

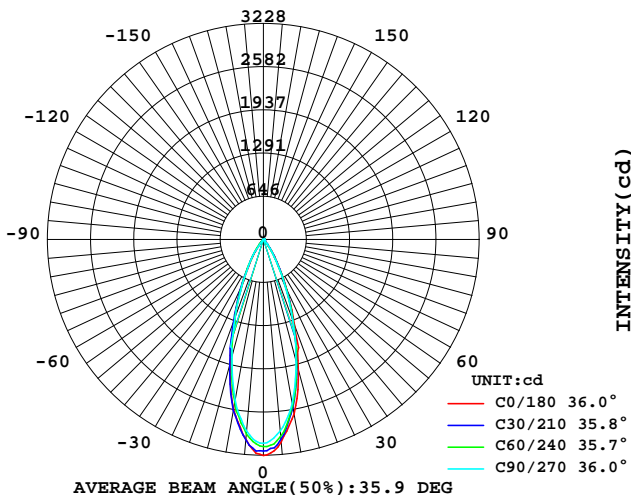
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

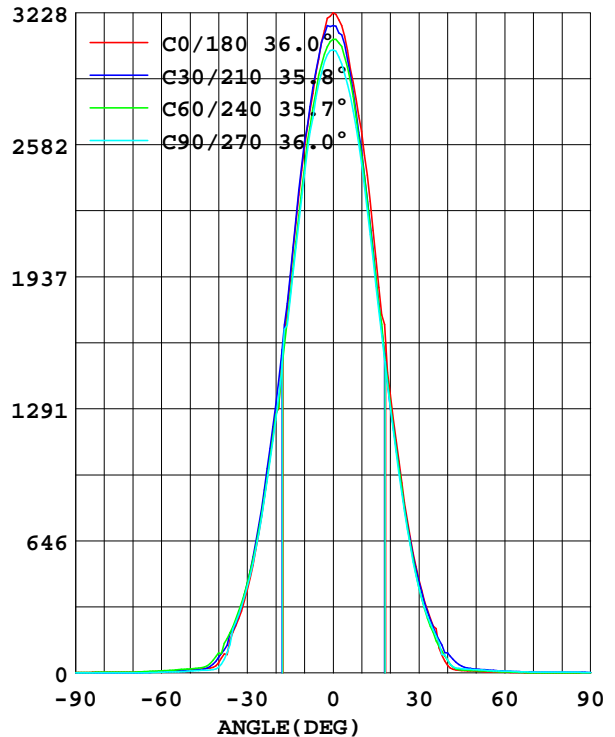
MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	3228	S/MH(C0/180)	0.57
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.57
NOMINAL POWER(W)	15	TOTAL FLUX(lm)	1346.0	Voltage(V)	120.3
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	90.1	Current(A)	0.126
NOMINAL FLUX(lm)	1346.0	h up(%)	1.0	Power(W)	14.94
LAMPS QUANTITY	1	h down(%)	99.0	Power Factor(PF)	0.985
TEST VOLTAGE(V)	120.3	Effective Flux(lm)	1346.0	EET	0.151

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



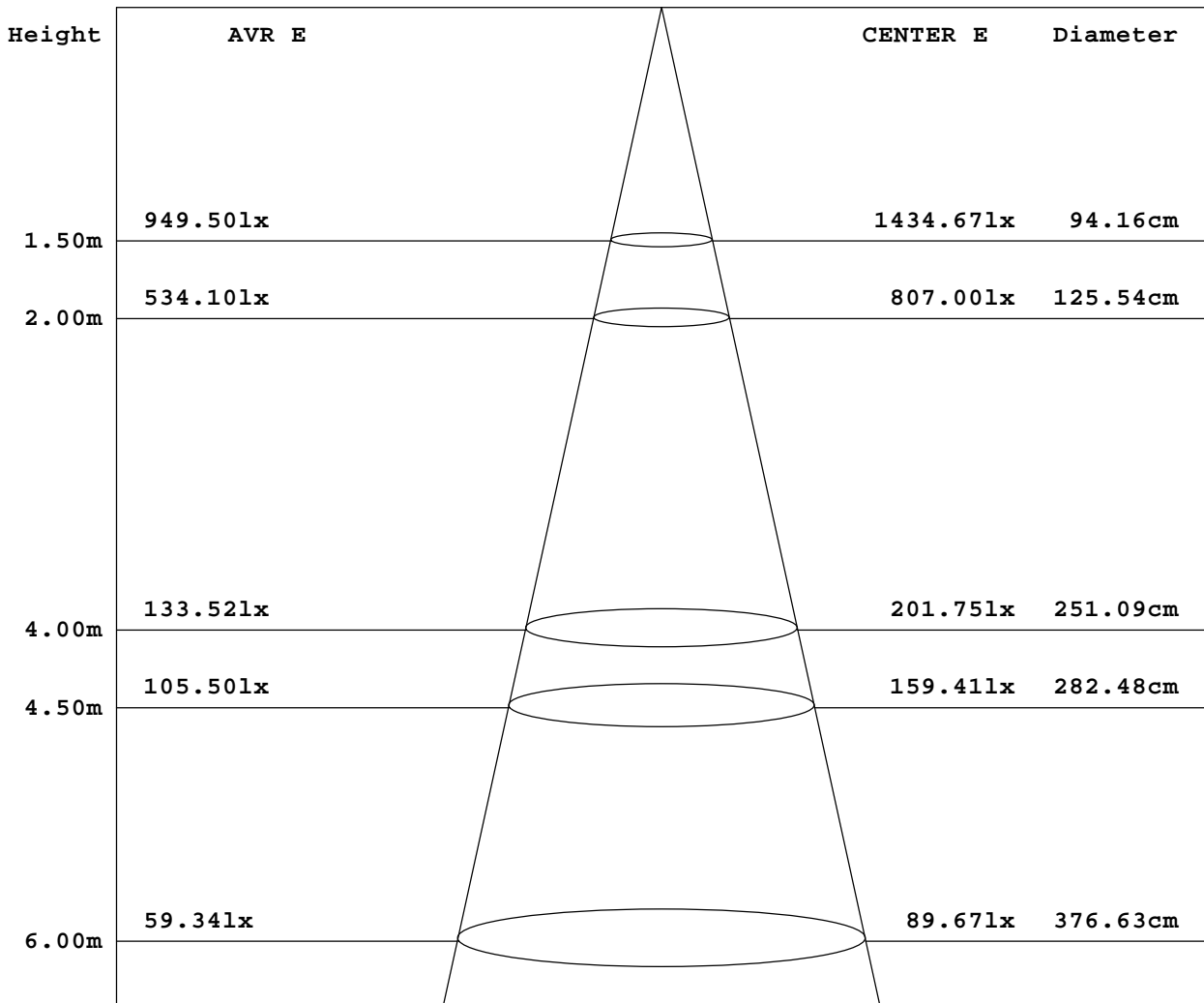
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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): 4000	DIMENSION:	SERIAL No.:



Angle: 34.9deg

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): 4000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tTotal
5.0	3000	2966	2880	2909	3044	2981	2879	2944	0- 5	72.75	72.75
10.0	2574	2537	2442	2476	2649	2544	2492	2550	5- 10	195.2	267.9
15.0	1918	1894	1825	1853	2024	1930	1891	1952	10- 15	262.3	530.2
20.0	1270	1285	1237	1251	1359	1303	1296	1306	15- 20	260.5	790.8
25.0	768.5	790.6	762.7	772.7	832.0	806.7	791.5	798.5	20- 25	214.5	1005
30.0	405.9	439.3	422.7	440.5	458.2	433.9	416.3	436.8	25- 30	150.7	1156
35.0	199.7	216.7	215.7	230.8	228.6	210.7	211.0	215.2	30- 35	92.15	1248
40.0	48.76	86.43	27.84	83.90	36.02	79.76	62.62	87.33	35- 40	44.00	1292
45.0	20.43	24.26	13.54	22.34	11.97	23.65	20.50	26.09	40- 45	14.62	1307
50.0	15.76	16.43	9.816	14.75	8.772	15.21	16.29	14.68	45- 50	6.972	1314
55.0	10.96	11.92	5.743	9.311	4.768	10.91	11.55	10.84	50- 55	5.263	1319
60.0	8.319	7.466	4.177	5.882	3.724	6.979	8.911	6.927	55- 60	3.739	1323
65.0	5.325	4.873	1.183	3.846	1.879	4.821	6.056	4.594	60- 65	2.652	1326
70.0	4.386	2.575	1.044	2.523	1.462	2.802	4.560	2.784	65- 70	1.661	1327
75.0	3.829	2.280	0.835	2.210	1.287	2.488	3.968	2.436	70- 75	1.336	1329
80.0	3.411	2.036	0.731	2.018	1.183	2.262	3.515	2.227	75- 80	1.214	1330
85.0	3.098	1.897	0.696	1.862	1.183	2.123	3.202	2.088	80- 85	1.130	1331
90.0	2.854	1.775	0.696	1.740	1.148	2.001	2.993	1.966	85- 90	1.062	1332
95.0	2.680	1.688	0.731	1.653	1.183	1.897	2.819	1.879	90- 95	1.012	1333
100.0	2.506	1.618	0.766	1.601	1.183	1.810	2.645	1.792	95-100	0.961	1334
105.0	2.401	1.566	0.766	1.549	1.183	1.740	2.506	1.705	100-105	0.908	1335
110.0	2.262	1.531	0.801	1.496	1.218	1.670	2.367	1.636	105-110	0.856	1336
115.0	2.158	1.496	0.835	1.479	1.218	1.601	2.227	1.566	110-115	0.802	1336
120.0	2.088	1.496	0.870	1.462	1.218	1.566	2.088	1.514	115-120	0.749	1337
125.0	2.053	1.496	0.975	1.496	1.287	1.549	2.018	1.514	120-125	0.705	1338
130.0	2.088	1.618	1.148	1.583	1.427	1.618	2.018	1.583	125-130	0.684	1339
135.0	2.262	1.827	1.427	1.810	1.636	1.792	2.123	1.757	130-135	0.691	1339
140.0	2.575	2.210	1.844	2.140	2.053	2.088	2.367	2.088	135-140	0.731	1340
145.0	3.132	2.749	2.436	2.680	2.645	2.593	2.819	2.575	140-145	0.801	1341
150.0	3.829	3.463	3.167	3.376	3.446	3.237	3.376	3.237	145-150	0.886	1342
155.0	4.629	4.299	4.037	4.194	4.351	4.072	4.142	4.020	150-155	0.953	1343
160.0	5.534	5.169	4.908	5.064	5.325	4.960	4.977	4.925	155-160	0.969	1344
165.0	6.405	5.987	5.708	5.865	6.300	5.813	5.848	5.761	160-165	0.905	1345
170.0	7.101	6.648	6.405	6.526	7.136	6.544	6.579	6.457	165-170	0.744	1345
175.0	7.658	7.083	6.927	6.944	7.727	7.049	7.136	6.944	170-175	0.492	1346
180.0	7.971	7.170	7.344	7.153	7.971	7.240	7.344	7.153	175-180	0.173	1346
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:

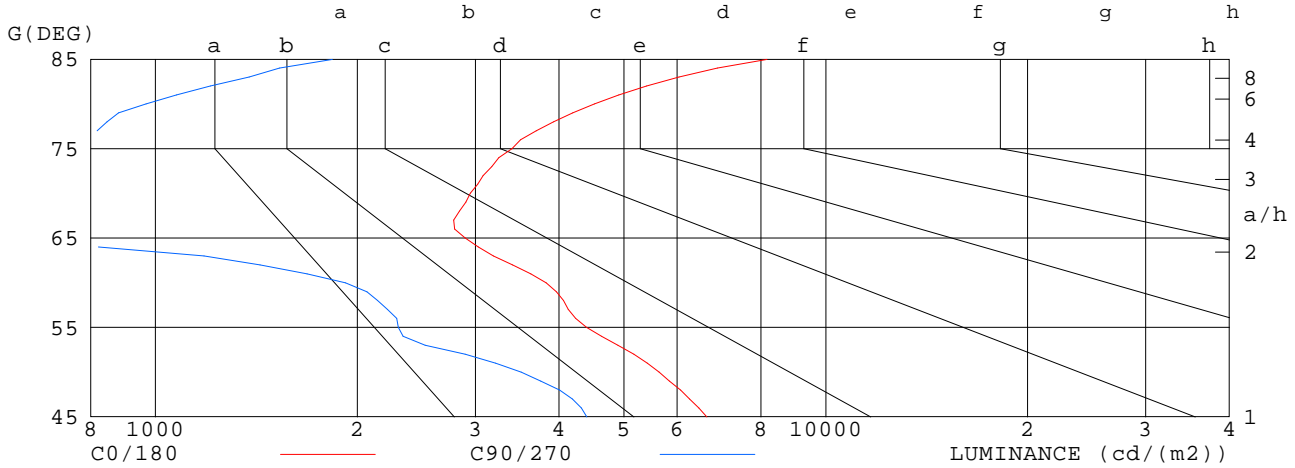
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	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	8172	1836
80	4516	968
75	3401	742
70	2948	702
65	2897	644
60	3825	1921
55	4395	2302
50	5640	3511
45	6643	4402

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

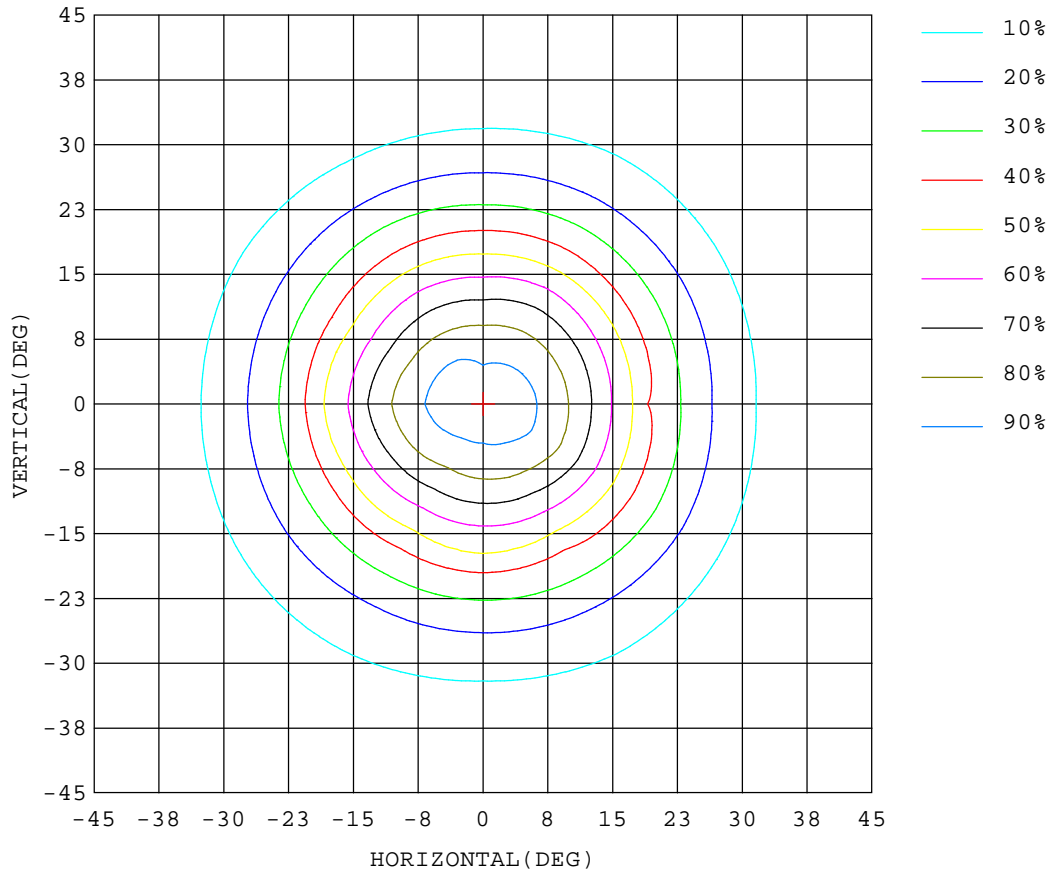
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

UNIT: cd



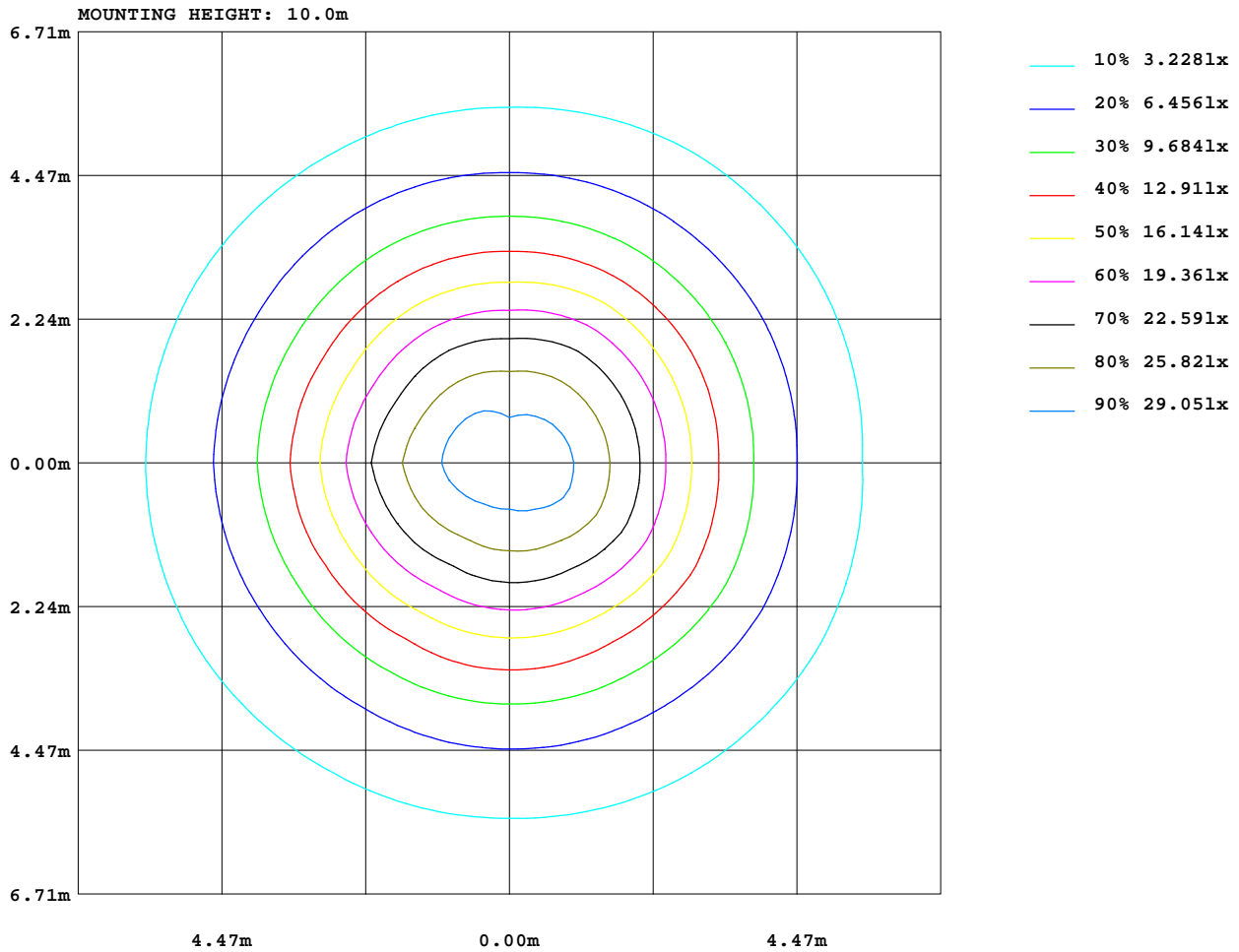
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2024/02/01

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): 4000	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): 4000	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	0.06	0.07	0.09	0.09	0.10	0.11	0.15	0.20	0.24	0.26	0.25	0.23	0.18	0.12	0.10	0.08	0.07	0.06	2.46	2.46
40	0.08	0.10	0.11	0.14	0.21	0.36	0.59	0.81	0.95	0.97	0.86	0.67	0.49	0.32	0.18	0.11	0.09	0.07	7.11	7.11
35	0.10	0.13	0.20	0.37	0.68	1.09	1.58	2.01	2.25	2.27	2.09	1.72	1.22	0.76	0.42	0.20	0.12	0.09	17.3	17.3
30	0.11	0.20	0.42	0.83	1.46	2.25	3.15	3.96	4.42	4.43	4.02	3.28	2.38	1.54	0.86	0.41	0.17	0.10	34.0	34.0
25	0.12	0.32	0.75	1.49	2.56	3.99	5.61	6.99	7.74	7.74	6.97	5.61	4.03	2.57	1.48	0.74	0.28	0.12	59.1	59.1
20	0.14	0.42	1.13	2.27	3.93	6.17	8.64	10.7	11.9	11.9	10.8	8.61	6.12	3.88	2.18	1.08	0.41	0.14	90.7	90.7
15	0.16	0.52	1.56	3.07	5.38	8.44	11.8	14.9	16.5	16.6	15.1	11.9	8.36	5.27	2.91	1.43	0.53	0.16	125	125
10	0.15	0.66	1.90	3.76	6.68	10.5	14.7	18.5	20.4	20.4	18.6	14.8	10.2	6.41	3.52	1.71	0.62	0.18	154	154
5	0.13	0.75	2.11	4.19	7.48	11.9	16.9	20.8	23.0	22.8	20.6	16.5	11.2	7.03	3.85	1.86	0.66	0.17	172	172
0	0.11	0.74	2.11	4.18	7.44	11.9	16.8	20.7	22.7	22.9	20.8	16.5	11.2	7.05	3.85	1.86	0.66	0.17	172	172
-5	0.12	0.65	1.92	3.76	6.56	10.3	14.5	18.0	19.9	20.1	18.4	14.7	10.3	6.45	3.54	1.71	0.60	0.16	152	152
-10	0.11	0.48	1.58	3.09	5.28	8.13	11.3	14.0	15.8	16.0	14.4	11.5	8.37	5.32	2.93	1.41	0.48	0.14	121	121
-15	0.09	0.33	1.12	2.32	3.91	5.90	8.11	10.0	11.4	11.5	10.2	8.31	6.05	3.90	2.17	1.03	0.35	0.11	87.0	87.0
-20	0.08	0.20	0.69	1.56	2.65	3.92	5.30	6.59	7.39	7.44	6.71	5.44	3.99	2.58	1.46	0.65	0.21	0.09	57.0	57.0
-25	0.07	0.12	0.34	0.88	1.64	2.43	3.21	3.90	4.33	4.35	3.96	3.27	2.42	1.57	0.84	0.35	0.12	0.08	33.9	33.9
-30	0.06	0.09	0.16	0.38	0.81	1.34	1.78	2.14	2.33	2.33	2.14	1.76	1.32	0.81	0.41	0.17	0.10	0.07	18.2	18.2
-35	0.04	0.07	0.11	0.16	0.30	0.50	0.65	0.74	0.75	0.75	0.74	0.67	0.54	0.35	0.18	0.12	0.08	0.06	6.82	6.82
-40	0.03	0.06	0.09	0.12	0.15	0.18	0.20	0.20	0.16	0.17	0.21	0.22	0.20	0.17	0.13	0.10	0.07	0.05	2.49	2.49
-45																				
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φ t	1.75	5.89	16.4	32.7	57.2	89.6	125	156	173	173	157	126	88.8	56.1	31.0	15.0	5.61	2.01	1346	
Φ a	1.75	5.89	16.4	32.7	57.2	89.6	125	156	173	173	157	126	88.8	56.1	31.0	15.0	5.61	2.01		1346

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

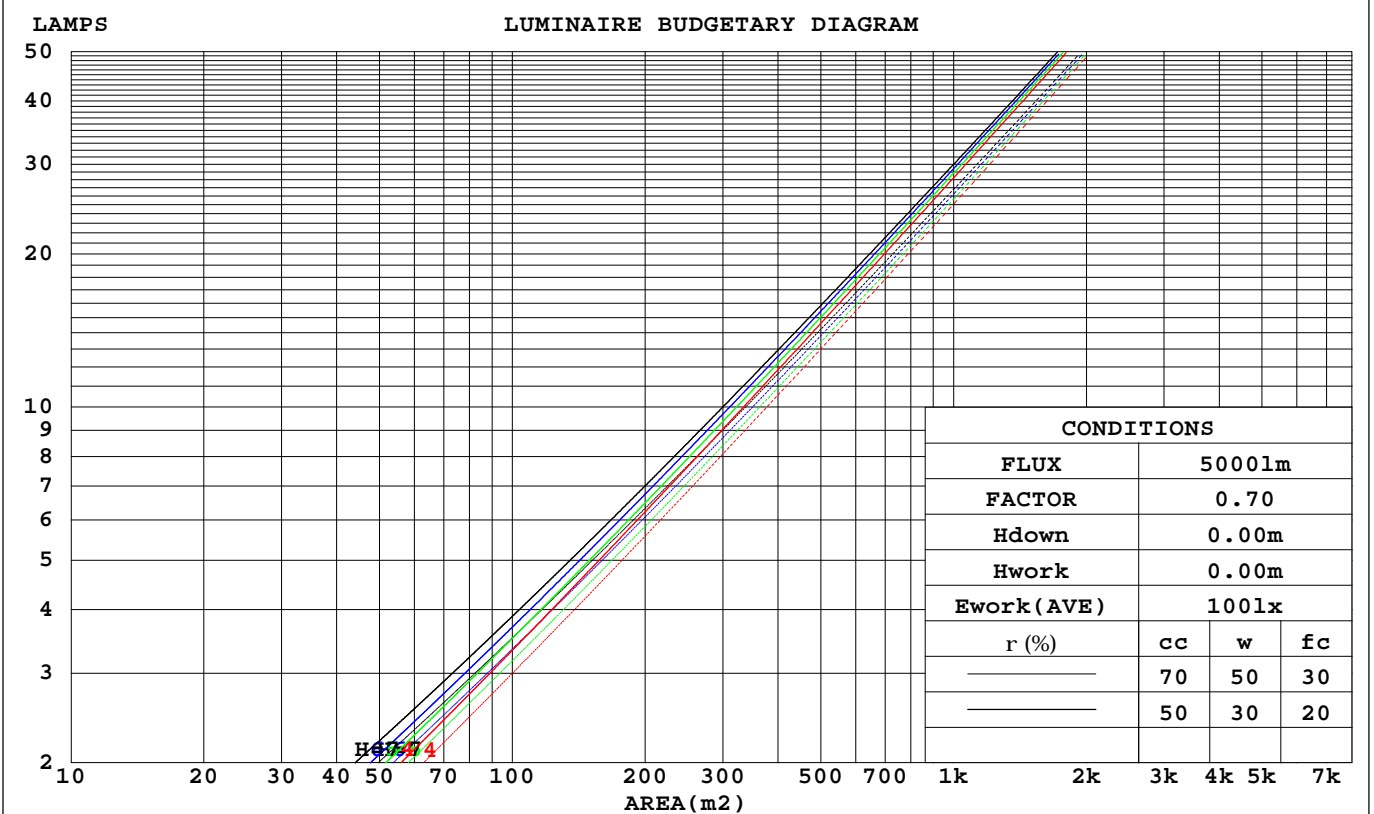
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	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
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	.00	.99	.98	.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	.91	.95	.92	.89	.93	.90	.88	.90	.88	.86	.85
4.0	.94	.89	.86	.93	.88	.85	.91	.87	.84	.89	.86	.83	.87	.84	.82	.81
5.0	.89	.84	.81	.88	.84	.80	.87	.83	.80	.85	.81	.79	.83	.80	.78	.77
6.0	.85	.80	.76	.84	.80	.76	.83	.79	.76	.81	.78	.75	.80	.77	.74	.73
7.0	.81	.76	.73	.81	.76	.72	.79	.75	.72	.78	.74	.72	.77	.74	.71	.70
8.0	.78	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.74	.71	.68	.67
9.0	.75	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.65	.71	.68	.65	.64
10.0	.71	.67	.63	.71	.66	.63	.70	.66	.63	.69	.66	.63	.69	.65	.63	.62



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): 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	.160	.091	.029	.153	.087	.028	.140	.080	.026	.128	.074	.024	.117	.068	.022	
2.0	.150	.082	.025	.144	.079	.024	.133	.074	.023	.123	.069	.022	.114	.064	.020	
3.0	.141	.075	.023	.136	.073	.022	.127	.069	.021	.118	.065	.020	.110	.061	.019	
4.0	.133	.069	.020	.129	.068	.020	.121	.064	.019	.114	.061	.018	.107	.058	.018	
5.0	.127	.065	.019	.123	.063	.018	.116	.060	.018	.110	.058	.017	.104	.055	.017	
6.0	.120	.060	.017	.117	.059	.017	.111	.057	.017	.105	.055	.016	.100	.053	.016	
7.0	.115	.057	.016	.112	.056	.016	.107	.054	.016	.102	.052	.015	.097	.050	.015	
8.0	.110	.054	.015	.107	.053	.015	.103	.051	.015	.098	.050	.014	.094	.048	.014	
9.0	.105	.051	.014	.103	.050	.014	.099	.049	.014	.095	.047	.014	.091	.046	.013	
10.0	.101	.048	.013	.099	.048	.013	.095	.047	.013	.092	.045	.013	.088	.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	.198	.198	.198	.170	.170	.170	.116	.116	.116	.066	.066	.066	.021	.021	.021	
1.0	.178	.165	.154	.152	.142	.133	.104	.098	.092	.060	.057	.053	.019	.018	.017	
2.0	.161	.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	.136	.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	.009	
6.0	.119	.085	.061	.102	.074	.053	.070	.052	.037	.041	.030	.022	.013	.010	.007	
7.0	.112	.077	.053	.096	.067	.046	.067	.047	.033	.039	.028	.019	.012	.009	.006	
8.0	.106	.071	.047	.091	.061	.041	.063	.043	.029	.037	.025	.017	.012	.008	.006	
9.0	.101	.065	.042	.087	.057	.036	.060	.040	.026	.035	.024	.015	.011	.008	.005	
10.0	.096	.061	.037	.083	.053	.033	.057	.037	.023	.033	.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): 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	14.6	15.4	14.9	15.6	15.8	15.3	16.1	15.5	16.3	16.5
3H	14.5	15.3	14.8	15.5	15.7	15.2	15.9	15.5	16.1	16.3
4H	14.5	15.2	14.8	15.5	15.7	15.1	15.8	15.4	16.1	16.3
6H	14.6	15.2	14.9	15.5	15.8	15.1	15.7	15.4	16.0	16.2
8H	14.7	15.3	15.0	15.6	15.8	15.0	15.7	15.3	15.9	16.2
12H	14.8	15.4	15.1	15.7	16.0	15.0	15.6	15.3	15.9	16.2
4H 2H	14.4	15.1	14.7	15.4	15.6	15.1	15.8	15.4	16.1	16.3
3H	14.4	15.0	14.7	15.2	15.5	15.0	15.6	15.4	15.9	16.2
4H	14.3	14.9	14.7	15.2	15.5	15.0	15.6	15.4	15.9	16.2
6H	14.4	14.9	14.8	15.3	15.6	15.0	15.5	15.4	15.8	16.2
8H	14.6	15.0	15.0	15.4	15.8	15.0	15.4	15.4	15.8	16.2
12H	14.8	15.2	15.2	15.6	16.0	15.0	15.4	15.4	15.8	16.2
8H 4H	14.2	14.7	14.6	15.1	15.4	14.9	15.3	15.3	15.7	16.1
6H	14.3	14.7	14.8	15.1	15.6	15.0	15.3	15.4	15.8	16.2
8H	14.5	14.8	14.9	15.2	15.7	15.1	15.4	15.5	15.8	16.3
12H	14.8	15.1	15.3	15.5	16.0	15.2	15.4	15.6	15.9	16.4
12H 4H	14.2	14.6	14.6	15.0	15.4	14.8	15.3	15.3	15.6	16.1
6H	14.3	14.7	14.8	15.1	15.6	14.9	15.3	15.4	15.7	16.2
8H	14.5	14.8	15.0	15.2	15.7	15.1	15.4	15.6	15.8	16.3
Variations with the observer position at spacings:										
S = 1.0H	+ 2.4 / - 3.1					+ 2.3 / - 2.9				
1.5H	+ 4.4 / - 3.0					+ 4.2 / - 3.1				
2.0H	+ 1.4 / - 1.5					+ 1.1 / - 1.8				

CIE Pub.117 Corrected 1346 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.0)

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): 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	89	83	80	89	83	79	88	83	79	76
0.80	96	91	87	95	90	87	94	90	87	83
1.00	100	95	91	99	94	91	98	94	91	87
1.25	104	99	96	103	98	95	101	97	94	90
1.50	106	102	99	105	101	98	103	100	97	93
2.00	109	105	102	107	104	101	105	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	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			

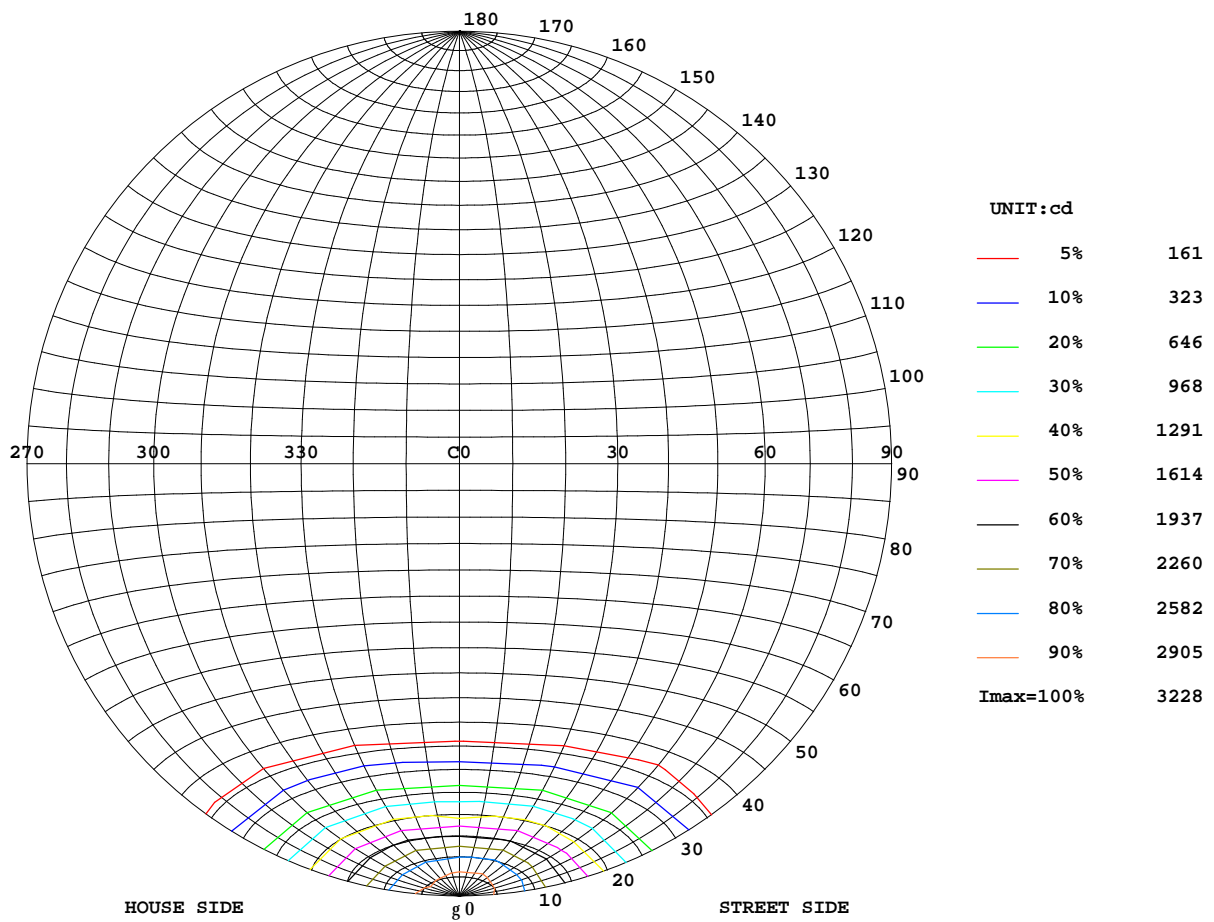
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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): 4000	DIMENSION:	SERIAL No.:



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

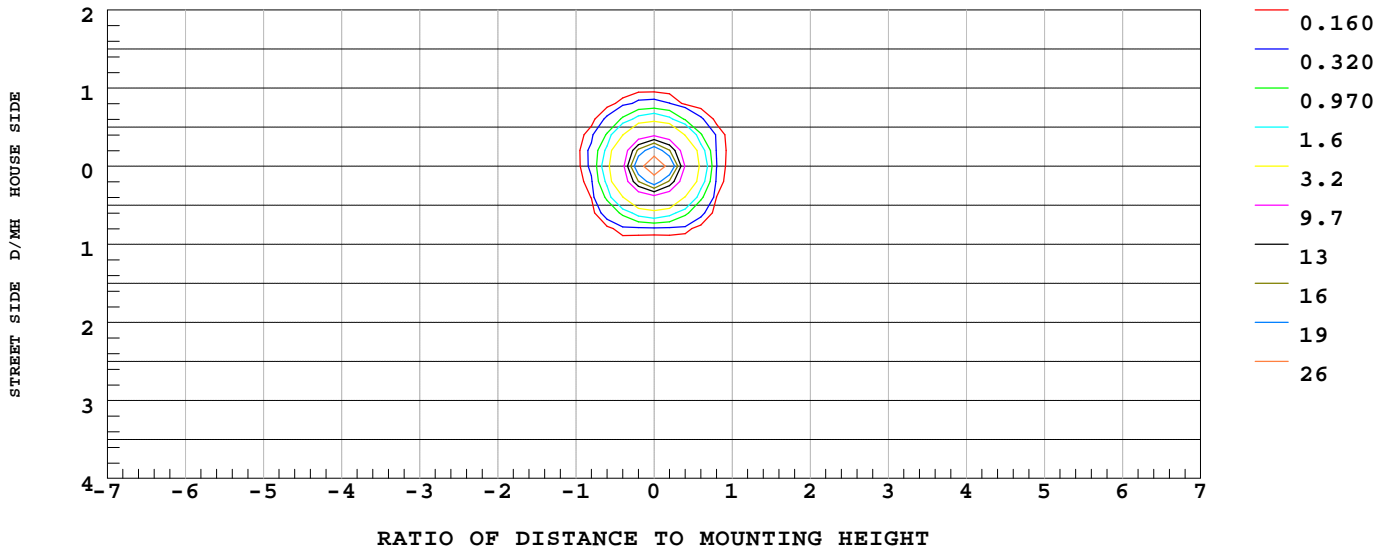
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 32.28 lx



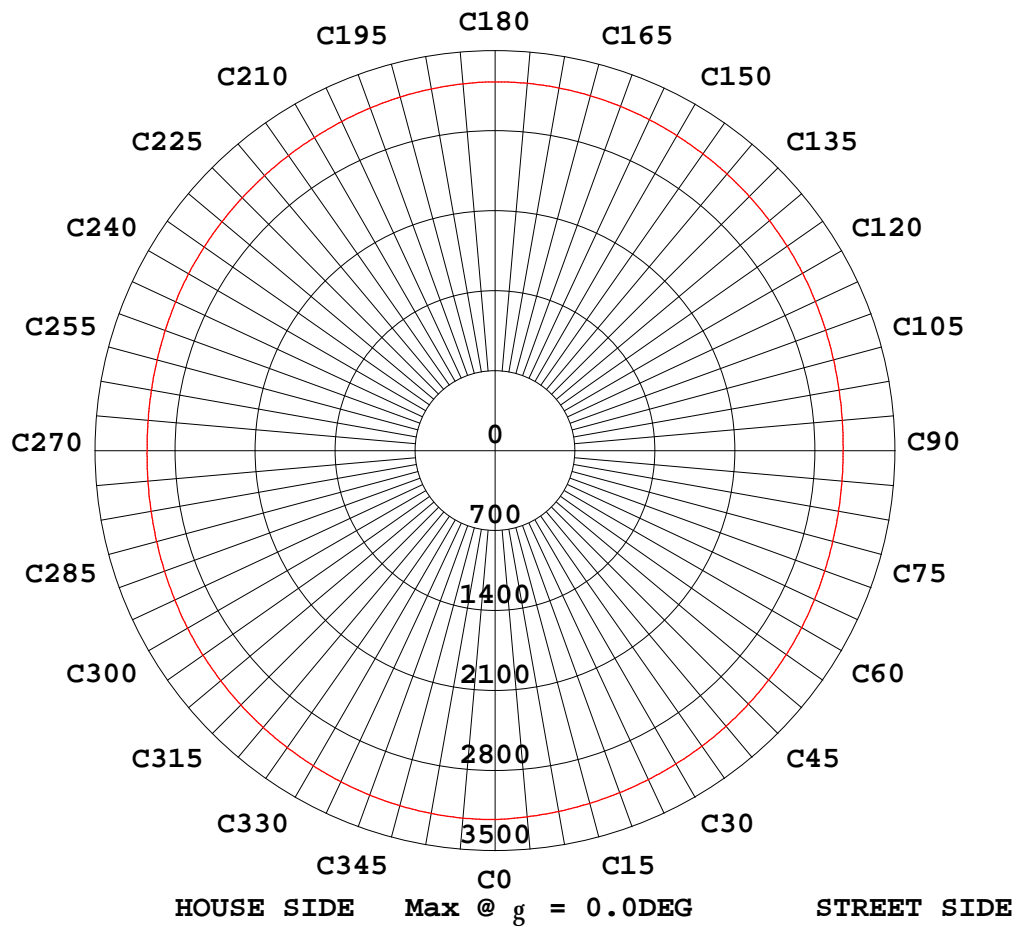
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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): 4000	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): 4000	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3228	3165	3098	3046	3108	3184	3228	3165	3098	3046	3108	3184
5.0	3000	3010	2922	2880	2874	2944	3044	3001	2961	2879	2920	2968
10.0	2574	2600	2474	2442	2415	2537	2649	2556	2532	2492	2547	2553
15.0	1918	1941	1847	1825	1804	1903	2024	1927	1932	1891	1965	1939
20.0	1270	1310	1260	1237	1230	1271	1359	1295	1311	1296	1320	1292
25.0	769	805	777	763	756	789	832	810	804	792	798	799
30.0	406	438	441	423	427	454	458	449	419	416	440	434
35.0	200	207	227	216	232	230	229	224	197	211	214	217
40.0	48.7	75.1	97.6	27.8	91.3	76.4	36.0	98.1	61.4	62.6	80.1	94.5
45.0	20.4	19.1	29.3	13.5	26.4	18.2	11.9	33.0	14.2	20.5	25.4	26.7
50.0	15.7	12.6	20.2	9.81	18.4	11.0	8.77	18.9	11.4	16.2	12.0	17.3
55.0	10.9	8.80	15.0	5.74	12.1	6.47	4.76	13.9	7.83	11.5	8.80	12.8
60.0	8.31	4.52	10.4	4.17	8.31	3.44	3.72	8.91	5.04	8.91	4.87	8.98
65.0	5.32	2.47	7.27	1.18	5.95	1.74	1.87	6.64	2.99	6.05	2.74	6.43
70.0	4.38	0.87	4.28	1.04	4.14	0.91	1.46	4.45	1.14	4.56	1.07	4.49
75.0	3.82	0.80	3.75	0.84	3.65	0.77	1.28	3.93	1.04	3.96	0.94	3.93
80.0	3.41	0.73	3.34	0.73	3.30	0.73	1.18	3.58	0.94	3.51	0.91	3.55
85.0	3.09	0.73	3.06	0.70	2.99	0.73	1.18	3.30	0.94	3.20	0.91	3.27
90.0	2.85	0.73	2.81	0.70	2.78	0.70	1.14	3.06	0.94	2.99	0.91	3.02
95.0	2.68	0.73	2.64	0.73	2.57	0.73	1.18	2.85	0.94	2.81	0.91	2.85
100.0	2.50	0.77	2.47	0.77	2.43	0.77	1.18	2.68	0.94	2.64	0.91	2.68
105.0	2.40	0.80	2.33	0.77	2.29	0.80	1.18	2.54	0.94	2.50	0.91	2.50
110.0	2.26	0.84	2.22	0.80	2.19	0.80	1.21	2.40	0.94	2.36	0.91	2.36
115.0	2.15	0.87	2.12	0.84	2.08	0.87	1.21	2.26	0.94	2.22	0.91	2.22
120.0	2.08	0.94	2.05	0.87	2.01	0.91	1.21	2.15	0.97	2.08	0.91	2.12
125.0	2.05	1.00	1.98	0.97	1.98	1.00	1.28	2.08	1.00	2.01	0.97	2.05
130.0	2.08	1.18	2.05	1.14	2.01	1.14	1.42	2.08	1.14	2.01	1.11	2.05
135.0	2.26	1.46	2.19	1.42	2.19	1.42	1.63	2.19	1.39	2.12	1.32	2.19
140.0	2.57	1.91	2.50	1.84	2.47	1.81	2.05	2.43	1.74	2.36	1.70	2.47
145.0	3.13	2.50	2.99	2.43	2.95	2.40	2.64	2.88	2.29	2.81	2.22	2.92
150.0	3.82	3.27	3.65	3.16	3.58	3.16	3.44	3.51	2.95	3.37	2.92	3.55
155.0	4.62	4.17	4.42	4.03	4.35	4.03	4.35	4.31	3.82	4.14	3.72	4.31
160.0	5.53	5.08	5.25	4.90	5.18	4.94	5.32	5.18	4.73	4.97	4.66	5.18
165.0	6.40	5.91	6.05	5.70	5.91	5.81	6.30	6.02	5.60	5.84	5.53	5.98
170.0	7.10	6.57	6.71	6.40	6.57	6.47	7.13	6.78	6.30	6.57	6.23	6.68
175.0	7.65	7.03	7.13	6.92	7.13	7.17	7.72	7.27	6.82	7.13	6.71	7.17
180.0	7.97	7.31	7.03	7.34	6.92	7.37	7.97	7.44	7.03	7.34	6.92	7.37

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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