

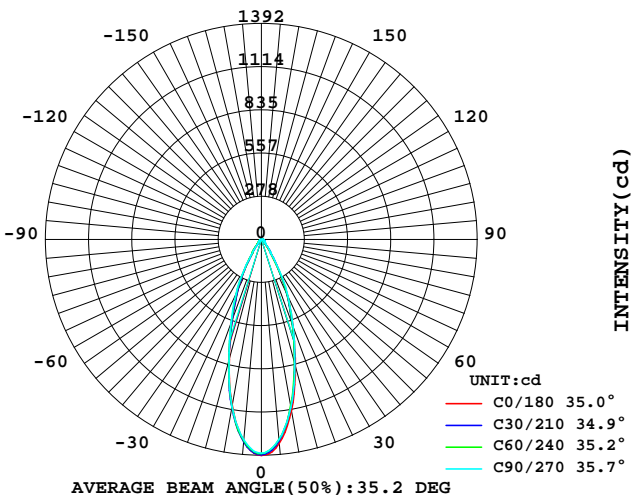
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

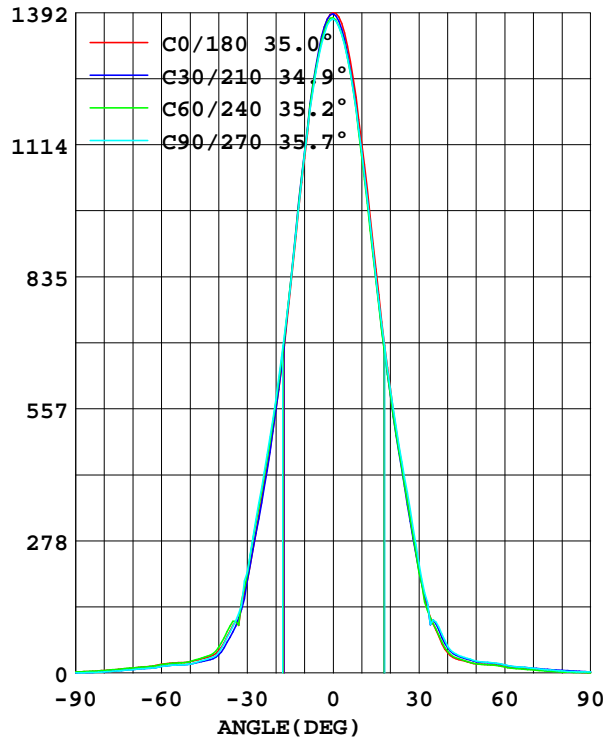
MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1393	S/MH(C0/180)	0.55
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.57
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	664.0	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	77.2	Current(A)	0.073
NOMINAL FLUX(lm)	664.0	h up(%)	1.5	Power(W)	8.600
LAMPS QUANTITY	1	h down(%)	98.5	Power Factor(PF)	0.967
TEST VOLTAGE(V)	120.7	Effective Flux(lm)	664.0	EET	0.156

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



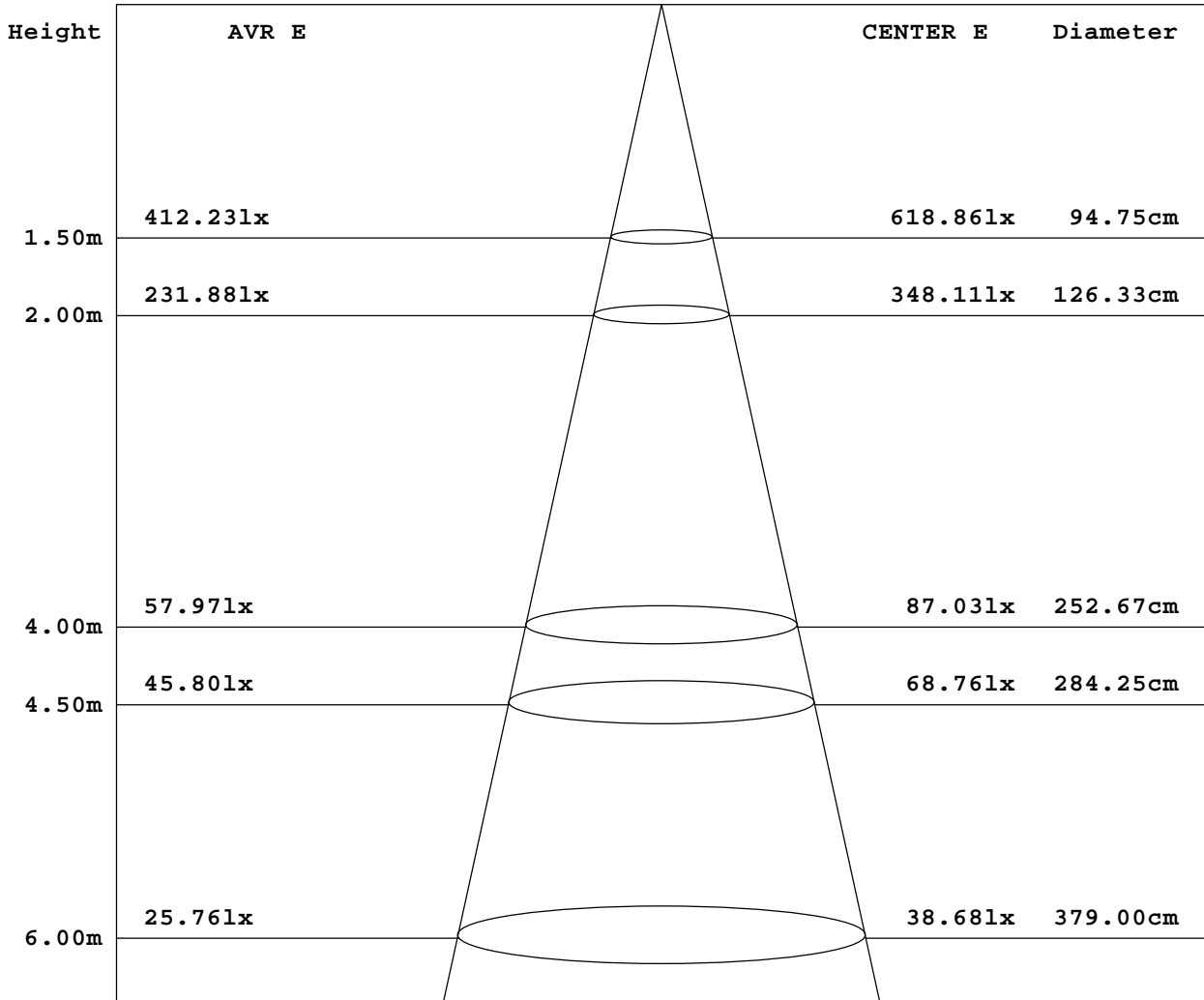
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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): 4000	DIMENSION:	SERIAL No.:



Angle: 35.1deg

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): 4000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tBtal
5.0	1305	1308	1299	1317	1322	1301	1297	1301	0- 5	32.18	32.18
10.0	1086	1098	1094	1118	1119	1096	1102	1090	5- 10	85.88	118.0
15.0	804.7	814.9	810.1	846.2	851.2	828.8	832.6	813.5	10- 15	113.5	231.6
20.0	553.8	561.0	574.4	612.8	600.4	586.5	598.1	575.2	15- 20	114.3	345.9
25.0	365.8	371.0	390.2	426.2	402.7	395.4	412.4	388.3	20- 25	100.9	446.9
30.0	193.9	201.1	212.4	236.3	219.3	215.2	232.8	208.9	25- 30	76.74	523.7
35.0	100.1	97.76	98.40	105.3	103.1	107.9	111.6	102.8	30- 35	43.47	567.1
40.0	46.68	45.72	43.09	53.72	42.71	49.18	56.60	46.43	35- 40	25.12	592.3
45.0	31.25	29.39	27.60	32.00	26.59	30.45	34.94	29.98	40- 45	13.62	605.9
50.0	23.98	21.56	18.65	21.91	18.90	21.40	25.20	21.91	45- 50	10.43	616.3
55.0	21.37	18.67	16.70	19.38	17.50	19.11	21.96	19.54	50- 55	8.775	625.1
60.0	18.27	15.73	13.68	15.90	13.47	14.89	17.50	16.03	55- 60	8.178	633.3
65.0	13.29	11.46	9.920	11.76	9.746	10.73	12.74	11.69	60- 65	6.342	639.6
70.0	10.58	9.015	7.205	9.276	7.484	8.197	9.607	9.242	65- 70	5.158	644.8
75.0	7.727	6.370	4.594	6.666	5.256	5.778	6.683	6.700	70- 75	3.936	648.7
80.0	5.186	3.968	2.401	4.333	3.341	3.742	4.212	4.542	75- 80	2.735	651.4
85.0	3.237	2.210	0.905	2.384	1.740	2.401	2.680	2.802	80- 85	1.697	653.1
90.0	2.436	1.496	0.557	1.514	0.870	1.566	2.401	1.566	85- 90	1.024	654.2
95.0	2.262	1.392	0.592	1.392	0.905	1.496	2.262	1.462	90- 95	0.820	655.0
100.0	2.123	1.340	0.592	1.322	0.940	1.409	2.123	1.392	95-100	0.775	655.8
105.0	2.018	1.287	0.627	1.287	0.940	1.357	1.984	1.357	100-105	0.732	656.5
110.0	1.914	1.253	0.661	1.218	0.940	1.305	1.879	1.287	105-110	0.690	657.2
115.0	1.810	1.235	0.696	1.200	0.975	1.253	1.810	1.253	110-115	0.648	657.8
120.0	1.740	1.218	0.696	1.183	0.975	1.235	1.705	1.218	115-120	0.608	658.4
125.0	1.705	1.218	0.766	1.166	1.044	1.218	1.636	1.200	120-125	0.569	659.0
130.0	1.670	1.235	0.870	1.218	1.113	1.218	1.601	1.235	125-130	0.539	659.5
135.0	1.740	1.340	0.975	1.287	1.218	1.305	1.636	1.322	130-135	0.523	660.1
140.0	1.844	1.496	1.183	1.462	1.392	1.427	1.740	1.462	135-140	0.522	660.6
145.0	2.053	1.740	1.462	1.670	1.670	1.636	1.914	1.688	140-145	0.531	661.1
150.0	2.332	2.053	1.775	1.966	1.984	1.914	2.158	1.966	145-150	0.544	661.7
155.0	2.645	2.384	2.158	2.314	2.367	2.245	2.471	2.332	150-155	0.549	662.2
160.0	3.028	2.784	2.541	2.680	2.819	2.645	2.819	2.697	155-160	0.532	662.7
165.0	3.376	3.150	2.924	3.045	3.272	3.028	3.202	3.080	160-165	0.481	663.2
170.0	3.689	3.446	3.237	3.324	3.620	3.341	3.515	3.376	165-170	0.387	663.6
175.0	3.863	3.602	3.446	3.672	3.863	3.550	3.724	3.550	170-175	0.252	663.9
180.0	3.968	3.637	3.794	3.585	3.968	3.637	3.794	3.585	175-180	0.088	663.9
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:

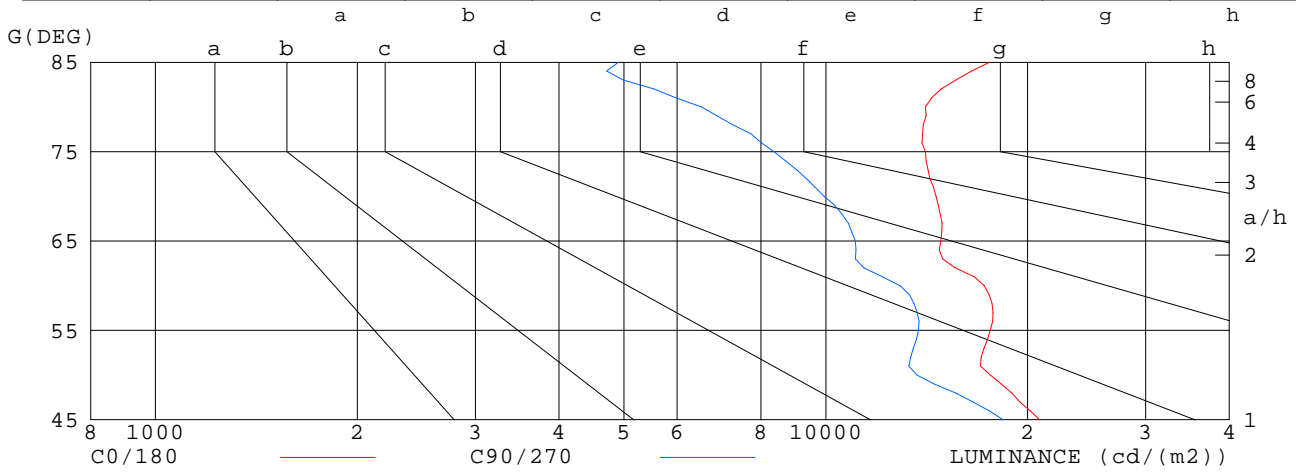
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	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



G (DEG)	LUMINANCE cd/m2	
	C0/180	C90/270
85	17521	4898
80	14089	6524
75	14084	8374
70	14595	9938
65	14842	11073
60	17241	12906
55	17577	13741
50	17600	13692
45	20853	18414

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

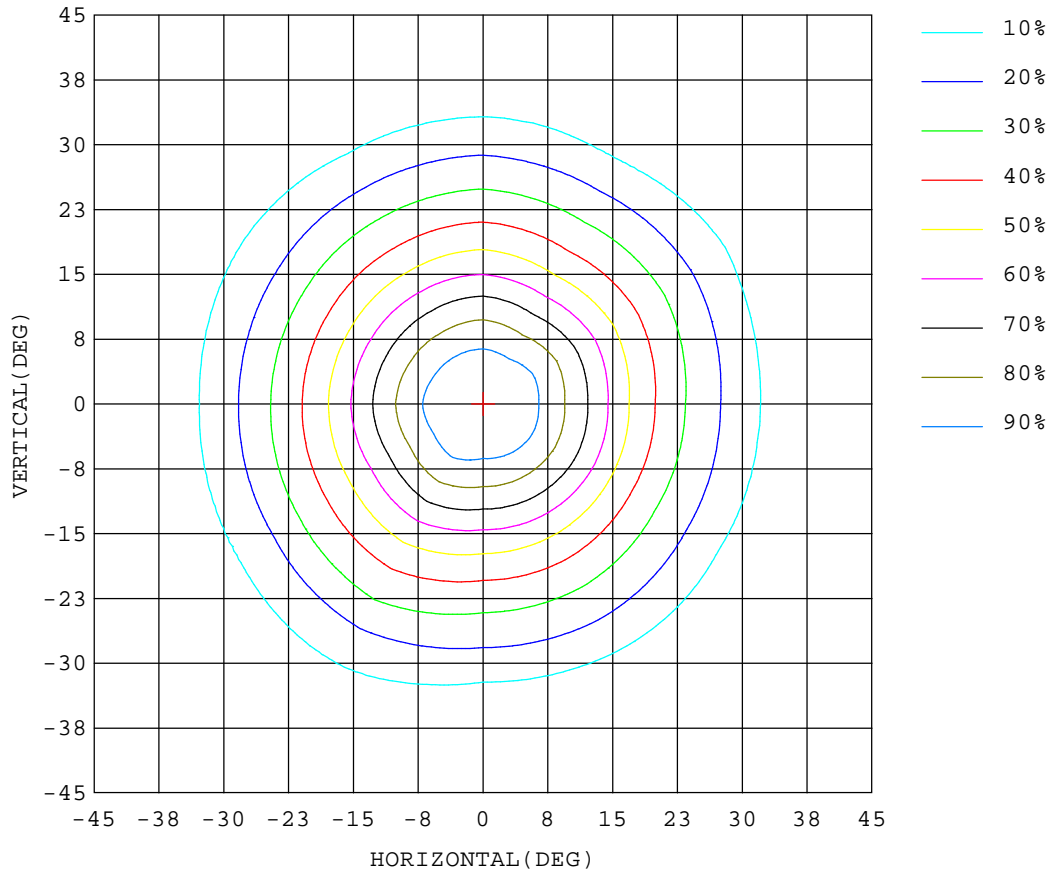
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

UNIT: cd



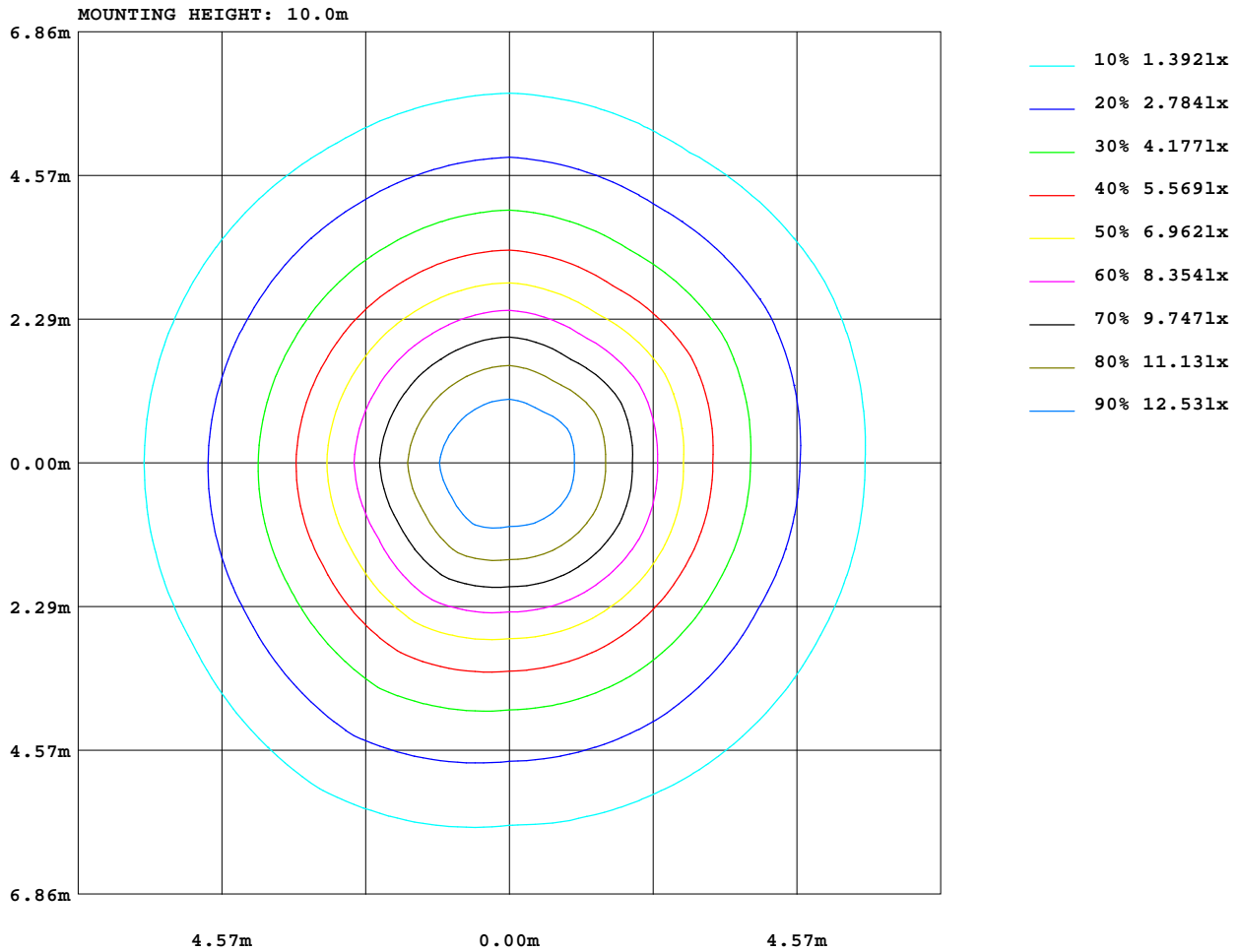
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/25

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): 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:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000		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	0.12	0.13	0.15	0.17	0.21	0.25	0.29	0.32	0.31	0.28	0.24	0.20	0.17	0.15	0.13	0.12	0.11	3.43	3.43
40	0.12	0.13	0.16	0.20	0.24	0.31	0.43	0.56	0.64	0.63	0.53	0.40	0.28	0.22	0.19	0.16	0.14	0.12	5.47	5.47
35	0.13	0.16	0.21	0.28	0.42	0.62	0.83	1.03	1.17	1.16	1.00	0.77	0.56	0.38	0.26	0.20	0.16	0.13	9.48	9.48
30	0.14	0.19	0.28	0.48	0.75	1.12	1.63	2.11	2.40	2.39	2.07	1.57	1.06	0.70	0.46	0.27	0.20	0.15	18.0	18.0
25	0.16	0.23	0.43	0.74	1.25	2.02	2.78	3.38	3.74	3.71	3.31	2.69	1.97	1.21	0.72	0.43	0.23	0.17	29.1	29.1
20	0.17	0.28	0.59	1.07	1.95	2.96	3.92	4.77	5.31	5.25	4.63	3.81	2.93	1.95	1.04	0.59	0.29	0.18	41.7	41.7
15	0.18	0.35	0.73	1.48	2.60	3.82	5.16	6.40	7.22	7.15	6.23	5.06	3.81	2.61	1.44	0.70	0.36	0.19	55.5	55.5
10	0.18	0.40	0.87	1.84	3.12	4.60	6.35	7.99	8.99	8.92	7.94	6.31	4.51	3.01	1.75	0.81	0.41	0.20	68.2	68.2
5	0.19	0.43	0.96	2.04	3.42	5.11	7.16	9.02	10.1	10.1	8.97	6.98	4.85	3.19	1.88	0.86	0.44	0.21	76.0	76.0
0	0.18	0.42	0.97	2.06	3.45	5.13	7.16	9.05	10.1	10.1	8.96	6.95	4.80	3.14	1.85	0.84	0.42	0.20	75.9	75.9
-5	0.18	0.39	0.89	1.86	3.19	4.67	6.38	8.14	9.13	9.01	8.00	6.23	4.34	2.86	1.66	0.75	0.37	0.19	68.3	68.3
-10	0.16	0.32	0.74	1.51	2.71	3.97	5.33	6.64	7.25	7.13	6.32	4.99	3.59	2.39	1.31	0.62	0.30	0.17	55.5	55.5
-15	0.15	0.25	0.56	1.12	2.06	3.18	4.19	4.97	5.27	5.15	4.63	3.77	2.79	1.80	0.91	0.47	0.23	0.15	41.7	41.7
-20	0.13	0.20	0.38	0.77	1.38	2.26	3.09	3.53	3.68	3.58	3.25	2.68	1.93	1.11	0.62	0.32	0.18	0.13	29.2	29.2
-25	0.11	0.17	0.26	0.50	0.83	1.32	1.86	2.22	2.33	2.26	2.02	1.57	1.03	0.69	0.42	0.22	0.15	0.12	18.1	18.1
-30	0.10	0.14	0.20	0.30	0.52	0.75	0.92	1.06	1.12	1.08	0.95	0.79	0.66	0.44	0.26	0.18	0.14	0.10	9.71	9.71
-35	0.10	0.12	0.16	0.22	0.29	0.40	0.50	0.55	0.54	0.53	0.51	0.44	0.35	0.26	0.20	0.16	0.12	0.10	5.55	5.55
-40	0.09	0.12	0.14	0.17	0.22	0.25	0.26	0.27	0.26	0.26	0.26	0.25	0.23	0.20	0.16	0.13	0.11	0.09	3.47	3.47
-45	0.09	0.12	0.14	0.17	0.22	0.25	0.26	0.27	0.26	0.26	0.26	0.25	0.23	0.20	0.16	0.13	0.11	0.09	3.47	3.47
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φt	2.57	4.41	8.65	16.8	28.6	42.7	58.2	72.0	79.7	78.8	69.9	55.5	39.9	26.3	15.3	7.86	4.37	2.71	664	
Φa	2.57	4.41	8.65	16.8	28.6	42.7	58.2	72.0	79.7	78.8	69.9	55.5	39.9	26.3	15.3	7.86	4.37	2.71		664

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

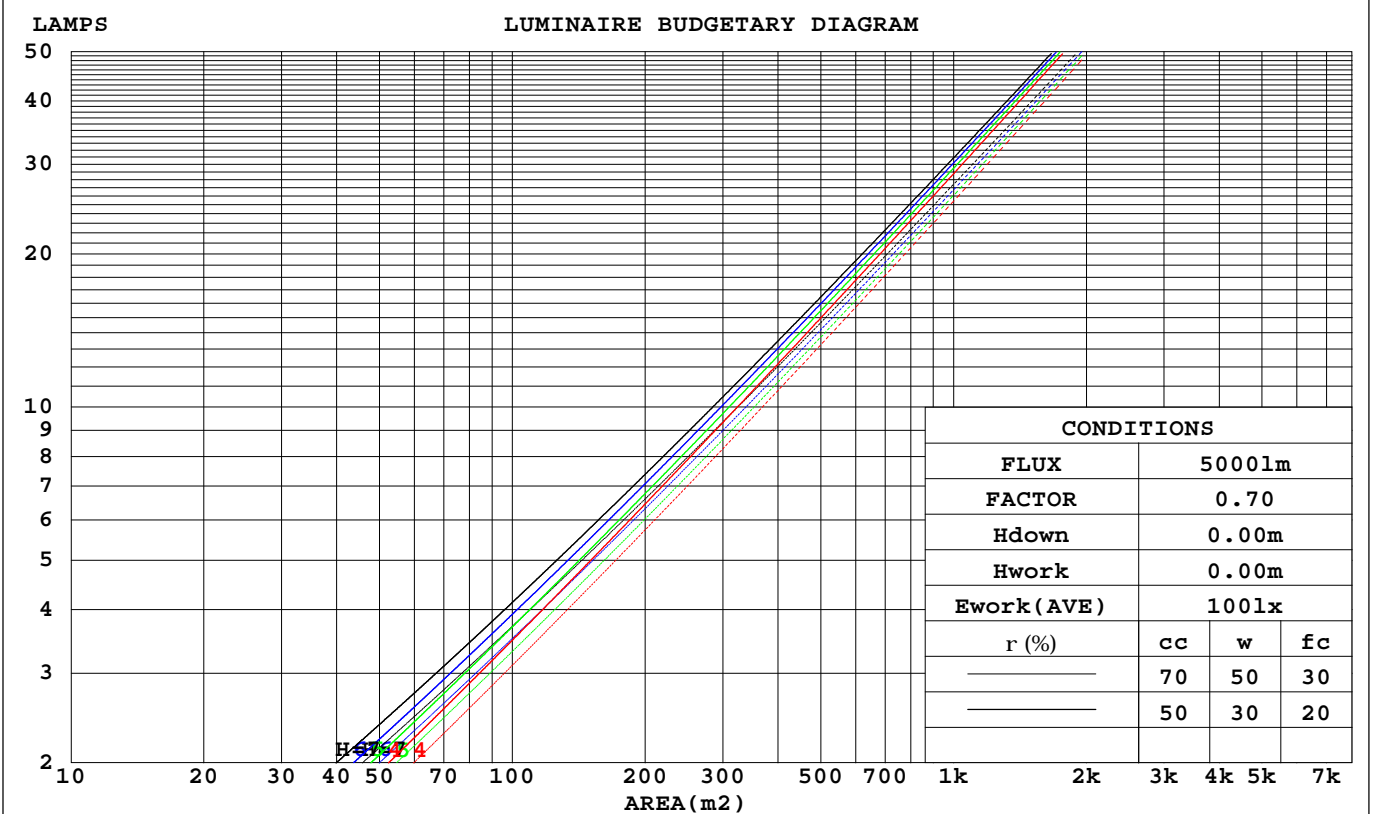
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000		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): 4000	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	.135	.078	.025	
2.0	.168	.092	.028	.162	.089	.027	.150	.084	.026	.140	.079	.025	.130	.074	.023	
3.0	.157	.084	.025	.152	.082	.025	.143	.077	.023	.134	.073	.022	.125	.069	.021	
4.0	.148	.077	.023	.144	.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	.202	.202	.202	.172	.172	.172	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.183	.169	.156	.156	.145	.134	.107	.100	.093	.062	.058	.054	.020	.019	.017	
2.0	.167	.144	.124	.143	.124	.108	.098	.086	.075	.057	.050	.044	.018	.016	.014	
3.0	.154	.125	.102	.132	.108	.088	.091	.075	.062	.052	.044	.036	.017	.014	.012	
4.0	.143	.110	.085	.123	.095	.074	.085	.066	.052	.049	.039	.031	.016	.013	.010	
5.0	.134	.099	.072	.115	.085	.063	.079	.060	.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	.055	.103	.071	.048	.071	.049	.034	.041	.029	.020	.013	.010	.007	
8.0	.113	.075	.049	.097	.065	.043	.067	.046	.030	.039	.027	.018	.013	.009	.006	
9.0	.108	.070	.044	.093	.061	.038	.064	.043	.027	.038	.025	.016	.012	.008	.005	
10.0	.103	.065	.040	.089	.057	.035	.062	.040	.025	.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): 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	17.1	18.0	17.4	18.2	18.4	17.6	18.4	17.8	18.6	18.8
3H	18.2	19.0	18.4	19.2	19.4	18.3	19.1	18.6	19.4	19.6
4H	18.7	19.4	19.0	19.7	19.9	18.6	19.4	18.9	19.6	19.9
6H	19.1	19.9	19.5	20.1	20.4	18.8	19.5	19.1	19.8	20.1
8H	19.3	20.0	19.7	20.3	20.6	18.8	19.5	19.1	19.8	20.1
12H	19.6	20.2	19.9	20.5	20.8	18.8	19.5	19.2	19.8	20.1
4H 2H	17.5	18.2	17.8	18.5	18.7	17.9	18.6	18.2	18.9	19.1
3H	18.6	19.3	19.0	19.6	19.9	19.0	19.6	19.3	19.9	20.2
4H	19.2	19.8	19.6	20.1	20.5	19.4	20.1	19.8	20.4	20.7
6H	19.8	20.3	20.2	20.7	21.0	19.8	20.3	20.2	20.7	21.0
8H	20.0	20.5	20.4	20.9	21.3	19.8	20.3	20.3	20.7	21.1
12H	20.3	20.8	20.7	21.1	21.6	19.9	20.3	20.3	20.7	21.2
8H 4H	19.4	19.9	19.8	20.3	20.7	19.6	20.1	20.0	20.5	20.9
6H	20.0	20.4	20.4	20.8	21.3	20.2	20.6	20.6	21.0	21.5
8H	20.3	20.7	20.8	21.1	21.6	20.4	20.8	20.9	21.2	21.7
12H	20.6	20.9	21.1	21.4	21.9	20.5	20.9	21.0	21.3	21.8
12H 4H	19.4	19.9	19.8	20.3	20.7	19.6	20.1	20.0	20.5	20.9
6H	20.0	20.4	20.5	20.8	21.3	20.2	20.6	20.7	21.0	21.5
8H	20.3	20.7	20.8	21.1	21.6	20.5	20.8	21.0	21.3	21.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 0.4					+ 0.5 / - 0.6				
1.5H	+ 1.6 / - 0.5					+ 1.2 / - 0.9				
2.0H	+ 0.5 / - 0.8					+ 0.3 / - 0.7				

CIE Pub.117 Corrected 663.9 lm Total Lamp Luminous Flux. (8log(F/F0) = -1.4)

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): 4000	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	78	74	70
0.80	92	86	82	92	86	82	90	85	81	78
1.00	97	91	87	96	90	87	94	90	86	82
1.25	101	95	92	100	95	91	98	93	90	86
1.50	104	99	95	103	98	94	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	102	105	102	100	93
4.00	113	110	107	110	108	106	107	104	103	95
5.00	114	112	109	112	110	108	108	106	104	96
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

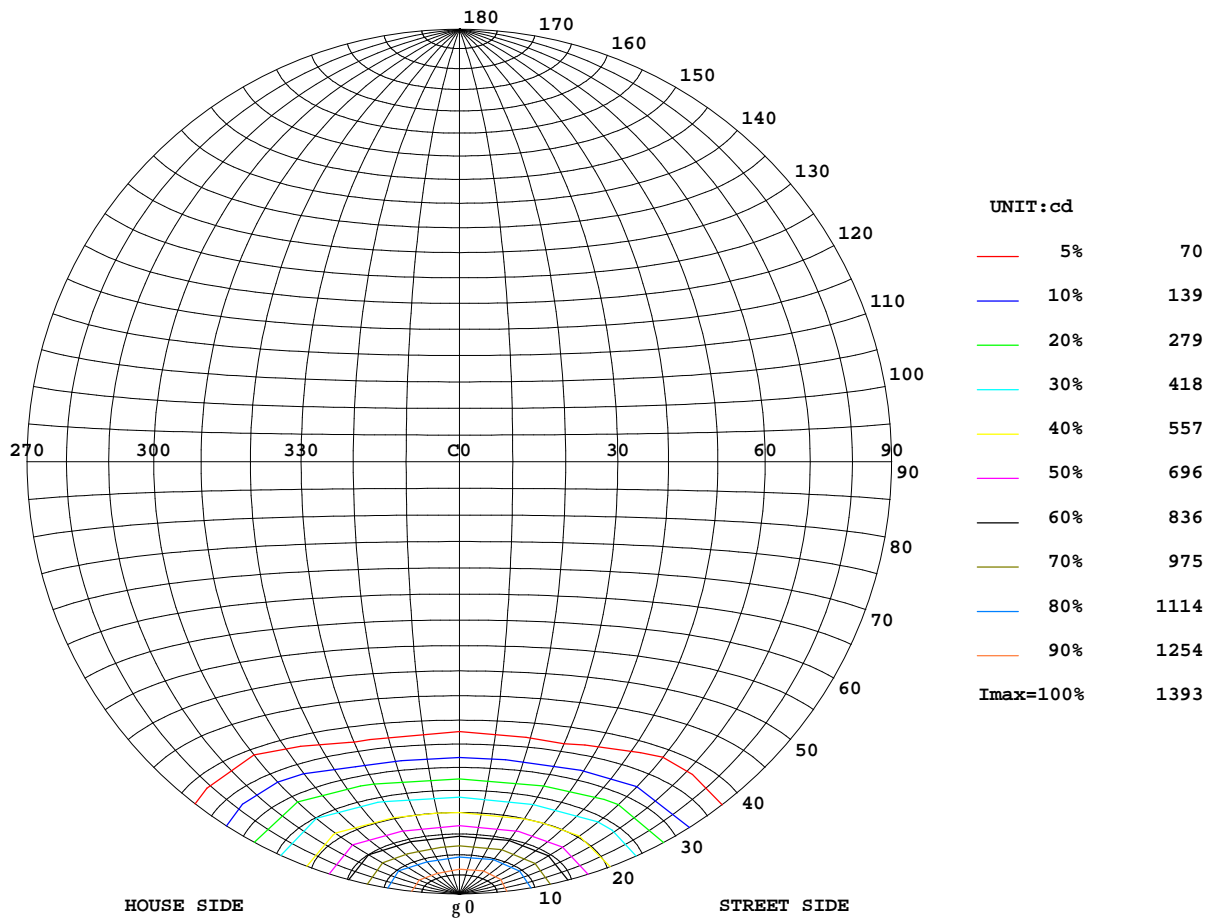
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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): 4000	DIMENSION:	SERIAL No.:



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

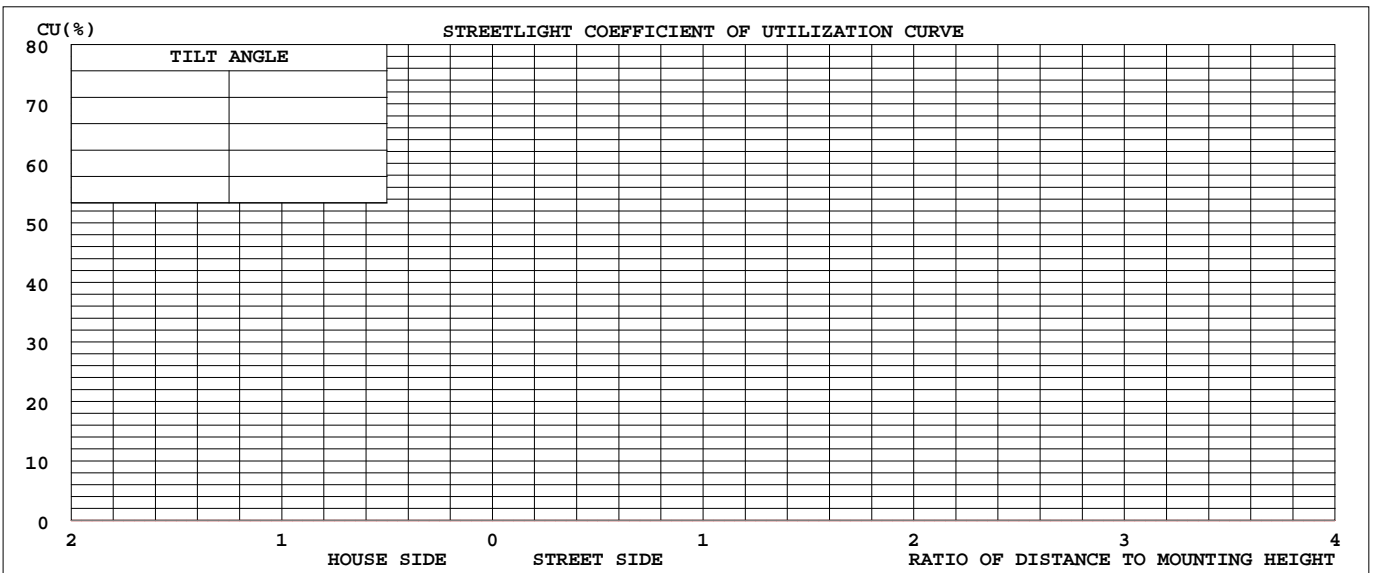
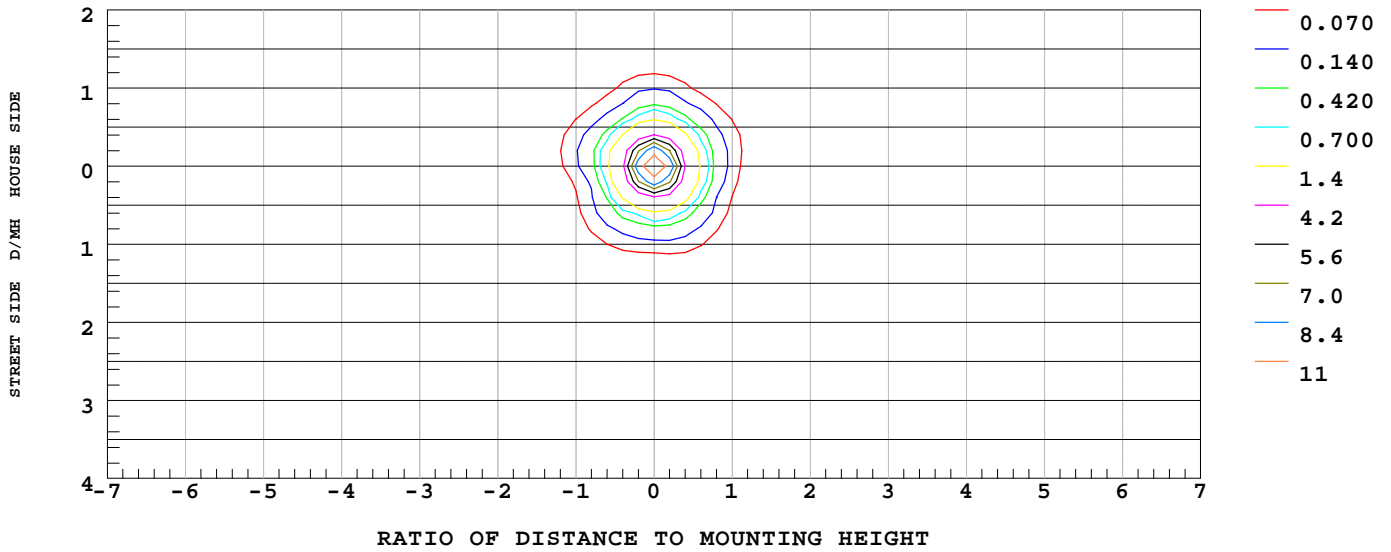
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 13.92 lx



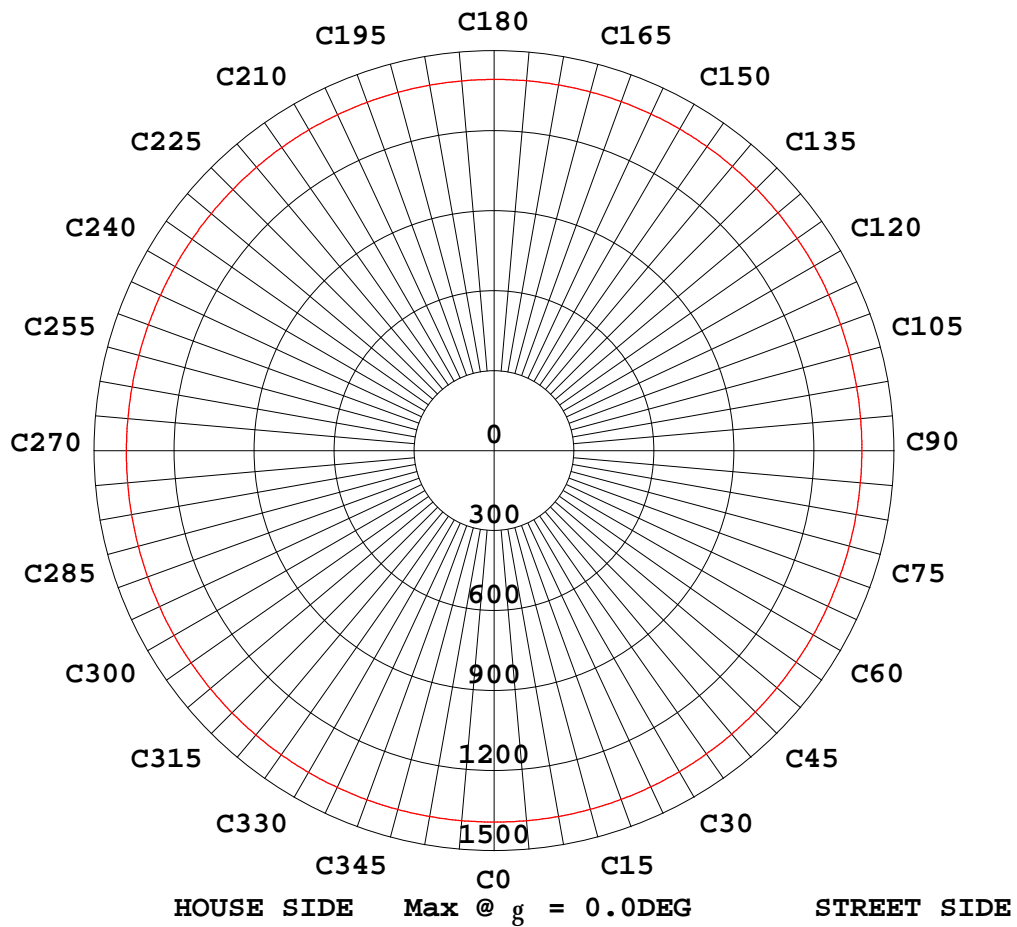
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/25

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): 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:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-2RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1392	1390	1382	1379	1386	1393	1392	1390	1382	1379	1386	1393
5.0	1305	1312	1303	1299	1323	1311	1322	1305	1297	1297	1287	1314
10.0	1086	1100	1096	1094	1133	1103	1119	1100	1091	1102	1074	1107
15.0	805	815	815	810	861	832	851	832	826	833	796	831
20.0	554	552	570	574	625	601	600	586	587	598	564	587
25.0	366	359	383	390	441	411	403	394	397	412	383	394
30.0	194	195	208	212	254	218	219	217	213	233	203	215
35.0	100	86.5	109	98.4	102	109	103	112	104	112	93.6	112
40.0	46.6	37.8	53.5	43.0	63.2	44.2	42.7	52.8	45.4	56.6	38.5	54.3
45.0	31.2	25.4	33.3	27.6	36.1	27.8	26.5	32.8	28.0	34.9	26.4	33.5
50.0	23.9	18.8	24.2	18.6	25.3	18.4	18.9	23.9	18.9	25.2	18.9	24.9
55.0	21.3	16.6	20.6	16.7	21.6	17.1	17.5	21.2	16.9	21.9	17.4	21.6
60.0	18.2	13.7	17.7	13.6	18.5	13.2	13.4	16.9	12.8	17.5	13.4	18.5
65.0	13.2	9.74	13.1	9.92	13.7	9.78	9.74	12.6	8.87	12.7	9.85	13.5
70.0	10.5	7.34	10.6	7.20	11.1	7.37	7.48	10.0	6.33	9.60	7.37	11.1
75.0	7.72	4.83	7.90	4.59	8.24	5.08	5.25	7.62	3.93	6.68	4.94	8.45
80.0	5.18	2.68	5.25	2.40	5.74	2.92	3.34	5.46	2.01	4.21	2.95	6.12
85.0	3.23	1.04	3.37	0.91	3.65	1.11	1.74	3.72	1.07	2.68	1.46	4.14
90.0	2.43	0.63	2.36	0.56	2.43	0.59	0.87	2.47	0.66	2.40	0.63	2.50
95.0	2.26	0.63	2.15	0.59	2.19	0.59	0.91	2.29	0.70	2.26	0.66	2.26
100.0	2.12	0.66	2.01	0.59	2.05	0.59	0.94	2.15	0.66	2.12	0.66	2.12
105.0	2.01	0.66	1.91	0.63	1.94	0.63	0.94	2.01	0.70	1.98	0.70	2.01
110.0	1.91	0.70	1.81	0.66	1.81	0.63	0.94	1.91	0.70	1.87	0.70	1.87
115.0	1.81	0.73	1.74	0.70	1.74	0.66	0.97	1.81	0.70	1.81	0.70	1.81
120.0	1.74	0.77	1.67	0.70	1.67	0.70	0.97	1.74	0.73	1.70	0.73	1.70
125.0	1.70	0.80	1.63	0.77	1.60	0.73	1.04	1.67	0.77	1.63	0.77	1.63
130.0	1.67	0.87	1.60	0.87	1.60	0.84	1.11	1.63	0.80	1.60	0.84	1.63
135.0	1.74	1.00	1.67	0.97	1.63	0.94	1.21	1.67	0.94	1.63	0.97	1.67
140.0	1.84	1.21	1.77	1.18	1.77	1.14	1.39	1.74	1.11	1.74	1.14	1.77
145.0	2.05	1.49	1.98	1.46	1.94	1.39	1.67	1.91	1.35	1.91	1.42	1.94
150.0	2.33	1.84	2.26	1.77	2.19	1.74	1.98	2.15	1.67	2.15	1.74	2.19
155.0	2.64	2.19	2.57	2.15	2.50	2.12	2.36	2.47	2.01	2.47	2.12	2.54
160.0	3.02	2.64	2.92	2.54	2.81	2.54	2.81	2.85	2.43	2.81	2.50	2.88
165.0	3.37	3.02	3.27	2.92	3.16	2.92	3.27	3.20	2.85	3.20	2.92	3.23
170.0	3.68	3.34	3.55	3.23	3.44	3.20	3.62	3.51	3.16	3.51	3.20	3.55
175.0	3.86	3.51	3.68	3.44	3.62	3.72	3.86	3.72	3.37	3.72	3.37	3.72
180.0	3.96	3.79	3.48	3.79	3.41	3.75	3.96	3.79	3.48	3.79	3.41	3.75

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%
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 Remarks: