

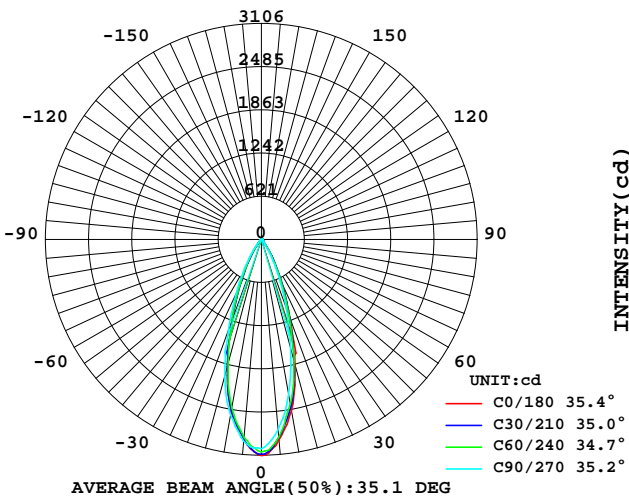
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

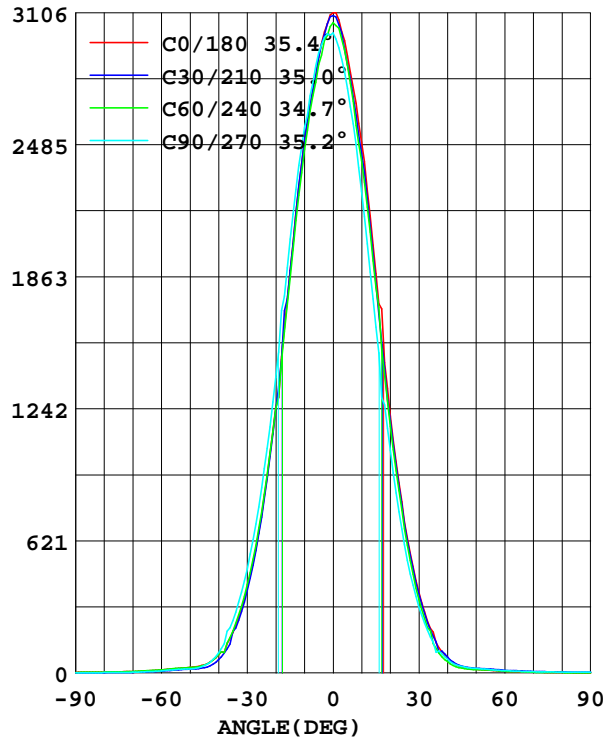
MANUFACTURER:			
Address:			
NAME: JXL-COB04-R15W-5CCT-4RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	3106	S/MH(C0/180)	0.58
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.62
NOMINAL POWER(W)	15	TOTAL FLUX(lm)	1300.9	Voltage(V)	120.5
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	87.6	Current(A)	0.124
NOMINAL FLUX(lm)	1300.9	h up(%)	1.1	Power(W)	14.85
LAMPS QUANTITY	1	h down(%)	98.9	Power Factor(PF)	0.987
TEST VOLTAGE(V)	120.6	Effective Flux(lm)	1300.9	EEL	0.155

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



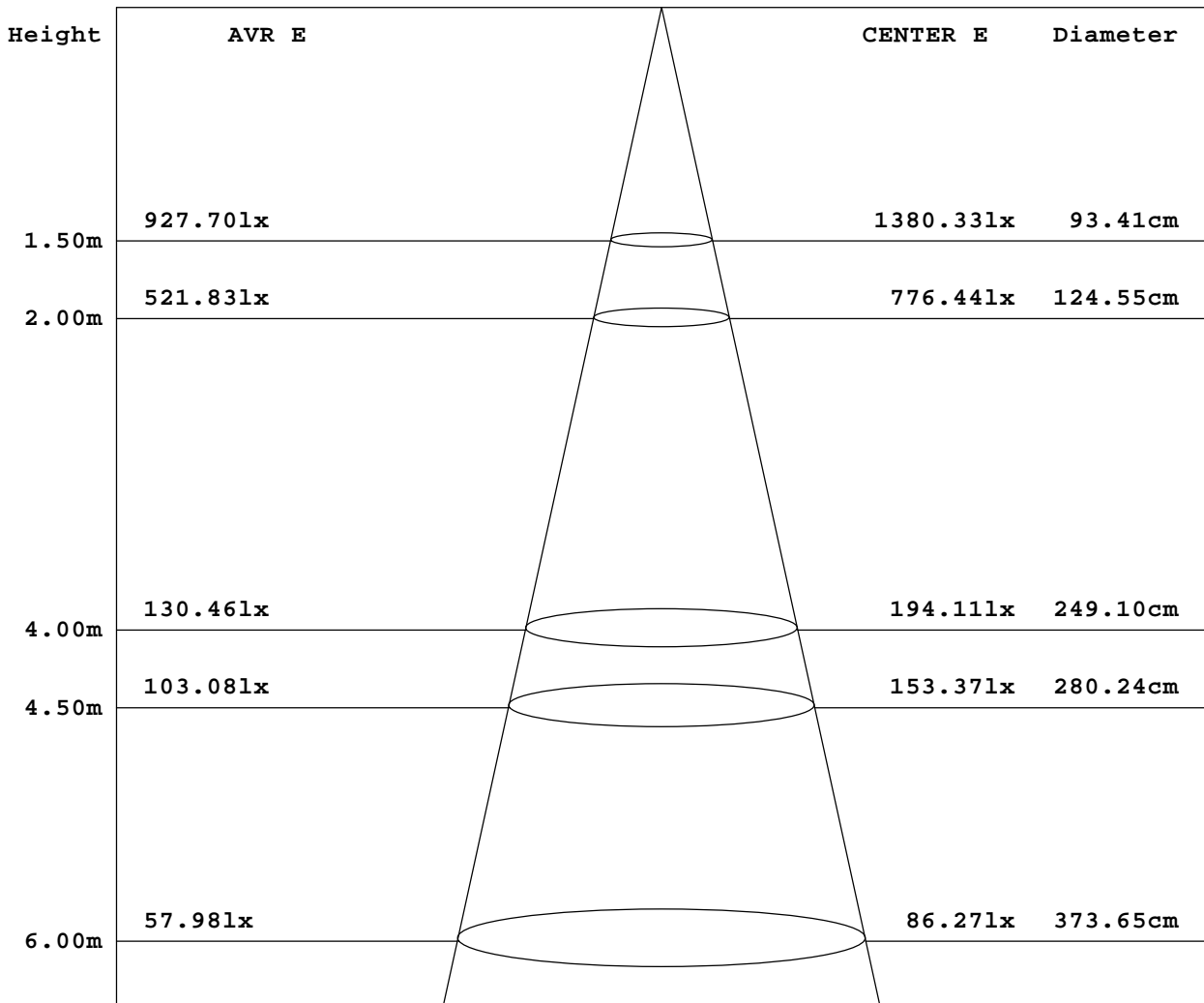
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/02

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-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Angle: 34.6deg

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

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tTotal
5.0	2897	2879	2918	2835	2902	2859	2749	2883	0- 5	70.68	70.68
10.0	2508	2486	2568	2431	2497	2426	2265	2514	5- 10	189.7	260.4
15.0	1893	1875	2041	1804	1877	1822	1626	1928	10- 15	255.5	515.9
20.0	1248	1240	1391	1194	1209	1172	1047	1281	15- 20	250.3	766.3
25.0	745.1	745.5	870.9	717.9	709.2	689.2	603.0	765.9	20- 25	200.5	966.9
30.0	401.2	403.3	488.6	399.0	380.7	360.1	311.3	414.4	25- 30	138.2	1105
35.0	190.1	196.1	246.7	202.6	191.7	155.3	144.3	204.8	30- 35	82.75	1188
40.0	85.73	74.24	94.68	84.90	68.95	63.70	63.31	86.97	35- 40	40.76	1229
45.0	38.15	31.29	34.63	34.56	27.46	27.53	30.91	36.72	40- 45	18.77	1247
50.0	26.03	21.87	19.45	21.94	16.88	19.12	21.54	21.82	45- 50	10.19	1258
55.0	20.50	17.66	15.66	16.43	12.77	15.61	15.24	17.64	50- 55	8.225	1266
60.0	14.23	11.80	9.851	9.973	7.762	10.58	11.34	12.20	55- 60	6.377	1272
65.0	10.44	8.528	6.509	7.536	5.987	8.145	7.762	8.893	60- 65	4.581	1277
70.0	6.892	4.890	3.132	4.768	3.515	5.117	6.265	5.517	65- 70	3.259	1280
75.0	5.534	3.811	2.367	3.811	2.749	4.090	4.977	4.333	70- 75	2.338	1282
80.0	4.351	2.889	1.566	2.871	1.914	3.185	3.863	3.393	75- 80	1.867	1284
85.0	3.446	2.193	0.975	2.158	1.357	2.506	3.306	2.628	80- 85	1.443	1286
90.0	2.993	1.827	0.731	1.827	1.148	2.018	3.063	2.071	85- 90	1.162	1287
95.0	2.784	1.740	0.731	1.723	1.183	1.931	2.854	1.931	90- 95	1.040	1288
100.0	2.610	1.670	0.766	1.653	1.218	1.827	2.680	1.844	95-100	0.984	1289
105.0	2.471	1.601	0.766	1.601	1.218	1.757	2.506	1.757	100-105	0.929	1290
110.0	2.367	1.566	0.835	1.549	1.218	1.670	2.367	1.688	105-110	0.873	1291
115.0	2.262	1.531	0.870	1.514	1.218	1.601	2.227	1.618	110-115	0.819	1292
120.0	2.158	1.514	0.905	1.514	1.253	1.566	2.123	1.566	115-120	0.766	1292
125.0	2.123	1.514	0.975	1.531	1.322	1.549	2.053	1.566	120-125	0.721	1293
130.0	2.123	1.618	1.113	1.618	1.427	1.618	2.088	1.618	125-130	0.693	1294
135.0	2.262	1.792	1.322	1.810	1.670	1.757	2.227	1.792	130-135	0.693	1294
140.0	2.541	2.106	1.636	2.140	2.053	2.071	2.506	2.071	135-140	0.725	1295
145.0	2.993	2.610	2.158	2.662	2.610	2.541	2.993	2.541	140-145	0.787	1296
150.0	3.620	3.289	2.819	3.341	3.341	3.202	3.585	3.185	145-150	0.864	1297
155.0	4.420	4.090	3.620	4.124	4.246	4.020	4.351	3.968	150-155	0.928	1298
160.0	5.221	4.925	4.490	4.943	5.151	4.838	5.221	4.803	155-160	0.942	1299
165.0	6.056	5.743	5.325	5.726	6.056	5.674	6.056	5.621	160-165	0.878	1300
170.0	6.753	6.405	6.056	6.352	6.822	6.370	6.718	6.300	165-170	0.722	1300
175.0	7.310	6.874	6.613	6.770	7.379	6.892	7.136	6.770	170-175	0.478	1301
180.0	7.588	7.031	7.205	6.979	7.588	7.031	7.205	6.979	175-180	0.168	1301
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:

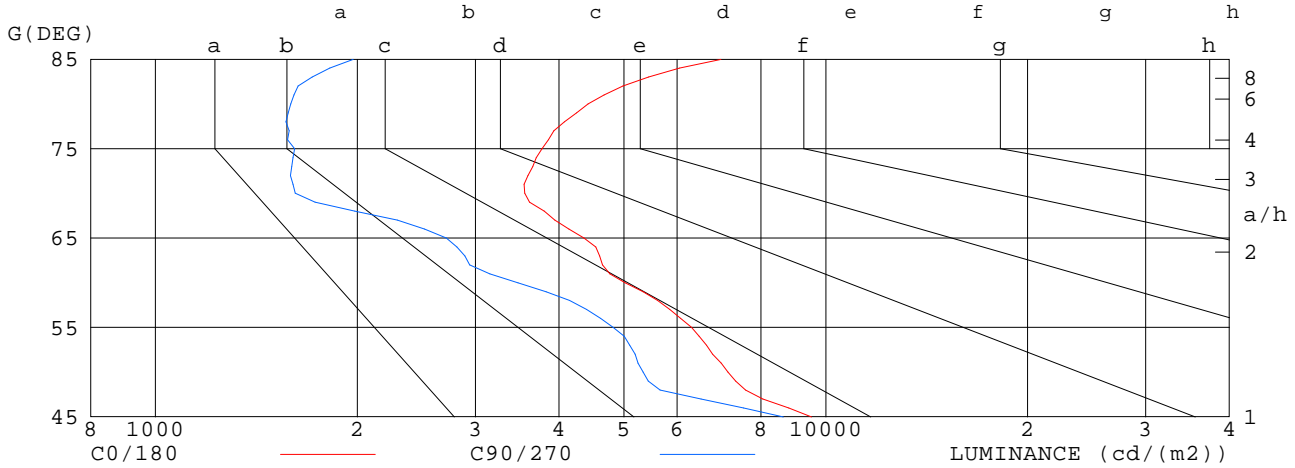
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-R15W-5CCT-4RR-SM-WH		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								
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



G (DEG)	LUMINANCE cd/m2	
	C0/180	C90/270
85	6974	1972
80	4419	1591
75	3772	1613
70	3554	1616
65	4358	2717
60	5022	3475
55	6304	4817
50	7144	5339
45	9516	8639

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

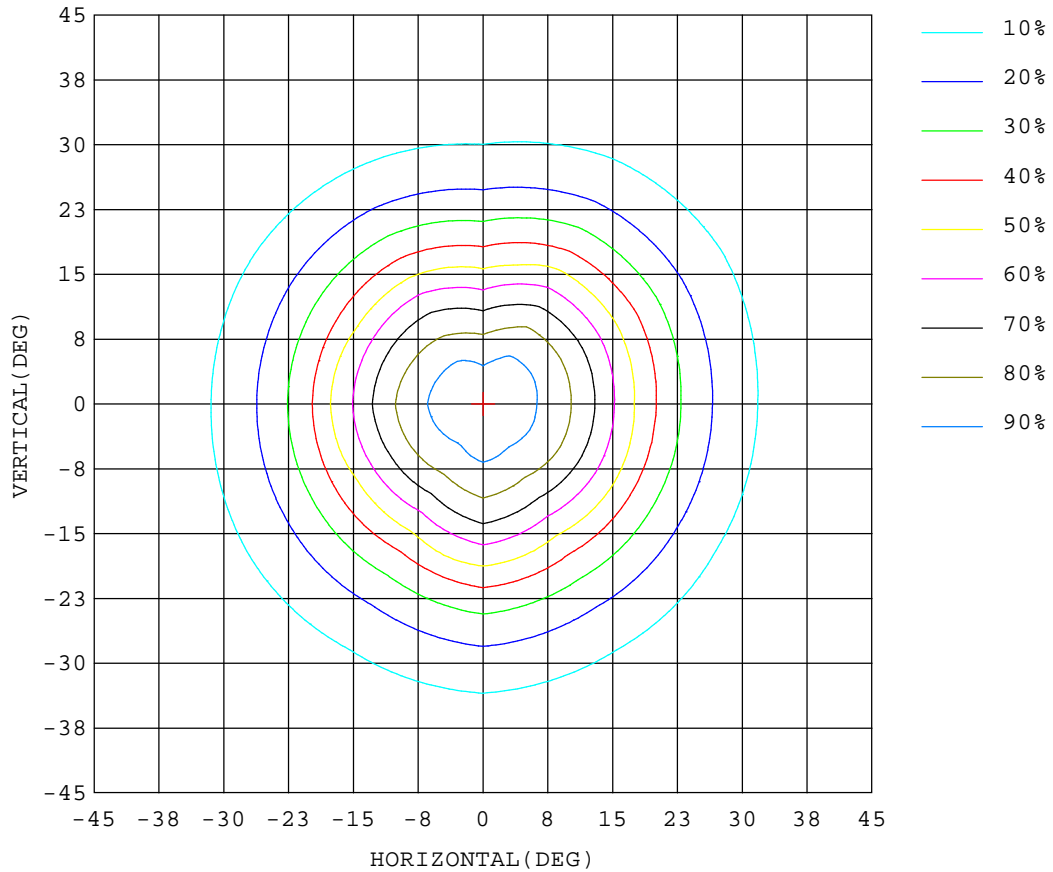
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



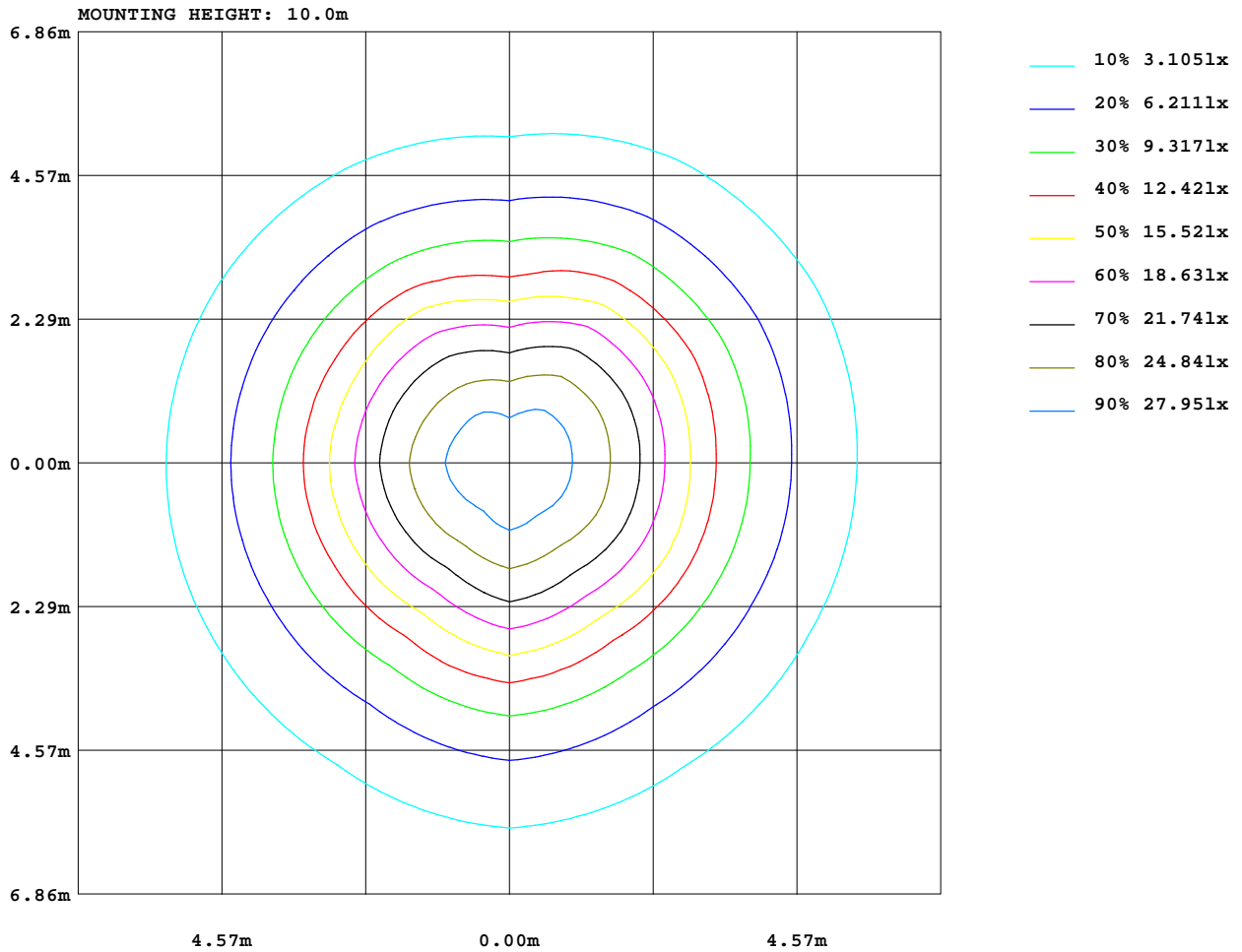
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/02/02

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-WH		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-WH		TYPE:	
SPECIFICATION:		WEIGHT:	
CCT(K): 3000		DIMENSION:	
		SERIAL No.:	

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.08	0.10	0.11	0.12	0.14	0.17	0.22	0.28	0.32	0.33	0.31	0.27	0.21	0.17	0.14	0.13	0.12	0.10	3.31	3.31
45	0.10	0.12	0.14	0.18	0.24	0.34	0.49	0.62	0.70	0.73	0.70	0.60	0.46	0.33	0.23	0.17	0.14	0.12	6.39	6.39
40	0.12	0.14	0.20	0.33	0.52	0.81	1.20	1.52	1.67	1.72	1.66	1.41	1.05	0.70	0.45	0.28	0.18	0.14	14.1	14.1
35	0.13	0.19	0.35	0.62	1.12	1.84	2.57	3.15	3.39	3.48	3.37	2.90	2.16	1.42	0.83	0.48	0.26	0.16	28.4	28.4
30	0.14	0.28	0.57	1.14	2.09	3.34	4.72	5.77	6.20	6.34	6.15	5.19	3.76	2.44	1.44	0.76	0.39	0.19	50.9	50.9
25	0.17	0.39	0.86	1.84	3.32	5.32	7.57	9.43	10.1	10.3	10.1	8.32	5.88	3.75	2.16	1.10	0.51	0.24	81.4	81.4
20	0.20	0.50	1.21	2.55	4.65	7.50	10.8	14.0	15.0	15.3	14.7	11.7	8.28	5.15	2.87	1.44	0.63	0.28	117	117
15	0.23	0.60	1.53	3.17	5.82	9.54	14.0	17.7	19.3	19.6	18.3	14.7	10.2	6.28	3.45	1.70	0.73	0.31	147	147
10	0.25	0.68	1.71	3.55	6.53	10.9	15.9	19.9	22.2	22.2	20.1	16.2	11.1	6.87	3.75	1.83	0.77	0.33	165	165
5	0.25	0.69	1.73	3.56	6.54	10.9	15.9	19.9	22.1	22.3	20.0	16.1	11.0	6.78	3.71	1.80	0.75	0.31	165	165
0	0.23	0.64	1.60	3.23	5.85	9.59	13.9	17.6	20.0	20.2	18.1	14.4	9.90	6.06	3.32	1.61	0.65	0.27	147	147
-5	0.19	0.52	1.34	2.66	4.72	7.59	10.9	14.0	16.7	16.9	14.5	11.3	7.87	4.86	2.66	1.28	0.51	0.22	119	119
-10	0.16	0.39	1.01	2.01	3.49	5.50	7.78	10.1	12.3	12.4	10.4	8.09	5.70	3.54	1.92	0.89	0.37	0.17	86.5	86.5
-15	0.12	0.26	0.64	1.39	2.36	3.64	5.12	6.76	8.07	8.13	6.94	5.32	3.74	2.33	1.26	0.53	0.23	0.13	57.0	57.0
-20	0.11	0.17	0.38	0.79	1.46	2.22	3.12	4.10	4.85	4.88	4.16	3.19	2.21	1.36	0.69	0.33	0.16	0.11	34.3	34.3
-25	0.09	0.13	0.23	0.44	0.74	1.18	1.74	2.24	2.62	2.62	2.23	1.70	1.12	0.68	0.39	0.20	0.13	0.10	18.6	18.6
-30	0.08	0.12	0.16	0.24	0.39	0.59	0.79	1.03	1.21	1.20	1.00	0.76	0.55	0.36	0.22	0.15	0.12	0.09	9.06	9.06
-35	0.07	0.10	0.13	0.17	0.22	0.28	0.35	0.41	0.45	0.45	0.40	0.33	0.26	0.21	0.17	0.14	0.11	0.08	4.30	4.30
-40	0.07	0.10	0.13	0.17	0.22	0.28	0.35	0.41	0.45	0.45	0.40	0.33	0.26	0.21	0.17	0.14	0.11	0.08	4.30	4.30
-45	0.07	0.10	0.13	0.17	0.22	0.28	0.35	0.41	0.45	0.45	0.40	0.33	0.26	0.21	0.17	0.14	0.11	0.08	4.30	4.30
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φ t	2.72	6.04	13.9	28.0	50.2	81.4	117	149	168	170	154	123	85.6	53.3	29.7	14.8	6.75	3.34	1301	
Φ a	2.72	6.04	13.9	28.0	50.2	81.4	117	149	168	170	154	123	85.6	53.3	29.7	14.8	6.75	3.34		1301

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

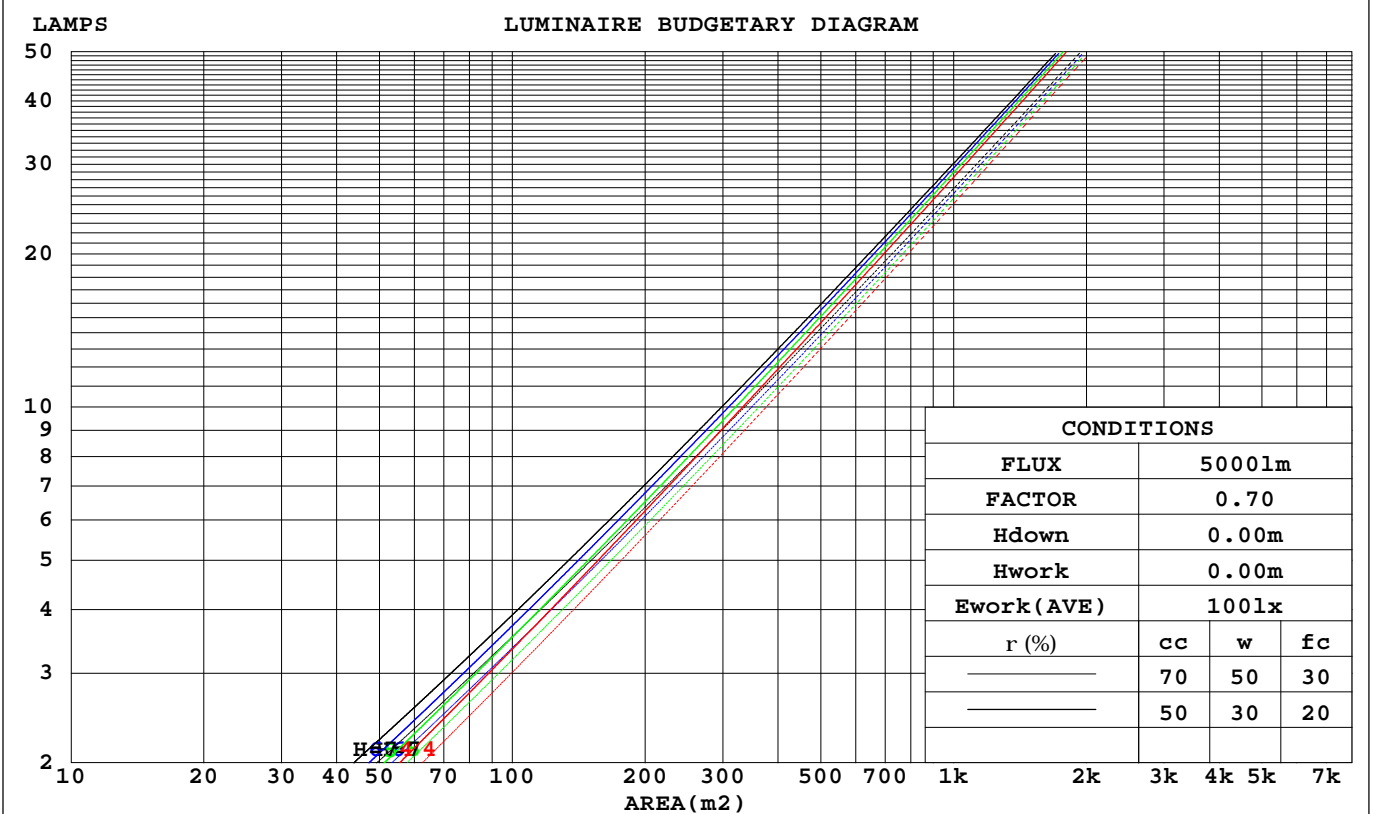
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-R15W-5CCT-4RR-SM-WH		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															
	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	.96	.96	.94
2.0	1.05	1.01	.98	1.03	.00	.97	.00	.97	.95	.96	.94	.92	.94	.92	.90	.89
3.0	.99	.94	.91	.97	.93	.90	.95	.91	.89	.92	.89	.87	.90	.88	.86	.84
4.0	.94	.89	.85	.92	.88	.85	.90	.86	.84	.88	.85	.82	.86	.84	.81	.80
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.84	.81	.78	.83	.80	.77	.76
6.0	.85	.80	.76	.84	.79	.76	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
7.0	.81	.76	.72	.80	.75	.72	.79	.75	.71	.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	.66	.63	.69	.65	.62	.68	.65	.62	.61



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-WH		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	.163	.092	.029	.156	.089	.028	.142	.082	.026	.130	.075	.024	.119	.069	.022	
2.0	.153	.084	.026	.147	.081	.025	.136	.075	.023	.126	.070	.022	.116	.066	.021	
3.0	.143	.076	.023	.138	.074	.022	.129	.070	.021	.121	.066	.020	.112	.062	.019	
4.0	.135	.070	.021	.131	.069	.020	.123	.065	.019	.116	.062	.019	.109	.059	.018	
5.0	.128	.065	.019	.125	.064	.019	.118	.061	.018	.111	.059	.017	.105	.056	.017	
6.0	.122	.061	.017	.119	.060	.017	.112	.058	.017	.107	.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	.099	.049	.014	.095	.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	.153	.142	.133	.104	.098	.092	.060	.057	.053	.019	.018	.017	
2.0	.162	.141	.123	.139	.121	.106	.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	.118	.092	.073	.081	.064	.051	.047	.038	.030	.015	.012	.010	
5.0	.128	.095	.071	.110	.082	.062	.076	.057	.043	.044	.034	.026	.014	.011	.009	
6.0	.120	.085	.061	.103	.074	.053	.071	.052	.037	.041	.030	.022	.013	.010	.007	
7.0	.113	.078	.053	.097	.067	.046	.067	.047	.033	.039	.028	.019	.013	.009	.006	
8.0	.107	.071	.047	.092	.062	.041	.063	.043	.029	.037	.026	.017	.012	.008	.006	
9.0	.101	.066	.042	.087	.057	.036	.060	.040	.026	.035	.024	.015	.011	.008	.005	
10.0	.097	.061	.038	.083	.053	.033	.058	.037	.023	.034	.022	.014	.011	.007	.005	

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

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-WH					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	14.0	14.9	14.3	15.0	15.2	15.3	16.1	15.6	16.3	16.5
3H	14.1	14.9	14.4	15.1	15.3	15.3	16.1	15.6	16.3	16.5
4H	14.2	14.9	14.5	15.2	15.4	15.3	16.0	15.6	16.2	16.5
6H	14.4	15.0	14.7	15.3	15.6	15.3	15.9	15.6	16.2	16.4
8H	14.5	15.1	14.8	15.4	15.7	15.2	15.9	15.6	16.1	16.4
12H	14.6	15.2	15.0	15.5	15.8	15.2	15.8	15.5	16.1	16.4
4H 2H	14.0	14.7	14.3	14.9	15.1	15.2	15.9	15.5	16.1	16.4
3H	14.1	14.7	14.4	15.0	15.3	15.3	15.9	15.6	16.2	16.5
4H	14.2	14.8	14.6	15.1	15.4	15.3	15.9	15.7	16.2	16.5
6H	14.4	14.9	14.8	15.2	15.6	15.3	15.8	15.7	16.2	16.6
8H	14.6	15.0	15.0	15.4	15.8	15.4	15.8	15.8	16.2	16.6
12H	14.8	15.2	15.2	15.6	16.0	15.4	15.8	15.8	16.2	16.6
8H 4H	14.1	14.6	14.6	15.0	15.4	15.2	15.7	15.6	16.1	16.5
6H	14.4	14.8	14.8	15.2	15.6	15.4	15.8	15.8	16.2	16.6
8H	14.6	14.9	15.0	15.3	15.8	15.5	15.8	16.0	16.3	16.7
12H	14.9	15.2	15.4	15.6	16.1	15.6	15.9	16.1	16.4	16.8
12H 4H	14.1	14.6	14.6	14.9	15.4	15.2	15.6	15.6	16.0	16.4
6H	14.4	14.7	14.8	15.2	15.6	15.4	15.7	15.8	16.1	16.6
8H	14.6	14.9	15.1	15.3	15.8	15.5	15.8	16.0	16.3	16.8
Variations with the observer position at spacings:										
S = 1.0H	+ 2.7 / - 2.0					+ 3.5 / - 3.0				
1.5H	+ 4.5 / - 2.1					+ 5.6 / - 2.9				
2.0H	+ 2.0 / - 1.5					+ 1.0 / - 1.6				

CIE Pub.117 Corrected 1301 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.9)

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-WH		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	88	82	78	88	82	78	87	81	78	75
0.80	95	90	86	95	89	86	93	89	85	82
1.00	99	94	90	99	94	90	97	93	90	86
1.25	103	98	95	102	98	94	100	96	94	89
1.50	106	101	98	105	100	97	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	112	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	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

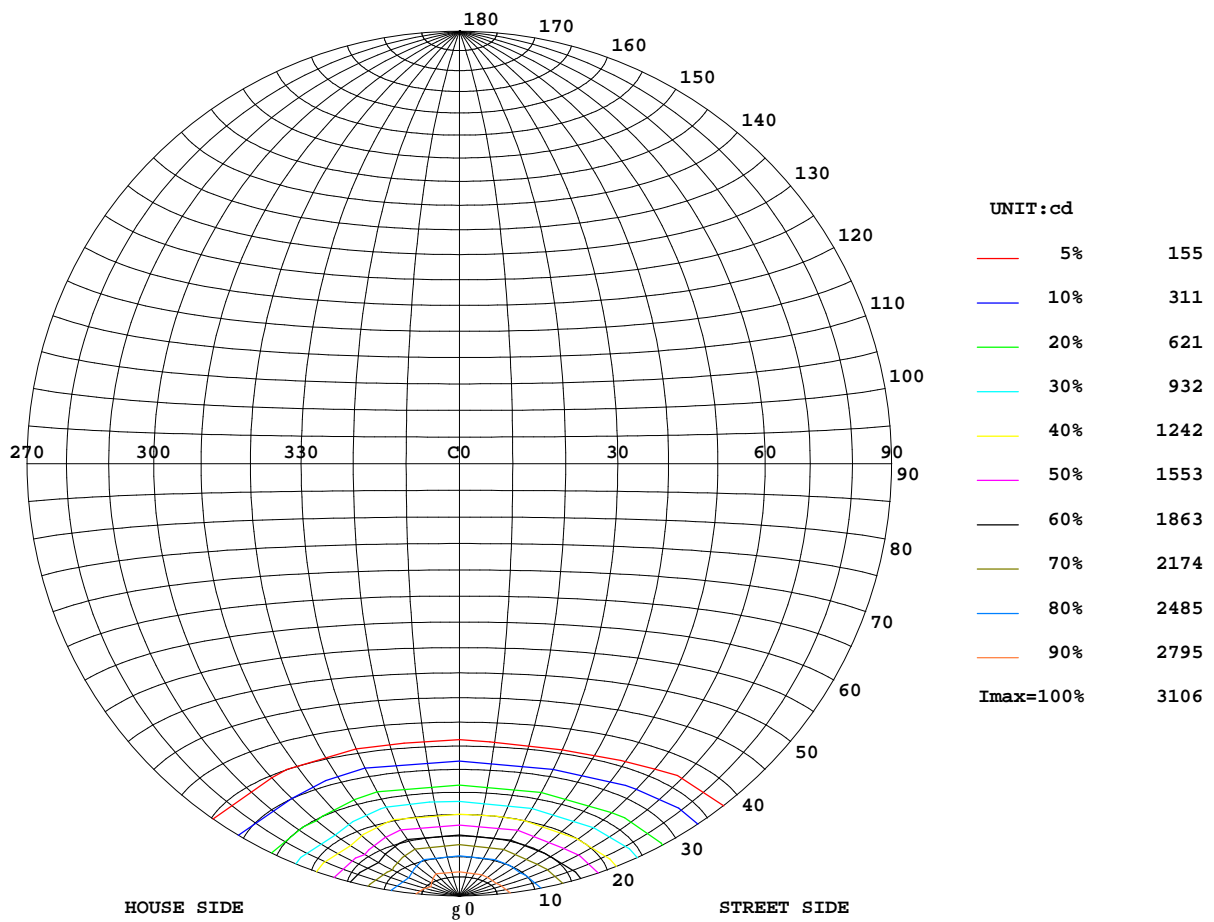
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/02

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-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



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

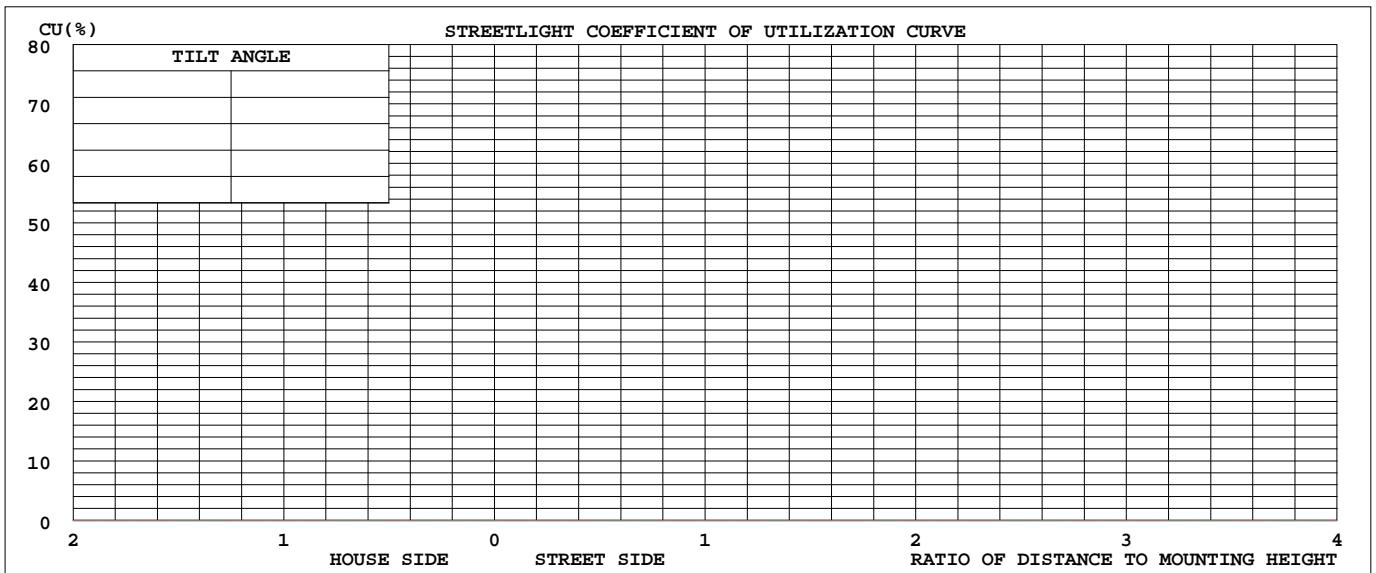
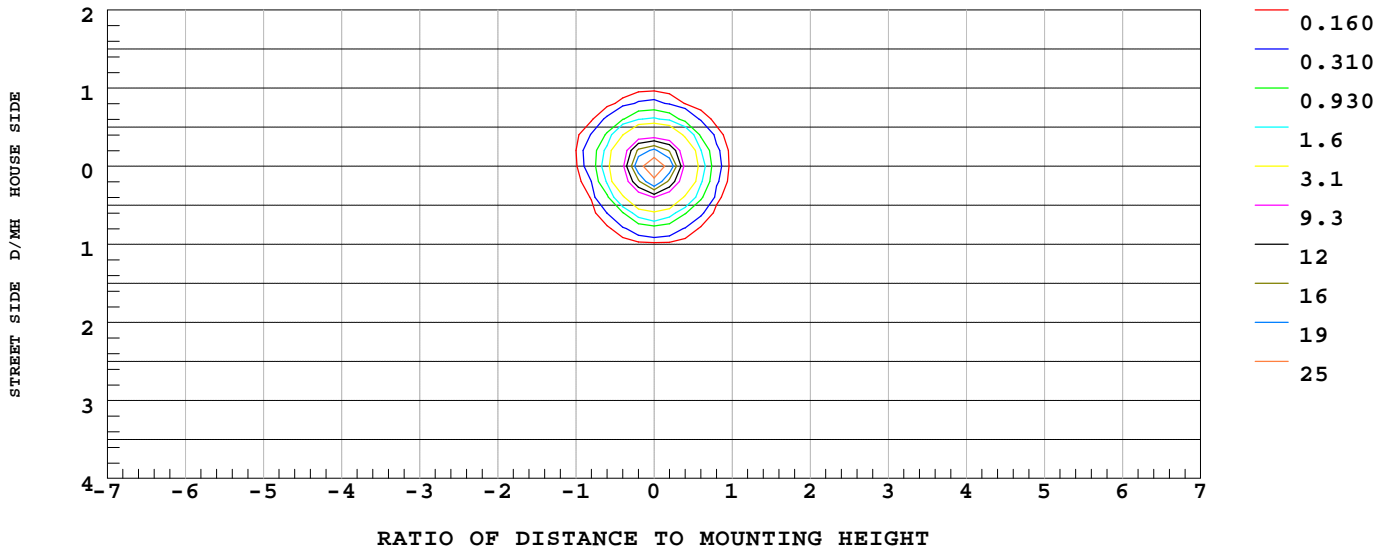
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

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

ILLUMINANCE AT MH=10 m, Enadir = 31.06 lx



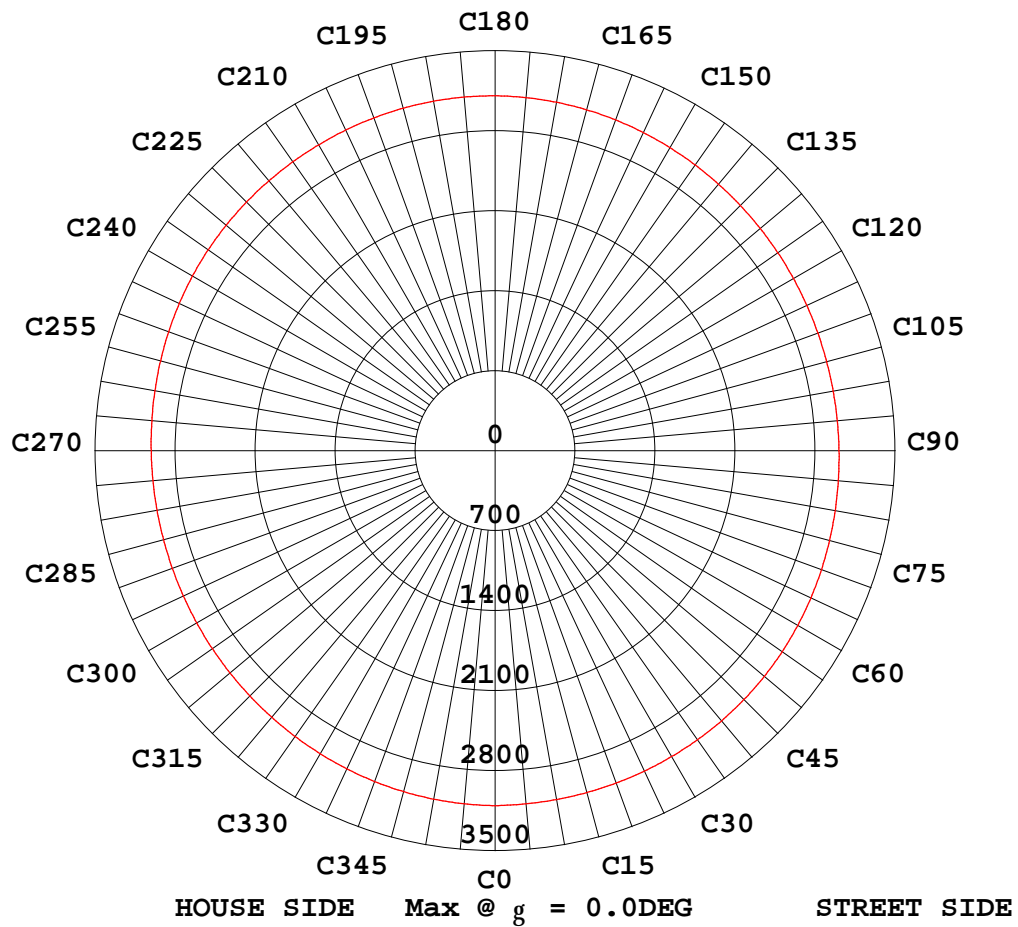
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/02

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-WH		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-WH		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	3106	3091	3059	3010	3015	3062	3106	3091	3059	3010	3015	3062
5.0	2897	2896	2861	2918	2819	2852	2902	2860	2857	2749	2874	2891
10.0	2508	2509	2463	2568	2408	2454	2497	2442	2411	2265	2510	2518
15.0	1893	1893	1858	2041	1787	1821	1877	1830	1814	1626	1924	1933
20.0	1248	1238	1242	1391	1188	1200	1209	1185	1159	1047	1265	1297
25.0	745	733	759	871	727	709	709	701	678	603	748	784
30.0	401	390	417	489	406	392	381	373	347	311	399	430
35.0	190	195	197	247	206	200	192	172	138	144	195	214
40.0	85.7	62.1	86.3	94.6	93.9	75.8	68.9	74.7	52.7	63.3	72.4	102
45.0	38.1	25.4	37.1	34.6	40.1	28.9	27.4	32.3	22.6	30.9	28.9	44.4
50.0	26.0	18.1	25.6	19.4	25.9	17.9	16.8	22.4	15.8	21.5	17.4	26.2
55.0	20.5	14.0	21.3	15.6	19.7	13.1	12.7	18.2	12.9	15.2	14.0	21.2
60.0	14.2	8.66	14.9	9.85	12.3	7.55	7.76	12.9	8.21	11.3	9.15	15.2
65.0	10.4	5.81	11.2	6.50	9.57	5.49	5.98	10.2	6.02	7.76	6.43	11.3
70.0	6.89	2.99	6.78	3.13	6.54	2.99	3.51	7.10	3.13	6.26	3.48	7.55
75.0	5.53	2.19	5.43	2.36	5.43	2.19	2.74	5.88	2.29	4.97	2.57	6.09
80.0	4.35	1.46	4.31	1.56	4.31	1.42	1.91	4.76	1.60	3.86	1.81	4.97
85.0	3.44	0.94	3.44	0.97	3.44	0.87	1.35	3.82	1.18	3.30	1.28	3.96
90.0	2.99	0.73	2.92	0.73	2.92	0.73	1.14	3.13	0.91	3.06	0.91	3.23
95.0	2.78	0.77	2.71	0.73	2.71	0.73	1.18	2.92	0.94	2.85	0.91	2.95
100.0	2.61	0.80	2.54	0.77	2.54	0.77	1.21	2.71	0.94	2.68	0.91	2.78
105.0	2.47	0.80	2.40	0.77	2.40	0.80	1.21	2.57	0.94	2.50	0.94	2.57
110.0	2.36	0.87	2.26	0.84	2.26	0.84	1.21	2.40	0.94	2.36	0.94	2.43
115.0	2.26	0.91	2.15	0.87	2.15	0.87	1.21	2.26	0.94	2.22	0.94	2.29
120.0	2.15	0.94	2.08	0.91	2.08	0.94	1.25	2.15	0.97	2.12	0.94	2.19
125.0	2.12	1.00	2.01	0.97	2.05	1.00	1.32	2.08	1.00	2.05	1.00	2.12
130.0	2.12	1.18	2.05	1.11	2.05	1.18	1.42	2.08	1.14	2.08	1.14	2.08
135.0	2.26	1.42	2.15	1.32	2.19	1.42	1.67	2.15	1.35	2.22	1.35	2.22
140.0	2.54	1.81	2.40	1.63	2.47	1.81	2.05	2.40	1.74	2.50	1.70	2.43
145.0	2.99	2.36	2.85	2.15	2.92	2.40	2.61	2.81	2.26	2.99	2.22	2.85
150.0	3.62	3.13	3.44	2.81	3.55	3.13	3.34	3.44	2.95	3.58	2.92	3.44
155.0	4.42	3.96	4.21	3.62	4.28	3.96	4.24	4.21	3.82	4.35	3.72	4.21
160.0	5.22	4.83	5.01	4.49	5.04	4.83	5.15	5.01	4.66	5.22	4.59	5.01
165.0	6.05	5.67	5.81	5.32	5.77	5.67	6.05	5.84	5.49	6.05	5.43	5.81
170.0	6.75	6.33	6.47	6.05	6.40	6.30	6.82	6.54	6.19	6.71	6.12	6.47
175.0	7.31	6.82	6.92	6.61	6.57	6.96	7.37	7.06	6.71	7.13	6.57	6.96
180.0	7.58	7.20	6.85	7.20	6.75	7.20	7.58	7.20	6.85	7.20	6.75	7.20

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: