

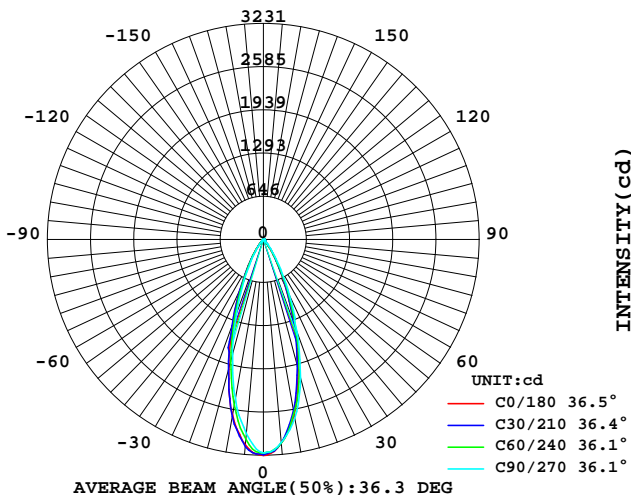
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

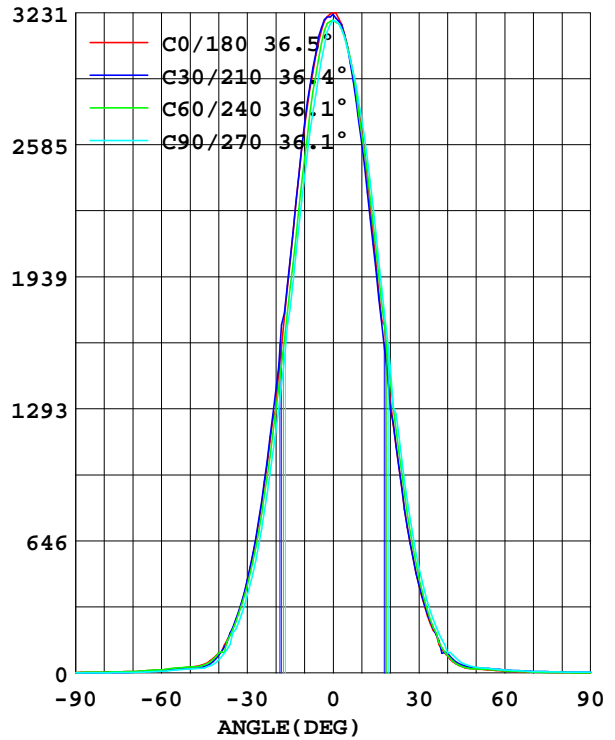
MANUFACTURER:			
Address:			
NAME: JXL-COB04-R15W-5CCT-4RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	3231	S/MH(C0/180)	0.59
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.54
NOMINAL POWER(W)	15	TOTAL FLUX(lm)	1417.4	Voltage(V)	120.5
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	98.0	Current(A)	0.121
NOMINAL FLUX(lm)	1417.4	h up(%)	1.0	Power(W)	14.47
LAMPS QUANTITY	1	h down(%)	99.0	Power Factor(PF)	0.986
TEST VOLTAGE(V)	120.6	Effective Flux(lm)	1417.4	EEL	0.139

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



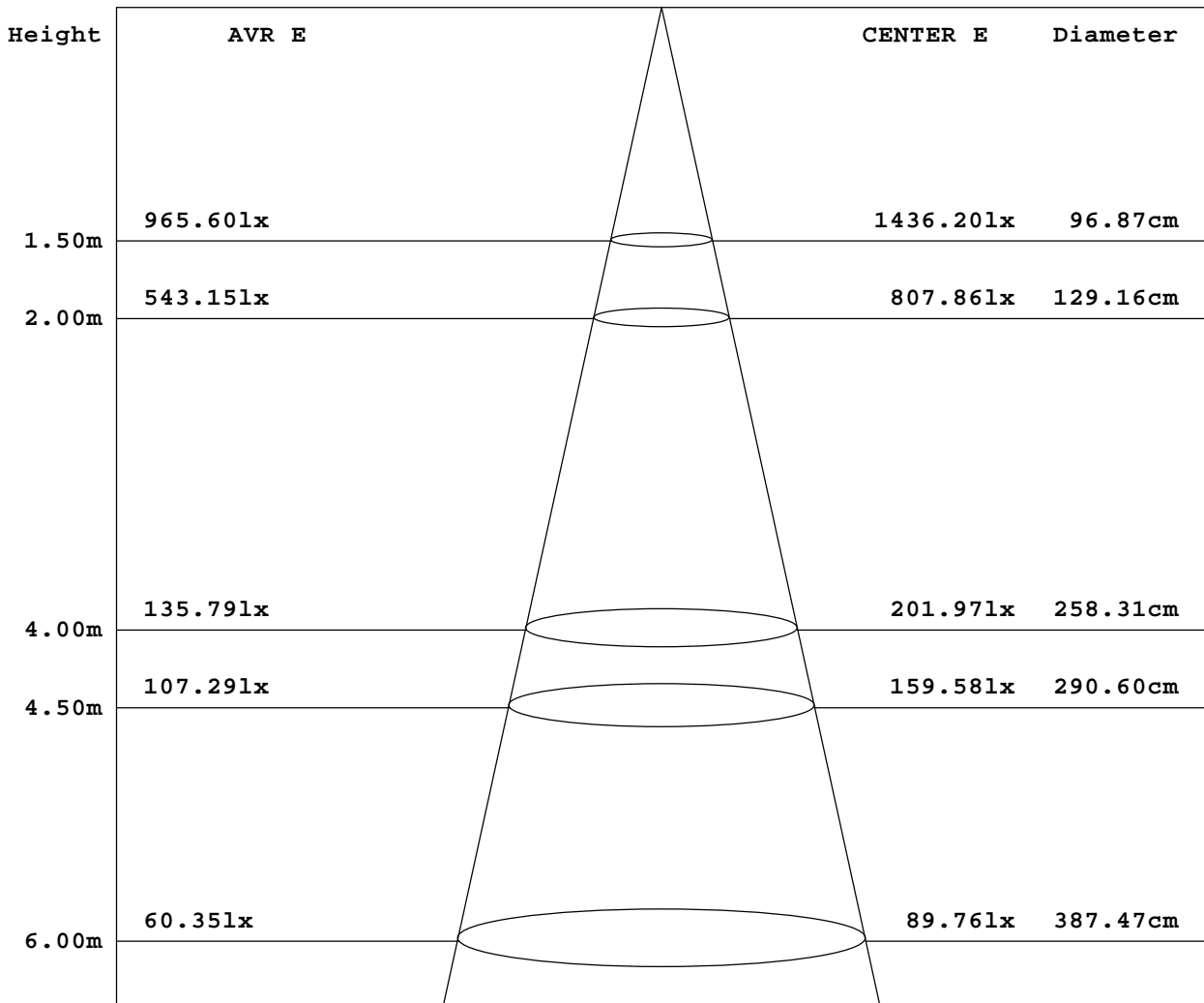
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/02

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): 4000	DIMENSION:	SERIAL No.:



Angle: 35.8deg

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): 4000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tStal
5.0	3087	3061	2919	3033	3064	3065	3053	3022	0- 5	74.76	74.76
10.0	2673	2603	2425	2627	2665	2621	2714	2617	5- 10	201.8	276.6
15.0	2013	1956	1783	1987	2005	2025	2149	1994	10- 15	272.2	548.8
20.0	1288	1332	1178	1342	1332	1356	1494	1327	15- 20	272.0	820.9
25.0	825.6	809.9	705.6	828.2	801.6	838.0	939.6	784.7	20- 25	222.1	1043
30.0	451.0	441.4	381.1	457.1	430.8	449.8	518.9	415.5	25- 30	154.7	1198
35.0	218.7	218.8	196.7	225.9	207.6	220.2	261.7	194.2	30- 35	93.28	1291
40.0	98.54	90.45	63.21	93.56	81.59	91.41	97.53	80.68	35- 40	46.86	1338
45.0	43.23	36.06	24.95	38.16	31.95	35.64	49.95	35.40	40- 45	21.49	1360
50.0	28.68	25.62	20.25	23.14	19.35	22.73	27.56	22.06	45- 50	11.44	1371
55.0	22.52	20.22	14.37	17.57	14.55	18.72	21.19	17.82	50- 55	9.163	1380
60.0	15.45	12.77	8.493	10.99	8.702	12.63	14.13	12.23	55- 60	7.035	1387
65.0	11.31	9.242	4.768	8.319	6.683	9.450	10.65	9.050	60- 65	5.029	1392
70.0	7.240	5.047	2.889	5.134	3.829	5.778	7.414	5.569	65- 70	3.500	1396
75.0	5.778	3.950	2.018	4.090	2.924	4.490	5.987	4.420	70- 75	2.489	1398
80.0	4.525	2.924	1.253	3.045	2.018	3.446	4.664	3.411	75- 80	1.971	1400
85.0	3.515	2.193	0.766	2.227	1.357	2.645	3.620	2.610	80- 85	1.496	1402
90.0	3.028	1.827	0.731	1.827	1.183	2.088	3.237	2.053	85- 90	1.185	1403
95.0	2.819	1.757	0.766	1.740	1.183	1.949	2.993	1.931	90- 95	1.053	1404
100.0	2.645	1.688	0.766	1.653	1.218	1.879	2.819	1.844	95-100	0.998	1405
105.0	2.506	1.618	0.801	1.601	1.218	1.792	2.645	1.757	100-105	0.942	1406
110.0	2.367	1.583	0.835	1.549	1.218	1.723	2.471	1.688	105-110	0.886	1407
115.0	2.262	1.549	0.905	1.514	1.218	1.653	2.332	1.618	110-115	0.831	1408
120.0	2.193	1.549	0.975	1.514	1.253	1.601	2.227	1.566	115-120	0.778	1408
125.0	2.158	1.566	1.044	1.531	1.322	1.583	2.123	1.583	120-125	0.735	1409
130.0	2.193	1.670	1.253	1.636	1.462	1.670	2.123	1.653	125-130	0.712	1410
135.0	2.332	1.897	1.566	1.827	1.740	1.827	2.193	1.844	130-135	0.718	1410
140.0	2.645	2.280	2.018	2.175	2.158	2.158	2.436	2.175	135-140	0.757	1411
145.0	3.132	2.854	2.715	2.715	2.749	2.680	2.819	2.715	140-145	0.830	1412
150.0	3.829	3.585	3.515	3.428	3.550	3.341	3.411	3.428	145-150	0.917	1413
155.0	4.664	4.455	4.386	4.264	4.455	4.194	4.177	4.299	150-155	0.986	1414
160.0	5.534	5.325	5.291	5.151	5.430	5.099	5.012	5.204	155-160	1.000	1415
165.0	6.439	6.196	6.126	6.004	6.405	5.969	5.917	6.056	160-165	0.933	1416
170.0	7.205	6.874	6.822	6.718	7.205	6.735	6.753	6.770	165-170	0.768	1417
175.0	7.762	7.362	7.344	7.257	7.832	7.292	7.379	7.257	170-175	0.509	1417
180.0	8.075	7.501	7.693	7.431	8.075	7.501	7.693	7.431	175-180	0.179	1417
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:

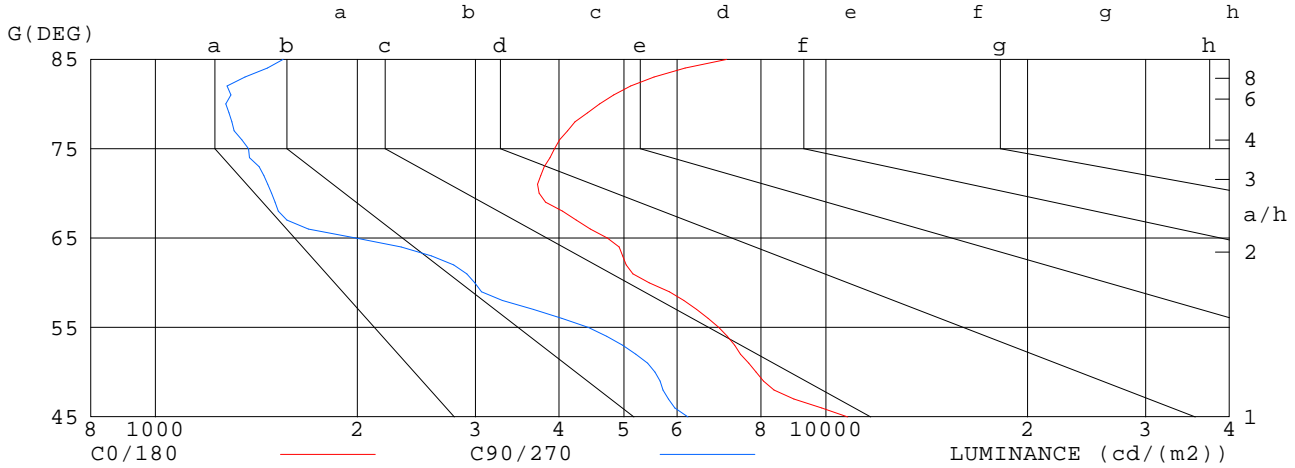
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-R15W-5CCT-4RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 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



G (DEG)	LUMINANCE cd/m2	
	C0/180	C90/270
85	7115	1550
80	4596	1273
75	3938	1376
70	3734	1490
65	4721	1990
60	5452	2996
55	6925	4421
50	7870	5559
45	10783	6225

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

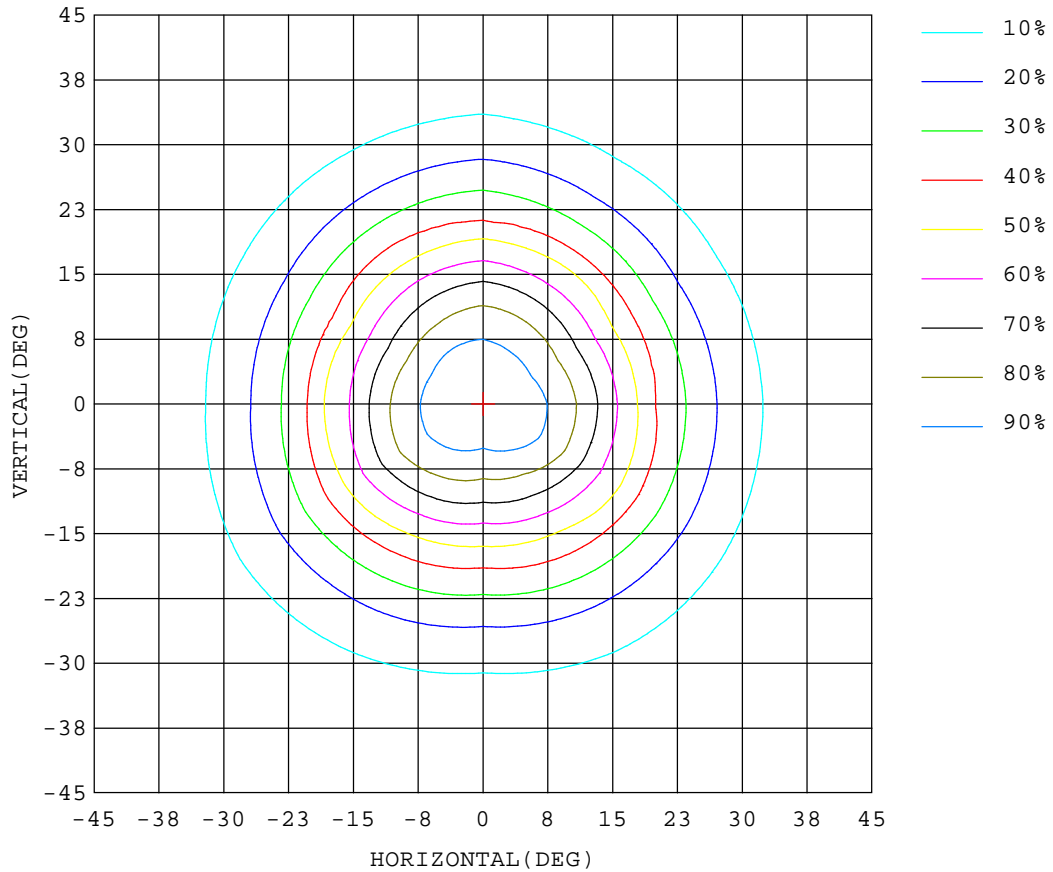
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-R15W-5CCT-4RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

UNIT: cd



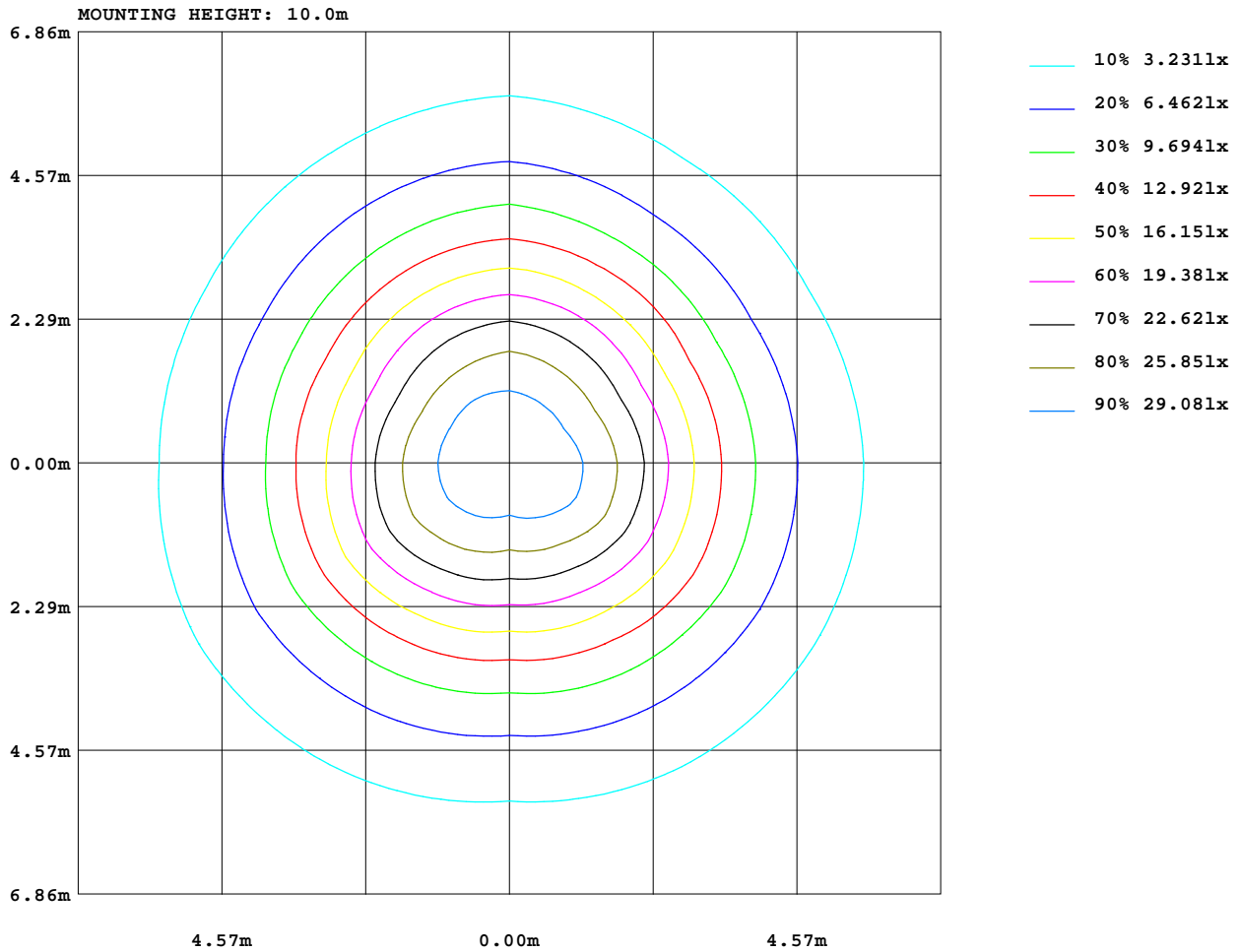
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/02/02

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-R15W-5CCT-4RR-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-R15W-5CCT-4RR-SM-WH		TYPE:	
SPECIFICATION:		SERIAL No.:	
CCT(K): 4000		DIMENSION:	

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm	Φ t	Φ a
	0.10	0.12	0.14	0.15	0.18	0.25	0.37	0.48	0.57	0.57	0.47	0.35	0.24	0.17	0.15	0.13	0.12	0.10	4.65	4.65
45	0.12	0.14	0.17	0.23	0.36	0.56	0.83	1.10	1.31	1.28	1.03	0.76	0.49	0.33	0.23	0.17	0.14	0.12	9.38	9.38
40	0.14	0.17	0.26	0.46	0.77	1.27	1.88	2.42	2.78	2.75	2.31	1.70	1.08	0.67	0.42	0.26	0.17	0.14	19.6	19.6
35	0.15	0.24	0.46	0.84	1.58	2.49	3.57	4.59	5.28	5.21	4.41	3.33	2.26	1.38	0.75	0.43	0.24	0.16	37.4	37.4
30	0.17	0.35	0.70	1.49	2.64	4.22	6.10	7.80	8.85	8.75	7.52	5.71	3.93	2.42	1.32	0.66	0.35	0.19	63.2	63.2
25	0.20	0.48	1.08	2.20	3.93	6.40	9.20	11.7	13.4	13.3	11.5	8.81	6.03	3.69	2.02	1.00	0.48	0.23	96.0	96.0
20	0.24	0.60	1.48	2.95	5.32	8.59	12.4	15.9	18.1	18.1	15.7	12.1	8.28	5.08	2.83	1.41	0.63	0.29	130	130
15	0.28	0.74	1.78	3.62	6.59	10.5	15.0	19.1	21.6	21.4	19.0	14.8	10.3	6.47	3.59	1.77	0.78	0.34	158	158
10	0.29	0.82	1.95	4.01	7.32	11.9	16.9	21.2	23.6	23.5	21.1	16.9	11.7	7.36	4.09	2.02	0.88	0.37	176	176
5	0.29	0.84	1.98	4.07	7.41	12.1	17.3	21.4	23.4	23.6	21.5	17.2	11.9	7.48	4.16	2.05	0.89	0.37	178	178
0	0.27	0.78	1.86	3.78	6.83	11.0	15.6	19.1	20.5	20.4	18.9	15.3	10.9	6.81	3.77	1.87	0.80	0.32	159	159
-5	0.23	0.64	1.59	3.19	5.68	8.88	12.2	14.8	16.0	16.0	14.6	12.1	8.75	5.55	3.09	1.54	0.65	0.26	126	126
-10	0.19	0.47	1.22	2.41	4.16	6.33	8.59	10.4	11.2	11.2	10.3	8.52	6.21	4.00	2.29	1.13	0.47	0.20	89.5	89.5
-15	0.14	0.32	0.79	1.61	2.72	4.10	5.52	6.63	7.11	7.10	6.57	5.43	3.99	2.62	1.52	0.71	0.30	0.16	57.4	57.4
-20	0.12	0.21	0.45	0.91	1.60	2.40	3.20	3.80	4.05	4.03	3.76	3.16	2.36	1.55	0.85	0.42	0.19	0.13	33.2	33.2
-25	0.10	0.15	0.26	0.48	0.79	1.20	1.65	1.96	2.09	2.08	1.96	1.65	1.20	0.77	0.46	0.24	0.15	0.12	17.3	17.3
-30	0.09	0.12	0.17	0.26	0.41	0.58	0.69	0.81	0.86	0.86	0.81	0.69	0.57	0.40	0.25	0.18	0.14	0.10	7.99	7.99
-35	0.08	0.11	0.14	0.18	0.23	0.27	0.31	0.34	0.33	0.32	0.33	0.31	0.27	0.23	0.19	0.16	0.12	0.09	4.00	4.00
-40	0.08	0.11	0.14	0.18	0.23	0.27	0.31	0.34	0.33	0.32	0.33	0.31	0.27	0.23	0.19	0.16	0.12	0.09	4.00	4.00
-45	0.08	0.11	0.14	0.18	0.23	0.27	0.31	0.34	0.33	0.32	0.33	0.31	0.27	0.23	0.19	0.16	0.12	0.09	4.00	4.00
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)	10	15	20	25	30	35	40	45			
Φ t	3.20	7.28	16.5	32.9	58.5	93.3	132	164	182	181	162	129	90.7	57.0	32.0	16.1	7.49	3.67	1417	
Φ a	3.20	7.28	16.5	32.9	58.5	93.3	132	164	182	181	162	129	90.7	57.0	32.0	16.1	7.49	3.67		1417

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

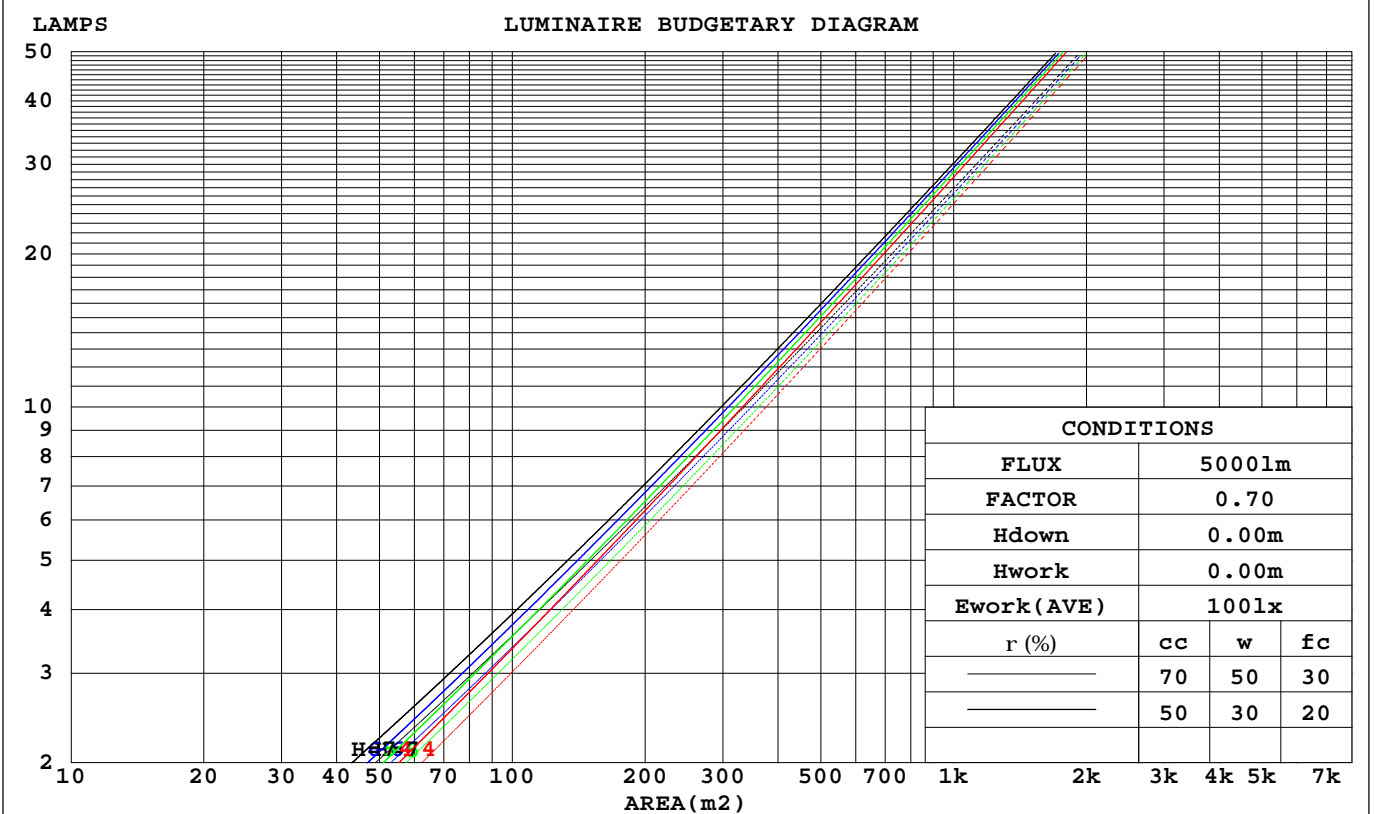
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-R15W-5CCT-4RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 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	.00	.99	.97	.96	.96	.94
2.0	1.05	1.01	.98	1.03	.00	.97	.99	.97	.95	.96	.94	.92	.94	.92	.90	.89
3.0	.99	.94	.91	.97	.93	.90	.95	.91	.88	.92	.89	.87	.90	.88	.86	.84
4.0	.93	.89	.85	.92	.88	.84	.90	.86	.83	.88	.85	.82	.86	.83	.81	.80
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.84	.81	.78	.83	.80	.77	.76
6.0	.84	.79	.76	.84	.79	.75	.82	.78	.75	.81	.77	.74	.79	.76	.74	.72
7.0	.81	.75	.72	.80	.75	.72	.79	.74	.71	.77	.74	.71	.76	.73	.70	.69
8.0	.77	.72	.68	.76	.72	.68	.75	.71	.68	.74	.70	.68	.73	.70	.67	.66
9.0	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.71	.67	.64	.63
10.0	.71	.66	.62	.70	.66	.62	.69	.65	.62	.69	.65	.62	.68	.64	.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): 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	.163	.093	.029	.156	.089	.028	.143	.082	.026	.131	.076	.024	.120	.070	.022	
2.0	.153	.084	.026	.148	.081	.025	.137	.076	.024	.126	.071	.022	.117	.066	.021	
3.0	.144	.077	.023	.139	.075	.022	.130	.070	.021	.121	.067	.020	.113	.063	.019	
4.0	.136	.071	.021	.132	.069	.020	.124	.066	.020	.117	.063	.019	.110	.060	.018	
5.0	.129	.066	.019	.125	.064	.019	.118	.062	.018	.112	.059	.018	.106	.057	.017	
6.0	.123	.061	.018	.119	.060	.017	.113	.058	.017	.108	.056	.016	.102	.054	.016	
7.0	.117	.058	.016	.114	.057	.016	.109	.055	.016	.104	.053	.015	.099	.051	.015	
8.0	.112	.055	.015	.109	.054	.015	.104	.052	.015	.100	.051	.015	.096	.049	.014	
9.0	.107	.052	.014	.105	.051	.014	.100	.050	.014	.096	.048	.014	.092	.047	.014	
10.0	.102	.049	.014	.100	.049	.014	.097	.047	.013	.093	.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	.198	.198	.198	.169	.169	.169	.116	.116	.116	.066	.066	.066	.021	.021	.021	
1.0	.178	.165	.154	.152	.142	.132	.104	.098	.092	.060	.056	.053	.019	.018	.017	
2.0	.162	.141	.123	.139	.121	.106	.095	.084	.074	.055	.049	.043	.018	.016	.014	
3.0	.148	.121	.100	.127	.105	.087	.087	.073	.061	.050	.042	.036	.016	.014	.012	
4.0	.137	.106	.083	.118	.092	.072	.081	.064	.051	.047	.038	.030	.015	.012	.010	
5.0	.128	.095	.070	.110	.082	.061	.075	.057	.043	.044	.034	.026	.014	.011	.008	
6.0	.119	.085	.060	.103	.074	.053	.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	.061	.040	.063	.043	.029	.037	.025	.017	.012	.008	.006	
9.0	.101	.065	.041	.087	.057	.036	.060	.040	.026	.035	.024	.015	.011	.008	.005	
10.0	.097	.061	.037	.083	.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-R15W-5CCT-4RR-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	14.9	15.7	15.2	15.9	16.1	14.7	15.5	14.9	15.7	15.9
3H	15.0	15.7	15.2	15.9	16.2	14.7	15.4	14.9	15.6	15.8
4H	15.0	15.7	15.3	16.0	16.2	14.6	15.3	14.9	15.6	15.8
6H	15.1	15.8	15.4	16.0	16.3	14.6	15.3	14.9	15.5	15.8
8H	15.2	15.8	15.5	16.1	16.4	14.6	15.2	14.9	15.5	15.8
12H	15.3	15.9	15.6	16.2	16.5	14.5	15.2	14.9	15.4	15.7
4H 2H	14.8	15.5	15.1	15.8	16.0	14.6	15.3	14.9	15.6	15.8
3H	14.9	15.5	15.2	15.8	16.1	14.7	15.3	15.0	15.6	15.9
4H	15.0	15.5	15.3	15.8	16.2	14.7	15.3	15.1	15.6	15.9
6H	15.1	15.6	15.5	16.0	16.3	14.7	15.2	15.1	15.6	16.0
8H	15.2	15.7	15.6	16.1	16.4	14.7	15.2	15.2	15.6	16.0
12H	15.4	15.8	15.8	16.2	16.6	14.7	15.2	15.2	15.6	16.0
8H 4H	14.9	15.4	15.3	15.7	16.1	14.7	15.1	15.1	15.5	15.9
6H	15.1	15.4	15.5	15.8	16.3	14.8	15.2	15.3	15.6	16.0
8H	15.2	15.5	15.7	16.0	16.4	14.9	15.3	15.4	15.7	16.1
12H	15.5	15.7	15.9	16.2	16.7	15.0	15.3	15.5	15.8	16.3
12H 4H	14.9	15.3	15.3	15.7	16.1	14.6	15.0	15.0	15.4	15.8
6H	15.1	15.4	15.5	15.8	16.3	14.8	15.1	15.3	15.6	16.0
8H	15.2	15.5	15.7	16.0	16.4	15.0	15.2	15.4	15.7	16.2
Variations with the observer position at spacings:										
S = 1.0H	+ 2.7 / - 2.2					+ 1.6 / - 2.2				
1.5H	+ 4.6 / - 2.2					+ 3.0 / - 2.1				
2.0H	+ 2.1 / - 1.5					+ 0.8 / - 1.9				

CIE Pub.117 Corrected 1417 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-R15W-5CCT-4RR-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	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	103	100	94
3.00	112	108	106	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			

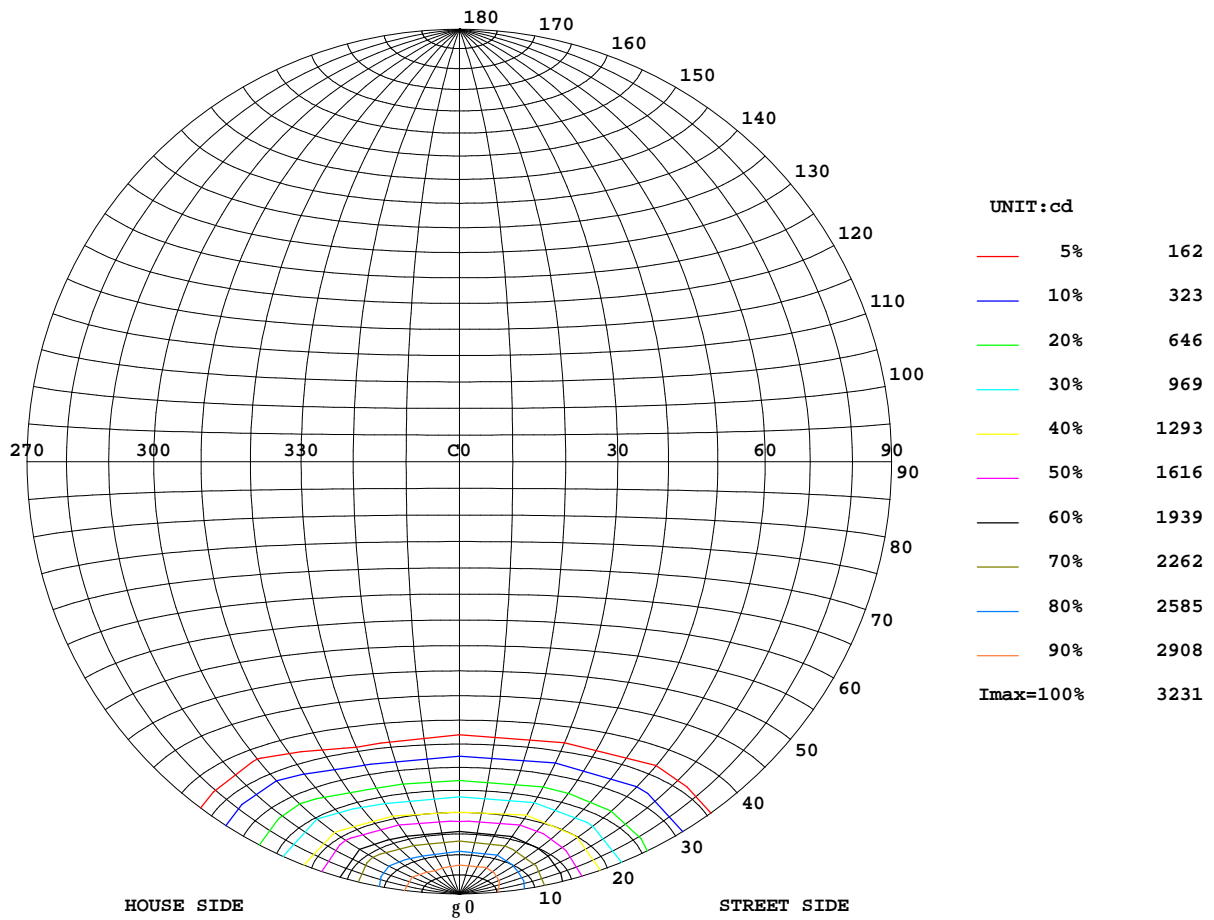
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/02

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): 4000	DIMENSION:	SERIAL No.:



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

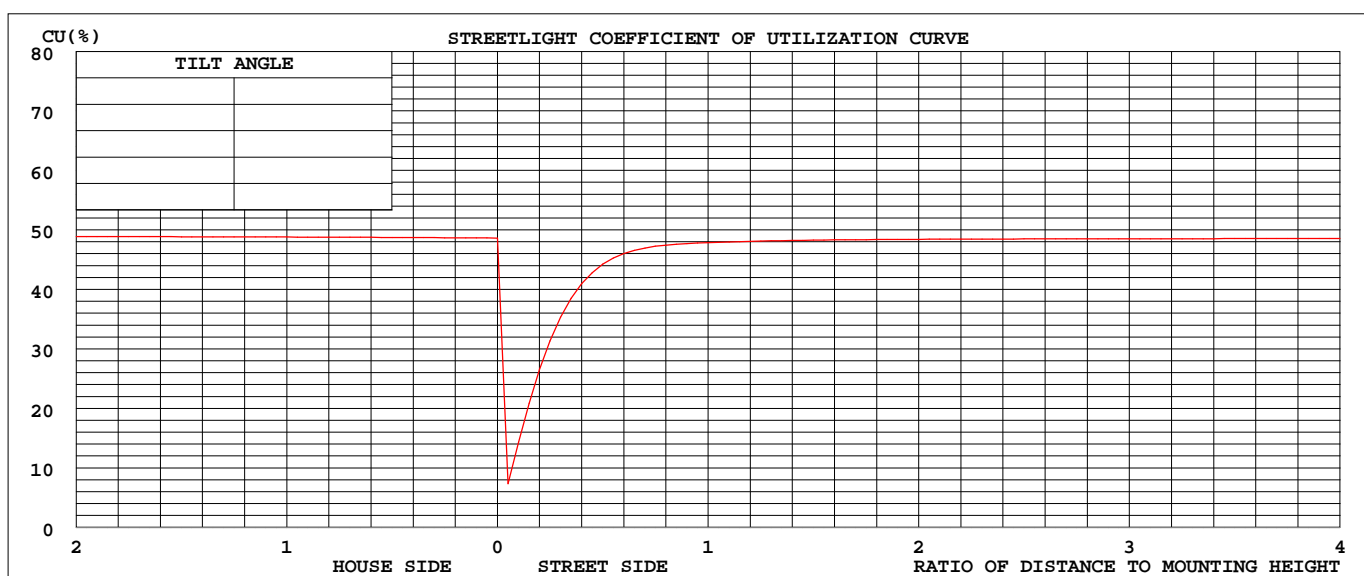
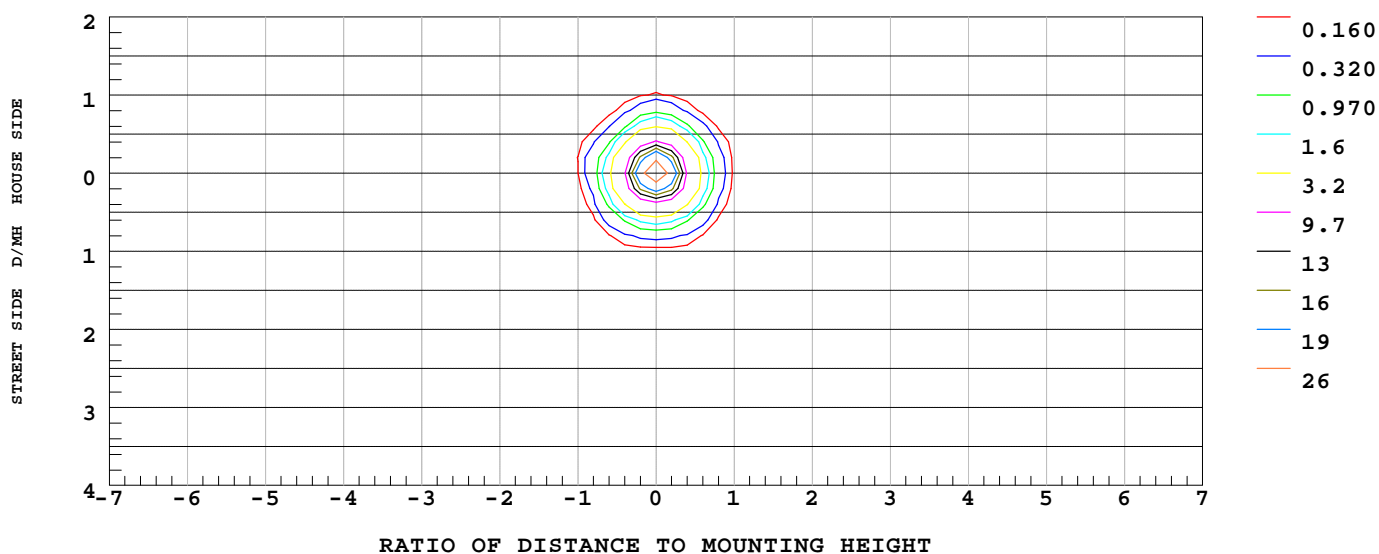
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-R15W-5CCT-4RR-SM-WH		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 32.31 lx



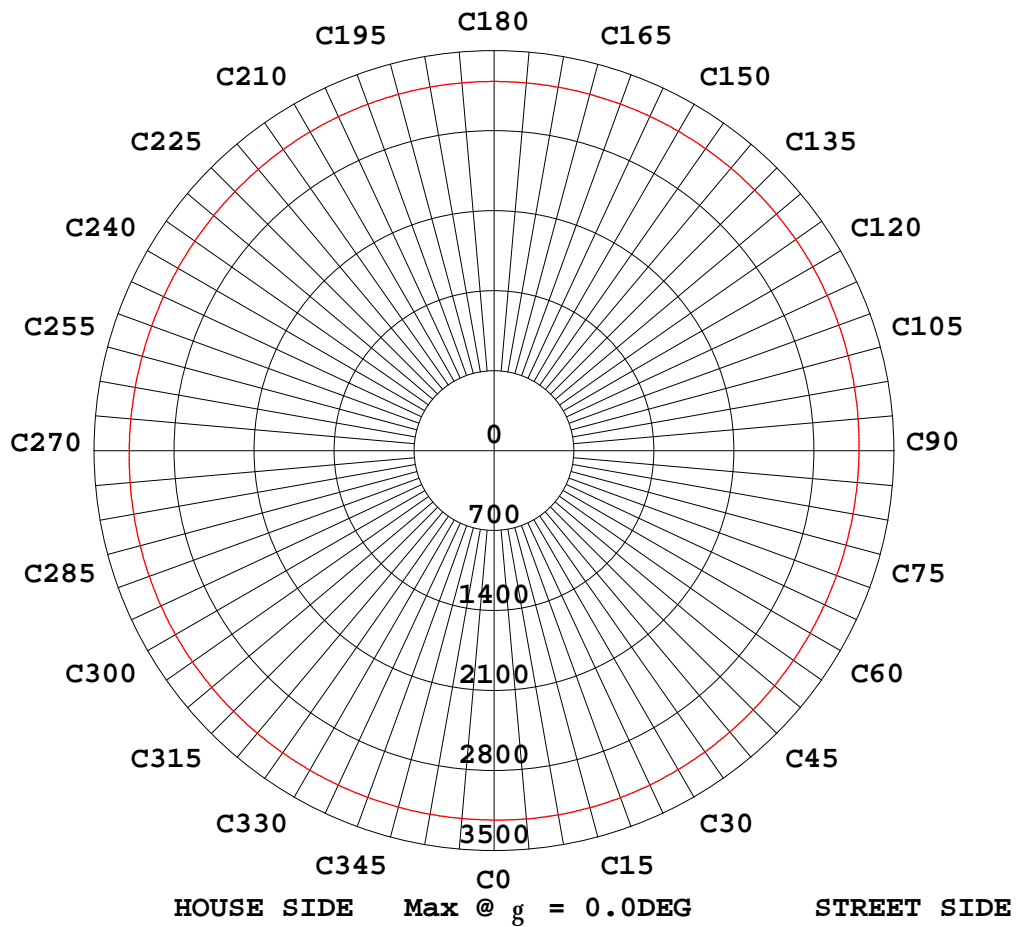
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/02

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): 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-R15W-5CCT-4RR-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	3231	3223	3194	3194	3221	3227	3231	3223	3194	3194	3221	3227
5.0	3087	3115	3007	2919	2999	3068	3064	3065	3065	3053	3028	3016
10.0	2673	2689	2517	2425	2553	2700	2665	2600	2643	2714	2648	2586
15.0	2013	2024	1889	1783	1899	2074	2005	1972	2078	2149	2053	1935
20.0	1288	1380	1284	1178	1281	1404	1332	1288	1425	1494	1359	1294
25.0	826	841	779	706	792	865	802	799	877	940	811	759
30.0	451	456	427	381	437	478	431	433	467	519	430	401
35.0	219	223	214	197	213	238	208	218	223	262	196	192
40.0	98.5	85.0	95.9	63.2	95.3	91.7	81.5	97.2	85.5	97.5	73.1	88.2
45.0	43.2	31.6	40.4	24.9	41.3	35.0	31.9	39.5	31.7	49.9	29.8	40.9
50.0	28.6	21.9	29.3	20.2	26.8	19.4	19.3	26.0	19.4	27.5	18.3	25.7
55.0	22.5	16.8	23.6	14.3	20.3	14.7	14.5	21.0	16.3	21.1	14.8	20.7
60.0	15.4	10.0	15.5	8.49	13.1	8.84	8.70	14.4	10.7	14.1	9.88	14.5
65.0	11.3	6.75	11.7	4.76	10.1	6.50	6.68	11.3	7.55	10.6	6.99	11.1
70.0	7.24	3.30	6.78	2.88	6.82	3.44	3.82	7.58	3.96	7.41	3.79	7.34
75.0	5.77	2.40	5.49	2.01	5.60	2.57	2.92	6.26	2.71	5.98	2.74	6.09
80.0	4.52	1.56	4.28	1.25	4.42	1.67	2.01	5.04	1.84	4.66	1.94	4.87
85.0	3.51	0.97	3.41	0.77	3.48	0.97	1.35	4.00	1.28	3.62	1.32	3.89
90.0	3.02	0.73	2.92	0.73	2.92	0.73	1.18	3.20	0.97	3.23	0.94	3.16
95.0	2.81	0.77	2.74	0.77	2.71	0.77	1.18	2.95	0.94	2.99	0.94	2.92
100.0	2.64	0.80	2.57	0.77	2.54	0.77	1.21	2.78	0.97	2.81	0.94	2.74
105.0	2.50	0.84	2.40	0.80	2.40	0.80	1.21	2.61	0.97	2.64	0.94	2.57
110.0	2.36	0.87	2.29	0.84	2.26	0.84	1.21	2.47	0.97	2.47	0.94	2.43
115.0	2.26	0.91	2.19	0.91	2.15	0.87	1.21	2.33	0.97	2.33	0.94	2.29
120.0	2.19	0.97	2.12	0.97	2.08	0.94	1.25	2.22	0.97	2.22	0.94	2.19
125.0	2.15	1.04	2.08	1.04	2.05	1.00	1.32	2.12	1.04	2.12	1.04	2.12
130.0	2.19	1.21	2.12	1.25	2.08	1.18	1.46	2.15	1.18	2.12	1.14	2.15
135.0	2.33	1.49	2.29	1.56	2.22	1.42	1.74	2.26	1.39	2.19	1.39	2.29
140.0	2.64	1.94	2.61	2.01	2.54	1.81	2.15	2.54	1.77	2.43	1.77	2.57
145.0	3.13	2.57	3.13	2.71	3.02	2.40	2.74	3.02	2.33	2.81	2.36	3.06
150.0	3.82	3.34	3.82	3.51	3.68	3.16	3.55	3.65	3.02	3.41	3.09	3.75
155.0	4.66	4.24	4.66	4.38	4.49	4.03	4.45	4.49	3.89	4.17	3.96	4.62
160.0	5.53	5.15	5.49	5.29	5.32	4.97	5.43	5.36	4.83	5.01	4.90	5.49
165.0	6.43	6.05	6.33	6.12	6.12	5.88	6.40	6.23	5.70	5.91	5.81	6.30
170.0	7.20	6.75	6.99	6.82	6.82	6.61	7.20	6.96	6.50	6.75	6.54	6.99
175.0	7.76	7.27	7.44	7.34	7.03	7.48	7.83	7.51	7.06	7.37	7.03	7.48
180.0	8.07	7.69	7.31	7.69	7.20	7.65	8.07	7.69	7.31	7.69	7.20	7.65

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: