

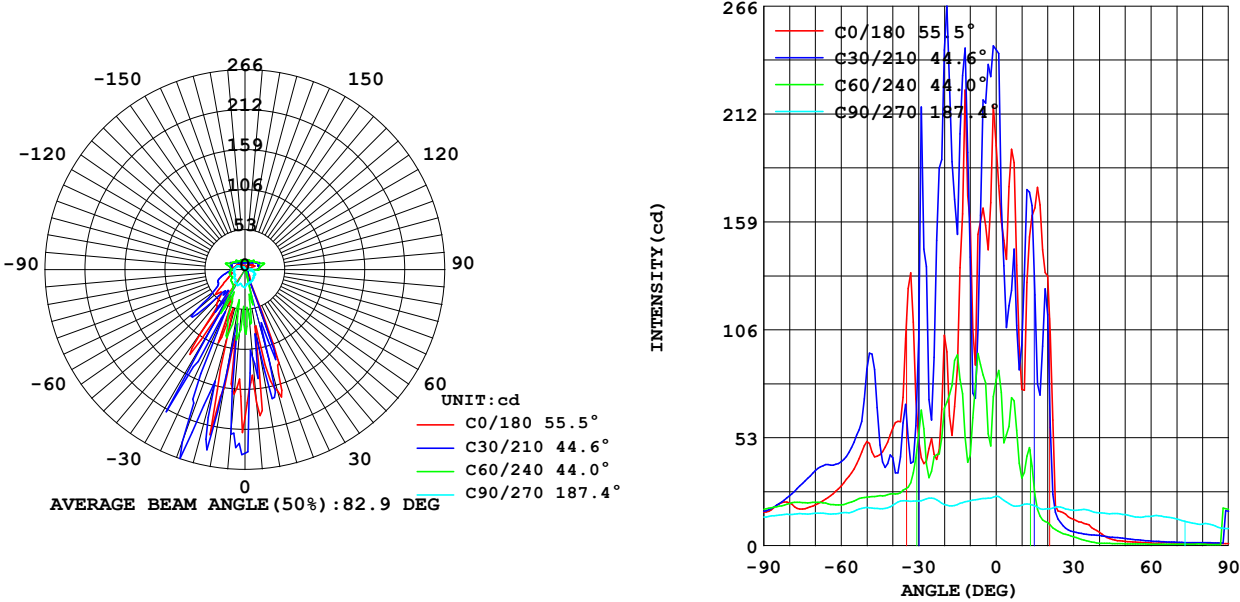
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WMBG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 0	DIMENSION:	SERIAL No.:

MODEL:		Imax (cd):	265.6	Effictive Flux(lm):	237.2
NOMINAL POWER (W):	12	MAXIMUM(C, g):	30, 19.0	EEI	0.475
RATED VOLTAGE (V):	122	EFFICIENCY (%):	100.0	Voltage (V)	122.0
NOMINAL FLUX (lm):	237.2	h street_up (%):	19.7	Current (A)	0.099
TEST FLUX (lm):	237.2	h street_down (%):	35.6	Power (W)	11.96
LAMPS QUANTITY:	1	h house_up (%):	17.4	Power Factor	0.983
TOTAL RADIANT (mw):	237.2	h house_down (%):	27.3	EEFICIENCY (lm/W)	19.8

LUMINOUS INTENSITY DISTRIBUTION



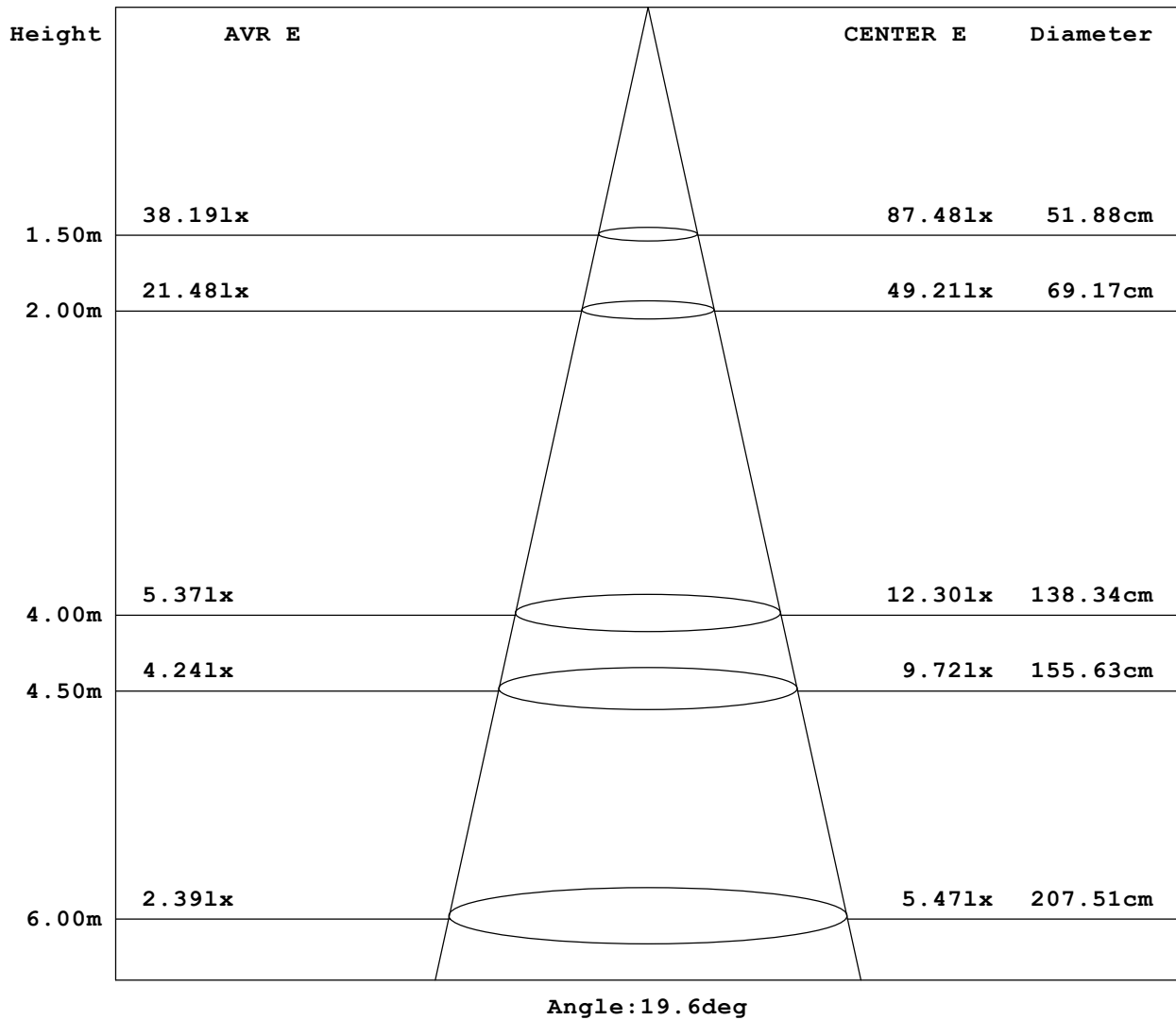
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks: 东莞闽光 12C4BX2 36V 600MA 3000,

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WMBG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 0	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: 东莞闽光 12C4BX2 36V 600MA 3000,

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WMBG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 0	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	total
5.0	166.1	151.7	23.28	71.06	176.6	88.38	20.64	104.8	0- 5	2.511	2.511
10.0	158.7	93.25	22.13	52.78	76.96	65.99	19.87	79.34	5- 10	5.855	8.366
15.0	87.93	123.6	20.25	24.27	166.2	74.19	19.66	101.5	10- 15	10.70	19.07
20.0	103.5	155.8	20.25	13.95	132.4	62.55	18.13	114.5	15- 20	12.86	31.93
25.0	52.66	49.23	23.46	6.892	16.77	8.998	19.00	53.81	20- 25	10.26	42.19
30.0	51.51	78.32	21.99	4.490	12.94	5.621	17.33	70.99	25- 30	9.052	51.25
35.0	101.9	48.76	22.20	2.958	10.65	4.020	17.78	33.10	30- 35	8.560	59.81
40.0	57.92	34.42	19.98	1.879	6.683	3.150	16.22	30.89	35- 40	7.264	67.07
45.0	44.83	37.07	18.17	1.670	2.993	2.593	15.76	35.12	40- 45	7.188	74.26
50.0	51.24	55.40	18.79	1.496	2.123	2.245	15.28	49.08	45- 50	9.414	83.68
55.0	37.73	36.46	16.91	1.270	1.705	1.844	14.06	47.27	50- 55	9.941	93.62
60.0	29.41	30.71	16.18	1.061	1.357	1.531	14.48	35.76	55- 60	8.497	102.1
65.0	23.74	30.23	15.62	1.044	1.462	1.340	14.23	32.82	60- 65	7.752	109.8
70.0	20.15	29.15	15.97	0.992	1.357	1.218	13.15	31.32	65- 70	7.695	117.5
75.0	18.03	25.95	15.73	0.905	1.253	1.148	11.41	29.50	70- 75	7.327	124.8
80.0	21.02	22.60	15.35	25.77	1.183	1.148	10.68	25.77	75- 80	8.003	132.8
85.0	19.94	19.54	14.86	21.28	1.113	0.992	9.746	21.28	80- 85	8.413	141.3
90.0	16.46	17.38	14.02	18.50	1.044	17.38	8.354	18.50	85- 90	7.899	149.2
95.0	17.26	18.57	14.44	17.64	0.940	18.57	8.145	17.64	90- 95	8.308	157.5
100.0	16.18	19.92	13.95	20.43	0.905	19.92	7.449	20.43	95-100	8.810	166.3
105.0	14.48	21.84	12.81	22.48	0.905	21.84	6.126	22.48	100-105	9.229	175.5
110.0	13.08	22.48	12.21	20.92	13.08	22.48	4.768	20.92	105-110	9.250	184.8
115.0	12.84	20.81	11.83	20.20	12.84	20.81	3.202	20.20	110-115	8.869	193.6
120.0	12.14	18.72	9.572	20.20	12.14	18.72	1.844	20.20	115-120	8.104	201.7
125.0	10.30	17.14	5.639	17.66	10.30	17.14	0.940	17.66	120-125	6.853	208.6
130.0	9.851	15.42	5.395	16.76	9.851	15.42	0.835	16.76	125-130	5.812	214.4
135.0	9.294	15.35	5.499	15.17	9.294	15.35	0.766	15.17	130-135	5.069	219.5
140.0	8.667	14.02	4.873	13.40	8.667	14.02	0.731	13.40	135-140	4.351	223.8
145.0	7.901	12.51	3.933	12.44	7.901	12.51	0.696	12.44	140-145	3.527	227.3
150.0	6.822	11.50	2.924	11.59	6.822	11.50	0.661	11.59	145-150	2.807	230.2
155.0	5.325	11.76	1.775	11.01	5.325	11.76	0.627	11.01	150-155	2.248	232.4
160.0	2.819	11.93	0.661	11.13	2.819	11.93	0.487	11.13	155-160	1.779	234.2
165.0	1.984	11.92	0.696	10.70	1.984	11.92	0.661	10.70	160-165	1.331	235.5
170.0	1.844	11.20	0.731	10.33	1.844	11.20	0.731	10.33	165-170	0.937	236.5
175.0	1.740	10.79	0.766	9.938	1.740	10.79	0.766	9.938	170-175	0.531	237.0
180.0	1.636	10.59	0.696	10.18	1.636	10.59	0.696	10.18	175-180	0.179	237.2
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

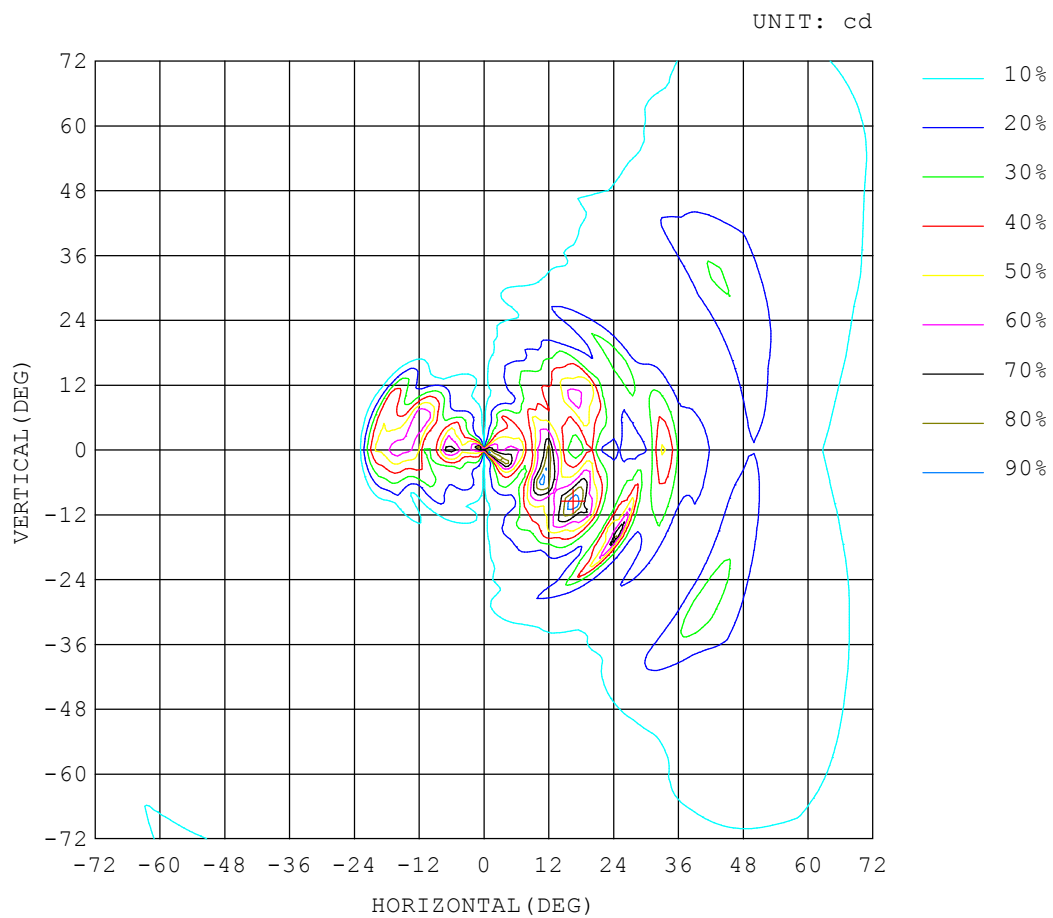
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks: 东莞闽光 12C4BX2 36V 600MA 3000,

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WMBG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 0	DIMENSION:	SERIAL No.:



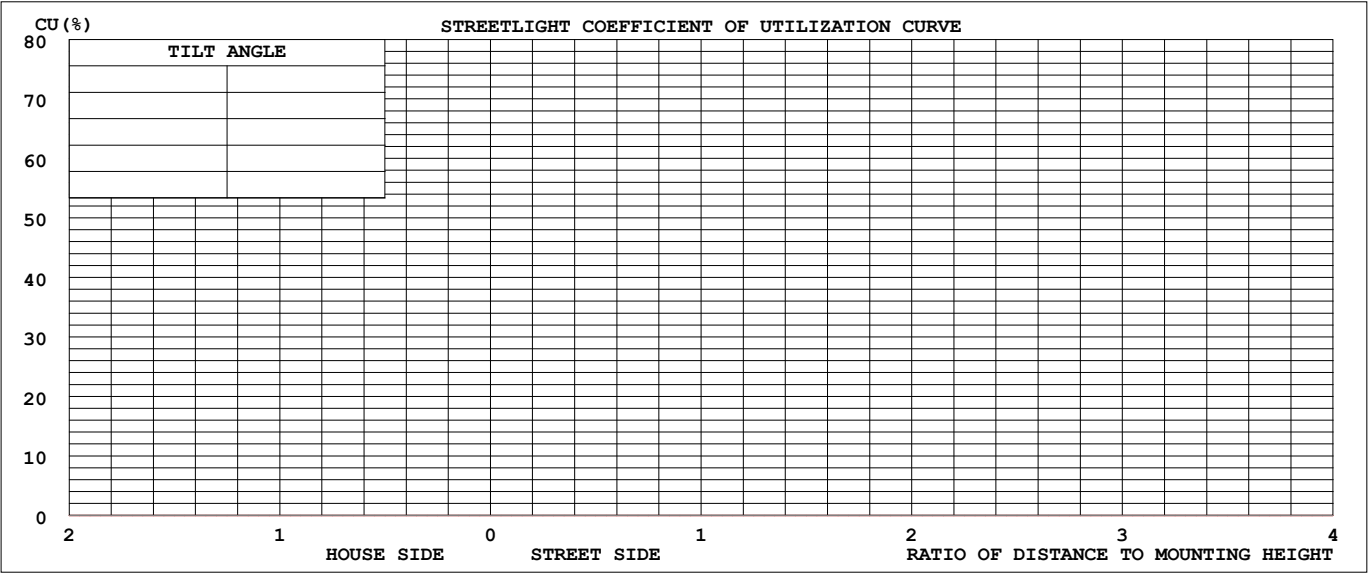
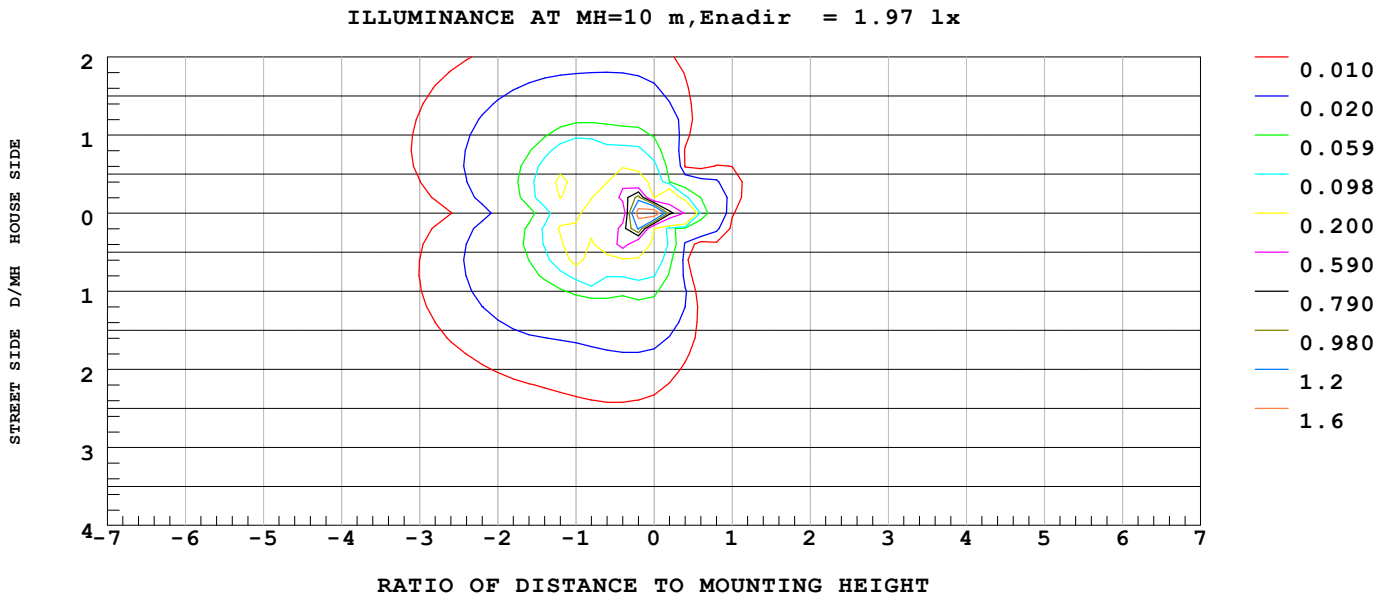
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks: 东莞闽光 12C4BX2 36V 600MA 3000,

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WMBG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 0	DIMENSION:	SERIAL No.:

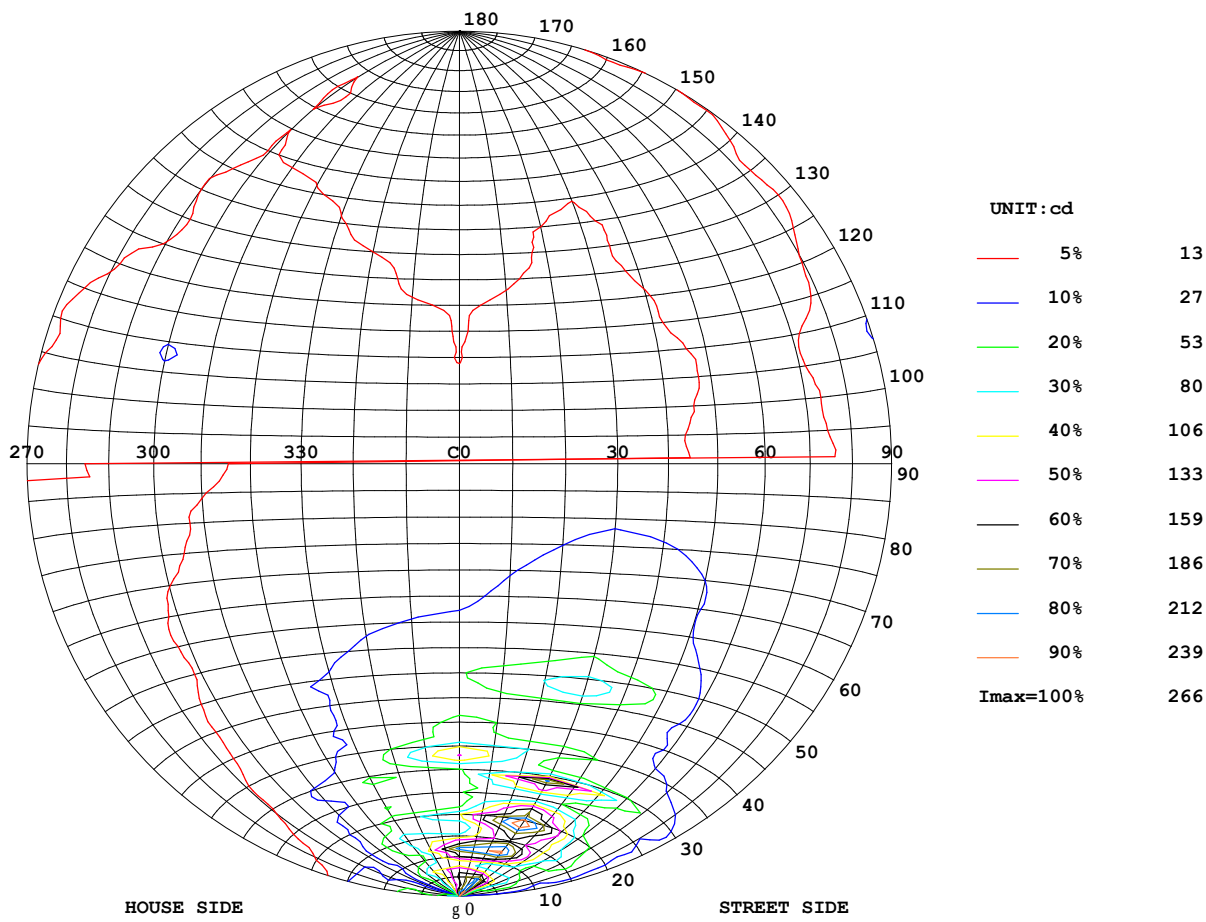


Test System:HOPOO HPG1800	Test Set: 5.0deg/s C-Gamma (TYPE C)
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:5.900 m
Test Date:2025年02月20日	Remarks: 东莞闽光 12C4BX2 36V 600MA 3000,

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WMBG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 0	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: 东莞闽光 12C4BX2 36V 600MA 3000,

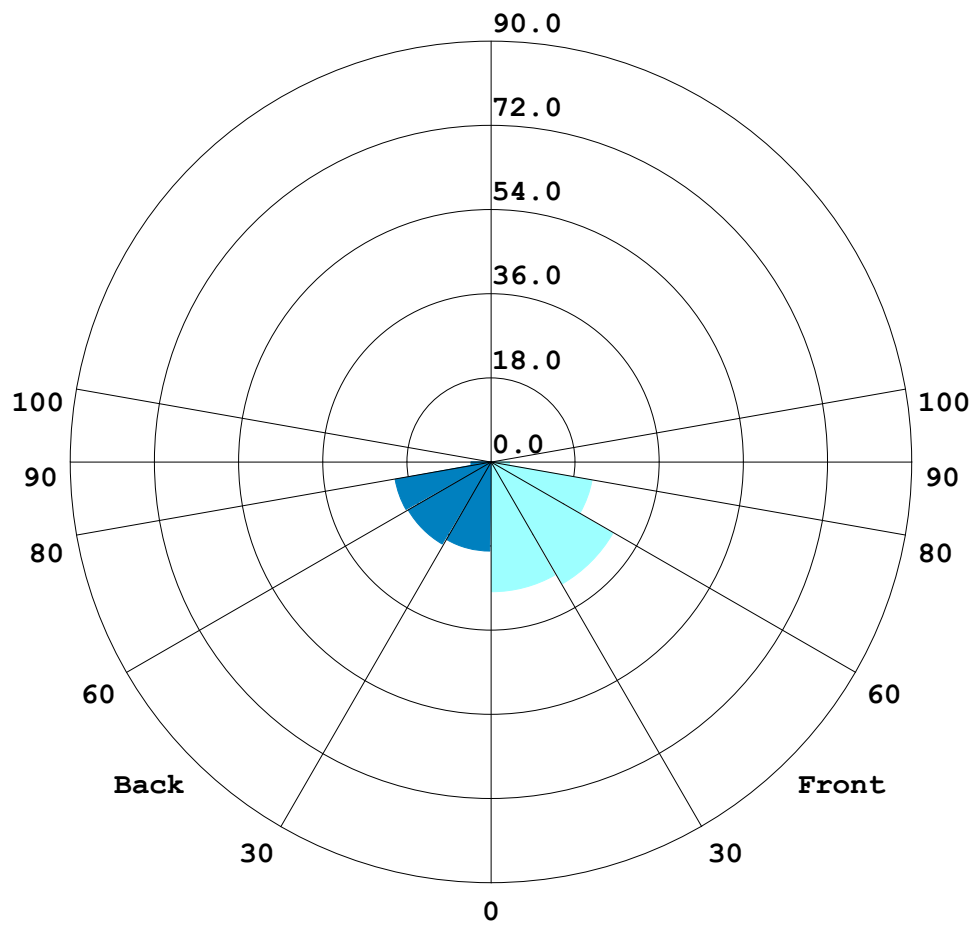
LCS Report

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WMBG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 0	DIMENSION:	SERIAL No.:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH

Uplight



Test System:HOPOO 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: 东莞闽光 12C4BX2 36V 600MA 3000,

BUG Report

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WMBG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 0	DIMENSION:	SERIAL No.:

IESNA Luminaire Flux Distribution Table

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	27.9	11.8
FM - Front-Medium(30-60)	30.4	12.8
FH - Front-High(60-80)	22.1	9.3
FVH - Front-VeryHigh(80-90)	4.1	1.7
Total Forward Light	84.4	35.6

BL - Back-Low(0-30)	19.2	8.1
BM - Back-Medium(30-60)	20.5	8.6
BH - Back-High(60-80)	20.8	8.8
BVH - Back-VeryHigh(80-90)	4.3	1.8
Total Back Light	64.8	27.3

UL - Uplight-Low(90-100)	0.0	0.0
UH - Uplight-High(100-180)	88.0	37.1
Total UpLight	88.0	37.1

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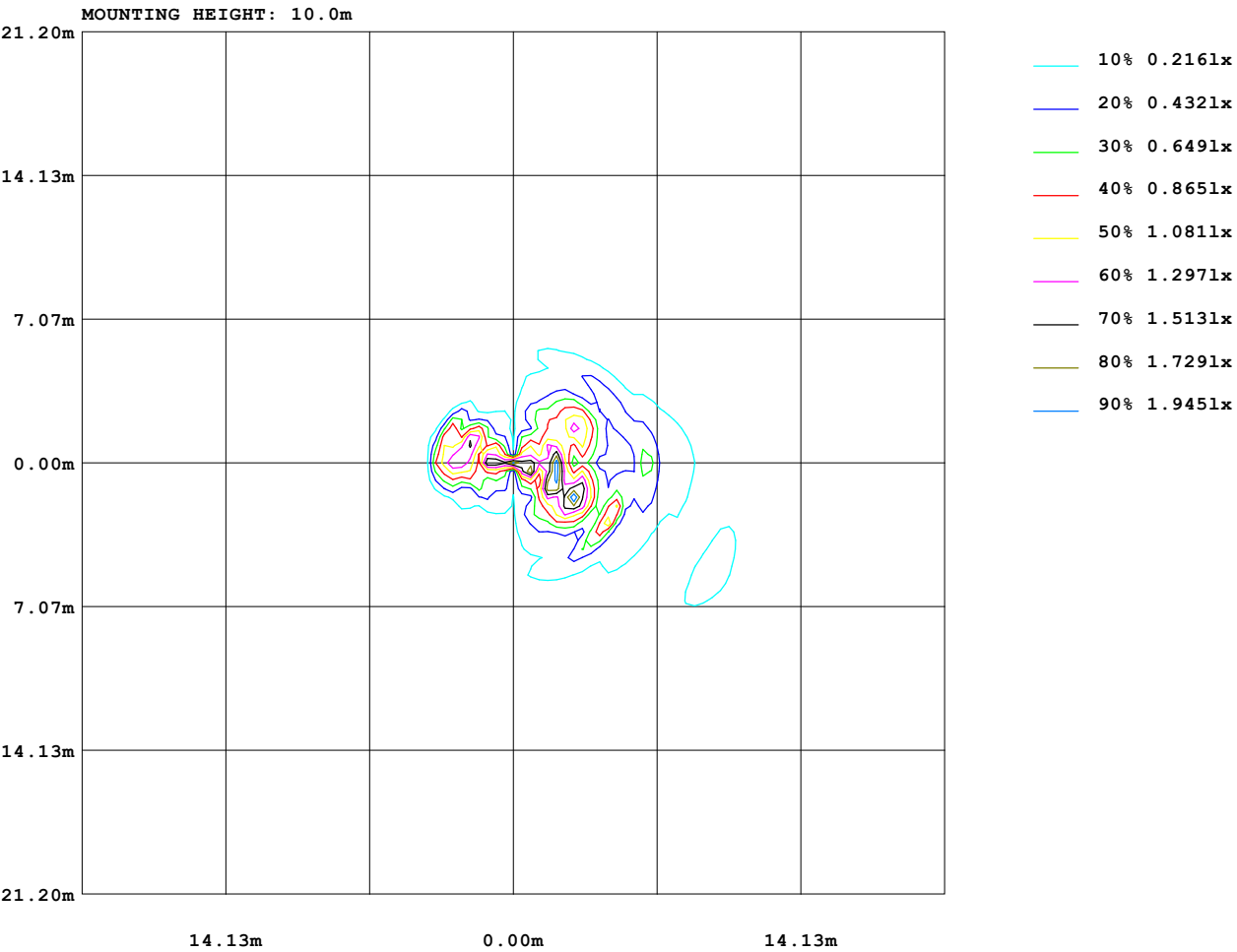
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks: 东莞闽光 12C4BX2 36V 600MA 3000,

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WMBG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 0	DIMENSION:	SERIAL No.:



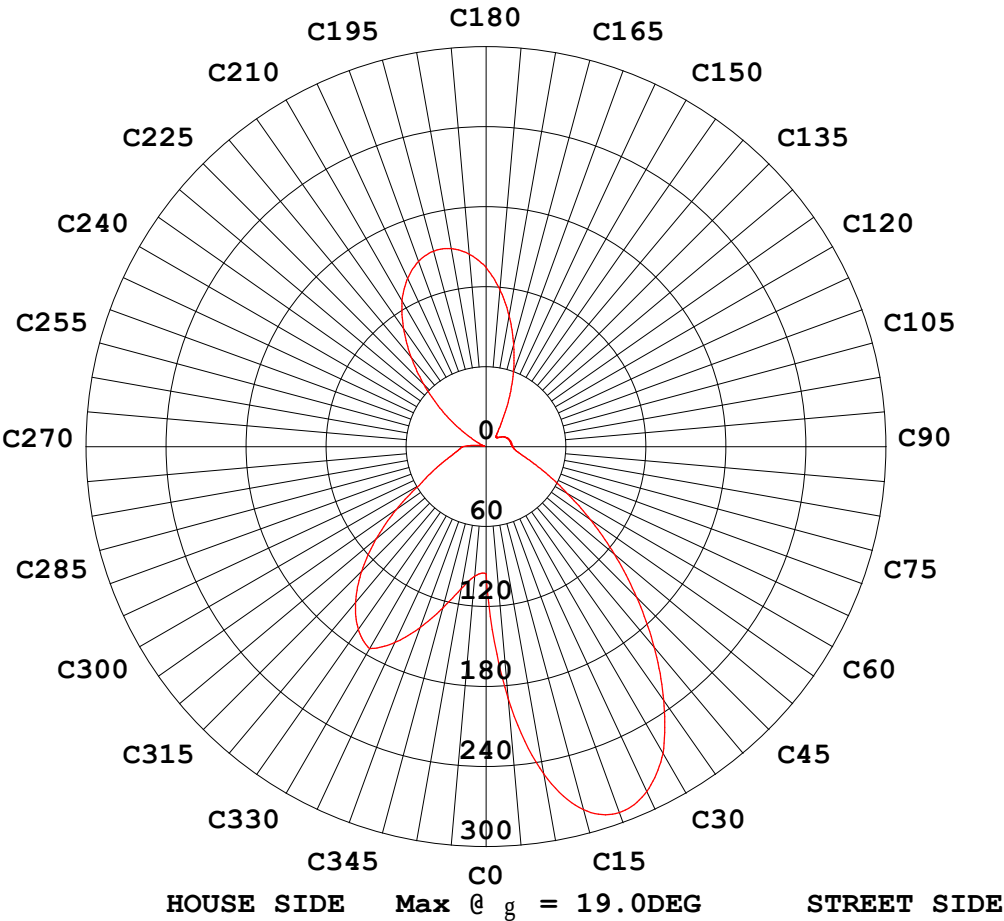
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks: 东莞闽光 12C4BX2 36V 600MA 3000,

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WMBG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 0	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800	Test Set: 5.0deg/s C-Gamma (TYPE C)
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:5.900 m
Test Date:2025年02月20日	Remarks: 东莞闽光 12C4BX2 36V 600MA 3000,

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:																			
Address:																			
NAME: JXL-BD12-WMBG12W-5CCT										TYPE:					WEIGHT:				
SPECIFICATION:					CCT (K): 0					DIMENSION:					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.01	0.01	0.02	0.02	0.02	0.02	0.08	0.15	0.23	0.29	0.34	0.38	0.40	0.43	0.42	0.38	0.29	0.19	3.68	3.68
72	0.01	0.01	0.02	0.02	0.02	0.02	0.07	0.16	0.24	0.31	0.35	0.39	0.43	0.47	0.47	0.43	0.33	0.20	3.94	3.94
64	0.01	0.02	0.02	0.02	0.02	0.02	0.06	0.15	0.24	0.32	0.38	0.42	0.49	0.54	0.52	0.47	0.34	0.20	4.24	4.24
56	0.01	0.02	0.02	0.03	0.03	0.03	0.04	0.14	0.25	0.35	0.43	0.49	0.65	0.79	0.68	0.51	0.34	0.21	5.01	5.01
48	0.01	0.02	0.03	0.04	0.04	0.04	0.04	0.13	0.27	0.38	0.46	0.52	0.59	0.84	0.96	0.56	0.34	0.20	5.45	5.45
40	0.01	0.02	0.03	0.05	0.06	0.06	0.07	0.13	0.28	0.48	0.70	0.64	0.56	0.66	0.93	0.64	0.34	0.20	5.84	5.84
32	0.01	0.02	0.03	0.05	0.08	0.10	0.13	0.21	0.30	0.64	1.01	1.14	0.77	0.63	0.73	0.67	0.34	0.19	7.02	7.02
24	0.01	0.02	0.03	0.05	0.11	0.15	0.59	1.23	0.62	0.99	2.01	1.92	1.22	0.83	0.65	0.63	0.33	0.18	11.5	11.5
16	0.01	0.01	0.03	0.05	0.14	0.22	1.60	2.51	1.79	1.89	2.37	1.72	1.03	1.21	0.66	0.57	0.31	0.17	16.3	16.3
8	0.01	0.01	0.02	0.05	0.13	0.20	1.26	1.70	1.47	2.05	3.10	2.06	1.17	1.25	0.68	0.57	0.30	0.16	16.2	16.2
0	0.01	0.01	0.02	0.03	0.08	0.09	0.19	0.51	0.56	1.02	2.76	2.36	1.63	0.93	0.74	0.59	0.31	0.18	12.0	12.0
-8	0.01	0.01	0.02	0.02	0.04	0.04	0.09	0.21	0.35	0.70	1.07	1.60	0.95	0.68	0.92	0.56	0.31	0.18	7.77	7.77
-16	0.01	0.01	0.01	0.02	0.02	0.04	0.07	0.19	0.36	0.57	0.79	0.70	0.63	0.82	1.01	0.51	0.32	0.19	6.27	6.27
-24	0.01	0.01	0.01	0.01	0.02	0.03	0.05	0.18	0.34	0.45	0.47	0.48	0.64	1.00	0.73	0.48	0.32	0.19	5.41	5.41
-32	0.01	0.01	0.01	0.01	0.02	0.03	0.06	0.17	0.30	0.38	0.42	0.45	0.63	0.62	0.55	0.46	0.32	0.19	4.63	4.63
-40	0.02	0.01	0.01	0.01	0.02	0.03	0.08	0.18	0.30	0.37	0.39	0.39	0.42	0.46	0.47	0.45	0.31	0.18	4.09	4.09
-48	0.10	0.01	0.01	0.01	0.02	0.03	0.09	0.18	0.27	0.32	0.34	0.35	0.37	0.43	0.44	0.39	0.28	0.17	3.80	3.80
-56	0.14	0.19	0.07	0.03	0.02	0.03	0.10	0.18	0.27	0.32	0.35	0.36	0.37	0.39	0.37	0.32	0.25	0.16	3.91	3.91
-64	0.14	0.19	0.07	0.03	0.02	0.03	0.10	0.18	0.27	0.32	0.35	0.36	0.37	0.39	0.37	0.32	0.25	0.16	3.91	3.91
-72	0.14	0.19	0.07	0.03	0.02	0.03	0.10	0.18	0.27	0.32	0.35	0.36	0.37	0.39	0.37	0.32	0.25	0.16	3.91	3.91
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																				
Φ t	0.40	0.41	0.39	0.53	0.87	1.15	4.69	8.31	8.43	11.8	17.7	16.4	12.9	12.9	11.9	9.20	5.66	3.32	237	
Φ a	0.40	0.41	0.39	0.53	0.87	1.15	4.69	8.31	8.43	11.8	17.7	16.4	12.9	12.9	11.9	9.20	5.66	3.32		237

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

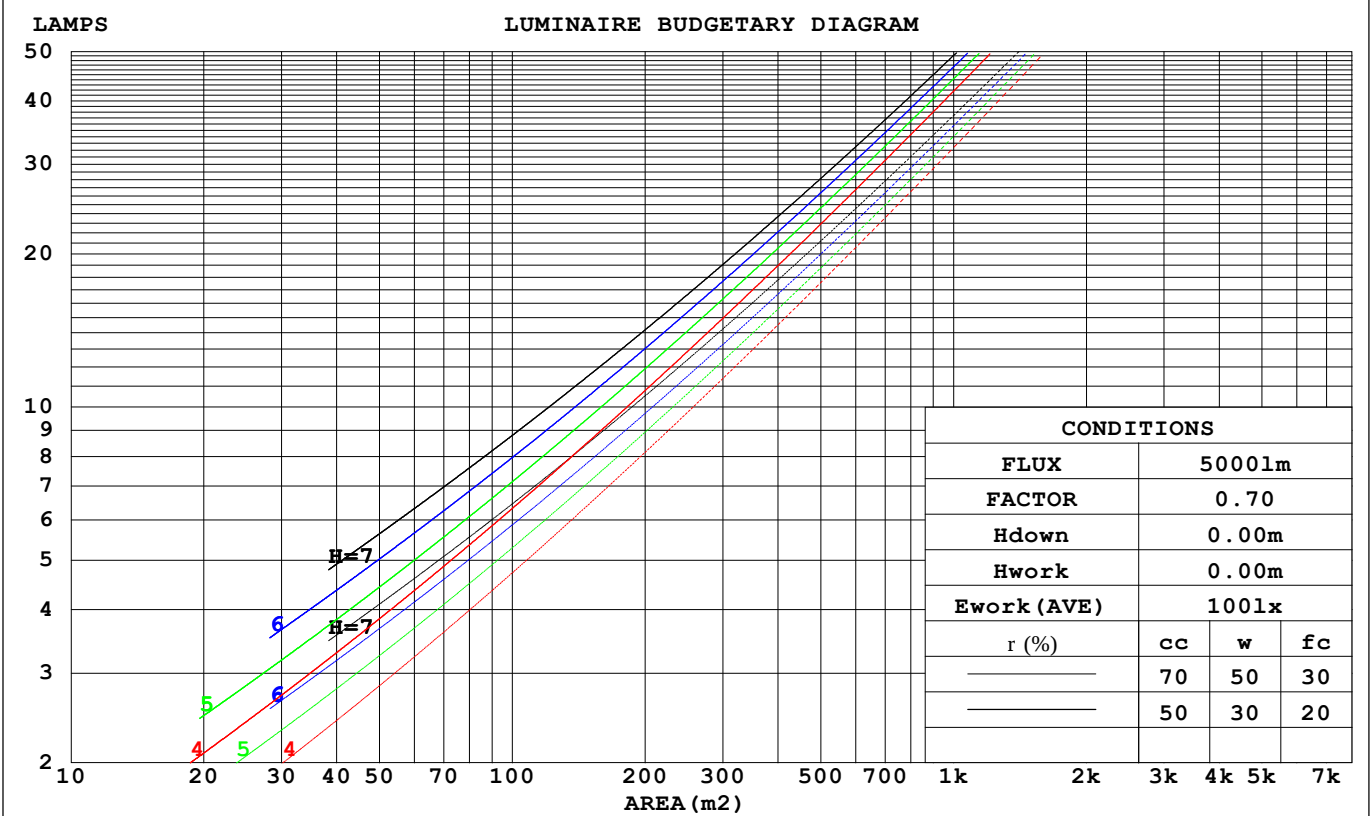
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks: 东莞闽光 12C4BX2 36V 600MA 3000,

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WMBG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 0	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	1.03	1.03	1.03	.91	.91	.91	.79	.79	.79	.68	.68	.68	.63														
1.0	.93	.88	.84	.87	.83	.79	.76	.73	.70	.66	.63	.61	.56	.55	.53	.48														
2.0	.81	.74	.68	.76	.70	.64	.66	.61	.57	.57	.54	.50	.49	.47	.44	.40														
3.0	.71	.63	.57	.67	.60	.54	.59	.53	.48	.51	.47	.43	.44	.41	.38	.34														
4.0	.64	.55	.49	.60	.52	.46	.53	.47	.42	.46	.41	.37	.40	.36	.33	.30														
5.0	.57	.49	.42	.54	.46	.40	.48	.41	.37	.42	.37	.33	.36	.32	.29	.26														
6.0	.52	.43	.37	.49	.41	.36	.43	.37	.33	.38	.33	.29	.34	.30	.26	.24														
7.0	.47	.39	.33	.45	.37	.32	.40	.34	.29	.35	.30	.27	.31	.27	.24	.22														
8.0	.43	.36	.30	.41	.34	.29	.37	.31	.27	.33	.28	.24	.29	.25	.22	.20														
9.0	.40	.32	.27	.38	.31	.26	.34	.28	.24	.31	.26	.22	.27	.23	.20	.18														
10.0	.37	.30	.25	.35	.29	.24	.32	.26	.22	.29	.24	.21	.26	.22	.19	.17														



Test System:HOPOO 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: 东莞闽光 12C4BX2 36V 600MA 3000,

WEC AND CCEC

Report number:

MANUFACTURER:											
Address:											
NAME: JXL-BD12-WMBG12W-5CCT						TYPE:			WEIGHT:		
SPECIFICATION:			CCT (K): 0			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	.348	.198	.063	.330	.188	.060	.295	.170	.054	.264	.152	.049	.235	.136	.044	
2.0	.298	.163	.050	.281	.155	.048	.250	.139	.043	.221	.124	.039	.194	.110	.035	
3.0	.264	.141	.042	.249	.133	.040	.221	.119	.036	.194	.106	.033	.170	.094	.029	
4.0	.238	.124	.036	.224	.117	.035	.198	.105	.031	.174	.094	.028	.152	.082	.025	
5.0	.217	.111	.032	.204	.105	.031	.181	.094	.028	.158	.084	.025	.138	.074	.022	
6.0	.199	.100	.029	.188	.095	.027	.166	.085	.025	.145	.076	.022	.126	.067	.020	
7.0	.184	.091	.026	.174	.087	.025	.154	.078	.022	.135	.069	.020	.117	.061	.018	
8.0	.171	.084	.024	.162	.080	.022	.143	.071	.020	.125	.064	.018	.109	.056	.016	
9.0	.160	.077	.022	.151	.074	.021	.134	.066	.019	.117	.059	.017	.102	.052	.015	
10.0	.150	.072	.020	.142	.069	.019	.126	.062	.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	.473	.473	.473	.404	.404	.404	.276	.276	.276	.159	.159	.159	.051	.051	.051	
1.0	.468	.441	.416	.400	.378	.358	.274	.260	.248	.158	.151	.144	.050	.048	.047	
2.0	.460	.419	.384	.394	.360	.332	.270	.249	.232	.156	.145	.136	.050	.047	.044	
3.0	.452	.403	.364	.387	.347	.315	.266	.241	.221	.154	.141	.130	.049	.046	.043	
4.0	.444	.390	.350	.381	.337	.304	.262	.235	.214	.151	.138	.127	.049	.045	.042	
5.0	.436	.381	.340	.375	.329	.296	.258	.230	.209	.149	.135	.124	.048	.044	.041	
6.0	.429	.373	.333	.369	.323	.290	.254	.226	.205	.148	.133	.122	.048	.043	.040	
7.0	.422	.367	.327	.363	.318	.285	.251	.223	.202	.146	.131	.120	.047	.043	.040	
8.0	.416	.361	.323	.358	.313	.282	.248	.220	.200	.144	.130	.119	.047	.043	.039	
9.0	.410	.356	.320	.353	.309	.279	.245	.217	.198	.143	.128	.118	.046	.042	.039	
10.0	.405	.352	.318	.349	.306	.277	.242	.215	.197	.141	.127	.118	.046	.042	.039	

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: 东莞闽光 12C4BX2 36V 600MA 3000,

UGR Table

Report number:

MANUFACTURER:											
Address:											
NAME: JXL-BD12-WMBG12W-5CCT						TYPE:		WEIGHT:			
SPECIFICATION:			CCT (K) : 0			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	13.9	14.9	14.6	15.6	16.5	9.1	10.1	9.8	10.9	11.7	
	3H	15.4	16.4	16.2	17.1	18.1	11.5	12.5	12.2	13.2	14.1
	4H	16.2	17.1	17.0	17.9	18.9	13.0	13.9	13.8	14.7	15.6
	6H	17.4	18.2	18.1	19.0	20.0	14.7	15.5	15.5	16.3	17.3
	8H	18.2	19.0	19.0	19.8	20.8	15.7	16.5	16.5	17.3	18.3
	12H	19.1	19.9	19.9	20.7	21.7	16.7	17.5	17.5	18.3	19.3
4H	2H	14.3	15.2	15.0	16.0	16.9	11.1	12.0	11.9	12.8	13.7
	3H	16.5	17.3	17.3	18.1	19.1	13.4	14.2	14.2	15.0	16.0
	4H	17.6	18.3	18.4	19.1	20.2	14.9	15.6	15.7	16.5	17.5
	6H	18.9	19.6	19.8	20.4	21.5	16.6	17.3	17.5	18.1	19.2
	8H	19.8	20.4	20.6	21.2	22.3	17.6	18.2	18.5	19.1	20.2
	12H	20.8	21.3	21.6	22.2	23.3	18.7	19.2	19.6	20.1	21.2
8H	4H	18.1	18.7	18.9	19.5	20.6	16.1	16.7	17.0	17.6	18.6
	6H	19.8	20.3	20.7	21.2	22.3	18.0	18.5	18.9	19.4	20.6
	8H	20.8	21.3	21.7	22.2	23.3	19.1	19.6	20.0	20.5	21.6
	12H	22.0	22.4	22.9	23.3	24.5	20.4	20.8	21.3	21.7	22.9
12H	4H	18.1	18.7	19.0	19.6	20.7	16.3	16.9	17.2	17.8	18.9
	6H	20.0	20.4	20.9	21.3	22.5	18.4	18.9	19.3	19.8	20.9
	8H	21.1	21.5	22.0	22.4	23.6	19.7	20.1	20.6	21.0	22.1
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.4 / - 0.4					+ 0.2 / - 0.3					
2.0H	+ 0.5 / - 0.6					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 237.2 lm Total Lamp Luminous Flux. (8log(F/F0) = -5.0)

Test System:HOPOO 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: 东莞闽光 12C4BX2 36V 600MA 3000,

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WMBG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 0	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) $k(RI) \times RCR = 5$									
$k = 0.60$	47	35	29	45	35	28	43	33	28	21
0.80	56	43	36	53	42	35	49	40	34	26
1.00	63	50	42	60	49	41	55	47	39	30
1.25	69	57	49	66	55	47	60	51	44	33
1.50	74	62	54	70	59	52	63	55	48	36
2.00	81	70	62	76	67	59	68	61	55	40
2.50	85	75	67	80	71	64	71	64	59	42
3.00	88	79	72	83	75	69	74	67	62	44
4.00	93	85	78	87	80	75	77	72	67	48
5.00	96	89	83	90	84	79	79	75	71	50
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: 东莞闽光 12C4BX2 36V 600MA 3000,

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WMBG12W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT (K): 0	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	197	244	81.7	24.2	111	152	197	244	81.7	24.2	111	152
5.0	166	219	84.0	23.2	54.5	87.5	177	118	58.6	20.6	82.7	127
10.0	159	142	44.5	22.1	31.5	74.0	76.9	98.7	33.2	19.8	47.6	111
15.0	87.9	153	94.0	20.2	22.8	25.7	166	123	24.9	19.6	84.6	118
20.0	104	244	67.6	20.2	14.0	13.8	132	114	11.4	18.1	63.0	166
25.0	52.6	61.7	36.6	23.4	9.74	4.03	16.7	11.4	6.54	19.0	32.9	74.6
30.0	51.5	102	54.9	21.9	6.85	2.12	12.9	6.89	4.35	17.3	51.4	90.5
35.0	102	69.5	28.0	22.2	4.14	1.77	10.6	5.60	2.43	17.7	29.2	36.9
40.0	57.9	43.3	25.5	19.9	2.22	1.53	6.68	5.04	1.25	16.2	28.1	33.6
45.0	44.8	49.5	24.5	18.1	1.98	1.35	2.99	4.10	1.07	15.7	27.4	42.7
50.0	51.2	86.9	23.8	18.7	1.81	1.18	2.12	3.55	0.94	15.2	27.7	70.4
55.0	37.7	50.9	21.9	16.9	1.63	0.91	1.70	2.85	0.84	14.0	24.0	70.5
60.0	29.4	41.3	20.1	16.1	1.42	0.70	1.35	2.29	0.77	14.4	22.6	48.9
65.0	23.7	39.9	20.5	15.6	1.32	0.77	1.46	1.91	0.77	14.2	23.9	41.7
70.0	20.1	37.0	21.3	15.9	1.21	0.77	1.35	1.67	0.77	13.1	23.6	39.0
75.0	18.0	30.6	21.2	15.7	1.07	0.73	1.25	1.53	0.77	11.4	22.9	36.0
80.0	21.0	24.4	20.7	15.3	21.7	29.8	1.18	1.53	0.77	10.6	21.7	29.8
85.0	19.9	19.8	19.2	14.8	19.4	23.1	1.11	1.39	0.59	9.74	19.4	23.1
90.0	16.4	16.8	17.8	14.0	17.8	19.1	1.04	16.8	17.8	8.35	17.8	19.1
95.0	17.2	18.2	18.8	14.4	17.5	17.7	0.94	18.2	18.8	8.14	17.5	17.7
100.0	16.1	19.5	20.2	13.9	19.6	21.1	0.91	19.5	20.2	7.44	19.6	21.1
105.0	14.4	18.7	24.9	12.8	23.2	21.7	0.91	18.7	24.9	6.12	23.2	21.7
110.0	13.0	18.8	26.1	12.2	22.8	19.0	13.0	18.8	26.1	4.76	22.8	19.0
115.0	12.8	21.6	19.9	11.8	20.1	20.2	12.8	21.6	19.9	3.20	20.1	20.2
120.0	12.1	18.1	19.3	9.57	19.8	20.6	12.1	18.1	19.3	1.84	19.8	20.6
125.0	10.3	16.9	17.3	5.63	17.0	18.2	10.3	16.9	17.3	0.94	17.0	18.2
130.0	9.85	14.9	15.8	5.39	15.9	17.5	9.85	14.9	15.8	0.84	15.9	17.5
135.0	9.29	13.5	17.1	5.49	15.2	15.1	9.29	13.5	17.1	0.77	15.2	15.1
140.0	8.66	12.6	15.4	4.87	12.9	13.8	8.66	12.6	15.4	0.73	12.9	13.8
145.0	7.90	11.5	13.5	3.93	12.2	12.6	7.90	11.5	13.5	0.70	12.2	12.6
150.0	6.82	9.74	13.2	2.92	13.1	10.0	6.82	9.74	13.2	0.66	13.1	10.0
155.0	5.32	10.1	13.3	1.77	12.2	9.81	5.32	10.1	13.3	0.63	12.2	9.81
160.0	2.81	9.64	14.2	0.66	12.5	9.71	2.81	9.64	14.2	0.49	12.5	9.71
165.0	1.98	10.7	13.0	0.70	11.7	9.64	1.98	10.7	13.0	0.66	11.7	9.64
170.0	1.84	10.5	11.9	0.73	10.5	10.1	1.84	10.5	11.9	0.73	10.5	10.1
175.0	1.74	9.95	11.6	0.77	10.4	9.43	1.74	9.95	11.6	0.77	10.4	9.43
180.0	1.63	9.32	11.8	0.70	10.7	9.60	1.63	9.32	11.8	0.70	10.7	9.60

Test System:HOPOO 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: 东莞闽光 12C4BX2 36V 600MA 3000,