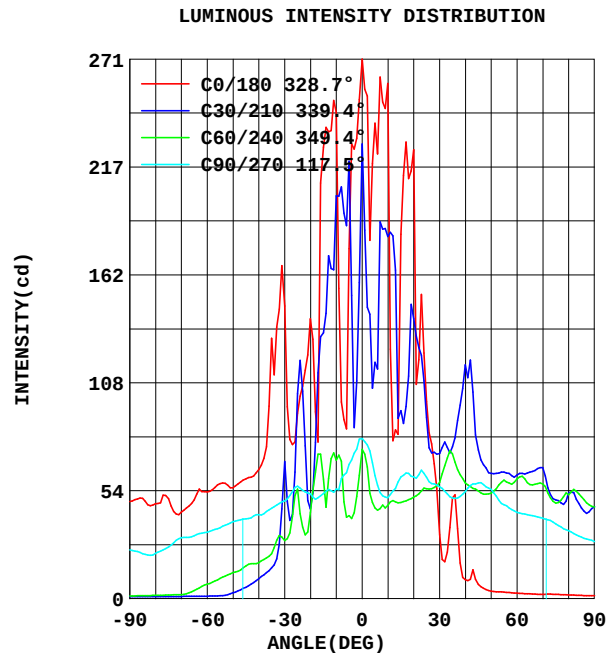
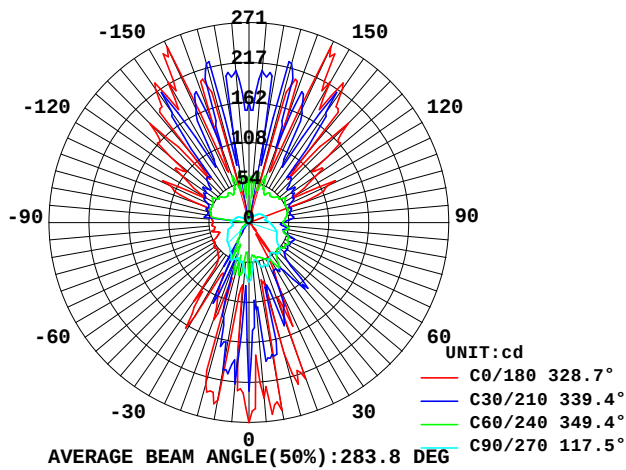


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD18-BG20W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	270.7	Effictive Flux(lm):	610.6
NOMINAL POWER(W):	20	MAXIMUM(C, g):	0, 0.0	EEI	0.399
RATED VOLTAGE(V):	122	EFFICIENCY(%):	100.0	Voltage(V)	121.9
NOMINAL FLUX(lm):	610.6	h street_up(%):	32.3	Current(A)	0.171
TEST FLUX(lm):	610.6	h street_down(%):	21.4	Power(W)	20.62
LAMPS QUANTITY:	1	h house_up(%)	24.3	Power Factor	0.989
TOTAL RADIANT(mw):	610.6	h house_down(%):	21.9	EEFICIENCY(lm/W)	29.6



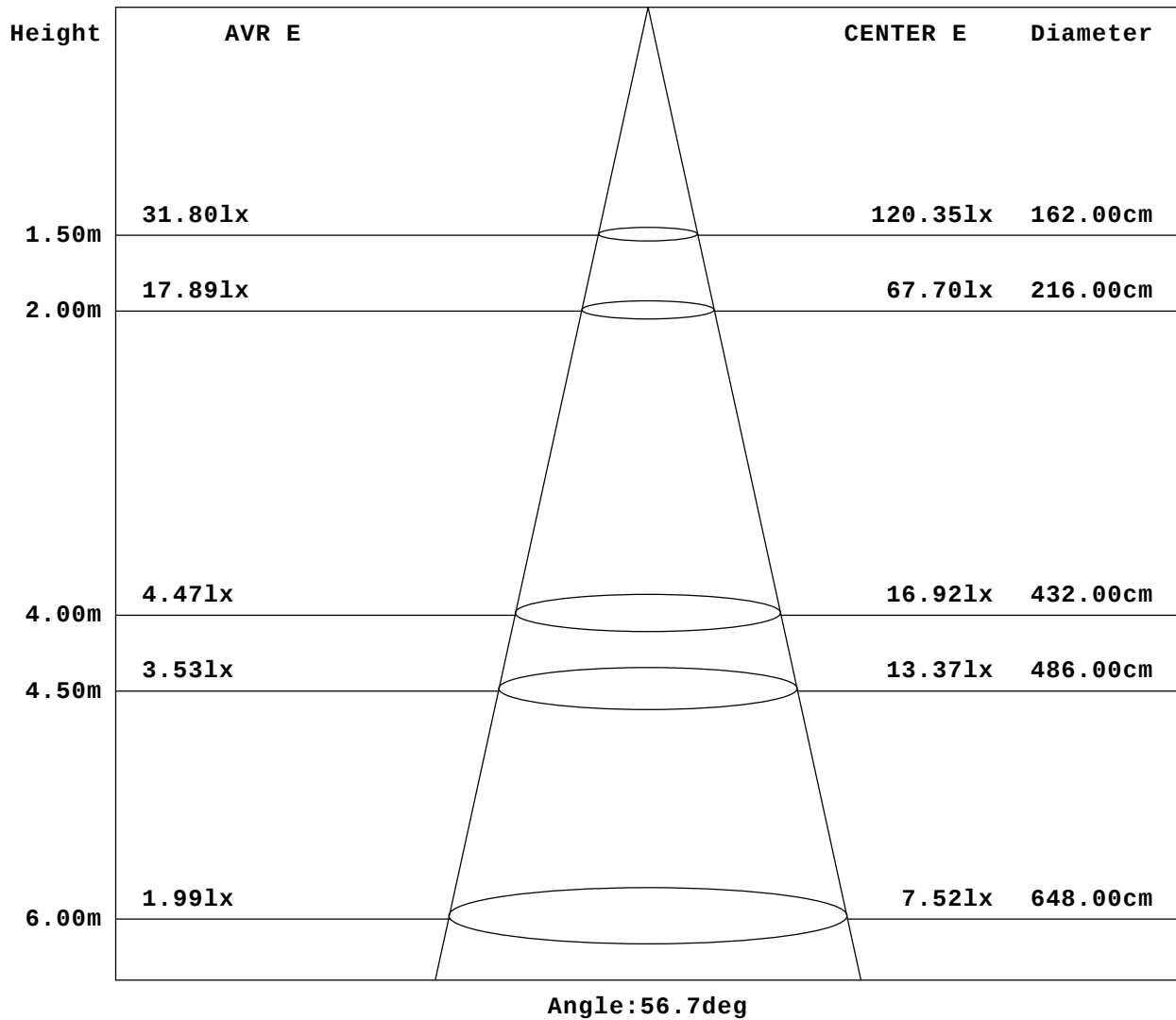
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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,

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD18-BG20W-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-BD18-BG20W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	total
5.0	175.5	130.5	67.42	81.22	238.5	82.06	61.82	71.46	0- 5	2.677	2.677
10.0	244.1	135.8	54.99	75.71	258.4	114.2	50.68	92.80	5- 10	7.801	10.47
15.0	226.6	96.66	52.73	71.30	182.8	71.36	61.12	87.28	10- 15	12.03	22.51
20.0	140.4	44.12	52.52	96.94	225.3	95.69	61.09	77.73	15- 20	15.93	38.44
25.0	93.01	78.93	56.42	64.86	99.03	72.97	60.95	59.61	20- 25	16.57	55.02
30.0	146.8	49.01	49.04	59.69	32.02	65.61	56.14	68.97	25- 30	15.88	70.90
35.0	130.7	19.09	45.39	58.32	50.50	74.44	50.47	53.92	30- 35	17.52	88.43
40.0	64.85	14.09	42.12	56.37	9.572	87.75	53.74	45.96	35- 40	17.33	105.7
45.0	60.18	11.10	40.13	56.58	7.136	64.34	58.09	49.43	40- 45	17.16	122.9
50.0	55.73	7.988	38.67	50.64	3.794	57.90	54.79	30.66	45- 50	16.27	139.2
55.0	57.74	5.830	35.64	47.55	3.341	61.50	47.06	25.11	50- 55	15.69	154.9
60.0	53.50	4.246	33.38	49.53	2.749	61.14	43.26	23.54	55- 60	15.97	170.8
65.0	49.53	2.628	31.57	49.55	2.436	60.39	41.80	14.81	60- 65	16.03	186.9
70.0	43.40	1.583	30.59	54.72	2.158	61.63	40.37	11.27	65- 70	16.02	202.9
75.0	50.12	1.444	25.89	57.31	2.158	48.75	37.52	8.980	70- 75	15.76	218.7
80.0	47.58	1.357	22.69	57.33	1.879	52.68	34.11	7.727	75- 80	15.27	233.9
85.0	50.40	1.287	22.62	59.42	1.636	48.33	30.84	6.439	80- 85	15.52	249.5
90.0	48.69	1.253	24.47	62.76	1.496	46.12	28.71	4.647	85- 90	15.20	264.7
95.0	50.78	1.235	24.43	62.53	1.462	53.25	24.88	3.167	90- 95	15.36	280.0
100.0	52.07	55.24	20.15	66.50	1.392	55.24	22.34	1.705	95-100	18.72	298.8
105.0	55.06	55.71	20.22	98.58	1.392	55.71	24.36	1.409	100-105	21.57	320.3
110.0	63.59	57.17	18.58	62.34	1.496	57.17	24.05	1.392	105-110	21.22	341.6
115.0	116.9	58.41	17.47	69.93	116.9	58.41	22.45	1.374	110-115	25.35	366.9
120.0	67.77	62.51	15.14	72.80	67.77	62.51	21.23	1.340	115-120	25.13	392.0
125.0	110.6	64.99	12.11	95.03	110.6	64.99	19.94	1.305	120-125	25.08	417.1
130.0	139.1	61.45	8.702	62.65	139.1	61.45	17.99	43.84	125-130	26.09	443.2
135.0	190.1	64.13	5.430	75.10	190.1	64.13	15.87	57.57	130-135	28.19	471.4
140.0	118.2	63.19	2.332	65.30	118.2	63.19	12.91	48.50	135-140	24.40	495.8
145.0	221.0	115.5	1.287	60.95	221.0	115.5	10.16	60.95	140-145	27.24	523.1
150.0	220.2	68.27	1.079	64.17	220.2	68.27	7.240	64.17	145-150	25.88	549.0
155.0	263.2	109.1	1.044	50.90	263.2	109.1	3.968	50.90	150-155	22.59	571.5
160.0	149.8	87.42	1.009	46.38	149.8	87.42	1.879	46.38	155-160	15.41	587.0
165.0	47.30	133.5	1.044	25.51	47.30	133.5	1.740	25.51	160-165	12.95	599.9
170.0	13.40	95.15	1.670	22.90	13.40	95.15	1.670	22.90	165-170	6.011	605.9
175.0	12.00	124.2	1.636	13.55	12.00	124.2	1.636	13.55	170-175	3.512	609.4
180.0	13.26	100.5	1.636	9.033	13.26	100.5	1.636	9.033	175-180	1.110	610.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

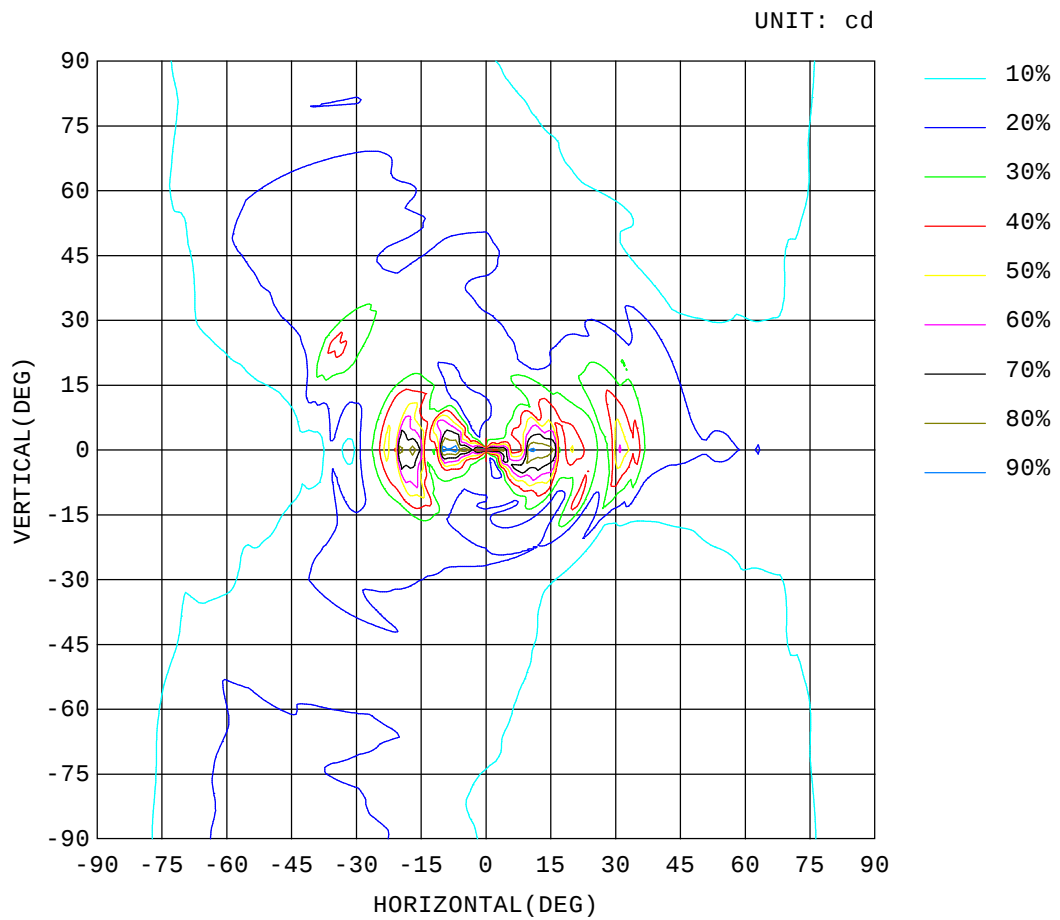
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD18-BG20W-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

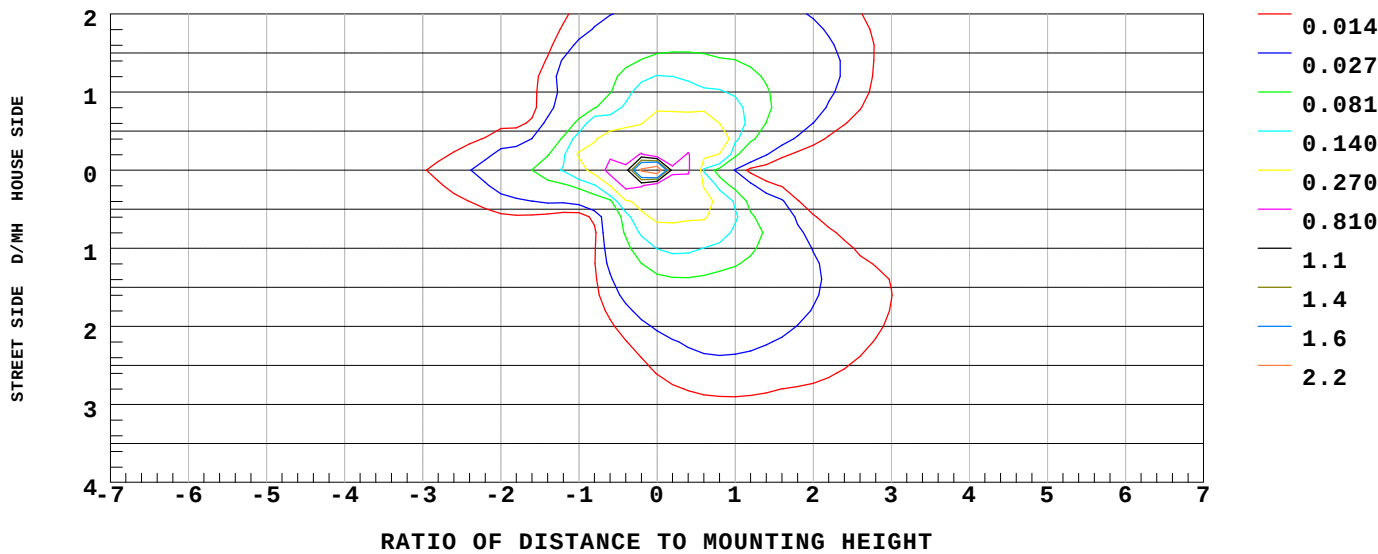
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks: 东莞闽光 12C4BX2 36V 600MA 3000,

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD18-BG20W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 2.71 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%

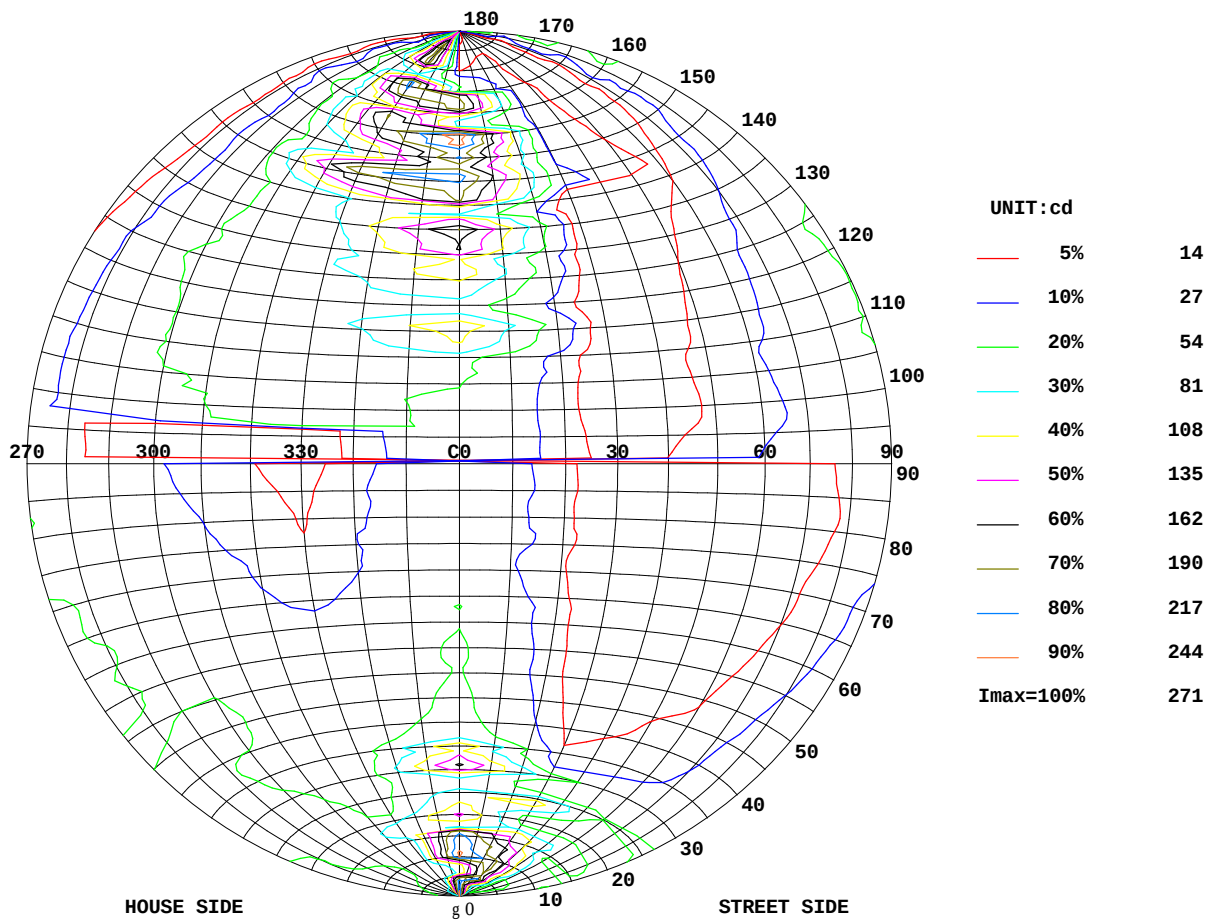
Test Distance:5.900 m

Remarks: 东莞闽光 12C4BX2 36V 600MA 3000,

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD18-BG20W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:H0P00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

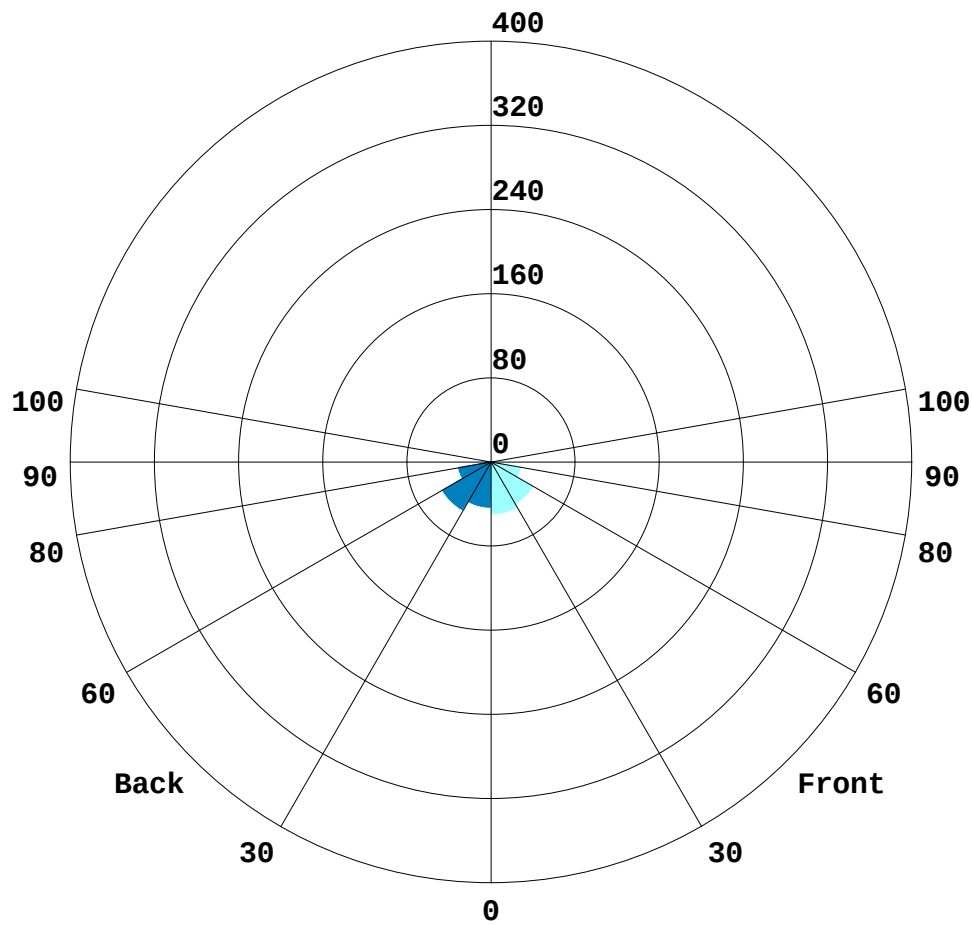
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks: 东莞闽光 12C4BX2 36V 600MA 3000,

LCS Report

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD18-BG20W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	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: 东莞闽光 12C4BX2 36V 600MA 3000,

BUG Report

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD18-BG20W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

IESNA Luminaire Flux Distribution Table

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	50.1	8.2
FM - Front-Medium(30-60)	46.5	7.6
FH - Front-High(60-80)	29.2	4.8
FVH - Front-VeryHigh(80-90)	5.1	0.8
Total Forward Light	130.8	21.4

BL - Back-Low(0-30)	43.7	7.2
BM - Back-Medium(30-60)	53.5	8.8
BH - Back-High(60-80)	31.3	5.1
BVH - Back-VeryHigh(80-90)	5.4	0.9
Total Back Light	133.9	21.9

UL - Uplight-Low(90-100)	0.0	0.0
UH - Uplight-High(100-180)	345.9	56.6
Total UpLight	345.9	56.6

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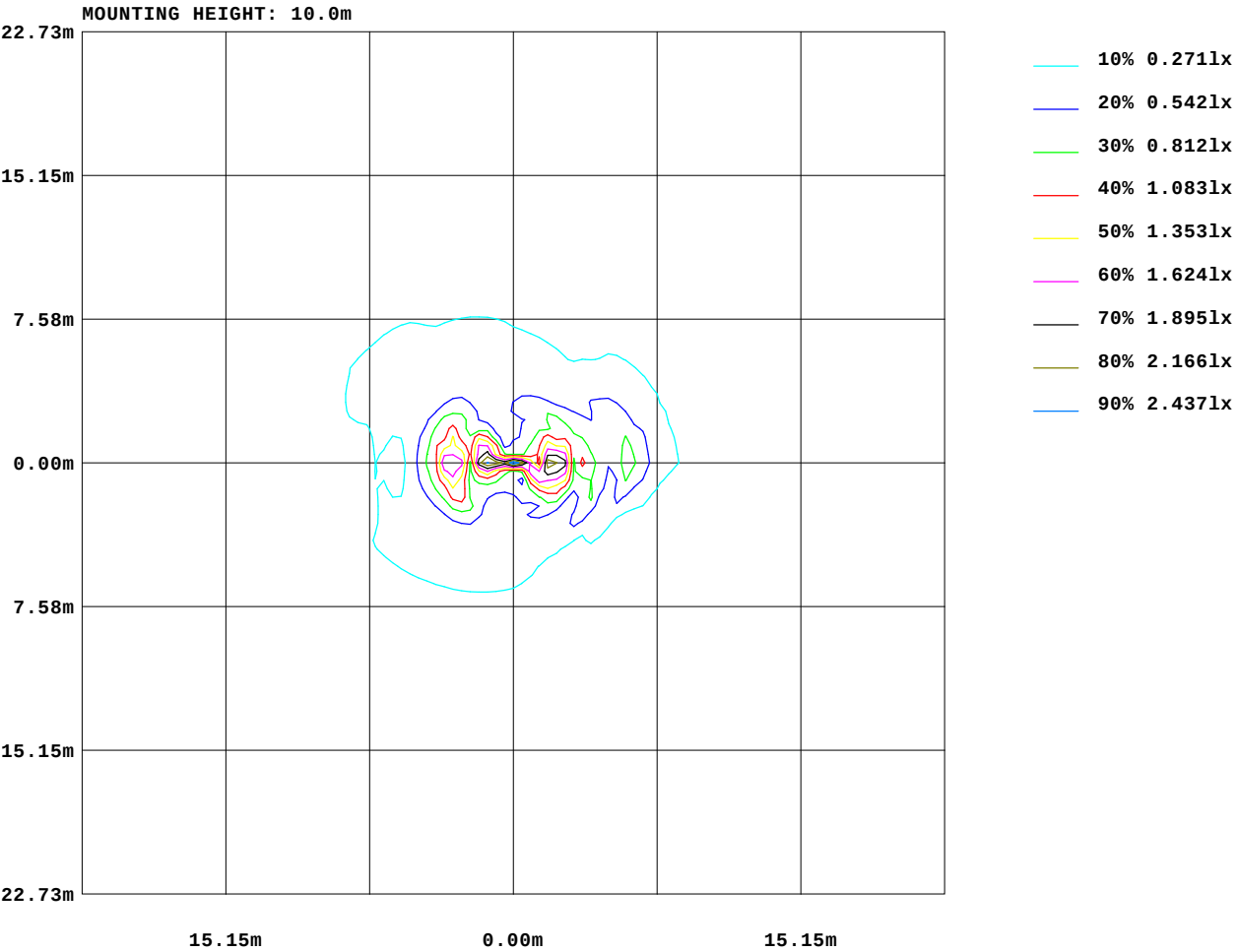
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD18-BG20W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



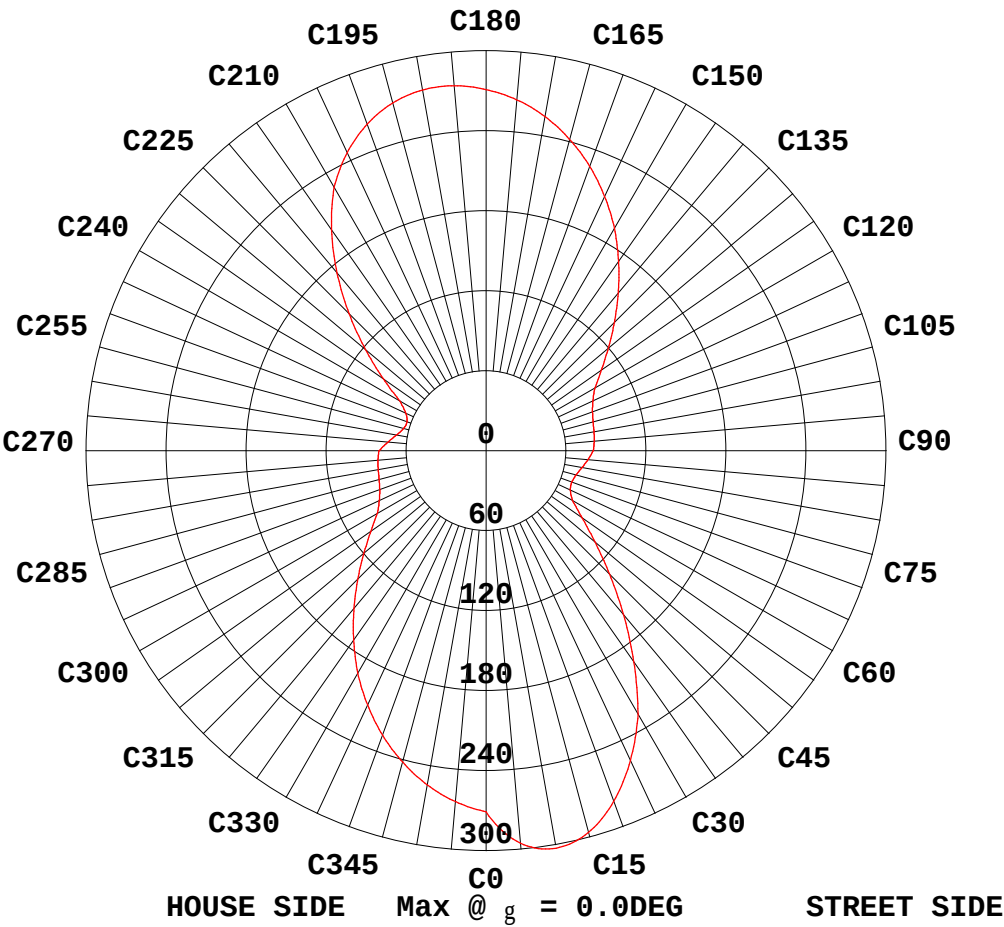
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2025年02月20日

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-BD18-BG20W-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-BD18-BG20W-5CCT										TYPE:					WEIGHT:				
SPECIFICATION:					CCT(K): 0					DIMENSION:					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.03	0.19	0.48	0.79	1.01	1.23	1.30	1.19	1.04	0.84	0.60	0.37	0.21	0.13	0.06	0.13	0.20	0.10	9.90	9.90
90	0.03	0.19	0.48	0.79	1.01	1.23	1.30	1.19	1.04	0.84	0.60	0.37	0.21	0.13	0.06	0.13	0.20	0.10	9.90	9.90
80	0.03	0.18	0.52	0.90	1.10	1.26	1.33	1.30	1.20	1.01	0.76	0.48	0.29	0.16	0.07	0.14	0.21	0.10	11.0	11.0
70	0.03	0.19	0.51	0.85	1.16	1.42	1.53	1.49	1.36	1.17	0.93	0.63	0.38	0.20	0.08	0.17	0.21	0.11	12.4	12.4
60	0.03	0.18	0.46	1.00	1.33	1.50	1.61	1.57	1.50	1.34	1.10	0.88	0.57	0.24	0.11	0.22	0.22	0.11	14.0	14.0
50	0.02	0.16	0.46	0.99	1.32	1.49	1.53	1.60	1.70	1.53	1.12	0.84	0.65	0.34	0.19	0.25	0.25	0.11	14.5	14.5
40	0.02	0.13	0.42	0.81	1.29	1.59	1.90	1.82	1.70	1.47	1.20	1.15	1.00	0.50	0.37	0.31	0.28	0.11	16.1	16.1
30	0.02	0.10	0.33	0.63	1.08	2.27	2.10	1.81	1.75	1.67	1.50	1.73	1.50	0.88	0.57	0.40	0.30	0.12	18.7	18.7
	0.01	0.07	0.21	0.41	0.85	1.78	2.05	2.55	1.66	2.09	2.25	2.39	1.85	1.17	0.75	0.50	0.32	0.12	21.0	21.0
	0.01	0.04	0.09	0.18	0.44	1.03	2.59	4.17	3.58	2.90	4.09	2.61	2.50	1.26	0.91	0.60	0.35	0.13	27.5	27.5
	0.01	0.04	0.08	0.15	0.35	0.91	2.43	4.00	3.09	3.58	4.06	2.53	2.15	1.09	0.87	0.59	0.35	0.13	26.4	26.4
	0.01	0.08	0.16	0.33	0.66	1.25	1.77	2.50	1.64	1.76	1.89	1.58	0.89	0.70	0.65	0.49	0.32	0.12	16.8	16.8
-30	0.02	0.12	0.25	0.49	0.89	1.45	1.63	1.67	1.65	1.44	1.11	0.61	0.27	0.34	0.44	0.38	0.29	0.12	13.2	13.2
-40	0.02	0.16	0.36	0.62	1.00	1.34	1.48	1.48	1.43	1.18	0.72	0.41	0.18	0.10	0.26	0.29	0.27	0.11	11.4	11.4
-50	0.03	0.18	0.48	0.71	1.04	1.20	1.37	1.39	1.29	1.04	0.66	0.33	0.15	0.05	0.12	0.23	0.24	0.11	10.6	10.6
-60	0.03	0.21	0.56	0.94	1.07	1.23	1.31	1.25	1.15	0.92	0.57	0.25	0.11	0.04	0.05	0.20	0.22	0.11	10.2	10.2
-70	0.04	0.24	0.60	1.03	1.24	1.42	1.51	1.32	1.09	0.81	0.48	0.16	0.05	0.03	0.03	0.15	0.21	0.11	10.5	10.5
-80	0.04	0.24	0.65	1.05	1.23	1.36	1.36	1.18	0.94	0.67	0.40	0.14	0.04	0.03	0.02	0.13	0.20	0.10	9.80	9.80
-90	0.04	0.25	0.66	1.05	1.30	1.49	1.47	1.20	0.88	0.59	0.36	0.14	0.04	0.03	0.02	0.11	0.19	0.10	9.94	9.94
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)											
Φ t	0.43	2.75	7.27	12.9	18.4	25.3	30.3	33.5	28.7	26.0	23.8	17.2	12.8	7.29	5.58	5.29	4.63	2.02	611	
Φ a	0.43	2.75	7.27	12.9	18.4	25.3	30.3	33.5	28.7	26.0	23.8	17.2	12.8	7.29	5.58	5.29	4.63	2.02		611

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

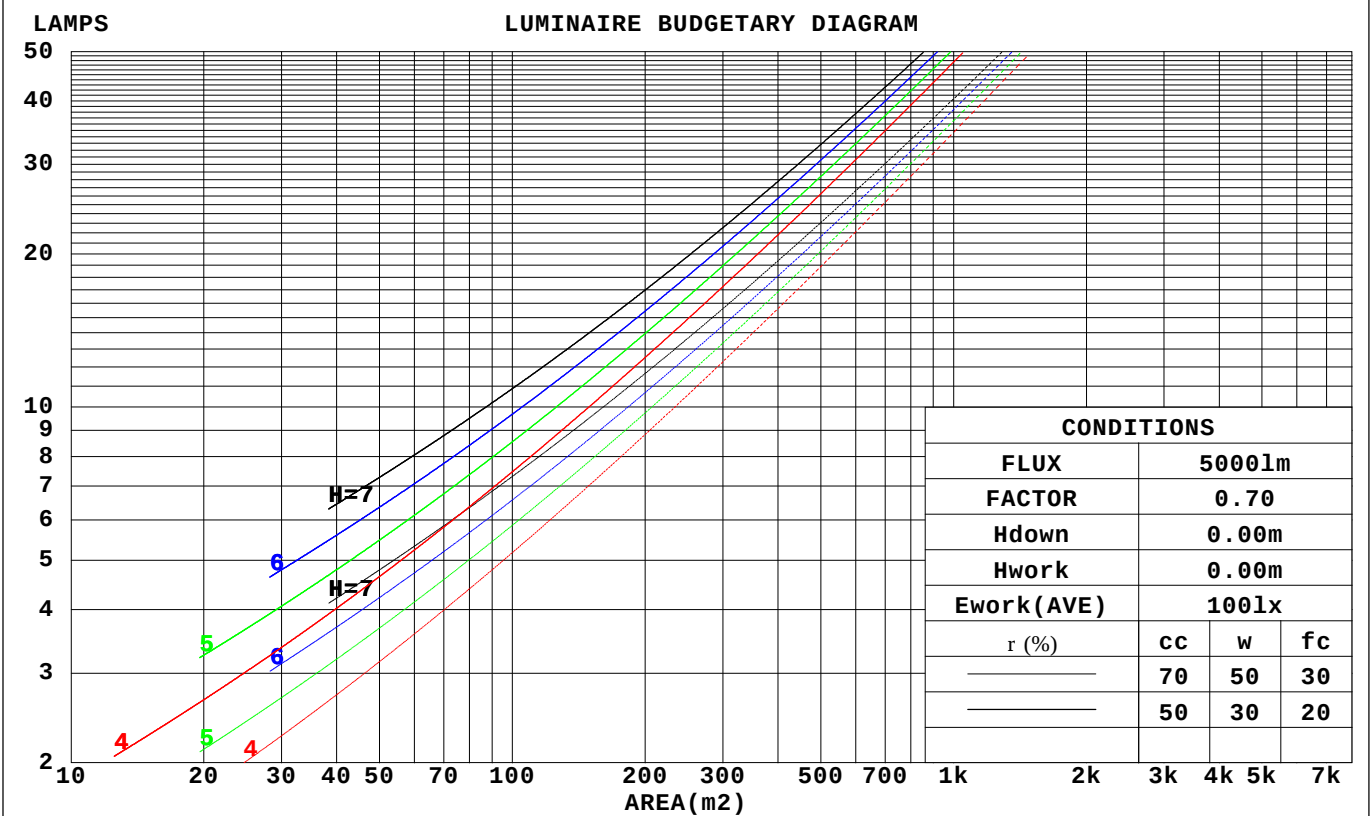
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks: 东莞闽光 12C4BX2 36V 600MA 3000,

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address:															
NAME: JXL-BD18-BG20W-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	1.06	1.06	1.06	.97	.97	.97	.80	.80	.80	.64	.64	.64	.50	.50	.50	.43														
1.0	.89	.85	.80	.81	.77	.74	.67	.64	.61	.53	.51	.49	.41	.40	.38	.32														
2.0	.77	.70	.65	.70	.65	.60	.58	.53	.50	.46	.43	.40	.35	.33	.31	.26														
3.0	.68	.60	.53	.62	.55	.49	.51	.46	.41	.41	.37	.34	.31	.29	.26	.22														
4.0	.60	.51	.45	.55	.47	.42	.45	.40	.35	.36	.32	.29	.28	.25	.23	.19														
5.0	.53	.45	.39	.49	.41	.36	.40	.35	.30	.33	.28	.25	.25	.22	.20	.16														
6.0	.48	.39	.34	.44	.37	.31	.36	.31	.27	.29	.25	.22	.23	.20	.17	.14														
7.0	.43	.35	.29	.40	.33	.27	.33	.27	.23	.27	.23	.19	.21	.18	.16	.13														
8.0	.39	.31	.26	.36	.29	.24	.30	.25	.21	.25	.21	.17	.20	.16	.14	.12														
9.0	.36	.28	.23	.33	.26	.22	.28	.22	.19	.23	.19	.16	.18	.15	.13	.11														
10.0	.33	.26	.21	.30	.24	.20	.26	.21	.17	.21	.17	.14	.17	.14	.12	.10														



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,

WEC AND CCEC

Report number:

MANUFACTURER:												
Address:												
NAME: JXL-BD18-BG20W-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	.331	.188	.060	.307	.175	.056	.261	.150	.048	.219	.127	.041	.181	.105	.034	
2.0	.288	.158	.048	.266	.146	.045	.224	.125	.039	.186	.104	.033	.151	.085	.027	
3.0	.257	.137	.041	.237	.127	.038	.199	.108	.033	.164	.090	.028	.132	.073	.023	
4.0	.233	.121	.036	.215	.112	.033	.180	.095	.029	.148	.079	.024	.118	.064	.019	
5.0	.214	.109	.032	.197	.101	.029	.164	.086	.025	.135	.071	.021	.107	.057	.017	
6.0	.197	.099	.028	.181	.092	.026	.151	.078	.023	.124	.064	.019	.098	.051	.015	
7.0	.182	.090	.026	.168	.084	.024	.140	.071	.020	.115	.059	.017	.090	.047	.014	
8.0	.170	.083	.023	.156	.077	.022	.131	.065	.019	.107	.054	.016	.084	.043	.013	
9.0	.159	.077	.021	.146	.071	.020	.122	.061	.017	.100	.050	.014	.079	.040	.012	
10.0	.149	.072	.020	.137	.066	.019	.115	.056	.016	.094	.047	.013	.074	.037	.011	

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	.622	.622	.622	.532	.532	.532	.363	.363	.363	.208	.208	.208	.067	.067	.067	
1.0	.617	.591	.568	.528	.507	.489	.361	.349	.338	.208	.202	.197	.067	.065	.064	
2.0	.610	.570	.537	.522	.491	.464	.358	.339	.324	.206	.197	.190	.066	.064	.062	
3.0	.602	.555	.517	.517	.478	.448	.355	.332	.314	.205	.194	.185	.066	.063	.061	
4.0	.595	.543	.503	.511	.469	.437	.351	.327	.308	.203	.192	.182	.065	.062	.060	
5.0	.588	.534	.494	.505	.462	.429	.348	.323	.303	.202	.189	.180	.065	.062	.059	
6.0	.582	.527	.487	.500	.456	.424	.345	.319	.300	.200	.188	.178	.065	.061	.059	
7.0	.576	.520	.482	.495	.451	.420	.342	.316	.298	.199	.186	.177	.064	.061	.059	
8.0	.570	.515	.478	.490	.447	.417	.339	.314	.296	.197	.185	.176	.064	.061	.058	
9.0	.564	.511	.475	.486	.443	.414	.337	.312	.294	.196	.184	.175	.064	.060	.058	
10.0	.559	.507	.473	.482	.440	.412	.334	.310	.293	.195	.183	.175	.063	.060	.058	

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-BD18-BG20W-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	2H	7.9	8.8	8.8	9.8	11.0	5.4	6.3	6.3	7.3	8.5
	3H	11.0	11.8	12.0	12.8	14.0	8.5	9.4	9.5	10.3	11.6
	4H	13.3	14.1	14.3	15.1	16.4	10.2	11.0	11.2	12.0	13.2
	6H	16.0	16.8	17.0	17.7	19.0	12.0	12.7	13.0	13.7	15.0
	8H	17.4	18.1	18.4	19.1	20.4	13.0	13.7	14.0	14.7	16.0
	12H	19.2	19.8	20.2	20.8	22.1	14.3	15.0	15.3	16.0	17.3
4H	2H	7.4	8.2	8.4	9.2	10.4	5.0	5.7	5.9	6.7	8.0
	3H	10.5	11.2	11.5	12.2	13.5	8.1	8.7	9.1	9.7	11.0
	4H	13.0	13.6	14.0	14.7	16.0	9.9	10.5	10.9	11.5	12.8
	6H	16.1	16.6	17.1	17.6	19.0	12.0	12.5	13.0	13.5	14.9
	8H	17.7	18.2	18.7	19.2	20.6	13.2	13.7	14.2	14.7	16.1
	12H	19.8	20.2	20.8	21.3	22.7	14.9	15.3	15.9	16.4	17.8
8H	4H	12.8	13.3	13.8	14.3	15.7	9.6	10.1	10.7	11.2	12.5
	6H	15.8	16.2	16.9	17.3	18.7	11.7	12.2	12.8	13.2	14.6
	8H	17.6	17.9	18.6	19.0	20.4	13.1	13.4	14.1	14.5	15.9
	12H	20.0	20.3	21.1	21.4	22.8	15.0	15.4	16.1	16.4	17.9
12H	4H	12.7	13.1	13.7	14.2	15.5	9.6	10.0	10.6	11.1	12.5
	6H	15.7	16.1	16.8	17.2	18.6	11.7	12.0	12.7	13.1	14.5
	8H	17.5	17.8	18.5	18.9	20.3	13.0	13.3	14.1	14.4	15.8
Variations with the observer position at spacings:											
S = 1.0H		+ 0.3 / - 0.3					+ 0.3 / - 0.2				
1.5H		+ 0.7 / - 0.6					+ 0.8 / - 0.7				
2.0H		+ 1.4 / - 1.1					+ 1.2 / - 1.1				

CIE Pub.117 Corrected 610.5 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.7)

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,

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:										
Address:										
NAME: JXL-BD18-BG20W-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) x RCR = 5									
k = 0.60	41	29	23	38	28	22	34	25	20	13
0.80	49	37	30	46	35	28	40	31	26	16
1.00	56	44	36	52	41	34	45	38	31	19
1.25	63	51	43	58	48	40	50	41	36	21
1.50	68	56	48	63	52	45	53	45	39	23
2.00	75	64	56	69	60	53	58	51	45	26
2.50	80	70	62	73	65	58	61	55	50	28
3.00	83	74	67	76	69	62	64	58	53	30
4.00	88	80	74	81	74	68	67	62	58	32
5.00	91	84	79	83	78	73	69	65	61	33
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-BD18-BG20W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG)													
γ (DEG)		0	30	60	90	120	150	180	210	240	270	300	330
0.0		271	228	74.9	80.4	94.3	193	271	228	74.9	80.4	94.3	193
5.0		176	220	41.5	67.4	63.5	98.9	239	119	45.4	61.8	59.3	83.5
10.0		244	202	69.5	54.9	54.4	97.0	258	182	46.8	50.6	64.8	121
15.0		227	133	60.0	52.7	53.3	89.2	183	94.4	48.3	61.1	64.5	110
20.0		140	45.1	43.1	52.5	55.1	139	225	140	50.9	61.0	70.8	84.6
25.0		93.0	103	54.9	56.4	57.0	72.7	99.0	90.7	55.2	60.9	48.2	70.9
30.0		147	68.8	29.1	49.0	56.2	63.1	32.0	72.8	58.3	56.1	44.4	93.4
35.0		131	15.5	22.6	45.3	54.0	62.5	50.5	76.1	72.6	50.4	40.5	67.2
40.0		64.8	10.0	18.1	42.1	50.2	62.5	9.57	117	58.1	53.7	36.4	55.5
45.0		60.1	5.77	16.4	40.1	53.8	59.3	7.13	74.6	54.0	58.0	30.5	68.2
50.0		55.7	2.92	13.0	38.6	48.9	52.3	3.79	62.8	52.9	54.7	28.6	32.6
55.0		57.7	1.49	10.1	35.6	47.4	47.6	3.34	63.4	59.5	47.0	30.0	20.1
60.0		53.5	1.25	7.24	33.3	48.4	50.5	2.74	62.1	60.1	43.2	35.2	11.8
65.0		49.5	1.18	4.07	31.5	54.9	44.1	2.43	63.4	57.3	41.8	22.9	6.71
70.0		43.4	1.11	2.05	30.5	57.6	51.7	2.15	65.7	57.5	40.3	18.6	3.93
75.0		50.1	1.04	1.84	25.8	52.8	61.8	2.15	49.4	48.0	37.5	14.6	3.34
80.0		47.5	1.04	1.67	22.6	54.3	60.3	1.87	53.1	52.1	34.1	12.5	2.88
85.0		50.4	1.11	1.46	22.6	57.6	61.1	1.63	45.4	51.1	30.8	10.3	2.54
90.0		48.6	1.11	1.39	24.4	63.8	61.6	1.49	46.2	46.0	28.7	6.99	2.29
95.0		50.7	1.18	1.28	24.4	59.3	65.7	1.46	57.1	49.3	24.8	4.28	2.05
100.0		52.0	58.7	51.7	20.1	55.7	77.2	1.39	58.7	51.7	22.3	1.46	1.94
105.0		55.0	58.1	53.2	20.2	53.3	144	1.39	58.1	53.2	24.3	1.00	1.81
110.0		63.5	59.4	54.8	18.5	49.3	75.3	1.49	59.4	54.8	24.0	0.94	1.84
115.0		117	62.1	54.6	17.4	46.6	93.1	117	62.1	54.6	22.4	0.84	1.91
120.0		67.7	68.4	56.6	15.1	45.5	100	67.7	68.4	56.6	21.2	0.77	1.91
125.0		111	70.4	59.5	12.1	43.6	146	111	70.4	59.5	19.9	0.91	1.70
130.0		139	69.7	53.1	8.70	38.8	86.4	139	69.7	53.1	17.9	1.25	86.4
135.0		190	79.7	48.4	5.43	36.3	114	190	79.7	48.4	15.8	1.32	114
140.0		118	79.9	46.4	2.33	34.6	95.9	118	79.9	46.4	12.9	1.07	95.9
145.0		221	182	49.1	1.28	30.1	91.7	221	182	49.1	10.1	30.1	91.7
150.0		220	93.0	43.5	1.07	25.4	103	220	93.0	43.5	7.24	25.4	103
155.0		263	170	48.6	1.04	24.2	77.5	263	170	48.6	3.96	24.2	77.5
160.0		150	107	67.4	1.00	22.4	70.3	150	107	67.4	1.87	22.4	70.3
165.0		47.3	223	44.4	1.04	18.9	32.0	47.3	223	44.4	1.74	18.9	32.0
170.0		13.4	127	63.4	1.67	15.5	30.2	13.4	127	63.4	1.67	15.5	30.2
175.0		12.0	207	41.8	1.63	11.8	15.2	12.0	207	41.8	1.63	11.8	15.2
180.0		13.2	163	38.4	1.63	8.77	9.29	13.2	163	38.4	1.63	8.77	9.29

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,