

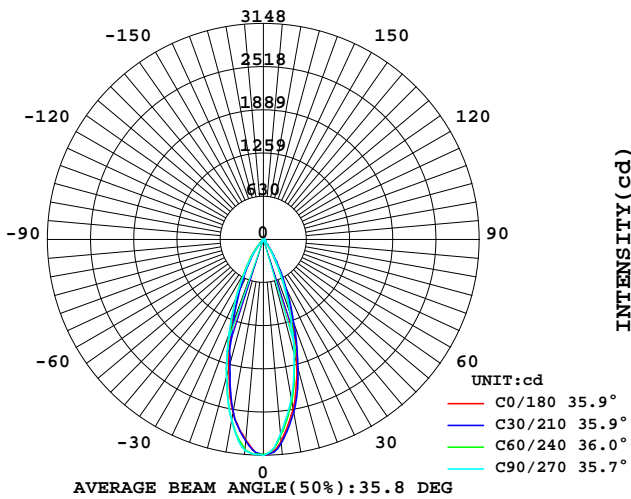
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

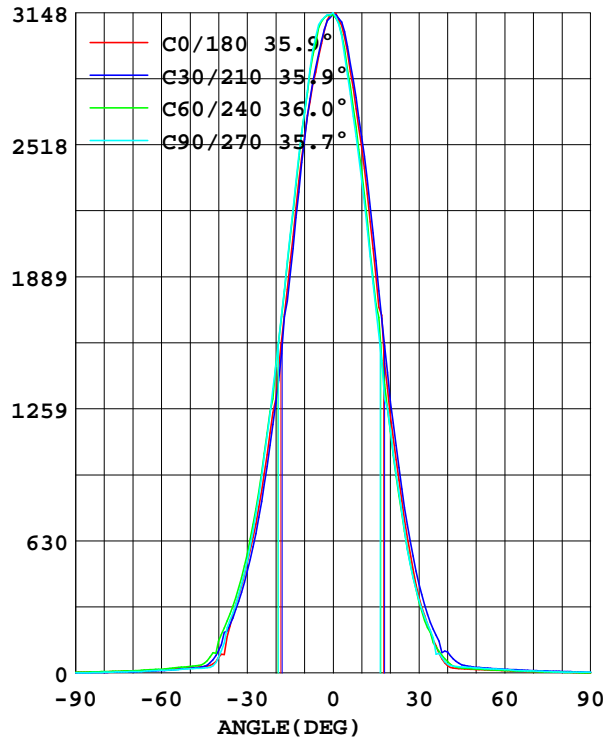
MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	3155	S/MH(C0/180)	0.59
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.62
NOMINAL POWER(W)	15	TOTAL FLUX(lm)	1393.1	Voltage(V)	120.4
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	96.3	Current(A)	0.121
NOMINAL FLUX(lm)	1393.1	h up(%)	1.0	Power(W)	14.47
LAMPS QUANTITY	1	h down(%)	99.0	Power Factor(PF)	0.986
TEST VOLTAGE(V)	120.4	Effective Flux(lm)	1393.1	EEL	0.141

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



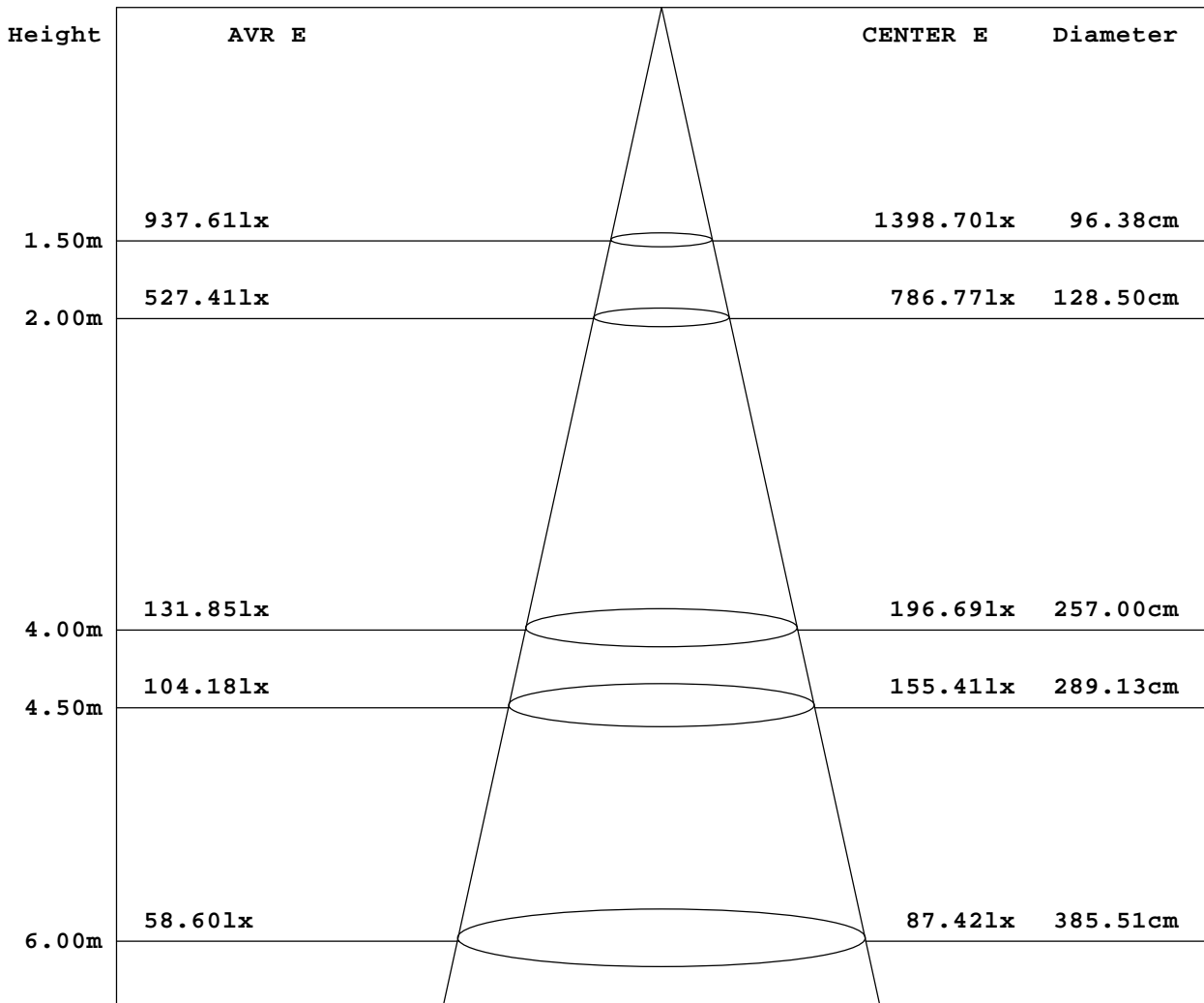
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/02

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-S15W-5CCT-4SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



Angle: 35.6deg

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-S15W-5CCT-4SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tTotal
5.0	2940	3014	3091	3021	2961	2931	2853	2897	0- 5	73.01	73.01
10.0	2556	2608	2675	2571	2512	2477	2354	2459	5- 10	195.6	268.6
15.0	1957	1989	2089	1960	1889	1861	1733	1851	10- 15	262.3	531.0
20.0	1304	1377	1462	1335	1226	1223	1158	1230	15- 20	261.8	792.8
25.0	868.7	887.2	938.8	826.5	731.6	731.7	682.6	779.2	20- 25	216.2	1009
30.0	527.6	526.6	532.6	465.8	362.3	383.1	348.9	440.4	25- 30	154.7	1164
35.0	278.4	290.4	286.5	239.4	156.5	176.3	167.5	230.8	30- 35	97.09	1261
40.0	73.76	129.0	73.34	105.1	34.28	76.65	41.38	79.21	35- 40	49.29	1310
45.0	30.73	38.90	23.39	38.67	20.25	31.13	28.92	33.90	40- 45	19.07	1329
50.0	25.13	26.85	20.53	24.34	16.77	23.09	24.29	24.43	45- 50	10.90	1340
55.0	18.62	20.79	14.96	19.66	13.36	18.58	19.42	18.95	50- 55	9.177	1349
60.0	15.62	14.68	12.81	15.03	11.45	14.84	16.77	14.35	55- 60	7.555	1357
65.0	11.66	11.64	9.224	12.18	8.493	11.95	11.27	11.29	60- 65	6.294	1363
70.0	9.503	8.180	6.370	8.998	7.066	8.928	9.259	8.128	65- 70	4.886	1368
75.0	7.553	6.474	5.012	7.240	5.639	7.083	6.857	6.422	70- 75	3.924	1372
80.0	5.325	4.490	3.202	5.412	4.072	5.273	4.316	4.786	75- 80	3.038	1375
85.0	3.550	2.993	1.462	3.568	2.367	3.620	3.341	3.324	80- 85	2.120	1377
90.0	3.028	2.036	0.731	2.088	1.113	2.193	3.098	2.123	85- 90	1.391	1379
95.0	2.819	1.827	0.731	1.810	1.148	1.984	2.889	1.984	90- 95	1.070	1380
100.0	2.645	1.723	0.766	1.705	1.148	1.879	2.715	1.879	95-100	1.005	1381
105.0	2.506	1.670	0.801	1.653	1.183	1.792	2.541	1.792	100-105	0.947	1382
110.0	2.367	1.618	0.835	1.601	1.183	1.723	2.401	1.705	105-110	0.890	1382
115.0	2.262	1.566	0.870	1.583	1.183	1.636	2.262	1.636	110-115	0.833	1383
120.0	2.158	1.566	0.905	1.549	1.218	1.618	2.123	1.601	115-120	0.779	1384
125.0	2.123	1.583	1.009	1.566	1.287	1.618	2.088	1.618	120-125	0.736	1385
130.0	2.123	1.653	1.113	1.670	1.462	1.705	2.123	1.688	125-130	0.714	1386
135.0	2.262	1.844	1.392	1.879	1.740	1.931	2.297	1.879	130-135	0.721	1386
140.0	2.506	2.210	1.775	2.210	2.158	2.297	2.645	2.227	135-140	0.762	1387
145.0	2.993	2.732	2.332	2.732	2.784	2.802	3.167	2.749	140-145	0.832	1388
150.0	3.655	3.428	3.063	3.411	3.515	3.515	3.829	3.481	145-150	0.915	1389
155.0	4.420	4.246	3.898	4.212	4.420	4.351	4.664	4.351	150-155	0.981	1390
160.0	5.291	5.151	4.803	5.099	5.360	5.256	5.604	5.256	155-160	0.996	1391
165.0	6.161	6.004	5.708	5.935	6.265	6.091	6.439	6.091	160-165	0.927	1392
170.0	6.962	6.718	6.474	6.648	6.996	6.770	7.136	6.787	165-170	0.761	1392
175.0	7.518	7.257	7.066	7.136	7.518	7.257	7.588	7.223	170-175	0.503	1393
180.0	7.727	7.431	7.658	7.362	7.727	7.431	7.658	7.362	175-180	0.177	1393
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:

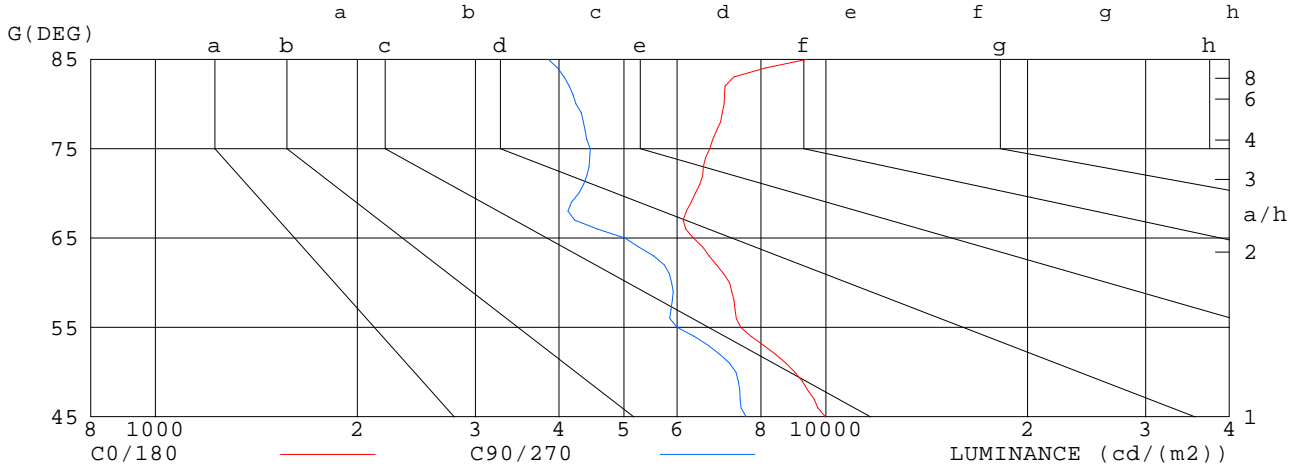
LUMINANCE LIMITATION CURVES

Report number:

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



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	9365	3856
80	7051	4240
75	6709	4452
70	6387	4282
65	6343	5018
60	7186	5890
55	7464	5999
50	8988	7345
45	9993	7605

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

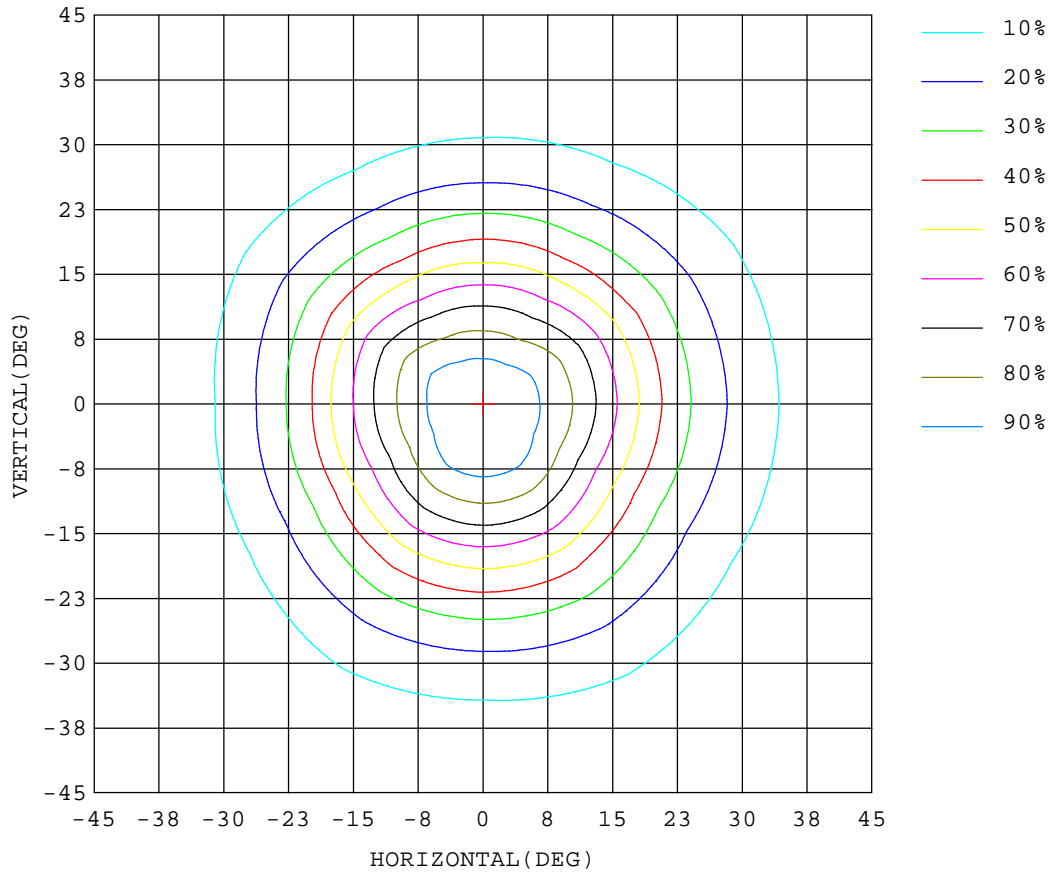
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



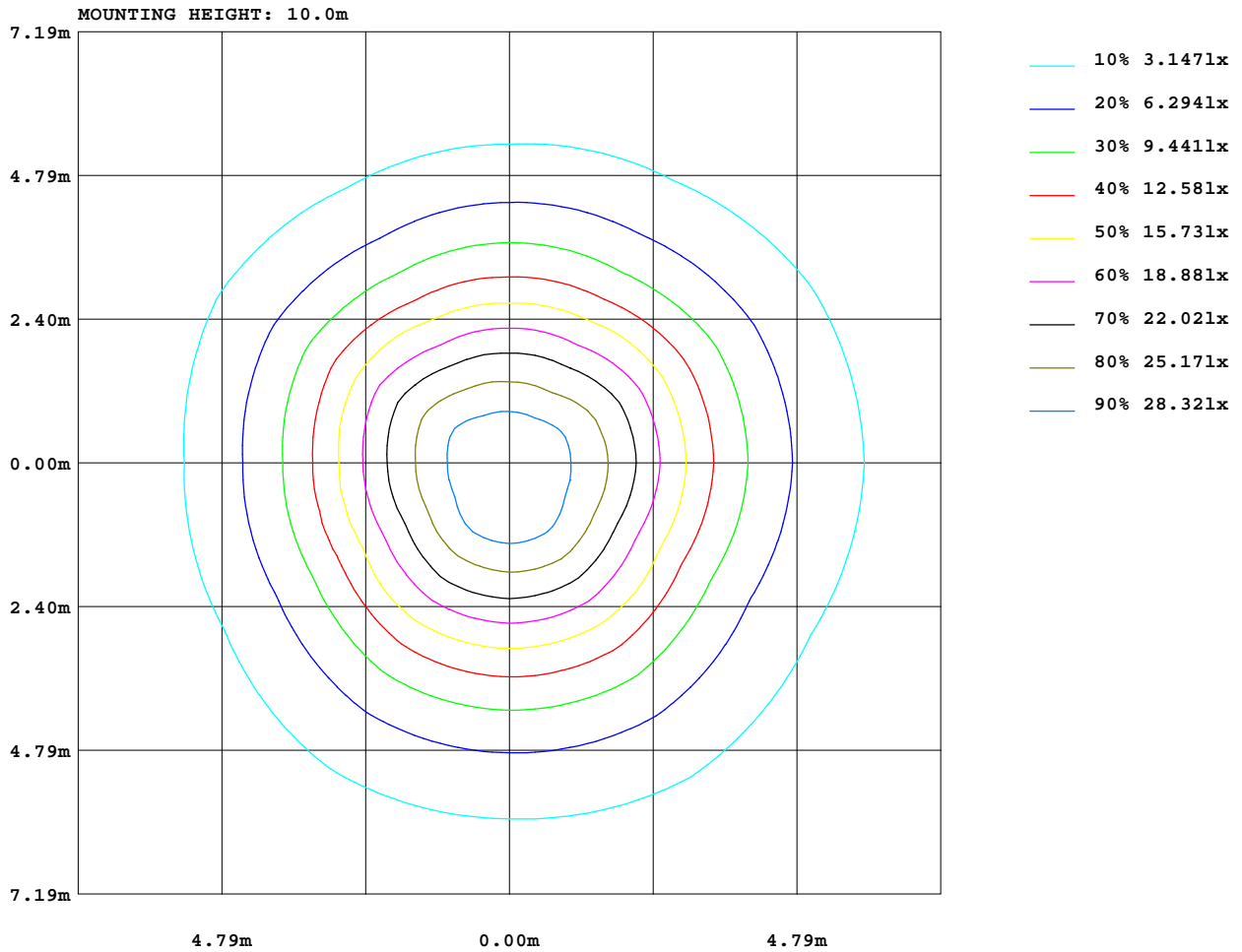
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/02/02

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-S15W-5CCT-4SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	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-S15W-5CCT-4SR-SM-WH		TYPE:	
SPECIFICATION:		SERIAL No.:	
CCT(K): 4000		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	Φ t	Φ a
45	0.11	0.12	0.14	0.15	0.16	0.18	0.21	0.23	0.25	0.25	0.24	0.22	0.19	0.17	0.16	0.14	0.12	0.10	3.11	3.11	
40	0.12	0.14	0.17	0.20	0.24	0.33	0.47	0.57	0.63	0.65	0.62	0.53	0.39	0.28	0.21	0.18	0.15	0.13	6.00	6.00	
35	0.14	0.18	0.24	0.38	0.57	0.86	1.24	1.63	1.87	1.91	1.75	1.41	1.04	0.73	0.44	0.27	0.18	0.15	15.0	15.0	
30	0.15	0.24	0.44	0.72	1.24	1.87	2.59	3.28	3.69	3.75	3.43	2.82	2.15	1.55	0.98	0.52	0.26	0.17	29.8	29.8	
25	0.17	0.34	0.69	1.35	2.28	3.47	4.72	5.97	6.75	6.80	6.13	4.99	3.81	2.67	1.73	0.95	0.41	0.19	53.4	53.4	
20	0.18	0.42	1.00	2.12	3.69	5.64	7.68	9.50	10.6	10.7	9.60	7.88	5.99	4.12	2.59	1.42	0.55	0.22	84.0	84.0	
15	0.19	0.47	1.33	2.82	5.18	8.17	11.3	13.8	15.3	15.3	13.8	11.3	8.40	5.66	3.43	1.87	0.70	0.25	120	120	
10	0.18	0.53	1.56	3.36	6.27	10.2	14.7	18.0	19.6	19.4	17.9	14.6	10.4	6.87	4.12	2.26	0.84	0.27	152	152	
5	0.16	0.55	1.65	3.62	6.80	11.2	16.3	20.4	22.8	22.6	20.4	16.5	11.6	7.56	4.55	2.49	0.92	0.26	171	171	
0	0.14	0.53	1.63	3.58	6.72	11.1	16.0	20.3	23.2	23.2	20.5	16.4	11.6	7.51	4.52	2.49	0.91	0.25	171	171	
-5	0.15	0.50	1.50	3.26	6.06	9.91	14.4	18.7	21.6	21.6	19.0	14.6	10.3	6.72	4.06	2.23	0.84	0.24	156	156	
-10	0.14	0.41	1.23	2.67	4.94	8.09	12.0	15.7	17.8	17.8	15.8	12.3	8.49	5.49	3.36	1.84	0.69	0.21	129	129	
-15	0.13	0.32	0.90	2.00	3.79	6.26	9.14	11.7	13.1	13.2	11.8	9.42	6.68	4.30	2.57	1.39	0.50	0.18	97.6	97.6	
-20	0.12	0.22	0.61	1.42	2.69	4.40	6.34	7.91	8.86	8.91	8.11	6.67	4.80	3.15	1.89	0.96	0.32	0.15	67.5	67.5	
-25	0.11	0.16	0.39	0.93	1.76	2.85	3.96	4.84	5.39	5.45	5.01	4.22	3.17	2.12	1.25	0.52	0.20	0.13	42.5	42.5	
-30	0.10	0.14	0.25	0.53	1.04	1.70	2.27	2.73	3.00	3.05	2.86	2.46	1.91	1.24	0.61	0.27	0.16	0.12	24.4	24.4	
-35	0.10	0.13	0.18	0.29	0.54	0.82	1.03	1.25	1.36	1.38	1.32	1.11	0.86	0.53	0.29	0.19	0.14	0.10	11.6	11.6	
-40	0.09	0.12	0.15	0.19	0.27	0.35	0.39	0.37	0.32	0.32	0.36	0.37	0.32	0.25	0.20	0.16	0.13	0.09	4.43	4.43	
-45	0.09	0.12	0.15	0.19	0.27	0.35	0.39	0.37	0.32	0.32	0.36	0.37	0.32	0.25	0.20	0.16	0.13	0.09	4.43	4.43	
	-45	-40	-35	-30	-25	-20	-15	-10	0	10	15	20	25	30	35	40	45				
Φ t	2.48	5.50	14.0	29.6	54.3	87.6	125	157	177	177	159	128	92.3	60.9	37.0	20.1	8.03	3.21	1393		
Φ a	2.48	5.50	14.0	29.6	54.3	87.6	125	157	177	177	159	128	92.3	60.9	37.0	20.1	8.03	3.21		1393	

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

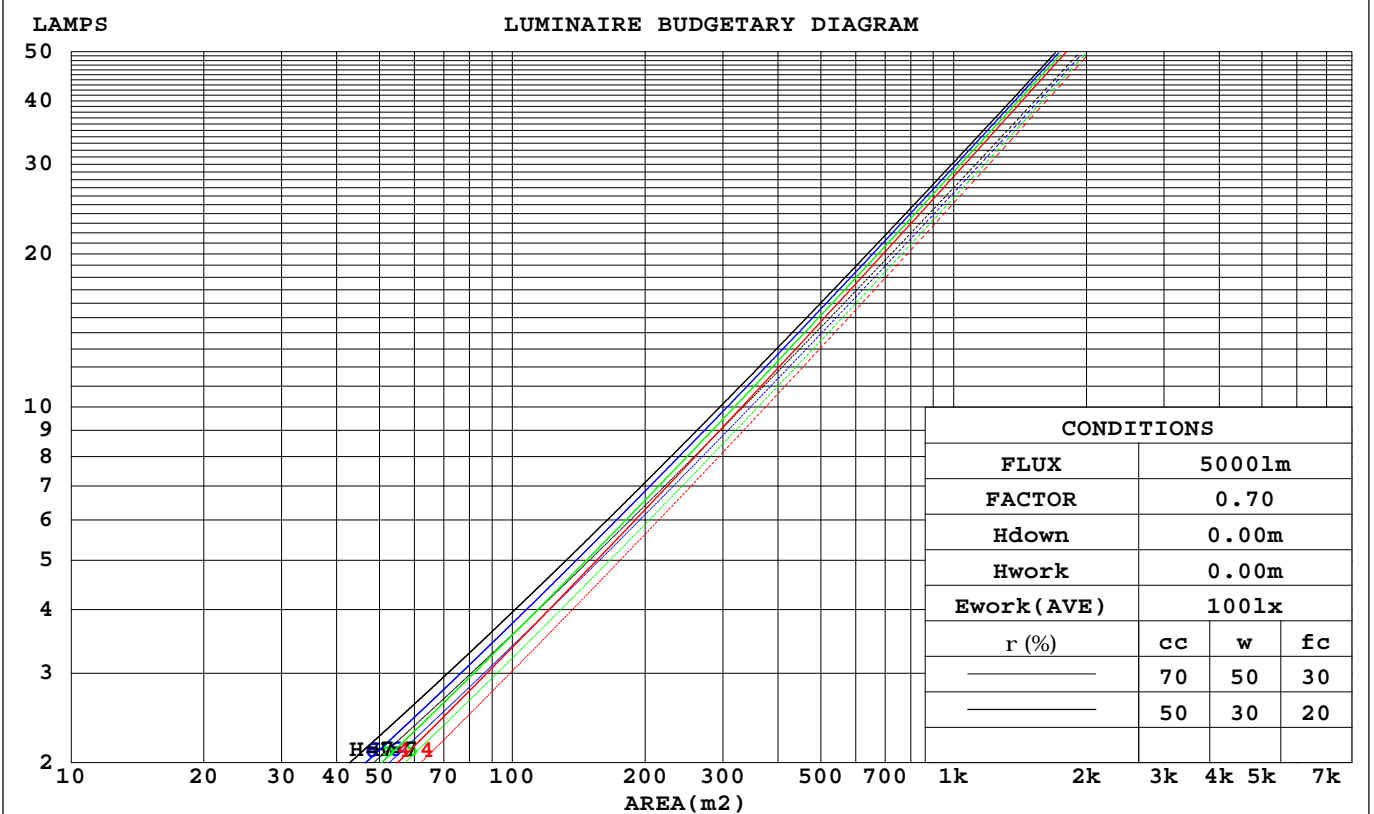
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-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	1.11	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	.98	.97	.96	.95	.93
2.0	1.04	1.01	.98	1.03	.99	.96	.99	.97	.94	.96	.94	.92	.93	.92	.90	.88
3.0	.98	.94	.90	.97	.93	.90	.94	.91	.88	.92	.89	.87	.89	.87	.85	.84
4.0	.93	.88	.84	.92	.87	.84	.90	.86	.83	.88	.84	.82	.86	.83	.81	.79
5.0	.88	.83	.79	.87	.83	.79	.86	.81	.78	.84	.80	.77	.82	.79	.77	.75
6.0	.84	.79	.75	.83	.78	.75	.82	.77	.74	.80	.76	.74	.79	.76	.73	.72
7.0	.80	.75	.71	.79	.74	.71	.78	.74	.71	.77	.73	.70	.76	.72	.70	.68
8.0	.77	.71	.68	.76	.71	.68	.75	.70	.67	.74	.70	.67	.73	.69	.67	.65
9.0	.73	.68	.65	.73	.68	.65	.72	.67	.64	.71	.67	.64	.70	.66	.64	.63
10.0	.70	.65	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.67	.64	.61	.60



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-S15W-5CCT-4SR-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	.166	.094	.030	.159	.091	.029	.146	.084	.027	.134	.077	.025	.123	.071	.023	
2.0	.156	.085	.026	.150	.083	.025	.139	.077	.024	.129	.072	.023	.119	.068	.021	
3.0	.146	.078	.023	.141	.076	.023	.132	.072	.022	.123	.068	.021	.115	.064	.020	
4.0	.138	.072	.021	.134	.070	.021	.126	.067	.020	.118	.064	.019	.111	.061	.018	
5.0	.131	.067	.019	.127	.065	.019	.120	.062	.018	.114	.060	.018	.107	.057	.017	
6.0	.124	.062	.018	.121	.061	.018	.115	.059	.017	.109	.057	.017	.104	.055	.016	
7.0	.118	.058	.017	.115	.057	.016	.110	.056	.016	.105	.054	.016	.100	.052	.015	
8.0	.113	.055	.015	.110	.054	.015	.105	.053	.015	.101	.051	.015	.097	.050	.014	
9.0	.108	.052	.015	.106	.051	.014	.101	.050	.014	.097	.049	.014	.093	.047	.014	
10.0	.103	.050	.014	.101	.049	.014	.098	.048	.013	.094	.047	.013	.090	.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	.198	.198	.198	.170	.170	.170	.116	.116	.116	.066	.066	.066	.021	.021	.021	
1.0	.178	.165	.154	.153	.142	.132	.104	.098	.092	.060	.057	.053	.019	.018	.017	
2.0	.162	.141	.123	.139	.121	.106	.095	.084	.074	.055	.049	.043	.018	.016	.014	
3.0	.149	.122	.100	.128	.105	.087	.088	.073	.061	.051	.043	.036	.016	.014	.012	
4.0	.138	.107	.083	.118	.092	.072	.081	.064	.051	.047	.038	.030	.015	.012	.010	
5.0	.128	.095	.070	.110	.082	.061	.076	.057	.043	.044	.034	.026	.014	.011	.008	
6.0	.120	.085	.060	.103	.074	.052	.071	.052	.037	.041	.030	.022	.013	.010	.007	
7.0	.113	.077	.052	.097	.067	.046	.067	.047	.032	.039	.028	.019	.013	.009	.006	
8.0	.107	.071	.046	.092	.062	.040	.064	.043	.029	.037	.026	.017	.012	.008	.006	
9.0	.102	.066	.041	.088	.057	.036	.061	.040	.026	.035	.024	.015	.011	.008	.005	
10.0	.097	.061	.037	.084	.053	.032	.058	.037	.023	.034	.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-S15W-5CCT-4SR-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	16.7	17.6	17.0	17.7	17.9	17.7	18.5	17.9	18.7	18.9
3H	16.8	17.6	17.1	17.8	18.0	17.8	18.5	18.0	18.7	18.9
4H	17.0	17.7	17.2	17.9	18.1	17.8	18.5	18.1	18.7	19.0
6H	17.1	17.8	17.4	18.0	18.3	17.8	18.5	18.1	18.8	19.0
8H	17.1	17.8	17.5	18.1	18.3	17.8	18.5	18.1	18.7	19.0
12H	17.2	17.8	17.6	18.1	18.4	17.8	18.4	18.1	18.7	19.0
4H 2H	16.6	17.4	16.9	17.6	17.8	17.6	18.3	17.9	18.5	18.8
3H	16.8	17.4	17.1	17.7	18.0	17.8	18.4	18.1	18.7	19.0
4H	17.0	17.5	17.3	17.8	18.2	17.9	18.5	18.3	18.8	19.1
6H	17.2	17.7	17.5	18.0	18.4	18.0	18.5	18.4	18.9	19.3
8H	17.3	17.7	17.7	18.1	18.5	18.1	18.6	18.5	18.9	19.3
12H	17.4	17.8	17.8	18.2	18.6	18.1	18.5	18.5	18.9	19.3
8H 4H	17.0	17.4	17.4	17.8	18.2	17.9	18.4	18.3	18.7	19.1
6H	17.2	17.6	17.6	18.0	18.4	18.2	18.6	18.6	19.0	19.4
8H	17.3	17.7	17.8	18.1	18.6	18.3	18.7	18.8	19.1	19.6
12H	17.5	17.8	18.0	18.3	18.8	18.5	18.8	19.0	19.2	19.7
12H 4H	17.0	17.4	17.4	17.8	18.2	17.8	18.3	18.3	18.7	19.1
6H	17.2	17.6	17.7	18.0	18.5	18.2	18.5	18.6	18.9	19.4
8H	17.4	17.7	17.8	18.1	18.6	18.4	18.7	18.9	19.1	19.6
Variations with the observer position at spacings:										
S = 1.0H	+ 2.4 / - 2.1					+ 2.3 / - 2.6				
1.5H	+ 4.3 / - 2.0					+ 4.4 / - 2.8				
2.0H	+ 0.6 / - 0.8					+ 0.4 / - 0.8				

CIE Pub.117 Corrected 1393 lm Total Lamp Luminous Flux. (8log(F/F0) = 1.2)

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-S15W-5CCT-4SR-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	88	82	78	87	82	78	87	81	78	74
0.80	95	89	86	94	89	86	93	88	85	82
1.00	99	94	90	98	93	90	97	93	89	85
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	110	107	104	106	104	102	95
4.00	114	111	109	111	109	107	108	106	104	97
5.00	115	113	111	113	111	109	108	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

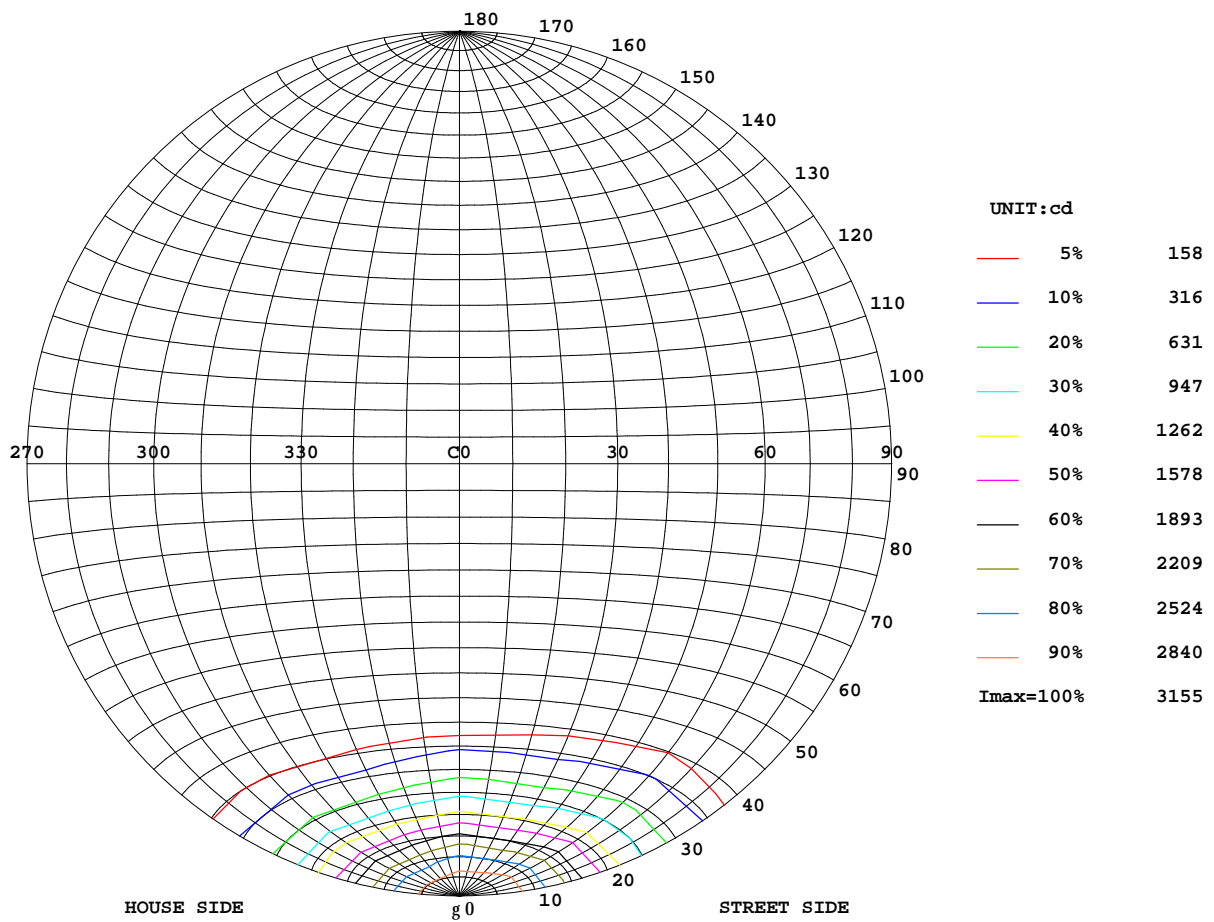
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/02/02

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-S15W-5CCT-4SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



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

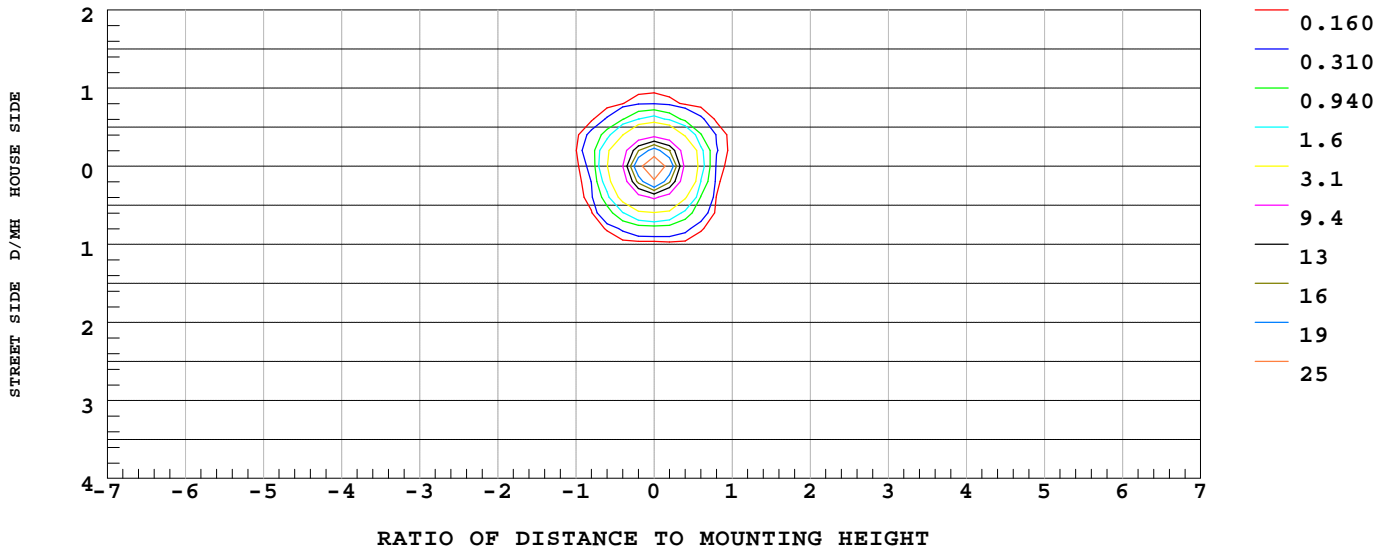
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 31.47 lx



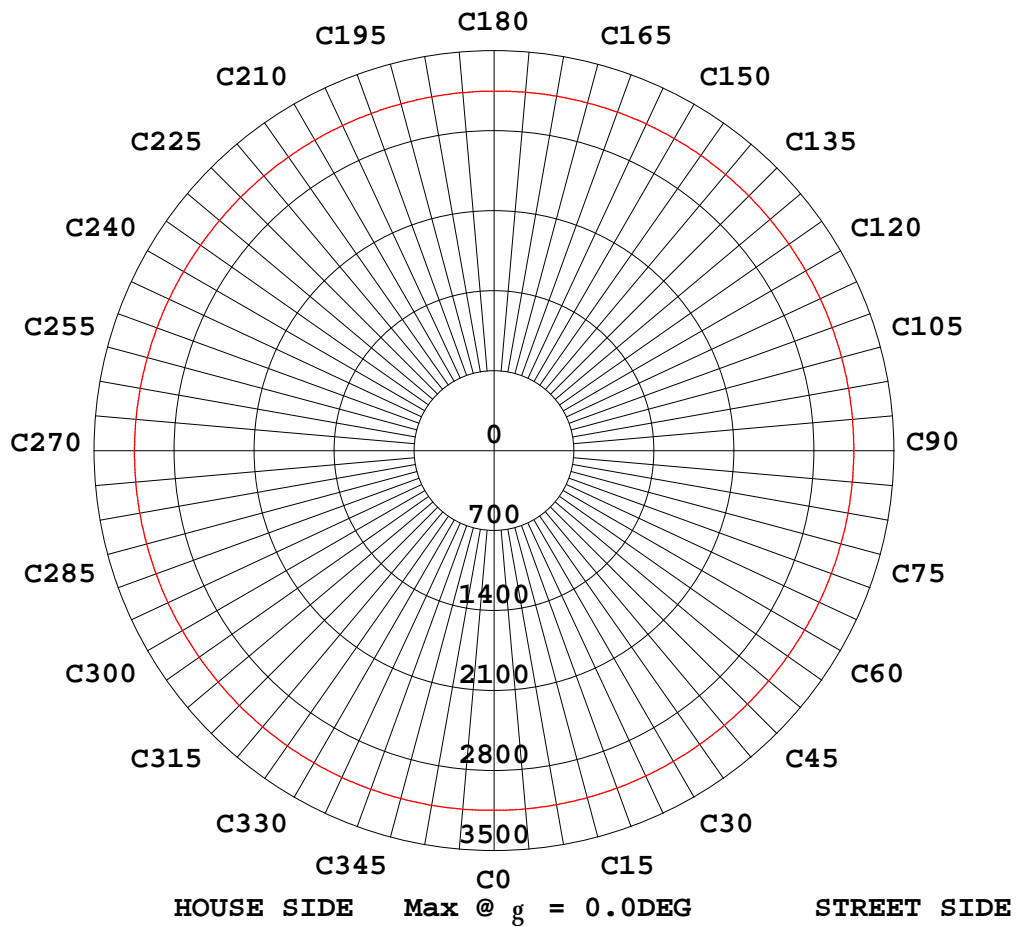
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/02

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-S15W-5CCT-4SR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	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-S15W-5CCT-4SR-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	3147	3139	3138	3148	3149	3155	3147	3139	3138	3148	3149	3155
5.0	2940	2952	3077	3091	3081	2961	2961	2988	2874	2853	2855	2939
10.0	2556	2543	2673	2675	2640	2502	2512	2558	2396	2354	2381	2538
15.0	1957	1899	2078	2089	2054	1866	1889	1964	1759	1733	1762	1939
20.0	1304	1287	1468	1462	1430	1240	1226	1293	1152	1158	1165	1294
25.0	869	818	957	939	909	744	732	788	676	683	707	851
30.0	528	486	567	533	532	400	362	426	340	349	381	500
35.0	278	262	319	287	285	194	157	209	144	168	191	271
40.0	73.7	106	152	73.3	140	70.3	34.2	99.3	53.9	41.3	64.3	94.0
45.0	30.7	31.5	46.2	23.3	52.3	24.9	20.2	38.8	23.3	28.9	24.7	43.0
50.0	25.1	22.6	31.0	20.5	29.5	19.1	16.7	27.2	18.9	24.2	20.3	28.5
55.0	18.6	16.6	24.9	14.9	23.9	15.3	13.3	22.2	14.9	19.4	15.4	22.4
60.0	15.6	11.3	17.9	12.8	18.3	11.7	11.4	17.6	12.0	16.7	11.8	16.9
65.0	11.6	8.35	14.9	9.22	15.2	9.12	8.49	14.7	9.15	11.2	8.66	13.9
70.0	9.50	5.81	10.5	6.37	11.2	6.75	7.06	11.3	6.50	9.25	5.95	10.3
75.0	7.55	4.21	8.73	5.01	9.15	5.32	5.63	9.43	4.73	6.85	4.24	8.59
80.0	5.32	2.36	6.61	3.20	7.13	3.68	4.07	7.48	3.06	4.31	2.78	6.78
85.0	3.55	1.35	4.62	1.46	5.15	1.98	2.36	5.46	1.77	3.34	1.63	5.01
90.0	3.02	0.77	3.30	0.73	3.44	0.73	1.11	3.48	0.91	3.09	0.91	3.34
95.0	2.81	0.80	2.85	0.73	2.85	0.77	1.14	3.02	0.94	2.88	0.94	3.02
100.0	2.64	0.80	2.64	0.77	2.64	0.77	1.14	2.81	0.94	2.71	0.94	2.81
105.0	2.50	0.84	2.50	0.80	2.50	0.80	1.18	2.64	0.94	2.54	0.94	2.64
110.0	2.36	0.87	2.36	0.84	2.36	0.84	1.18	2.50	0.94	2.40	0.94	2.47
115.0	2.26	0.91	2.22	0.87	2.26	0.91	1.18	2.33	0.94	2.26	0.94	2.33
120.0	2.15	0.97	2.15	0.91	2.15	0.94	1.21	2.22	1.00	2.12	0.97	2.22
125.0	2.12	1.07	2.08	1.00	2.08	1.04	1.28	2.15	1.07	2.08	1.07	2.15
130.0	2.12	1.21	2.08	1.11	2.12	1.21	1.46	2.15	1.25	2.12	1.25	2.12
135.0	2.26	1.49	2.19	1.39	2.22	1.53	1.74	2.29	1.56	2.29	1.53	2.22
140.0	2.50	1.94	2.47	1.77	2.47	1.94	2.15	2.57	2.01	2.64	1.94	2.50
145.0	2.99	2.57	2.88	2.33	2.92	2.54	2.78	2.99	2.61	3.16	2.57	2.92
150.0	3.65	3.34	3.51	3.06	3.51	3.30	3.51	3.65	3.37	3.82	3.37	3.58
155.0	4.42	4.21	4.28	3.89	4.24	4.17	4.42	4.42	4.28	4.66	4.31	4.38
160.0	5.29	5.15	5.15	4.80	5.08	5.11	5.36	5.29	5.22	5.60	5.25	5.25
165.0	6.16	6.02	5.98	5.70	5.91	5.95	6.26	6.12	6.05	6.43	6.09	6.09
170.0	6.96	6.71	6.71	6.47	6.64	6.64	6.99	6.82	6.71	7.13	6.75	6.82
175.0	7.51	7.24	7.27	7.06	7.17	7.10	7.51	7.34	7.17	7.58	7.13	7.31
180.0	7.72	7.58	7.27	7.65	7.20	7.51	7.72	7.58	7.27	7.65	7.20	7.51

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%
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 Remarks: