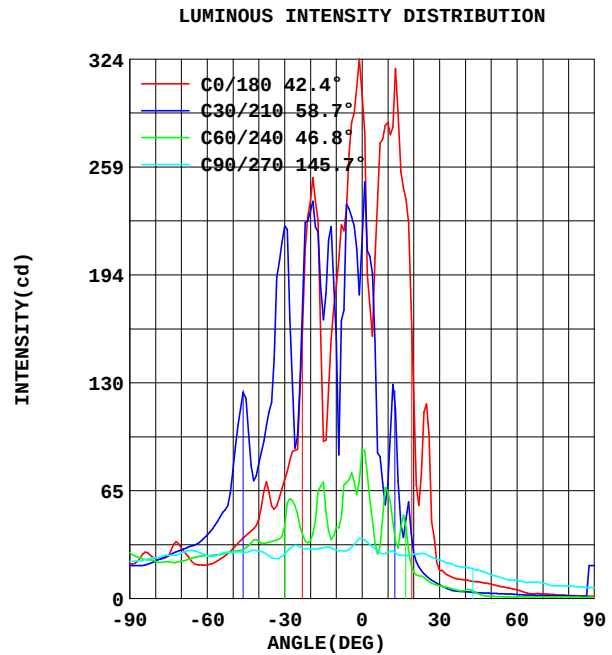
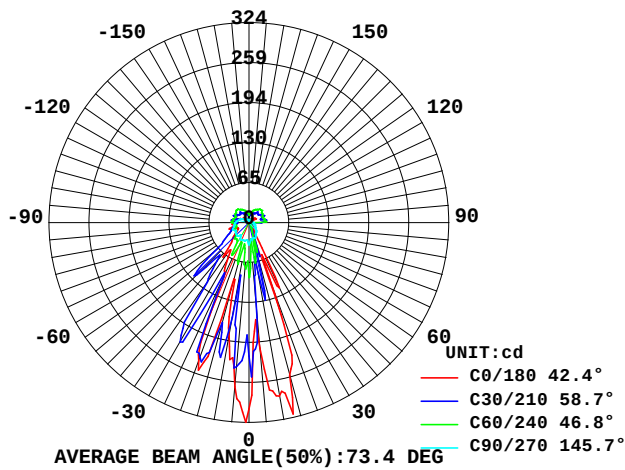


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-BG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

MODEL:		I _{max} (cd):	324.1	Effective Flux(lm):	273.1
NOMINAL POWER(W):	12	MAXIMUM(C _g):	0, 1.0	EEI	0.416
RATED VOLTAGE(V):	122	EFFICIENCY(%):	100.0	Voltage(V)	122.0
NOMINAL FLUX(lm):	273.1	h street_up(%):	19.0	Current(A)	0.097
TEST FLUX(lm):	273.1	h street_down(%):	43.0	Power(W)	11.61
LAMPS QUANTITY:	1	h house_up(%):	16.9	Power Factor	0.980
TOTAL RADIANT(mw):	273.1	h house_down(%):	21.1	EEFICIENCY(lm/W)	23.5



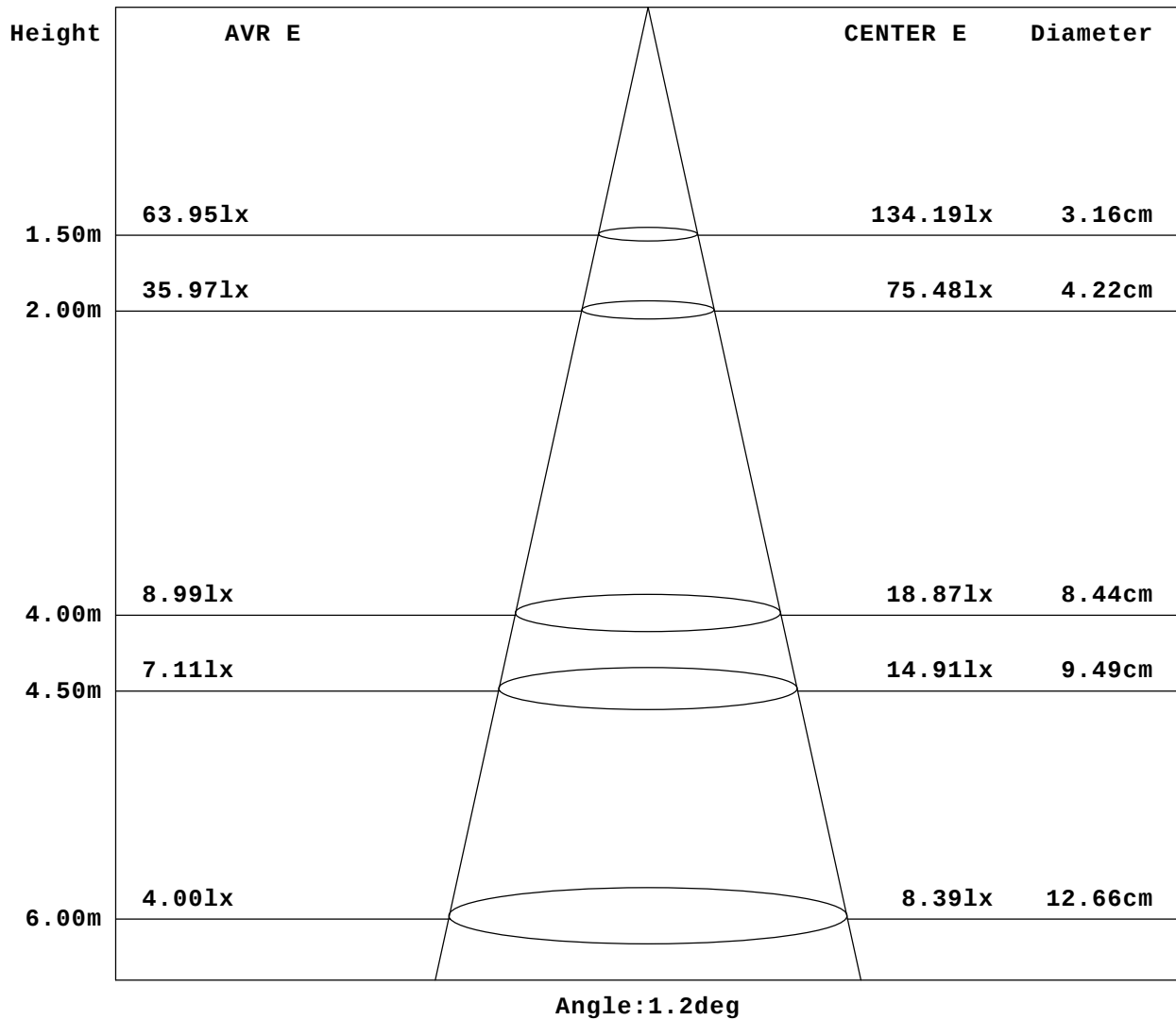
Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2025年02月20日

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-BD12-BG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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-BD12-BG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	total
5.0	267.0	152.9	29.44	68.73	204.4	93.95	30.18	60.88	0- 5	2.799	2.799
10.0	187.4	99.50	29.03	73.93	285.9	66.29	27.70	58.70	5- 10	6.841	9.641
15.0	94.54	118.8	30.56	69.58	256.0	43.79	26.14	50.84	10- 15	10.98	20.62
20.0	238.4	133.6	30.11	75.41	123.7	21.66	26.83	43.96	15- 20	14.59	35.22
25.0	89.70	74.07	31.74	51.77	117.0	12.58	26.62	39.96	20- 25	13.47	48.69
30.0	71.53	133.8	26.97	63.18	16.77	8.075	23.28	36.18	25- 30	13.10	61.80
35.0	55.66	76.16	24.54	53.39	12.70	5.430	20.60	31.62	30- 35	13.30	75.10
40.0	47.86	57.88	28.61	32.86	11.31	4.542	18.72	40.95	35- 40	11.69	86.80
45.0	38.01	75.52	27.77	44.69	10.06	3.272	17.12	29.51	40- 45	11.47	98.28
50.0	29.83	52.78	27.77	29.77	8.737	2.280	14.41	29.84	45- 50	11.78	110.0
55.0	23.74	37.83	26.83	16.01	6.996	2.036	12.11	31.99	50- 55	9.941	120.0
60.0	20.22	32.04	25.93	12.84	5.291	1.792	10.93	26.75	55- 60	8.600	128.6
65.0	21.12	28.42	28.71	9.120	3.063	1.601	9.816	26.09	60- 65	8.098	136.7
70.0	30.56	25.88	27.32	5.795	2.958	1.462	9.468	23.68	65- 70	8.012	144.7
75.0	25.75	23.98	26.03	3.481	2.401	1.427	7.762	22.40	70- 75	7.682	152.4
80.0	24.15	22.55	24.50	11.03	1.949	1.374	7.623	20.24	75- 80	7.125	159.5
85.0	26.80	21.82	22.97	10.09	1.670	1.166	6.927	19.65	80- 85	7.575	167.1
90.0	21.12	23.74	22.31	10.58	1.462	10.37	6.718	20.83	85- 90	7.793	174.8
95.0	20.08	27.20	20.46	13.24	1.322	27.20	5.743	22.40	90- 95	9.530	184.4
100.0	20.01	26.66	18.97	17.31	1.218	26.66	4.908	25.77	95-100	10.65	195.0
105.0	21.12	22.71	17.30	12.07	1.148	22.71	3.689	19.58	100-105	9.618	204.6
110.0	17.47	22.90	16.18	12.13	1.113	22.90	2.680	18.71	105-110	8.370	213.0
115.0	15.97	25.88	14.55	13.05	1.113	25.88	1.392	19.07	110-115	8.298	221.3
120.0	12.98	24.41	12.11	12.67	12.98	24.41	1.044	18.57	115-120	8.112	229.4
125.0	11.97	24.61	9.503	16.91	11.97	24.61	0.940	16.91	120-125	7.580	237.0
130.0	10.93	23.91	10.02	15.62	10.93	23.91	0.905	15.62	125-130	7.022	244.0
135.0	8.911	24.31	8.389	15.61	8.911	24.31	0.940	15.61	130-135	6.397	250.4
140.0	8.145	25.65	6.996	13.41	8.145	25.65	0.940	13.41	135-140	5.662	256.1
145.0	7.066	22.03	7.379	11.87	7.066	22.03	0.975	11.87	140-145	4.698	260.8
150.0	5.151	20.99	7.240	10.96	5.151	20.99	0.661	10.96	145-150	3.740	264.5
155.0	3.481	20.06	6.230	9.711	3.481	20.06	0.766	9.711	150-155	2.950	267.5
160.0	2.158	18.15	5.639	8.719	2.158	18.15	5.639	8.719	155-160	2.248	269.7
165.0	1.810	16.23	4.490	7.884	1.810	16.23	4.490	7.884	160-165	1.600	271.3
170.0	1.705	14.63	3.968	6.700	1.705	14.63	3.968	6.700	165-170	1.022	272.4
175.0	1.636	13.36	2.471	5.343	1.636	13.36	2.471	5.343	170-175	0.538	272.9
180.0	1.531	10.37	1.879	3.759	1.531	10.37	1.879	3.759	175-180	0.156	273.0
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

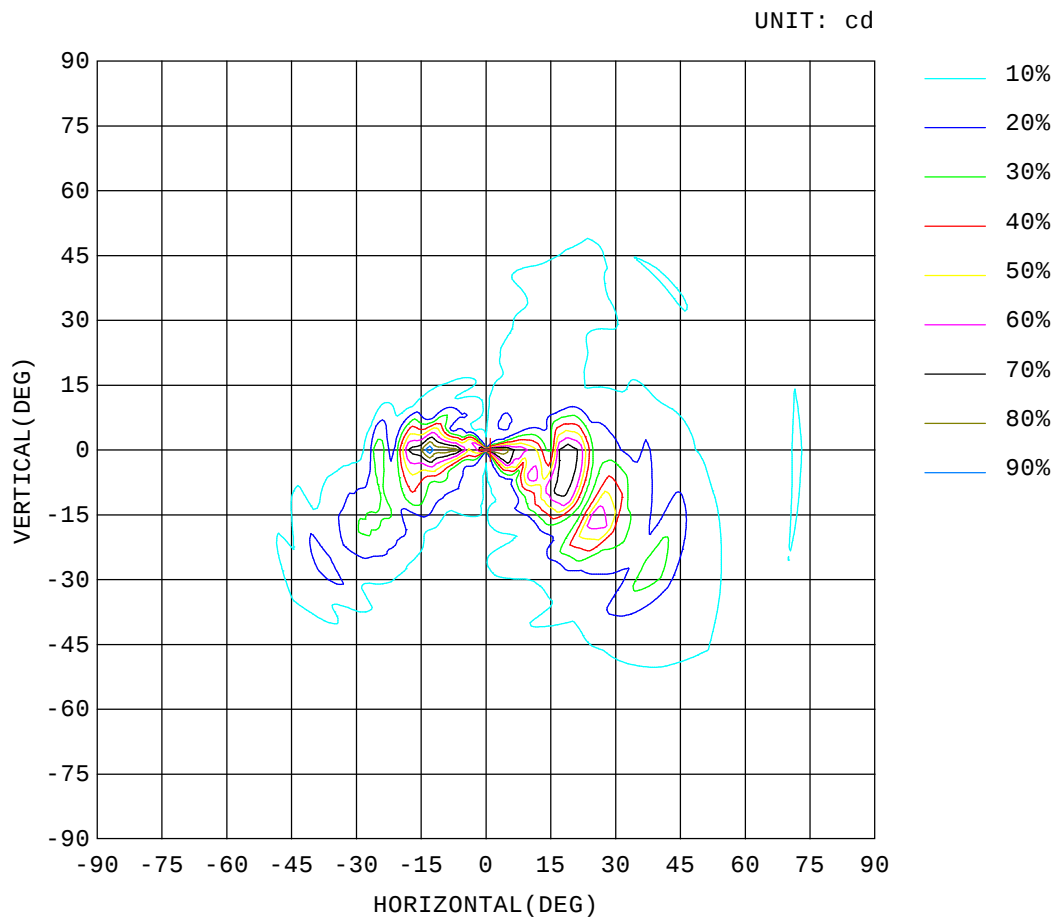
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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-BD12-BG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

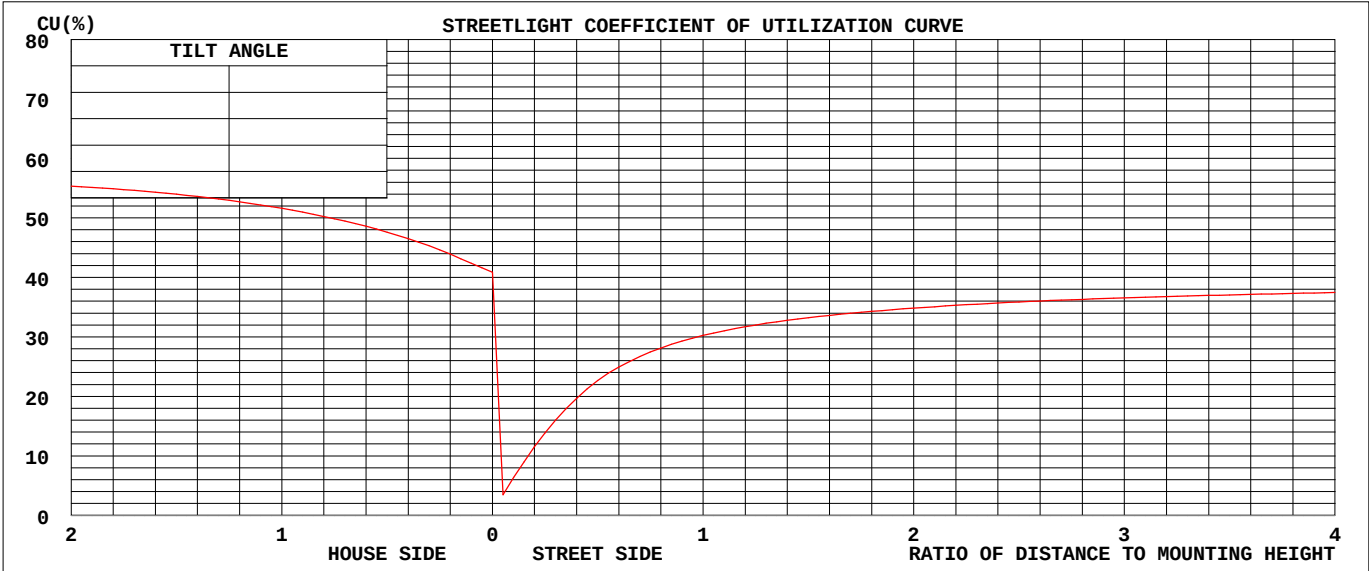
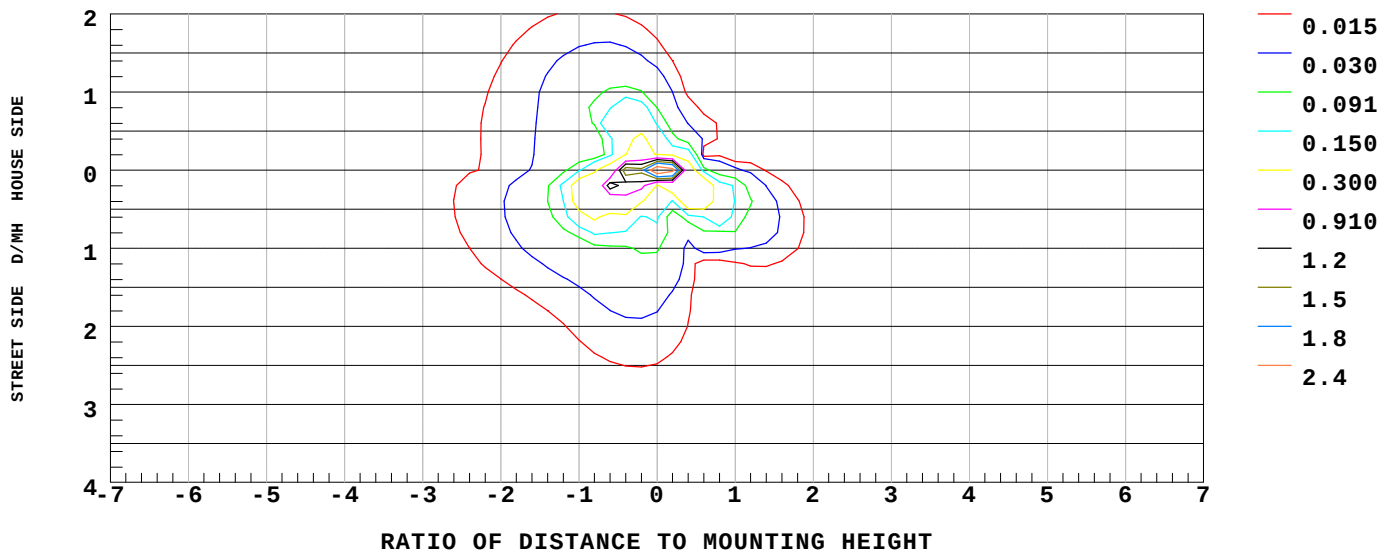
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-BG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 3.02 lx



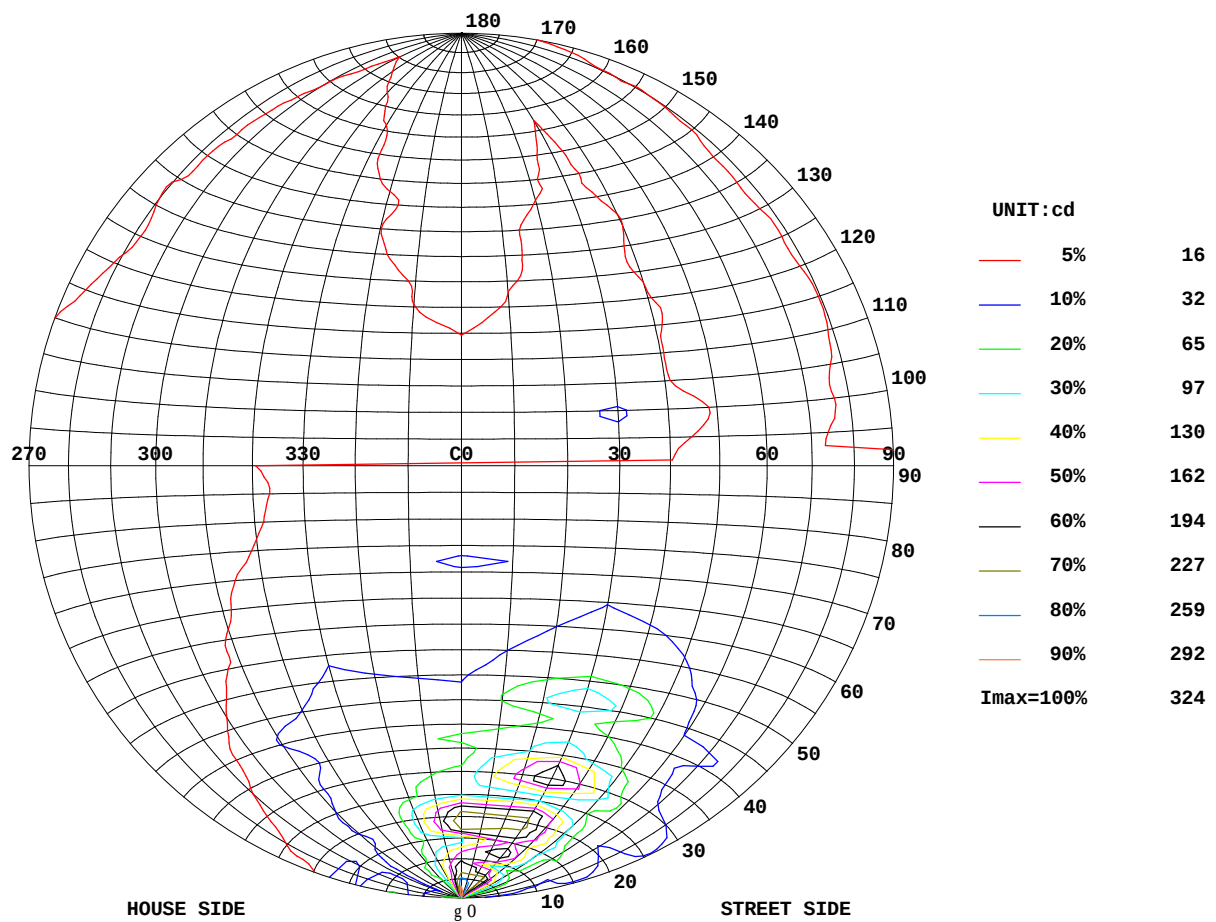
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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-BD12-BG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

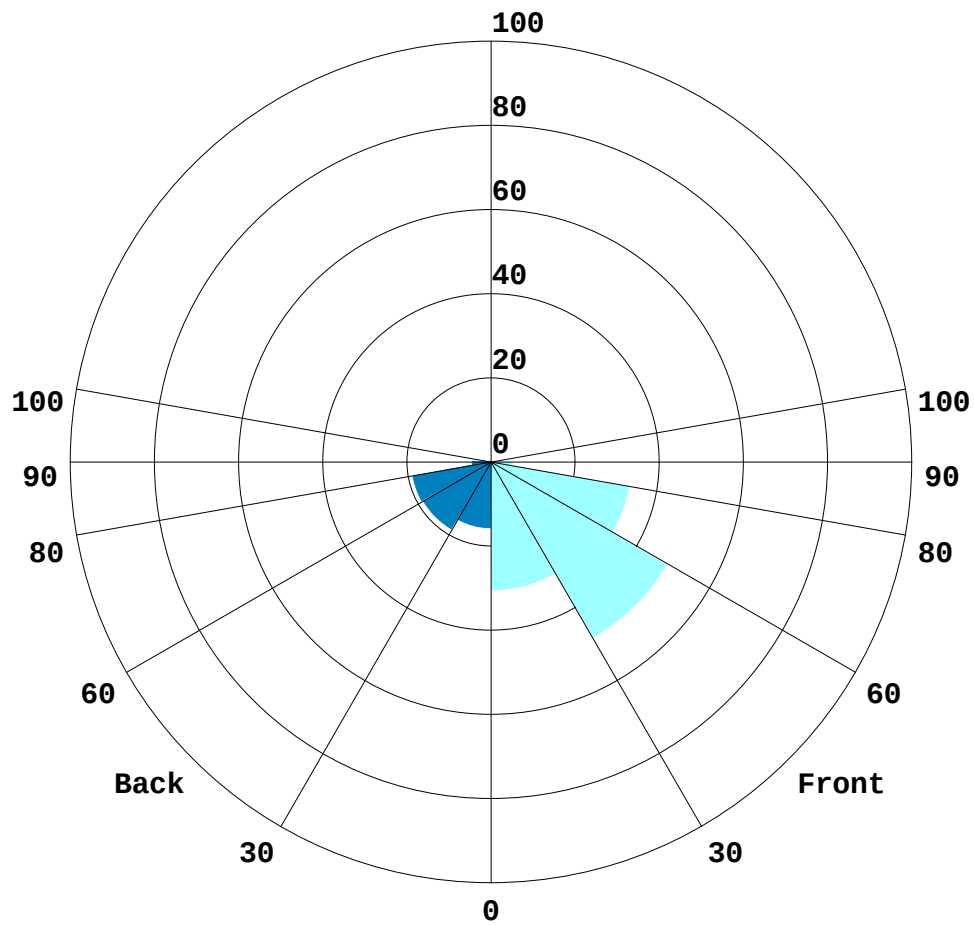
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

LCS Report

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-BG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH Uplight



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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

BUG Report

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-BG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:

IESNA Luminaire Flux Distribution Table

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	30.5	11.2
FM - Front-Medium(30-60)	48.3	17.7
FH - Front-High(60-80)	33.4	12.2
FVH - Front-VeryHigh(80-90)	5.2	1.9
Total Forward Light	117.3	43.0

BL - Back-Low(0-30)	15.8	5.8
BM - Back-Medium(30-60)	18.5	6.8
BH - Back-High(60-80)	18.8	6.9
BVH - Back-VeryHigh(80-90)	4.5	1.6
Total Back Light	57.6	21.1

UL - Uplight-Low(90-100)	0.0	0.0
UH - Uplight-High(100-180)	98.2	36.0
Total UpLight	98.2	36.0

BUG(Back, Up, Glare) Rating	B0-U3-G0
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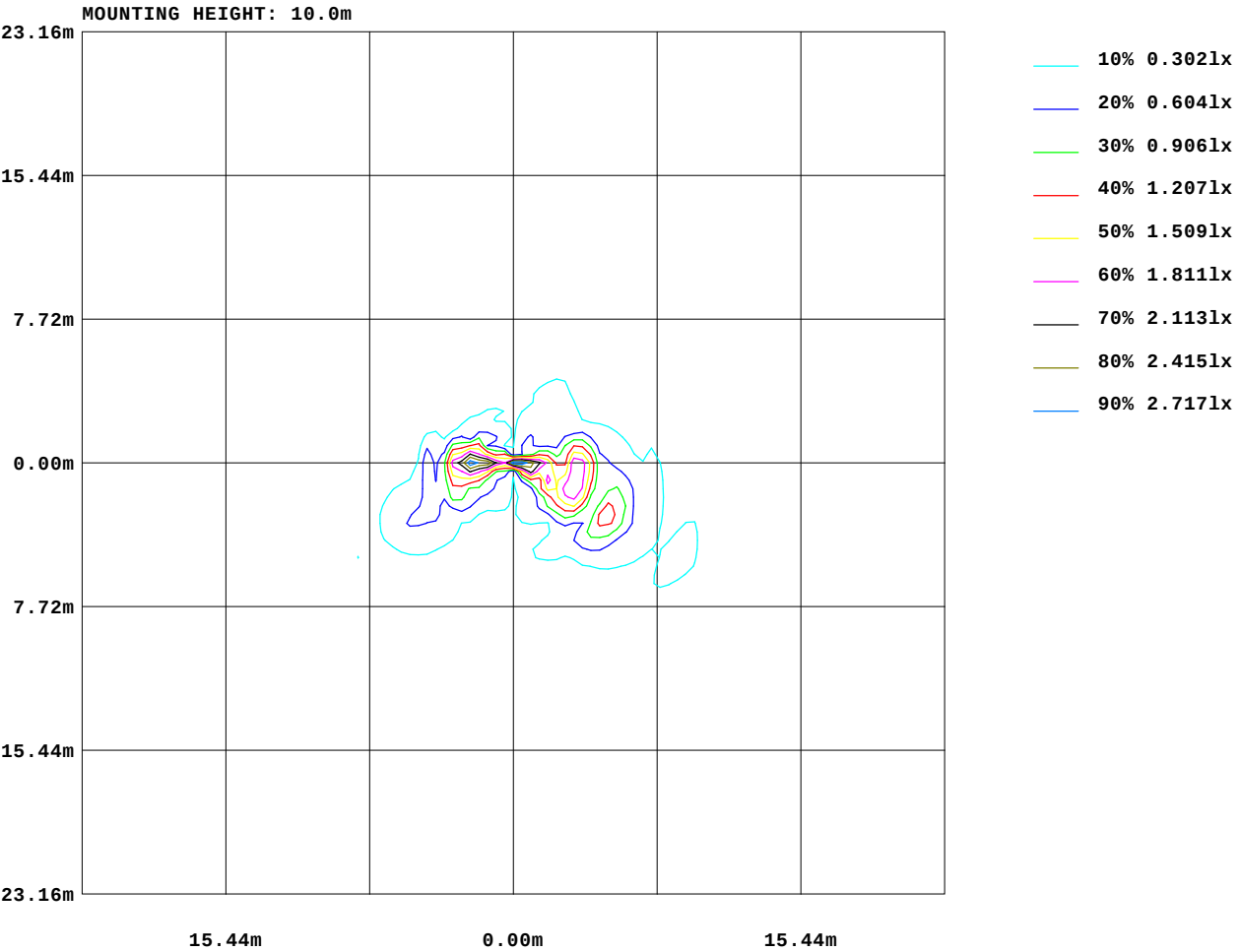
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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-BD12-BG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



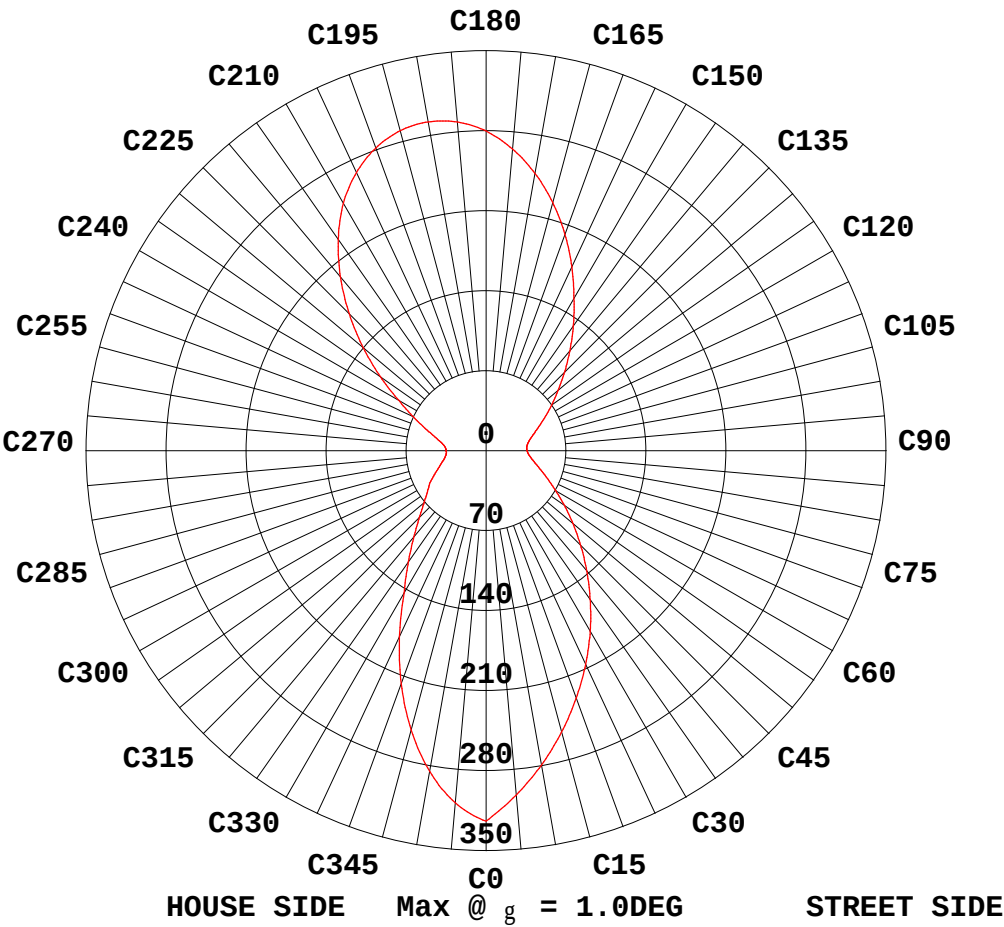
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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-BD12-BG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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-BD12-BG12W-5CCT										TYPE:					WEIGHT:				
SPECIFICATION:					CCT(K): 4000					DIMENSION:					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT: lm		Φ t	Φ a
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90			
	0.01	0.08	0.14	0.14	0.10	0.05	0.05	0.12	0.18	0.27	0.39	0.48	0.49	0.43	0.36	0.27	0.17	0.06	3.76	3.76		
	0.01	0.02	0.02	0.03	0.03	0.03	0.06	0.13	0.21	0.31	0.43	0.52	0.51	0.44	0.36	0.28	0.18	0.06	3.62	3.62		
	0.01	0.01	0.02	0.03	0.03	0.03	0.05	0.15	0.25	0.39	0.54	0.64	0.60	0.49	0.39	0.28	0.19	0.06	4.17	4.17		
	0.01	0.01	0.03	0.03	0.04	0.04	0.05	0.16	0.30	0.49	0.68	0.78	0.67	0.55	0.42	0.30	0.19	0.06	4.80	4.80		
	0.00	0.02	0.03	0.04	0.05	0.05	0.05	0.19	0.41	0.71	0.95	0.93	0.76	0.56	0.45	0.33	0.19	0.07	5.77	5.77		
	0.00	0.02	0.03	0.05	0.07	0.07	0.12	0.23	0.49	0.85	1.31	1.13	0.68	0.63	0.42	0.35	0.19	0.07	6.71	6.71		
	0.00	0.02	0.03	0.07	0.10	0.11	0.16	0.28	0.60	1.00	1.22	0.87	0.55	0.57	0.43	0.33	0.20	0.07	6.61	6.61		
	0.00	0.02	0.04	0.09	0.14	0.17	0.33	0.67	0.97	1.21	1.28	0.96	0.79	0.60	0.44	0.31	0.21	0.07	8.31	8.31		
	0.00	0.02	0.04	0.11	0.19	0.28	1.30	3.90	2.87	2.43	3.07	2.49	1.26	0.74	0.43	0.30	0.22	0.07	19.7	19.7		
	0.00	0.02	0.06	0.18	0.40	0.79	2.09	4.74	2.77	3.69	5.71	3.77	1.96	1.01	0.47	0.30	0.22	0.07	28.2	28.2		
	0.00	0.02	0.08	0.26	0.75	1.41	2.50	1.88	1.01	1.38	3.59	4.29	2.22	1.39	0.54	0.33	0.22	0.07	21.9	21.9		
	0.00	0.02	0.10	0.29	0.84	1.51	1.65	0.86	0.79	1.12	1.83	2.68	2.13	1.49	0.57	0.36	0.21	0.07	16.5	16.5		
	0.00	0.02	0.09	0.30	0.69	1.01	0.71	0.44	0.67	0.86	0.99	1.39	1.84	1.06	0.56	0.38	0.20	0.07	11.3	11.3		
	0.00	0.02	0.08	0.25	0.42	0.46	0.33	0.41	0.72	0.88	0.86	0.95	0.96	0.78	0.54	0.37	0.19	0.07	8.29	8.29		
	0.00	0.02	0.06	0.16	0.24	0.21	0.11	0.35	0.66	0.81	0.78	0.73	0.72	0.63	0.50	0.33	0.19	0.06	6.56	6.56		
	0.00	0.01	0.04	0.08	0.11	0.09	0.11	0.39	0.70	0.83	0.76	0.67	0.61	0.54	0.44	0.30	0.19	0.06	5.93	5.93		
	0.00	0.01	0.02	0.08	0.15	0.17	0.22	0.42	0.66	0.76	0.70	0.62	0.56	0.49	0.38	0.28	0.17	0.06	5.76	5.76		
	0.00	0.01	0.01	0.07	0.22	0.40	0.55	0.62	0.68	0.71	0.70	0.67	0.60	0.48	0.36	0.26	0.16	0.06	6.57	6.57		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)						20	30	40	50	60	70	80	90
Φ t	0.10	0.37	0.92	2.27	4.56	6.89	10.4	15.9	14.9	18.7	25.8	24.6	17.9	12.9	8.05	5.65	3.48	1.13	273			
Φ a	0.10	0.37	0.92	2.27	4.56	6.89	10.4	15.9	14.9	18.7	25.8	24.6	17.9	12.9	8.05	5.65	3.48	1.13			273	

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

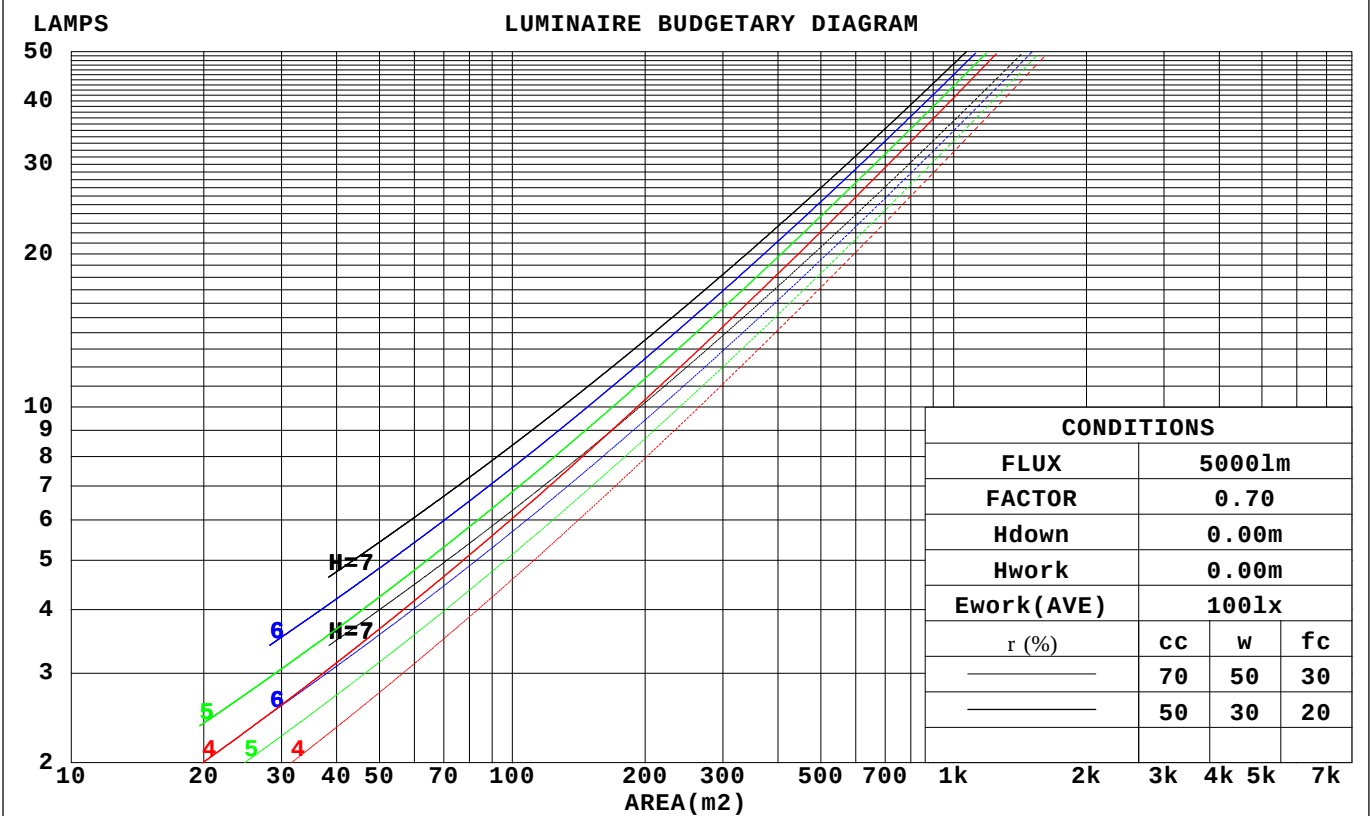
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address:															
NAME: JXL-BD12-BG12W-5CCT								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 4000				DIMENSION:				SERIAL No.:			

r CC	80%			70%			50%			30%			10%			0
r W	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	1.10	1.10	1.10	1.04	1.04	1.04	.91	.91	.91	.80	.80	.80	.69	.69	.69	.64
1.0	.94	.90	.86	.89	.85	.81	.78	.75	.72	.68	.65	.63	.59	.57	.55	.51
2.0	.83	.76	.70	.78	.72	.67	.68	.64	.60	.60	.56	.53	.52	.49	.47	.43
3.0	.73	.65	.59	.69	.62	.56	.61	.55	.51	.53	.49	.45	.46	.43	.40	.37
4.0	.65	.57	.51	.62	.54	.48	.55	.49	.44	.48	.43	.40	.42	.38	.35	.32
5.0	.59	.50	.44	.56	.48	.42	.49	.43	.39	.44	.39	.35	.38	.35	.32	.29
6.0	.53	.45	.39	.50	.43	.38	.45	.39	.34	.40	.35	.31	.35	.31	.28	.26
7.0	.49	.41	.35	.46	.39	.34	.41	.35	.31	.37	.32	.28	.33	.29	.26	.23
8.0	.45	.37	.31	.42	.35	.30	.38	.32	.28	.34	.29	.26	.31	.27	.24	.21
9.0	.41	.34	.29	.39	.32	.28	.35	.30	.26	.32	.27	.24	.29	.25	.22	.20
10.0	.38	.31	.26	.36	.30	.25	.33	.27	.23	.30	.25	.22	.27	.23	.20	.18



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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-BD12-BG12W-5CCT								TYPE :			WEIGHT :			
SPECIFICATION :				CCT(K) : 4000				DIMENSION :			SERIAL No. :			

r CC	80%			70%			50%			30%			10%			0
r W	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						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.328	.186	.059	.310	.177	.056	.276	.158	.051	.245	.141	.045	.216	.125	.040	
2.0	.285	.156	.048	.268	.148	.046	.238	.132	.041	.210	.118	.037	.184	.104	.033	
3.0	.255	.136	.041	.240	.129	.039	.212	.115	.035	.187	.102	.031	.163	.090	.028	
4.0	.231	.120	.035	.218	.114	.034	.192	.102	.030	.169	.091	.027	.147	.080	.024	
5.0	.212	.108	.031	.200	.102	.030	.176	.092	.027	.155	.082	.024	.135	.072	.022	
6.0	.196	.098	.028	.184	.093	.027	.163	.084	.024	.143	.074	.022	.124	.065	.019	
7.0	.182	.090	.025	.171	.085	.024	.151	.077	.022	.133	.068	.020	.116	.060	.018	
8.0	.169	.083	.023	.160	.079	.022	.141	.071	.020	.124	.063	.018	.108	.056	.016	
9.0	.159	.077	.021	.150	.073	.020	.133	.066	.019	.117	.059	.017	.102	.052	.015	
10.0	.149	.071	.020	.141	.068	.019	.125	.061	.017	.110	.055	.016	.096	.048	.014	

r CC	80%			70%			50%			30%			10%			0
r W	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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.464	.464	.464	.397	.397	.397	.271	.271	.271	.156	.156	.156	.050	.050	.050	
1.0	.458	.432	.409	.392	.371	.352	.268	.255	.244	.154	.148	.142	.049	.048	.046	
2.0	.449	.410	.377	.385	.353	.326	.264	.244	.227	.152	.142	.133	.049	.046	.043	
3.0	.441	.394	.356	.378	.340	.309	.260	.236	.217	.150	.138	.128	.048	.045	.042	
4.0	.433	.381	.342	.372	.330	.297	.256	.230	.209	.148	.135	.124	.048	.044	.041	
5.0	.426	.372	.332	.366	.322	.289	.252	.225	.204	.146	.132	.121	.047	.043	.040	
6.0	.419	.364	.324	.360	.315	.282	.248	.221	.200	.144	.130	.119	.046	.042	.039	
7.0	.412	.357	.319	.355	.310	.278	.245	.217	.197	.142	.128	.117	.046	.042	.039	
8.0	.406	.352	.315	.350	.305	.274	.242	.214	.195	.141	.126	.116	.046	.041	.038	
9.0	.400	.347	.311	.345	.301	.272	.239	.212	.193	.139	.125	.115	.045	.041	.038	
10.0	.395	.343	.309	.341	.298	.269	.236	.210	.191	.138	.124	.114	.045	.041	.038	

Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2025年02月20日

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-BD12-BG12W-5CCT						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	17.3	18.3	18.0	19.0	19.9	15.0	16.0	15.7	16.7	17.6	
	3H	19.2	20.2	19.9	20.9	21.8	17.7	18.7	18.5	19.4	20.3
	4H	20.6	21.4	21.3	22.2	23.1	19.3	20.2	20.1	21.0	21.9
	6H	21.8	22.7	22.6	23.4	24.4	21.1	21.9	21.9	22.7	23.7
	8H	22.8	23.6	23.6	24.4	25.3	22.1	22.9	22.9	23.7	24.7
	12H	24.1	24.8	24.9	25.6	26.6	23.3	24.1	24.1	24.9	25.8
4H	2H	17.7	18.6	18.4	19.3	20.3	16.0	16.9	16.8	17.7	18.6
	3H	20.0	20.8	20.8	21.6	22.6	18.7	19.5	19.5	20.3	21.2
	4H	21.5	22.2	22.3	23.0	24.0	20.4	21.1	21.2	21.9	22.9
	6H	23.0	23.6	23.8	24.5	25.5	22.3	23.0	23.2	23.8	24.9
	8H	24.0	24.6	24.9	25.5	26.5	23.5	24.1	24.4	24.9	26.0
	12H	25.4	26.0	26.3	26.9	27.9	24.8	25.3	25.7	26.2	27.3
8H	4H	21.9	22.5	22.7	23.3	24.4	21.0	21.6	21.8	22.4	23.5
	6H	23.7	24.2	24.6	25.1	26.1	23.2	23.7	24.1	24.6	25.7
	8H	24.9	25.4	25.8	26.2	27.4	24.6	25.0	25.5	25.9	27.0
	12H	26.5	26.9	27.4	27.8	28.9	26.1	26.5	27.0	27.4	28.5
12H	4H	22.0	22.5	22.9	23.4	24.5	21.1	21.7	22.0	22.6	23.6
	6H	23.9	24.3	24.8	25.2	26.4	23.5	23.9	24.4	24.8	25.9
	8H	25.2	25.6	26.1	26.5	27.7	25.0	25.3	25.9	26.3	27.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.4 / - 0.5					+ 0.2 / - 0.3					
2.0H	+ 0.5 / - 0.4					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 273.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -4.5)

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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-BD12-BG12W-5CCT		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) $k(RI) \times RCR = 5$									
$k = 0.60$	49	38	32	48	37	31	45	36	30	24
0.80	58	46	39	56	45	38	52	43	37	29
1.00	65	53	45	62	51	44	57	50	42	33
1.25	71	60	52	68	58	50	62	54	48	37
1.50	76	65	57	72	62	55	65	57	52	39
2.00	82	72	64	78	69	62	70	63	57	43
2.50	87	77	70	82	73	67	73	67	61	45
3.00	90	81	74	85	77	71	76	70	65	48
4.00	94	87	81	89	82	77	79	74	70	50
5.00	97	90	85	91	86	81	81	77	73	52
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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-BD12-BG12W-5CCT		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	302	216	89.7	36.3	58.5	161	302	216	89.7	36.3	58.5	161
5.0	267	234	71.6	29.4	53.9	83.4	204	155	33.3	30.1	59.5	62.2
10.0	187	156	42.8	29.0	53.3	94.4	286	68.2	64.3	27.7	63.7	53.7
15.0	94.5	168	70.0	30.5	43.3	95.7	256	44.4	43.1	26.1	53.9	47.6
20.0	238	233	34.7	30.1	21.6	129	124	27.4	15.9	26.8	44.4	43.5
25.0	89.7	97.2	50.8	31.7	19.4	84.1	117	13.6	11.5	26.6	44.5	35.3
30.0	71.5	224	43.7	26.9	17.7	109	16.7	8.42	7.72	23.2	44.8	27.4
35.0	55.6	118	34.3	24.5	12.7	94.0	12.7	4.97	5.88	20.6	41.4	21.8
40.0	47.8	81.3	34.4	28.6	11.3	54.3	11.3	4.14	4.94	18.7	63.0	18.8
45.0	38.0	120	30.7	27.7	5.98	83.4	10.0	3.62	2.92	17.1	40.7	18.3
50.0	29.8	77.0	28.5	27.7	12.3	47.1	8.73	3.23	1.32	14.4	34.8	24.8
55.0	23.7	49.1	26.4	26.8	2.47	29.5	6.99	2.92	1.14	12.1	30.7	33.2
60.0	20.2	38.2	25.8	25.9	1.46	24.2	5.29	2.54	1.04	10.9	29.2	24.2
65.0	21.1	32.0	24.7	28.7	1.25	16.9	3.06	2.19	1.00	9.81	25.8	26.3
70.0	30.5	29.2	22.5	27.3	1.18	10.4	2.95	1.94	0.97	9.46	23.6	23.7
75.0	25.7	25.8	22.1	26.0	1.21	5.74	2.40	1.84	1.00	7.76	21.3	23.4
80.0	24.1	22.6	22.4	24.5	19.4	2.64	1.94	1.67	1.07	7.62	19.4	21.0
85.0	26.8	19.9	23.6	22.9	18.8	1.35	1.67	1.46	0.87	6.92	18.8	20.4
90.0	21.1	19.9	27.5	22.3	20.4	0.70	1.46	19.9	0.80	6.71	20.4	21.1
95.0	20.0	26.2	28.1	20.4	25.8	0.63	1.32	26.2	28.1	5.74	25.8	18.9
100.0	20.0	27.8	25.5	18.9	34.0	0.59	1.21	27.8	25.5	4.90	34.0	17.5
105.0	21.1	19.8	25.6	17.3	23.5	0.59	1.14	19.8	25.6	3.68	23.5	15.5
110.0	17.4	21.5	24.2	16.1	23.6	0.59	1.11	21.5	24.2	2.68	23.6	13.7
115.0	15.9	27.5	24.1	14.5	25.5	0.59	1.11	27.5	24.1	1.39	25.5	12.6
120.0	12.9	23.0	25.8	12.1	24.6	0.66	12.9	23.0	25.8	1.04	24.6	12.4
125.0	11.9	22.9	26.3	9.50	22.3	11.5	11.9	22.9	26.3	0.94	22.3	11.5
130.0	10.9	20.1	27.6	10.0	22.2	9.05	10.9	20.1	27.6	0.91	22.2	9.05
135.0	8.91	20.0	28.6	8.38	24.2	6.96	8.91	20.0	28.6	0.94	24.2	6.96
140.0	8.14	22.5	28.7	6.99	20.7	6.12	8.14	22.5	28.7	0.94	20.7	6.12
145.0	7.06	18.5	25.5	7.37	19.3	4.38	7.06	18.5	25.5	0.97	19.3	4.38
150.0	5.15	17.4	24.5	7.24	18.4	3.51	5.15	17.4	24.5	0.66	18.4	3.51
155.0	3.48	17.0	23.1	6.23	16.9	2.50	3.48	17.0	23.1	0.77	16.9	2.50
160.0	2.15	15.1	21.1	5.63	15.3	2.12	2.15	15.1	21.1	5.63	15.3	2.12
165.0	1.81	13.9	18.4	4.49	13.9	1.81	1.81	13.9	18.4	4.49	13.9	1.81
170.0	1.70	13.0	16.2	3.96	12.2	1.18	1.70	13.0	16.2	3.96	12.2	1.18
175.0	1.63	11.7	14.9	2.47	9.64	1.04	1.63	11.7	14.9	2.47	9.64	1.04
180.0	1.53	9.08	11.6	1.87	6.57	0.94	1.53	9.08	11.6	1.87	6.57	0.94

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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