

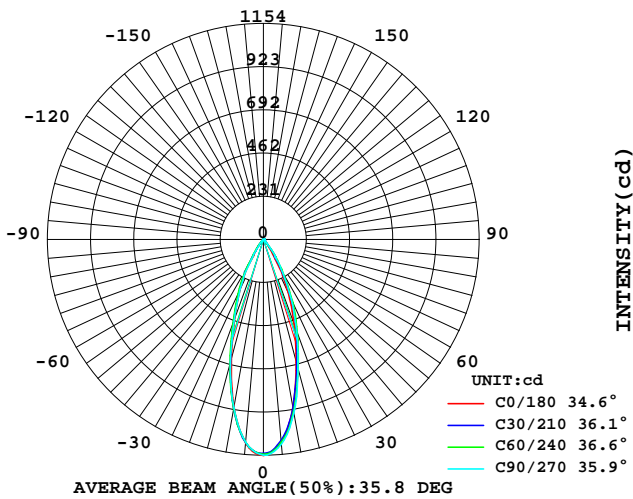
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

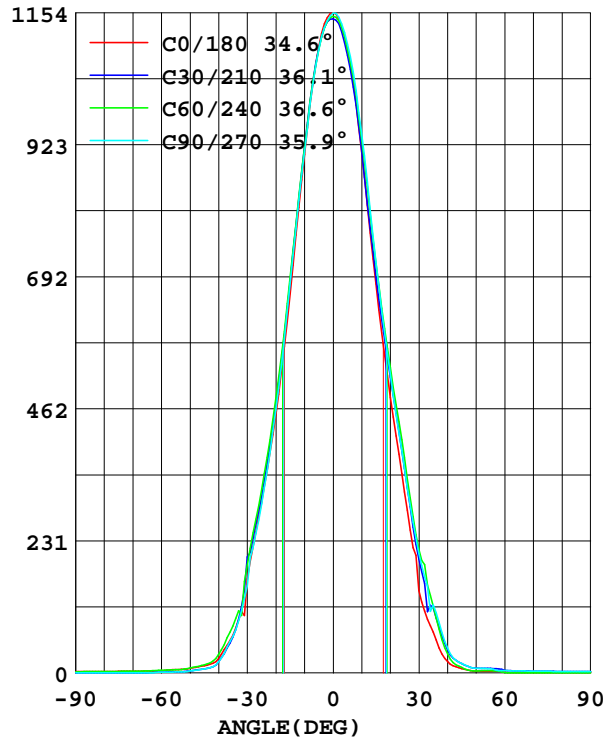
MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-BK-2RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1154	S/MH(C0/180)	0.55
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.57
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	509.2	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	58.1	Current(A)	0.075
NOMINAL FLUX(lm)	509.2	h up(%)	1.7	Power(W)	8.770
LAMPS QUANTITY	1	h down(%)	98.3	Power Factor(PF)	0.968
TEST VOLTAGE(V)	120.7	Effective Flux(lm)	509.2	EET	0.196

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



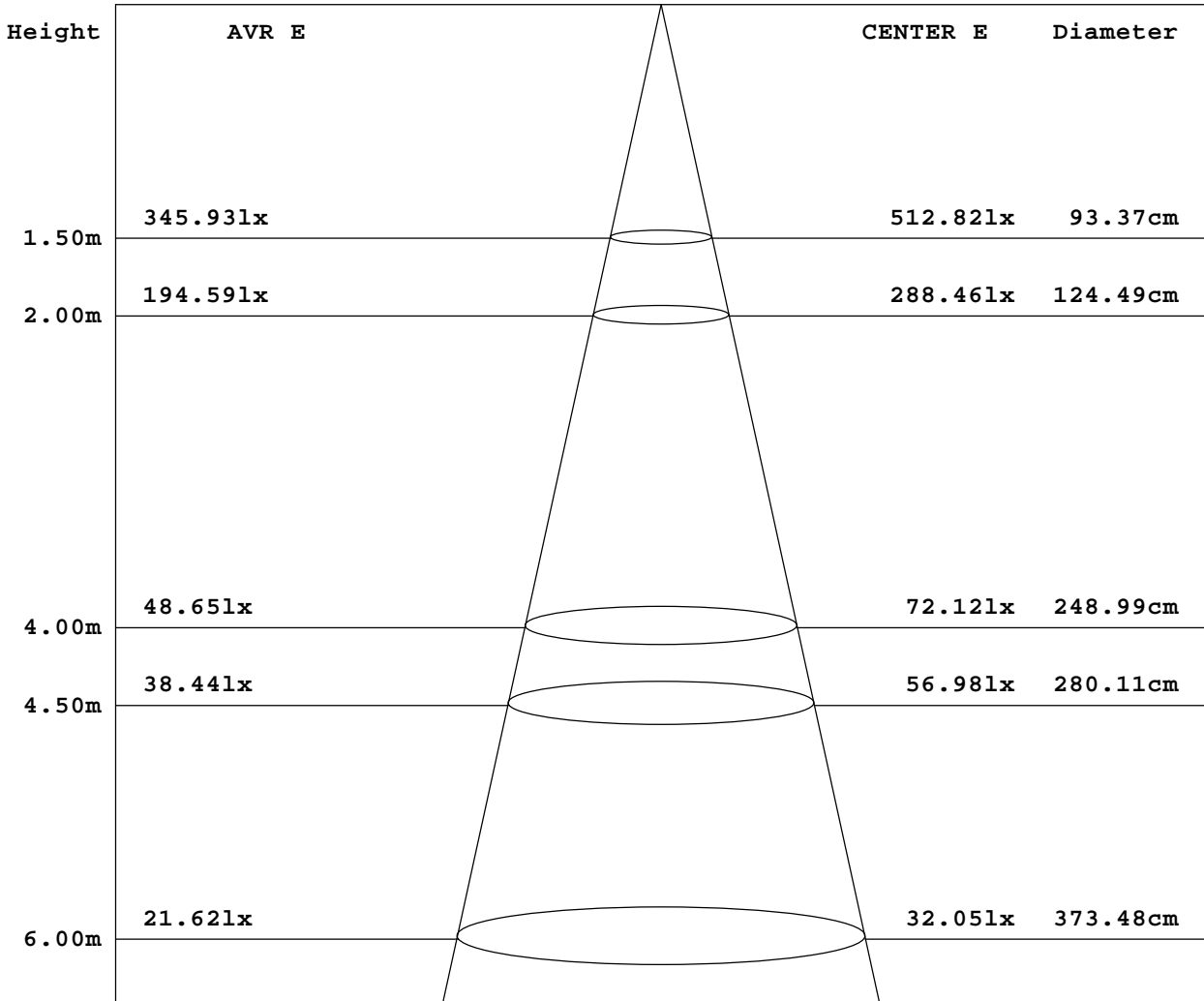
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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-BK-2RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:



Angle: 34.6deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024/01/16

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-BK-2RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tTotal
5.0	1093	1090	1088	1093	1089	1084	1099	1085	0- 5	26.79	26.79
10.0	905.6	920.0	911.6	920.1	911.7	924.6	943.0	905.0	5- 10	71.71	98.50
15.0	662.8	688.7	682.1	680.6	679.7	703.6	717.6	656.5	10- 15	94.29	192.8
20.0	450.2	472.4	459.0	467.3	481.3	525.4	522.1	440.3	15- 20	94.15	286.9
25.0	298.9	314.8	295.8	302.6	316.0	367.0	358.1	281.6	20- 25	82.04	368.9
30.0	164.2	195.8	152.2	154.2	143.8	207.6	209.0	120.4	25- 30	61.38	430.3
35.0	65.93	72.52	64.15	73.34	71.04	115.1	119.0	61.96	30- 35	34.14	464.5
40.0	24.71	25.79	19.11	25.15	19.63	36.68	43.37	20.17	35- 40	17.07	481.5
45.0	12.74	10.72	7.170	11.26	7.762	12.89	16.70	9.659	40- 45	6.162	487.7
50.0	7.936	6.248	3.376	5.830	3.063	6.074	8.041	4.821	45- 50	3.228	490.9
55.0	5.952	3.794	1.705	4.264	3.237	5.935	7.449	4.403	50- 55	2.156	493.1
60.0	4.072	3.132	1.287	3.463	1.566	2.819	4.037	3.080	55- 60	1.817	494.9
65.0	3.515	2.018	0.487	1.949	0.835	2.071	3.550	1.914	60- 65	1.142	496.0
70.0	3.132	1.827	0.453	1.740	0.835	1.879	3.167	1.740	65- 70	0.975	497.0
75.0	2.854	1.653	0.487	1.601	0.835	1.723	2.854	1.618	70- 75	0.918	497.9
80.0	2.610	1.531	0.453	1.462	0.835	1.618	2.645	1.514	75- 80	0.868	498.8
85.0	2.436	1.427	0.453	1.374	0.835	1.514	2.436	1.409	80- 85	0.822	499.6
90.0	2.262	1.357	0.487	1.287	0.870	1.427	2.262	1.340	85- 90	0.783	500.4
95.0	2.088	1.287	0.487	1.235	0.870	1.357	2.123	1.287	90- 95	0.745	501.2
100.0	1.984	1.218	0.487	1.166	0.905	1.305	1.984	1.235	95-100	0.706	501.9
105.0	1.879	1.200	0.522	1.113	0.905	1.253	1.879	1.166	100-105	0.667	502.5
110.0	1.775	1.148	0.522	1.079	0.905	1.200	1.775	1.113	105-110	0.626	503.2
115.0	1.705	1.131	0.557	1.044	0.940	1.148	1.670	1.079	110-115	0.586	503.7
120.0	1.636	1.096	0.557	1.026	0.940	1.096	1.566	1.044	115-120	0.545	504.3
125.0	1.601	1.096	0.627	1.026	0.975	1.079	1.496	1.044	120-125	0.509	504.8
130.0	1.566	1.148	0.696	1.026	1.044	1.096	1.462	1.044	125-130	0.481	505.3
135.0	1.601	1.235	0.835	1.096	1.148	1.166	1.496	1.096	130-135	0.465	505.7
140.0	1.705	1.374	1.009	1.200	1.322	1.270	1.566	1.218	135-140	0.460	506.2
145.0	1.844	1.566	1.253	1.374	1.531	1.462	1.705	1.409	140-145	0.467	506.7
150.0	2.088	1.827	1.531	1.618	1.844	1.705	1.914	1.653	145-150	0.476	507.1
155.0	2.367	2.140	1.844	1.931	2.158	2.001	2.193	1.966	150-155	0.480	507.6
160.0	2.680	2.471	2.193	2.245	2.541	2.332	2.506	2.297	155-160	0.464	508.1
165.0	2.993	2.767	2.506	2.575	2.924	2.645	2.819	2.628	160-165	0.419	508.5
170.0	3.272	3.028	2.784	2.819	3.202	2.924	3.098	2.854	165-170	0.336	508.8
175.0	3.411	3.150	2.958	2.958	3.411	3.098	3.237	2.993	170-175	0.218	509.1
180.0	3.550	3.150	3.306	3.045	3.550	3.150	3.306	3.045	175-180	0.076	509.1
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

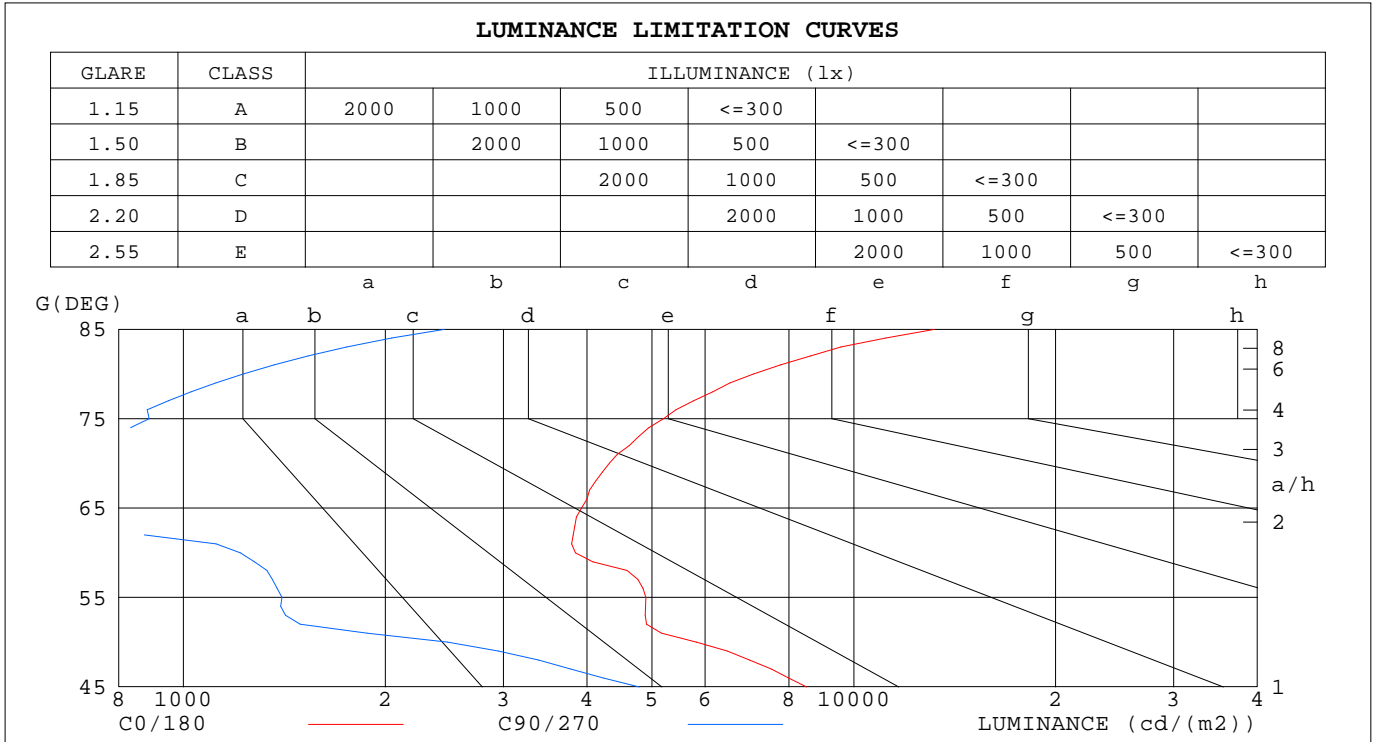
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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-BK-2RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	13188	2449
80	7092	1229
75	5202	888
70	4321	624
65	3924	544
60	3842	1215
55	4895	1403
50	5824	2478
45	8499	4784

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/16

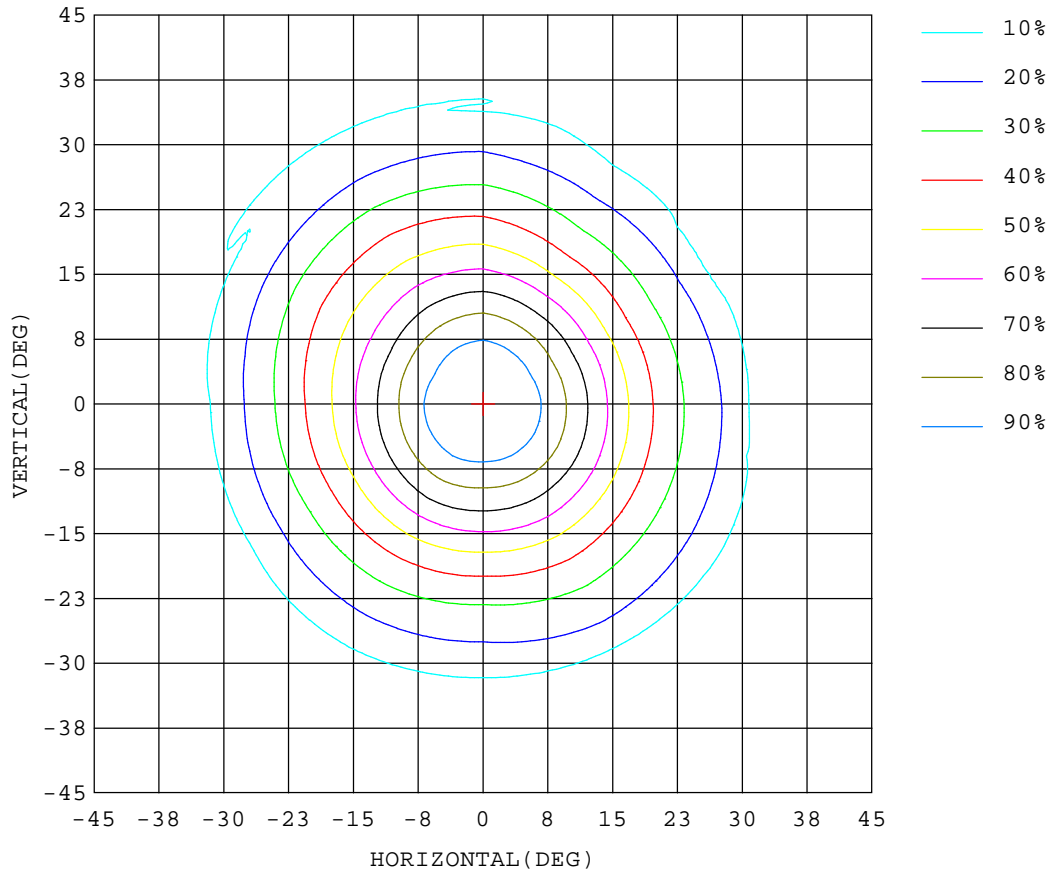
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



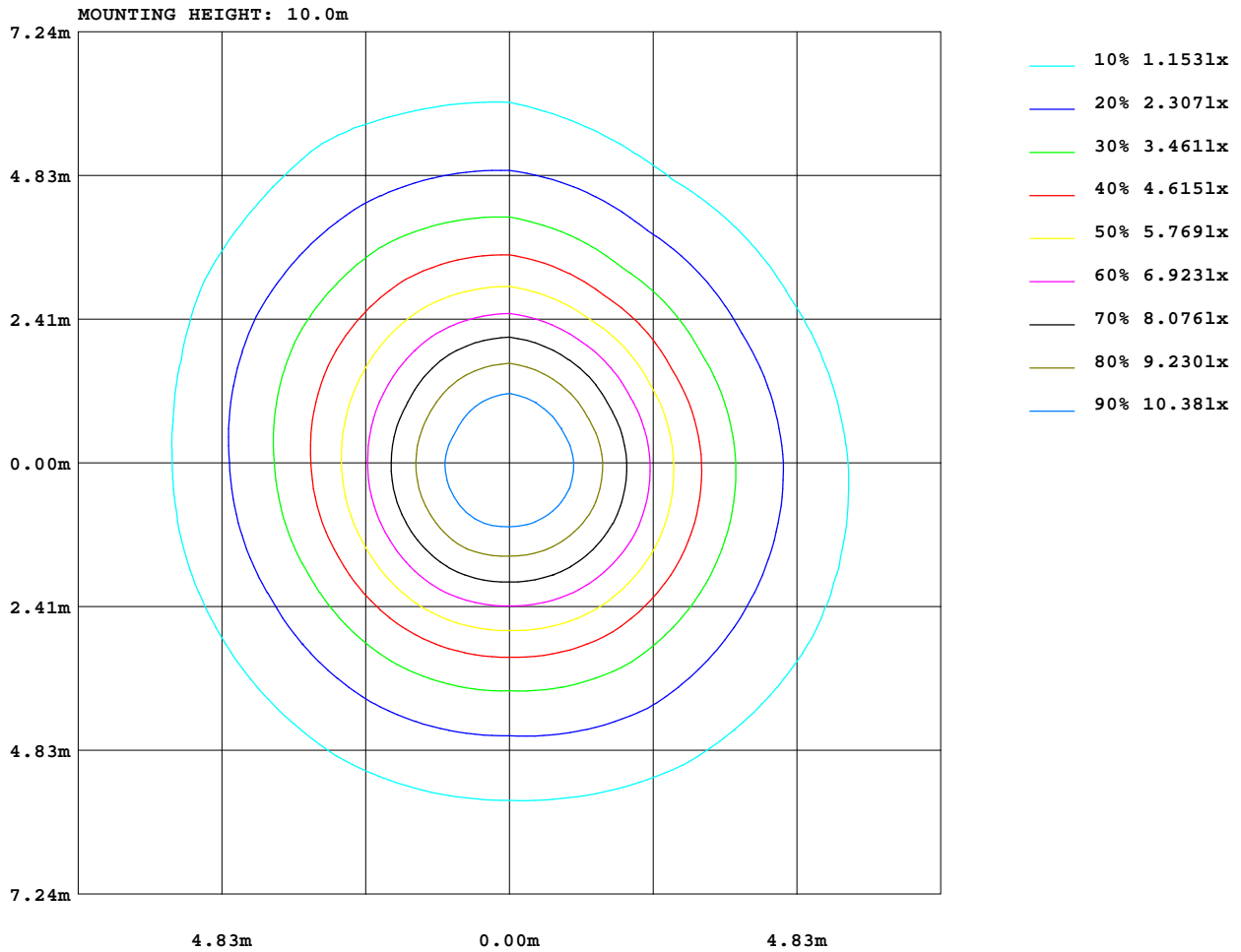
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/01/16

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-BK-2RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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-BK-2RR-SM-BK		TYPE:	
SPECIFICATION:		SERIAL No.:	
CCT(K): 2700		DIMENSION:	

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	0.04	0.04	0.04	0.04	0.04	0.07	0.11	0.16	0.19	0.18	0.14	0.10	0.06	0.04	0.03	0.03	0.03	0.03	1.35	1.35
40	0.04	0.04	0.05	0.08	0.12	0.21	0.36	0.50	0.59	0.56	0.41	0.26	0.13	0.08	0.06	0.04	0.03	0.03	3.58	3.58
35	0.05	0.06	0.10	0.18	0.36	0.64	0.92	1.10	1.18	1.09	0.87	0.61	0.36	0.19	0.10	0.07	0.05	0.04	7.97	7.97
30	0.05	0.09	0.18	0.42	0.79	1.23	1.63	1.94	2.11	2.00	1.63	1.13	0.72	0.44	0.23	0.11	0.07	0.05	14.8	14.8
25	0.06	0.13	0.35	0.73	1.24	1.90	2.61	3.08	3.30	3.16	2.66	2.02	1.35	0.76	0.42	0.19	0.09	0.06	24.1	24.1
20	0.07	0.18	0.53	0.99	1.78	2.74	3.59	4.26	4.63	4.48	3.80	2.95	2.13	1.27	0.63	0.31	0.13	0.07	34.5	34.5
15	0.08	0.24	0.62	1.28	2.33	3.43	4.49	5.52	6.20	6.10	5.18	3.98	2.81	1.83	0.93	0.44	0.18	0.08	45.7	45.7
10	0.08	0.27	0.69	1.51	2.69	3.93	5.29	6.73	7.65	7.59	6.57	4.98	3.45	2.27	1.28	0.54	0.23	0.09	55.8	55.8
5	0.08	0.27	0.69	1.61	2.81	4.17	5.81	7.46	8.42	8.44	7.40	5.69	3.90	2.54	1.52	0.62	0.26	0.09	61.8	61.8
0	0.07	0.24	0.65	1.56	2.73	4.10	5.80	7.48	8.46	8.44	7.48	5.78	3.97	2.59	1.57	0.63	0.26	0.09	61.9	61.9
-5	0.06	0.21	0.58	1.37	2.44	3.68	5.18	6.70	7.56	7.53	6.70	5.22	3.64	2.41	1.45	0.58	0.23	0.08	55.6	55.6
-10	0.05	0.15	0.46	1.04	1.99	3.01	4.17	5.32	5.99	5.99	5.35	4.22	3.05	2.06	1.18	0.46	0.17	0.07	44.8	44.8
-15	0.04	0.10	0.32	0.69	1.47	2.29	3.11	3.82	4.23	4.25	3.87	3.17	2.37	1.63	0.80	0.32	0.11	0.05	32.6	32.6
-20	0.03	0.07	0.18	0.47	0.88	1.55	2.14	2.58	2.80	2.82	2.63	2.25	1.70	1.00	0.47	0.19	0.06	0.04	21.9	21.9
-25	0.02	0.05	0.10	0.27	0.54	0.85	1.24	1.57	1.73	1.76	1.64	1.33	0.89	0.54	0.27	0.10	0.05	0.03	13.0	13.0
-30	0.02	0.04	0.07	0.13	0.28	0.48	0.62	0.73	0.78	0.79	0.72	0.62	0.48	0.28	0.13	0.07	0.04	0.02	6.27	6.27
-35	0.02	0.03	0.05	0.08	0.13	0.20	0.26	0.31	0.32	0.32	0.31	0.26	0.20	0.13	0.08	0.05	0.03	0.01	2.75	2.75
-40	0.02	0.02	0.03	0.06	0.08	0.09	0.10	0.10	0.09	0.09	0.10	0.10	0.09	0.08	0.06	0.03	0.02	0.01	1.18	1.18
-45																				
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φ t	0.86	2.23	5.68	12.5	22.7	34.6	47.5	59.4	66.2	65.6	57.5	44.7	31.3	20.1	11.2	4.79	2.04	0.92	509	
Φ a	0.86	2.23	5.68	12.5	22.7	34.6	47.5	59.4	66.2	65.6	57.5	44.7	31.3	20.1	11.2	4.79	2.04	0.92		509

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

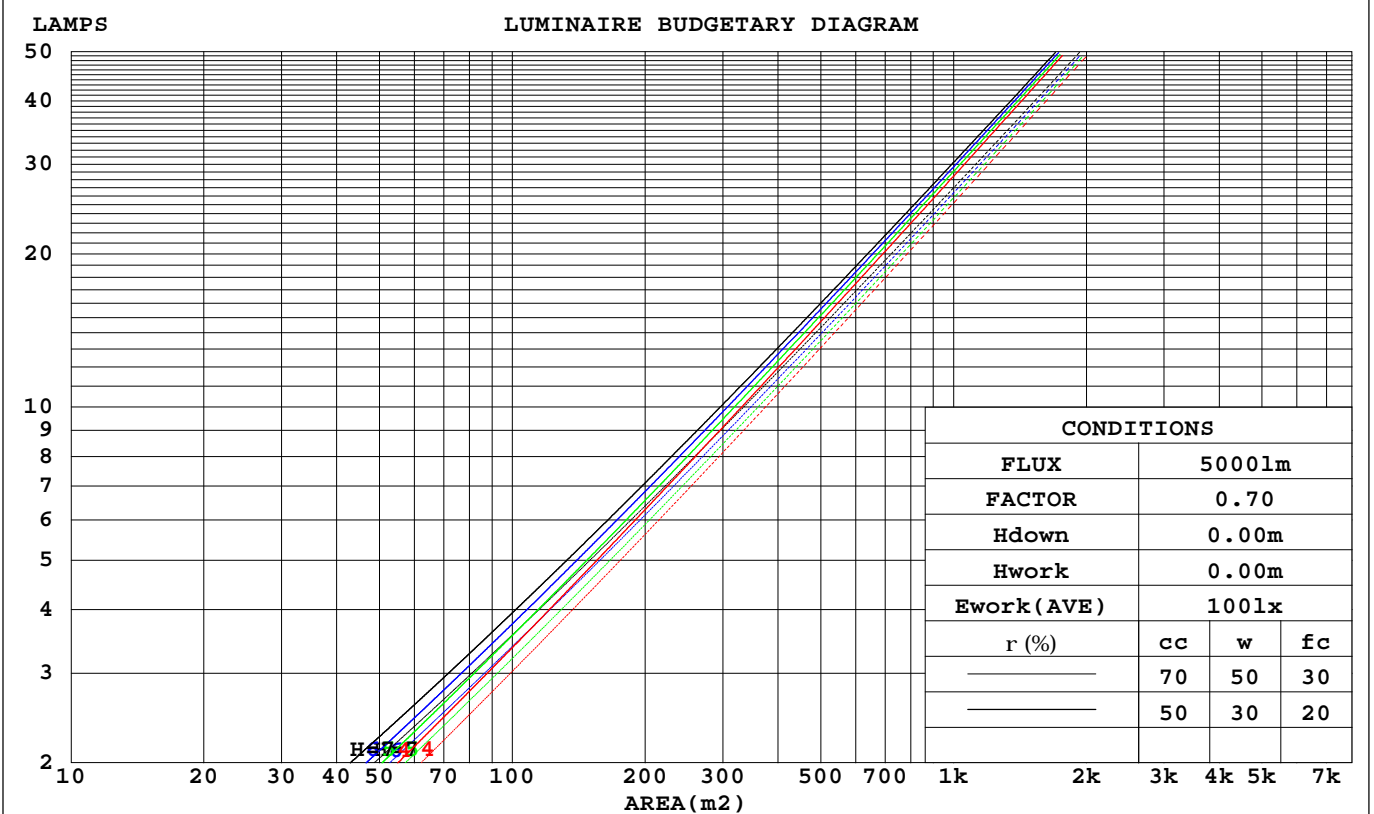
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB02-R09W-5CCT-BK-2RR-SM-BK		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
r fc	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	1.00	1.00	1.00	.98
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.04	1.01	.98	1.03	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.99	.94	.91	.97	.93	.90	.94	.91	.88	.92	.89	.87	.89	.87	.85	.84
4.0	.93	.88	.85	.92	.88	.84	.90	.86	.83	.88	.84	.82	.86	.83	.81	.79
5.0	.89	.83	.80	.88	.83	.79	.86	.82	.78	.84	.80	.78	.82	.79	.77	.75
6.0	.84	.79	.75	.83	.79	.75	.82	.78	.74	.80	.77	.74	.79	.76	.73	.72
7.0	.80	.75	.72	.80	.75	.71	.78	.74	.71	.77	.73	.70	.76	.72	.70	.69
8.0	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.73	.69	.67	.66
9.0	.73	.68	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.70	.67	.64	.63
10.0	.70	.65	.62	.70	.65	.62	.69	.65	.62	.68	.64	.62	.68	.64	.61	.60



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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-BK-2RR-SM-BK		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	.165	.094	.030	.157	.090	.029	.144	.083	.026	.132	.076	.024	.120	.070	.022	
2.0	.154	.084	.026	.148	.081	.025	.137	.076	.024	.126	.071	.022	.116	.066	.021	
3.0	.145	.077	.023	.140	.075	.022	.130	.070	.021	.121	.066	.020	.113	.062	.019	
4.0	.136	.071	.021	.132	.069	.020	.124	.066	.020	.116	.062	.019	.109	.059	.018	
5.0	.129	.066	.019	.125	.064	.019	.118	.062	.018	.111	.059	.017	.105	.056	.017	
6.0	.123	.062	.018	.119	.060	.017	.113	.058	.017	.107	.056	.016	.102	.053	.016	
7.0	.117	.058	.016	.114	.057	.016	.108	.055	.016	.103	.053	.015	.098	.051	.015	
8.0	.112	.055	.015	.109	.054	.015	.104	.052	.015	.099	.050	.015	.095	.049	.014	
9.0	.107	.052	.014	.105	.051	.014	.100	.050	.014	.096	.048	.014	.092	.047	.013	
10.0	.103	.049	.014	.101	.049	.014	.097	.047	.013	.093	.046	.013	.089	.045	.013	

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	.204	.204	.204	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.183	.171	.159	.157	.146	.137	.107	.101	.095	.062	.058	.055	.020	.019	.018	
2.0	.167	.146	.128	.143	.126	.111	.098	.087	.077	.057	.051	.045	.018	.016	.015	
3.0	.154	.127	.105	.132	.109	.091	.090	.076	.064	.052	.044	.038	.017	.014	.012	
4.0	.142	.112	.088	.122	.097	.077	.084	.067	.054	.049	.039	.032	.016	.013	.011	
5.0	.133	.100	.076	.114	.087	.066	.079	.060	.046	.046	.035	.028	.015	.012	.009	
6.0	.125	.090	.066	.107	.078	.057	.074	.055	.040	.043	.032	.024	.014	.011	.008	
7.0	.118	.083	.058	.102	.072	.050	.070	.050	.036	.041	.030	.021	.013	.010	.007	
8.0	.112	.076	.052	.096	.066	.045	.067	.046	.032	.039	.027	.019	.013	.009	.006	
9.0	.107	.071	.047	.092	.062	.041	.064	.043	.029	.037	.026	.017	.012	.008	.006	
10.0	.102	.066	.043	.088	.058	.037	.061	.041	.026	.036	.024	.016	.012	.008	.005	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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-BK-2RR-SM-BK					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	13.3	14.2	13.6	14.3	14.5	14.1	14.9	14.3	15.1	15.3
3H	13.5	14.2	13.7	14.4	14.7	14.0	14.8	14.3	15.0	15.2
4H	13.7	14.4	14.0	14.6	14.9	14.0	14.7	14.3	14.9	15.2
6H	14.1	14.8	14.4	15.1	15.3	14.0	14.6	14.3	14.9	15.2
8H	14.5	15.1	14.8	15.4	15.7	14.0	14.6	14.3	14.9	15.2
12H	15.1	15.7	15.4	16.0	16.3	14.0	14.6	14.3	14.9	15.2
4H 2H	13.2	13.9	13.5	14.1	14.4	13.9	14.6	14.2	14.9	15.1
3H	13.3	13.9	13.6	14.2	14.5	14.0	14.6	14.4	14.9	15.2
4H	13.6	14.1	13.9	14.4	14.8	14.1	14.7	14.5	15.0	15.4
6H	14.1	14.6	14.5	15.0	15.4	14.3	14.8	14.7	15.2	15.6
8H	14.7	15.1	15.1	15.5	15.9	14.4	14.9	14.8	15.3	15.7
12H	15.5	15.9	15.9	16.3	16.7	14.5	14.9	15.0	15.3	15.8
8H 4H	13.6	14.0	14.0	14.4	14.8	14.2	14.6	14.6	15.0	15.4
6H	14.2	14.6	14.6	15.0	15.4	14.7	15.1	15.2	15.5	16.0
8H	14.8	15.1	15.2	15.5	16.0	15.1	15.4	15.5	15.9	16.3
12H	15.7	16.0	16.2	16.5	17.0	15.5	15.7	15.9	16.2	16.7
12H 4H	13.6	14.0	14.1	14.4	14.9	14.1	14.6	14.6	15.0	15.4
6H	14.3	14.6	14.8	15.1	15.5	14.7	15.1	15.2	15.5	16.0
8H	14.9	15.2	15.4	15.6	16.1	15.3	15.6	15.8	16.0	16.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.1 / - 1.5					+ 1.5 / - 1.6				
1.5H	+ 4.0 / - 1.7					+ 3.3 / - 2.0				
2.0H	+ 1.9 / - 0.8					+ 0.9 / - 0.9				

CIE Pub.117 Corrected 509.1 lm Total Lamp Luminous Flux. (8log(F/F0) = -2.3)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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-BK-2RR-SM-BK		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	88	82	78	88	82	78	87	81	78	75
0.80	95	90	86	95	89	86	93	89	86	82
1.00	99	94	90	99	93	90	97	93	90	86
1.25	103	98	95	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	109	106	104	106	104	102	95
4.00	113	111	108	111	109	107	107	105	104	96
5.00	115	112	111	112	110	109	108	107	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

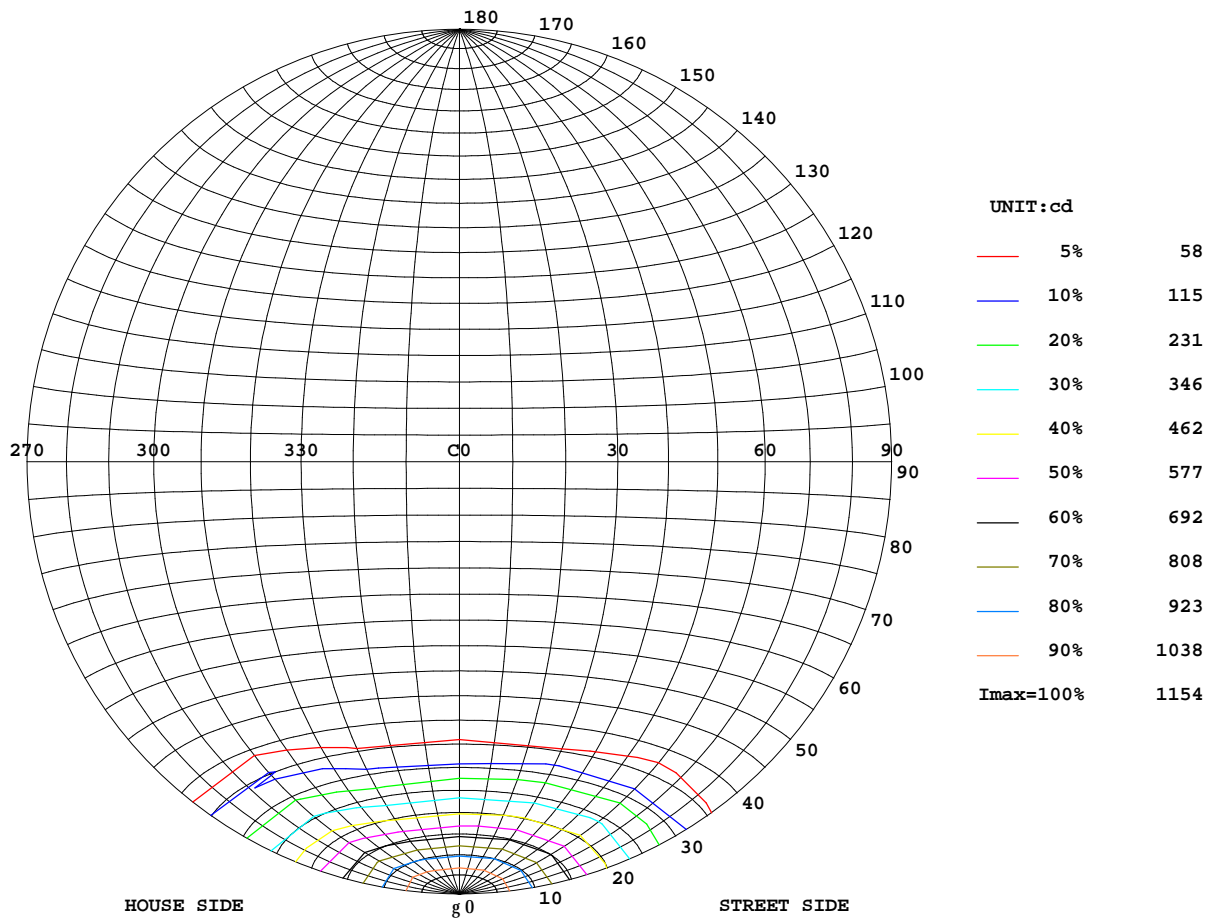
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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-BK-2RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

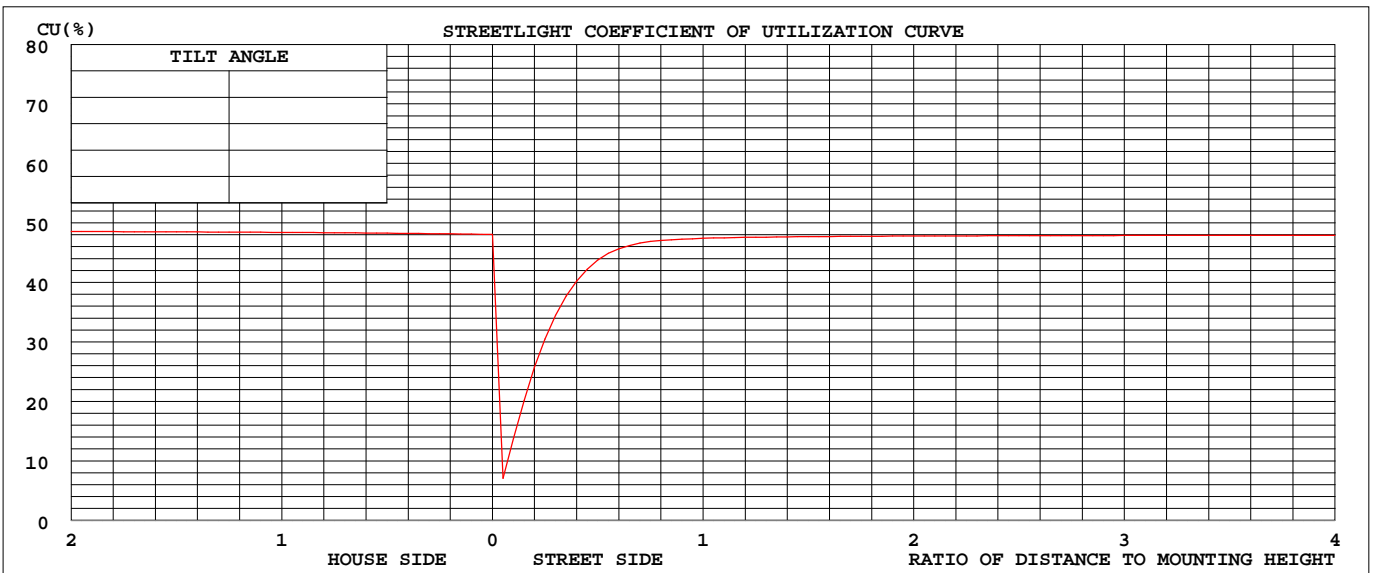
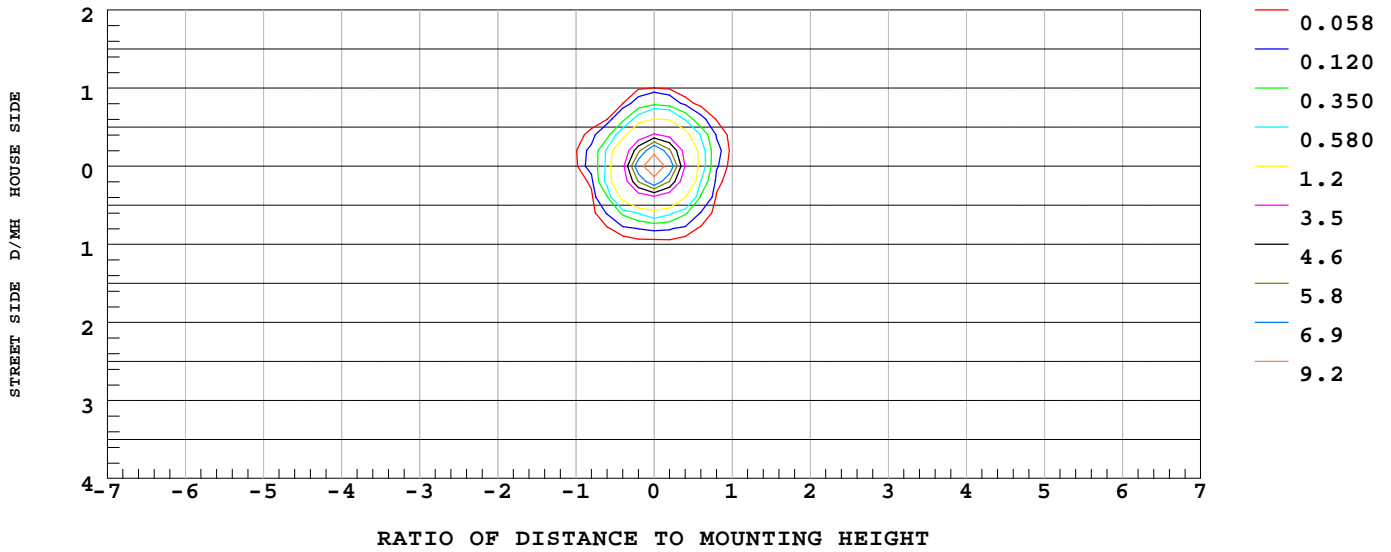
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 11.54 lx



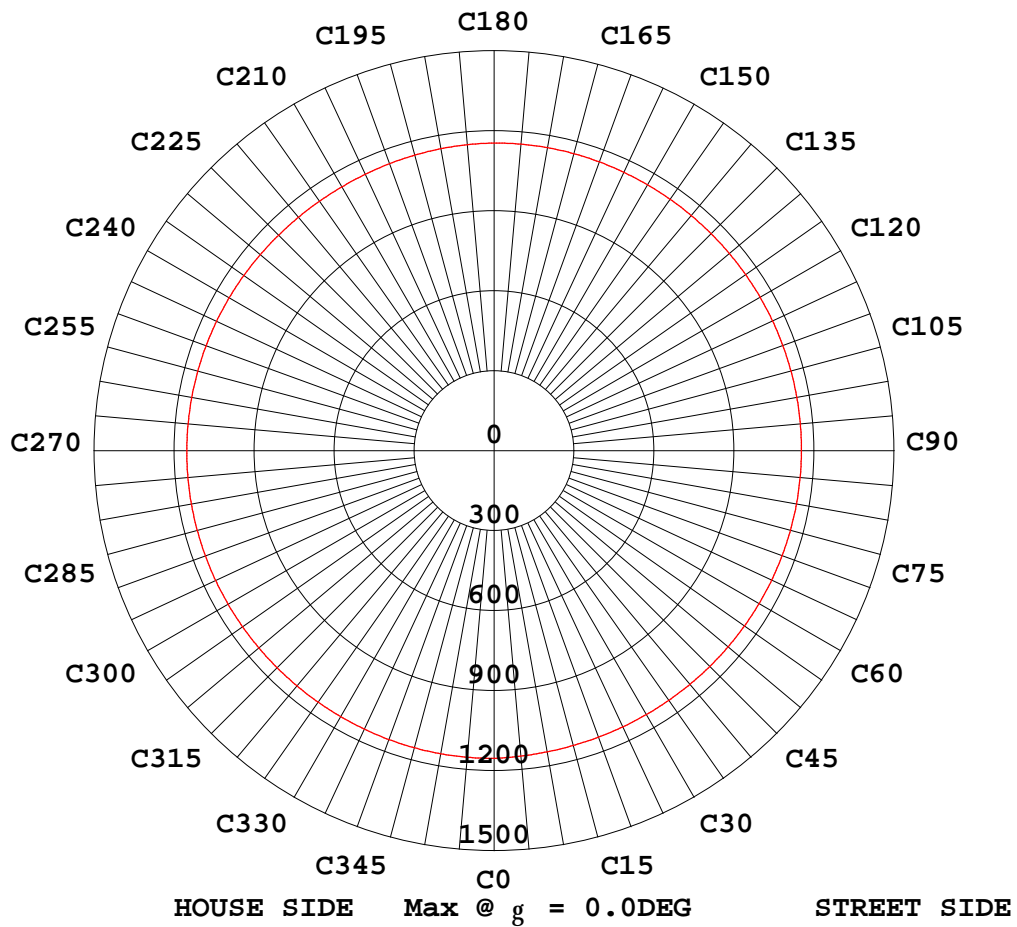
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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-BK-2RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2700	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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-BK-2RR-SM-BK		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	1154	1143	1148	1153	1152	1152	1154	1143	1148	1153	1152	1152
5.0	1093	1091	1088	1088	1095	1091	1089	1079	1089	1099	1088	1083
10.0	906	921	919	912	924	916	912	915	934	943	915	895
15.0	663	685	693	682	686	675	680	692	716	718	666	647
20.0	450	466	479	459	469	466	481	517	534	522	448	432
25.0	299	309	321	296	306	300	316	357	377	358	287	276
30.0	164	203	189	152	169	139	144	199	216	209	138	103
35.0	65.9	63.0	81.9	64.1	82.8	63.8	71.0	114	117	119	63.6	60.2
40.0	24.7	19.1	32.4	19.1	31.8	18.4	19.6	40.2	33.1	43.3	18.2	22.1
45.0	12.7	7.24	14.2	7.17	14.4	8.11	7.76	16.2	9.53	16.7	7.13	12.1
50.0	7.93	3.72	8.77	3.37	8.84	2.81	3.06	8.45	3.68	8.04	2.50	7.13
55.0	5.95	1.94	5.63	1.70	6.30	2.22	3.23	7.90	3.96	7.44	2.85	5.95
60.0	4.07	1.53	4.73	1.28	5.29	1.63	1.56	4.90	0.73	4.03	1.42	4.73
65.0	3.51	0.56	3.48	0.49	3.41	0.49	0.84	3.62	0.52	3.55	0.52	3.30
70.0	3.13	0.56	3.09	0.45	3.02	0.45	0.84	3.23	0.52	3.16	0.49	2.99
75.0	2.85	0.52	2.78	0.49	2.74	0.45	0.84	2.92	0.52	2.85	0.52	2.71
80.0	2.61	0.52	2.54	0.45	2.47	0.45	0.84	2.68	0.56	2.64	0.52	2.50
85.0	2.43	0.52	2.33	0.45	2.29	0.45	0.84	2.47	0.56	2.43	0.52	2.29
90.0	2.26	0.56	2.15	0.49	2.12	0.45	0.87	2.29	0.56	2.26	0.52	2.15
95.0	2.08	0.56	2.01	0.49	1.98	0.49	0.87	2.15	0.56	2.12	0.56	2.01
100.0	1.98	0.56	1.87	0.49	1.84	0.49	0.91	2.01	0.59	1.98	0.56	1.91
105.0	1.87	0.59	1.81	0.52	1.74	0.49	0.91	1.91	0.59	1.87	0.56	1.77
110.0	1.77	0.59	1.70	0.52	1.63	0.52	0.91	1.81	0.59	1.77	0.56	1.67
115.0	1.70	0.63	1.63	0.56	1.56	0.52	0.94	1.70	0.59	1.67	0.56	1.60
120.0	1.63	0.66	1.53	0.56	1.49	0.56	0.94	1.60	0.59	1.56	0.59	1.49
125.0	1.60	0.70	1.49	0.63	1.46	0.59	0.97	1.53	0.63	1.49	0.63	1.46
130.0	1.56	0.80	1.49	0.70	1.42	0.63	1.04	1.49	0.70	1.46	0.66	1.42
135.0	1.60	0.91	1.56	0.84	1.46	0.73	1.14	1.53	0.80	1.49	0.77	1.42
140.0	1.70	1.07	1.67	1.00	1.53	0.87	1.32	1.60	0.94	1.56	0.91	1.53
145.0	1.84	1.32	1.81	1.25	1.67	1.07	1.53	1.77	1.14	1.70	1.14	1.67
150.0	2.08	1.63	2.01	1.53	1.87	1.35	1.84	1.94	1.46	1.91	1.42	1.87
155.0	2.36	1.94	2.33	1.84	2.15	1.70	2.15	2.22	1.77	2.19	1.77	2.15
160.0	2.68	2.29	2.64	2.19	2.43	2.05	2.54	2.54	2.12	2.50	2.12	2.47
165.0	2.99	2.64	2.88	2.50	2.74	2.40	2.92	2.81	2.47	2.81	2.47	2.78
170.0	3.27	2.92	3.13	2.78	2.95	2.68	3.20	3.09	2.74	3.09	2.71	2.99
175.0	3.41	3.06	3.23	2.95	3.09	2.81	3.41	3.27	2.92	3.23	2.85	3.13
180.0	3.55	3.30	2.99	3.30	2.92	3.16	3.55	3.30	2.99	3.30	2.92	3.16

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/01/16

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