

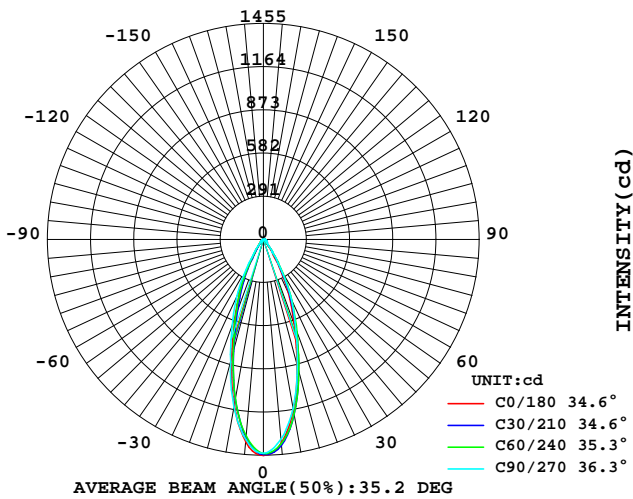
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

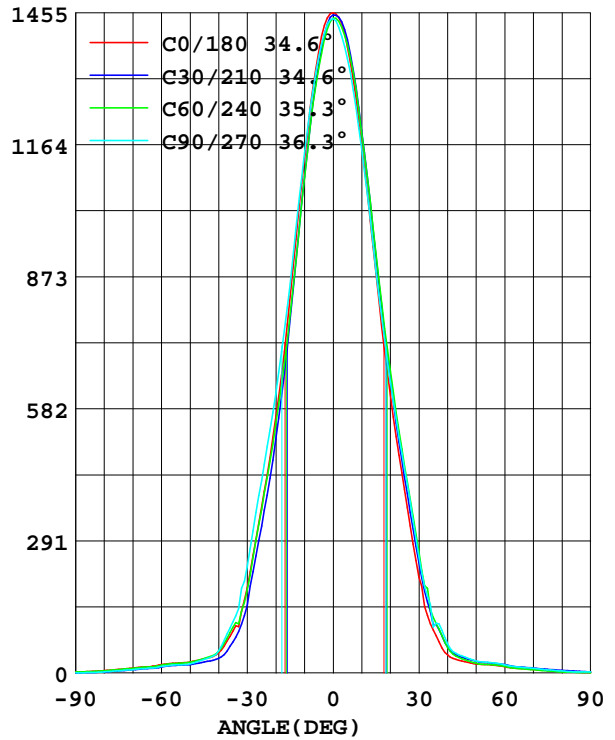
MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	1455	S/MH(C0/180)	0.55
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.57
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	694.7	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	78.3	Current(A)	0.075
NOMINAL FLUX(lm)	694.7	h up(%)	1.4	Power(W)	8.870
LAMPS QUANTITY	1	h down(%)	98.6	Power Factor(PF)	0.969
TEST VOLTAGE(V)	120.7	Effictive Flux(lm)	694.7	EEL	0.155

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



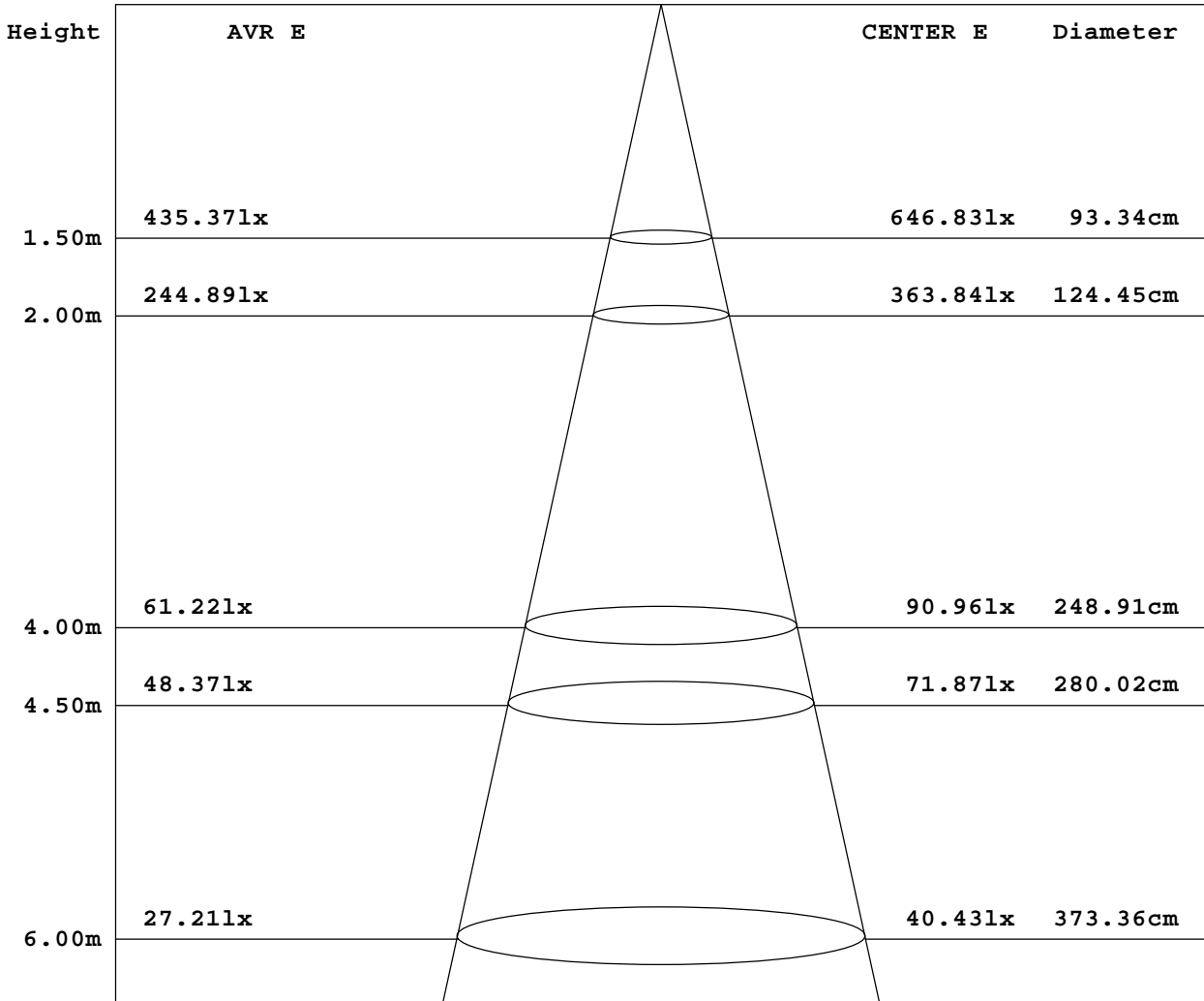
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:



Angle: 34.6deg

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:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tBtal
5.0	1368	1335	1357	1372	1379	1390	1354	1360	0- 5	33.61	33.61
10.0	1134	1094	1148	1172	1166	1194	1157	1142	5- 10	89.76	123.3
15.0	829.8	786.3	857.0	893.1	881.2	921.9	884.0	856.0	10- 15	118.7	242.1
20.0	563.3	532.1	614.6	654.5	613.5	656.9	641.7	608.1	15- 20	119.7	361.9
25.0	366.3	342.2	424.6	459.7	404.6	443.8	449.6	413.2	20- 25	105.8	467.8
30.0	187.9	166.6	235.3	257.5	212.1	256.5	256.8	223.5	25- 30	80.46	548.3
35.0	92.28	84.48	112.6	132.8	94.61	114.4	101.2	110.5	30- 35	46.10	594.4
40.0	43.93	39.92	48.66	60.02	39.50	56.47	63.59	49.77	35- 40	26.00	620.4
45.0	31.08	28.26	30.24	34.67	26.56	33.26	37.59	31.69	40- 45	14.29	634.7
50.0	24.36	20.88	19.77	23.11	19.59	23.56	26.45	22.87	45- 50	10.89	645.6
55.0	21.82	18.93	17.64	20.36	18.13	20.32	22.97	20.38	50- 55	9.130	654.7
60.0	18.72	15.24	14.41	16.63	13.88	16.49	18.27	16.72	55- 60	8.512	663.2
65.0	13.64	11.46	10.37	12.25	10.09	11.48	13.19	12.16	60- 65	6.587	669.8
70.0	10.86	8.772	7.553	9.642	7.693	8.928	9.920	9.624	65- 70	5.341	675.1
75.0	7.901	6.004	4.768	6.892	5.430	6.370	6.892	6.962	70- 75	4.061	679.2
80.0	5.256	3.620	2.506	4.438	3.411	4.194	4.281	4.716	75- 80	2.810	682.0
85.0	3.237	2.036	0.905	2.419	1.775	2.645	2.715	2.906	80- 85	1.726	683.7
90.0	2.401	1.444	0.592	1.496	0.870	1.618	2.436	1.583	85- 90	1.037	684.8
95.0	2.262	1.374	0.592	1.409	0.905	1.479	2.262	1.479	90- 95	0.819	685.6
100.0	2.123	1.322	0.592	1.322	0.940	1.427	2.123	1.392	95-100	0.774	686.4
105.0	1.984	1.270	0.627	1.287	0.940	1.374	2.018	1.340	100-105	0.732	687.1
110.0	1.879	1.253	0.627	1.253	0.940	1.305	1.879	1.287	105-110	0.689	687.8
115.0	1.810	1.235	0.661	1.235	0.975	1.253	1.810	1.253	110-115	0.648	688.4
120.0	1.740	1.218	0.696	1.200	0.975	1.235	1.705	1.218	115-120	0.608	689.0
125.0	1.670	1.200	0.766	1.200	1.009	1.218	1.636	1.218	120-125	0.571	689.6
130.0	1.670	1.270	0.835	1.235	1.079	1.218	1.636	1.253	125-130	0.540	690.2
135.0	1.740	1.374	1.009	1.322	1.218	1.270	1.670	1.322	130-135	0.526	690.7
140.0	1.844	1.549	1.218	1.496	1.392	1.392	1.775	1.496	135-140	0.527	691.2
145.0	2.053	1.810	1.496	1.723	1.670	1.601	1.949	1.723	140-145	0.540	691.7
150.0	2.332	2.158	1.844	2.018	2.018	1.879	2.227	2.036	145-150	0.556	692.3
155.0	2.680	2.541	2.227	2.384	2.436	2.210	2.541	2.419	150-155	0.563	692.9
160.0	3.098	2.941	2.645	2.767	2.889	2.628	2.924	2.819	155-160	0.547	693.4
165.0	3.481	3.324	3.028	3.150	3.341	3.028	3.306	3.185	160-165	0.496	693.9
170.0	3.794	3.585	3.376	3.446	3.724	3.376	3.620	3.498	165-170	0.400	694.3
175.0	4.003	3.742	3.585	3.794	3.968	3.620	3.829	3.672	170-175	0.260	694.6
180.0	4.107	3.742	3.898	3.707	4.107	3.742	3.898	3.707	175-180	0.090	694.7
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:

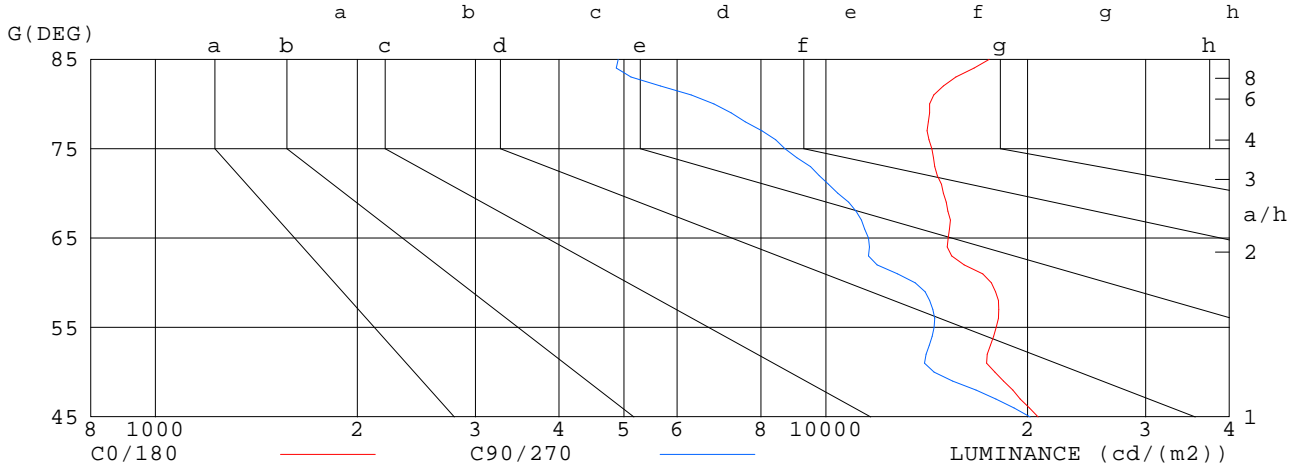
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300	<=300	<=300	<=300	<=300
1.15	A								
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



G (DEG)	LUMINANCE cd/m2	
	C0/180	C90/270
85	17521	4898
80	14278	6808
75	14401	8691
70	14979	10418
65	15230	11578
60	17668	13596
55	17949	14514
50	17881	14509
45	20736	20179

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

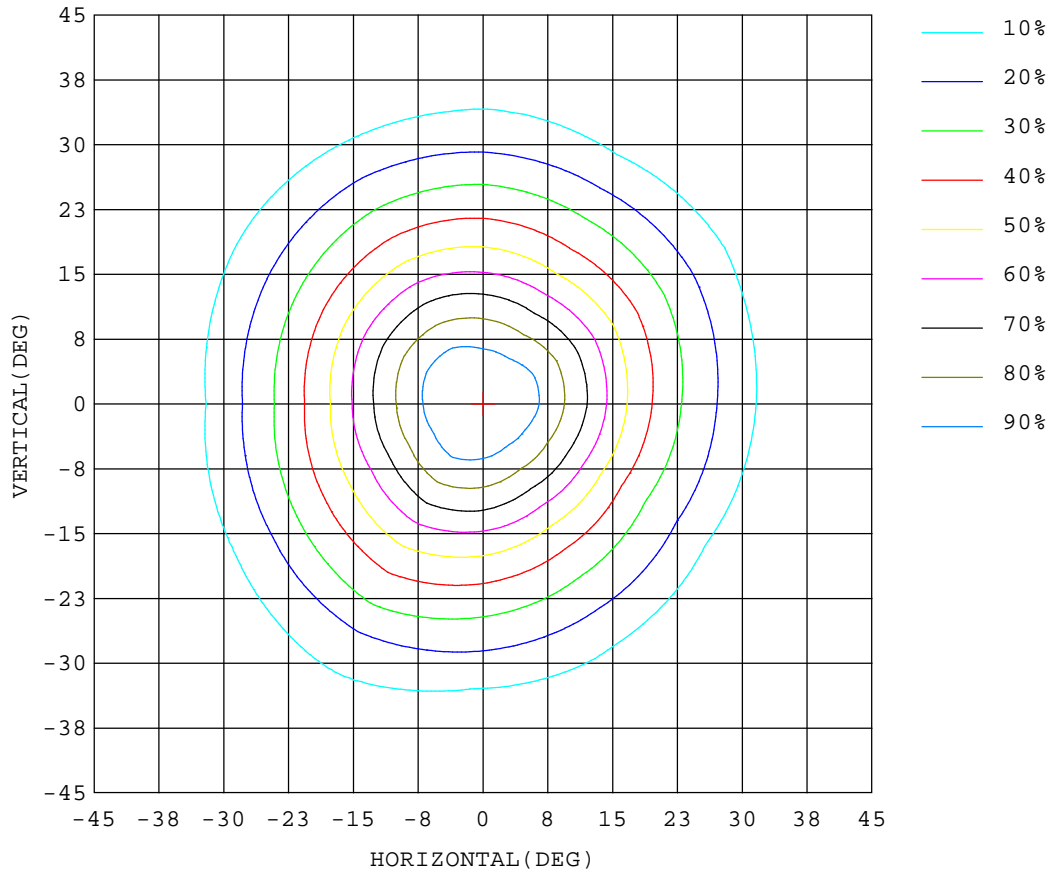
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

UNIT: cd



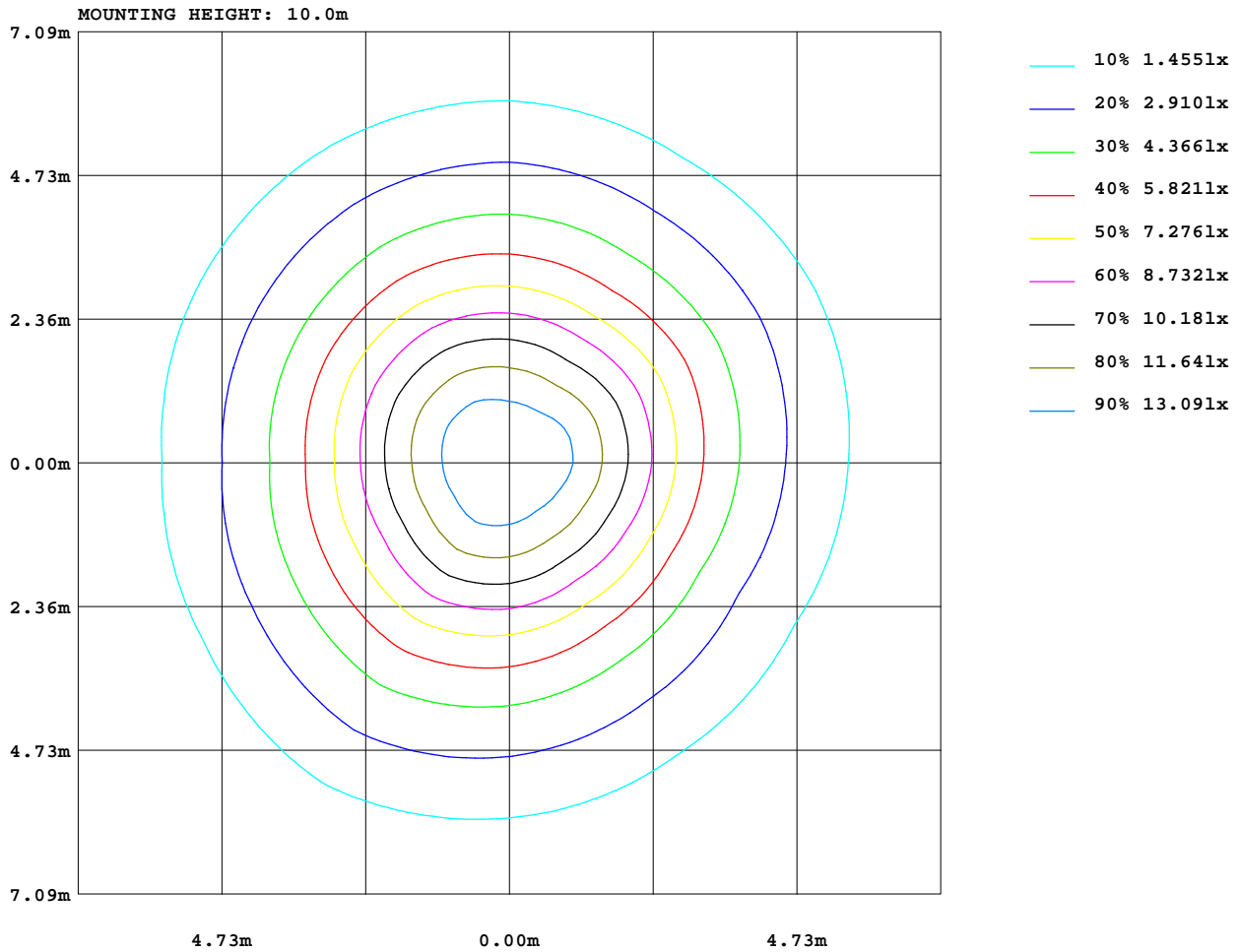
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/25

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	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:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φt	Φa
	45	40	35	30	25	20	15	10	5	0	5	10	15	20	25	30	35	40	45	
45	0.11	0.13	0.14	0.16	0.19	0.23	0.28	0.32	0.35	0.34	0.30	0.26	0.21	0.18	0.15	0.14	0.13	0.11	3.74	3.74
40	0.12	0.14	0.18	0.22	0.28	0.38	0.52	0.65	0.71	0.69	0.60	0.45	0.31	0.24	0.20	0.17	0.14	0.12	6.12	6.12
35	0.13	0.17	0.22	0.31	0.51	0.75	1.01	1.22	1.36	1.32	1.12	0.88	0.64	0.43	0.28	0.21	0.17	0.13	10.8	10.8
30	0.15	0.21	0.30	0.54	0.88	1.40	1.97	2.43	2.67	2.61	2.26	1.70	1.14	0.77	0.50	0.29	0.20	0.15	20.2	20.2
25	0.16	0.24	0.46	0.82	1.47	2.37	3.21	3.80	4.09	4.01	3.58	2.92	2.11	1.27	0.75	0.45	0.24	0.17	32.1	32.1
20	0.17	0.29	0.61	1.20	2.20	3.33	4.44	5.33	5.75	5.60	4.94	4.07	3.11	2.06	1.07	0.60	0.30	0.18	45.3	45.3
15	0.18	0.35	0.76	1.61	2.85	4.24	5.76	7.13	7.77	7.56	6.60	5.33	4.00	2.71	1.48	0.70	0.36	0.20	59.6	59.6
10	0.19	0.39	0.88	1.92	3.31	5.00	6.99	8.74	9.61	9.34	8.32	6.59	4.69	3.10	1.77	0.79	0.40	0.20	72.3	72.3
5	0.18	0.40	0.94	2.06	3.53	5.36	7.60	9.61	10.6	10.5	9.38	7.27	4.99	3.25	1.88	0.83	0.41	0.20	79.2	79.2
0	0.18	0.39	0.94	2.06	3.53	5.31	7.46	9.45	10.6	10.4	9.16	7.05	4.81	3.11	1.80	0.79	0.38	0.20	77.7	77.7
-5	0.18	0.37	0.88	1.90	3.32	4.90	6.69	8.54	9.56	9.22	7.92	6.02	4.16	2.73	1.53	0.68	0.33	0.18	69.1	69.1
-10	0.17	0.32	0.75	1.57	2.86	4.22	5.67	7.03	7.65	7.31	6.17	4.77	3.34	2.17	1.12	0.53	0.26	0.17	56.1	56.1
-15	0.16	0.25	0.59	1.17	2.20	3.42	4.52	5.33	5.61	5.34	4.57	3.59	2.58	1.55	0.73	0.37	0.21	0.15	42.4	42.4
-20	0.14	0.21	0.41	0.83	1.49	2.46	3.38	3.84	3.98	3.77	3.25	2.53	1.71	0.95	0.51	0.25	0.17	0.13	30.0	30.0
-25	0.12	0.18	0.28	0.55	0.94	1.49	2.07	2.44	2.56	2.40	2.00	1.45	0.94	0.61	0.35	0.20	0.15	0.11	18.8	18.8
-30	0.11	0.15	0.22	0.33	0.58	0.84	1.06	1.23	1.28	1.20	1.01	0.79	0.60	0.38	0.24	0.18	0.13	0.10	10.4	10.4
-35	0.11	0.13	0.17	0.24	0.33	0.46	0.56	0.61	0.62	0.59	0.52	0.42	0.32	0.25	0.20	0.15	0.12	0.10	5.89	5.89
-40	0.10	0.12	0.14	0.18	0.24	0.27	0.29	0.30	0.29	0.28	0.27	0.25	0.23	0.20	0.16	0.13	0.11	0.09	3.65	3.65
-45	0.10	0.12	0.14	0.18	0.24	0.27	0.29	0.30	0.29	0.28	0.27	0.25	0.23	0.20	0.16	0.13	0.11	0.09	3.65	3.65
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φt	2.66	4.43	8.86	17.7	30.7	46.4	63.5	78.0	85.2	82.6	72.0	56.3	39.9	25.9	14.7	7.46	4.19	2.71	695	
Φa	2.66	4.43	8.86	17.7	30.7	46.4	63.5	78.0	85.2	82.6	72.0	56.3	39.9	25.9	14.7	7.46	4.19	2.71		695

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

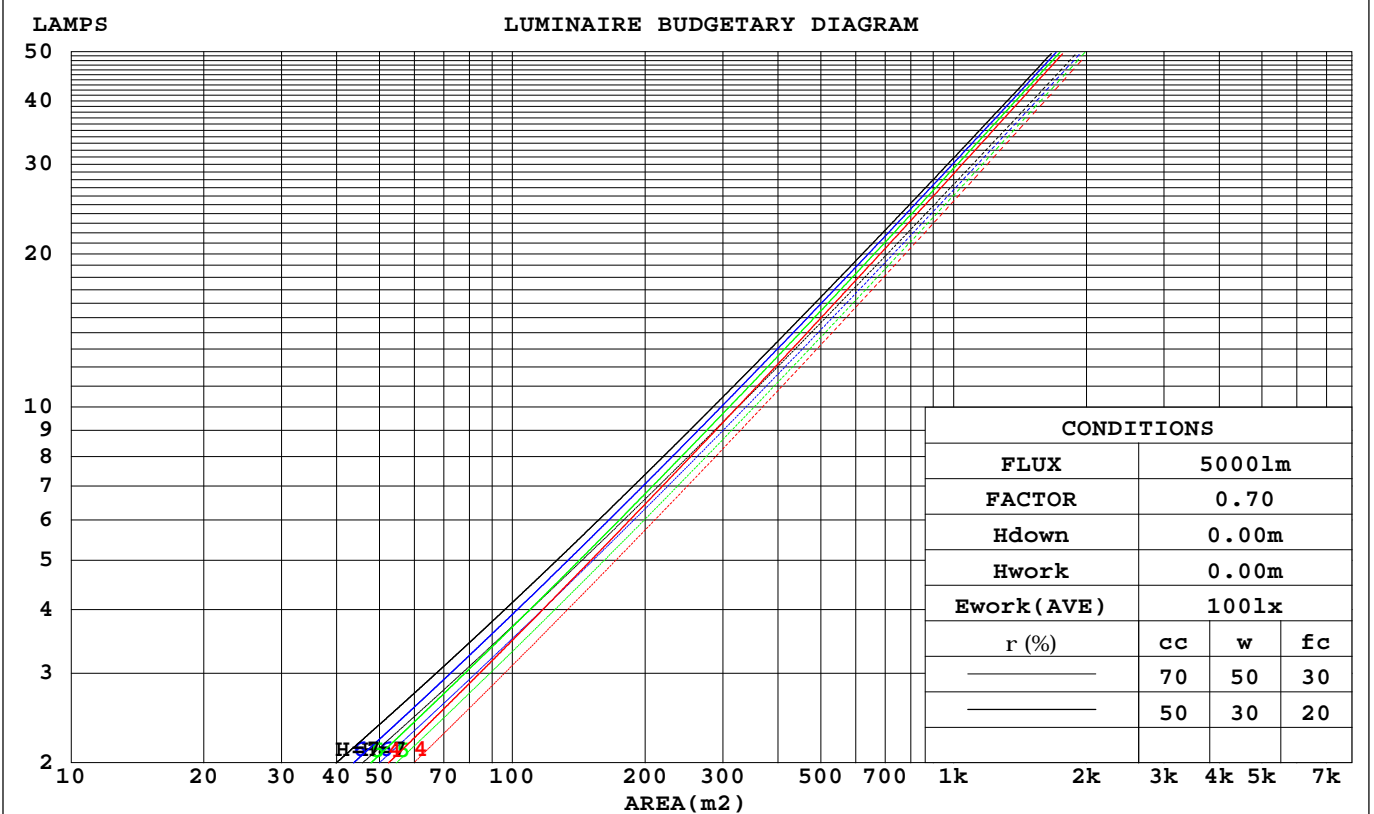
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000		DIMENSION:
			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
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization(CU)															
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	1.10	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.00	.90	.98	.97	.96	.95	.94	.92
2.0	1.03	.99	.96	1.01	.98	.95	.98	.95	.92	.95	.92	.90	.92	.90	.88	.86
3.0	.97	.92	.88	.95	.91	.87	.92	.89	.86	.90	.87	.84	.87	.85	.83	.81
4.0	.91	.86	.82	.90	.85	.81	.87	.83	.80	.85	.82	.79	.83	.80	.78	.76
5.0	.86	.80	.76	.85	.80	.76	.83	.79	.75	.81	.77	.74	.80	.76	.74	.72
6.0	.81	.76	.72	.81	.75	.72	.79	.74	.71	.77	.73	.70	.76	.73	.70	.68
7.0	.77	.72	.68	.77	.71	.68	.75	.71	.67	.74	.70	.67	.73	.69	.66	.65
8.0	.74	.68	.64	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.62
9.0	.70	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.59
10.0	.67	.62	.59	.67	.62	.58	.66	.61	.58	.65	.61	.58	.64	.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:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	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
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.179	.102	.032	.172	.098	.031	.158	.091	.029	.146	.084	.027	.134	.078	.025	
2.0	.168	.092	.028	.162	.089	.027	.150	.084	.026	.140	.078	.025	.130	.074	.023	
3.0	.157	.084	.025	.152	.081	.025	.142	.077	.023	.133	.073	.022	.125	.069	.021	
4.0	.148	.077	.023	.143	.075	.022	.135	.072	.021	.127	.068	.021	.120	.065	.020	
5.0	.140	.071	.021	.136	.070	.020	.128	.067	.020	.122	.064	.019	.115	.062	.019	
6.0	.132	.066	.019	.129	.065	.019	.122	.063	.018	.116	.060	.018	.111	.058	.017	
7.0	.125	.062	.018	.122	.061	.017	.117	.059	.017	.111	.057	.017	.106	.055	.016	
8.0	.119	.058	.016	.117	.057	.016	.112	.056	.016	.107	.054	.016	.102	.053	.015	
9.0	.114	.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
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.201	.201	.201	.172	.172	.172	.117	.117	.117	.067	.067	.067	.022	.022	.022	
1.0	.182	.168	.156	.156	.144	.134	.107	.099	.093	.061	.057	.054	.020	.019	.017	
2.0	.167	.144	.124	.143	.124	.107	.098	.085	.075	.056	.050	.044	.018	.016	.014	
3.0	.154	.125	.101	.132	.107	.088	.091	.075	.062	.052	.044	.036	.017	.014	.012	
4.0	.143	.110	.085	.123	.095	.073	.084	.066	.052	.049	.039	.031	.016	.013	.010	
5.0	.134	.098	.072	.115	.085	.062	.079	.059	.044	.046	.035	.026	.015	.011	.009	
6.0	.126	.089	.062	.108	.077	.054	.075	.054	.038	.043	.032	.023	.014	.010	.008	
7.0	.119	.081	.054	.102	.070	.047	.071	.049	.034	.041	.029	.020	.013	.009	.007	
8.0	.113	.075	.048	.097	.065	.042	.067	.045	.030	.039	.027	.018	.013	.009	.006	
9.0	.107	.069	.044	.093	.060	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005	
10.0	.103	.065	.040	.089	.056	.035	.061	.040	.025	.036	.023	.015	.012	.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-COB02-R09W-5CCT-2RR-SM-WH					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	16.7	17.6	16.9	17.8	17.9	17.5	18.4	17.8	18.6	18.8
3H	17.9	18.7	18.1	18.9	19.1	18.3	19.1	18.6	19.3	19.5
4H	18.4	19.2	18.7	19.4	19.7	18.6	19.3	18.9	19.6	19.8
6H	18.9	19.6	19.2	19.9	20.1	18.7	19.5	19.1	19.7	20.0
8H	19.1	19.8	19.4	20.1	20.4	18.8	19.5	19.1	19.7	20.0
12H	19.3	20.0	19.7	20.3	20.6	18.8	19.4	19.1	19.7	20.0
4H 2H	17.1	17.8	17.4	18.1	18.3	17.8	18.6	18.1	18.8	19.0
3H	18.3	19.0	18.7	19.3	19.6	18.9	19.5	19.2	19.8	20.1
4H	18.9	19.5	19.3	19.9	20.2	19.3	19.9	19.7	20.3	20.6
6H	19.5	20.0	19.9	20.4	20.8	19.6	20.2	20.0	20.5	20.9
8H	19.7	20.2	20.2	20.6	21.0	19.7	20.2	20.1	20.6	21.0
12H	20.0	20.5	20.5	20.9	21.3	19.7	20.2	20.2	20.6	21.0
8H 4H	19.1	19.6	19.5	20.0	20.4	19.5	20.0	19.9	20.3	20.7
6H	19.7	20.1	20.1	20.5	21.0	20.0	20.4	20.4	20.8	21.3
8H	20.0	20.3	20.4	20.8	21.3	20.2	20.5	20.6	21.0	21.5
12H	20.3	20.6	20.8	21.1	21.6	20.3	20.6	20.8	21.1	21.6
12H 4H	19.1	19.6	19.5	20.0	20.4	19.4	19.9	19.9	20.3	20.7
6H	19.7	20.1	20.2	20.5	21.0	20.0	20.4	20.5	20.8	21.3
8H	20.0	20.3	20.5	20.8	21.3	20.2	20.6	20.7	21.0	21.5
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.4					+ 0.9 / - 0.7				
1.5H	+ 1.4 / - 0.4					+ 1.8 / - 0.9				
2.0H	+ 0.6 / - 0.9					+ 0.4 / - 0.6				

CIE Pub.117 Corrected 694.7 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.3)

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:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

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
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	85	78	74	84	78	74	84	78	74	70
0.80	92	86	82	92	86	82	90	85	82	78
1.00	97	91	87	96	90	87	94	90	86	82
1.25	101	95	92	100	95	91	98	94	90	86
1.50	104	99	95	103	98	95	100	96	93	88
2.00	107	102	99	105	101	98	102	99	96	91
2.50	109	105	101	107	103	100	104	101	98	92
3.00	110	107	104	109	105	103	105	102	100	93
4.00	113	110	107	111	108	106	107	105	103	95
5.00	114	112	110	112	110	108	108	106	105	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

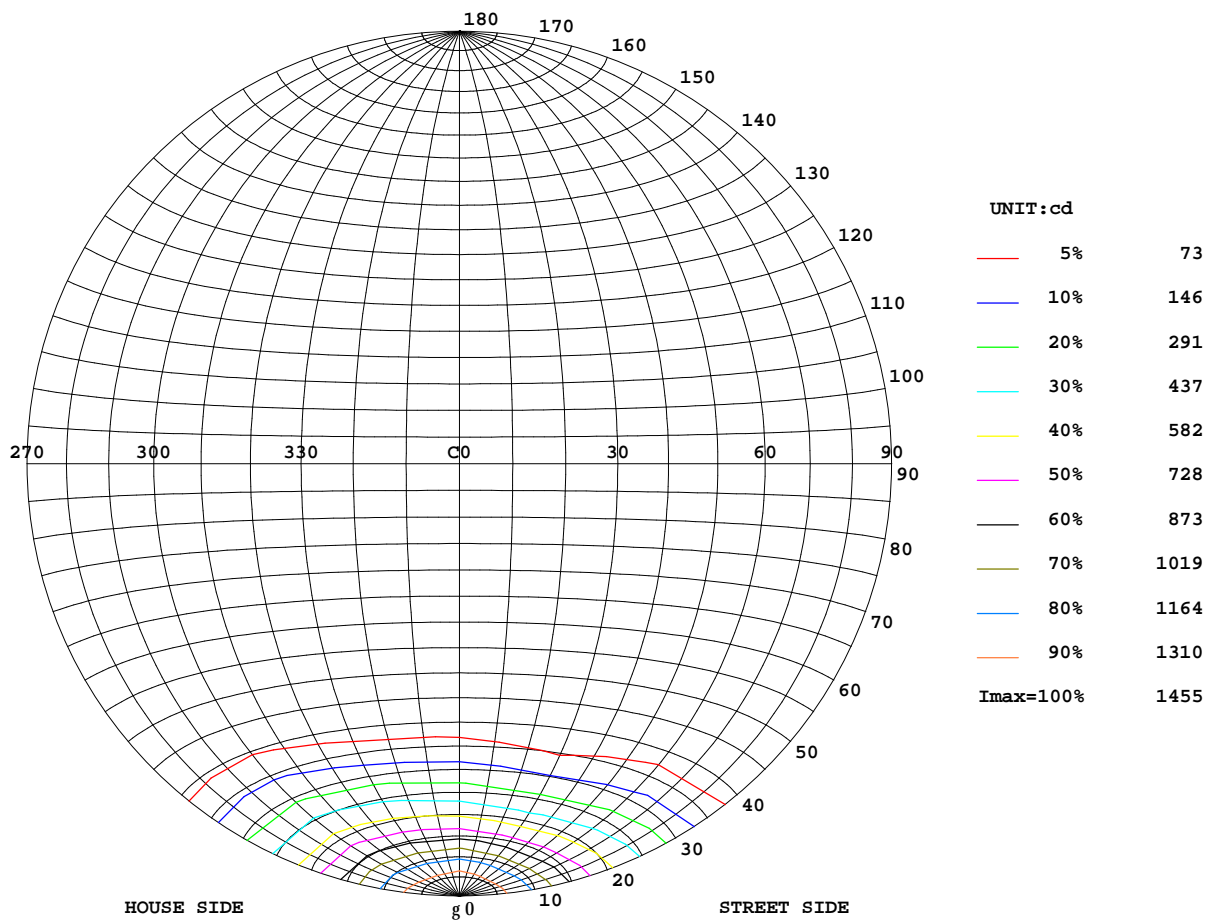
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:



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

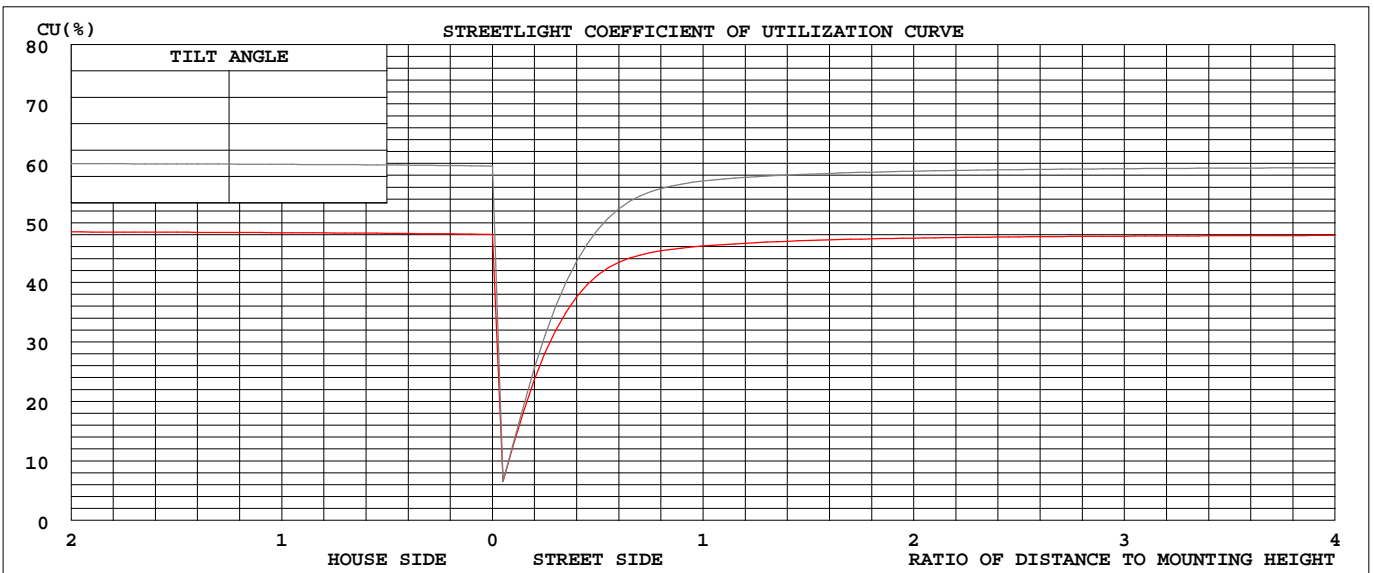
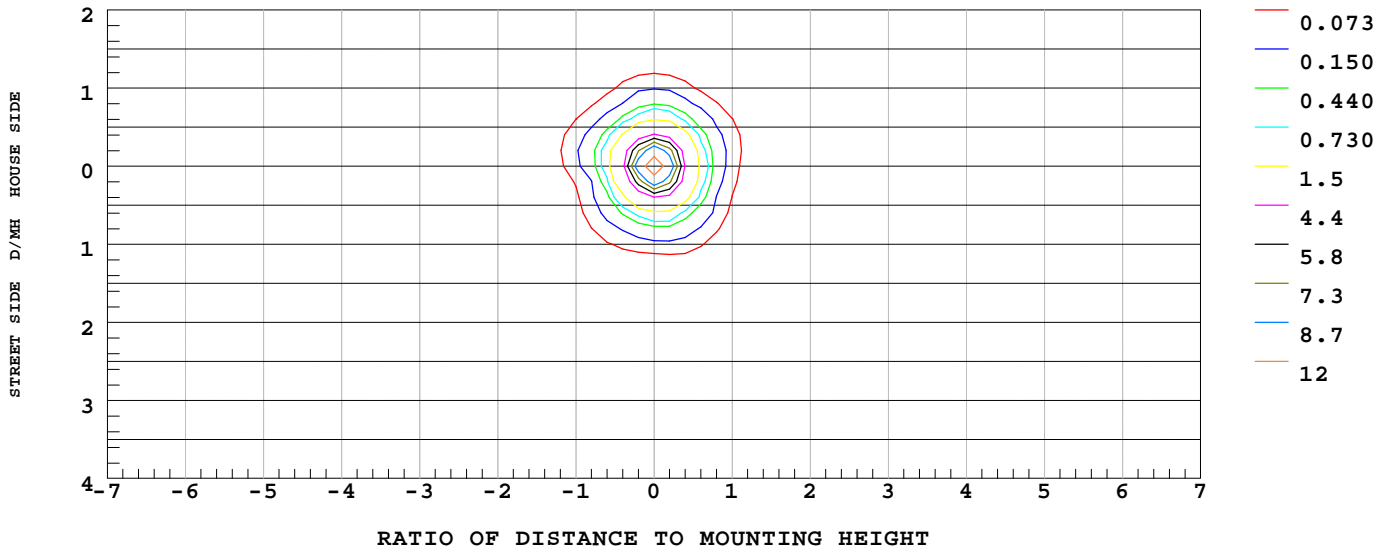
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 14.55 lx



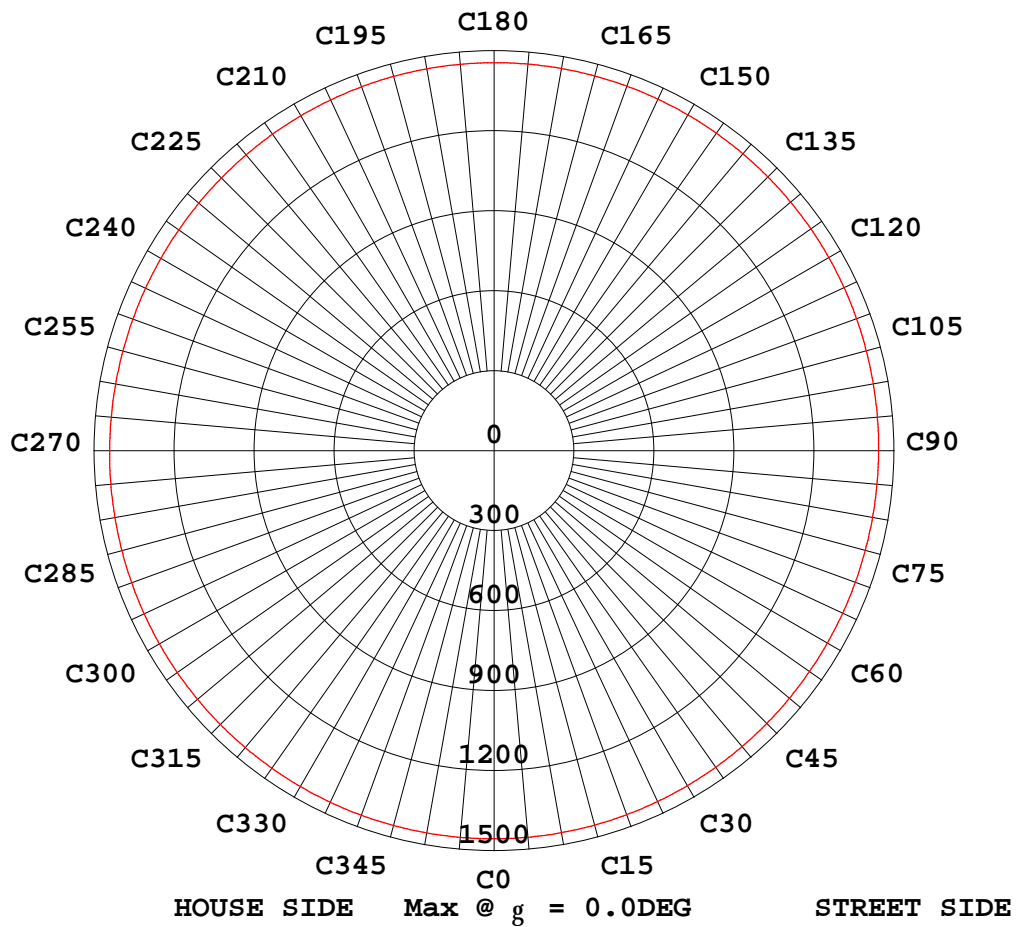
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	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:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1455	1450	1443	1442	1450	1454	1455	1450	1443	1442	1450	1454
5.0	1368	1339	1332	1357	1378	1367	1379	1396	1384	1354	1346	1375
10.0	1134	1095	1093	1148	1189	1154	1166	1196	1192	1157	1128	1157
15.0	830	781	791	857	914	872	881	919	924	884	844	868
20.0	563	515	549	615	673	636	614	647	666	642	603	614
25.0	366	324	361	425	483	437	405	431	457	450	415	411
30.0	188	149	184	235	284	232	212	245	268	257	223	224
35.0	92.2	68.2	101	113	149	117	94.6	106	122	101	107	114
40.0	43.9	32.2	47.5	48.6	73.0	46.9	39.5	56.7	56.2	63.5	43.0	56.4
45.0	31.0	24.2	32.3	30.2	39.6	29.6	26.5	34.8	31.7	37.5	28.7	34.6
50.0	24.3	18.3	23.4	19.7	26.8	19.3	19.5	25.9	21.1	26.4	19.9	25.8
55.0	21.8	16.8	20.9	17.6	22.8	17.9	18.1	22.3	18.3	22.9	18.3	22.3
60.0	18.7	13.1	17.3	14.4	19.5	13.7	13.8	18.4	14.5	18.2	14.2	19.2
65.0	13.6	9.74	13.1	10.3	14.3	10.1	10.0	13.2	9.67	13.1	10.3	14.0
70.0	10.8	7.10	10.4	7.55	11.5	7.69	7.69	10.7	7.06	9.92	7.76	11.4
75.0	7.90	4.52	7.48	4.76	8.52	5.25	5.43	8.18	4.56	6.89	5.22	8.70
80.0	5.25	2.33	4.90	2.50	5.88	2.99	3.41	5.91	2.47	4.28	3.13	6.30
85.0	3.23	0.91	3.16	0.91	3.72	1.11	1.77	4.03	1.25	2.71	1.56	4.24
90.0	2.40	0.59	2.29	0.59	2.43	0.56	0.87	2.57	0.66	2.43	0.63	2.54
95.0	2.26	0.63	2.12	0.59	2.22	0.59	0.91	2.29	0.66	2.26	0.66	2.29
100.0	2.12	0.66	1.98	0.59	2.05	0.59	0.94	2.15	0.70	2.12	0.66	2.12
105.0	1.98	0.66	1.87	0.63	1.94	0.63	0.94	2.05	0.70	2.01	0.66	2.01
110.0	1.87	0.70	1.81	0.63	1.84	0.66	0.94	1.91	0.70	1.87	0.70	1.87
115.0	1.81	0.73	1.74	0.66	1.77	0.70	0.97	1.81	0.70	1.81	0.70	1.81
120.0	1.74	0.77	1.67	0.70	1.70	0.70	0.97	1.74	0.73	1.70	0.73	1.70
125.0	1.67	0.80	1.60	0.77	1.63	0.77	1.00	1.67	0.77	1.63	0.77	1.67
130.0	1.67	0.91	1.63	0.84	1.63	0.84	1.07	1.63	0.80	1.63	0.87	1.63
135.0	1.74	1.04	1.70	1.00	1.67	0.97	1.21	1.63	0.91	1.67	0.97	1.67
140.0	1.84	1.25	1.84	1.21	1.81	1.18	1.39	1.70	1.07	1.77	1.18	1.81
145.0	2.05	1.56	2.05	1.49	1.98	1.46	1.67	1.87	1.32	1.94	1.46	1.98
150.0	2.33	1.94	2.36	1.84	2.22	1.81	2.01	2.12	1.63	2.22	1.81	2.26
155.0	2.68	2.36	2.71	2.22	2.57	2.19	2.43	2.43	1.98	2.54	2.22	2.61
160.0	3.09	2.78	3.09	2.64	2.92	2.61	2.88	2.81	2.43	2.92	2.64	2.99
165.0	3.48	3.20	3.44	3.02	3.27	3.02	3.34	3.20	2.85	3.30	3.02	3.34
170.0	3.79	3.48	3.68	3.37	3.55	3.34	3.72	3.55	3.20	3.62	3.34	3.65
175.0	4.00	3.65	3.82	3.58	3.75	3.82	3.96	3.79	3.44	3.82	3.51	3.82
180.0	4.10	3.89	3.58	3.89	3.55	3.86	4.10	3.89	3.58	3.89	3.55	3.86

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: