

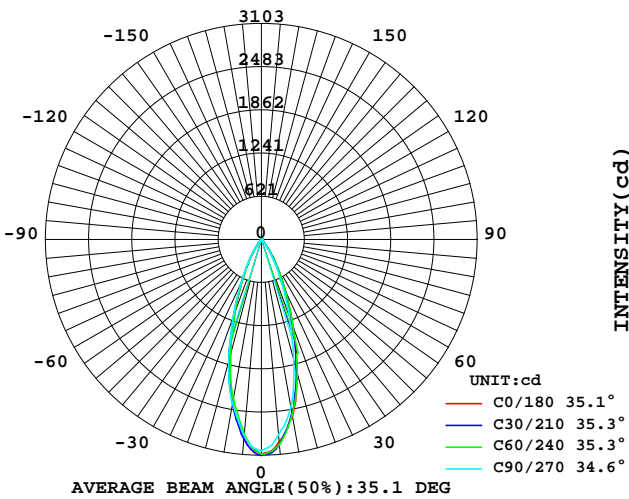
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

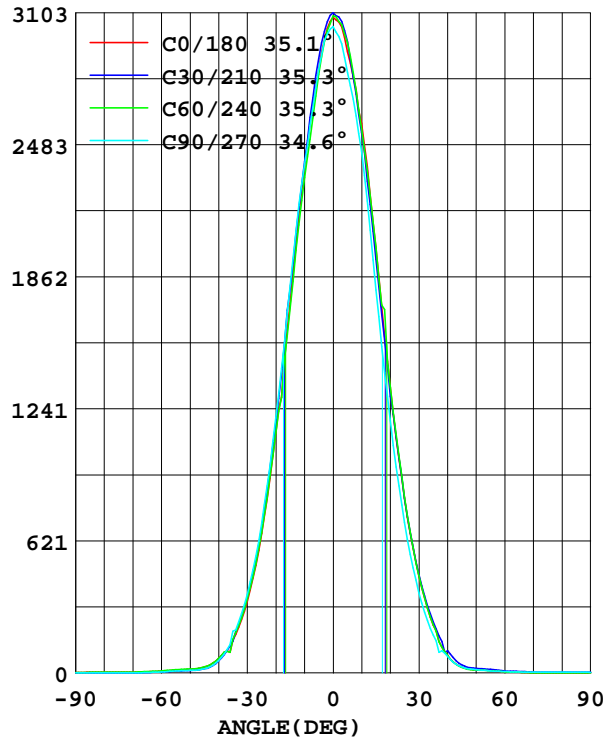
MANUFACTURER:			
Address:			
NAME: JXL-COB04-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	3103	S/MH(C0/180)	0.54
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.57
NOMINAL POWER(W)	15	TOTAL FLUX(lm)	1270.8	Voltage(V)	120.5
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	85.7	Current(A)	0.124
NOMINAL FLUX(lm)	1270.8	h up(%)	1.1	Power(W)	14.83
LAMPS QUANTITY	1	h down(%)	98.9	Power Factor(PF)	0.986
TEST VOLTAGE(V)	120.5	Effective Flux(lm)	1270.8	EET	0.158

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



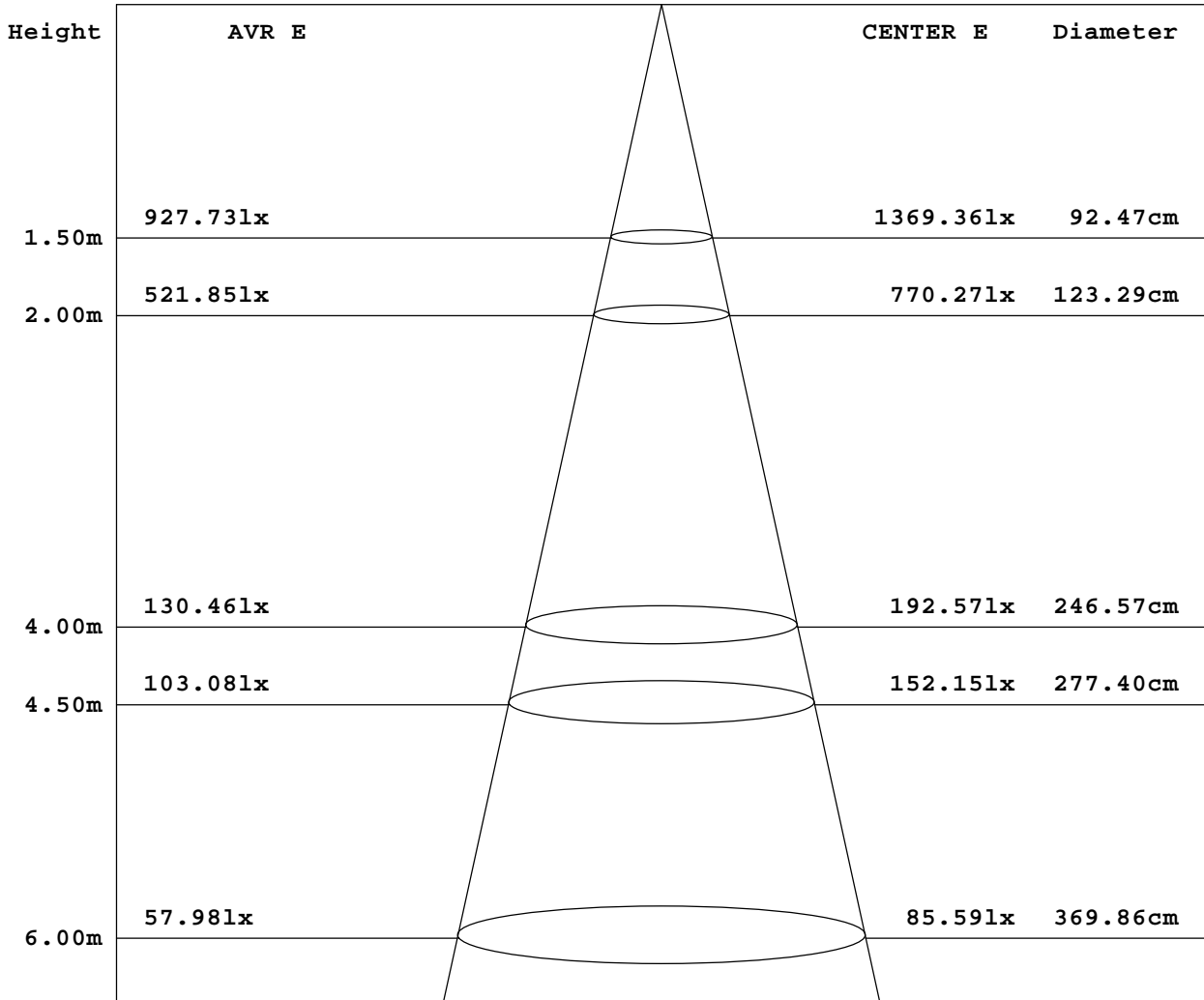
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/02

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-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Angle: 34.3deg

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

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-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Φone	tStal
5.0	2835	2849	2837	2784	2919	2965	2823	2838	0- 5	70.61	70.61
10.0	2379	2366	2391	2410	2584	2549	2454	2442	5- 10	188.6	259.2
15.0	1738	1761	1821	1800	1996	1973	1800	1834	10- 15	253.6	512.8
20.0	1125	1151	1199	1174	1339	1322	1185	1188	15- 20	247.6	760.5
25.0	654.6	672.2	703.1	694.1	825.7	822.3	707.0	693.1	20- 25	198.1	958.6
30.0	336.2	351.4	368.7	371.9	457.2	460.5	376.7	365.1	25- 30	136.1	1095
35.0	153.8	153.9	195.9	165.9	224.2	233.0	177.8	160.0	30- 35	80.68	1175
40.0	68.50	62.43	58.48	67.11	81.31	92.97	77.45	64.32	35- 40	38.07	1214
45.0	28.12	24.12	20.43	26.69	27.53	32.40	28.89	25.04	40- 45	16.55	1230
50.0	17.23	15.33	12.18	15.89	15.17	17.78	16.39	13.94	45- 50	7.865	1238
55.0	13.15	12.16	9.224	11.99	11.06	13.73	9.398	10.26	50- 55	5.933	1244
60.0	8.215	6.962	4.699	6.805	5.186	7.780	6.787	6.091	55- 60	4.252	1248
65.0	5.708	4.490	2.262	4.473	3.237	5.273	4.525	4.316	60- 65	2.633	1251
70.0	4.037	2.367	0.661	2.367	1.009	2.610	4.037	2.523	65- 70	1.660	1252
75.0	3.655	2.158	0.696	2.123	1.044	2.367	3.689	2.314	70- 75	1.223	1254
80.0	3.306	2.001	0.661	1.966	1.079	2.227	3.411	2.175	75- 80	1.161	1255
85.0	3.063	1.879	0.696	1.844	1.079	2.106	3.167	2.036	80- 85	1.106	1256
90.0	2.854	1.757	0.696	1.740	1.113	2.001	2.993	1.966	85- 90	1.056	1257
95.0	2.680	1.688	0.731	1.670	1.148	1.914	2.819	1.862	90- 95	1.008	1258
100.0	2.506	1.618	0.731	1.601	1.148	1.844	2.645	1.775	95-100	0.959	1259
105.0	2.367	1.566	0.766	1.549	1.183	1.757	2.471	1.688	100-105	0.908	1260
110.0	2.262	1.531	0.801	1.496	1.183	1.670	2.367	1.636	105-110	0.855	1261
115.0	2.158	1.514	0.835	1.462	1.183	1.618	2.193	1.583	110-115	0.800	1262
120.0	2.088	1.496	0.905	1.462	1.218	1.566	2.088	1.514	115-120	0.749	1262
125.0	2.053	1.531	0.975	1.479	1.253	1.549	2.018	1.496	120-125	0.706	1263
130.0	2.123	1.636	1.113	1.549	1.357	1.601	2.018	1.549	125-130	0.680	1264
135.0	2.297	1.862	1.357	1.723	1.566	1.740	2.088	1.723	130-135	0.680	1264
140.0	2.610	2.245	1.740	2.036	1.914	2.001	2.332	2.001	135-140	0.713	1265
145.0	3.098	2.819	2.297	2.523	2.471	2.454	2.715	2.471	140-145	0.776	1266
150.0	3.794	3.498	3.028	3.185	3.167	3.063	3.306	3.098	145-150	0.855	1267
155.0	4.594	4.316	3.863	3.968	4.037	3.846	4.037	3.898	150-155	0.919	1268
160.0	5.430	5.169	4.734	4.786	4.977	4.699	4.873	4.734	155-160	0.935	1269
165.0	6.230	5.952	5.499	5.552	5.882	5.534	5.708	5.534	160-165	0.872	1269
170.0	6.892	6.561	6.161	6.196	6.718	6.265	6.474	6.213	165-170	0.717	1270
175.0	7.379	6.962	6.648	6.770	7.310	6.857	6.996	6.683	170-175	0.475	1271
180.0	7.623	7.083	7.136	6.840	7.623	7.083	7.136	6.840	175-180	0.167	1271
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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

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

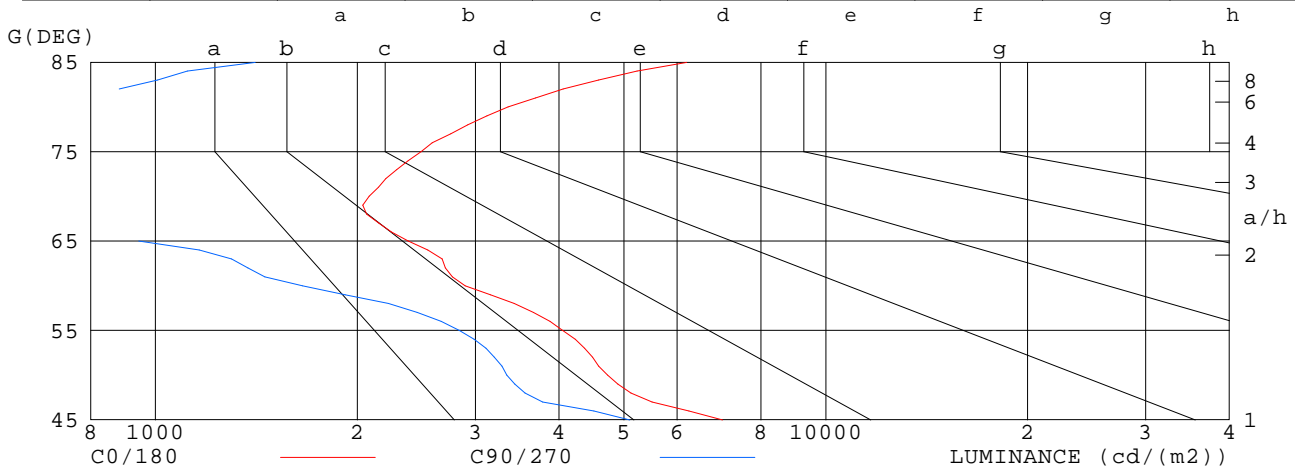
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	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	6199	1409
80	3359	672
75	2491	474
70	2082	341
65	2382	944
60	2898	1658
55	4046	2836
50	4728	3343
45	7015	5097

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

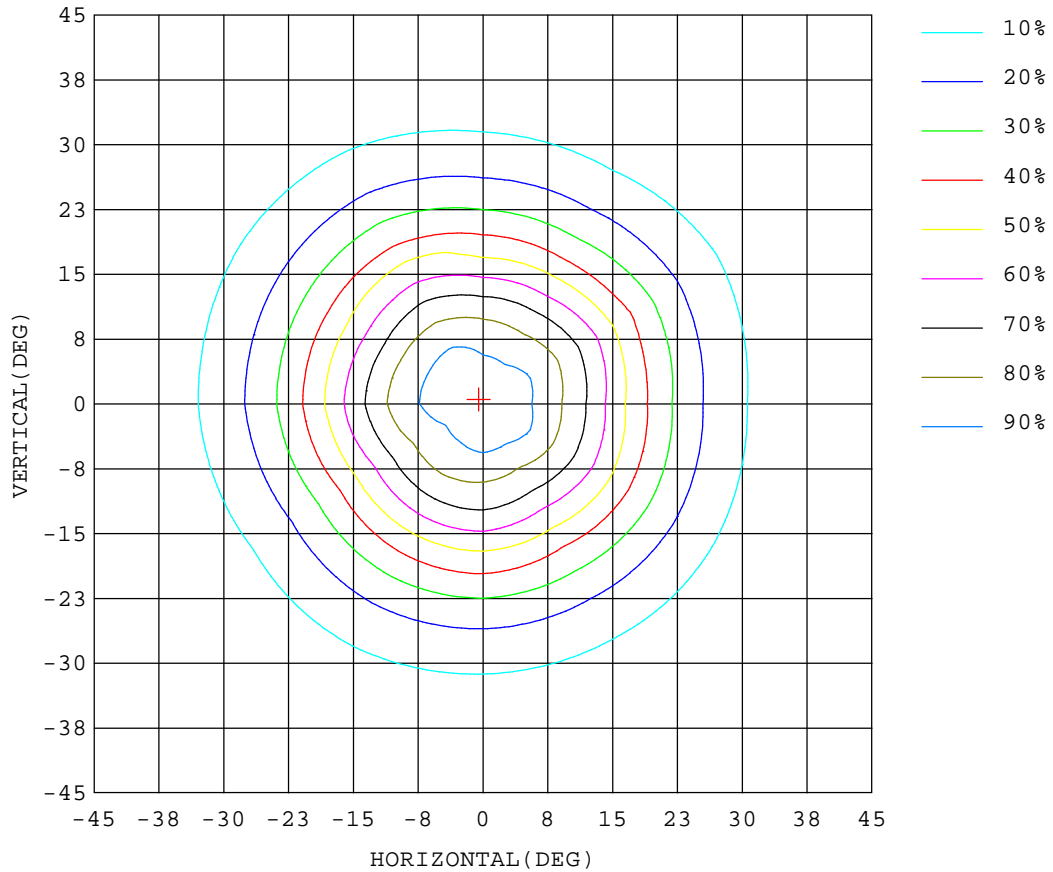
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

UNIT: cd



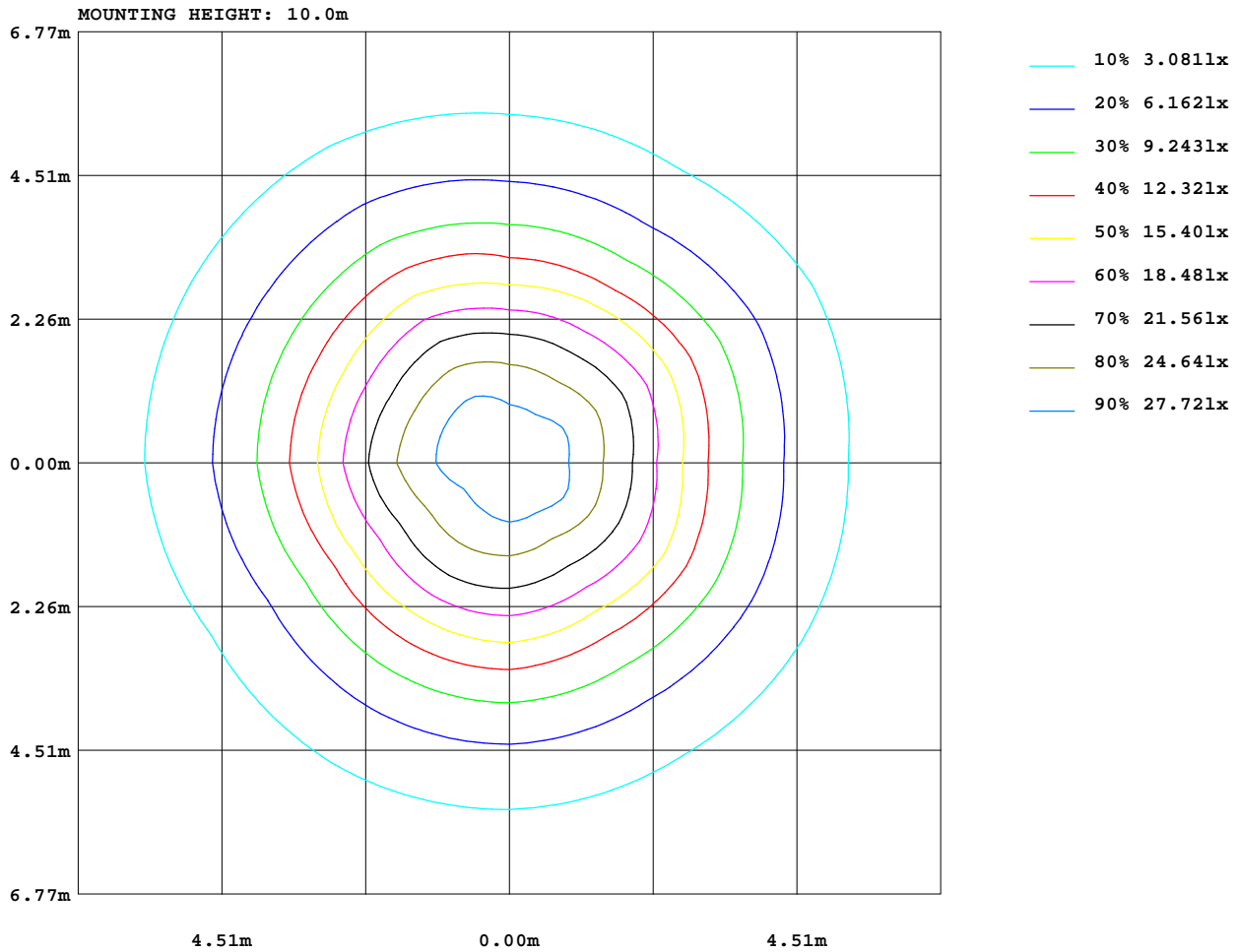
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/02/02

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-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



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

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-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	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	0.09	0.10	0.11	0.14	0.19	0.26	0.33	0.36	0.34	0.28	0.20	0.14	0.10	0.09	0.08	0.07	0.06	3.02	3.02
40	0.10	0.11	0.14	0.20	0.33	0.51	0.70	0.84	0.88	0.83	0.68	0.50	0.32	0.21	0.15	0.11	0.09	0.07	6.77	6.77
35	0.11	0.14	0.25	0.46	0.79	1.26	1.71	2.00	2.08	1.97	1.68	1.26	0.80	0.51	0.32	0.19	0.12	0.09	15.7	15.7
30	0.13	0.23	0.48	0.91	1.64	2.50	3.34	3.91	4.10	3.91	3.38	2.59	1.82	1.14	0.63	0.36	0.19	0.11	31.4	31.4
25	0.15	0.37	0.80	1.62	2.74	4.18	5.76	6.83	7.18	6.86	5.96	4.63	3.33	2.15	1.20	0.60	0.29	0.14	54.8	54.8
20	0.19	0.50	1.22	2.38	4.06	6.30	8.80	10.9	11.4	11.0	9.53	7.47	5.36	3.43	1.94	0.88	0.41	0.17	86.1	86.1
15	0.24	0.65	1.62	3.15	5.47	8.52	12.1	15.2	16.4	15.8	14.0	10.9	7.70	4.77	2.58	1.19	0.51	0.21	121	121
10	0.27	0.79	1.94	3.80	6.67	10.4	14.8	18.6	20.3	19.6	17.8	14.2	9.53	5.75	3.07	1.43	0.57	0.24	150	150
5	0.28	0.87	2.11	4.18	7.37	11.7	16.7	20.5	22.7	22.0	19.7	15.4	10.2	6.18	3.28	1.53	0.60	0.25	166	166
0	0.27	0.83	2.04	4.05	7.14	11.4	16.2	19.8	21.8	22.2	19.5	15.2	10.1	6.11	3.23	1.50	0.59	0.24	163	163
-5	0.23	0.69	1.73	3.44	6.03	9.56	13.8	17.5	19.5	19.2	17.2	13.7	9.27	5.55	2.93	1.36	0.53	0.21	143	143
-10	0.18	0.51	1.30	2.63	4.59	7.35	10.8	14.0	15.9	15.6	13.4	10.5	7.40	4.48	2.39	1.08	0.45	0.17	113	113
-15	0.13	0.34	0.85	1.81	3.29	5.31	7.67	9.83	11.1	10.9	9.37	7.36	5.17	3.19	1.74	0.77	0.31	0.13	79.4	79.4
-20	0.10	0.21	0.51	1.13	2.16	3.48	4.95	6.21	6.98	6.89	5.97	4.62	3.26	2.04	1.07	0.49	0.19	0.10	50.4	50.4
-25	0.08	0.13	0.30	0.63	1.21	2.02	2.85	3.54	3.93	3.87	3.37	2.63	1.84	1.10	0.60	0.28	0.12	0.07	28.5	28.5
-30	0.07	0.10	0.18	0.35	0.61	0.97	1.41	1.79	1.98	1.95	1.70	1.27	0.85	0.57	0.32	0.16	0.09	0.06	14.4	14.4
-35	0.06	0.08	0.12	0.19	0.31	0.47	0.59	0.71	0.80	0.78	0.68	0.57	0.43	0.28	0.17	0.11	0.08	0.06	6.48	6.48
-40	0.05	0.07	0.10	0.12	0.17	0.21	0.25	0.27	0.28	0.27	0.26	0.23	0.19	0.16	0.12	0.10	0.07	0.05	2.97	2.97
-45																				
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φ t	2.69	6.72	15.7	31.2	54.7	86.6	123	153	168	164	145	114	77.9	47.7	25.8	12.2	5.28	2.42	1271	
Φ a	2.69	6.72	15.7	31.2	54.7	86.6	123	153	168	164	145	114	77.9	47.7	25.8	12.2	5.28	2.42		1271

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

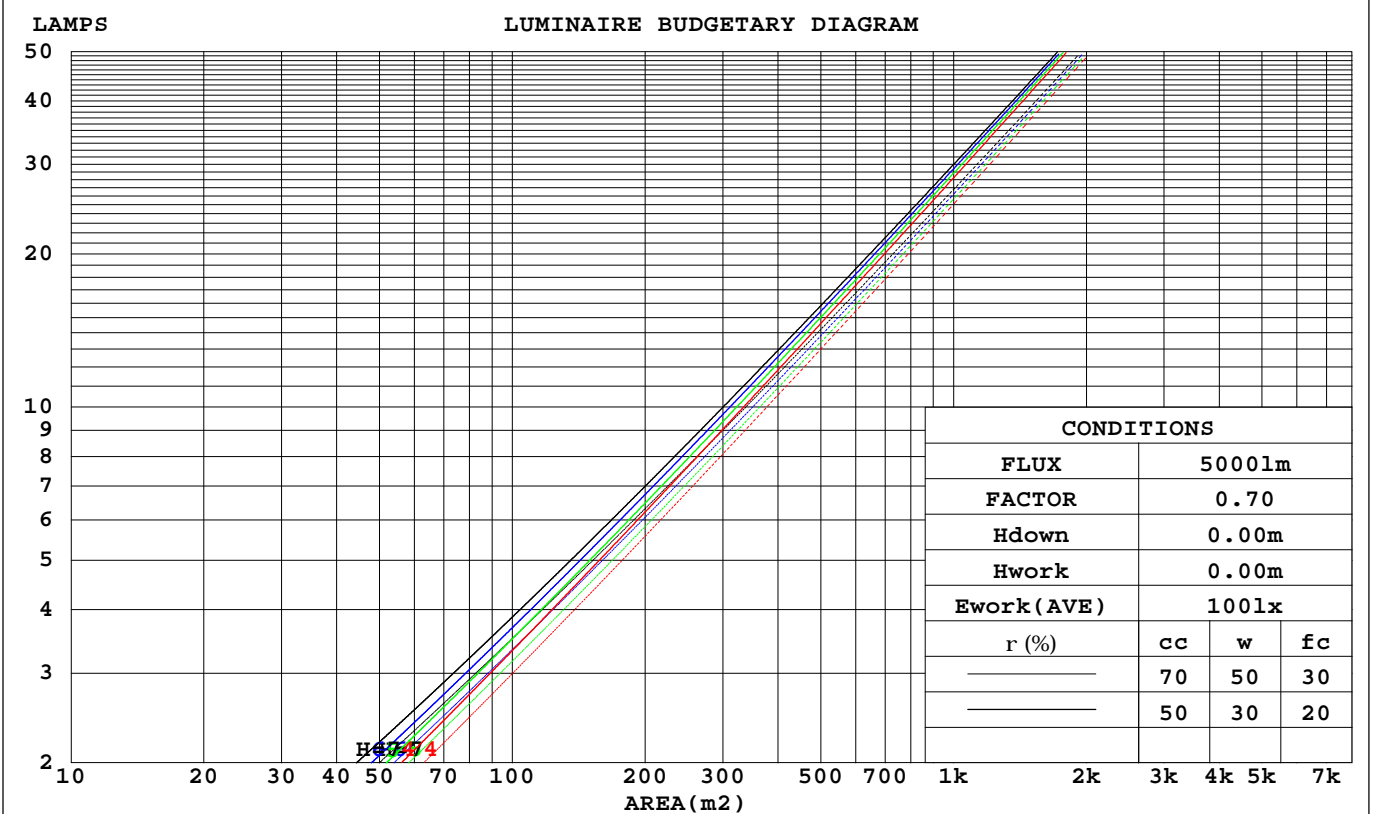
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000		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	1.11	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	.99	.99	.98	.97	.96	.94
2.0	1.05	1.01	.98	1.03	1.00	.97	.99	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.99	.95	.92	.98	.94	.91	.95	.92	.89	.93	.90	.88	.90	.88	.86	.85
4.0	.94	.89	.86	.93	.89	.85	.91	.87	.84	.89	.86	.83	.87	.84	.82	.81
5.0	.90	.85	.81	.89	.84	.81	.87	.83	.80	.85	.82	.79	.83	.81	.78	.77
6.0	.85	.80	.77	.85	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.75	.73
7.0	.82	.76	.73	.81	.76	.73	.80	.75	.72	.78	.75	.72	.77	.74	.71	.70
8.0	.78	.73	.70	.77	.73	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.67
9.0	.75	.70	.66	.74	.70	.66	.73	.69	.66	.72	.69	.66	.72	.68	.66	.64
10.0	.72	.67	.64	.71	.67	.64	.71	.66	.63	.70	.66	.63	.69	.66	.63	.62



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

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-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	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	.160	.091	.029	.153	.087	.028	.139	.080	.026	.127	.073	.024	.116	.067	.022	
2.0	.150	.082	.025	.144	.079	.024	.133	.074	.023	.123	.069	.022	.113	.064	.020	
3.0	.141	.075	.022	.136	.073	.022	.127	.069	.021	.118	.065	.020	.110	.061	.019	
4.0	.133	.069	.020	.129	.067	.020	.121	.064	.019	.113	.061	.018	.106	.058	.018	
5.0	.126	.064	.019	.122	.063	.018	.115	.060	.018	.109	.058	.017	.103	.055	.017	
6.0	.120	.060	.017	.117	.059	.017	.111	.057	.016	.105	.055	.016	.100	.052	.016	
7.0	.114	.056	.016	.111	.056	.016	.106	.054	.015	.101	.052	.015	.096	.050	.015	
8.0	.109	.053	.015	.107	.053	.015	.102	.051	.015	.097	.049	.014	.093	.048	.014	
9.0	.105	.051	.014	.102	.050	.014	.098	.049	.014	.094	.047	.013	.090	.046	.013	
10.0	.100	.048	.013	.098	.048	.013	.095	.046	.013	.091	.045	.013	.087	.044	.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	.155	.153	.142	.133	.104	.098	.092	.060	.057	.054	.019	.018	.017	
2.0	.162	.141	.124	.138	.121	.107	.095	.084	.075	.055	.049	.044	.018	.016	.014	
3.0	.148	.122	.101	.127	.105	.088	.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	.044	.044	.034	.026	.014	.011	.009	
6.0	.119	.085	.061	.102	.074	.053	.071	.052	.038	.041	.030	.022	.013	.010	.007	
7.0	.112	.077	.053	.096	.067	.046	.067	.047	.033	.039	.028	.020	.012	.009	.006	
8.0	.106	.071	.047	.091	.062	.041	.063	.043	.029	.037	.026	.017	.012	.008	.006	
9.0	.101	.066	.042	.087	.057	.037	.060	.040	.026	.035	.024	.015	.011	.008	.005	
10.0	.096	.061	.038	.083	.053	.033	.057	.037	.023	.033	.022	.014	.011	.007	.005	

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

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-R15W-5CCT-4RR-SM-BK					TYPE:			WEIGHT:		
SPECIFICATION:		CCT(K): 3000			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	12.7	13.5	13.0	13.7	13.9	13.0	13.8	13.2	13.9	14.1
3H	12.7	13.4	12.9	13.6	13.8	12.9	13.6	13.1	13.8	14.0
4H	12.7	13.4	13.0	13.6	13.9	12.8	13.5	13.1	13.7	14.0
6H	12.8	13.4	13.1	13.7	14.0	12.8	13.4	13.1	13.7	13.9
8H	12.9	13.5	13.2	13.8	14.1	12.7	13.4	13.0	13.6	13.9
12H	13.1	13.7	13.4	14.0	14.3	12.7	13.3	13.0	13.6	13.9
4H 2H	12.6	13.3	12.9	13.5	13.7	12.8	13.5	13.1	13.7	14.0
3H	12.5	13.1	12.8	13.4	13.7	12.8	13.4	13.1	13.6	13.9
4H	12.5	13.1	12.9	13.4	13.7	12.7	13.3	13.1	13.6	13.9
6H	12.7	13.2	13.1	13.5	13.9	12.8	13.2	13.1	13.6	14.0
8H	12.8	13.3	13.2	13.7	14.0	12.8	13.2	13.2	13.6	14.0
12H	13.2	13.6	13.6	14.0	14.4	12.8	13.2	13.2	13.6	14.0
8H 4H	12.4	12.9	12.8	13.3	13.6	12.7	13.1	13.1	13.5	13.9
6H	12.6	13.0	13.0	13.4	13.8	12.8	13.2	13.3	13.6	14.0
8H	12.8	13.1	13.3	13.6	14.0	13.0	13.3	13.4	13.7	14.2
12H	13.2	13.5	13.7	14.0	14.4	13.1	13.4	13.6	13.9	14.4
12H 4H	12.4	12.8	12.8	13.2	13.6	12.6	13.0	13.0	13.4	13.8
6H	12.6	12.9	13.1	13.4	13.8	12.8	13.1	13.3	13.6	14.0
8H	12.8	13.1	13.3	13.5	14.0	13.0	13.3	13.5	13.8	14.3
Variations with the observer position at spacings:										
S = 1.0H	+ 2.6 / - 2.8					+ 2.5 / - 3.1				
1.5H	+ 4.5 / - 2.8					+ 4.5 / - 3.0				
2.0H	+ 2.6 / - 1.8					+ 1.2 / - 1.9				

CIE Pub.117 Corrected 1271 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.8)

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

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-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	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	87	82	79	75
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	95	91	99	94	91	97	94	90	86
1.25	104	99	95	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	101	99	94
2.50	110	107	104	109	105	103	105	103	101	95
3.00	112	108	106	110	107	105	106	104	102	96
4.00	114	111	109	112	109	107	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			

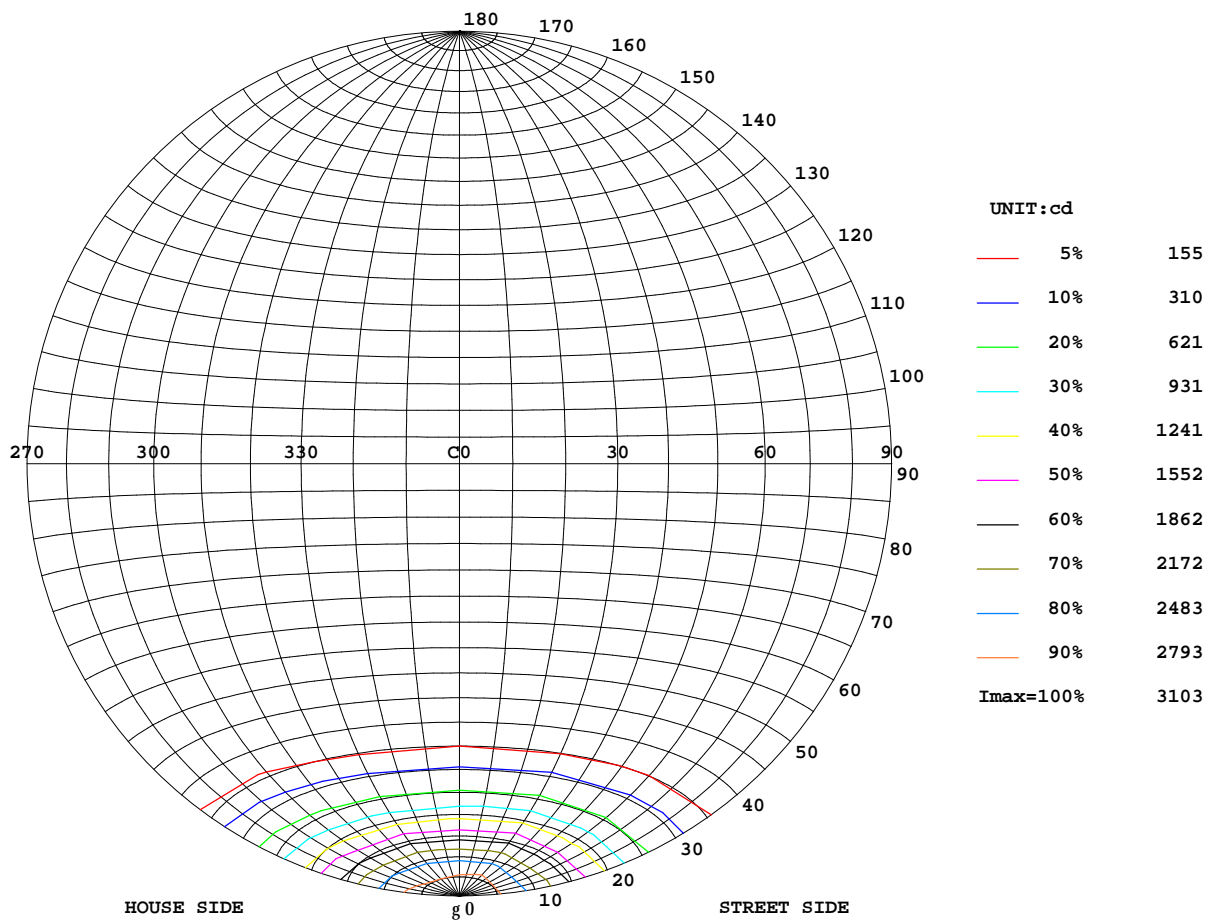
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/02

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-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



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

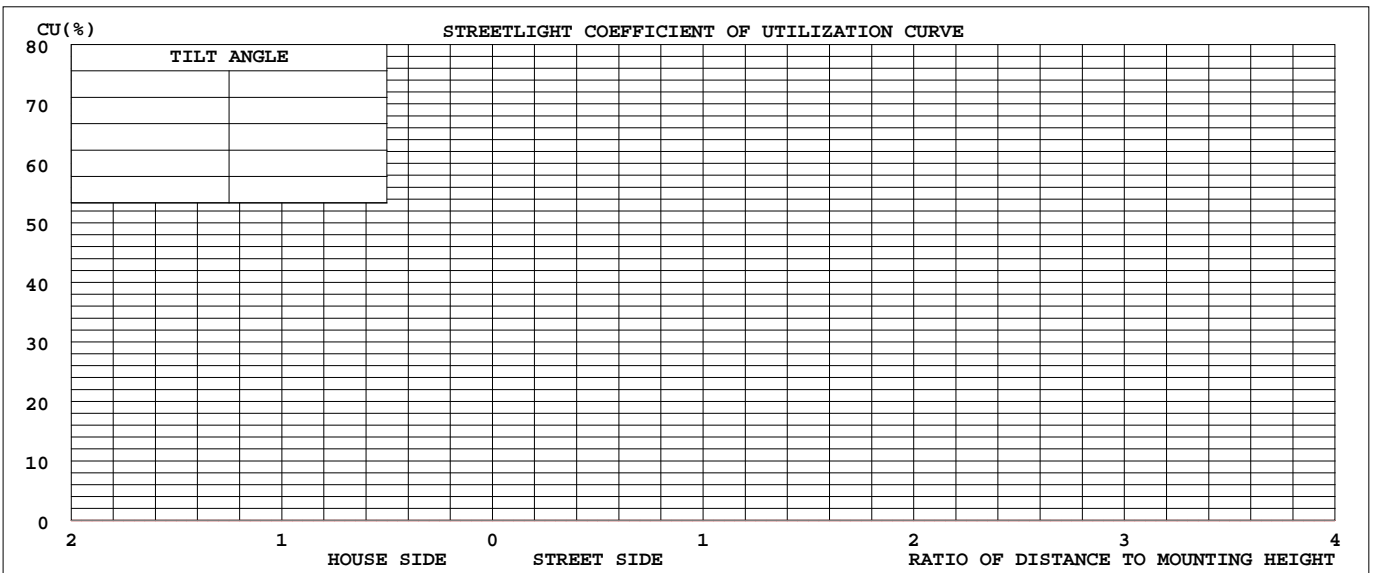
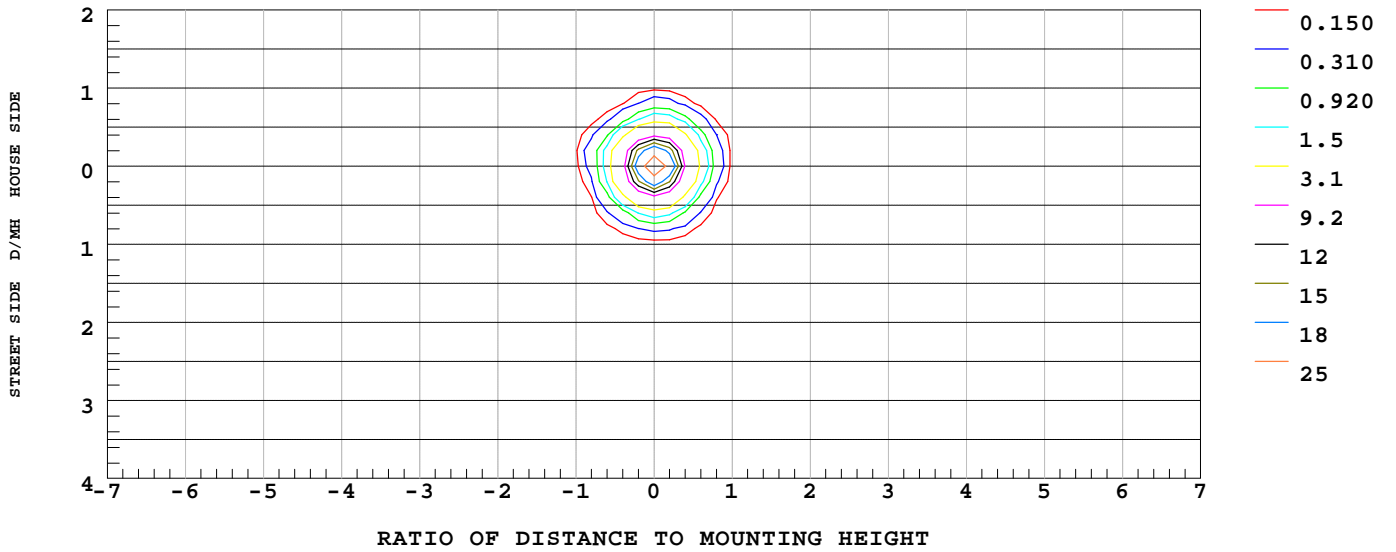
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 30.81 lx



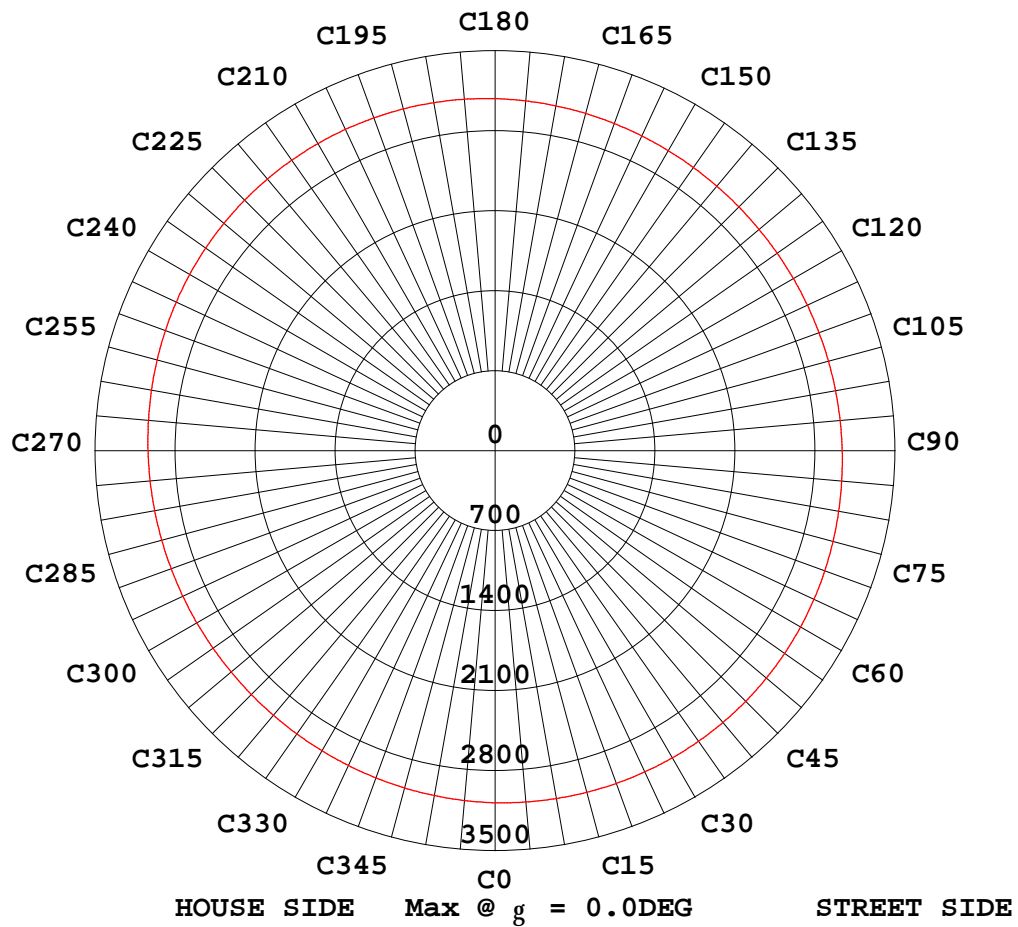
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/02

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-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



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

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-R15W-5CCT-4RR-SM-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)												
	0	30	60	90	120	150	180	210	240	270	300	330	
0.0	3081	3103	3087	3037	3015	3032	3081	3103	3087	3037	3015	3032	
5.0	2835	2886	2813	2837	2792	2777	2919	2967	2963	2823	2796	2881	
10.0	2379	2403	2328	2391	2417	2402	2584	2540	2559	2454	2412	2473	
15.0	1738	1806	1717	1821	1818	1782	1996	1945	2002	1800	1781	1887	
20.0	1125	1175	1126	1199	1194	1154	1339	1301	1343	1185	1136	1241	
25.0	655	683	662	703	707	681	826	818	826	707	661	726	
30.0	336	355	348	369	383	361	457	464	457	377	340	390	
35.0	154	150	158	196	176	156	224	240	226	178	135	185	
40.0	68.5	56.0	68.8	58.4	75.7	58.4	81.3	104	82.0	77.4	47.2	81.4	
45.0	28.1	19.5	28.6	20.4	31.3	22.0	27.5	38.4	26.3	28.8	17.5	32.5	
50.0	17.2	11.9	18.7	12.1	18.9	12.8	15.1	21.7	13.8	16.3	10.4	17.4	
55.0	13.1	9.12	15.2	9.22	14.8	9.12	11.0	16.9	10.5	9.39	7.03	13.5	
60.0	8.21	4.35	9.57	4.69	9.57	4.03	5.18	10.2	5.29	6.78	3.27	8.91	
65.0	5.70	2.19	6.78	2.26	6.71	2.22	3.23	7.27	3.27	4.52	2.05	6.57	
70.0	4.03	0.70	4.03	0.66	4.07	0.66	1.00	4.38	0.84	4.03	0.80	4.24	
75.0	3.65	0.70	3.62	0.70	3.58	0.66	1.04	3.89	0.84	3.68	0.84	3.79	
80.0	3.30	0.70	3.30	0.66	3.27	0.66	1.07	3.58	0.87	3.41	0.87	3.48	
85.0	3.06	0.73	3.02	0.70	2.99	0.70	1.07	3.30	0.91	3.16	0.87	3.20	
90.0	2.85	0.73	2.78	0.70	2.78	0.70	1.11	3.09	0.91	2.99	0.91	3.02	
95.0	2.68	0.77	2.61	0.73	2.61	0.73	1.14	2.88	0.94	2.81	0.91	2.81	
100.0	2.50	0.77	2.47	0.73	2.47	0.73	1.14	2.74	0.94	2.64	0.91	2.64	
105.0	2.36	0.80	2.33	0.77	2.33	0.77	1.18	2.57	0.94	2.47	0.91	2.47	
110.0	2.26	0.84	2.22	0.80	2.19	0.80	1.18	2.40	0.94	2.36	0.91	2.36	
115.0	2.15	0.91	2.12	0.84	2.08	0.84	1.18	2.29	0.94	2.19	0.94	2.22	
120.0	2.08	0.94	2.05	0.91	2.01	0.91	1.21	2.15	0.97	2.08	0.94	2.08	
125.0	2.05	1.04	2.01	0.97	1.98	0.97	1.25	2.08	1.00	2.01	0.97	2.01	
130.0	2.12	1.21	2.05	1.11	1.98	1.11	1.35	2.08	1.11	2.01	1.07	2.01	
135.0	2.29	1.49	2.22	1.35	2.08	1.35	1.56	2.15	1.32	2.08	1.32	2.12	
140.0	2.61	1.94	2.54	1.74	2.33	1.74	1.91	2.36	1.63	2.33	1.67	2.33	
145.0	3.09	2.57	3.06	2.29	2.74	2.29	2.47	2.78	2.12	2.71	2.19	2.74	
150.0	3.79	3.30	3.68	3.02	3.34	3.02	3.16	3.34	2.78	3.30	2.88	3.30	
155.0	4.59	4.17	4.45	3.86	4.07	3.86	4.03	4.10	3.58	4.03	3.72	4.07	
160.0	5.43	5.04	5.29	4.73	4.83	4.73	4.97	4.90	4.49	4.87	4.59	4.87	
165.0	6.23	5.84	6.05	5.49	5.56	5.53	5.88	5.74	5.32	5.70	5.43	5.63	
170.0	6.89	6.47	6.64	6.16	6.23	6.16	6.71	6.47	6.05	6.47	6.09	6.33	
175.0	7.37	6.89	7.03	6.64	6.71	6.82	7.31	7.06	6.64	6.99	6.54	6.82	
180.0	7.62	7.27	6.89	7.13	6.64	7.03	7.62	7.27	6.89	7.13	6.64	7.03	

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