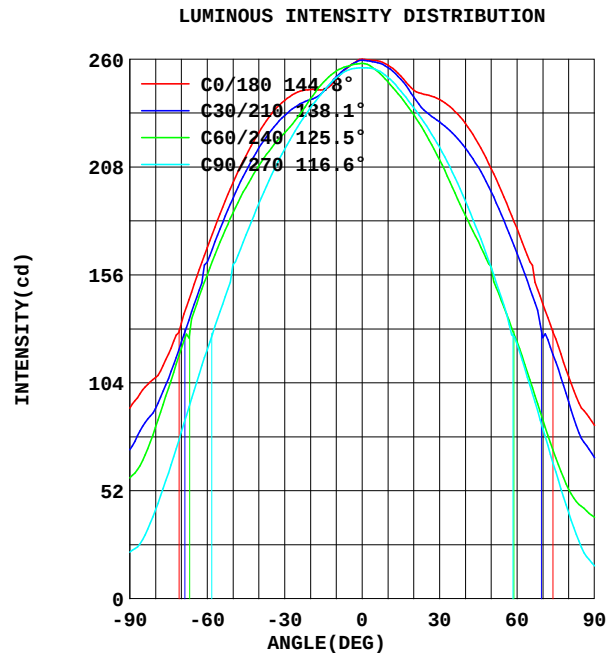
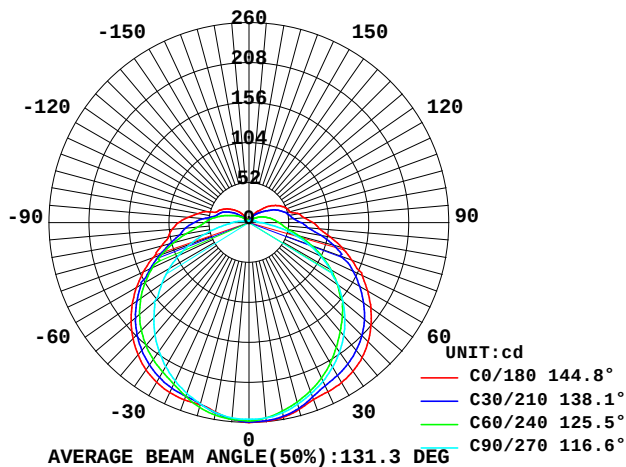


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WM15W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	259.7	Effective Flux(lm):	1100.3
NOMINAL POWER(W):	15	MAXIMUM(C _g):	0, 0.0	EEI	0.172
RATED VOLTAGE(V):	126	EFFICIENCY(%):	100.0	Voltage(V)	125.0
NOMINAL FLUX(lm):	1100.3	h street_up(%):	6.8	Current(A)	0.118
TEST FLUX(lm):	1100.3	h street_down(%):	43.0	Power(W)	14.28
LAMPS QUANTITY:	1	h house_up(%)	7.1	Power Factor	0.966
TOTAL RADIANT(mw):	1100.3	h house_down(%):	43.1	EEFICIENCY(lm/W)	77.1



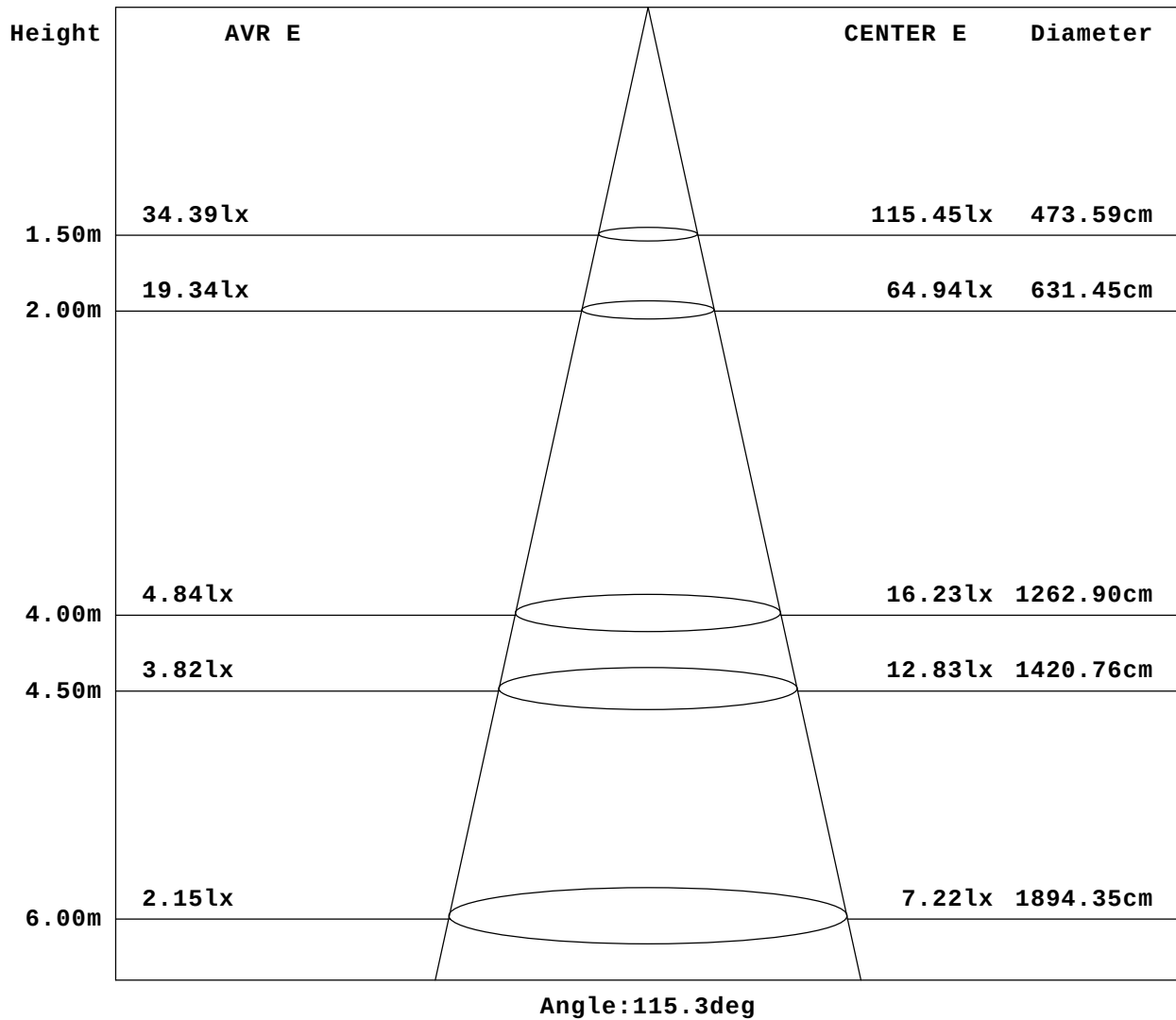
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25日

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-WM15W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25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-WM15W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	total
5.0	256.2	256.3	254.6	255.7	259.1	256.5	254.8	255.8	0- 5	6.143	6.143
10.0	250.0	252.5	250.8	251.7	256.9	252.2	250.9	251.7	5- 10	18.18	24.32
15.0	244.9	246.3	244.1	245.5	251.5	245.7	244.3	246.0	10- 15	29.53	53.86
20.0	245.0	240.3	236.1	237.1	244.7	237.2	236.2	241.2	15- 20	39.99	93.85
25.0	243.7	234.5	226.9	228.5	242.5	228.5	227.5	236.1	20- 25	49.53	143.3
30.0	239.8	228.4	216.3	220.4	240.2	220.3	217.2	230.5	25- 30	58.09	201.4
35.0	233.5	221.3	204.0	211.6	235.8	211.0	205.1	223.8	30- 35	65.37	266.8
40.0	224.2	212.6	190.2	202.6	228.8	200.8	191.6	215.1	35- 40	71.08	337.9
45.0	213.1	201.8	175.0	192.3	219.0	189.8	176.1	204.4	40- 45	74.97	412.9
50.0	200.0	189.1	160.6	180.0	207.0	177.8	159.3	191.8	45- 50	76.84	489.7
55.0	185.3	174.8	138.1	166.1	193.3	161.1	141.2	177.3	50- 55	76.38	566.1
60.0	168.9	158.8	119.7	150.5	178.2	144.9	122.4	159.6	55- 60	73.87	640.0
65.0	151.3	139.9	100.2	132.1	162.1	127.3	102.6	141.6	60- 65	69.16	709.1
70.0	132.5	121.9	80.37	114.0	141.9	106.0	82.04	122.2	65- 70	62.40	771.6
75.0	117.7	103.6	60.43	96.18	124.9	90.88	61.16	104.8	70- 75	54.99	826.5
80.0	106.4	86.99	42.53	78.60	106.9	73.76	41.45	88.57	75- 80	46.89	873.4
85.0	100.4	74.66	28.37	65.25	91.75	60.83	24.74	77.43	80- 85	39.51	913.0
90.0	91.72	64.93	22.34	55.73	83.43	53.52	15.80	67.65	85- 90	34.12	947.1
95.0	79.81	55.38	16.81	46.59	72.54	46.43	10.44	57.45	90- 95	29.36	976.5
100.0	67.35	45.02	10.51	43.54	66.62	42.03	9.816	47.30	95-100	24.86	1001
105.0	54.79	38.48	6.996	40.57	54.99	37.80	7.658	40.83	100-105	21.14	1023
110.0	43.51	33.19	5.395	36.27	53.01	33.19	6.857	35.80	105-110	17.90	1040
115.0	39.99	27.55	4.908	30.33	49.25	28.66	6.439	29.88	110-115	15.20	1056
120.0	35.61	22.24	4.560	22.81	44.38	23.47	6.196	24.10	115-120	12.36	1068
125.0	30.84	16.96	4.177	17.24	38.95	19.09	5.743	18.11	120-125	9.595	1078
130.0	25.86	11.78	3.759	14.13	33.10	15.59	5.117	13.07	125-130	7.231	1085
135.0	20.74	7.797	3.306	11.71	26.07	12.09	4.351	9.363	130-135	5.272	1090
140.0	16.11	5.691	2.819	9.015	20.60	9.346	3.306	6.718	135-140	3.697	1094
145.0	10.82	4.107	2.297	6.544	16.49	6.909	3.063	4.803	140-145	2.535	1096
150.0	7.031	2.680	1.844	4.873	11.62	5.273	2.575	3.063	145-150	1.617	1098
155.0	3.515	2.262	1.531	3.463	7.240	3.707	2.193	2.332	150-155	0.971	1099
160.0	3.237	2.123	1.566	2.245	3.411	2.488	2.158	2.158	155-160	0.576	1099
165.0	2.924	2.036	1.566	2.158	2.401	2.349	2.088	2.036	160-165	0.371	1100
170.0	2.680	1.966	1.601	2.018	2.297	2.175	2.018	1.966	165-170	0.252	1100
175.0	2.575	1.949	1.636	1.949	2.227	2.088	1.984	1.949	170-175	0.144	1100
180.0	2.332	1.949	1.984	1.914	2.332	1.949	1.984	1.914	175-180	0.048	1100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm	

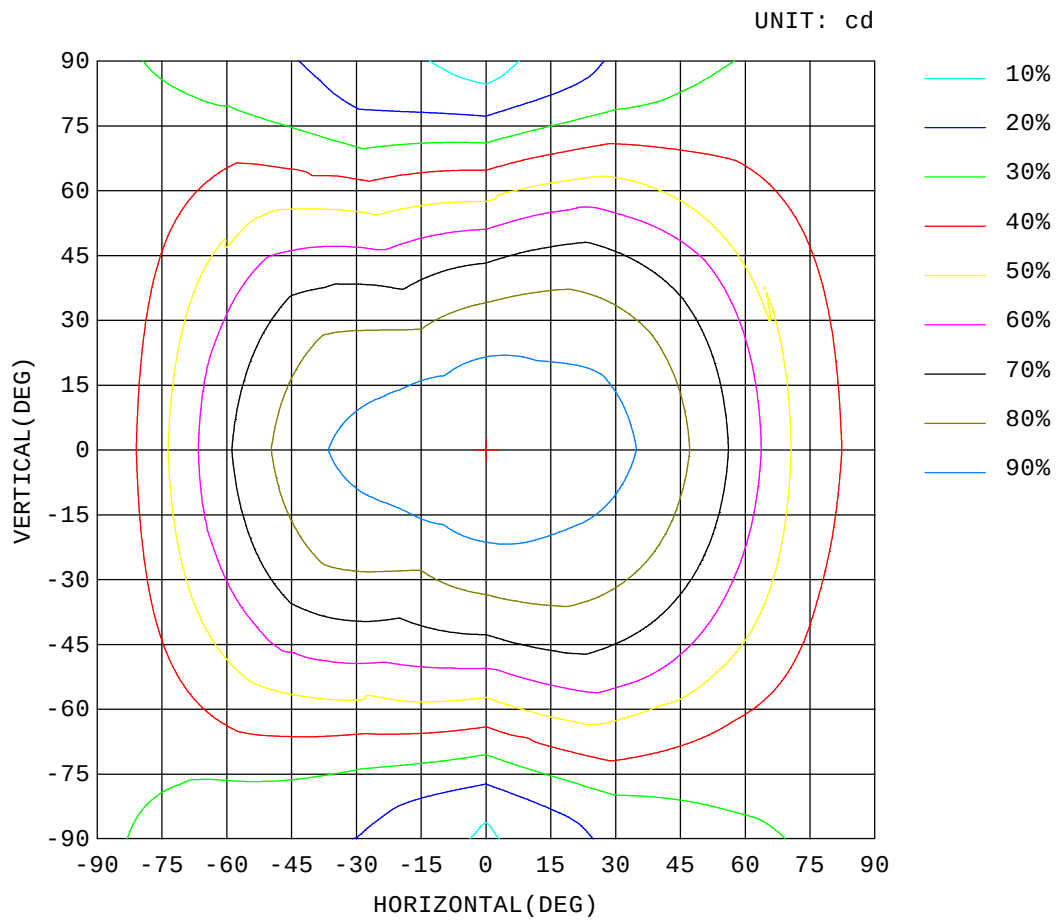
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25日

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-WM15W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



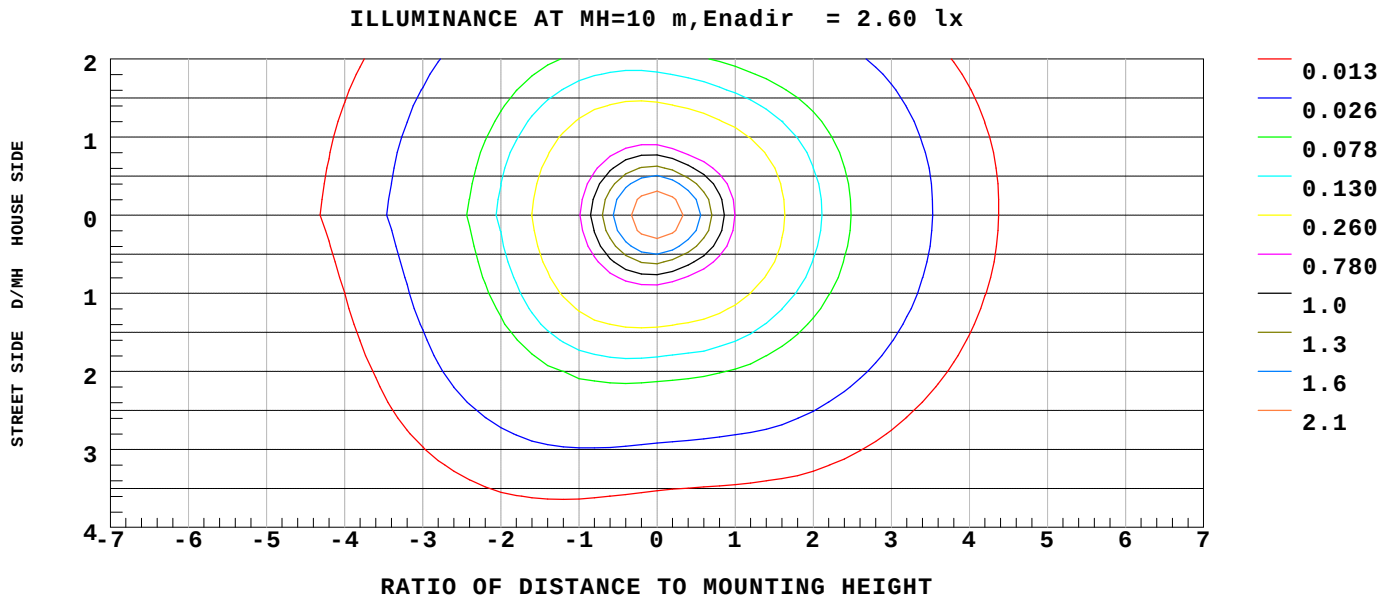
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25日

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-WM15W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



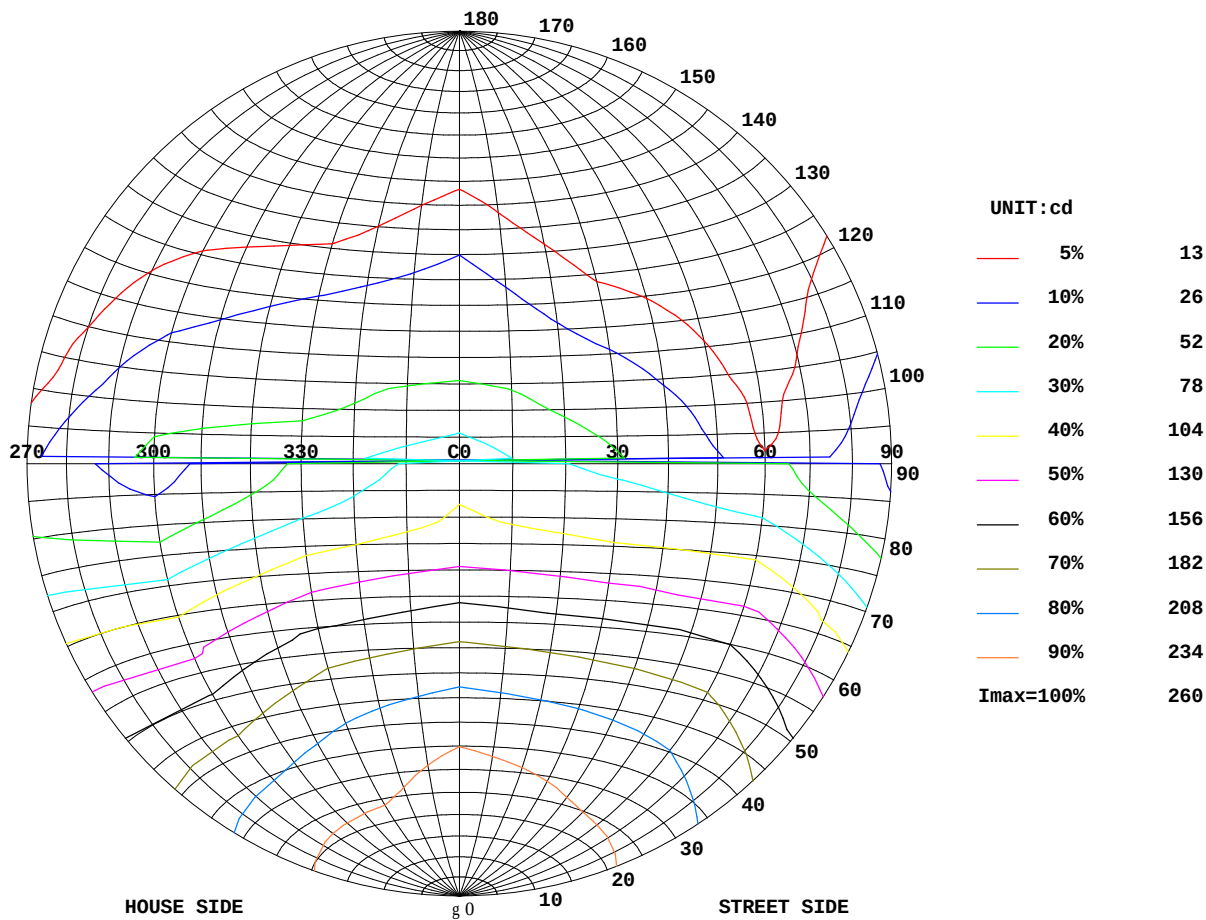
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25日

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-WM15W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25日

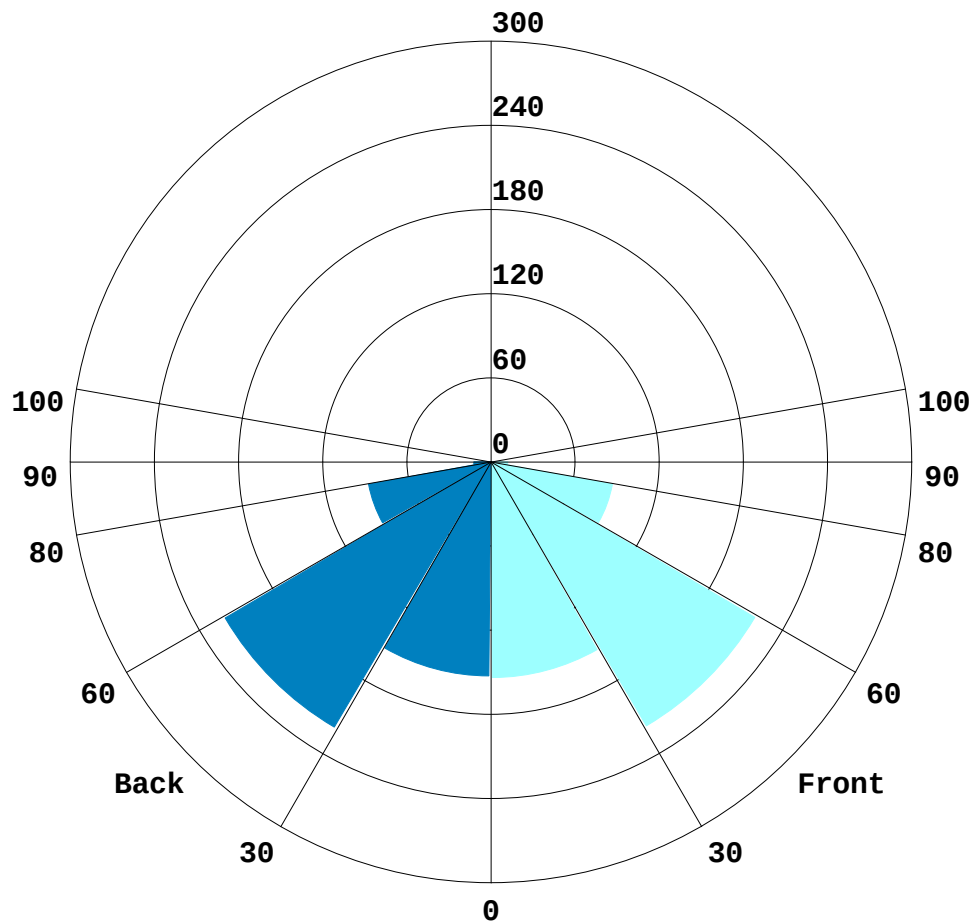
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

LCS Report

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD12-WM15W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH Uplight



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25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-WM15W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

IESNA Luminaire Flux Distribution Table

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	154.1	14.0
FM - Front-Medium(30-60)	218.6	19.9
FH - Front-High(60-80)	88.5	8.0
FVH - Front-VeryHigh(80-90)	12.1	1.1
Total Forward Light	473.3	43.0

BL - Back-Low(0-30)	153.0	13.9
BM - Back-Medium(30-60)	219.9	20.0
BH - Back-High(60-80)	88.7	8.1
BVH - Back-VeryHigh(80-90)	12.2	1.1
Total Back Light	473.8	43.1

UL - Uplight-Low(90-100)	0.0	0.0
UH - Uplight-High(100-180)	153.2	13.9
Total UpLight	153.2	13.9

BUG(Back, Up, Glare) Rating	B1-U3-G1
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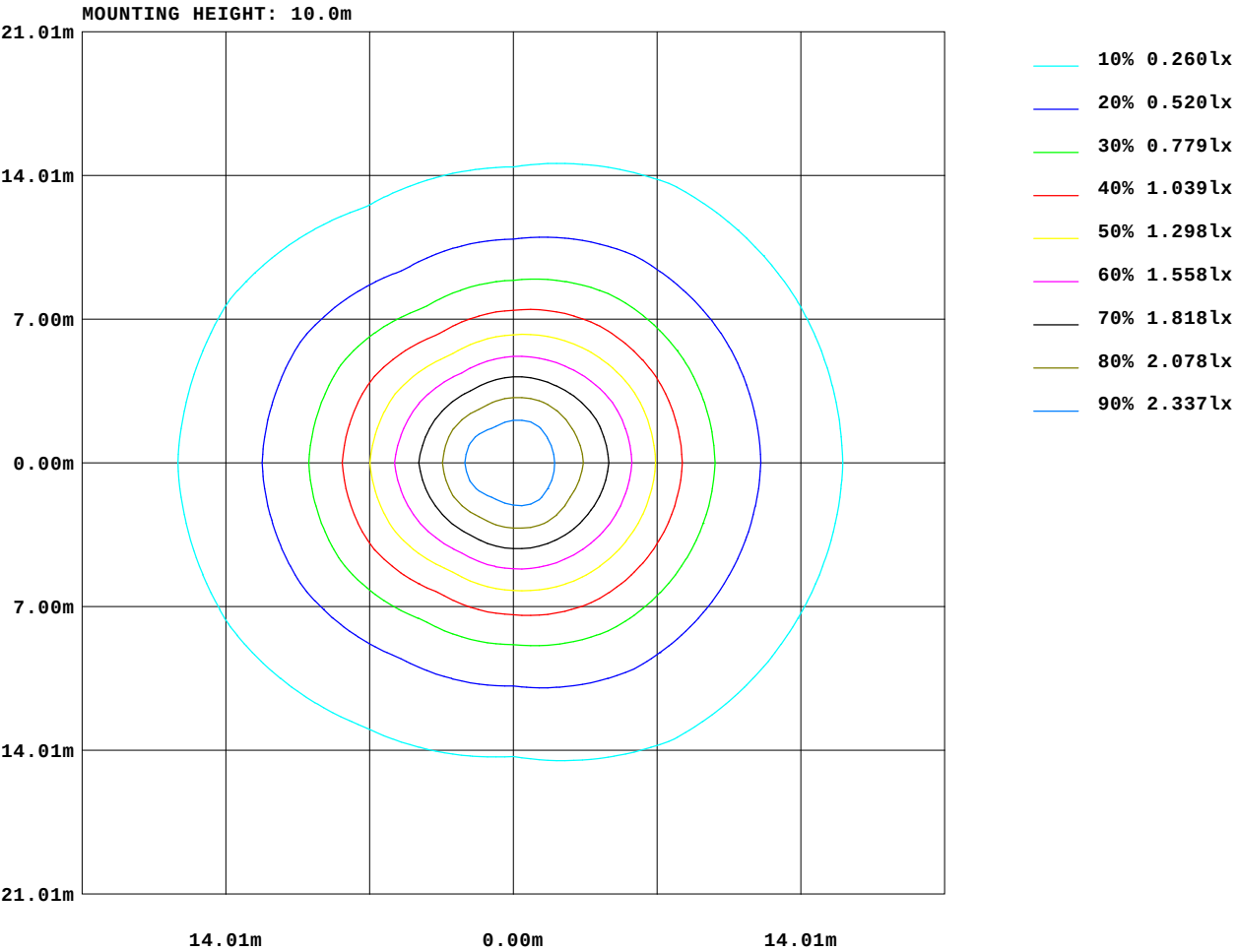
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25日

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-WM15W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



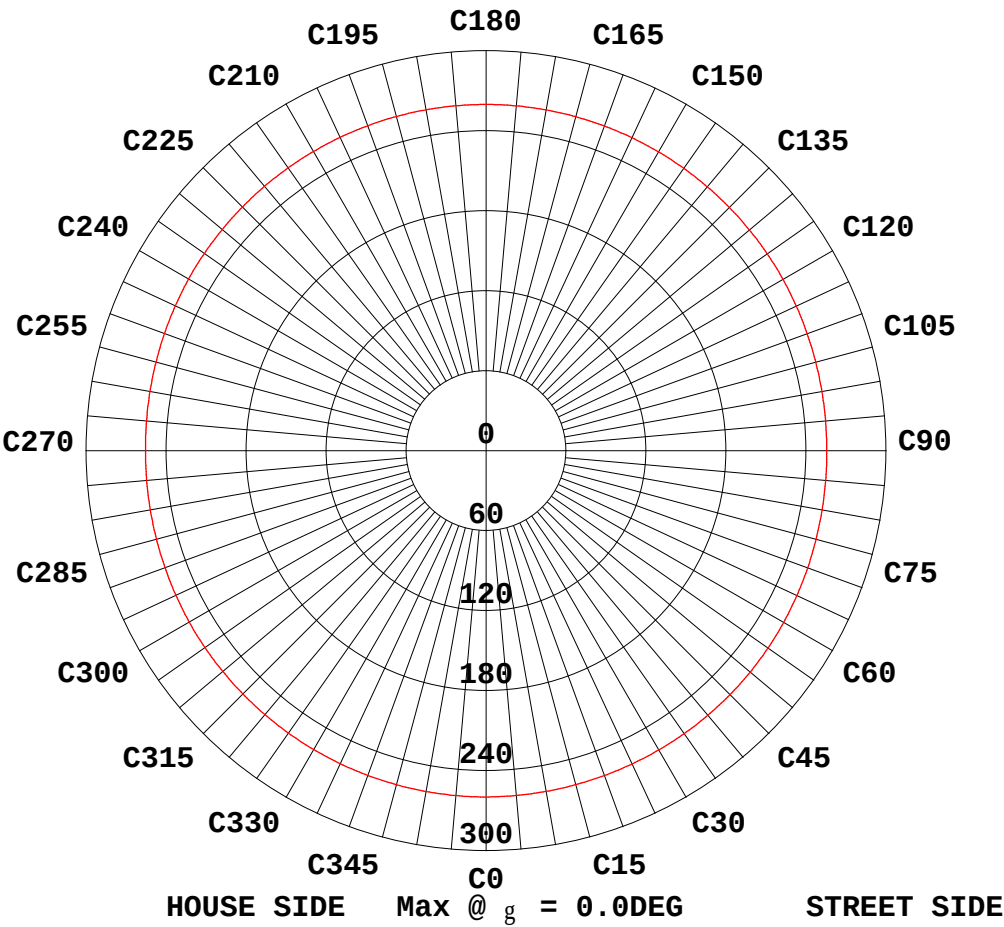
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25日

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-WM15W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25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-WM15W-5CCT										TYPE:					WEIGHT:			
SPECIFICATION:					CCT(K): 3000					DIMENSION:					SERIAL No.:			

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT: lm		Φ t	Φ a
	90	0.22	0.61	0.96	1.18	1.26	1.22	1.12	1.03	0.89	0.99	1.32	1.57	1.66	1.60	1.43	1.11	0.70	0.24	19.1	19.1	
	80	0.22	0.65	1.08	1.45	1.65	1.69	1.72	1.85	1.88	2.03	2.28	2.38	2.25	1.96	1.63	1.22	0.74	0.25	26.9	26.9	
	70	0.23	0.70	1.27	1.85	2.22	2.45	2.64	2.95	3.10	3.27	3.43	3.38	2.99	2.45	1.89	1.30	0.77	0.25	37.2	37.2	
	60	0.23	0.77	1.46	2.20	2.82	3.27	3.57	3.98	4.23	4.43	4.55	4.36	3.76	2.97	2.17	1.44	0.80	0.26	47.3	47.3	
	50	0.24	0.83	1.62	2.55	3.41	4.03	4.44	4.91	5.27	5.47	5.49	5.16	4.44	3.51	2.48	1.56	0.83	0.26	56.5	56.5	
	40	0.24	0.89	1.77	2.84	3.91	4.71	5.22	5.64	6.11	6.30	6.20	5.75	4.95	3.92	2.78	1.69	0.87	0.26	64.1	64.1	
	30	0.25	0.94	1.90	3.07	4.25	5.25	5.88	6.34	6.79	6.91	6.68	6.19	5.35	4.22	2.99	1.81	0.90	0.27	70.0	70.0	
		0.25	0.97	2.00	3.23	4.49	5.58	6.34	6.91	7.30	7.40	7.05	6.51	5.62	4.43	3.14	1.89	0.92	0.27	74.3	74.3	
		0.26	0.99	2.06	3.34	4.65	5.78	6.59	7.30	7.71	7.67	7.19	6.66	5.76	4.55	3.22	1.94	0.94	0.27	76.9	76.9	
		0.26	0.99	2.06	3.34	4.65	5.78	6.59	7.29	7.69	7.69	7.18	6.63	5.74	4.54	3.21	1.94	0.94	0.27	76.8	76.8	
		0.25	0.97	1.99	3.23	4.49	5.57	6.34	6.91	7.30	7.41	7.02	6.44	5.56	4.40	3.11	1.88	0.92	0.27	74.1	74.1	
	-30	0.25	0.93	1.89	3.07	4.25	5.26	5.90	6.34	6.78	6.89	6.65	6.12	5.27	4.17	2.95	1.79	0.89	0.27	69.7	69.7	
	-40	0.24	0.88	1.76	2.83	3.91	4.76	5.30	5.70	6.10	6.25	6.15	5.69	4.88	3.85	2.72	1.67	0.85	0.26	63.8	63.8	
	-50	0.24	0.82	1.61	2.53	3.44	4.15	4.61	5.02	5.28	5.43	5.44	5.11	4.37	3.44	2.42	1.52	0.81	0.26	56.5	56.5	
	-60	0.23	0.76	1.44	2.20	2.88	3.44	3.82	4.13	4.24	4.37	4.51	4.36	3.74	2.93	2.11	1.37	0.78	0.25	47.5	47.5	
	-70	0.22	0.69	1.23	1.83	2.31	2.68	2.93	3.10	3.11	3.22	3.44	3.43	3.02	2.42	1.79	1.23	0.74	0.25	37.7	37.7	
	-80	0.22	0.63	1.03	1.43	1.75	1.94	2.03	2.04	1.94	2.04	2.34	2.48	2.29	1.92	1.52	1.13	0.71	0.24	27.7	27.7	
	-90	0.21	0.59	0.89	1.13	1.34	1.47	1.45	1.28	1.04	1.09	1.42	1.66	1.69	1.54	1.31	1.02	0.66	0.23	20.0	20.0	
	-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																					
Φ t	4.25	14.6	28.0	43.3	57.7	69.1	76.5	82.7	86.8	88.9	88.4	83.9	73.4	58.9	42.9	27.5	14.7	4.61	1100			
Φ a	4.25	14.6	28.0	43.3	57.7	69.1	76.5	82.7	86.8	88.9	88.4	83.9	73.4	58.9	42.9	27.5	14.7	4.61		1100		

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25日

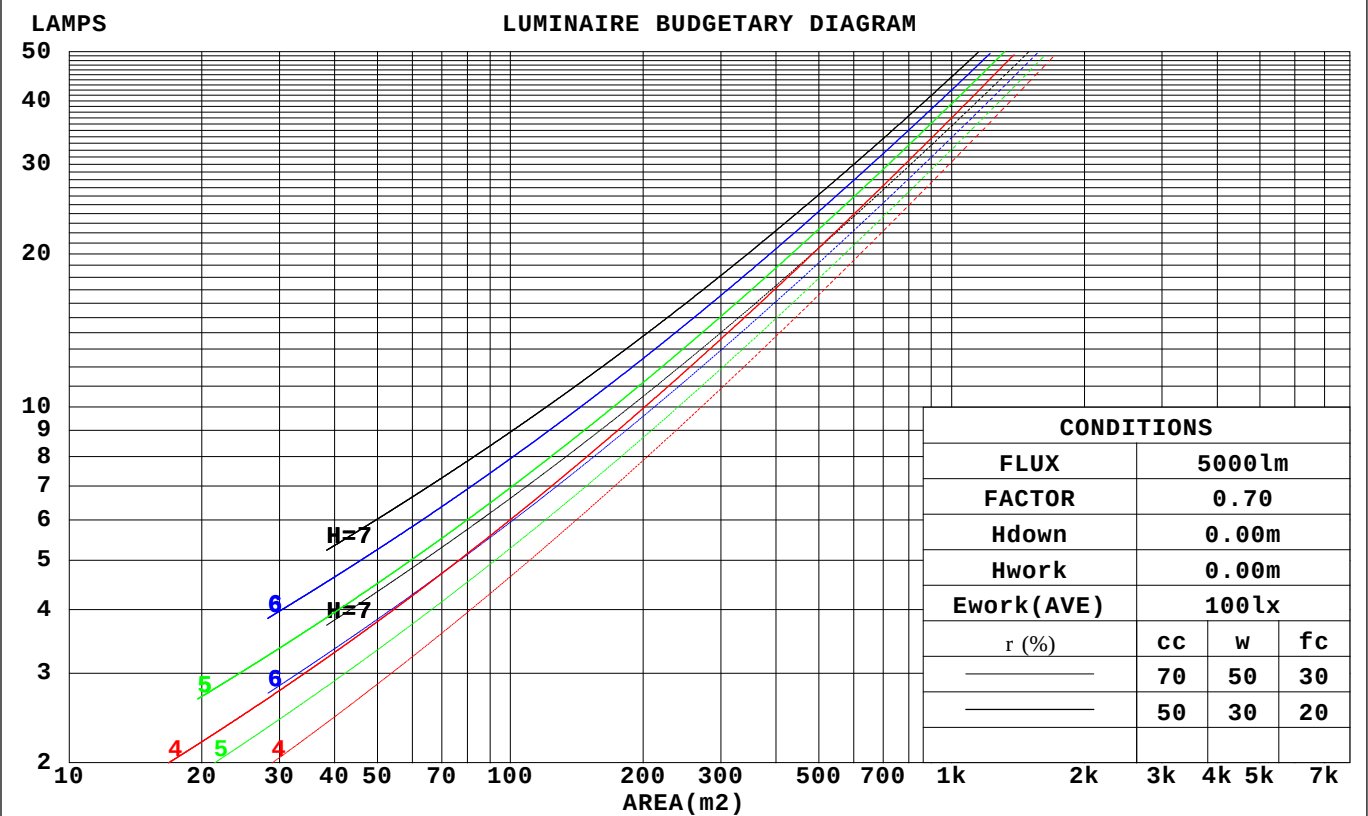
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address:															
NAME: JXL-BD12-WM15W-5CCT								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 3000				DIMENSION:				SERIAL No.:			

Γ CC	80%			70%			50%			30%			10%			0
Γ W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
Γ fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio Coefficients of Utilization(CU)															
0.0	1.16	1.16	1.16	1.11	1.11	1.11	1.03	1.03	1.03	.96	.96	.96	.89	.89	.89	.86
1.0	.97	.92	.87	.93	.89	.84	.86	.83	.79	.80	.77	.74	.74	.72	.70	.66
2.0	.83	.75	.69	.80	.73	.67	.74	.68	.63	.69	.64	.60	.64	.60	.56	.53
3.0	.72	.63	.56	.69	.61	.55	.64	.57	.52	.60	.54	.49	.55	.51	.47	.44
4.0	.63	.54	.47	.61	.52	.46	.57	.49	.43	.53	.46	.41	.49	.44	.39	.37
5.0	.56	.47	.40	.54	.45	.39	.50	.43	.37	.47	.40	.35	.44	.38	.34	.31
6.0	.50	.41	.34	.49	.40	.33	.45	.38	.32	.42	.36	.31	.39	.34	.29	.27
7.0	.45	.36	.30	.44	.35	.29	.41	.34	.28	.38	.32	.27	.36	.30	.26	.23
8.0	.41	.32	.26	.40	.32	.26	.37	.30	.25	.35	.29	.24	.33	.27	.23	.21
9.0	.38	.29	.24	.36	.29	.23	.34	.27	.22	.32	.26	.21	.30	.25	.21	.19
10.0	.35	.27	.21	.34	.26	.21	.32	.25	.20	.30	.24	.19	.28	.23	.19	.17



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25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-WM15W-5CCT							TYPE :			WEIGHT :		
SPECIFICATION :				CCT(K) : 3000			DIMENSION :			SERIAL No. :		

r c c	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 f c	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.377	.214	.068	.365	.208	.066	.344	.197	.063	.324	.187	.060	.306	.177	.057	
2.0	.330	.181	.055	.320	.176	.054	.300	.167	.052	.282	.158	.050	.266	.150	.047	
3.0	.295	.157	.047	.286	.153	.046	.268	.145	.044	.252	.138	.042	.237	.131	.041	
4.0	.266	.138	.041	.258	.135	.040	.242	.128	.038	.228	.122	.037	.214	.116	.035	
5.0	.243	.124	.036	.235	.121	.035	.221	.115	.034	.207	.109	.033	.195	.104	.031	
6.0	.223	.112	.032	.216	.109	.031	.203	.104	.030	.191	.099	.029	.179	.094	.028	
7.0	.205	.102	.029	.199	.099	.028	.187	.095	.027	.176	.090	.026	.166	.086	.025	
8.0	.191	.093	.026	.185	.091	.026	.174	.087	.025	.164	.083	.024	.154	.079	.023	
9.0	.178	.086	.024	.173	.084	.024	.163	.080	.023	.153	.077	.022	.144	.073	.021	
10.0	.166	.080	.022	.162	.078	.022	.153	.075	.021	.144	.071	.020	.136	.068	.020	

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	.297	.297	.297	.253	.253	.253	.173	.173	.173	.099	.099	.099	.032	.032	.032	
1.0	.292	.262	.236	.250	.225	.203	.171	.155	.140	.098	.090	.082	.031	.029	.026	
2.0	.285	.239	.201	.244	.206	.174	.167	.143	.121	.096	.083	.071	.031	.027	.023	
3.0	.278	.223	.179	.238	.192	.155	.163	.133	.109	.094	.078	.064	.030	.025	.021	
4.0	.270	.210	.164	.231	.182	.143	.159	.127	.101	.092	.074	.060	.030	.024	.020	
5.0	.262	.200	.154	.225	.173	.134	.155	.121	.095	.090	.071	.056	.029	.023	.019	
6.0	.255	.192	.147	.219	.166	.128	.151	.116	.091	.088	.069	.054	.028	.022	.018	
7.0	.248	.186	.142	.213	.161	.124	.147	.113	.088	.086	.066	.052	.028	.022	.017	
8.0	.241	.180	.138	.207	.156	.120	.144	.110	.085	.083	.065	.051	.027	.021	.017	
9.0	.235	.175	.135	.202	.152	.118	.140	.107	.084	.082	.063	.050	.026	.021	.017	
10.0	.229	.171	.132	.197	.148	.115	.137	.104	.082	.080	.062	.049	.026	.020	.016	

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25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-WM15W-5CCT						TYPE:			WEIGHT:		
SPECIFICATION:			CCT(K): 3000			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	18.6	20.0	19.0	20.4	20.9	17.6	19.0	18.1	19.5	20.0	
	3H	20.8	22.1	21.3	22.6	23.1	19.3	20.6	19.8	21.1	21.6
	4H	22.0	23.2	22.5	23.7	24.3	20.1	21.3	20.6	21.8	22.4
	6H	23.3	24.5	23.9	25.0	25.6	20.7	21.9	21.3	22.4	23.0
	8H	24.2	25.3	24.7	25.8	26.4	21.0	22.2	21.6	22.7	23.3
	12H	25.2	26.3	25.7	26.8	27.4	21.3	22.4	21.8	22.9	23.5
4H	2H	19.2	20.5	19.7	21.0	21.5	18.6	19.8	19.1	20.3	20.9
	3H	21.7	22.7	22.2	23.3	23.9	20.6	21.7	21.2	22.3	22.9
	4H	23.0	24.0	23.6	24.6	25.2	21.6	22.6	22.2	23.2	23.8
	6H	24.5	25.5	25.1	26.0	26.7	22.5	23.4	23.1	23.9	24.6
	8H	25.5	26.3	26.1	26.9	27.6	22.8	23.7	23.4	24.3	25.0
	12H	26.6	27.4	27.2	28.0	28.7	23.2	24.0	23.8	24.6	25.3
8H	4H	23.4	24.3	24.0	24.9	25.6	22.3	23.1	22.9	23.7	24.4
	6H	25.2	25.9	25.9	26.6	27.3	23.5	24.3	24.2	24.9	25.6
	8H	26.4	27.0	27.0	27.6	28.4	24.2	24.8	24.8	25.4	26.2
	12H	27.7	28.3	28.4	29.0	29.7	24.7	25.3	25.4	26.0	26.7
12H	4H	23.5	24.3	24.1	24.9	25.6	22.5	23.2	23.1	23.9	24.6
	6H	25.4	26.0	26.1	26.7	27.4	23.9	24.5	24.5	25.2	25.9
	8H	26.6	27.2	27.3	27.8	28.6	24.6	25.2	25.3	25.9	26.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.3 / - 0.5					

CIE Pub.117 Corrected 1100 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.3)

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25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-WM15W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	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	37	29	48	36	29	46	35	29	22
0.80	58	45	37	57	45	37	54	44	36	29
1.00	66	54	45	65	53	45	61	53	44	35
1.25	73	61	52	71	60	52	67	57	50	41
1.50	78	66	58	76	65	57	72	62	55	46
2.00	86	75	67	83	73	66	78	70	63	52
2.50	90	80	73	87	78	71	81	74	68	56
3.00	94	85	78	91	82	76	85	78	72	60
4.00	99	91	85	95	88	82	88	83	78	65
5.00	101	95	89	98	92	87	91	86	82	68
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:2024年12月25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-WM15W-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

UNIT: cd

C(DEG) γ (DEG)												
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	260	259	258	256	257	259	260	259	258	256	257	259
5.0	256	256	256	255	254	257	259	258	255	255	256	256
10.0	250	251	254	251	249	255	257	256	249	251	253	250
15.0	245	244	249	244	242	249	252	250	242	244	248	244
20.0	245	240	241	236	233	241	245	241	233	236	240	243
25.0	244	237	232	227	223	234	243	234	223	228	232	241
30.0	240	233	224	216	212	229	240	229	211	217	225	236
35.0	234	226	217	204	199	224	236	224	198	205	219	229
40.0	224	217	208	190	188	217	229	217	185	192	210	220
45.0	213	206	198	175	177	208	219	208	172	176	200	209
50.0	200	193	186	161	165	196	207	196	160	159	187	196
55.0	185	178	172	138	150	182	193	182	140	141	173	182
60.0	169	162	156	120	135	166	178	166	124	122	154	166
65.0	151	142	138	100	117	147	162	149	105	103	136	148
70.0	133	123	120	80.3	98.7	129	142	126	86.3	82.0	116	128
75.0	118	106	101	60.4	80.9	111	125	114	67.7	61.1	96.9	113
80.0	106	91.4	82.4	42.5	66.2	90.9	107	94.8	52.6	41.4	78.3	98.7
85.0	100	82.9	66.4	28.3	58.3	72.1	91.7	77.1	44.5	24.7	63.4	91.4
90.0	91.7	71.7	58.1	22.3	51.6	59.7	83.4	67.8	39.1	15.8	55.3	79.9
95.0	79.8	59.8	50.9	16.8	45.7	47.4	72.5	58.4	34.4	10.4	48.1	66.7
100.0	67.3	47.0	42.9	10.5	40.4	46.6	66.6	54.0	30.0	9.81	40.3	54.2
105.0	54.7	41.8	35.0	6.99	35.1	45.9	54.9	49.9	25.6	7.65	33.3	48.3
110.0	43.5	38.6	27.7	5.39	30.4	42.1	53.0	44.7	21.6	6.85	26.9	44.6
115.0	39.9	33.1	21.9	4.90	24.7	35.9	49.2	39.2	18.0	6.43	20.8	38.8
120.0	35.6	26.9	17.5	4.56	19.3	26.3	44.3	32.6	14.2	6.19	15.9	32.2
125.0	30.8	20.4	13.5	4.17	14.6	19.8	38.9	26.8	11.3	5.74	11.8	24.4
130.0	25.8	13.9	9.64	3.75	12.2	15.9	33.1	22.1	9.05	5.11	8.28	17.8
135.0	20.7	9.18	6.40	3.30	9.71	13.7	26.0	17.8	6.33	4.35	5.25	13.4
140.0	16.1	6.19	5.18	2.81	6.47	11.5	20.6	14.7	3.96	3.30	3.37	10.0
145.0	10.8	4.00	4.21	2.29	4.00	9.08	16.4	11.7	2.05	3.06	2.71	6.89
150.0	7.03	1.98	3.37	1.84	2.95	6.78	11.6	8.70	1.84	2.57	2.05	4.07
155.0	3.51	1.81	2.71	1.53	2.74	4.17	7.24	5.56	1.84	2.19	1.53	3.13
160.0	3.23	1.77	2.47	1.56	2.57	1.91	3.41	3.20	1.77	2.15	1.42	2.88
165.0	2.92	1.70	2.36	1.56	2.40	1.91	2.40	2.99	1.70	2.08	1.42	2.64
170.0	2.68	1.67	2.26	1.60	2.26	1.77	2.29	2.68	1.67	2.01	1.46	2.47
175.0	2.57	1.70	2.19	1.63	1.49	2.40	2.22	2.50	1.67	1.98	1.49	2.40
180.0	2.33	1.77	2.12	1.98	1.49	2.33	2.33	1.77	2.12	1.98	1.49	2.33

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月25日

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