

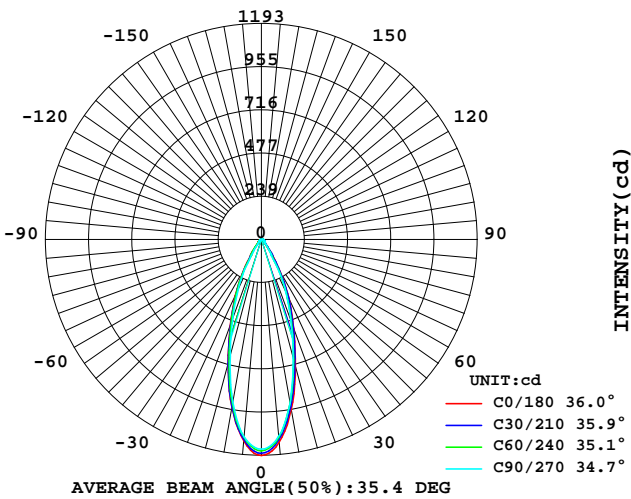
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

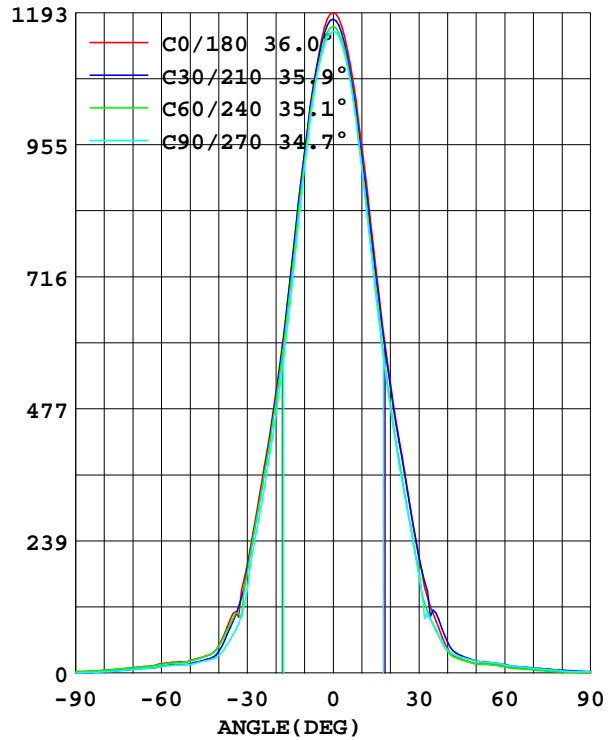
MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1193	S/MH(C0/180)	0.57
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.55
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	563.1	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	62.7	Current(A)	0.076
NOMINAL FLUX(lm)	563.1	h up(%)	1.6	Power(W)	8.980
LAMPS QUANTITY	1	h down(%)	98.4	Power Factor(PF)	0.969
TEST VOLTAGE(V)	120.7	Effective Flux(lm)	563.1	EET	0.185

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



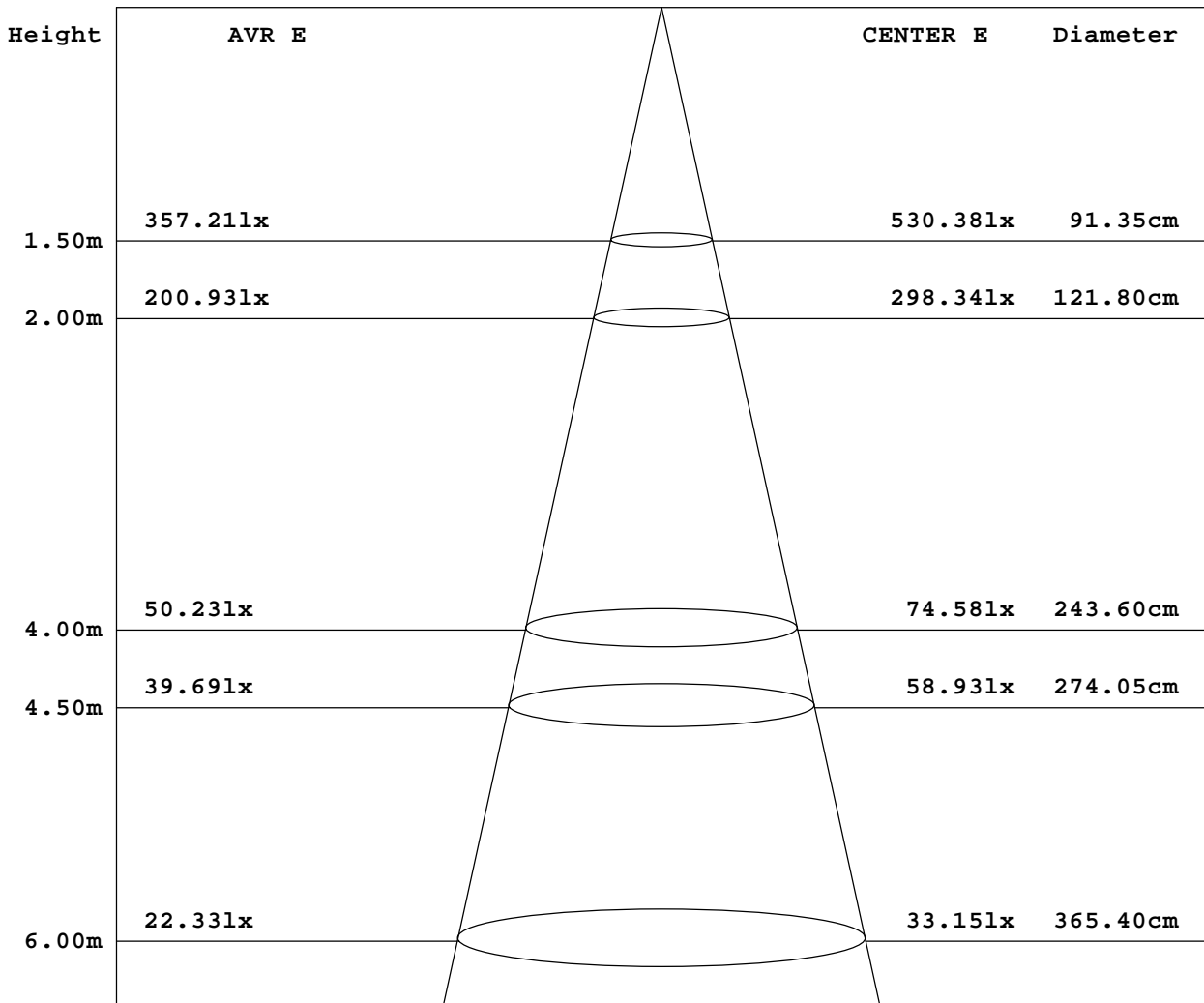
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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): 2700	DIMENSION:	SERIAL No.:



Angle: 33.9deg

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:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tTotal
5.0	1117	1105	1096	1100	1126	1106	1095	1100	0- 5	27.23	27.23
10.0	941.2	932.5	915.4	916.0	955.1	928.1	917.3	926.6	5- 10	72.55	99.78
15.0	712.6	702.0	669.1	679.5	730.4	703.7	680.1	693.9	10- 15	95.63	195.4
20.0	506.0	492.9	464.0	481.1	525.3	502.3	478.7	486.3	15- 20	96.41	291.8
25.0	344.6	332.7	305.1	326.9	365.1	344.4	321.5	326.0	20- 25	85.16	377.0
30.0	195.1	185.0	149.4	174.9	208.7	199.6	175.6	186.6	25- 30	65.00	442.0
35.0	107.2	95.50	68.92	83.02	106.7	100.5	85.84	85.45	30- 35	36.48	478.4
40.0	48.83	42.90	31.25	37.24	43.75	47.09	41.38	38.86	35- 40	21.65	500.1
45.0	29.90	26.61	21.54	24.74	24.61	27.27	28.30	25.44	40- 45	11.67	511.8
50.0	22.24	19.09	15.52	17.85	16.49	18.91	21.37	18.86	45- 50	8.993	520.8
55.0	19.45	16.41	13.95	16.22	15.31	16.81	18.83	16.86	50- 55	7.594	528.4
60.0	16.67	13.80	11.45	13.24	11.73	13.19	15.03	14.04	55- 60	7.093	535.5
65.0	12.00	10.06	8.458	9.990	8.493	9.503	11.13	10.21	60- 65	5.521	541.0
70.0	9.642	7.936	6.161	7.849	6.509	7.292	8.389	8.162	65- 70	4.508	545.5
75.0	7.136	5.656	3.933	5.639	4.629	5.186	5.917	5.935	70- 75	3.458	548.9
80.0	4.908	3.585	2.088	3.672	2.958	3.411	3.829	4.072	75- 80	2.430	551.4
85.0	3.202	2.053	0.835	2.071	1.566	2.245	2.541	2.558	80- 85	1.542	552.9
90.0	2.401	1.427	0.557	1.374	0.835	1.514	2.297	1.496	85- 90	0.963	553.9
95.0	2.227	1.357	0.557	1.305	0.835	1.427	2.158	1.392	90- 95	0.784	554.7
100.0	2.088	1.287	0.592	1.253	0.870	1.374	2.018	1.340	95-100	0.742	555.4
105.0	1.949	1.253	0.627	1.200	0.870	1.322	1.914	1.270	100-105	0.703	556.1
110.0	1.844	1.218	0.627	1.183	0.905	1.270	1.810	1.218	105-110	0.662	556.8
115.0	1.775	1.166	0.661	1.131	0.905	1.218	1.705	1.166	110-115	0.620	557.4
120.0	1.705	1.148	0.661	1.113	0.940	1.183	1.636	1.148	115-120	0.581	558.0
125.0	1.636	1.166	0.731	1.113	0.975	1.166	1.566	1.131	120-125	0.543	558.5
130.0	1.636	1.200	0.801	1.131	1.009	1.200	1.531	1.131	125-130	0.512	559.0
135.0	1.670	1.287	0.905	1.218	1.148	1.235	1.531	1.183	130-135	0.494	559.5
140.0	1.775	1.409	1.044	1.340	1.322	1.374	1.601	1.305	135-140	0.487	560.0
145.0	1.949	1.583	1.287	1.514	1.531	1.531	1.740	1.479	140-145	0.489	560.5
150.0	2.158	1.827	1.566	1.757	1.810	1.757	1.949	1.705	145-150	0.495	561.0
155.0	2.436	2.140	1.879	2.071	2.158	2.053	2.193	2.018	150-155	0.493	561.5
160.0	2.715	2.471	2.227	2.384	2.541	2.384	2.506	2.332	155-160	0.473	562.0
165.0	3.028	2.767	2.541	2.680	2.889	2.697	2.819	2.645	160-165	0.424	562.4
170.0	3.272	2.993	2.819	2.906	3.167	2.958	3.098	2.889	165-170	0.340	562.7
175.0	3.411	3.150	3.028	3.063	3.376	3.115	3.237	3.063	170-175	0.220	562.9
180.0	3.481	3.185	3.306	3.115	3.481	3.185	3.306	3.115	175-180	0.076	563.0
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:

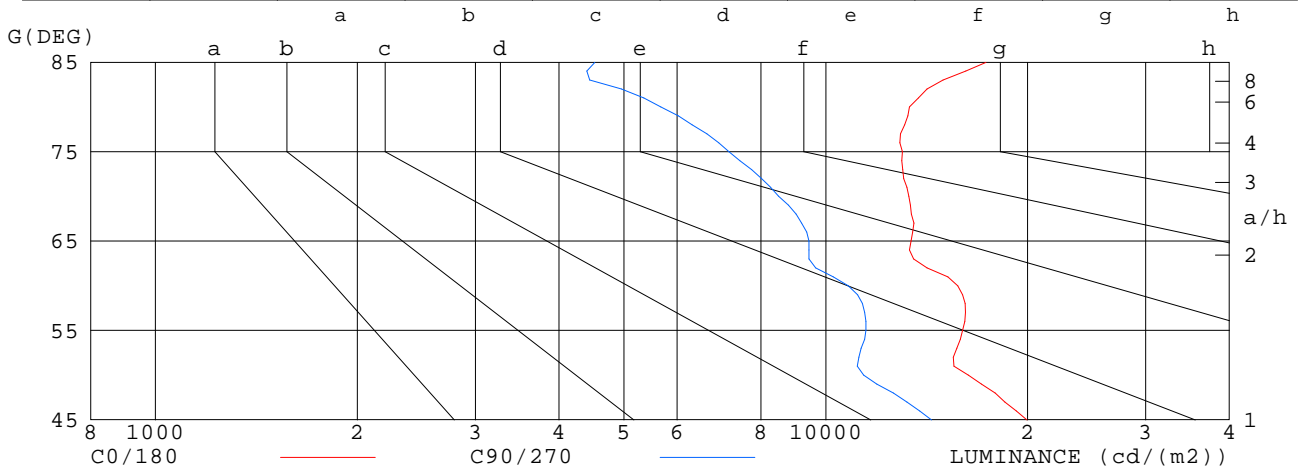
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:

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	17332	4522
80	13333	5673
75	13005	7169
70	13298	8497
65	13404	9441
60	15730	10804
55	16003	11479
50	16323	11393
45	19947	14374

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

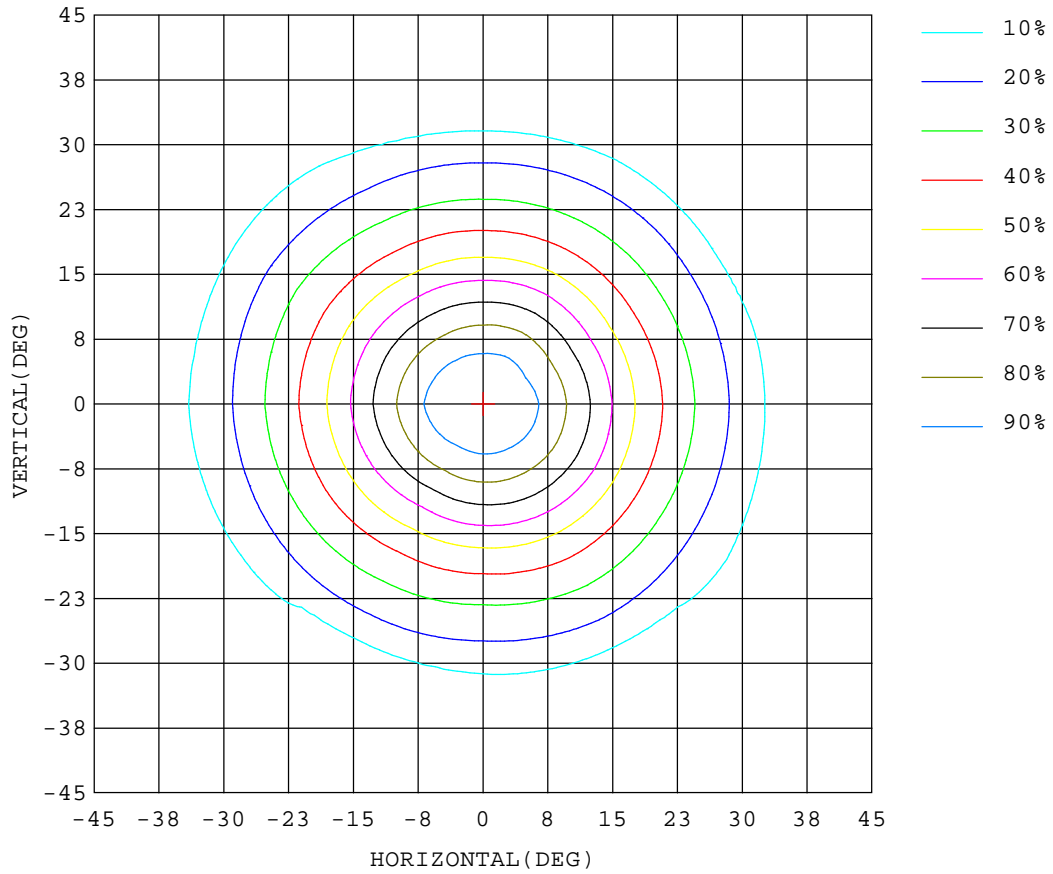
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:

UNIT: cd



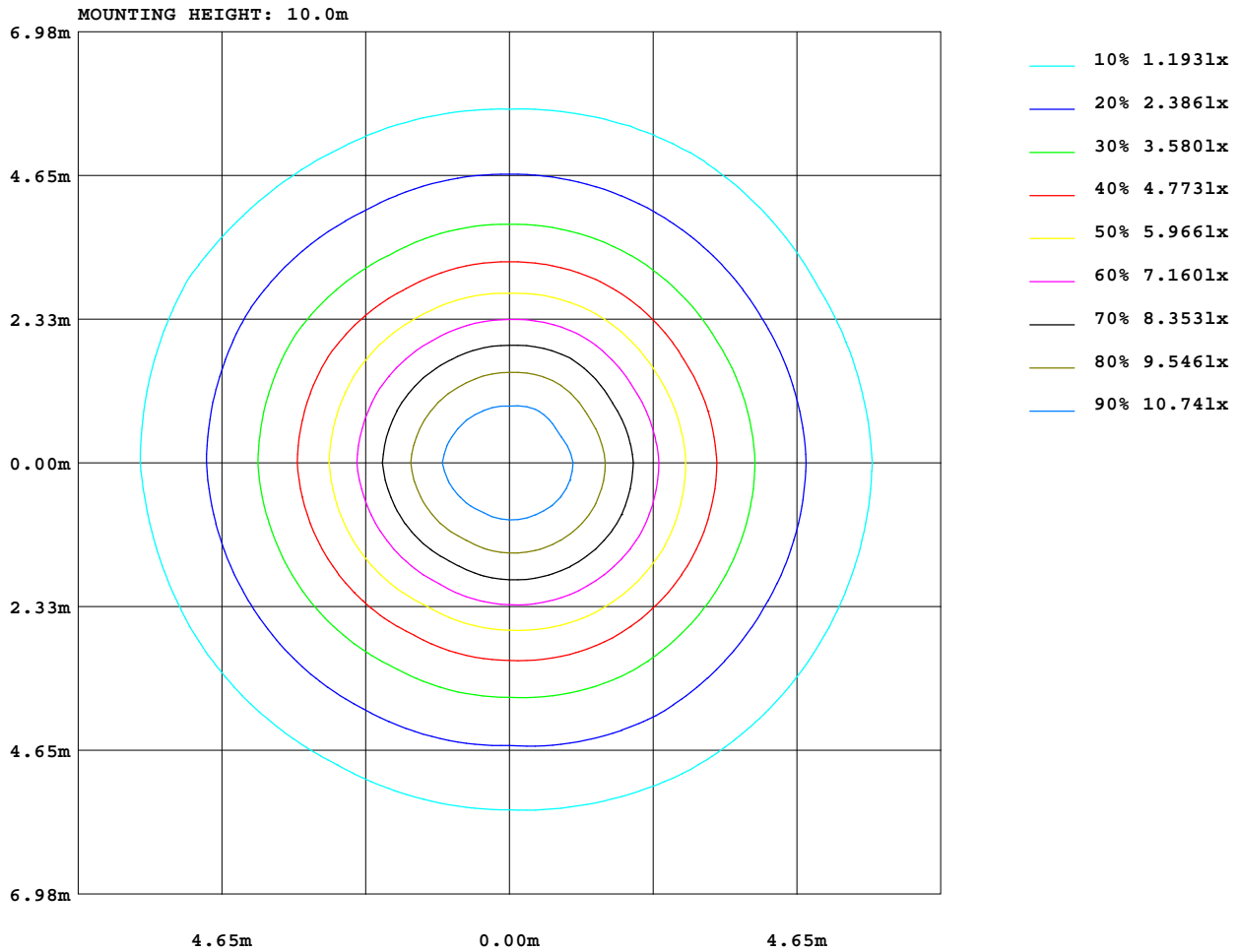
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/25

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): 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:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700		DIMENSION:
			SERIAL No.:

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	
45	0.09	0.11	0.11	0.13	0.15	0.17	0.20	0.23	0.25	0.25	0.22	0.19	0.16	0.14	0.13	0.11	0.11	0.10	2.85	2.85
40	0.11	0.12	0.14	0.17	0.21	0.26	0.35	0.42	0.46	0.45	0.39	0.31	0.23	0.18	0.16	0.14	0.12	0.10	4.33	4.33
35	0.11	0.15	0.19	0.26	0.38	0.53	0.68	0.80	0.87	0.86	0.76	0.61	0.44	0.32	0.22	0.17	0.14	0.11	7.60	7.60
30	0.13	0.18	0.27	0.47	0.69	0.96	1.33	1.69	1.87	1.88	1.69	1.32	0.86	0.58	0.39	0.23	0.17	0.13	14.8	14.8
25	0.14	0.22	0.45	0.73	1.15	1.75	2.30	2.74	2.98	2.98	2.73	2.29	1.69	0.98	0.62	0.36	0.20	0.15	24.5	24.5
20	0.16	0.29	0.62	1.06	1.80	2.59	3.30	3.93	4.32	4.33	3.94	3.25	2.46	1.63	0.84	0.53	0.26	0.16	35.5	35.5
15	0.17	0.36	0.75	1.43	2.39	3.37	4.40	5.36	5.98	6.01	5.38	4.29	3.18	2.19	1.23	0.65	0.34	0.18	47.7	47.7
10	0.18	0.42	0.88	1.73	2.82	4.03	5.45	6.77	7.57	7.61	6.75	5.29	3.84	2.63	1.58	0.76	0.41	0.19	58.9	58.9
5	0.18	0.45	0.96	1.89	3.05	4.44	6.13	7.68	8.59	8.55	7.59	6.00	4.28	2.89	1.77	0.86	0.46	0.20	66.0	66.0
0	0.17	0.43	0.93	1.87	3.02	4.40	6.09	7.66	8.55	8.58	7.66	6.05	4.31	2.91	1.78	0.86	0.45	0.20	65.9	65.9
-5	0.16	0.38	0.81	1.65	2.73	3.92	5.32	6.67	7.52	7.59	6.80	5.41	3.90	2.65	1.60	0.78	0.40	0.18	58.5	58.5
-10	0.15	0.30	0.65	1.28	2.25	3.22	4.24	5.17	5.88	5.97	5.38	4.35	3.24	2.22	1.29	0.65	0.31	0.16	46.7	46.7
-15	0.13	0.22	0.48	0.88	1.63	2.45	3.16	3.78	4.20	4.26	3.93	3.28	2.50	1.67	0.92	0.50	0.23	0.14	34.4	34.4
-20	0.11	0.16	0.31	0.59	0.95	1.60	2.20	2.63	2.87	2.90	2.72	2.32	1.71	1.04	0.64	0.33	0.17	0.12	23.4	23.4
-25	0.10	0.14	0.20	0.36	0.58	0.79	1.15	1.54	1.75	1.78	1.64	1.31	0.92	0.67	0.41	0.21	0.14	0.10	13.8	13.8
-30	0.09	0.12	0.16	0.22	0.33	0.47	0.60	0.68	0.76	0.78	0.74	0.68	0.59	0.40	0.24	0.17	0.12	0.09	7.22	7.22
-35	0.08	0.10	0.13	0.17	0.21	0.26	0.31	0.35	0.37	0.39	0.40	0.37	0.31	0.24	0.18	0.14	0.10	0.09	4.17	4.17
-40	0.08	0.10	0.11	0.14	0.17	0.18	0.19	0.20	0.20	0.20	0.21	0.21	0.20	0.18	0.15	0.12	0.10	0.08	2.81	2.81
-45	0.08	0.10	0.11	0.14	0.17	0.18	0.19	0.20	0.20	0.20	0.21	0.21	0.20	0.18	0.15	0.12	0.10	0.08	2.81	2.81
	-45	-40	-35	-30	-25	-20	-15	-10	0	10	15	20	25	30	35	40	45			
Φ t	2.33	4.23	8.15	15.0	24.5	35.4	47.4	58.3	65.0	65.4	58.9	47.5	34.8	23.5	14.1	7.57	4.22	2.49	563	
Φ a	2.33	4.23	8.15	15.0	24.5	35.4	47.4	58.3	65.0	65.4	58.9	47.5	34.8	23.5	14.1	7.57	4.22	2.49		563

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

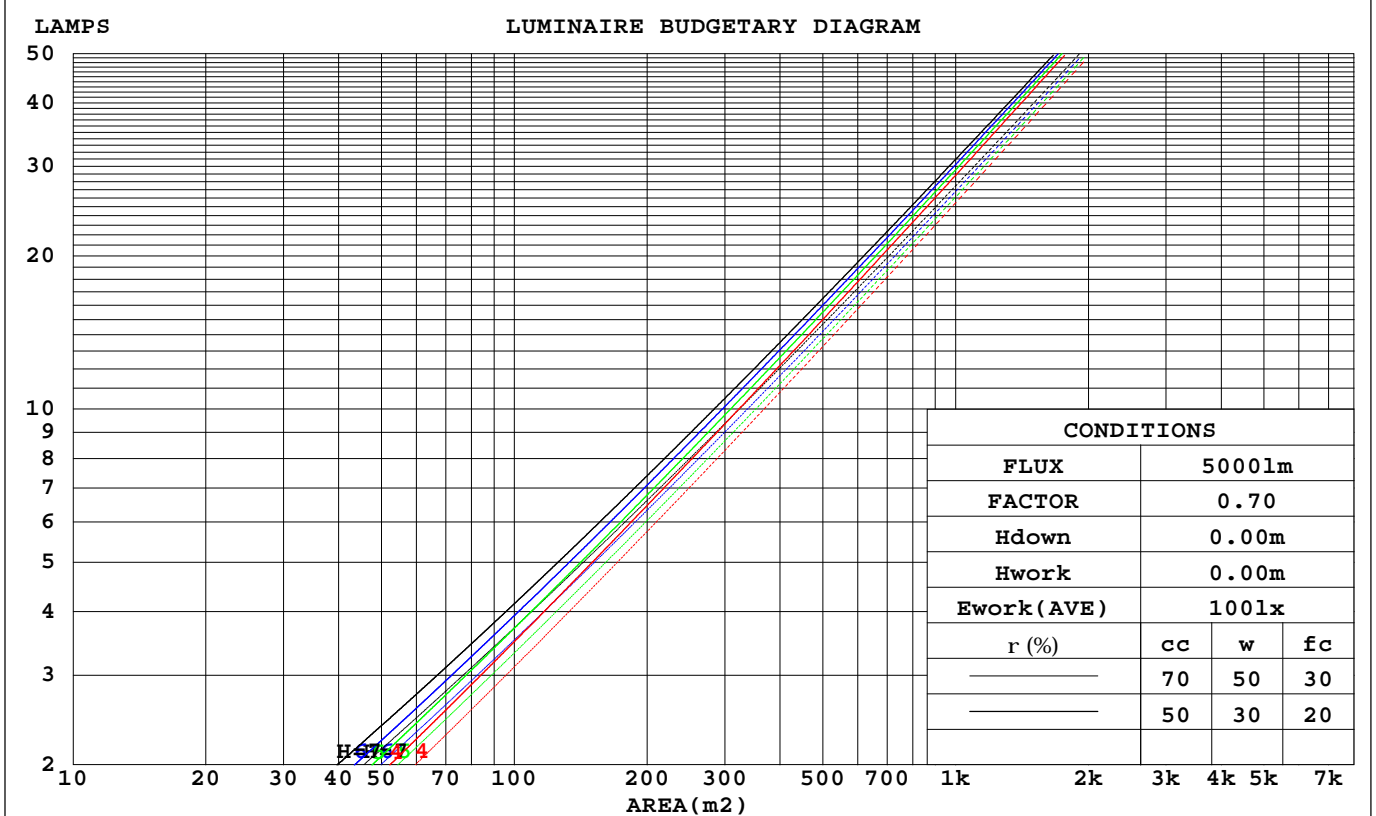
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700		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	.98
1.0	1.10	1.08	1.05	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	.97	.94	.98	.95	.92	.94	.92	.90	.91	.89	.88	.86
3.0	.96	.92	.88	.95	.90	.87	.92	.88	.85	.89	.86	.84	.87	.85	.82	.81
4.0	.91	.85	.81	.90	.85	.81	.87	.83	.80	.85	.82	.79	.83	.80	.78	.76
5.0	.86	.80	.76	.85	.80	.76	.83	.78	.75	.81	.77	.74	.79	.76	.73	.72
6.0	.81	.76	.72	.80	.75	.71	.79	.74	.71	.77	.73	.70	.76	.72	.70	.68
7.0	.77	.72	.68	.76	.71	.67	.75	.70	.67	.74	.70	.67	.73	.69	.66	.65
8.0	.74	.68	.64	.73	.68	.64	.72	.67	.64	.71	.66	.63	.70	.66	.63	.62
9.0	.70	.65	.61	.70	.64	.61	.69	.64	.61	.68	.63	.60	.67	.63	.60	.59
10.0	.67	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.64	.60	.58	.56



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): 2700	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	.180	.102	.032	.173	.099	.031	.159	.091	.029	.147	.085	.027	.135	.079	.025	
2.0	.169	.092	.028	.163	.090	.028	.151	.084	.026	.141	.079	.025	.131	.074	.023	
3.0	.158	.084	.025	.153	.082	.025	.143	.078	.024	.134	.073	.023	.126	.070	.022	
4.0	.149	.077	.023	.144	.075	.022	.136	.072	.021	.128	.069	.021	.121	.065	.020	
5.0	.140	.071	.021	.136	.070	.020	.129	.067	.020	.122	.064	.019	.116	.062	.019	
6.0	.133	.066	.019	.129	.065	.019	.123	.063	.018	.117	.061	.018	.111	.058	.017	
7.0	.126	.062	.018	.123	.061	.017	.117	.059	.017	.112	.057	.017	.107	.055	.016	
8.0	.120	.059	.016	.117	.058	.016	.112	.056	.016	.107	.054	.016	.102	.053	.015	
9.0	.114	.055	.015	.112	.054	.015	.107	.053	.015	.103	.052	.015	.099	.050	.014	
10.0	.109	.052	.015	.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	.203	.203	.203	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.184	.170	.157	.157	.146	.135	.108	.100	.094	.062	.058	.054	.020	.019	.018	
2.0	.168	.145	.125	.144	.125	.108	.099	.086	.076	.057	.050	.044	.018	.016	.014	
3.0	.156	.126	.103	.133	.109	.089	.092	.076	.062	.053	.044	.037	.017	.014	.012	
4.0	.145	.111	.086	.124	.096	.075	.085	.067	.053	.049	.039	.031	.016	.013	.010	
5.0	.136	.100	.073	.116	.086	.064	.080	.060	.045	.046	.035	.027	.015	.012	.009	
6.0	.128	.090	.064	.110	.078	.055	.076	.055	.039	.044	.032	.023	.014	.011	.008	
7.0	.121	.083	.056	.104	.072	.049	.072	.050	.035	.042	.030	.021	.013	.010	.007	
8.0	.115	.076	.050	.099	.066	.044	.068	.046	.031	.040	.027	.018	.013	.009	.006	
9.0	.109	.071	.045	.094	.062	.039	.065	.043	.028	.038	.026	.017	.012	.008	.006	
10.0	.104	.066	.041	.090	.058	.036	.062	.041	.026	.036	.024	.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): 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	17.3	18.2	17.5	18.3	18.5	17.1	18.0	17.4	18.2	18.4
3H	18.2	19.0	18.5	19.3	19.5	17.9	18.7	18.2	18.9	19.2
4H	18.7	19.5	19.0	19.7	20.0	18.2	19.0	18.5	19.2	19.5
6H	19.2	19.9	19.5	20.2	20.5	18.4	19.1	18.7	19.4	19.6
8H	19.4	20.1	19.7	20.4	20.7	18.4	19.1	18.7	19.4	19.7
12H	19.6	20.3	20.0	20.6	20.9	18.4	19.1	18.7	19.4	19.7
4H 2H	17.5	18.3	17.8	18.6	18.8	17.4	18.2	17.7	18.4	18.7
3H	18.6	19.3	18.9	19.6	19.9	18.5	19.2	18.9	19.5	19.8
4H	19.2	19.8	19.5	20.1	20.4	19.0	19.7	19.4	20.0	20.3
6H	19.7	20.3	20.1	20.6	21.0	19.4	19.9	19.8	20.3	20.7
8H	20.0	20.5	20.4	20.9	21.3	19.5	20.0	19.9	20.4	20.8
12H	20.3	20.8	20.8	21.2	21.6	19.5	20.0	20.0	20.4	20.8
8H 4H	19.3	19.8	19.7	20.2	20.6	19.2	19.7	19.7	20.1	20.5
6H	19.9	20.4	20.4	20.8	21.2	19.8	20.2	20.3	20.7	21.1
8H	20.3	20.6	20.7	21.1	21.6	20.1	20.4	20.5	20.9	21.4
12H	20.6	21.0	21.1	21.4	21.9	20.2	20.6	20.7	21.0	21.5
12H 4H	19.3	19.8	19.8	20.2	20.6	19.2	19.7	19.7	20.1	20.5
6H	20.0	20.4	20.5	20.8	21.3	19.9	20.2	20.3	20.7	21.1
8H	20.3	20.6	20.8	21.1	21.6	20.2	20.5	20.7	21.0	21.5
Variations with the observer position at spacings:										
S = 1.0H	+ 1.0 / - 0.6					+ 0.5 / - 0.5				
1.5H	+ 2.1 / - 0.7					+ 0.9 / - 0.8				
2.0H	+ 0.7 / - 0.9					+ 0.3 / - 0.7				

CIE Pub.117 Corrected 563.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.0)

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): 2700	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	83	77	74	70
0.80	92	86	82	91	85	82	90	85	81	77
1.00	97	91	87	96	90	86	94	90	86	81
1.25	101	95	91	100	95	91	98	93	90	85
1.50	104	98	95	102	98	94	100	96	93	88
2.00	107	102	99	105	101	98	102	99	96	90
2.50	109	104	101	107	103	100	103	100	98	92
3.00	110	107	104	108	105	102	105	102	100	93
4.00	113	109	107	110	108	105	106	104	103	95
5.00	114	111	109	112	109	108	107	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

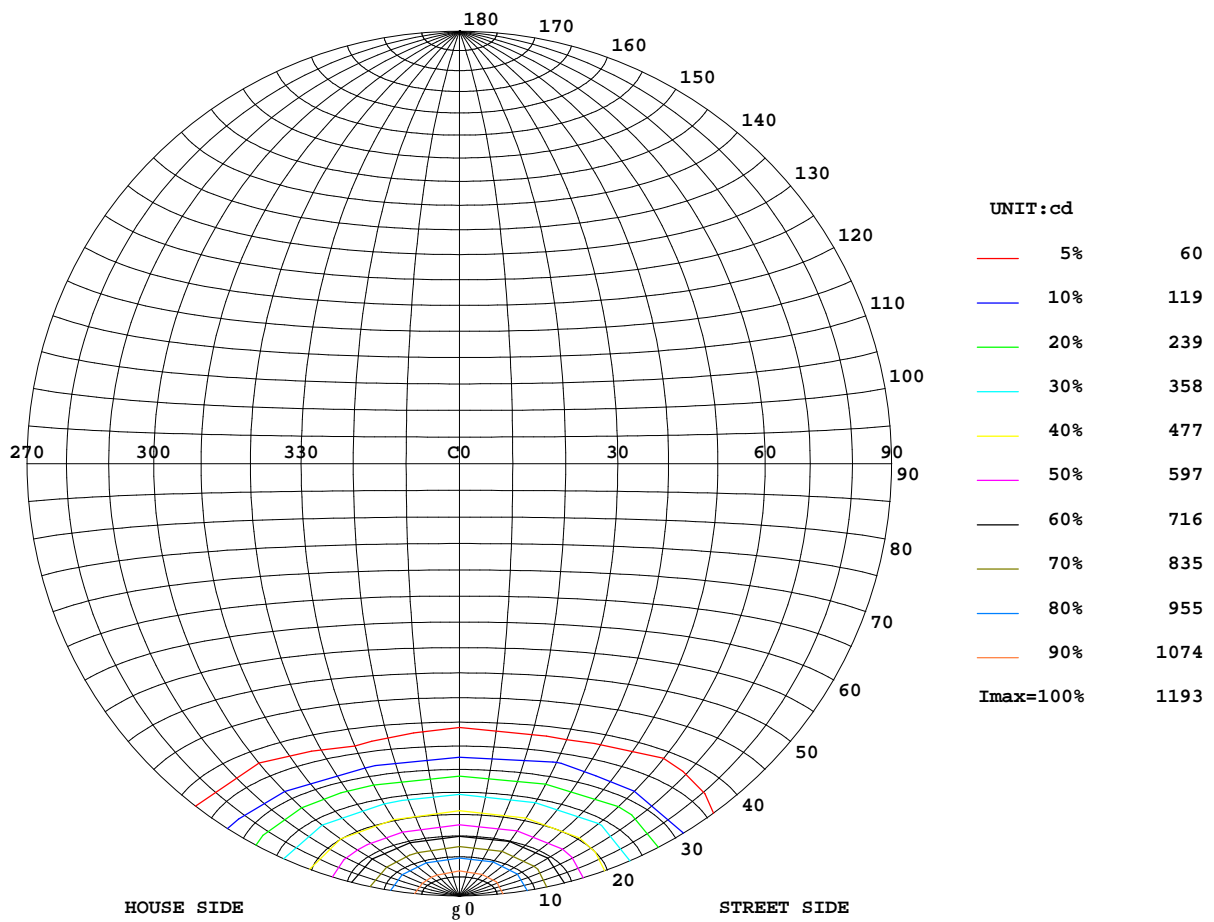
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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): 2700	DIMENSION:	SERIAL No.:



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

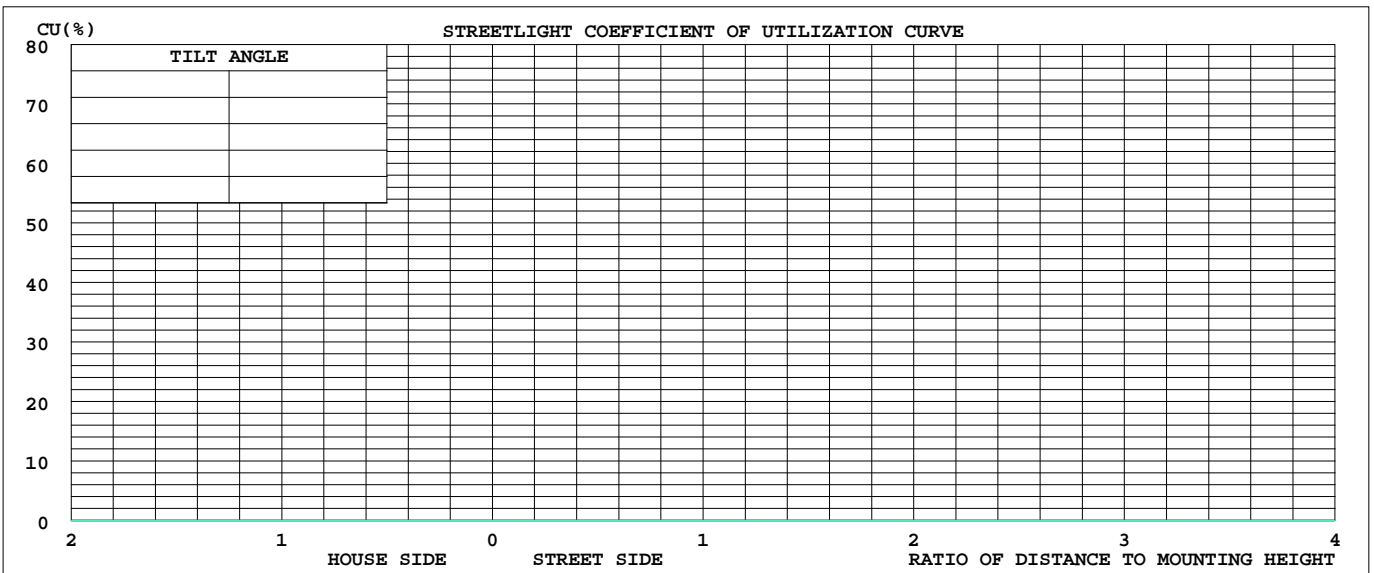
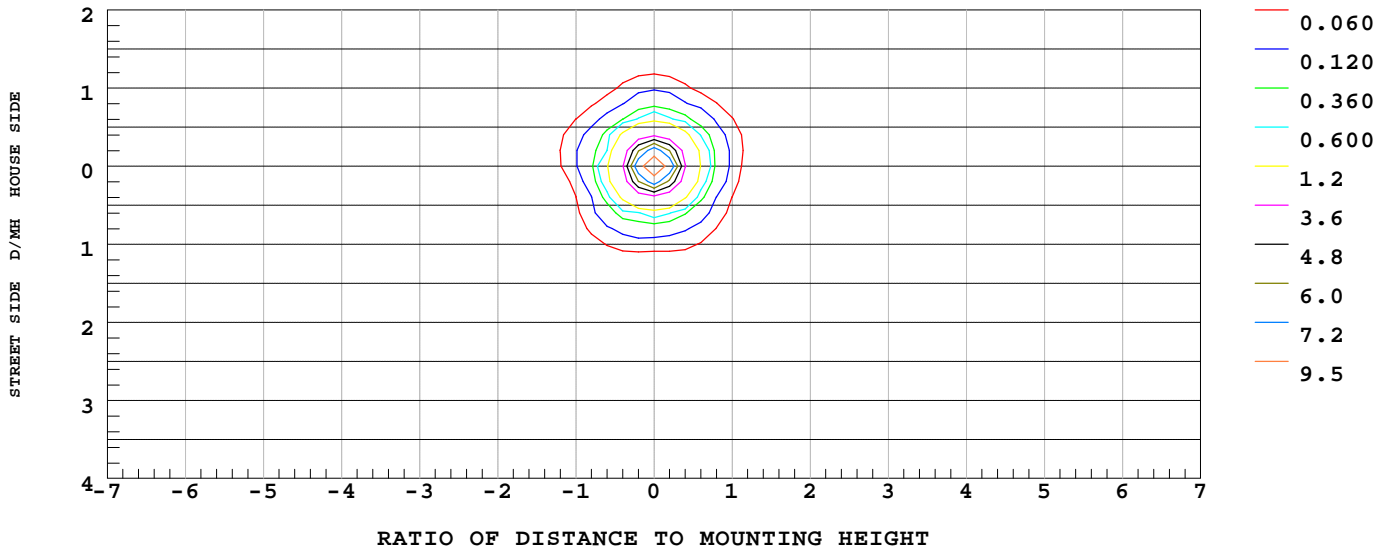
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 11.93 lx



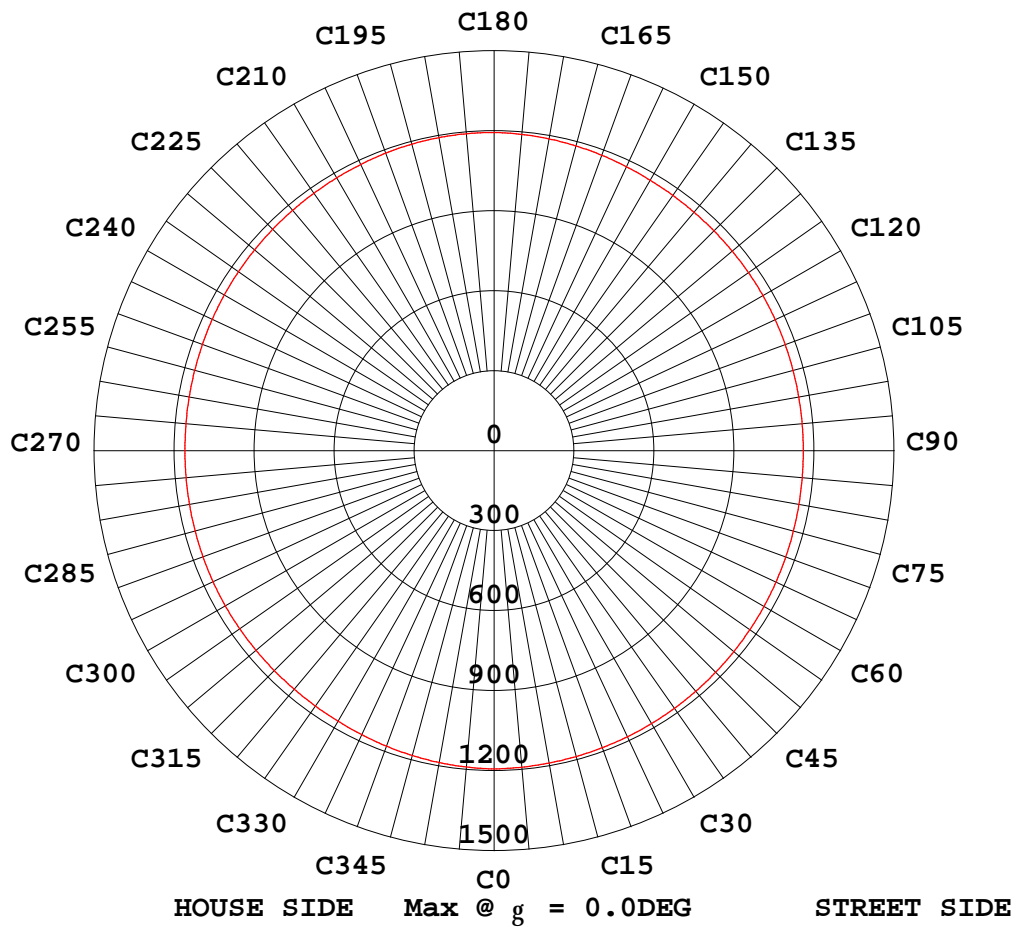
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/25

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): 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:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1193	1182	1169	1160	1164	1171	1193	1182	1169	1160	1164	1171
5.0	1117	1111	1098	1096	1094	1107	1126	1113	1100	1095	1104	1096
10.0	941	940	925	915	902	930	955	938	919	917	931	922
15.0	713	710	694	669	661	698	730	717	690	680	696	692
20.0	506	497	489	464	465	498	525	518	487	479	485	488
25.0	345	334	332	305	315	339	365	362	327	322	325	327
30.0	195	190	181	149	161	189	209	211	188	176	194	179
35.0	107	92.6	98.3	68.9	77.4	88.5	107	114	87.4	85.8	73.0	97.8
40.0	48.8	38.3	47.4	31.2	37.6	36.8	43.7	55.3	38.8	41.3	32.4	45.2
45.0	29.9	23.5	29.6	21.5	26.5	22.9	24.6	30.9	23.6	28.3	21.9	28.8
50.0	22.2	16.7	21.4	15.5	19.9	15.7	16.4	21.5	16.2	21.3	16.4	21.3
55.0	19.4	14.6	18.1	13.9	17.9	14.4	15.3	19.0	14.6	18.8	14.8	18.8
60.0	16.6	12.0	15.5	11.4	15.0	11.4	11.7	15.2	11.1	15.0	12.0	16.0
65.0	12.0	8.45	11.6	8.45	11.5	8.38	8.49	11.3	7.65	11.1	8.63	11.8
70.0	9.64	6.40	9.46	6.16	9.29	6.40	6.50	9.12	5.46	8.38	6.68	9.64
75.0	7.13	4.24	7.06	3.93	6.85	4.42	4.62	6.96	3.41	5.91	4.49	7.37
80.0	4.90	2.40	4.76	2.08	4.73	2.61	2.95	5.08	1.74	3.82	2.74	5.39
85.0	3.20	0.94	3.16	0.84	3.06	1.07	1.56	3.55	0.94	2.54	1.42	3.68
90.0	2.40	0.56	2.29	0.56	2.22	0.52	0.84	2.40	0.63	2.29	0.63	2.36
95.0	2.22	0.59	2.12	0.56	2.05	0.56	0.84	2.22	0.63	2.15	0.59	2.19
100.0	2.08	0.59	1.98	0.59	1.94	0.56	0.87	2.08	0.66	2.01	0.63	2.05
105.0	1.94	0.63	1.87	0.63	1.81	0.59	0.87	1.98	0.66	1.91	0.63	1.91
110.0	1.84	0.66	1.77	0.63	1.74	0.63	0.91	1.87	0.66	1.81	0.63	1.81
115.0	1.77	0.66	1.67	0.66	1.63	0.63	0.91	1.77	0.66	1.70	0.63	1.70
120.0	1.70	0.70	1.60	0.66	1.56	0.66	0.94	1.67	0.70	1.63	0.66	1.63
125.0	1.63	0.77	1.56	0.73	1.53	0.70	0.97	1.60	0.73	1.56	0.70	1.56
130.0	1.63	0.84	1.56	0.80	1.49	0.77	1.00	1.60	0.80	1.53	0.73	1.53
135.0	1.67	0.97	1.60	0.91	1.53	0.91	1.14	1.60	0.87	1.53	0.80	1.56
140.0	1.77	1.14	1.67	1.04	1.63	1.04	1.32	1.70	1.04	1.60	0.97	1.63
145.0	1.94	1.35	1.81	1.28	1.77	1.25	1.53	1.81	1.25	1.74	1.18	1.77
150.0	2.15	1.63	2.01	1.56	1.98	1.53	1.81	2.01	1.49	1.94	1.42	1.98
155.0	2.43	1.98	2.29	1.87	2.26	1.87	2.15	2.29	1.81	2.19	1.77	2.26
160.0	2.71	2.33	2.61	2.22	2.54	2.22	2.54	2.57	2.19	2.50	2.12	2.54
165.0	3.02	2.64	2.88	2.54	2.81	2.54	2.88	2.88	2.50	2.81	2.43	2.85
170.0	3.27	2.88	3.09	2.81	3.02	2.78	3.16	3.13	2.78	3.09	2.71	3.06
175.0	3.41	3.06	3.23	3.02	2.88	3.23	3.37	3.27	2.95	3.23	2.88	3.23
180.0	3.48	3.34	3.02	3.30	2.95	3.27	3.48	3.34	3.02	3.30	2.95	3.27

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: