

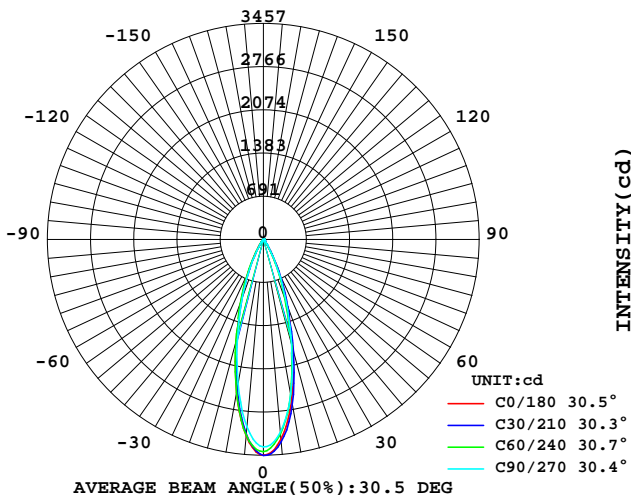
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

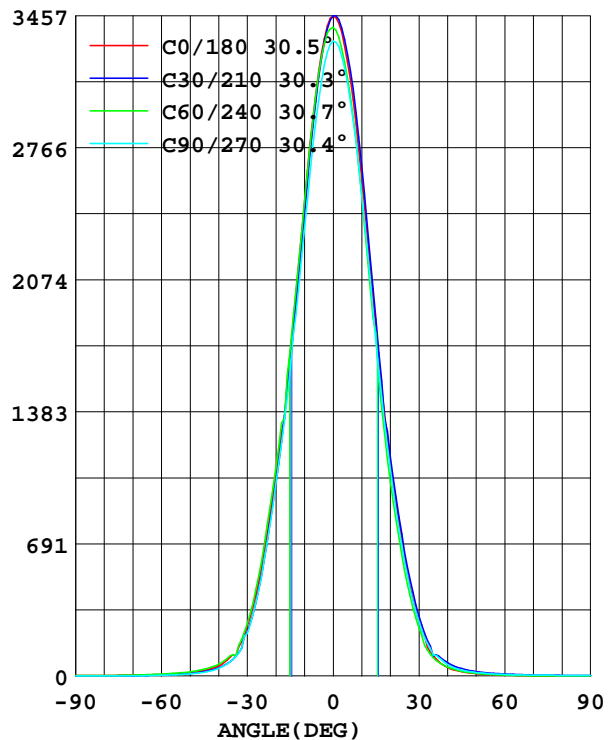
MANUFACTURER:			
Address:			
NAME: JXL-TXH10-T18W-5CCT-WH-30°		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	3457	S/MH(C0/180)	0.49
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.49
NOMINAL POWER(W)	18	TOTAL FLUX(lm)	1146.1	Voltage(V)	120.4
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	65.3	Current(A)	0.147
NOMINAL FLUX(lm)	1146.1	h up(%)	1.1	Power(W)	17.54
LAMPS QUANTITY	1	h down(%)	98.9	Power Factor(PF)	0.991
TEST VOLTAGE(V)	120.4	Effective Flux(lm)	1146.1	EET	0.204

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



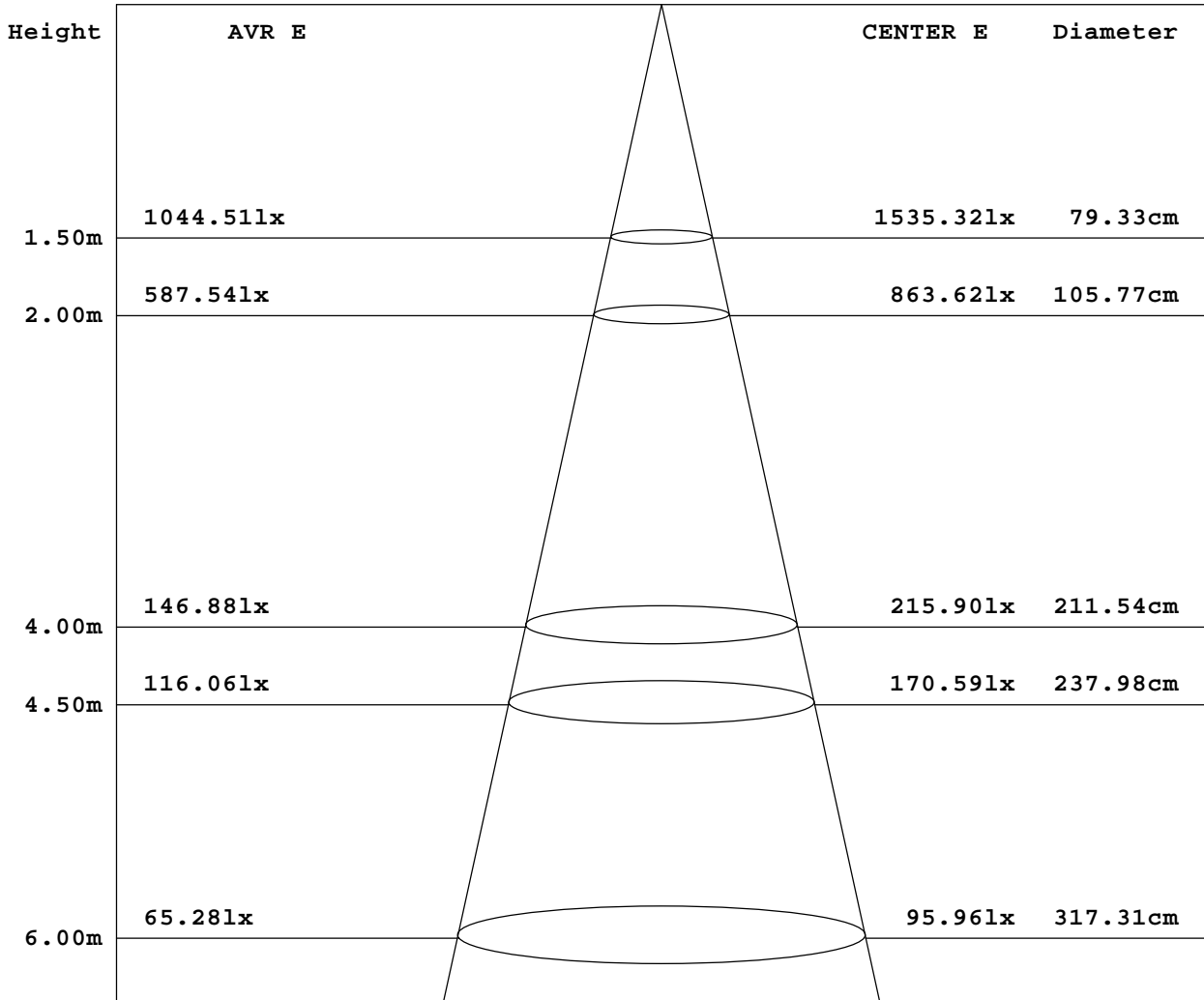
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/25

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



Angle: 29.6deg

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-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	z0ne	t0tal
5.0	3162	3143	3014	3078	3214	3193	3108	3078	0- 5	77.74	77.74
10.0	2482	2456	2345	2456	2616	2603	2522	2447	5- 10	199.9	277.6
15.0	1690	1668	1601	1718	1822	1830	1746	1713	10- 15	246.5	524.2
20.0	1050	1045	1003	1084	1114	1081	1080	1007	15- 20	222.5	746.7
25.0	573.0	567.5	522.9	600.2	617.2	601.9	599.3	537.9	20- 25	167.2	914.0
30.0	259.9	251.3	223.8	273.0	281.5	284.6	284.3	245.7	25- 30	102.0	1016
35.0	110.7	99.20	86.78	109.9	106.4	99.83	109.0	103.2	30- 35	49.70	1066
40.0	52.31	51.65	39.16	56.21	45.00	58.20	59.42	51.48	35- 40	25.29	1091
45.0	29.03	29.11	19.98	30.35	22.59	31.62	31.01	28.45	40- 45	14.40	1105
50.0	17.82	17.49	10.96	17.75	12.25	18.22	18.37	16.81	45- 50	8.832	1114
55.0	11.83	11.45	6.509	11.50	7.344	11.43	11.59	10.80	50- 55	5.790	1120
60.0	8.319	7.640	3.794	7.762	4.734	7.536	7.832	7.362	55- 60	4.037	1124
65.0	5.848	4.943	1.810	4.908	2.680	5.064	5.639	4.681	60- 65	2.814	1127
70.0	3.689	2.262	0.696	2.367	1.009	2.854	3.759	2.401	65- 70	1.732	1129
75.0	3.376	2.018	0.696	2.001	1.044	2.227	3.481	2.158	70- 75	1.152	1130
80.0	3.098	1.914	0.696	1.862	1.079	2.123	3.237	2.053	75- 80	1.098	1131
85.0	2.889	1.792	0.696	1.740	1.079	2.036	2.993	1.931	80- 85	1.055	1132
90.0	2.680	1.705	0.731	1.670	1.113	1.931	2.819	1.862	85- 90	1.011	1133
95.0	2.506	1.618	0.731	1.618	1.148	1.844	2.680	1.775	90- 95	0.966	1134
100.0	2.367	1.566	0.766	1.549	1.148	1.757	2.541	1.705	95-100	0.924	1135
105.0	2.262	1.531	0.801	1.496	1.148	1.688	2.367	1.636	100-105	0.874	1136
110.0	2.158	1.496	0.835	1.462	1.148	1.618	2.262	1.583	105-110	0.826	1137
115.0	2.088	1.462	0.870	1.427	1.183	1.566	2.123	1.496	110-115	0.776	1137
120.0	1.984	1.444	0.905	1.409	1.183	1.514	2.018	1.462	115-120	0.726	1138
125.0	1.949	1.462	0.975	1.427	1.218	1.479	1.914	1.427	120-125	0.682	1139
130.0	1.949	1.514	1.079	1.479	1.322	1.496	1.879	1.479	125-130	0.646	1139
135.0	2.053	1.670	1.287	1.601	1.496	1.601	1.914	1.583	130-135	0.631	1140
140.0	2.297	1.931	1.601	1.827	1.810	1.827	2.053	1.827	135-140	0.646	1141
145.0	2.715	2.401	2.123	2.280	2.297	2.245	2.401	2.262	140-145	0.696	1141
150.0	3.341	3.098	2.819	2.889	2.993	2.854	2.924	2.871	145-150	0.770	1142
155.0	4.142	3.933	3.689	3.689	3.863	3.637	3.655	3.672	150-155	0.846	1143
160.0	5.047	4.821	4.594	4.560	4.838	4.525	4.490	4.542	155-160	0.880	1144
165.0	5.952	5.639	5.395	5.378	5.743	5.430	5.395	5.395	160-165	0.837	1145
170.0	6.648	6.283	6.022	6.004	6.509	6.161	6.161	6.074	165-170	0.694	1145
175.0	7.101	6.648	6.439	6.579	7.066	6.631	6.683	6.492	170-175	0.459	1146
180.0	7.310	6.805	6.857	6.596	7.310	6.805	6.857	6.596	175-180	0.161	1146
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:

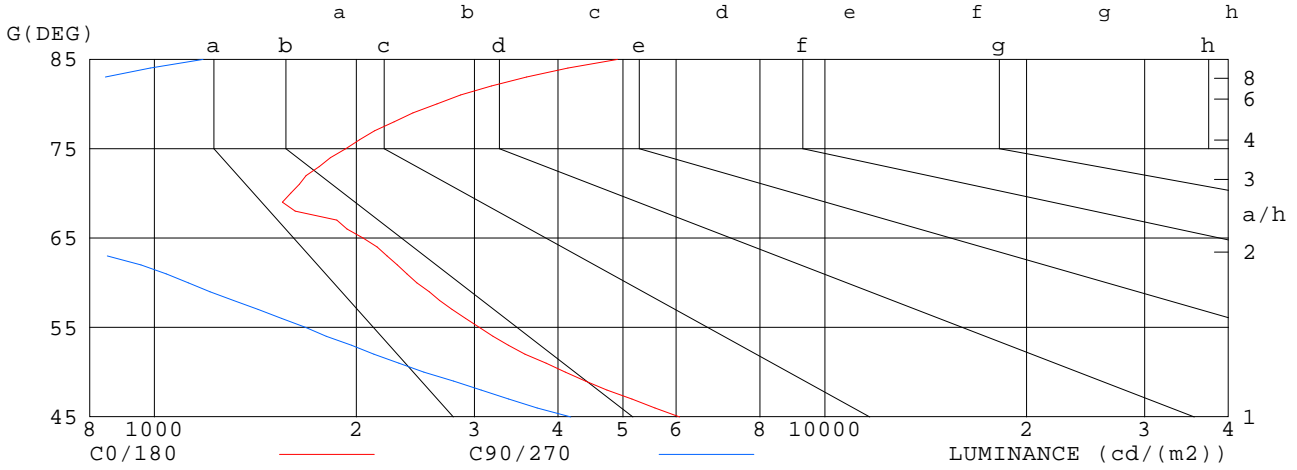
## LUMINANCE LIMITATION CURVES

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH10-T18W-5CCT-WH-30°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K):</b> 3500	<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	4904	1182
80	2639	593
75	1930	398
70	1596	301
65	2047	634
60	2461	1123
55	3052	1679
50	4102	2523
45	6073	4180

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

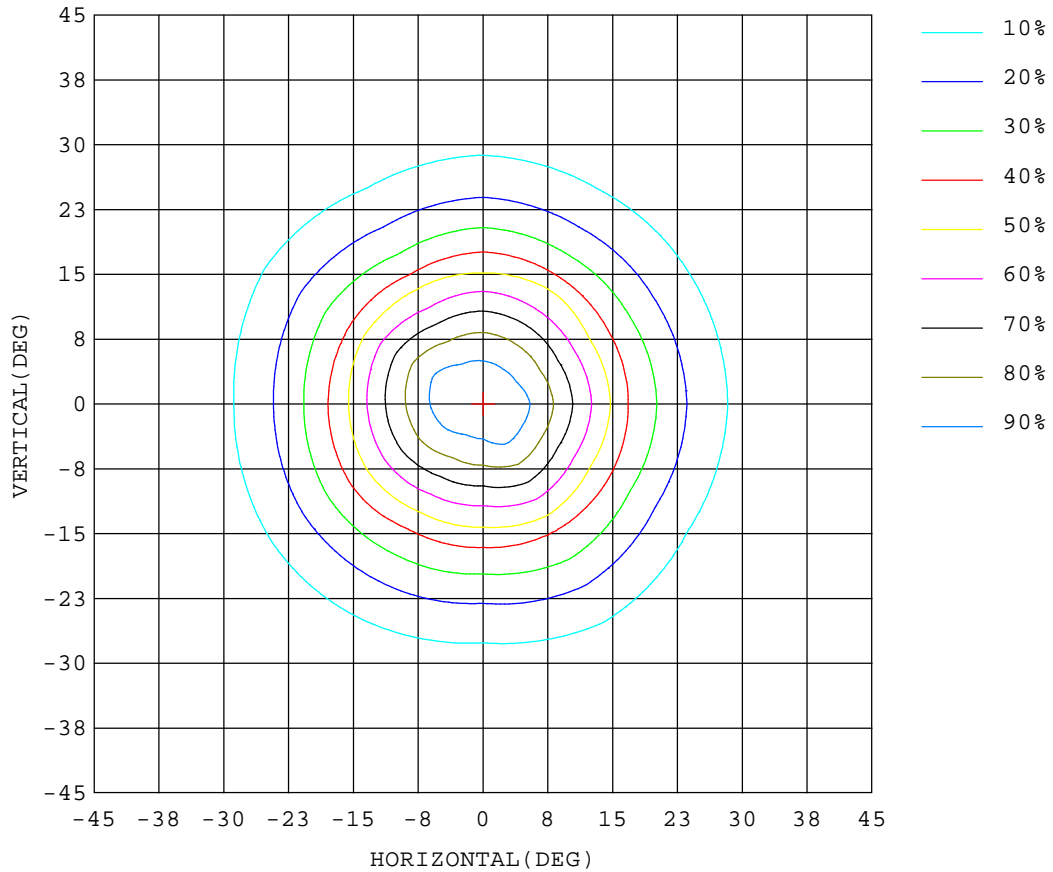
**Test Set:** 5.0deg/s C-Gamma (TYPE C)  
**Humidity:** 65.0%  
**Test Distance:** 5.900 m  
**Remarks:**

# ISOCANDELA DIAGRAM

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH10-T18W-5CCT-WH-30°		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K):</b> 3500	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: cd



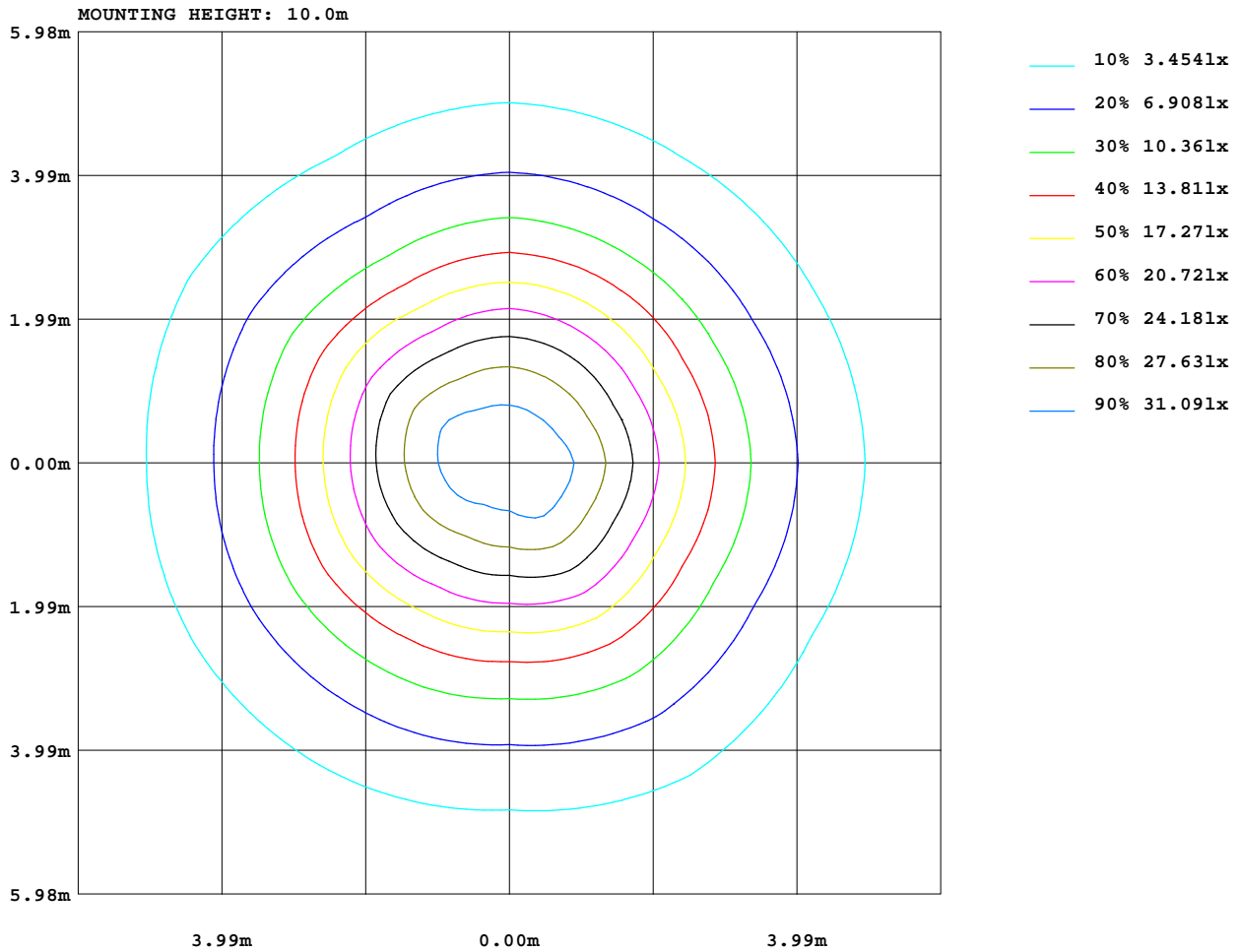
**Test System:**HOPOO HPG1800  
**Temperature:**25.3DEG  
**Operators:**  
**Test Date:**2024/01/25

**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-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:**2024/01/25

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

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.06	0.08	0.10	0.12	0.14	0.18	0.23	0.28	0.32	0.32	0.28	0.24	0.19	0.14	0.12	0.09	0.07	0.06	3.02	3.02
45	0.09	0.11	0.15	0.20	0.25	0.32	0.43	0.55	0.64	0.64	0.55	0.43	0.32	0.24	0.18	0.13	0.10	0.08	5.41	5.41
40	0.11	0.16	0.23	0.32	0.44	0.59	0.84	1.13	1.37	1.37	1.13	0.84	0.58	0.41	0.29	0.20	0.14	0.10	10.2	10.2
35	0.13	0.22	0.35	0.53	0.79	1.25	1.93	2.65	3.13	3.12	2.61	1.89	1.19	0.73	0.47	0.29	0.19	0.12	21.6	21.6
30	0.16	0.29	0.52	0.84	1.61	2.69	3.87	5.16	6.05	6.03	5.10	3.76	2.45	1.37	0.72	0.43	0.24	0.14	41.4	41.4
25	0.18	0.35	0.66	1.45	2.87	4.71	6.70	8.70	10.2	10.2	8.66	6.42	4.20	2.37	1.14	0.58	0.31	0.17	70.0	70.0
20	0.19	0.40	0.86	2.11	4.26	7.10	10.3	13.6	15.8	15.7	13.3	9.64	6.23	3.54	1.72	0.74	0.37	0.19	106	106
15	0.20	0.43	1.06	2.65	5.36	9.14	14.2	18.7	21.1	20.9	17.6	12.7	8.16	4.69	2.27	0.92	0.44	0.21	141	141
10	0.19	0.44	1.17	2.93	5.96	10.3	16.2	21.9	24.8	24.1	20.6	14.9	9.45	5.45	2.64	1.04	0.47	0.22	163	163
5	0.18	0.43	1.15	2.89	5.92	10.2	15.9	21.3	24.1	24.5	20.6	14.9	9.45	5.46	2.62	1.03	0.46	0.21	162	162
0	0.18	0.39	1.01	2.54	5.24	9.03	13.6	17.7	20.0	20.5	17.6	12.7	8.18	4.68	2.22	0.88	0.40	0.20	137	137
-5	0.16	0.34	0.78	1.96	4.07	6.97	10.1	12.9	14.7	15.0	13.2	9.75	6.34	3.48	1.64	0.67	0.33	0.17	103	103
-10	0.14	0.28	0.57	1.30	2.70	4.66	6.83	8.64	9.65	9.73	8.84	6.88	4.39	2.34	1.04	0.48	0.25	0.14	68.9	68.9
-15	0.12	0.22	0.40	0.76	1.54	2.68	3.97	5.08	5.66	5.72	5.24	4.12	2.61	1.37	0.64	0.33	0.19	0.11	40.8	40.8
-20	0.09	0.17	0.29	0.49	0.79	1.31	1.95	2.48	2.73	2.76	2.55	2.02	1.30	0.73	0.44	0.25	0.14	0.08	20.6	20.6
-25	0.08	0.12	0.20	0.32	0.49	0.67	0.84	1.01	1.11	1.11	1.02	0.85	0.68	0.47	0.30	0.18	0.11	0.07	9.64	9.64
-30	0.06	0.09	0.14	0.21	0.30	0.39	0.45	0.48	0.47	0.48	0.49	0.45	0.40	0.30	0.21	0.14	0.09	0.06	5.18	5.18
-35	0.05	0.07	0.10	0.14	0.19	0.22	0.24	0.24	0.23	0.23	0.25	0.25	0.23	0.20	0.14	0.10	0.07	0.05	2.99	2.99
-40	0.05	0.07	0.10	0.14	0.19	0.22	0.24	0.24	0.23	0.23	0.25	0.25	0.23	0.20	0.14	0.10	0.07	0.05	2.99	2.99
-45	0.05	0.07	0.10	0.14	0.19	0.22	0.24	0.24	0.23	0.23	0.25	0.25	0.23	0.20	0.14	0.10	0.07	0.05	2.99	2.99
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φ t	2.36	4.57	9.74	21.8	42.9	72.5	109	143	163	163	140	103	66.4	38.0	18.8	8.49	4.35	2.36	1146	
Φ a	2.36	4.57	9.74	21.8	42.9	72.5	109	143	163	163	140	103	66.4	38.0	18.8	8.49	4.35	2.36		1146

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

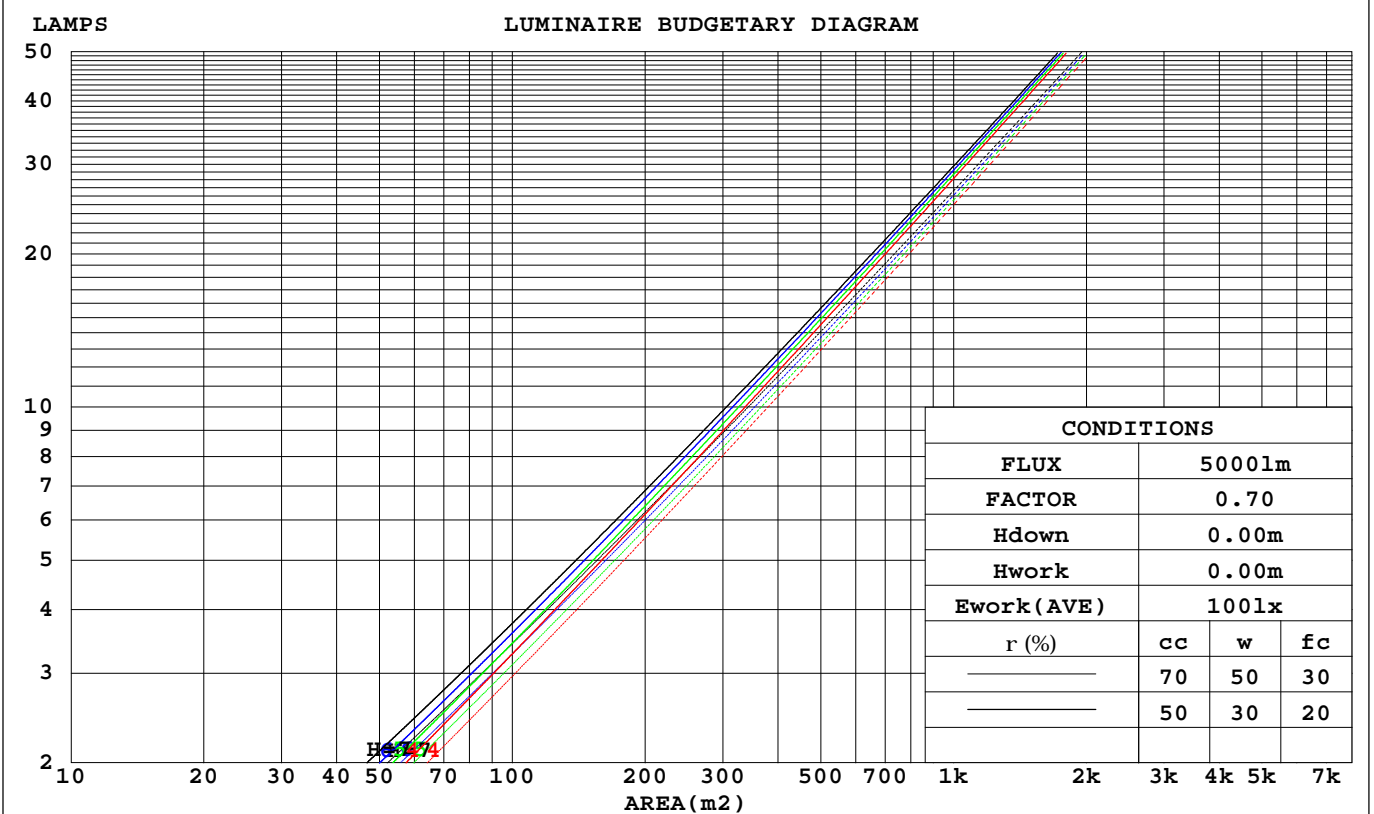
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> JXL-TXH10-T18W-5CCT-WH-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
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	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.12	1.10	1.08	1.09	1.08	1.06	1.05	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.05	1.02	.99	1.04	1.01	.98	1.00	.98	.96	.97	.95	.94	.94	.93	.91	.90
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.90	.93	.91	.89	.91	.89	.87	.86
4.0	.95	.91	.87	.94	.90	.87	.92	.88	.85	.90	.87	.84	.88	.85	.83	.82
5.0	.91	.86	.83	.90	.85	.82	.88	.84	.81	.86	.83	.81	.85	.82	.80	.79
6.0	.87	.82	.79	.86	.82	.78	.85	.81	.78	.83	.80	.77	.82	.79	.77	.75
7.0	.83	.78	.75	.83	.78	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.72
8.0	.80	.75	.72	.79	.75	.72	.78	.74	.71	.77	.74	.71	.76	.73	.71	.70
9.0	.77	.72	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.74	.71	.68	.67
10.0	.74	.70	.66	.74	.69	.66	.73	.69	.66	.72	.69	.66	.72	.68	.66	.65



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-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	.155	.088	.028	.148	.084	.027	.135	.077	.025	.123	.071	.023	.112	.065	.021	
2.0	.145	.079	.024	.139	.077	.024	.128	.071	.022	.118	.066	.021	.109	.061	.019	
3.0	.136	.072	.022	.131	.070	.021	.122	.066	.020	.113	.062	.019	.105	.058	.018	
4.0	.128	.066	.020	.124	.065	.019	.116	.061	.018	.108	.058	.018	.101	.055	.017	
5.0	.121	.062	.018	.117	.060	.018	.110	.057	.017	.104	.055	.016	.098	.052	.016	
6.0	.115	.058	.016	.112	.056	.016	.106	.054	.016	.100	.052	.015	.095	.050	.015	
7.0	.109	.054	.015	.106	.053	.015	.101	.051	.015	.096	.049	.014	.092	.048	.014	
8.0	.104	.051	.014	.102	.050	.014	.097	.049	.014	.093	.047	.014	.089	.045	.013	
9.0	.100	.048	.013	.098	.048	.013	.093	.046	.013	.089	.045	.013	.086	.044	.013	
10.0	.096	.046	.013	.094	.045	.013	.090	.044	.012	.086	.043	.012	.083	.042	.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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.178	.166	.155	.153	.143	.134	.104	.098	.092	.060	.057	.054	.019	.018	.017	
2.0	.161	.141	.125	.138	.122	.108	.095	.084	.075	.055	.049	.044	.018	.016	.014	
3.0	.147	.122	.102	.126	.105	.089	.087	.073	.062	.050	.043	.037	.016	.014	.012	
4.0	.136	.107	.085	.117	.093	.074	.080	.065	.052	.046	.038	.031	.015	.012	.010	
5.0	.126	.095	.072	.108	.082	.063	.075	.058	.044	.043	.034	.026	.014	.011	.009	
6.0	.118	.085	.062	.101	.074	.054	.070	.052	.038	.040	.030	.023	.013	.010	.008	
7.0	.111	.078	.054	.095	.067	.047	.066	.047	.034	.038	.028	.020	.012	.009	.007	
8.0	.104	.071	.048	.090	.062	.042	.062	.043	.030	.036	.026	.018	.012	.008	.006	
9.0	.099	.066	.043	.085	.057	.037	.059	.040	.027	.034	.024	.016	.011	.008	.005	
10.0	.094	.061	.039	.081	.053	.034	.056	.037	.024	.033	.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-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	10.5	11.2	10.7	11.4	11.6	10.8	11.6	11.1	11.8	11.9
3H	10.5	11.2	10.7	11.4	11.6	10.8	11.5	11.0	11.7	11.9
4H	10.5	11.2	10.8	11.4	11.7	10.7	11.4	11.0	11.6	11.8
6H	10.7	11.4	11.0	11.6	11.9	10.7	11.3	11.0	11.6	11.8
8H	10.9	11.5	11.2	11.8	12.1	10.7	11.3	11.0	11.5	11.8
12H	11.2	11.8	11.5	12.1	12.4	10.7	11.3	11.0	11.5	11.8
4H 2H	10.4	11.0	10.7	11.3	11.5	10.7	11.4	11.0	11.6	11.9
3H	10.4	11.0	10.7	11.3	11.5	10.8	11.3	11.1	11.6	11.9
4H	10.5	11.0	10.8	11.3	11.6	10.8	11.3	11.2	11.6	12.0
6H	10.7	11.2	11.1	11.5	11.9	10.9	11.3	11.3	11.7	12.0
8H	11.0	11.4	11.4	11.8	12.2	10.9	11.3	11.3	11.7	12.1
12H	11.5	11.8	11.9	12.2	12.6	11.0	11.4	11.4	11.8	12.2
8H 4H	10.4	10.8	10.8	11.2	11.6	10.7	11.2	11.2	11.5	11.9
6H	10.7	11.0	11.1	11.4	11.9	11.0	11.4	11.5	11.8	12.2
8H	11.0	11.3	11.5	11.7	12.2	11.2	11.6	11.7	12.0	12.5
12H	11.6	11.9	12.1	12.3	12.8	11.5	11.8	12.0	12.2	12.7
12H 4H	10.4	10.8	10.8	11.2	11.6	10.7	11.1	11.1	11.5	11.9
6H	10.7	11.0	11.2	11.5	11.9	11.0	11.3	11.5	11.8	12.2
8H	11.0	11.3	11.5	11.8	12.3	11.3	11.6	11.8	12.1	12.6
Variations with the observer position at spacings:										
S = 1.0H	+ 2.4 / - 2.2					+ 1.5 / - 2.3				
1.5H	+ 4.0 / - 2.4					+ 2.6 / - 2.7				
2.0H	+ 2.8 / - 1.8					+ 1.8 / - 2.2				

CIE Pub.117 Corrected 1146 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.5)

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-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	89	82	79	88	82	79	87	82	79	75
0.80	96	90	87	95	90	86	94	89	86	82
1.00	100	94	91	99	94	91	97	94	90	86
1.25	104	99	95	103	98	95	100	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	101	107	103	101	104	101	99	94
2.50	110	107	104	109	105	103	105	103	101	95
3.00	112	108	106	110	107	105	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	98
<b>ROOM INDEX</b>	<b>UF(total)</b>									<b>Direct</b>
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

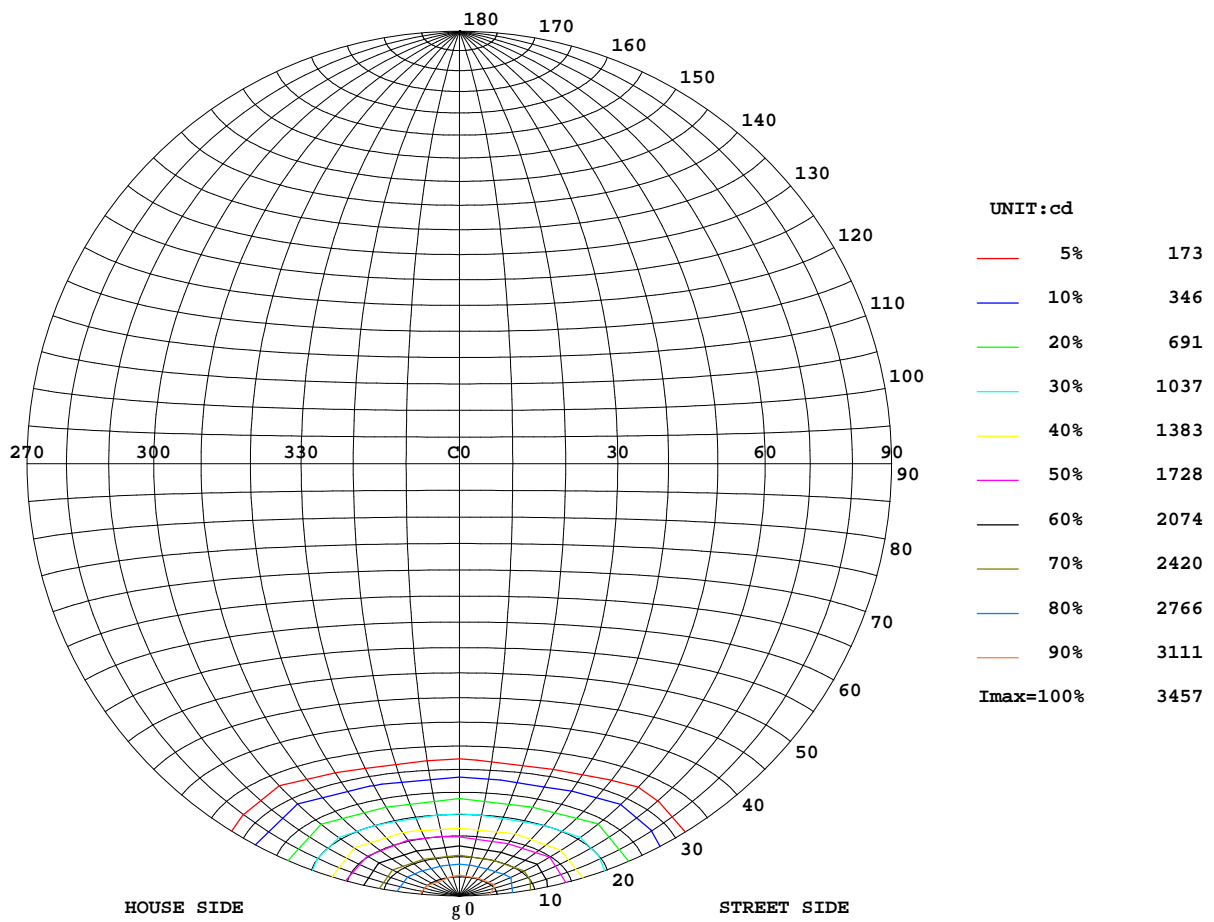
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/25

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



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

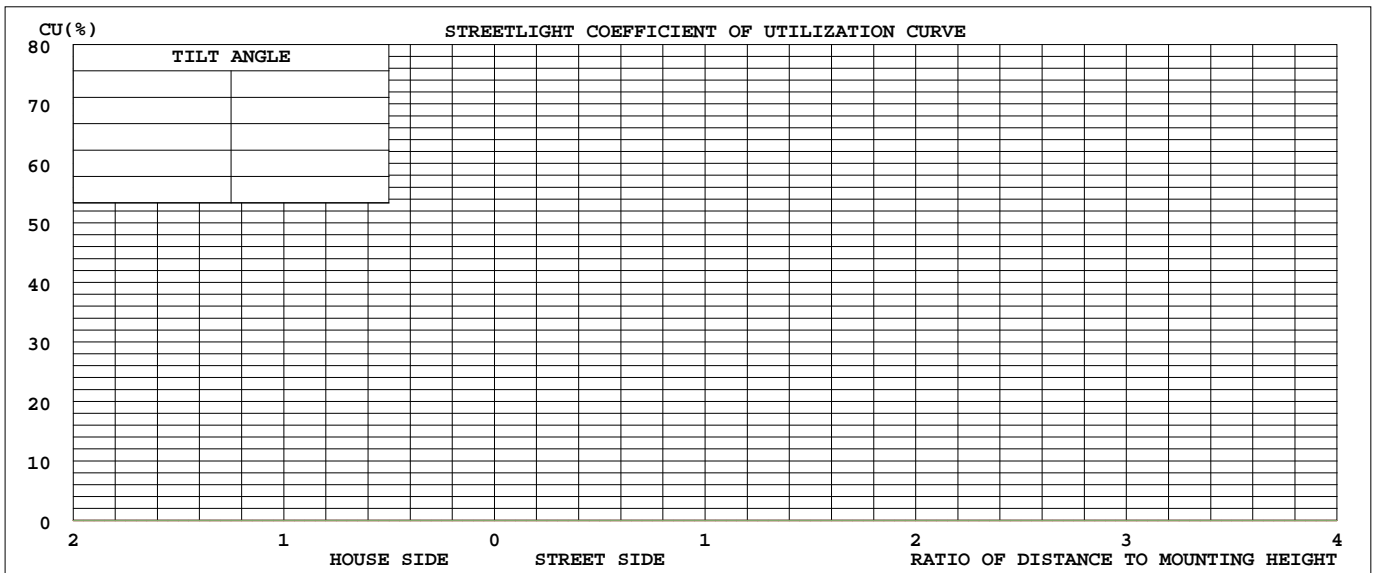
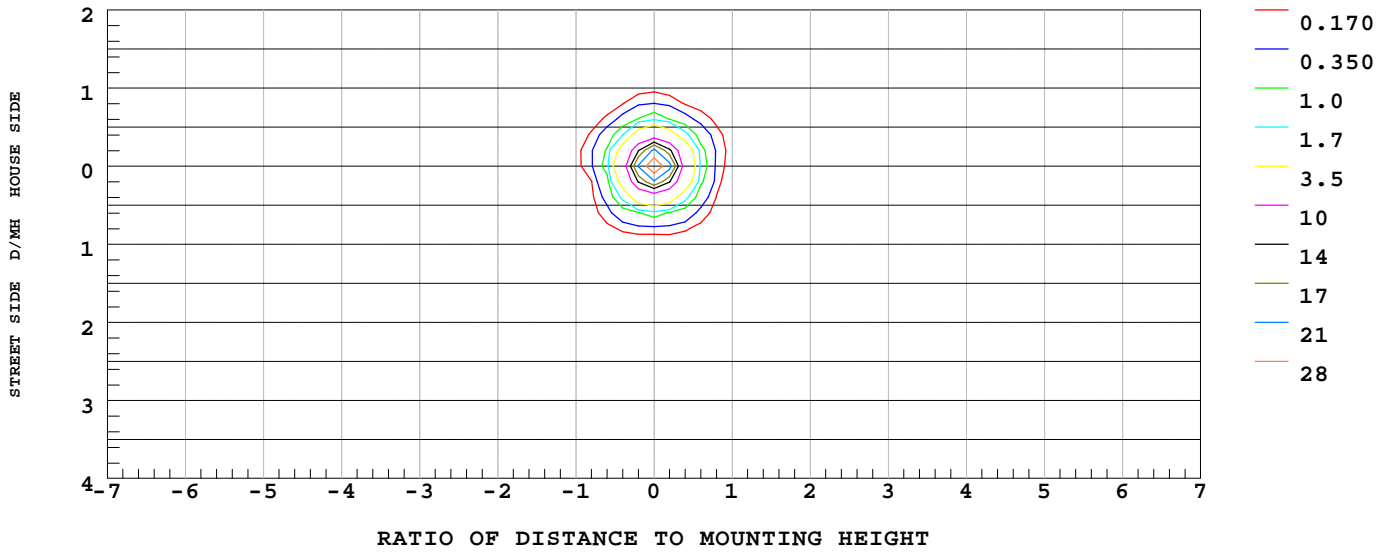
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

## ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-TXH10-T18W-5CCT-WH-30°		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 34.54 lx



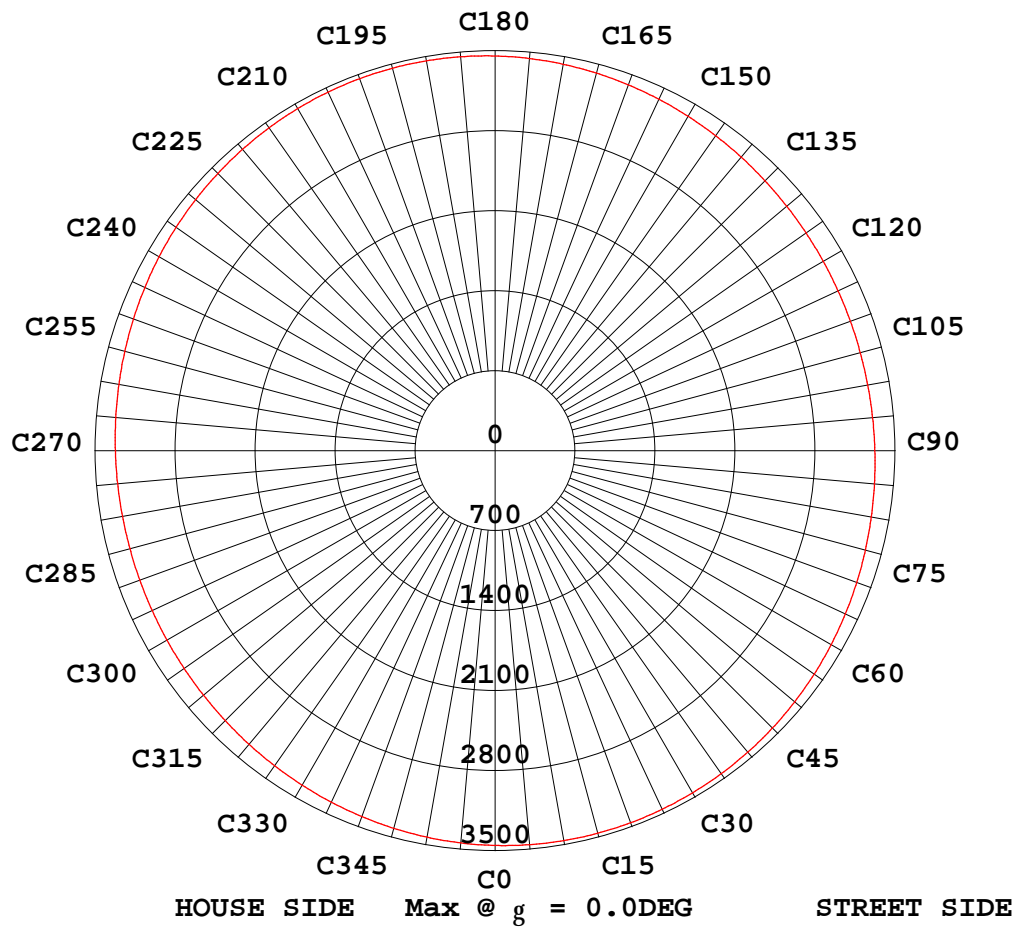
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/25

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-30°		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	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-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)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3454	3457	3396	3323	3316	3379	3454	3457	3396	3323	3316	3379
5.0	3162	3135	3151	3014	3018	3138	3214	3254	3132	3108	3079	3077
10.0	2482	2420	2492	2345	2379	2534	2616	2679	2527	2522	2474	2420
15.0	1690	1628	1709	1601	1648	1787	1822	1866	1793	1746	1788	1638
20.0	1050	1004	1087	1003	1045	1123	1114	1146	1017	1080	1012	1002
25.0	573	531	604	523	575	626	617	650	553	599	541	535
30.0	260	228	274	224	263	283	282	316	254	284	247	244
35.0	111	86.7	112	86.7	111	109	106	103	97.0	109	97.1	109
40.0	52.3	42.2	61.0	39.1	60.6	51.8	45.0	69.5	46.8	59.4	46.7	56.2
45.0	29.0	22.7	35.4	19.9	33.0	27.6	22.5	38.6	24.6	31.0	25.3	31.5
50.0	17.8	13.2	21.7	10.9	20.0	15.4	12.2	22.9	13.5	18.3	14.0	19.5
55.0	11.8	8.42	14.4	6.50	13.5	9.43	7.34	15.0	7.83	11.5	8.31	13.2
60.0	8.31	5.25	10.0	3.79	9.57	5.95	4.73	10.5	4.52	7.83	5.15	9.57
65.0	5.84	2.99	6.89	1.81	6.54	3.27	2.68	7.48	2.64	5.63	2.68	6.68
70.0	3.68	0.70	3.82	0.70	3.65	1.07	1.00	4.87	0.84	3.75	0.80	4.00
75.0	3.37	0.70	3.34	0.70	3.30	0.70	1.04	3.58	0.87	3.48	0.84	3.48
80.0	3.09	0.73	3.09	0.70	3.02	0.70	1.07	3.30	0.94	3.23	0.87	3.23
85.0	2.88	0.73	2.85	0.70	2.78	0.70	1.07	3.09	0.97	2.99	0.87	2.99
90.0	2.68	0.77	2.64	0.73	2.61	0.73	1.11	2.92	0.94	2.81	0.91	2.81
95.0	2.50	0.77	2.47	0.73	2.47	0.77	1.14	2.74	0.94	2.68	0.91	2.64
100.0	2.36	0.80	2.33	0.77	2.33	0.77	1.14	2.57	0.94	2.54	0.91	2.50
105.0	2.26	0.84	2.22	0.80	2.19	0.80	1.14	2.43	0.94	2.36	0.91	2.36
110.0	2.15	0.87	2.12	0.84	2.08	0.84	1.14	2.29	0.94	2.26	0.94	2.22
115.0	2.08	0.91	2.01	0.87	1.98	0.87	1.18	2.19	0.94	2.12	0.91	2.08
120.0	1.98	0.94	1.94	0.91	1.91	0.91	1.18	2.05	0.97	2.01	0.94	1.98
125.0	1.94	1.00	1.91	0.97	1.87	0.97	1.21	1.98	0.97	1.91	0.94	1.91
130.0	1.94	1.14	1.87	1.07	1.87	1.07	1.32	1.91	1.07	1.87	1.04	1.91
135.0	2.05	1.35	1.98	1.28	1.94	1.25	1.49	1.98	1.21	1.91	1.18	1.98
140.0	2.29	1.70	2.15	1.60	2.12	1.53	1.81	2.12	1.53	2.05	1.46	2.19
145.0	2.71	2.26	2.54	2.12	2.54	2.01	2.29	2.47	2.01	2.40	1.94	2.57
150.0	3.34	3.02	3.16	2.81	3.09	2.68	2.99	3.02	2.68	2.92	2.57	3.16
155.0	4.14	3.93	3.93	3.68	3.86	3.51	3.86	3.75	3.51	3.65	3.41	3.93
160.0	5.04	4.83	4.80	4.59	4.69	4.42	4.83	4.62	4.42	4.49	4.31	4.76
165.0	5.95	5.67	5.60	5.39	5.46	5.29	5.74	5.53	5.32	5.39	5.18	5.60
170.0	6.64	6.30	6.26	6.02	6.05	5.95	6.50	6.30	6.02	6.16	5.88	6.26
175.0	7.10	6.68	6.61	6.43	6.47	6.68	7.06	6.82	6.43	6.68	6.30	6.68
180.0	7.31	7.03	6.57	6.85	6.40	6.78	7.31	7.03	6.57	6.85	6.40	6.78

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: