

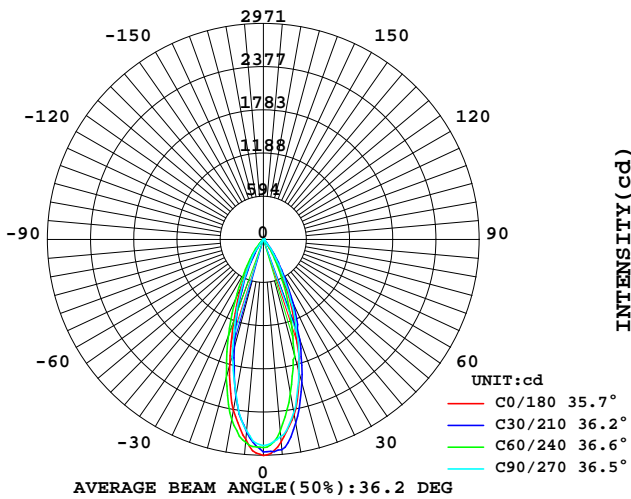
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

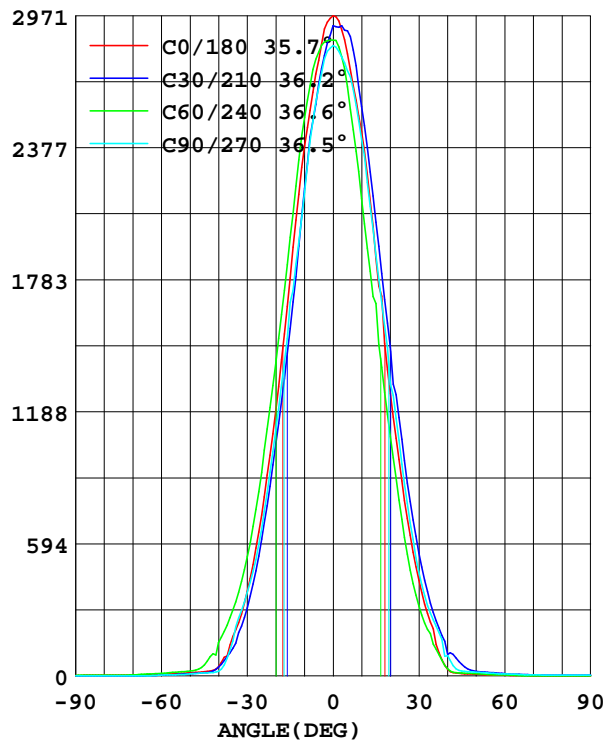
MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	2989	S/MH(C0/180)	0.57
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.56
NOMINAL POWER(W)	15	TOTAL FLUX(lm)	1284.3	Voltage(V)	120.3
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	84.8	Current(A)	0.127
NOMINAL FLUX(lm)	1284.3	h up(%)	1.1	Power(W)	15.15
LAMPS QUANTITY	1	h down(%)	98.9	Power Factor(PF)	0.987
TEST VOLTAGE(V)	120.3	Effective Flux(lm)	1284.3	EEL	0.160

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



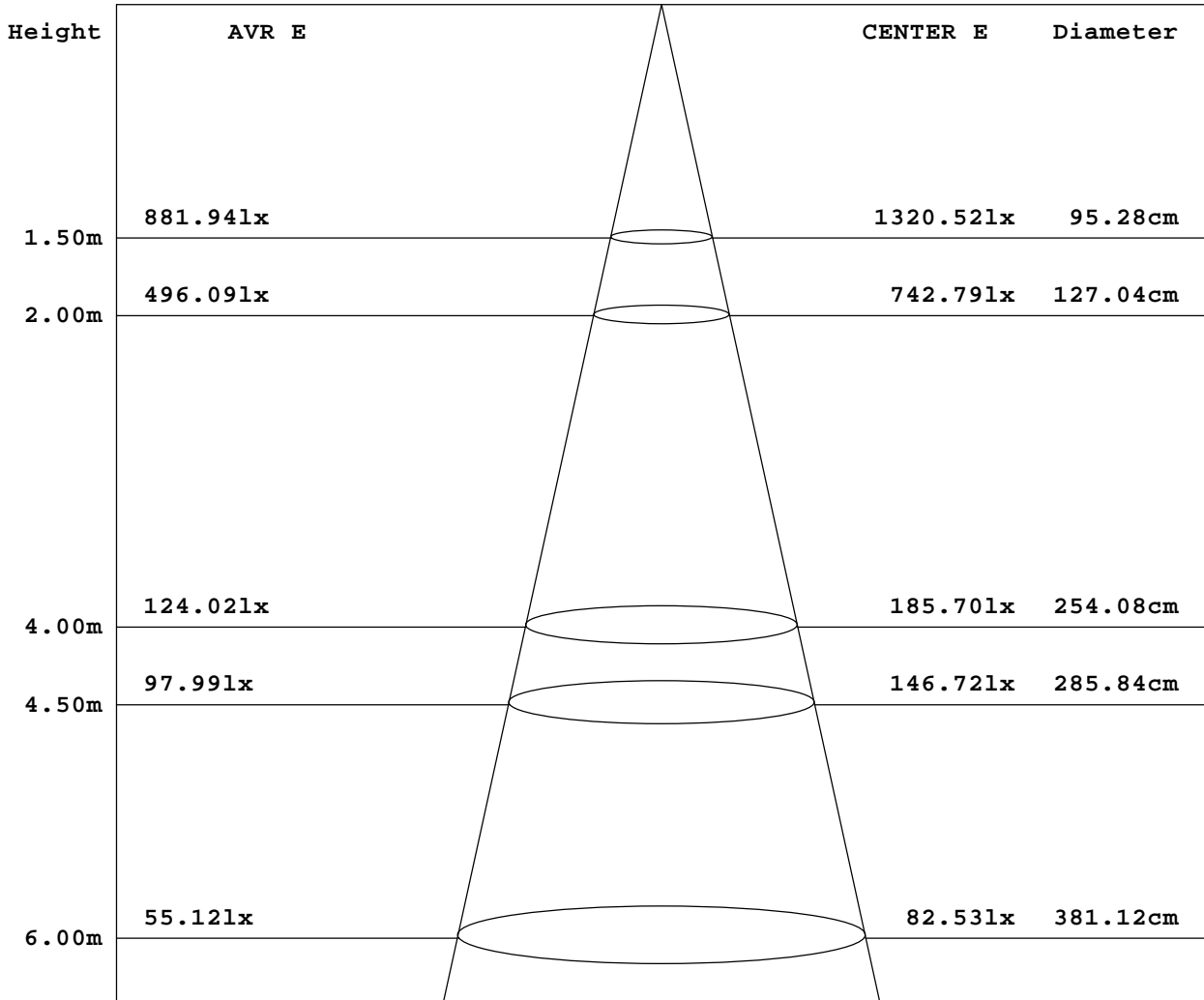
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:



Angle: 35.2deg

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2024/02/01

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-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tTotal
5.0	2769	2734	2646	2755	2799	2777	2723	2730	0- 5	67.57	67.57
10.0	2384	2353	2176	2326	2449	2355	2415	2389	5- 10	182.1	249.7
15.0	1790	1769	1682	1754	1877	1859	1892	1835	10- 15	245.3	495.0
20.0	1194	1225	1106	1208	1271	1277	1313	1253	15- 20	247.4	742.5
25.0	723.1	765.6	659.7	748.5	788.2	796.0	863.2	772.4	20- 25	206.7	949.2
30.0	381.1	421.1	376.2	427.3	432.2	434.7	466.6	422.2	25- 30	146.4	1096
35.0	177.4	210.9	158.1	229.7	212.1	214.9	252.4	207.6	30- 35	90.28	1186
40.0	41.45	95.15	20.99	83.94	29.51	64.72	91.23	85.26	35- 40	43.90	1230
45.0	18.86	32.39	13.71	22.13	10.68	32.46	22.38	25.84	40- 45	15.58	1246
50.0	14.62	16.44	9.120	14.51	7.867	15.80	17.26	14.15	45- 50	7.255	1253
55.0	10.37	11.85	5.674	9.137	4.525	10.96	12.56	10.47	50- 55	5.192	1258
60.0	7.936	7.605	3.724	5.830	3.481	7.501	9.329	6.683	55- 60	3.739	1262
65.0	5.082	5.117	1.113	3.811	1.740	4.525	6.683	4.420	60- 65	2.615	1264
70.0	4.212	2.732	0.975	2.471	1.427	3.028	4.594	2.697	65- 70	1.692	1266
75.0	3.655	2.297	0.801	2.175	1.253	2.471	4.037	2.349	70- 75	1.323	1267
80.0	3.272	2.071	0.696	1.966	1.148	2.245	3.515	2.140	75- 80	1.196	1269
85.0	2.993	1.897	0.661	1.810	1.113	2.088	3.167	2.018	80- 85	1.108	1270
90.0	2.784	1.775	0.696	1.705	1.148	1.984	2.958	1.897	85- 90	1.041	1271
95.0	2.575	1.670	0.696	1.636	1.148	1.879	2.784	1.810	90- 95	0.992	1272
100.0	2.436	1.618	0.731	1.549	1.148	1.792	2.610	1.723	95-100	0.941	1273
105.0	2.297	1.549	0.766	1.514	1.183	1.723	2.471	1.653	100-105	0.888	1274
110.0	2.227	1.496	0.801	1.479	1.183	1.636	2.297	1.583	105-110	0.837	1274
115.0	2.088	1.496	0.835	1.444	1.183	1.566	2.193	1.514	110-115	0.785	1275
120.0	2.018	1.462	0.870	1.427	1.183	1.531	2.053	1.479	115-120	0.732	1276
125.0	1.984	1.496	0.975	1.444	1.253	1.514	1.984	1.462	120-125	0.692	1277
130.0	2.018	1.601	1.148	1.549	1.357	1.601	1.984	1.549	125-130	0.670	1277
135.0	2.193	1.810	1.427	1.740	1.601	1.757	2.053	1.705	130-135	0.676	1278
140.0	2.506	2.158	1.914	2.071	1.984	2.071	2.262	2.036	135-140	0.715	1279
145.0	2.993	2.680	2.506	2.593	2.541	2.523	2.645	2.488	140-145	0.780	1279
150.0	3.655	3.359	3.202	3.237	3.272	3.115	3.167	3.115	145-150	0.856	1280
155.0	4.420	4.142	4.037	4.003	4.107	3.881	3.829	3.863	150-155	0.915	1281
160.0	5.256	4.943	4.803	4.821	5.047	4.699	4.629	4.716	155-160	0.926	1282
165.0	6.022	5.691	5.569	5.604	5.952	5.499	5.430	5.499	160-165	0.861	1283
170.0	6.753	6.300	6.196	6.213	6.753	6.178	6.161	6.143	165-170	0.706	1284
175.0	7.240	6.718	6.648	6.579	7.310	6.666	6.683	6.579	170-175	0.467	1284
180.0	7.553	6.979	6.962	6.787	7.553	6.874	6.962	6.787	175-180	0.164	1284
DEG	LUMINOUS INTENSITY:cd									UNIT: lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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

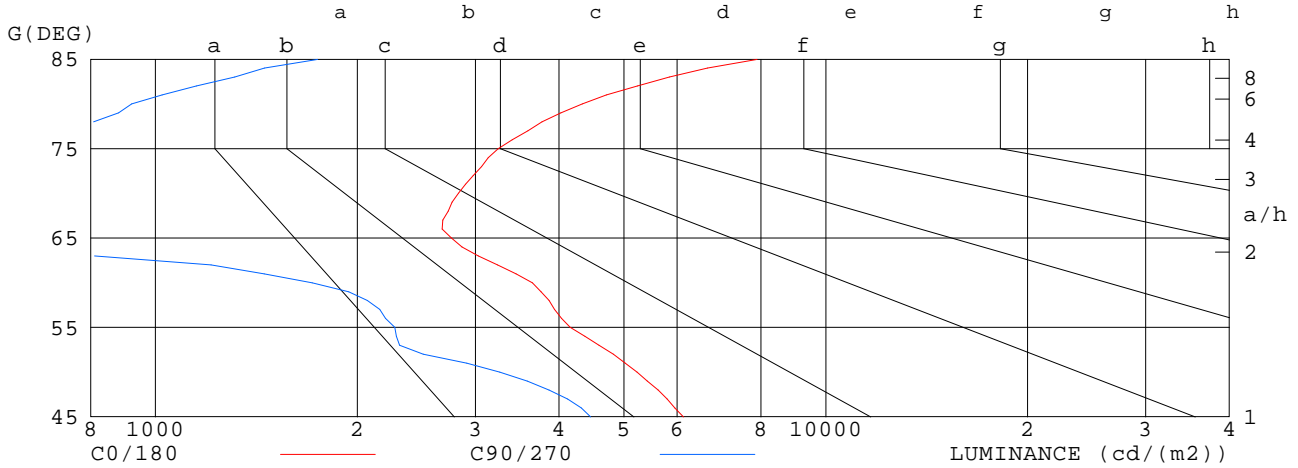
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		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



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	7896	1745
80	4332	922
75	3246	711
70	2831	655
65	2765	606
60	3649	1712
55	4158	2274
50	5229	3262
45	6134	4459

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/02/01

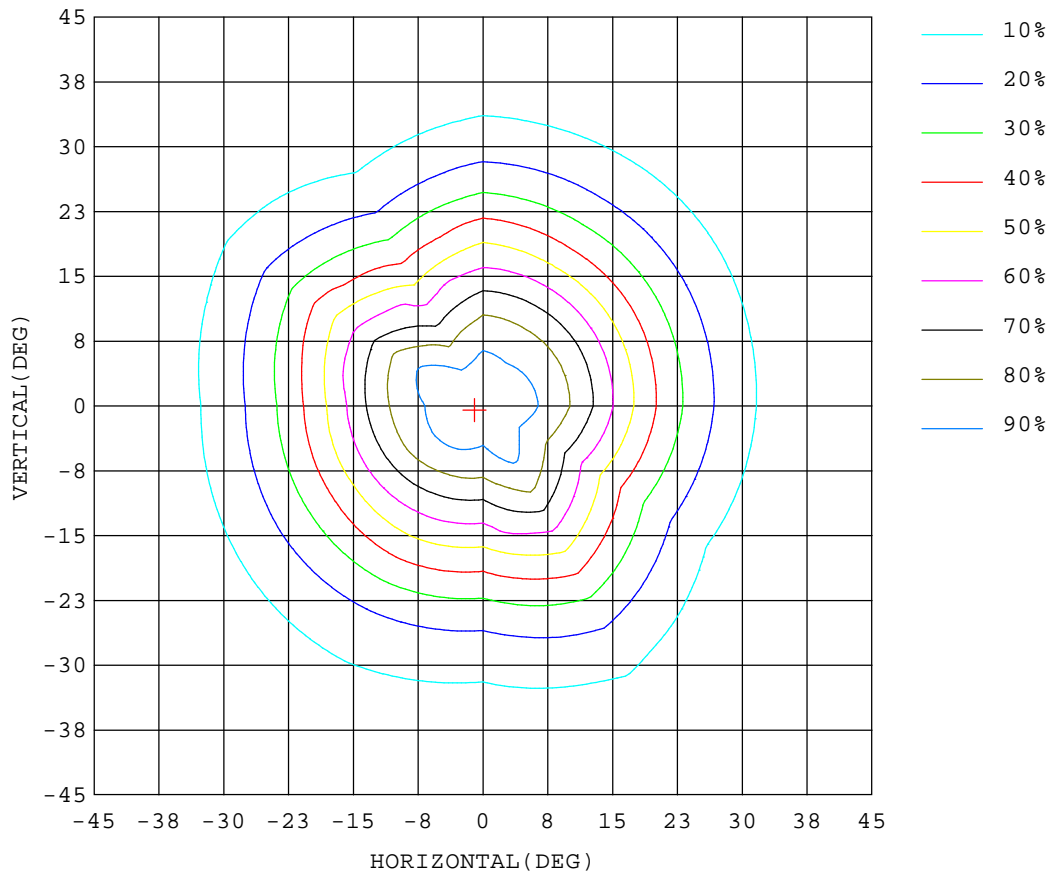
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

UNIT: cd



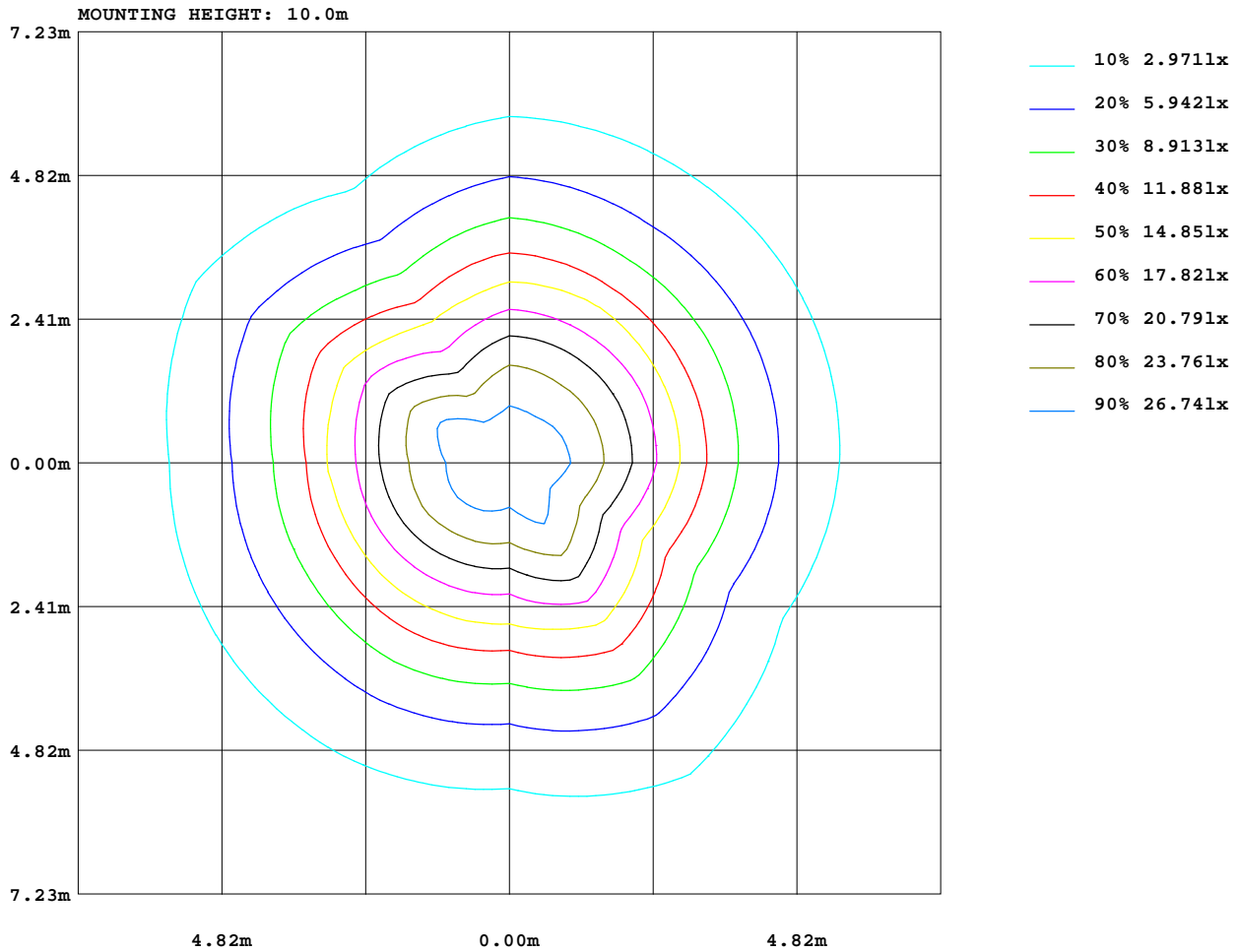
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/02/01

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-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	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	0.07	0.08	0.09	0.10	0.09	0.11	0.15	0.23	0.32	0.35	0.32	0.26	0.19	0.13	0.10	0.08	0.07	0.06	2.77	2.77
40	0.09	0.10	0.13	0.18	0.18	0.23	0.53	0.88	1.17	1.23	1.04	0.78	0.53	0.33	0.18	0.11	0.09	0.07	7.85	7.85
35	0.11	0.16	0.28	0.39	0.57	0.86	1.41	1.98	2.46	2.55	2.25	1.79	1.23	0.75	0.41	0.19	0.11	0.08	17.5	17.5
30	0.13	0.29	0.53	0.92	1.45	1.91	2.55	3.65	4.62	4.82	4.19	3.29	2.33	1.49	0.80	0.39	0.15	0.10	33.6	33.6
25	0.16	0.45	0.96	1.77	2.69	3.61	4.51	6.27	7.85	8.13	7.06	5.50	3.92	2.48	1.39	0.66	0.25	0.11	57.8	57.8
20	0.20	0.52	1.41	2.79	4.45	6.18	7.59	9.33	11.5	12.0	10.5	8.28	5.90	3.73	2.06	0.98	0.37	0.13	88.1	88.1
15	0.21	0.61	1.76	3.57	6.28	9.11	11.4	12.9	15.4	16.1	14.3	11.3	7.95	5.03	2.76	1.32	0.47	0.15	121	121
10	0.18	0.66	2.00	4.05	7.16	11.1	15.1	17.2	18.6	19.3	17.4	13.9	9.66	6.08	3.34	1.58	0.56	0.16	148	148
5	0.13	0.64	2.04	4.15	7.34	11.6	16.3	20.0	21.3	21.2	19.1	15.4	10.6	6.63	3.64	1.71	0.60	0.15	163	163
0	0.10	0.60	1.96	3.98	7.02	11.1	15.7	19.3	21.3	21.1	18.5	14.7	10.2	6.39	3.50	1.64	0.56	0.14	158	158
-5	0.10	0.55	1.79	3.59	6.26	9.74	13.6	16.9	18.5	19.3	17.1	12.3	8.56	5.41	2.96	1.38	0.46	0.13	139	139
-10	0.10	0.43	1.46	2.95	5.08	7.81	10.8	13.2	14.4	15.2	14.7	10.8	7.02	4.13	2.23	1.02	0.33	0.11	112	112
-15	0.08	0.30	1.06	2.22	3.77	5.72	7.89	9.63	10.3	10.8	10.9	8.84	5.74	3.20	1.53	0.66	0.21	0.09	83.1	83.1
-20	0.07	0.18	0.65	1.53	2.58	3.82	5.13	6.19	6.66	7.00	7.12	6.27	4.20	2.39	1.13	0.41	0.13	0.08	55.5	55.5
-25	0.06	0.11	0.32	0.87	1.65	2.42	3.11	3.63	3.86	4.06	4.18	3.83	2.82	1.64	0.81	0.28	0.10	0.07	33.8	33.8
-30	0.05	0.08	0.15	0.38	0.83	1.40	1.76	2.01	2.11	2.21	2.26	2.09	1.73	1.03	0.47	0.19	0.09	0.06	18.9	18.9
-35	0.04	0.07	0.11	0.17	0.33	0.54	0.66	0.70	0.63	0.69	0.86	0.90	0.83	0.53	0.25	0.12	0.08	0.05	7.55	7.55
-40	0.03	0.06	0.09	0.12	0.16	0.19	0.21	0.20	0.16	0.19	0.29	0.35	0.32	0.22	0.14	0.10	0.07	0.04	2.92	2.92
-45	0.03	0.06	0.09	0.12	0.16	0.19	0.21	0.20	0.16	0.19	0.29	0.35	0.32	0.22	0.14	0.10	0.07	0.04	2.92	2.92
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φ t	1.89	5.86	16.8	33.7	57.9	87.5	119	145	162	167	153	121	83.8	51.6	27.7	12.8	4.69	1.75	1284	
Φ a	1.89	5.86	16.8	33.7	57.9	87.5	119	145	162	167	153	121	83.8	51.6	27.7	12.8	4.69	1.75		1284

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

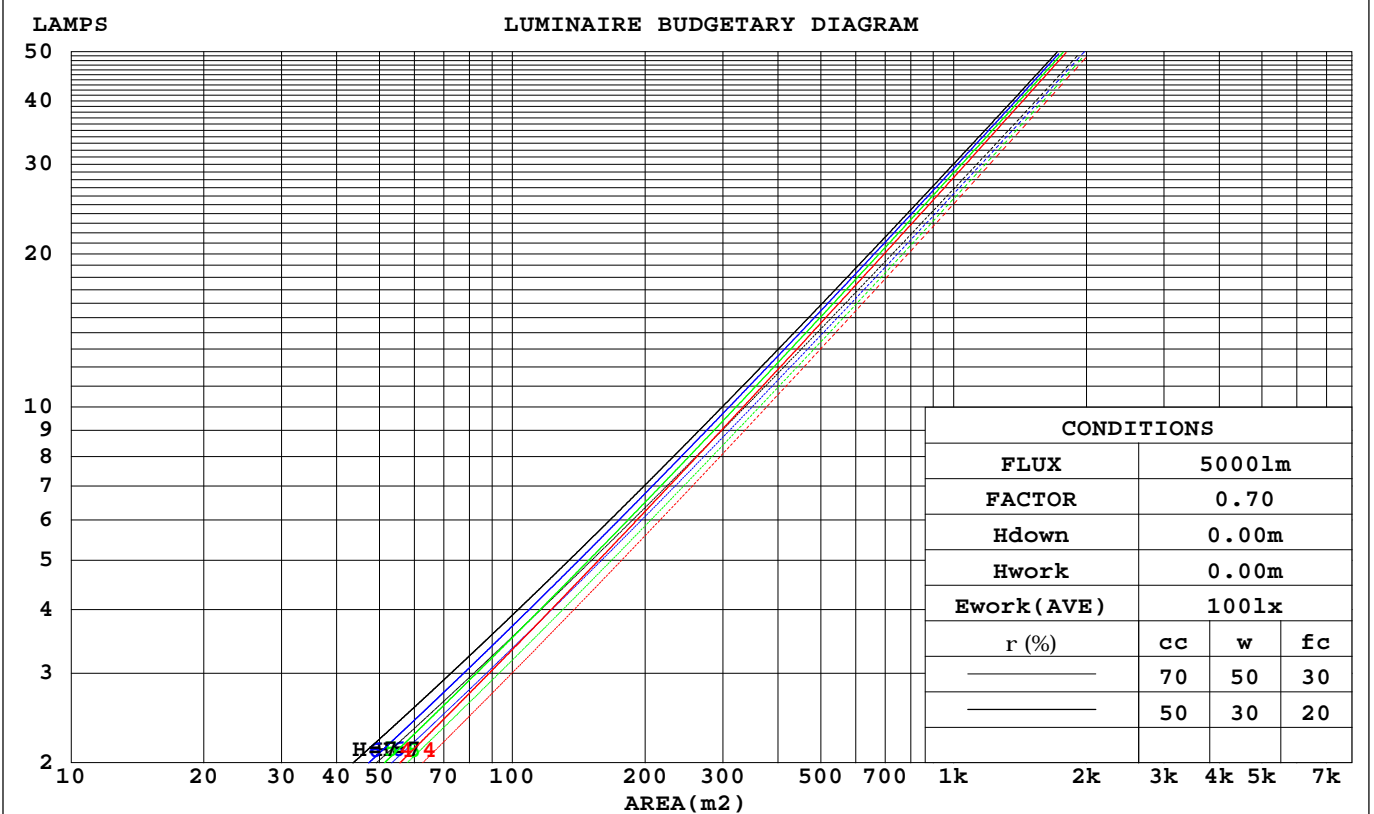
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	
SPECIFICATION:		SERIAL No.:	
CCT(K): 5000		DIMENSION:	

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	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.97	.97	.96	.94
2.0	1.05	1.01	.98	1.03	.00	.97	.00	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.99	.95	.91	.98	.94	.90	.95	.92	.89	.92	.90	.87	.90	.88	.86	.84
4.0	.94	.89	.85	.93	.88	.85	.90	.87	.84	.88	.85	.83	.86	.84	.82	.80
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.85	.81	.78	.83	.80	.78	.76
6.0	.85	.80	.76	.84	.79	.76	.83	.78	.75	.81	.77	.75	.80	.77	.74	.73
7.0	.81	.76	.72	.80	.75	.72	.79	.75	.72	.78	.74	.71	.77	.73	.71	.69
8.0	.77	.72	.69	.77	.72	.69	.76	.71	.68	.75	.71	.68	.74	.70	.68	.66
9.0	.74	.69	.66	.74	.69	.66	.73	.68	.65	.72	.68	.65	.71	.67	.65	.64
10.0	.71	.66	.63	.71	.66	.63	.70	.65	.63	.69	.65	.62	.68	.65	.62	.61



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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-COB04-S15W-5CCT-4SR-BF-BK		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	.161	.092	.029	.154	.088	.028	.141	.081	.026	.129	.074	.024	.118	.068	.022	
2.0	.151	.083	.025	.145	.080	.025	.134	.075	.023	.124	.070	.022	.115	.065	.020	
3.0	.142	.076	.023	.137	.074	.022	.128	.069	.021	.119	.065	.020	.111	.062	.019	
4.0	.135	.070	.021	.130	.068	.020	.122	.065	.019	.115	.062	.019	.108	.059	.018	
5.0	.128	.065	.019	.124	.064	.019	.117	.061	.018	.111	.058	.017	.104	.056	.017	
6.0	.121	.061	.017	.118	.060	.017	.112	.057	.017	.106	.055	.016	.101	.053	.016	
7.0	.116	.057	.016	.113	.056	.016	.108	.054	.016	.103	.053	.015	.098	.051	.015	
8.0	.111	.054	.015	.108	.053	.015	.103	.052	.015	.099	.050	.014	.095	.049	.014	
9.0	.106	.051	.014	.104	.051	.014	.100	.049	.014	.096	.048	.014	.092	.047	.013	
10.0	.102	.049	.014	.100	.048	.013	.096	.047	.013	.092	.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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.178	.166	.154	.152	.142	.133	.104	.098	.092	.060	.057	.053	.019	.018	.017	
2.0	.162	.141	.123	.138	.121	.107	.095	.084	.074	.055	.049	.044	.018	.016	.014	
3.0	.148	.122	.101	.127	.105	.087	.087	.073	.061	.050	.043	.036	.016	.014	.012	
4.0	.137	.107	.084	.117	.092	.073	.081	.064	.051	.047	.038	.030	.015	.012	.010	
5.0	.127	.095	.071	.109	.082	.062	.075	.057	.043	.044	.034	.026	.014	.011	.008	
6.0	.119	.085	.061	.103	.074	.053	.071	.052	.037	.041	.030	.022	.013	.010	.007	
7.0	.112	.077	.053	.097	.067	.046	.067	.047	.033	.039	.028	.019	.013	.009	.006	
8.0	.106	.071	.047	.092	.062	.041	.063	.043	.029	.037	.025	.017	.012	.008	.006	
9.0	.101	.066	.042	.087	.057	.036	.060	.040	.026	.035	.024	.015	.011	.008	.005	
10.0	.096	.061	.038	.083	.053	.033	.058	.037	.023	.034	.022	.014	.011	.007	.005	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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-COB04-S15W-5CCT-4SR-BF-BK					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	13.4	14.2	13.6	14.4	14.6	16.5	17.3	16.7	17.4	17.6
3H	13.3	14.1	13.6	14.3	14.5	16.3	17.1	16.6	17.3	17.5
4H	13.4	14.1	13.6	14.3	14.5	16.3	17.0	16.5	17.2	17.4
6H	13.5	14.1	13.8	14.4	14.6	16.2	16.8	16.5	17.1	17.4
8H	13.6	14.2	13.9	14.5	14.8	16.2	16.8	16.5	17.1	17.3
12H	13.8	14.4	14.1	14.7	15.0	16.1	16.7	16.4	17.0	17.3
4H 2H	13.3	14.0	13.5	14.2	14.4	16.3	17.0	16.5	17.2	17.4
3H	13.2	13.8	13.5	14.1	14.4	16.2	16.8	16.5	17.1	17.3
4H	13.2	13.8	13.6	14.1	14.4	16.1	16.7	16.5	17.0	17.3
6H	13.4	13.9	13.8	14.2	14.6	16.1	16.6	16.5	16.9	17.3
8H	13.6	14.0	14.0	14.4	14.8	16.1	16.5	16.5	16.9	17.3
12H	13.9	14.3	14.3	14.7	15.1	16.0	16.5	16.5	16.8	17.3
8H 4H	13.1	13.6	13.6	14.0	14.4	16.0	16.5	16.4	16.8	17.2
6H	13.3	13.7	13.8	14.1	14.5	16.0	16.4	16.5	16.8	17.3
8H	13.5	13.8	14.0	14.3	14.7	16.1	16.4	16.5	16.9	17.3
12H	13.9	14.2	14.4	14.7	15.2	16.1	16.4	16.6	16.9	17.4
12H 4H	13.1	13.5	13.6	13.9	14.3	15.9	16.4	16.4	16.8	17.2
6H	13.3	13.7	13.8	14.1	14.6	16.0	16.3	16.5	16.8	17.2
8H	13.5	13.8	14.0	14.3	14.8	16.1	16.4	16.6	16.8	17.3
Variations with the observer position at spacings:										
s = 1.0H	+ 2.5 / - 2.5					+ 2.4 / - 4.3				
1.5H	+ 4.3 / - 2.6					+ 4.6 / - 5.0				
2.0H	+ 1.4 / - 1.7					+ 1.6 / - 2.2				

CIE Pub.117 Corrected 1284 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.9)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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-COB04-S15W-5CCT-4SR-BF-BK		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	89	83	79	88	83	79	88	82	79	76
0.80	96	91	87	95	90	87	94	90	86	83
1.00	100	95	91	99	94	91	98	94	90	87
1.25	104	99	96	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	104	102	99	94
2.50	110	107	104	109	105	103	105	103	101	95
3.00	112	109	106	110	107	105	106	104	102	96
4.00	114	111	109	112	109	108	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

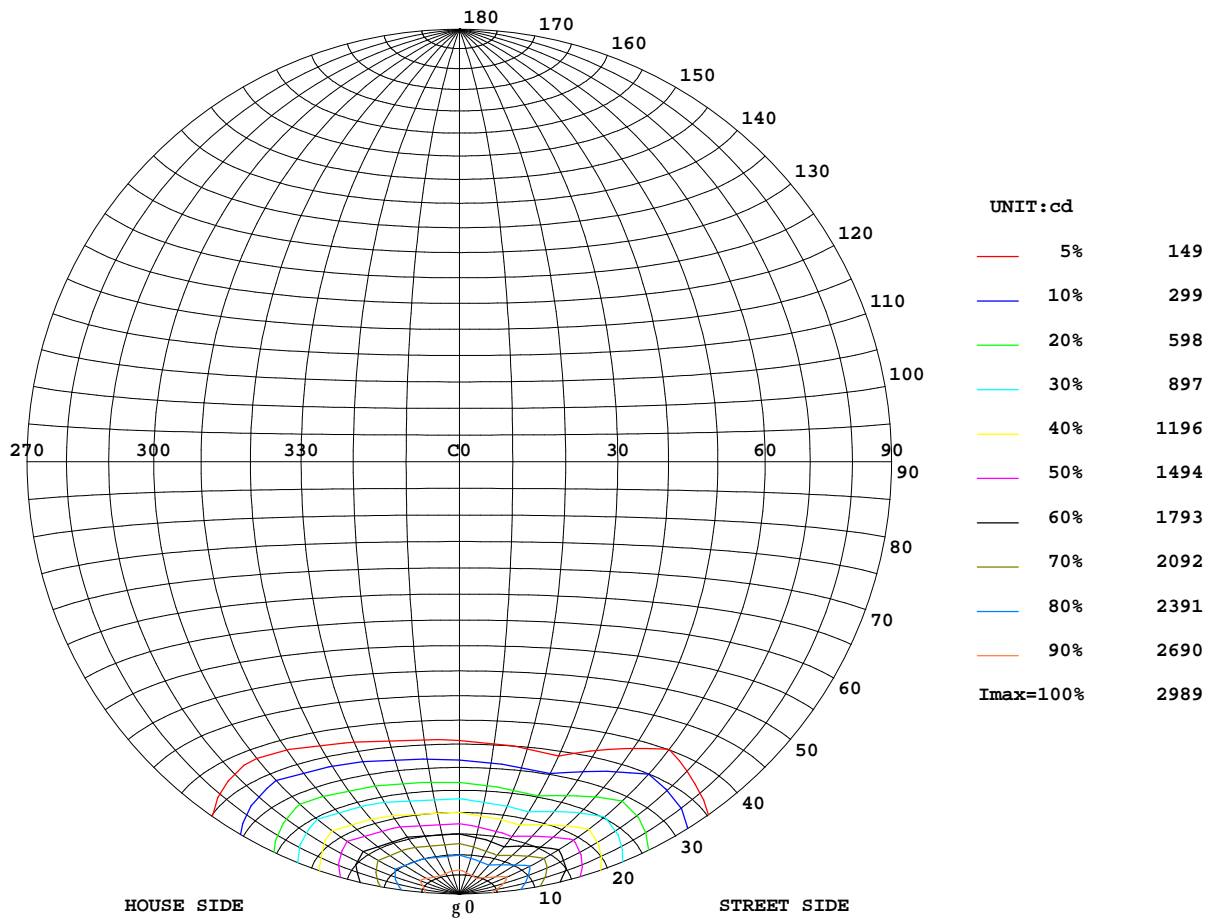
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

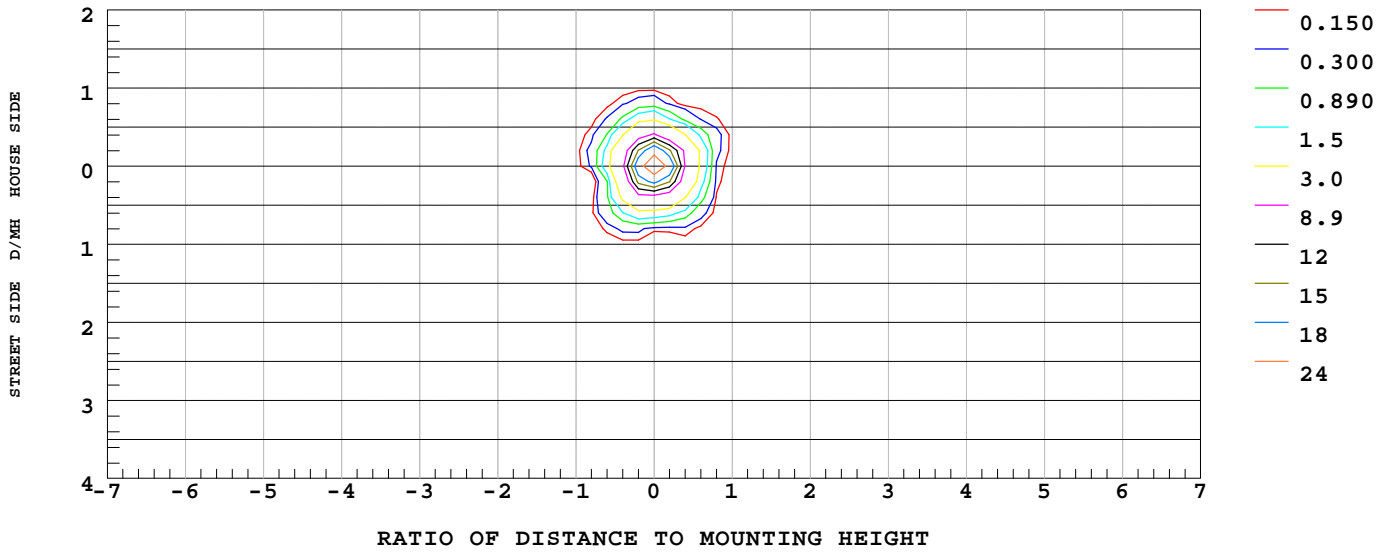
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 29.71 lx



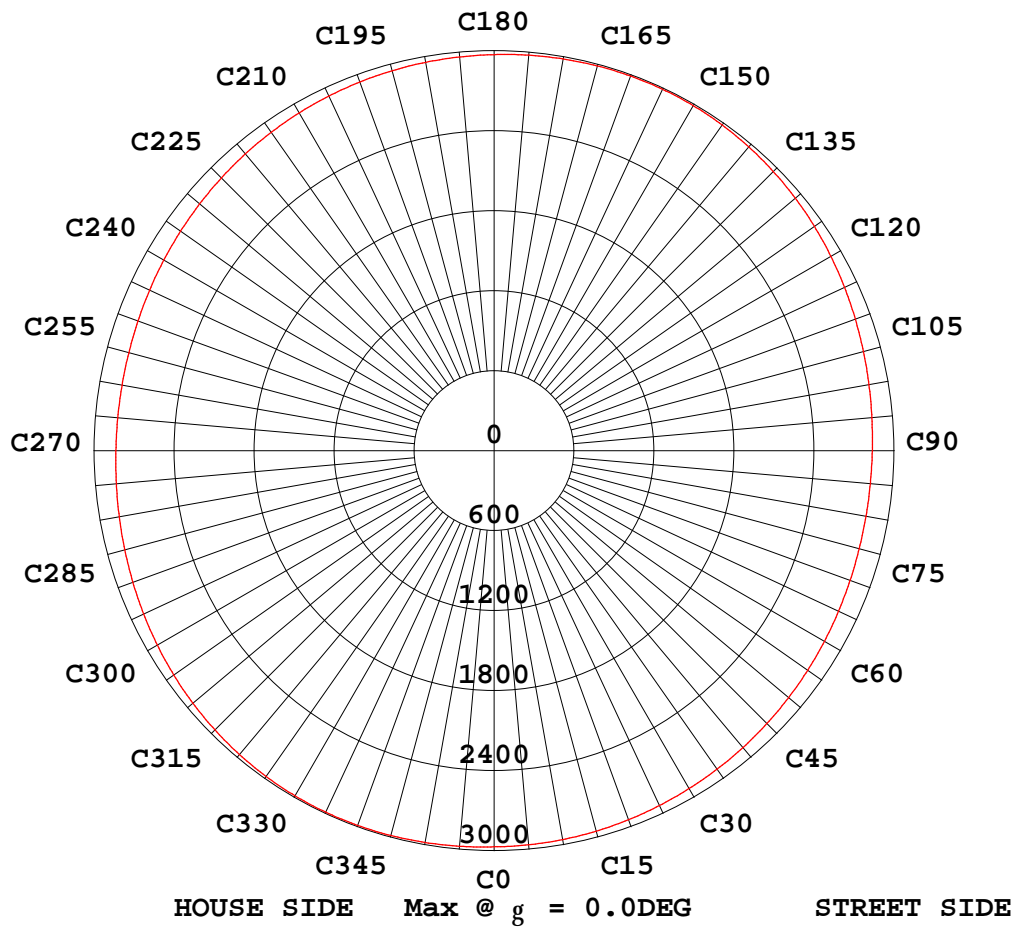
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 5000	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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-COB04-S15W-5CCT-4SR-BF-BK		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	2971	2926	2861	2837	2917	2989	2971	2926	2861	2837	2917	2989
5.0	2769	2662	2806	2646	2724	2785	2799	2903	2651	2723	2707	2753
10.0	2384	2194	2513	2176	2259	2393	2449	2562	2148	2415	2389	2390
15.0	1790	1564	1974	1682	1716	1793	1877	2042	1676	1892	1847	1823
20.0	1194	1043	1406	1106	1199	1217	1271	1478	1077	1313	1266	1239
25.0	723	616	916	660	734	763	788	969	623	863	781	764
30.0	381	306	536	376	421	434	432	553	316	467	431	413
35.0	177	125	297	158	241	219	212	286	144	252	213	202
40.0	41.4	39.3	151	20.9	97.9	69.9	29.5	97.6	31.8	91.2	84.4	86.0
45.0	18.8	14.4	50.3	13.7	27.4	16.8	10.6	51.8	13.0	22.3	27.1	24.5
50.0	14.6	10.6	22.2	9.12	18.6	10.3	7.86	21.2	10.3	17.2	11.9	16.3
55.0	10.3	6.57	17.1	5.67	12.1	6.09	4.52	15.5	6.37	12.5	8.73	12.2
60.0	7.93	3.62	11.5	3.72	8.31	3.34	3.48	10.5	4.42	9.32	4.76	8.59
65.0	5.08	1.46	8.77	1.11	5.95	1.67	1.74	7.31	1.74	6.68	2.68	6.16
70.0	4.21	0.80	4.66	0.97	4.07	0.87	1.42	4.97	1.07	4.59	1.07	4.31
75.0	3.65	0.73	3.86	0.80	3.58	0.77	1.25	4.00	0.94	4.03	0.91	3.79
80.0	3.27	0.73	3.41	0.70	3.23	0.70	1.14	3.58	0.91	3.51	0.87	3.41
85.0	2.99	0.70	3.09	0.66	2.92	0.70	1.11	3.30	0.87	3.16	0.87	3.16
90.0	2.78	0.73	2.81	0.70	2.71	0.70	1.14	3.06	0.91	2.95	0.87	2.92
95.0	2.57	0.73	2.61	0.70	2.54	0.73	1.14	2.85	0.91	2.78	0.87	2.74
100.0	2.43	0.77	2.47	0.73	2.36	0.73	1.14	2.68	0.91	2.61	0.87	2.57
105.0	2.29	0.77	2.33	0.77	2.26	0.77	1.18	2.54	0.91	2.47	0.87	2.43
110.0	2.22	0.80	2.19	0.80	2.15	0.80	1.18	2.36	0.91	2.29	0.87	2.29
115.0	2.08	0.87	2.12	0.84	2.05	0.84	1.18	2.22	0.91	2.19	0.87	2.15
120.0	2.01	0.91	2.01	0.87	1.98	0.87	1.18	2.12	0.94	2.05	0.91	2.05
125.0	1.98	1.04	1.94	0.97	1.94	0.94	1.25	2.01	1.00	1.98	0.94	1.98
130.0	2.01	1.25	1.94	1.14	1.98	1.11	1.35	2.01	1.18	1.98	1.07	2.01
135.0	2.19	1.56	2.05	1.42	2.12	1.35	1.60	2.05	1.46	2.05	1.28	2.12
140.0	2.50	2.01	2.29	1.91	2.40	1.74	1.98	2.26	1.87	2.26	1.67	2.40
145.0	2.99	2.68	2.68	2.50	2.88	2.29	2.54	2.61	2.43	2.64	2.15	2.81
150.0	3.65	3.44	3.27	3.20	3.44	3.02	3.27	3.09	3.13	3.16	2.81	3.41
155.0	4.42	4.31	3.96	4.03	4.17	3.82	4.10	3.79	3.96	3.82	3.58	4.14
160.0	5.25	5.15	4.73	4.80	4.94	4.69	5.04	4.59	4.80	4.62	4.45	4.97
165.0	6.02	5.88	5.49	5.56	5.67	5.53	5.95	5.43	5.56	5.43	5.25	5.74
170.0	6.75	6.43	6.16	6.19	6.26	6.16	6.75	6.16	6.19	6.16	5.91	6.37
175.0	7.24	6.78	6.64	6.64	6.33	6.82	7.31	6.75	6.57	6.68	6.33	6.82
180.0	7.55	7.06	6.89	6.96	6.54	7.03	7.55	7.06	6.68	6.96	6.54	7.03

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
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