

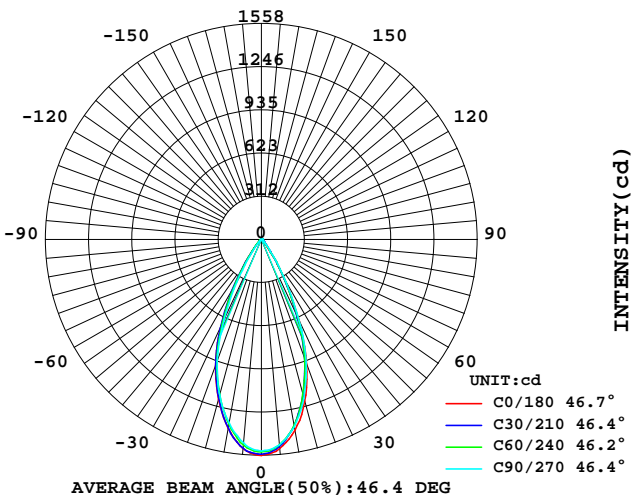
# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

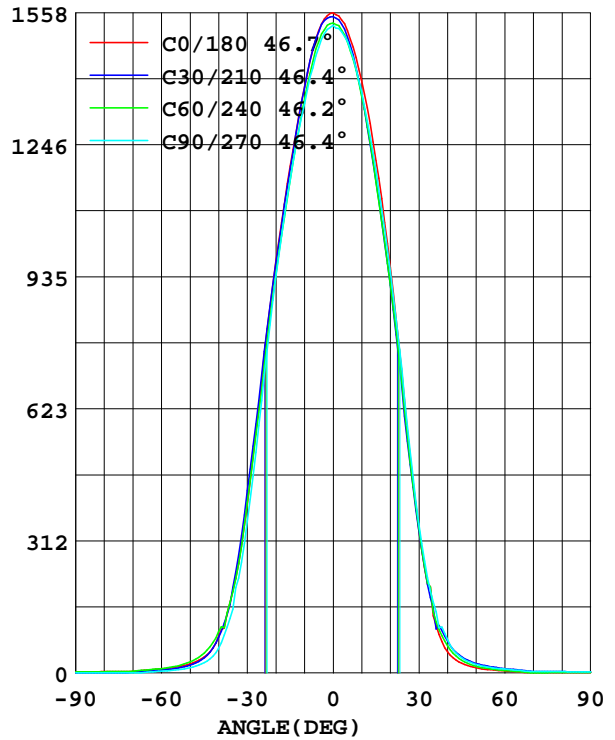
MANUFACTURER:			
Address:			
NAME: JXL-TXH10-T18W-5CCT-WH-45°		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	1558	S/MH(C0/180)	0.73
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.71
NOMINAL POWER(W)	18	TOTAL FLUX(lm)	932.8	Voltage(V)	120.5
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	54.1	Current(A)	0.144
NOMINAL FLUX(lm)	932.8	h up(%)	1.3	Power(W)	17.24
LAMPS QUANTITY	1	h down(%)	98.7	Power Factor(PF)	0.990
TEST VOLTAGE(V)	120.5	Effective Flux(lm)	932.8	EET	0.238

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



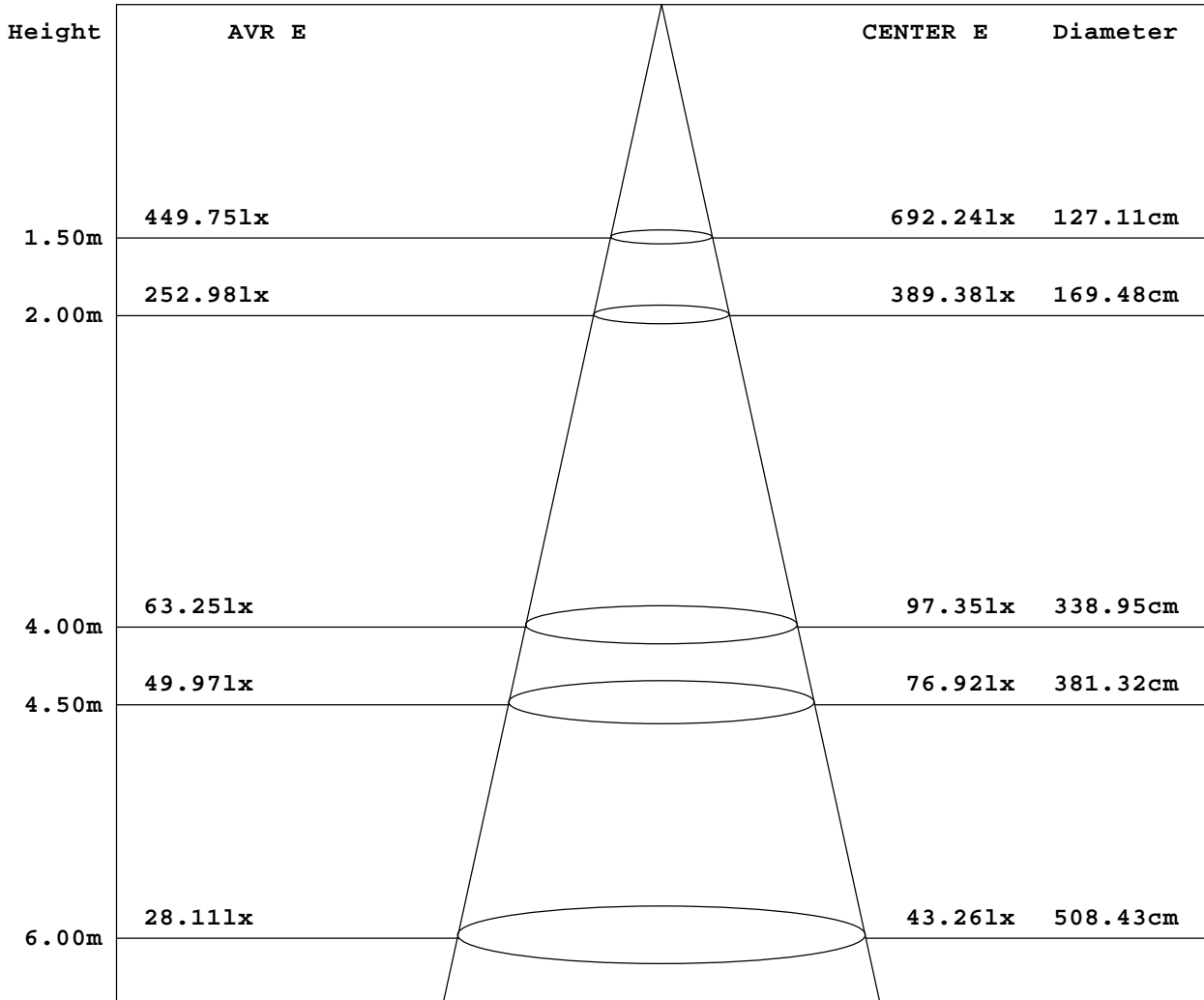
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/25

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): 2700	DIMENSION:	SERIAL No.:



Angle:45.9deg

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): 2700	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tBtal
5.0	1515	1500	1475	1494	1515	1494	1489	1506	0- 5	36.33	36.33
10.0	1384	1367	1343	1378	1398	1364	1372	1388	5- 10	102.6	139.0
15.0	1195	1176	1162	1203	1208	1159	1186	1211	10- 15	151.8	290.8
20.0	969.7	951.4	933.9	943.1	956.1	915.1	947.2	979.3	15- 20	175.8	466.6
25.0	686.6	684.9	642.0	621.6	644.3	614.2	648.8	686.7	20- 25	167.9	634.6
30.0	397.7	415.3	358.1	315.5	336.9	339.0	351.3	375.5	25- 30	126.0	760.7
35.0	193.5	196.8	150.8	137.4	135.1	147.6	167.1	175.7	30- 35	74.42	835.1
40.0	86.01	90.08	57.99	64.22	49.43	69.28	78.21	81.45	35- 40	36.46	871.6
45.0	38.32	41.56	24.74	32.16	22.87	34.04	35.85	39.57	40- 45	18.79	890.4
50.0	21.47	22.24	12.49	18.11	12.18	19.07	20.05	21.94	45- 50	10.42	900.8
55.0	13.68	13.22	6.857	11.69	7.623	12.34	12.94	13.62	50- 55	6.539	907.3
60.0	9.851	8.702	4.212	7.849	4.943	8.215	9.189	9.311	55- 60	4.533	911.9
65.0	6.962	5.726	2.158	4.908	2.436	5.151	6.265	6.213	60- 65	3.179	915.1
70.0	3.794	2.819	0.627	2.088	0.940	2.245	3.689	3.063	65- 70	1.847	916.9
75.0	3.376	1.984	0.627	1.914	0.975	2.053	3.341	2.071	70- 75	1.128	918.0
80.0	3.098	1.827	0.661	1.792	0.975	1.931	3.098	1.949	75- 80	1.051	919.1
85.0	2.854	1.723	0.661	1.670	1.009	1.827	2.854	1.844	80- 85	1.003	920.1
90.0	2.645	1.636	0.661	1.583	1.044	1.740	2.680	1.740	85- 90	0.957	921.1
95.0	2.506	1.549	0.661	1.514	1.044	1.670	2.506	1.653	90- 95	0.910	922.0
100.0	2.332	1.496	0.696	1.444	1.079	1.583	2.367	1.601	95-100	0.867	922.8
105.0	2.227	1.444	0.731	1.409	1.079	1.531	2.227	1.531	100-105	0.821	923.6
110.0	2.088	1.409	0.766	1.374	1.113	1.479	2.123	1.462	105-110	0.774	924.4
115.0	2.018	1.392	0.766	1.340	1.113	1.427	2.018	1.409	110-115	0.729	925.2
120.0	1.949	1.357	0.835	1.340	1.148	1.392	1.914	1.374	115-120	0.685	925.8
125.0	1.914	1.374	0.905	1.357	1.183	1.409	1.844	1.357	120-125	0.647	926.5
130.0	1.914	1.444	1.044	1.444	1.322	1.479	1.844	1.409	125-130	0.623	927.1
135.0	2.018	1.601	1.253	1.618	1.531	1.636	1.914	1.531	130-135	0.622	927.7
140.0	2.262	1.862	1.566	1.879	1.879	1.879	2.123	1.775	135-140	0.646	928.4
145.0	2.575	2.210	1.949	2.262	2.262	2.210	2.401	2.123	140-145	0.683	929.1
150.0	2.958	2.610	2.401	2.645	2.749	2.610	2.784	2.541	145-150	0.716	929.8
155.0	3.446	3.063	2.854	3.115	3.237	3.045	3.202	2.976	150-155	0.724	930.5
160.0	3.898	3.533	3.341	3.568	3.759	3.533	3.655	3.446	155-160	0.697	931.2
165.0	4.316	3.985	3.794	4.020	4.281	4.003	4.107	3.898	160-165	0.623	931.8
170.0	4.768	4.386	4.246	4.420	4.768	4.420	4.525	4.333	165-170	0.502	932.3
175.0	5.047	4.681	4.594	4.647	5.117	4.699	4.803	4.647	170-175	0.329	932.6
180.0	5.256	4.699	4.943	4.786	5.256	4.786	4.943	4.786	175-180	0.115	932.8
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:

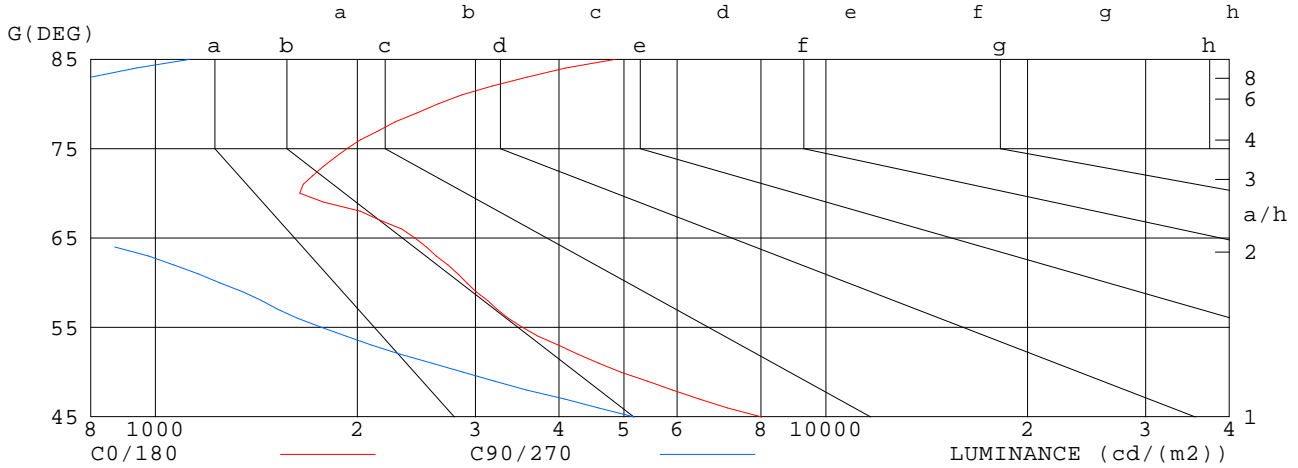
## LUMINANCE LIMITATION CURVES

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): 2700</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	4845	1123
80	2639	563
75	1930	358
70	1641	271
65	2437	755
60	2915	1246
55	3528	1769
50	4943	2876
45	8018	5178

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

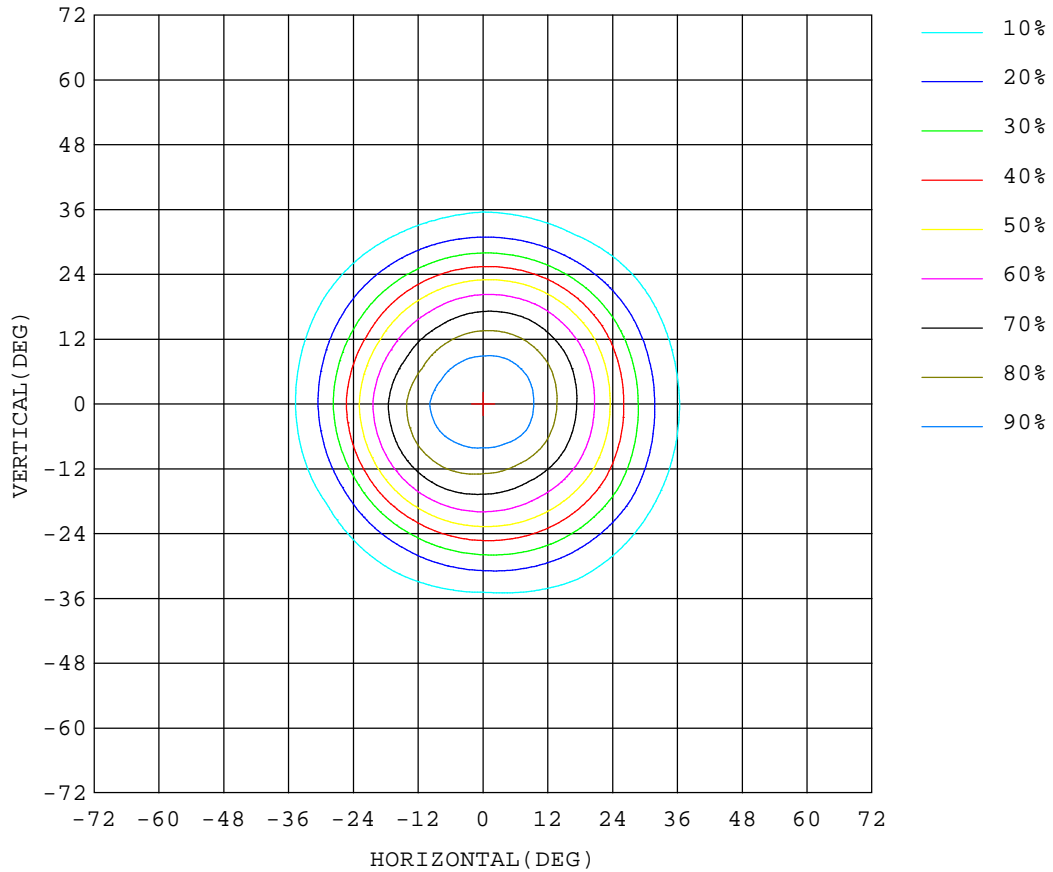
**Test Set:** 5.0deg/s C-Gamma (TYPE C)  
**Humidity:**65.0%  
**Test Distance:**5.900 m  
**Remarks:**

# 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> 2700	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

UNIT: cd



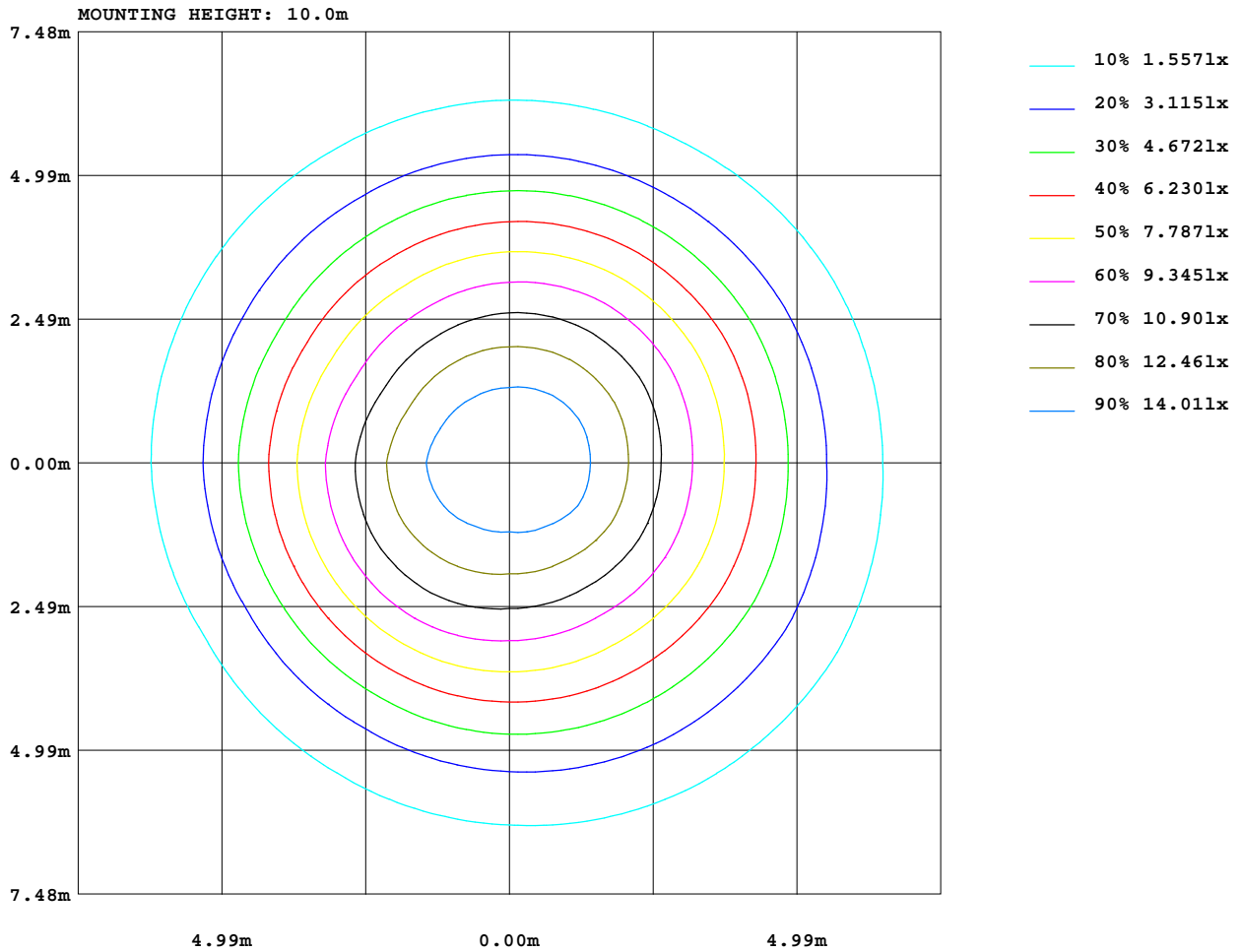
**Test System:**HOPOO HPG1800  
**Temperature:**25.3DEG  
**Operators:**  
**Test Date:**2024/01/25

**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> 2700	<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: JXL-TXH10-T18W-5CCT-WH-45°</b>		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K): 2700</b>	<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	
	0.02	0.03	0.03	0.03	0.02	0.02	0.04	0.06	0.08	0.08	0.06	0.04	0.02	0.03	0.03	0.03	0.03	0.02	0.69	0.69
	0.02	0.03	0.04	0.05	0.06	0.07	0.10	0.14	0.17	0.17	0.15	0.12	0.09	0.08	0.06	0.04	0.03	0.02	1.42	1.42
	0.02	0.03	0.06	0.09	0.12	0.15	0.20	0.26	0.32	0.32	0.28	0.22	0.17	0.14	0.11	0.08	0.04	0.02	2.63	2.63
	0.02	0.04	0.09	0.15	0.21	0.29	0.42	0.63	0.81	0.83	0.68	0.49	0.34	0.23	0.17	0.11	0.05	0.03	5.57	5.57
	0.02	0.05	0.11	0.22	0.36	0.65	1.16	2.00	2.76	2.81	2.13	1.29	0.75	0.42	0.24	0.14	0.07	0.03	15.2	15.2
	0.02	0.05	0.13	0.29	0.66	1.50	3.49	6.42	8.66	8.86	6.80	3.88	1.75	0.78	0.34	0.16	0.08	0.03	43.9	43.9
	0.01	0.06	0.14	0.36	1.08	3.24	8.12	13.8	17.5	17.9	14.8	9.12	3.89	1.33	0.46	0.19	0.09	0.04	92.3	92.3
	0.01	0.06	0.14	0.42	1.55	5.71	13.1	20.1	24.3	24.8	21.3	14.5	6.67	2.04	0.59	0.21	0.10	0.04	136	136
	0.01	0.05	0.13	0.42	1.98	7.54	16.5	24.1	28.4	28.6	24.4	17.2	8.56	2.63	0.67	0.22	0.10	0.04	162	162
	0.01	0.05	0.13	0.40	1.93	7.49	16.8	24.6	28.4	28.5	24.2	17.1	8.66	2.66	0.65	0.22	0.09	0.04	162	162
	0.01	0.05	0.12	0.36	1.40	5.47	13.4	20.9	24.4	24.1	20.6	14.4	7.02	2.09	0.54	0.19	0.09	0.03	136	136
	0.01	0.04	0.11	0.28	0.86	2.93	7.90	13.9	17.4	17.5	14.5	9.53	4.24	1.28	0.39	0.16	0.08	0.03	91.4	91.4
	0.01	0.03	0.09	0.20	0.51	1.35	3.26	6.19	8.60	8.98	7.26	4.35	1.91	0.69	0.26	0.12	0.06	0.02	43.9	43.9
	0.01	0.02	0.07	0.15	0.31	0.64	1.25	1.94	2.59	2.76	2.35	1.62	0.85	0.38	0.17	0.09	0.05	0.02	15.2	15.2
	0.01	0.01	0.05	0.10	0.19	0.33	0.50	0.61	0.64	0.69	0.73	0.63	0.40	0.22	0.12	0.06	0.03	0.01	5.34	5.34
	0.01	0.01	0.02	0.07	0.13	0.20	0.24	0.24	0.22	0.23	0.27	0.28	0.22	0.14	0.08	0.04	0.01	0.01	2.43	2.43
	0.01	0.01	0.01	0.03	0.07	0.12	0.13	0.12	0.10	0.10	0.13	0.14	0.13	0.09	0.05	0.02	0.01	0.01	1.28	1.28
	0.01	0.01	0.01	0.03	0.04	0.06	0.06	0.05	0.03	0.03	0.05	0.07	0.07	0.05	0.03	0.01	0.01	0.01	0.61	0.61
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL(DEG)	16	24	32	40	48	56	64	72			
Φ t	0.20	0.62	1.49	3.64	11.5	37.8	86.9	136	166	168	141	95.3	45.7	15.3	4.95	2.09	1.01	0.46	933	
Φ a	0.20	0.62	1.49	3.64	11.5	37.8	86.9	136	166	168	141	95.3	45.7	15.3	4.95	2.09	1.01	0.46		933

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

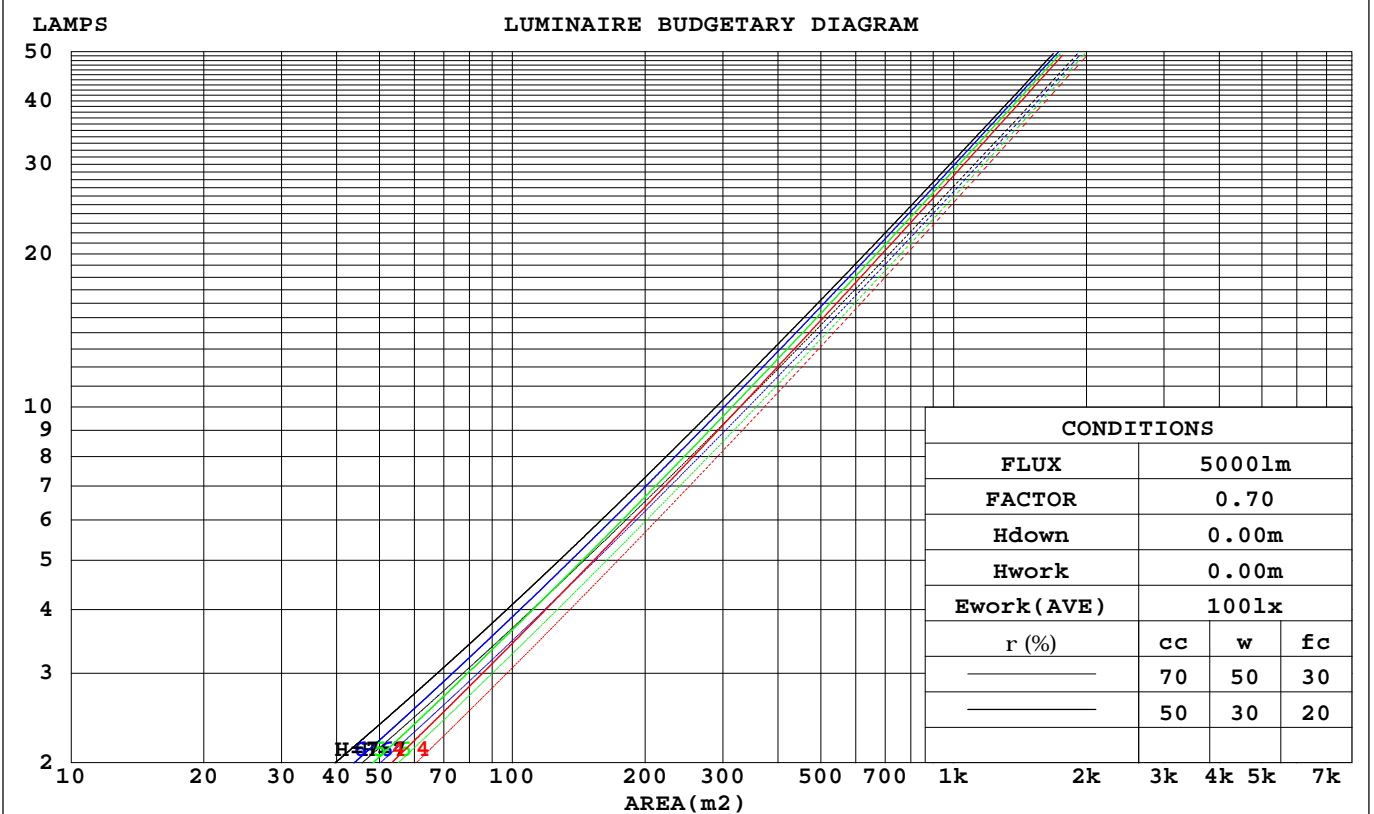
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

## 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>	<b>CCT(K):</b> 2700		<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	.99
1.0	1.11	1.09	1.06	1.09	1.06	1.05	1.04	1.03	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.93	.95	.93	.91	.93	.91	.89	.88
3.0	.98	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.88	.86	.84	.82
4.0	.92	.87	.83	.91	.86	.82	.88	.84	.81	.86	.83	.80	.84	.82	.79	.78
5.0	.87	.81	.78	.86	.81	.77	.84	.80	.76	.82	.78	.76	.81	.77	.75	.73
6.0	.82	.77	.73	.81	.76	.73	.80	.75	.72	.78	.74	.71	.77	.74	.71	.69
7.0	.78	.73	.69	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.66
8.0	.74	.69	.65	.74	.68	.65	.72	.68	.64	.71	.67	.64	.70	.67	.64	.63
9.0	.71	.65	.62	.70	.65	.62	.69	.64	.61	.68	.64	.61	.67	.64	.61	.59
10.0	.67	.62	.59	.67	.62	.59	.66	.61	.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): 2700	<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	.170	.097	.031	.163	.093	.029	.150	.086	.027	.137	.079	.025	.126	.073	.024	
2.0	.160	.088	.027	.154	.085	.026	.143	.080	.025	.133	.075	.023	.123	.070	.022	
3.0	.151	.081	.024	.146	.078	.024	.137	.074	.023	.128	.070	.022	.120	.066	.021	
4.0	.143	.075	.022	.139	.073	.022	.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	.015	.102	.052	.015	
9.0	.113	.055	.015	.111	.054	.015	.107	.053	.015	.102	.051	.015	.098	.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	.200	.200	.200	.171	.171	.171	.117	.117	.117	.067	.067	.067	.021	.021	.021	
1.0	.180	.167	.155	.154	.143	.133	.106	.099	.092	.061	.057	.054	.019	.018	.017	
2.0	.164	.142	.124	.141	.122	.107	.097	.085	.075	.056	.049	.044	.018	.016	.014	
3.0	.151	.123	.101	.130	.106	.087	.089	.074	.061	.051	.043	.036	.017	.014	.012	
4.0	.141	.108	.084	.121	.094	.073	.083	.065	.051	.048	.038	.030	.015	.012	.010	
5.0	.131	.097	.071	.113	.084	.062	.078	.058	.044	.045	.034	.026	.015	.011	.009	
6.0	.124	.087	.061	.106	.076	.053	.073	.053	.038	.043	.031	.022	.014	.010	.007	
7.0	.117	.080	.053	.101	.069	.046	.070	.048	.033	.040	.028	.020	.013	.009	.006	
8.0	.111	.073	.047	.096	.064	.041	.066	.045	.029	.039	.026	.017	.012	.009	.006	
9.0	.106	.068	.042	.091	.059	.037	.063	.041	.026	.037	.024	.016	.012	.008	.005	
10.0	.101	.063	.038	.087	.055	.033	.061	.039	.024	.035	.023	.014	.011	.008	.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): 2700			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	14.8	15.7	15.1	15.9	16.1	14.5	15.3	14.7	15.5	15.7
3H	14.8	15.5	15.0	15.8	16.0	14.3	15.1	14.6	15.4	15.6
4H	14.7	15.5	15.0	15.7	15.9	14.3	15.0	14.6	15.3	15.5
6H	14.7	15.4	15.0	15.7	16.0	14.2	14.9	14.5	15.2	15.4
8H	14.8	15.4	15.1	15.7	16.0	14.2	14.8	14.5	15.1	15.4
12H	14.9	15.5	15.2	15.8	16.1	14.1	14.8	14.5	15.1	15.4
4H 2H	14.6	15.4	14.9	15.6	15.9	14.3	15.1	14.6	15.3	15.5
3H	14.6	15.2	14.9	15.5	15.8	14.2	14.9	14.6	15.2	15.5
4H	14.5	15.1	14.9	15.4	15.8	14.2	14.8	14.5	15.1	15.4
6H	14.6	15.1	15.0	15.4	15.8	14.1	14.7	14.5	15.0	15.4
8H	14.6	15.1	15.1	15.5	15.9	14.1	14.6	14.5	15.0	15.4
12H	14.8	15.3	15.2	15.7	16.1	14.1	14.6	14.6	15.0	15.4
8H 4H	14.4	14.9	14.8	15.3	15.7	14.1	14.6	14.5	14.9	15.3
6H	14.5	14.9	14.9	15.3	15.7	14.1	14.5	14.6	14.9	15.4
8H	14.6	14.9	15.0	15.3	15.8	14.2	14.6	14.7	15.0	15.5
12H	14.8	15.1	15.3	15.6	16.0	14.3	14.6	14.8	15.1	15.6
12H 4H	14.4	14.8	14.8	15.2	15.6	14.0	14.5	14.4	14.9	15.3
6H	14.4	14.8	14.9	15.2	15.7	14.1	14.5	14.6	14.9	15.4
8H	14.5	14.8	15.0	15.3	15.8	14.2	14.5	14.7	15.0	15.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.9 / - 4.1					+ 2.0 / - 4.1				
1.5H	+ 4.9 / - 4.2					+ 3.6 / - 4.3				
2.0H	+ 3.4 / - 2.2					+ 2.6 / - 2.7				

CIE Pub.117 Corrected 932.8 lm Total Lamp Luminous Flux. (8log(F/F0) = -0.2)

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): 2700	<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	87	81	77	87	81	77	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	99	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	110	106	104	106	104	102	95
4.00	113	111	108	111	109	107	107	106	104	97
5.00	115	112	111	112	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				SHRNOM = 1.25			

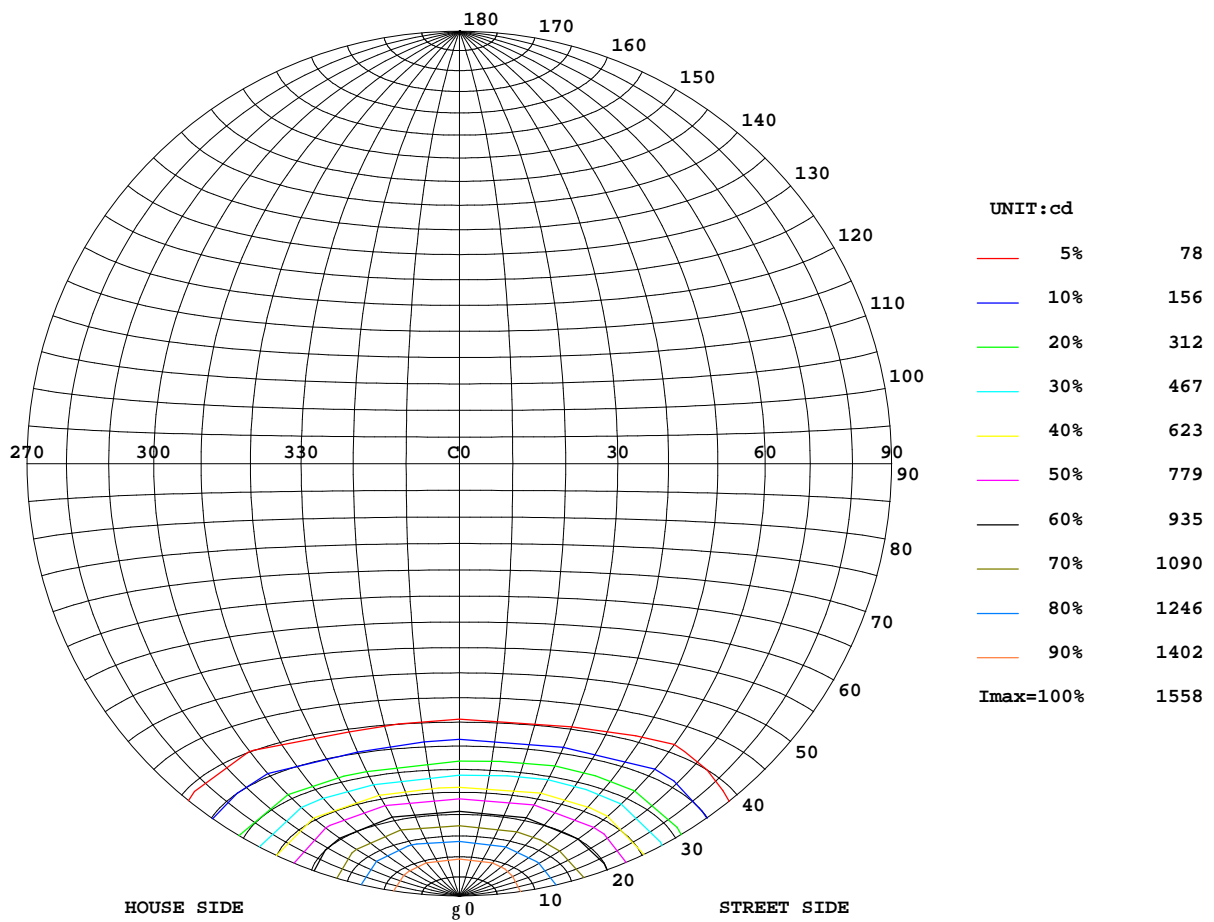
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/25

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

# ISOCANDELA DIAGRAM

Report number:

<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> 2700	<b>DIMENSION:</b>	<b>SERIAL No.:</b>



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

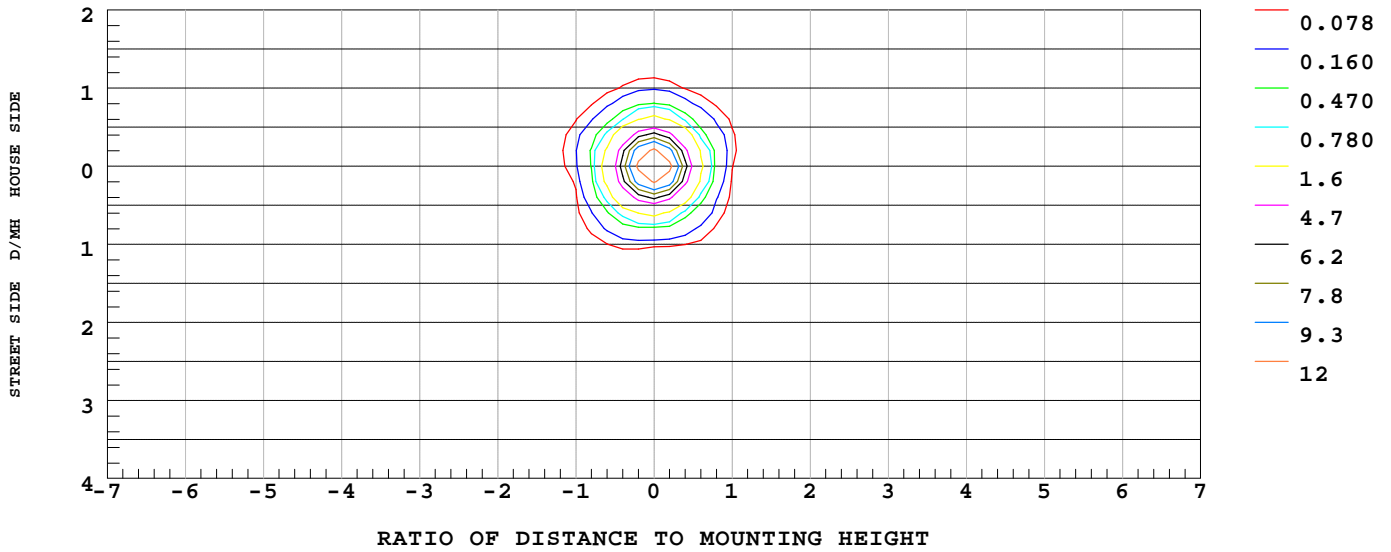
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

# ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-TXH10-T18W-5CCT-WH-45°		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 15.58 lx



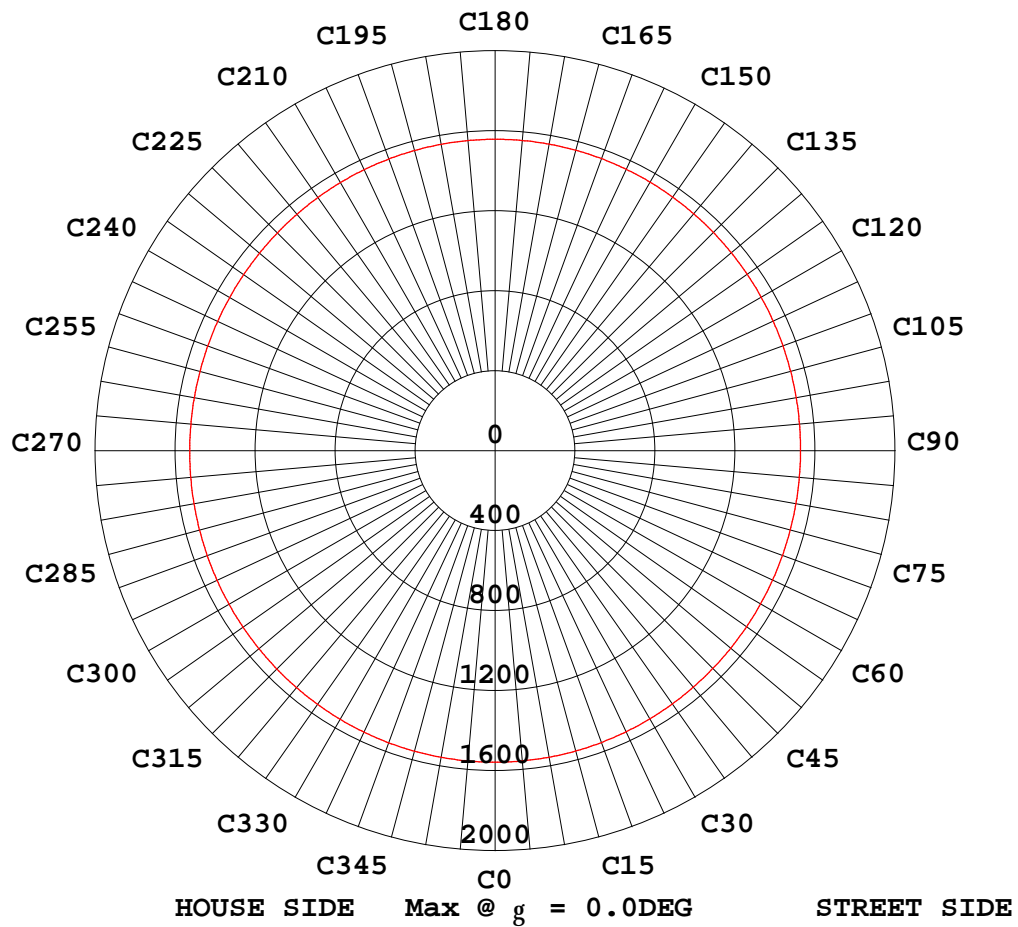
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/01/25

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): 2700	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): 2700</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	1558	1548	1533	1528	1537	1551	1558	1548	1533	1528	1537	1551
5.0	1515	1512	1488	1475	1484	1504	1515	1500	1489	1489	1497	1515
10.0	1384	1380	1354	1343	1368	1388	1398	1366	1361	1372	1385	1391
15.0	1195	1189	1163	1162	1194	1212	1208	1160	1157	1186	1205	1216
20.0	970	966	937	934	939	948	956	915	916	947	976	983
25.0	687	703	667	642	620	623	644	606	623	649	676	697
30.0	398	430	401	358	322	309	337	335	343	351	363	389
35.0	194	202	192	151	149	126	135	152	143	167	161	190
40.0	86.0	83.4	96.7	57.9	72.7	55.7	49.4	75.0	63.5	78.2	70.8	92.0
45.0	38.3	35.7	47.3	24.7	36.6	27.6	22.8	38.3	29.6	35.8	34.5	44.5
50.0	21.4	18.4	26.0	12.4	21.0	15.2	12.1	22.3	15.8	20.0	18.6	25.2
55.0	13.6	10.7	15.6	6.85	13.9	9.43	7.62	14.9	9.74	12.9	10.8	16.3
60.0	9.85	6.92	10.4	4.21	9.85	5.84	4.94	10.4	6.02	9.18	6.92	11.6
65.0	6.96	4.17	7.27	2.15	6.68	3.13	2.43	7.10	3.20	6.26	4.10	8.31
70.0	3.79	1.60	4.03	0.63	3.55	0.63	0.94	3.75	0.73	3.68	0.97	5.15
75.0	3.37	0.66	3.30	0.63	3.20	0.63	0.97	3.37	0.73	3.34	0.70	3.44
80.0	3.09	0.66	2.99	0.66	2.92	0.66	0.97	3.09	0.77	3.09	0.73	3.16
85.0	2.85	0.70	2.74	0.66	2.71	0.63	1.00	2.88	0.77	2.85	0.77	2.92
90.0	2.64	0.70	2.57	0.66	2.50	0.66	1.04	2.68	0.80	2.68	0.77	2.71
95.0	2.50	0.70	2.40	0.66	2.33	0.70	1.04	2.54	0.80	2.50	0.77	2.54
100.0	2.33	0.73	2.26	0.70	2.19	0.70	1.07	2.36	0.80	2.36	0.80	2.40
105.0	2.22	0.77	2.12	0.73	2.08	0.73	1.07	2.26	0.80	2.22	0.80	2.26
110.0	2.08	0.80	2.01	0.77	1.98	0.77	1.11	2.12	0.84	2.12	0.80	2.12
115.0	2.01	0.84	1.94	0.77	1.87	0.80	1.11	2.01	0.84	2.01	0.80	2.01
120.0	1.94	0.87	1.84	0.84	1.84	0.84	1.14	1.91	0.87	1.91	0.84	1.91
125.0	1.91	0.94	1.81	0.91	1.81	0.91	1.18	1.87	0.94	1.84	0.87	1.84
130.0	1.91	1.04	1.84	1.04	1.84	1.04	1.32	1.91	1.04	1.84	0.97	1.84
135.0	2.01	1.25	1.94	1.25	1.94	1.28	1.53	2.01	1.25	1.91	1.14	1.91
140.0	2.26	1.56	2.15	1.56	2.15	1.60	1.87	2.22	1.53	2.12	1.42	2.12
145.0	2.57	1.94	2.47	1.94	2.50	2.01	2.26	2.50	1.91	2.40	1.81	2.43
150.0	2.95	2.40	2.81	2.40	2.85	2.43	2.74	2.88	2.33	2.78	2.26	2.81
155.0	3.44	2.88	3.23	2.85	3.27	2.95	3.23	3.30	2.78	3.20	2.71	3.23
160.0	3.89	3.37	3.68	3.34	3.68	3.44	3.75	3.75	3.30	3.65	3.20	3.68
165.0	4.31	3.86	4.10	3.79	4.10	3.93	4.28	4.24	3.75	4.10	3.68	4.10
170.0	4.76	4.28	4.49	4.24	4.49	4.35	4.76	4.62	4.21	4.52	4.14	4.52
175.0	5.04	4.59	4.76	4.59	4.45	4.83	5.11	4.90	4.49	4.80	4.45	4.83
180.0	5.25	4.80	4.59	4.94	4.59	4.97	5.25	4.97	4.59	4.94	4.59	4.97

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: