1545	1566	1545	1595	1552	1459	1511
20.0	1242	1282	1210	1208	1283	1227	1244	1218	1287	1255	1150	1218
25.0	883	918	820	808	896	839	851	822	907	892	783	858
30.0	512	528	444	433	514	457	463	430	501	514	437	504
35.0	250	259	212	201	244	205	209	193	228	243	200	246
40.0	106	104	103	70.6	113	83.9	66.0	91.9	93.4	107	84.5	112
45.0	49.0	47.7	51.5	30.9	56.5	39.7	30.0	47.6	44.2	48.8	41.3	55.9
50.0	27.2	25.4	28.8	15.4	30.1	21.0	15.5	27.7	22.8	26.4	21.9	30.9
55.0	16.8	14.7	17.5	8.52	19.0	12.6	9.64	18.1	13.1	16.1	12.7	19.8
60.0	11.7	9.15	11.5	5.25	12.9	7.69	6.12	12.4	7.93	10.7	7.72	13.9
65.0	8.00	5.49	7.93	2.36	8.66	4.10	2.85	8.14	4.52	7.24	3.89	9.50
70.0	3.96	2.08	3.82	0.63	4.00	0.70	0.97	4.00	0.80	3.93	0.77	5.36
75.0	3.51	0.70	3.41	0.66	3.44	0.66	1.00	3.55	0.84	3.58	0.80	3.62
80.0	3.20	0.70	3.09	0.66	3.13	0.66	1.04	3.27	0.87	3.30	0.84	3.30
85.0	2.95	0.73	2.85	0.66	2.85	0.70	1.04	3.02	0.87	3.06	0.84	3.06
90.0	2.71	0.73	2.64	0.70	2.68	0.70	1.07	2.81	0.87	2.85	0.84	2.85
95.0	2.57	0.73	2.47	0.70	2.50	0.73	1.07	2.64	0.91	2.64	0.87	2.68
100.0	2.40	0.77	2.33	0.73	2.33	0.73	1.11	2.50	0.91	2.50	0.87	2.54
105.0	2.26	0.80	2.19	0.77	2.19	0.77	1.11	2.36	0.91	2.36	0.91	2.36
110.0	2.15	0.84	2.12	0.80	2.08	0.80	1.11	2.22	0.91	2.22	0.91	2.22
115.0	2.08	0.87	2.01	0.84	2.01	0.84	1.14	2.12	0.94	2.08	0.91	2.12
120.0	2.01	0.94	1.94	0.91	1.94	0.91	1.18	2.01	0.97	2.01	0.94	2.01
125.0	1.98	1.00	1.94	1.00	1.91	1.00	1.25	1.98	1.00	1.94	1.00	1.98
130.0	2.01	1.14	2.01	1.14	1.94	1.18	1.42	2.01	1.14	1.94	1.14	1.98
135.0	2.19	1.42	2.19	1.46	2.08	1.46	1.70	2.19	1.39	2.08	1.39	2.12
140.0	2.50	1.84	2.50	1.87	2.36	1.84	2.12	2.50	1.74	2.33	1.81	2.40
145.0	2.95	2.36	2.95	2.40	2.78	2.36	2.64	2.92	2.22	2.71	2.29	2.81
150.0	3.51	2.95	3.48	2.99	3.23	2.92	3.23	3.44	2.78	3.23	2.88	3.30
155.0	4.07	3.58	4.03	3.62	3.75	3.55	3.89	4.00	3.41	3.75	3.51	3.89
160.0	4.66	4.21	4.62	4.17	4.31	4.21	4.56	4.59	4.03	4.38	4.14	4.45
165.0	5.29	4.80	5.18	4.80	4.90	4.83	5.22	5.18	4.66	4.97	4.76	5.04
170.0	5.84	5.39	5.67	5.36	5.43	5.36	5.84	5.77	5.25	5.56	5.29	5.56
175.0	6.26	5.81	6.02	5.74	5.84	5.95	6.26	6.16	5.67	5.98	5.63	5.95
180.0	6.47	6.05	5.84	6.16	5.70	6.12	6.47	6.23	5.84	6.16	5.70	6.12

**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:**