

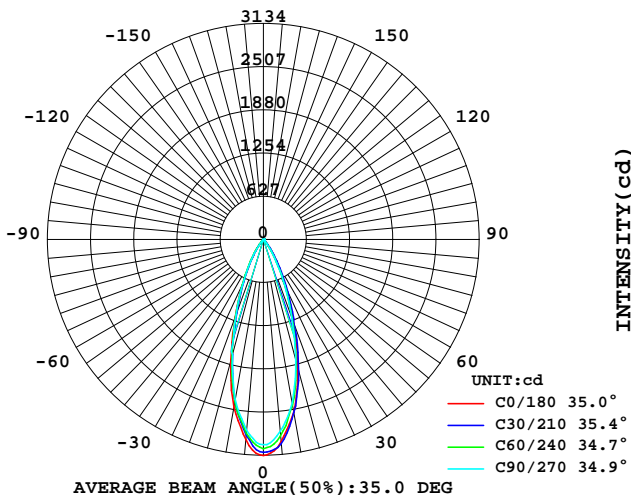
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

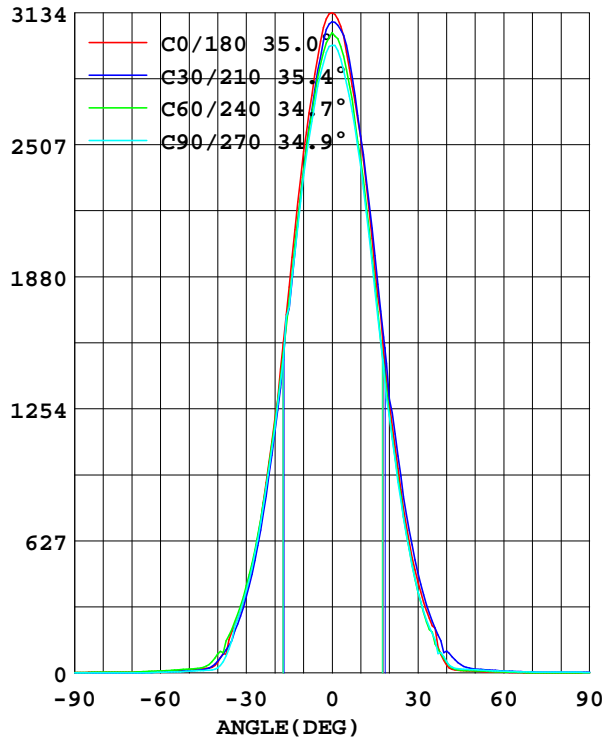
MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	3134	S/MH(C0/180)	0.56
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.58
NOMINAL POWER(W)	15	TOTAL FLUX(lm)	1281.3	Voltage(V)	120.6
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	85.4	Current(A)	0.125
NOMINAL FLUX(lm)	1281.3	h up(%)	1.1	Power(W)	15.00
LAMPS QUANTITY	1	h down(%)	98.9	Power Factor(PF)	0.987
TEST VOLTAGE(V)	120.7	Effective Flux(lm)	1281.3	EET	0.159

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



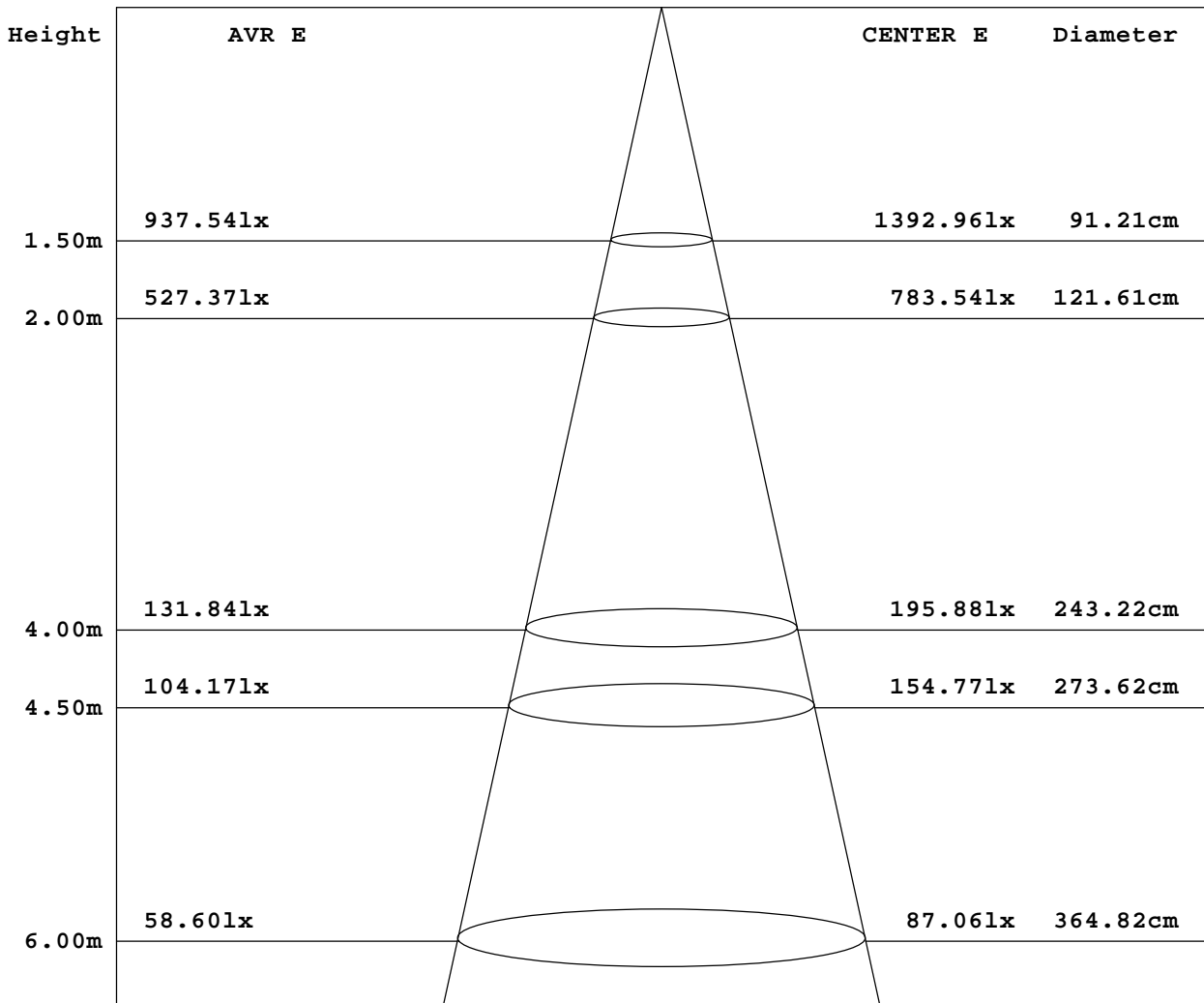
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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): 3500	DIMENSION:	SERIAL No.:



Angle: 33.8deg

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): 3500	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tStal
5.0	2920	2842	2783	2856	2946	2922	2800	2859	0- 5	70.80	70.80
10.0	2475	2384	2360	2447	2546	2494	2411	2433	5- 10	188.9	259.7
15.0	1832	1751	1736	1839	1917	1913	1813	1818	10- 15	252.2	511.9
20.0	1203	1163	1158	1239	1282	1263	1220	1191	15- 20	247.6	759.6
25.0	723.2	703.4	712.7	767.6	779.6	789.8	736.8	714.9	20- 25	201.7	961.3
30.0	384.9	388.1	389.1	443.0	433.3	431.4	388.4	386.7	25- 30	141.5	1103
35.0	197.0	180.9	156.0	230.9	223.8	219.3	188.0	183.2	30- 35	86.48	1189
40.0	49.46	72.59	23.53	86.13	36.86	77.50	53.22	76.16	35- 40	40.27	1230
45.0	19.91	21.25	11.97	22.46	11.62	26.24	19.00	21.66	40- 45	13.74	1243
50.0	15.35	14.98	8.772	14.30	8.563	14.75	15.21	13.55	45- 50	6.600	1250
55.0	10.61	10.72	5.256	9.381	4.560	10.59	10.93	9.990	50- 55	4.975	1255
60.0	8.145	6.857	3.759	5.830	3.585	6.962	8.493	6.370	55- 60	3.549	1259
65.0	5.256	4.368	1.148	3.985	1.810	4.855	5.778	4.246	60- 65	2.537	1261
70.0	4.351	2.523	1.009	2.541	1.427	2.871	4.455	2.715	65- 70	1.629	1263
75.0	3.794	2.227	0.801	2.245	1.253	2.488	3.898	2.419	70- 75	1.324	1264
80.0	3.376	2.018	0.731	2.018	1.183	2.262	3.481	2.210	75- 80	1.205	1265
85.0	3.063	1.879	0.696	1.879	1.148	2.106	3.167	2.071	80- 85	1.125	1266
90.0	2.854	1.757	0.696	1.757	1.148	1.984	2.958	1.966	85- 90	1.059	1267
95.0	2.645	1.670	0.731	1.670	1.183	1.914	2.784	1.862	90- 95	1.007	1268
100.0	2.506	1.601	0.731	1.601	1.183	1.827	2.610	1.775	95-100	0.958	1269
105.0	2.367	1.566	0.766	1.566	1.183	1.740	2.471	1.705	100-105	0.906	1270
110.0	2.262	1.514	0.801	1.496	1.183	1.670	2.332	1.636	105-110	0.853	1271
115.0	2.158	1.479	0.835	1.479	1.218	1.601	2.193	1.566	110-115	0.799	1272
120.0	2.088	1.479	0.870	1.462	1.218	1.549	2.088	1.514	115-120	0.747	1273
125.0	2.053	1.514	0.975	1.479	1.287	1.531	1.984	1.514	120-125	0.703	1273
130.0	2.088	1.601	1.113	1.566	1.427	1.583	1.984	1.583	125-130	0.679	1274
135.0	2.227	1.827	1.357	1.740	1.636	1.740	2.088	1.757	130-135	0.681	1275
140.0	2.541	2.193	1.775	2.053	2.018	2.018	2.332	2.071	135-140	0.717	1276
145.0	3.028	2.715	2.367	2.558	2.575	2.454	2.715	2.558	140-145	0.781	1276
150.0	3.689	3.411	3.063	3.219	3.306	3.080	3.272	3.237	145-150	0.859	1277
155.0	4.490	4.212	3.898	4.003	4.142	3.863	4.003	4.003	150-155	0.922	1278
160.0	5.325	5.064	4.734	4.838	5.117	4.699	4.838	4.855	155-160	0.937	1279
165.0	6.161	5.830	5.534	5.639	6.022	5.534	5.639	5.656	160-165	0.874	1280
170.0	6.857	6.474	6.230	6.283	6.822	6.213	6.370	6.300	165-170	0.718	1281
175.0	7.344	6.857	6.683	6.753	7.414	6.770	6.892	6.753	170-175	0.475	1281
180.0	7.658	6.979	7.101	6.927	7.658	6.979	7.101	6.927	175-180	0.167	1281
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:

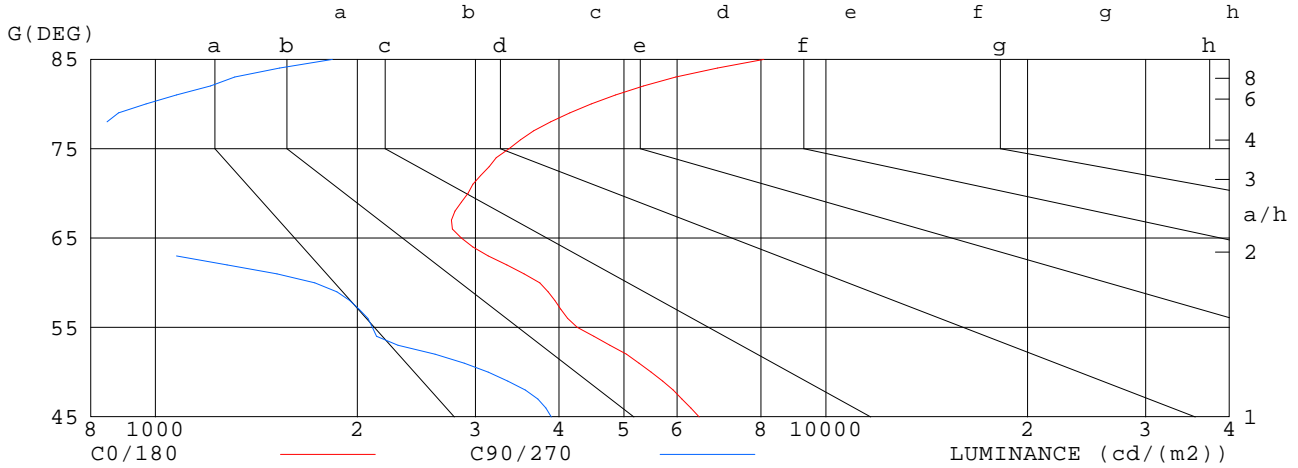
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	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	8080	1836
80	4470	968
75	3370	711
70	2925	679
65	2859	625
60	3745	1728
55	4255	2107
50	5490	3137
45	6473	3893

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

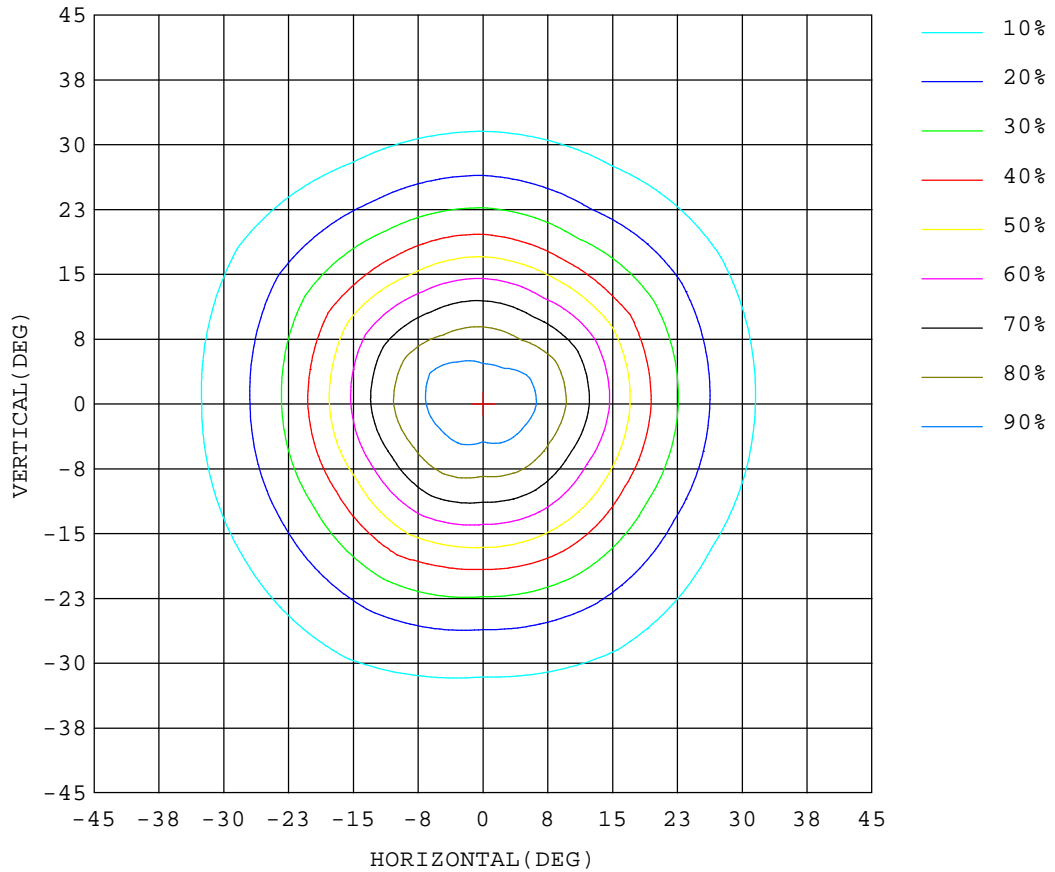
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

UNIT: cd



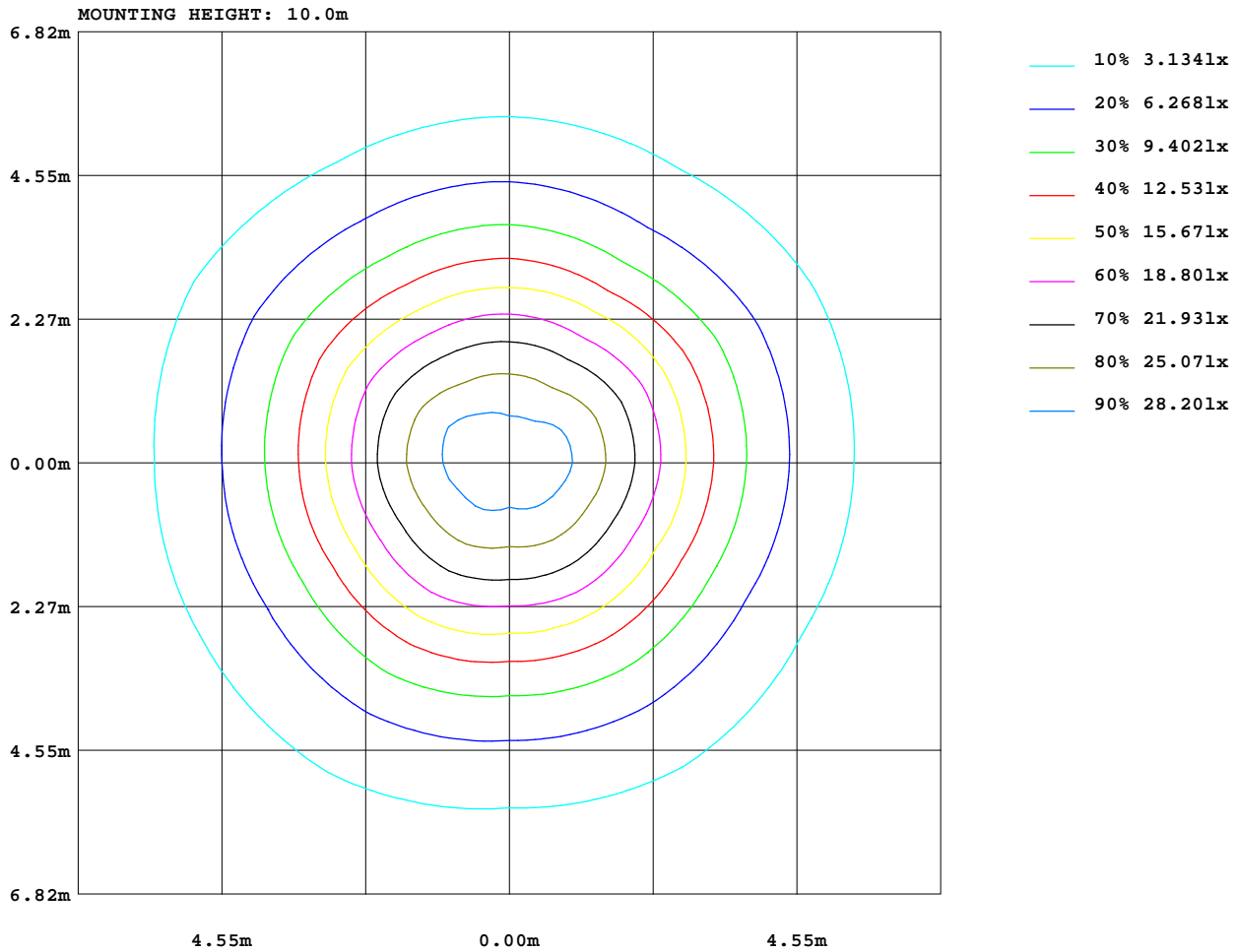
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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): 3500	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): 3500		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	0.08	0.09	0.09	0.10	0.14	0.18	0.21	0.22	0.21	0.17	0.13	0.10	0.09	0.08	0.07	0.05	2.13	2.13
40	0.08	0.10	0.12	0.15	0.19	0.30	0.50	0.69	0.81	0.80	0.68	0.52	0.37	0.24	0.14	0.10	0.09	0.07	5.94	5.94
35	0.10	0.13	0.22	0.37	0.62	0.99	1.44	1.84	2.07	2.05	1.78	1.36	0.91	0.60	0.36	0.17	0.11	0.08	15.2	15.2
30	0.11	0.23	0.46	0.84	1.46	2.12	2.91	3.68	4.12	4.06	3.52	2.74	1.97	1.29	0.73	0.39	0.16	0.10	30.9	30.9
25	0.13	0.37	0.80	1.58	2.58	3.86	5.23	6.50	7.23	7.09	6.11	4.74	3.49	2.29	1.36	0.68	0.27	0.11	54.4	54.4
20	0.16	0.45	1.23	2.42	4.05	6.09	8.22	10.1	11.2	11.1	9.58	7.55	5.51	3.60	2.07	1.02	0.40	0.14	85.0	85.0
15	0.18	0.56	1.64	3.18	5.54	8.50	11.6	14.3	15.9	15.7	13.8	10.9	7.83	5.00	2.77	1.39	0.50	0.16	120	120
10	0.16	0.69	1.93	3.74	6.63	10.5	14.9	18.2	19.7	19.4	17.7	14.2	9.74	6.08	3.34	1.66	0.60	0.17	150	150
5	0.13	0.75	2.06	4.00	7.16	11.5	16.5	20.5	22.5	22.2	20.0	15.8	10.7	6.65	3.63	1.79	0.65	0.17	167	167
0	0.11	0.74	2.03	3.93	7.01	11.2	16.1	20.0	22.2	22.1	19.6	15.5	10.6	6.52	3.56	1.75	0.63	0.16	164	164
-5	0.12	0.64	1.85	3.55	6.20	9.81	14.0	17.8	19.5	19.4	17.3	13.4	9.20	5.71	3.14	1.55	0.54	0.14	144	144
-10	0.11	0.47	1.53	2.94	5.02	7.85	11.1	14.2	15.6	15.4	13.7	10.6	7.30	4.51	2.50	1.20	0.41	0.12	115	115
-15	0.09	0.32	1.10	2.23	3.79	5.85	8.19	10.0	11.0	10.8	9.72	7.69	5.36	3.31	1.80	0.81	0.28	0.10	82.7	82.7
-20	0.07	0.19	0.67	1.54	2.63	3.99	5.48	6.59	7.07	6.96	6.29	5.08	3.60	2.24	1.18	0.50	0.16	0.08	54.3	54.3
-25	0.06	0.11	0.34	0.88	1.66	2.51	3.31	3.88	4.12	4.05	3.70	3.05	2.21	1.35	0.68	0.28	0.10	0.07	32.4	32.4
-30	0.05	0.08	0.16	0.40	0.84	1.40	1.78	2.04	2.14	2.09	1.92	1.59	1.15	0.69	0.34	0.14	0.09	0.06	16.9	16.9
-35	0.04	0.07	0.10	0.17	0.34	0.55	0.67	0.70	0.64	0.61	0.63	0.57	0.50	0.30	0.16	0.11	0.08	0.05	6.29	6.29
-40	0.03	0.06	0.08	0.12	0.15	0.19	0.21	0.20	0.15	0.15	0.19	0.20	0.18	0.15	0.12	0.09	0.06	0.04	2.37	2.37
-45																				
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)	10	15	20	25	30	35	40	45			
Φ t	1.79	6.02	16.4	32.1	56.0	87.4	123	152	167	165	147	116	80.9	50.7	28.0	13.7	5.20	1.88	1281	
Φ a	1.79	6.02	16.4	32.1	56.0	87.4	123	152	167	165	147	116	80.9	50.7	28.0	13.7	5.20	1.88		1281

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

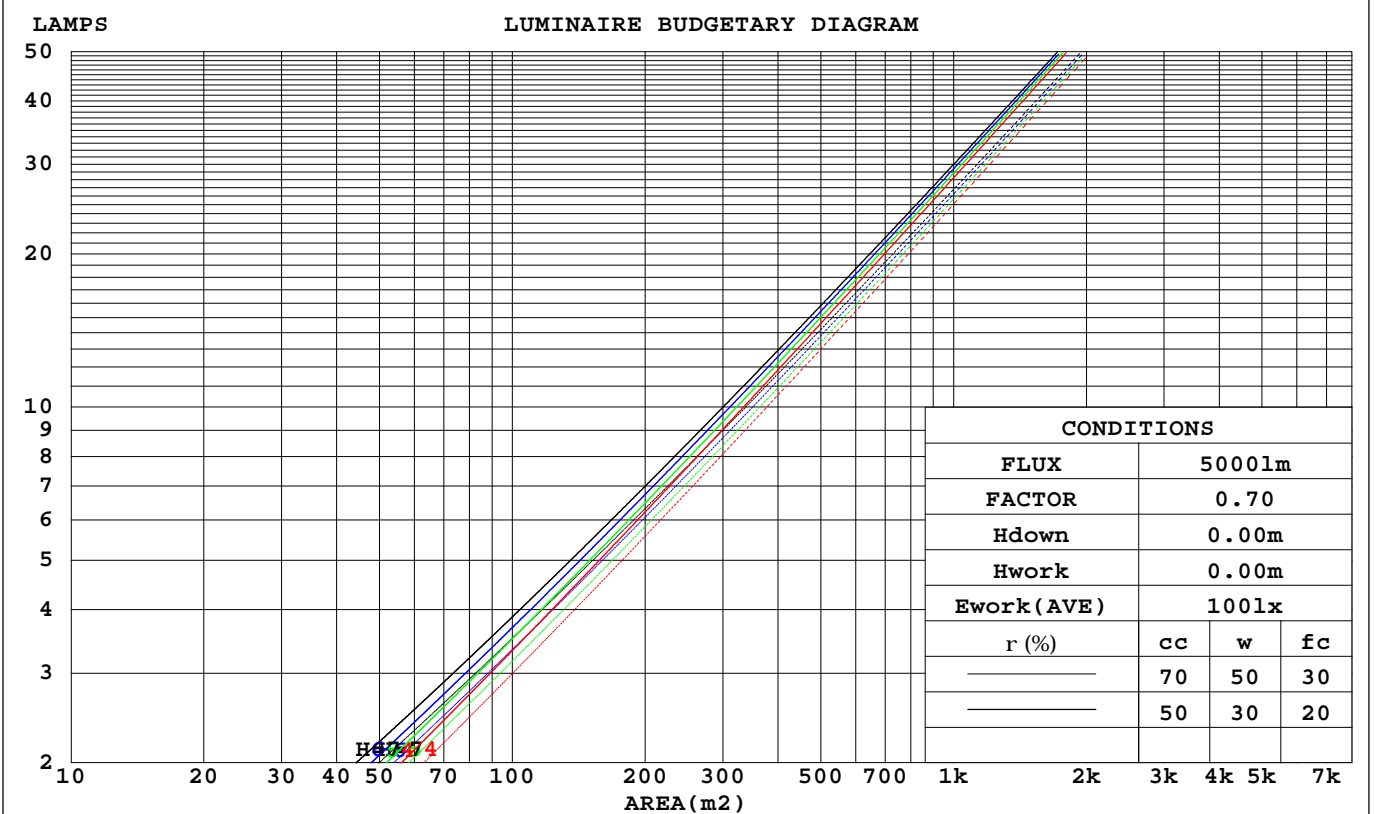
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500		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	.98	.97	.96	.94
2.0	1.05	1.01	.98	1.03	1.00	.97	.00	.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	.89	.85	.81	.89	.84	.80	.87	.83	.80	.85	.82	.79	.83	.81	.78	.77
6.0	.85	.80	.77	.84	.80	.76	.83	.79	.76	.82	.78	.75	.80	.77	.75	.73
7.0	.81	.76	.73	.81	.76	.73	.80	.75	.72	.78	.75	.72	.77	.74	.71	.70
8.0	.78	.73	.69	.77	.73	.69	.76	.72	.69	.75	.71	.69	.74	.71	.68	.67
9.0	.75	.70	.66	.74	.69	.66	.73	.69	.66	.72	.69	.66	.72	.68	.65	.64
10.0	.72	.67	.64	.71	.67	.63	.70	.66	.63	.70	.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): 3500	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	.116	.060	.018	.109	.058	.017	.103	.055	.017	
6.0	.120	.060	.017	.117	.059	.017	.111	.057	.017	.105	.055	.016	.100	.052	.016	
7.0	.114	.057	.016	.112	.056	.016	.106	.054	.015	.101	.052	.015	.096	.050	.015	
8.0	.109	.053	.015	.107	.053	.015	.102	.051	.015	.098	.049	.014	.093	.048	.014	
9.0	.105	.051	.014	.103	.050	.014	.098	.049	.014	.094	.047	.014	.090	.046	.013	
10.0	.101	.048	.013	.099	.048	.013	.095	.046	.013	.091	.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	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.178	.166	.155	.152	.142	.133	.104	.098	.092	.060	.057	.053	.019	.018	.017	
2.0	.162	.141	.124	.138	.121	.107	.095	.084	.074	.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	.025	.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:2024/02/01

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): 3500			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	14.8	14.2	14.9	15.1	15.1	15.9	15.4	16.1	16.3
3H	13.9	14.6	14.2	14.8	15.1	15.0	15.7	15.3	15.9	16.2
4H	13.9	14.6	14.2	14.8	15.1	14.9	15.6	15.2	15.9	16.1
6H	14.0	14.7	14.3	14.9	15.2	14.9	15.5	15.2	15.8	16.0
8H	14.1	14.7	14.4	15.0	15.3	14.8	15.5	15.2	15.7	16.0
12H	14.3	14.9	14.6	15.2	15.5	14.8	15.4	15.2	15.7	16.0
4H 2H	13.8	14.5	14.1	14.7	15.0	14.9	15.6	15.2	15.9	16.1
3H	13.7	14.3	14.1	14.6	14.9	14.8	15.5	15.2	15.7	16.0
4H	13.7	14.3	14.1	14.6	14.9	14.8	15.4	15.2	15.7	16.0
6H	13.9	14.4	14.3	14.7	15.1	14.8	15.3	15.2	15.6	16.0
8H	14.0	14.5	14.4	14.8	15.2	14.8	15.2	15.2	15.6	16.0
12H	14.3	14.7	14.7	15.1	15.5	14.8	15.2	15.2	15.6	16.0
8H 4H	13.6	14.1	14.0	14.5	14.8	14.7	15.2	15.1	15.5	15.9
6H	13.8	14.2	14.2	14.6	15.0	14.8	15.2	15.3	15.6	16.0
8H	14.0	14.3	14.4	14.7	15.2	14.9	15.2	15.4	15.7	16.1
12H	14.4	14.6	14.8	15.1	15.6	15.0	15.3	15.5	15.7	16.2
12H 4H	13.6	14.0	14.0	14.4	14.8	14.7	15.1	15.1	15.5	15.9
6H	13.8	14.1	14.2	14.5	15.0	14.8	15.1	15.2	15.5	16.0
8H	14.0	14.3	14.5	14.7	15.2	14.9	15.2	15.4	15.7	16.2
Variations with the observer position at spacings:										
S = 1.0H	+ 2.1 / - 2.8					+ 1.9 / - 2.8				
1.5H	+ 4.0 / - 2.8					+ 3.8 / - 3.1				
2.0H	+ 1.5 / - 1.5					+ 1.0 / - 1.6				

CIE Pub.117 Corrected 1281 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.9)

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): 3500	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	82	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	106	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			

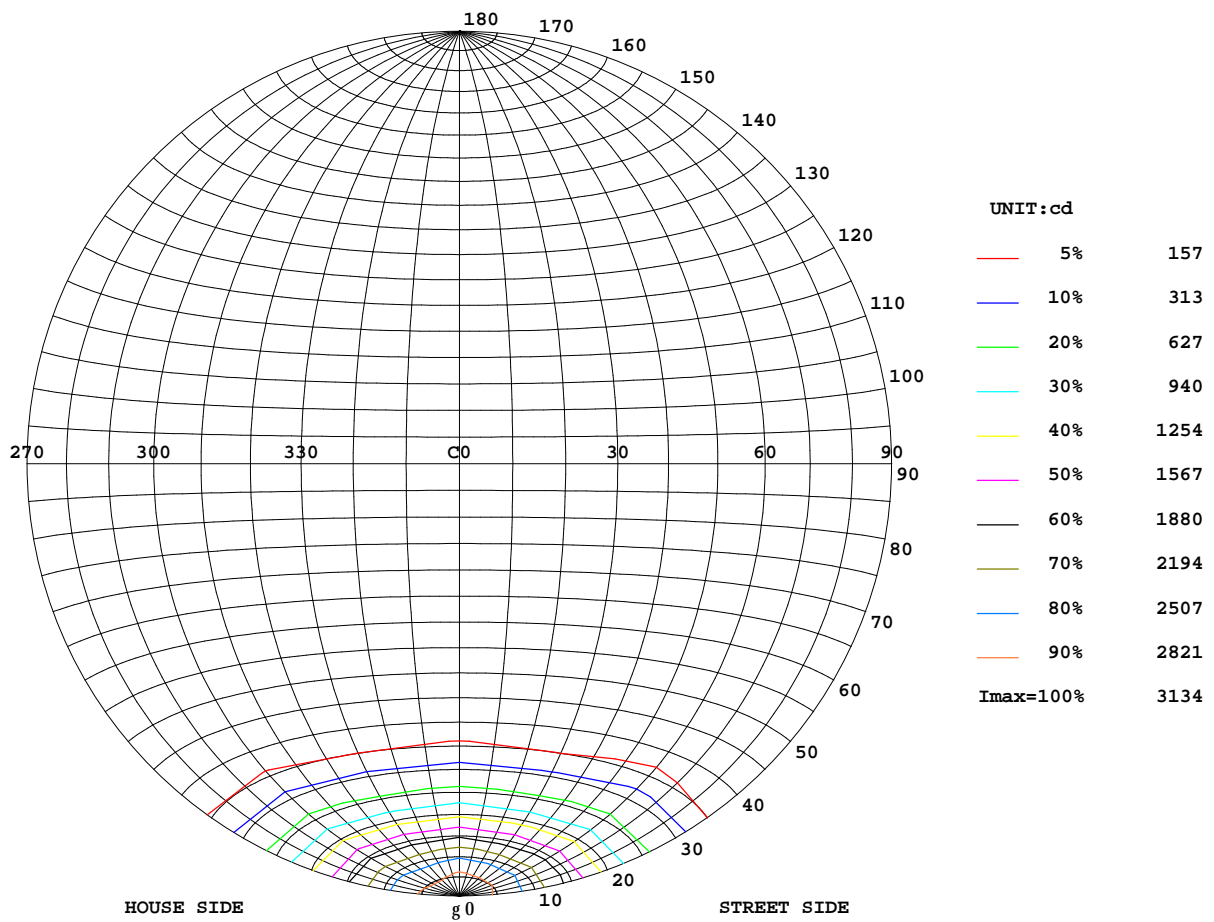
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2024/02/01

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): 3500	DIMENSION:	SERIAL No.:



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

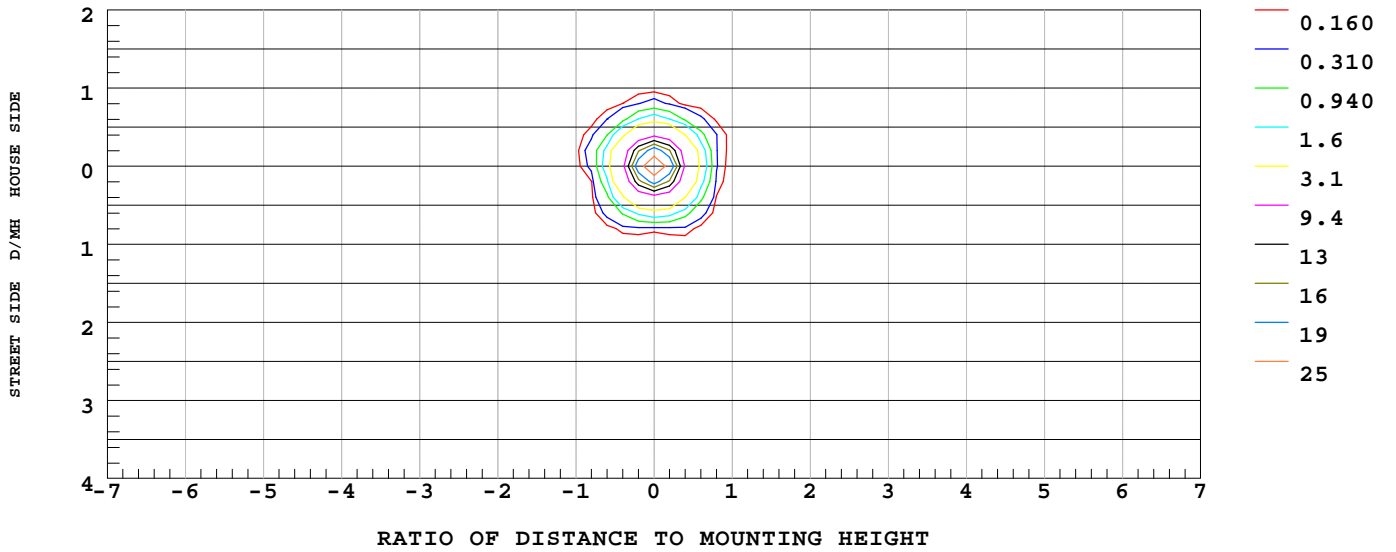
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:5.900 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-COB04-S15W-5CCT-4SR-BF-BK		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3500	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 31.34 lx



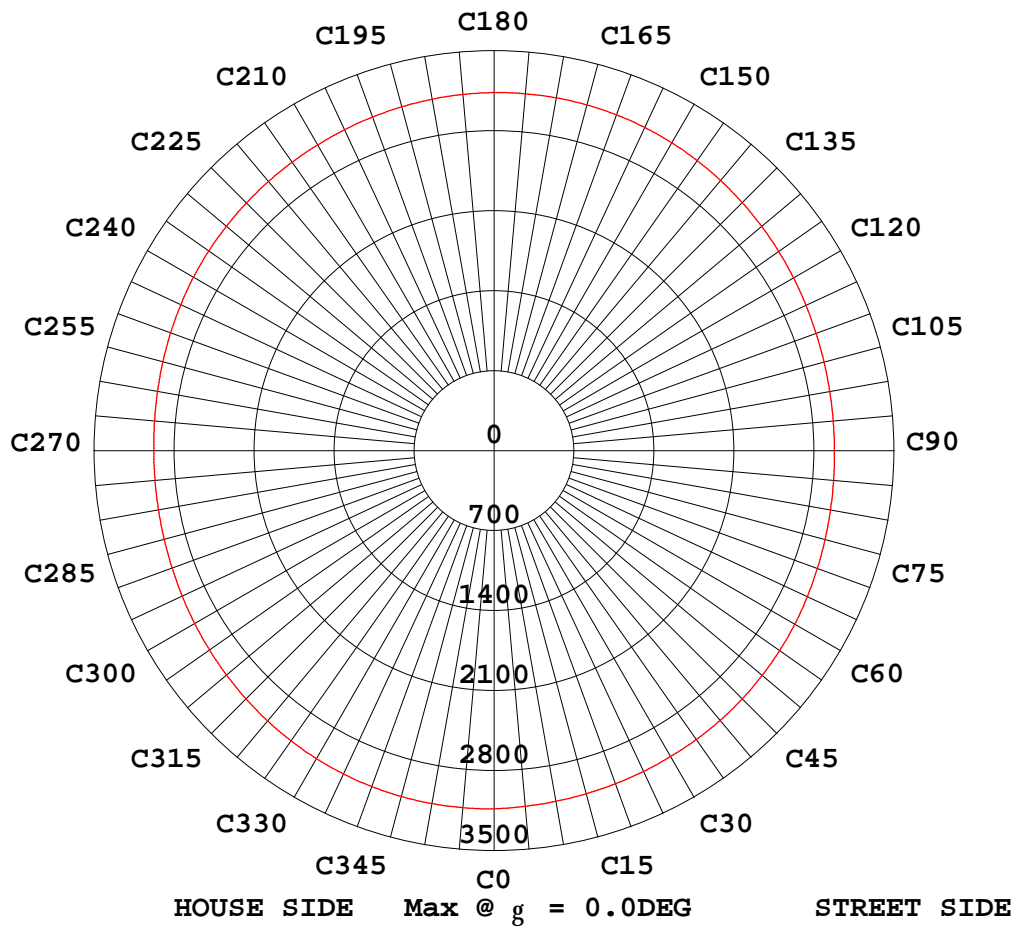
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024/02/01

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): 3500	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): 3500	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3134	3091	3039	2979	3026	3112	3134	3091	3039	2979	3026	3112
5.0	2920	2858	2827	2783	2848	2864	2946	2980	2864	2800	2800	2917
10.0	2475	2382	2386	2360	2435	2458	2546	2549	2438	2411	2379	2486
15.0	1832	1731	1770	1736	1844	1834	1917	1980	1846	1813	1768	1869
20.0	1203	1139	1186	1158	1260	1218	1282	1300	1225	1220	1135	1248
25.0	723	679	728	713	786	750	780	837	743	737	670	760
30.0	385	362	414	389	453	433	433	476	387	388	360	413
35.0	197	155	207	156	241	221	224	246	193	188	157	210
40.0	49.4	55.8	89.3	23.5	98.5	73.7	36.8	104	50.9	53.2	59.0	93.2
45.0	19.9	15.8	26.6	11.9	27.5	17.3	11.6	39.6	12.8	19.0	17.5	25.7
50.0	15.3	11.1	18.8	8.77	18.1	10.5	8.56	19.1	10.4	15.2	10.4	16.7
55.0	10.6	7.41	14.0	5.25	12.7	6.05	4.56	14.0	7.10	10.9	7.55	12.4
60.0	8.14	3.93	9.78	3.75	8.31	3.34	3.58	9.32	4.59	8.49	4.00	8.73
65.0	5.25	1.87	6.85	1.14	6.26	1.70	1.81	6.96	2.74	5.77	2.19	6.30
70.0	4.35	0.84	4.21	1.00	4.17	0.91	1.42	4.62	1.11	4.45	1.00	4.42
75.0	3.79	0.77	3.68	0.80	3.68	0.80	1.25	3.96	1.00	3.89	0.94	3.89
80.0	3.37	0.73	3.30	0.73	3.30	0.73	1.18	3.58	0.94	3.48	0.91	3.51
85.0	3.06	0.73	3.02	0.70	3.02	0.73	1.14	3.30	0.91	3.16	0.91	3.23
90.0	2.85	0.73	2.78	0.70	2.78	0.73	1.14	3.06	0.91	2.95	0.91	3.02
95.0	2.64	0.73	2.61	0.73	2.61	0.73	1.18	2.88	0.94	2.78	0.91	2.81
100.0	2.50	0.77	2.43	0.73	2.43	0.77	1.18	2.71	0.94	2.61	0.91	2.64
105.0	2.36	0.80	2.33	0.77	2.33	0.80	1.18	2.54	0.94	2.47	0.91	2.50
110.0	2.26	0.84	2.19	0.80	2.19	0.80	1.18	2.40	0.94	2.33	0.91	2.36
115.0	2.15	0.87	2.08	0.84	2.08	0.87	1.21	2.26	0.94	2.19	0.91	2.22
120.0	2.08	0.94	2.01	0.87	2.01	0.91	1.21	2.15	0.94	2.08	0.91	2.12
125.0	2.05	1.04	1.98	0.97	1.98	0.97	1.28	2.05	1.00	1.98	0.97	2.05
130.0	2.08	1.18	2.01	1.11	1.98	1.14	1.42	2.05	1.11	1.98	1.11	2.05
135.0	2.22	1.49	2.15	1.35	2.08	1.39	1.63	2.12	1.35	2.08	1.35	2.15
140.0	2.54	1.94	2.43	1.77	2.33	1.77	2.01	2.33	1.70	2.33	1.74	2.40
145.0	3.02	2.54	2.88	2.36	2.74	2.36	2.57	2.71	2.19	2.71	2.26	2.85
150.0	3.68	3.30	3.51	3.06	3.34	3.09	3.30	3.30	2.85	3.27	2.99	3.48
155.0	4.49	4.17	4.24	3.89	4.07	3.93	4.14	4.03	3.68	4.00	3.79	4.21
160.0	5.32	5.04	5.08	4.73	4.87	4.80	5.11	4.83	4.56	4.83	4.66	5.04
165.0	6.16	5.81	5.84	5.53	5.63	5.63	6.02	5.67	5.39	5.63	5.49	5.81
170.0	6.85	6.47	6.47	6.23	6.26	6.30	6.82	6.37	6.05	6.37	6.12	6.47
175.0	7.34	6.82	6.89	6.68	6.54	6.96	7.41	6.96	6.57	6.89	6.54	6.96
180.0	7.65	7.17	6.78	7.10	6.68	7.17	7.65	7.17	6.78	7.10	6.68	7.17

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
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