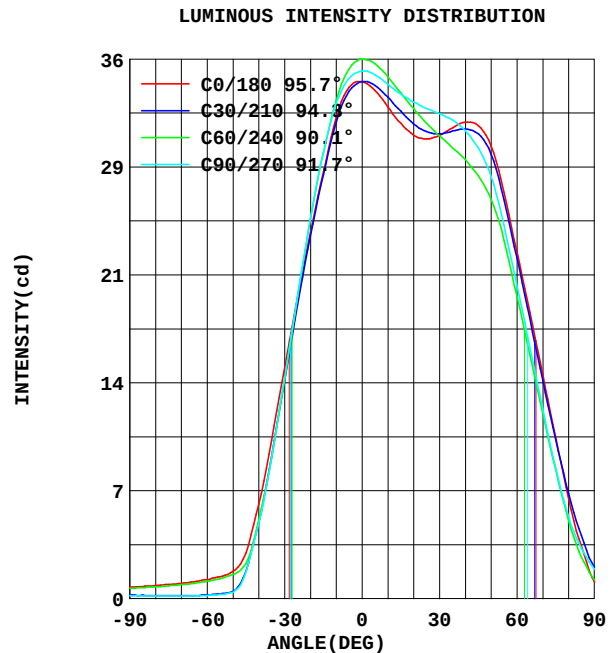
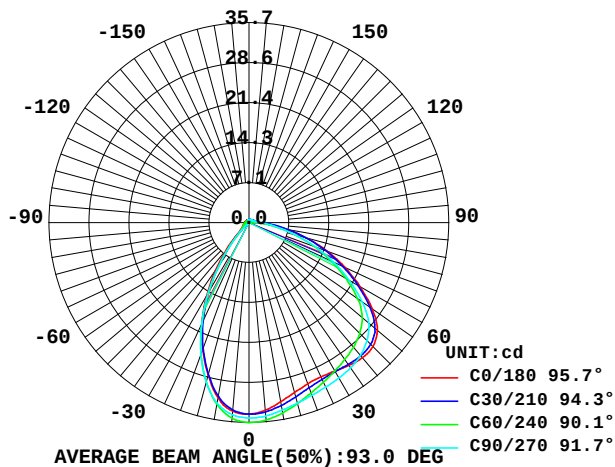


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD90-R18W-RGBCW-R		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

MODEL:		Imax(cd):	35.74	Effective Flux(lm):	82.3
NOMINAL POWER(W):	6	MAXIMUM(C _g):	60, 0.0	EEI	0.489
RATED VOLTAGE(V):	124	EFFICIENCY(%):	100.0	Voltage(V)	124.0
NOMINAL FLUX(lm):	82.3	h street_up(%):	1.6	Current(A)	0.054
TEST FLUX(lm):	82.3	h street_down(%):	30.2	Power(W)	5.880
LAMPS QUANTITY:	1	h house_up(%)	2.1	Power Factor	0.867
TOTAL RADIANT(mw):	82.3	h house_down(%):	66.0	EEFICIENCY(lm/W)	14.0



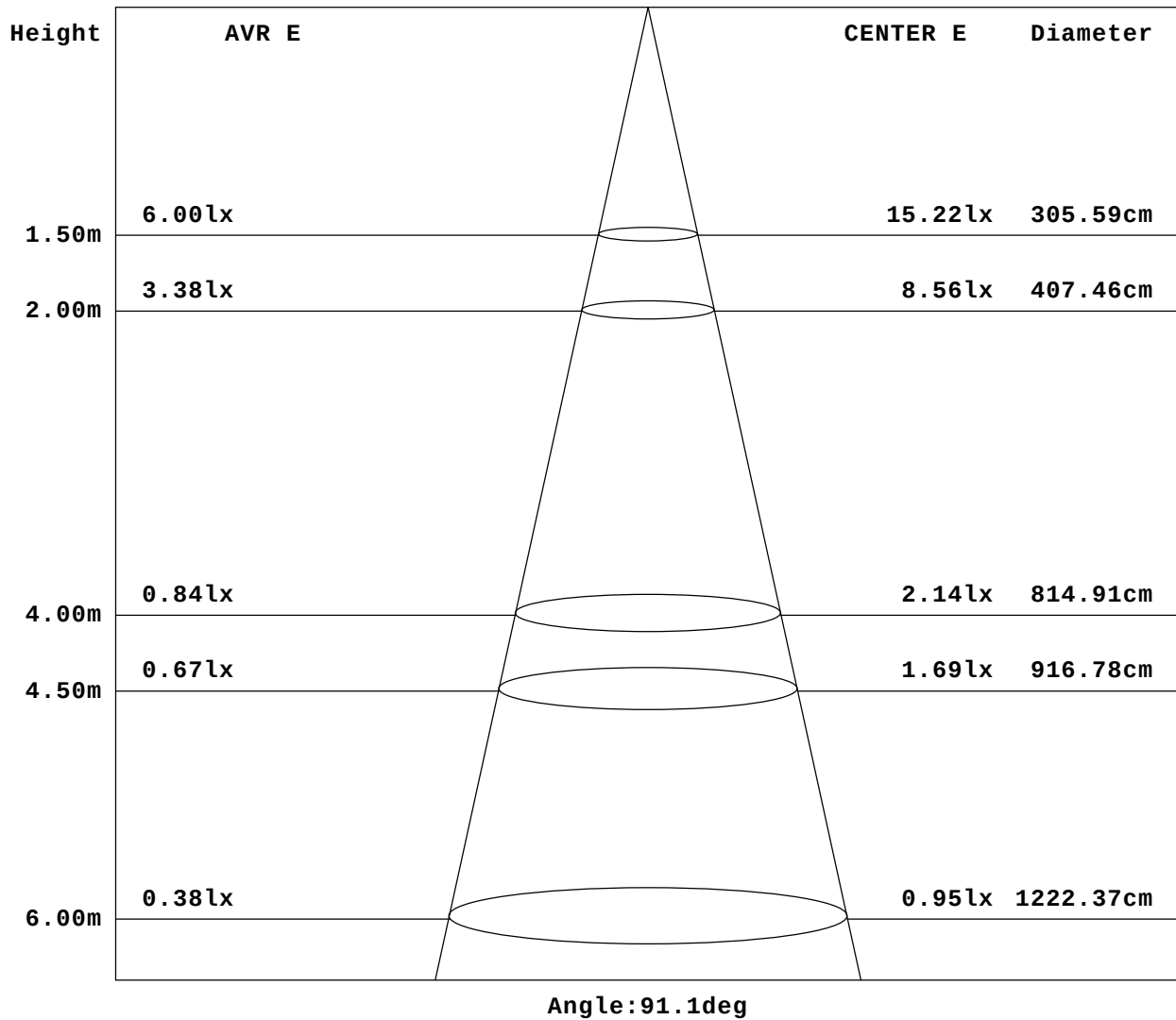
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24日

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-BD90-R18W-RGBCW-R		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24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-BD90-R18W-RGBCW-R		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	total
5.0	33.87	34.35	34.46	34.89	33.66	34.72	34.70	34.68	0- 5	0.830	0.830
10.0	31.88	32.28	32.82	33.73	32.58	33.92	34.07	33.15	5- 10	2.419	3.250
15.0	28.26	28.82	29.55	31.81	31.50	32.91	33.41	30.70	10- 15	3.796	7.046
20.0	24.22	24.57	25.16	29.53	30.70	31.95	32.89	28.09	15- 20	4.885	11.93
25.0	19.94	19.75	19.98	27.04	30.45	31.22	32.47	25.65	20- 25	5.685	17.61
30.0	15.31	14.49	14.65	24.55	30.70	30.73	32.12	23.30	25- 30	6.204	23.82
35.0	10.47	9.363	9.363	22.19	31.18	30.42	31.71	21.04	30- 35	6.465	30.28
40.0	6.265	5.151	4.977	20.22	31.57	30.11	31.01	18.95	35- 40	6.535	36.82
45.0	3.028	2.071	1.775	18.53	31.32	29.41	29.86	17.02	40- 45	6.513	43.33
50.0	1.810	1.044	0.418	17.30	29.97	27.93	27.95	15.56	45- 50	6.449	49.78
55.0	1.462	0.818	0.278	15.75	26.90	25.08	24.74	13.80	50- 55	6.329	56.11
60.0	1.253	0.696	0.209	13.73	22.97	21.28	20.71	11.55	55- 60	5.857	61.97
65.0	1.113	0.609	0.174	11.45	18.97	17.35	16.63	9.259	60- 65	5.142	67.11
70.0	1.009	0.574	0.174	9.068	14.89	13.40	12.60	7.031	65- 70	4.278	71.39
75.0	0.940	0.522	0.174	6.526	10.65	9.520	8.632	4.943	70- 75	3.307	74.70
80.0	0.870	0.505	0.174	4.090	6.613	6.056	5.430	3.115	75- 80	2.304	77.00
85.0	0.801	0.487	0.174	2.262	3.481	3.463	3.341	1.757	80- 85	1.426	78.43
90.0	0.766	0.470	0.209	0.888	1.113	1.653	1.949	0.801	85- 90	0.786	79.21
95.0	0.731	0.453	0.209	0.505	0.487	0.957	1.392	0.487	90- 95	0.417	79.63
100.0	0.696	0.453	0.244	0.453	0.418	0.766	1.183	0.418	95-100	0.321	79.95
105.0	0.696	0.435	0.244	0.400	0.348	0.644	1.009	0.400	100-105	0.283	80.24
110.0	0.661	0.435	0.244	0.383	0.313	0.574	0.905	0.383	105-110	0.256	80.49
115.0	0.661	0.435	0.278	0.366	0.348	0.540	0.835	0.366	110-115	0.234	80.73
120.0	0.627	0.435	0.278	0.366	0.348	0.505	0.766	0.348	115-120	0.220	80.95
125.0	0.627	0.418	0.278	0.366	0.348	0.470	0.696	0.366	120-125	0.204	81.15
130.0	0.592	0.435	0.313	0.366	0.348	0.470	0.661	0.366	125-130	0.188	81.34
135.0	0.592	0.418	0.313	0.366	0.383	0.453	0.627	0.366	130-135	0.173	81.51
140.0	0.592	0.453	0.348	0.366	0.383	0.435	0.627	0.366	135-140	0.159	81.67
145.0	0.557	0.435	0.348	0.383	0.418	0.435	0.592	0.366	140-145	0.142	81.81
150.0	0.557	0.435	0.383	0.244	0.418	0.418	0.592	0.366	145-150	0.124	81.94
155.0	0.557	0.348	0.557	0.244	0.453	0.435	0.557	0.366	150-155	0.102	82.04
160.0	0.453	0.435	0.557	0.261	0.453	0.435	0.557	0.366	155-160	0.086	82.12
165.0	0.487	0.435	0.557	0.296	0.487	0.435	0.557	0.366	160-165	0.070	82.20
170.0	0.487	0.435	0.522	0.296	0.487	0.435	0.522	0.296	165-170	0.050	82.25
175.0	0.522	0.435	0.522	0.331	0.522	0.435	0.522	0.331	170-175	0.030	82.28
180.0	0.522	0.435	0.522	0.331	0.522	0.435	0.522	0.331	175-180	0.010	82.29
DEG	LUMINOUS INTENSITY:cd									UNIT: lm	

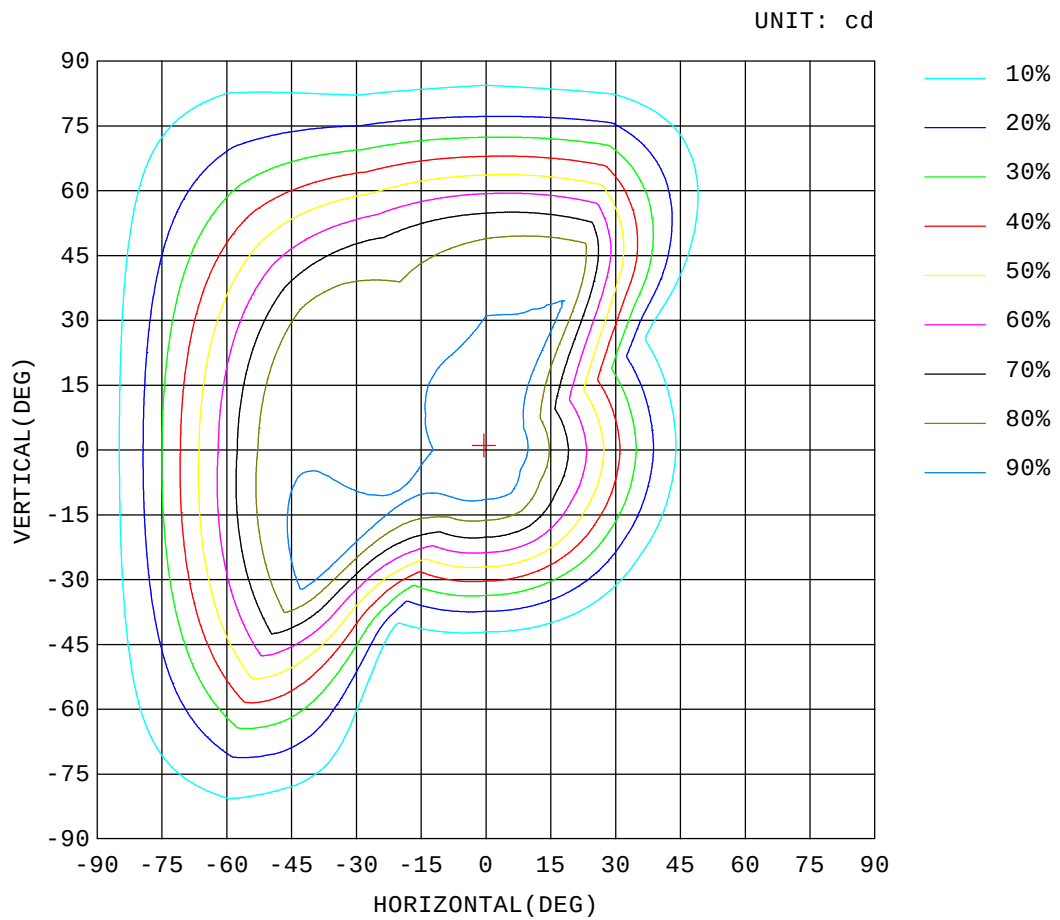
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24日

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-BD90-R18W-RGBCW-R		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24日

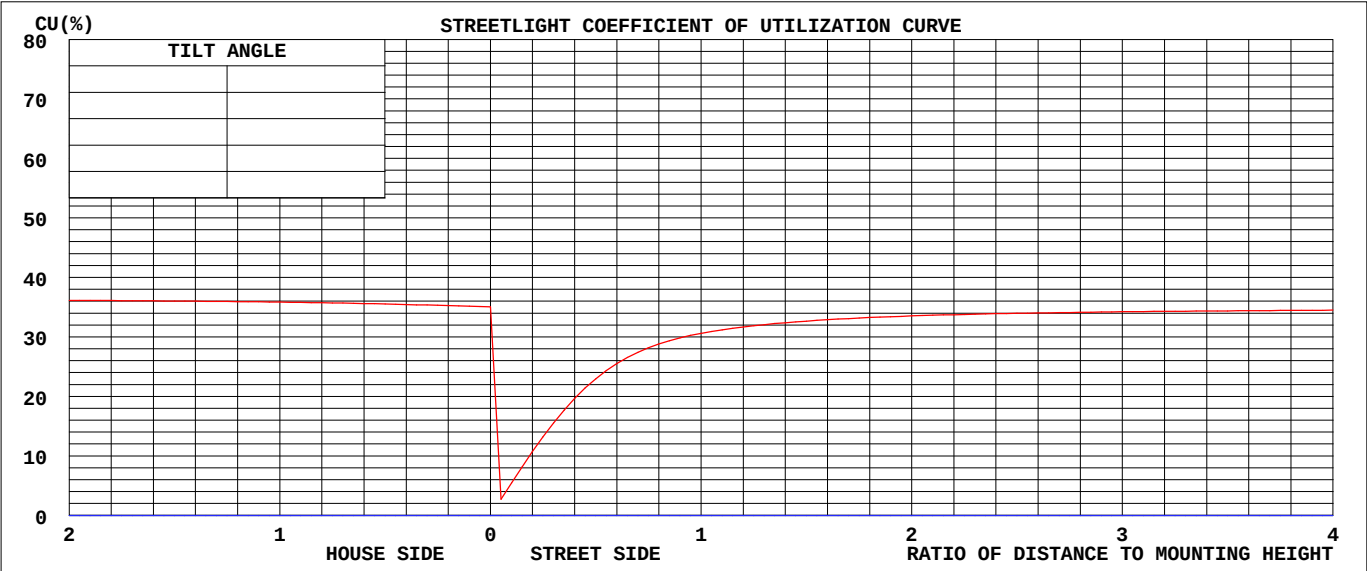
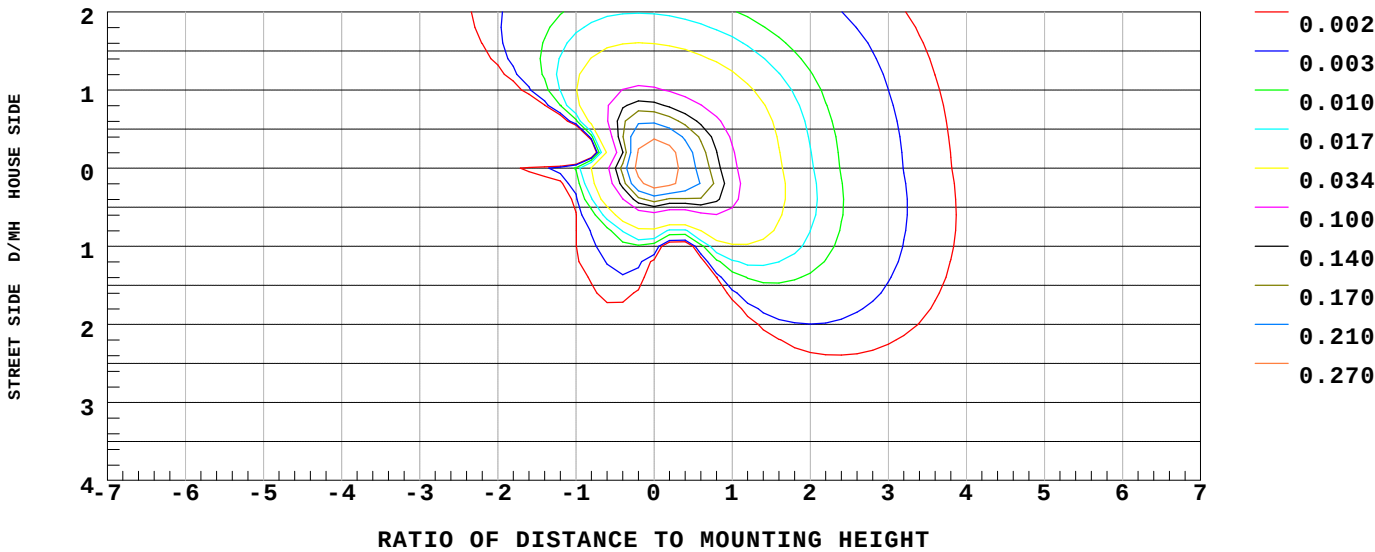
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD90-R18W-RGBCW-R		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 0.34 lx



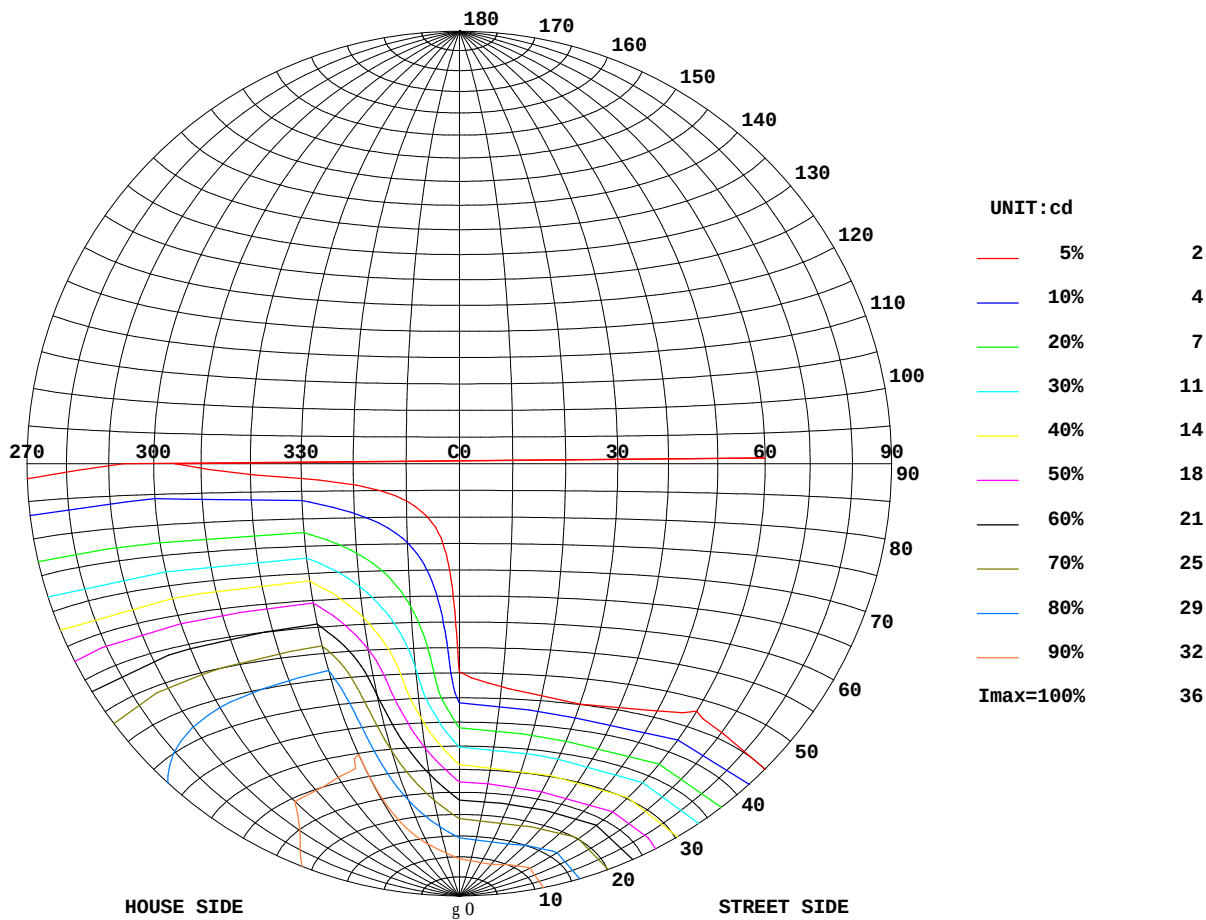
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24日

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-BD90-R18W-RGBCW-R		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24日

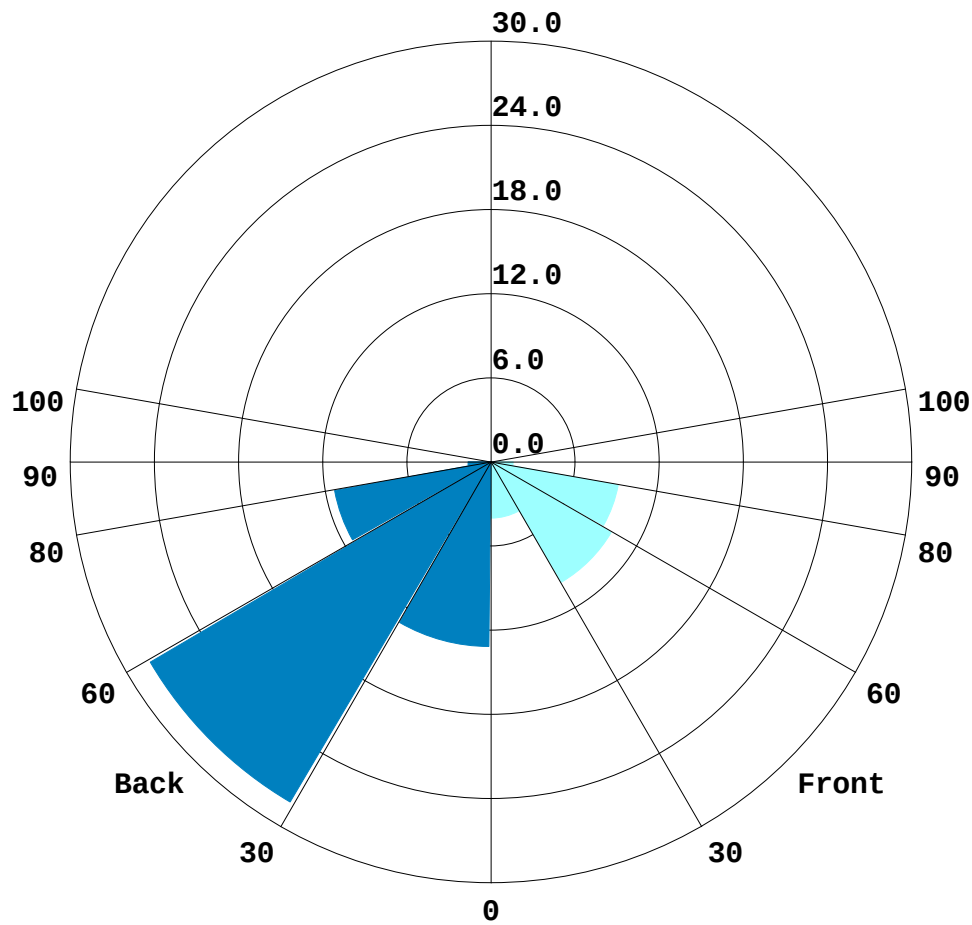
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

LCS Report

Report number:

MANUFACTURER:			
Address:			
NAME: JXL-BD90-R18W-RGBCW-R		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:2024年12月24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-BD90-R18W-RGBCW-R		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

IESNA Luminaire Flux Distribution Table

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	4.0	4.9
FM - Front-Medium(30-60)	10.0	12.1
FH - Front-High(60-80)	9.2	11.2
FVH - Front-VeryHigh(80-90)	1.6	2.0
Total Forward Light	24.9	30.2

BL - Back-Low(0-30)	13.2	16.1
BM - Back-Medium(30-60)	28.2	34.2
BH - Back-High(60-80)	11.3	13.8
BVH - Back-VeryHigh(80-90)	1.6	2.0
Total Back Light	54.3	66.0

UL - Uplight-Low(90-100)	0.0	0.0
UH - Uplight-High(100-180)	3.1	3.7
Total UpLight	3.1	3.7

BUG(Back, Up, Glare) Rating	B0-U1-G0
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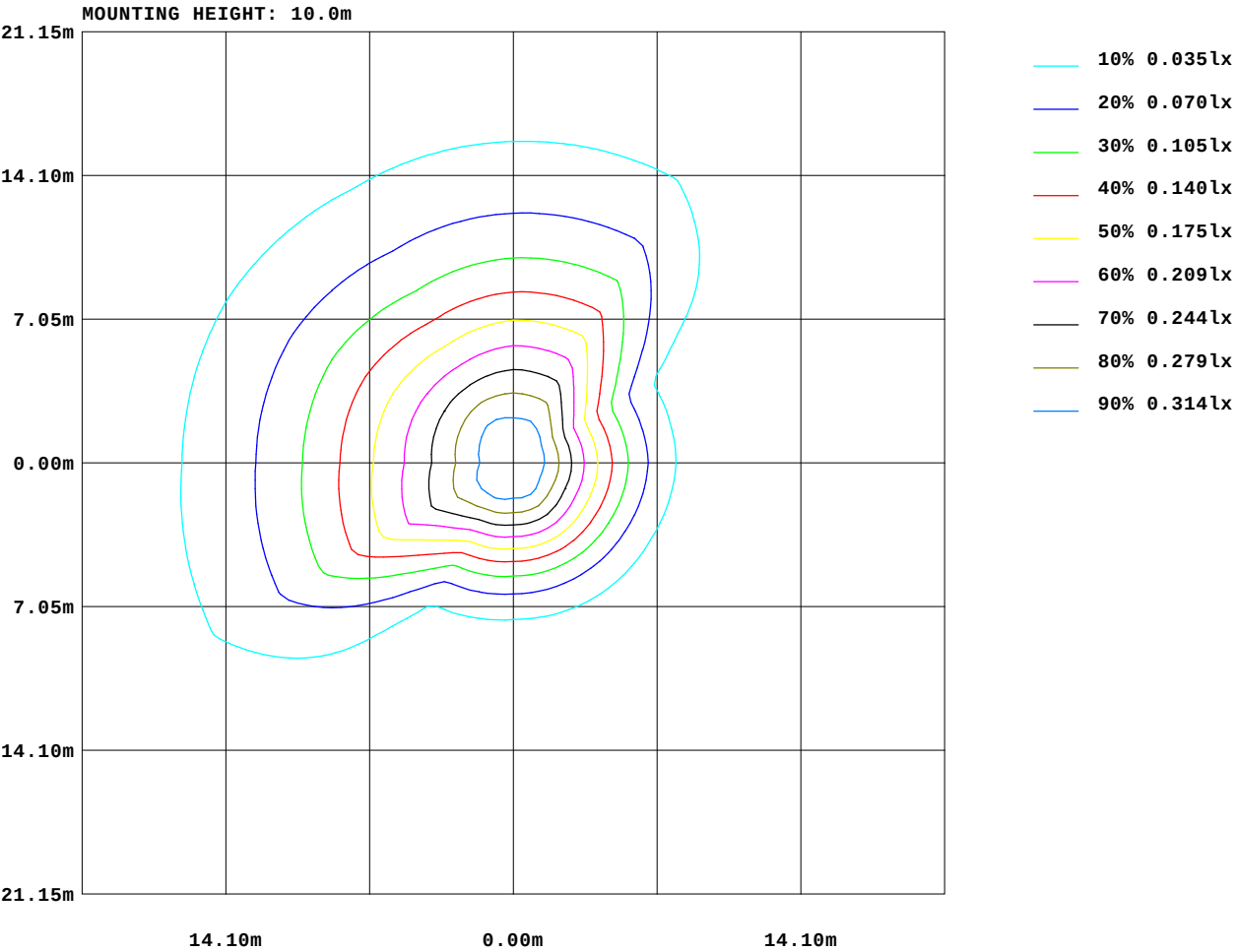
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24日

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-BD90-R18W-RGBCW-R		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



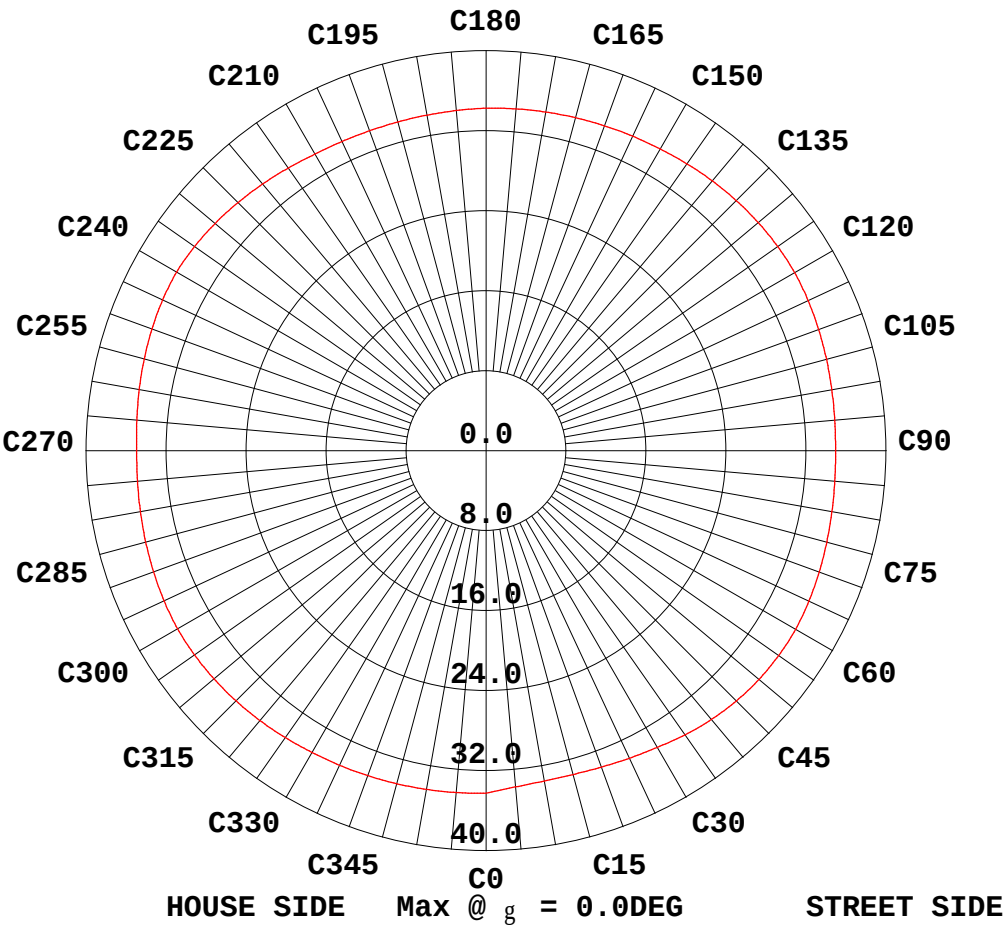
Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24日

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-BD90-R18W-RGBCW-R		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24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-BD90-R18W-RGBCW-R										TYPE:					WEIGHT:				
SPECIFICATION:					CCT(K): 0					DIMENSION:					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT: lm		Φ t	Φ a
	0.00	0.02	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.10	0.09	0.08	0.05	0.03	0.02	0.01	0.01	0.00	0.90	0.90
	0.01	0.03	0.06	0.10	0.14	0.18	0.21	0.24	0.26	0.27	0.25	0.22	0.15	0.07	0.02	0.01	0.01	0.00	2.21	2.21
	0.01	0.04	0.09	0.17	0.25	0.32	0.39	0.46	0.50	0.51	0.48	0.42	0.25	0.11	0.03	0.01	0.01	0.00	4.03	4.03
	0.01	0.05	0.13	0.24	0.36	0.48	0.58	0.68	0.74	0.75	0.72	0.61	0.34	0.13	0.02	0.01	0.01	0.00	5.85	5.85
	0.01	0.06	0.16	0.31	0.48	0.63	0.73	0.82	0.89	0.91	0.88	0.71	0.35	0.11	0.02	0.01	0.01	0.00	7.08	7.08
	0.01	0.07	0.19	0.37	0.57	0.72	0.81	0.88	0.94	0.96	0.93	0.65	0.27	0.05	0.02	0.01	0.01	0.00	7.47	7.47
	0.01	0.08	0.22	0.42	0.63	0.77	0.84	0.91	0.97	0.98	0.88	0.53	0.17	0.04	0.02	0.01	0.01	0.00	7.48	7.48
	0.01	0.08	0.24	0.45	0.66	0.78	0.85	0.93	1.00	1.00	0.80	0.45	0.20	0.06	0.02	0.01	0.01	0.00	7.56	7.56
	0.01	0.09	0.24	0.47	0.67	0.78	0.85	0.94	1.03	1.02	0.80	0.53	0.25	0.07	0.03	0.01	0.01	0.00	7.79	7.79
	0.01	0.09	0.25	0.47	0.68	0.79	0.86	0.95	1.03	1.00	0.80	0.53	0.25	0.07	0.02	0.01	0.01	0.00	7.83	7.83
	0.01	0.09	0.25	0.47	0.69	0.82	0.88	0.86	0.89	0.86	0.68	0.43	0.19	0.04	0.02	0.01	0.01	0.00	7.19	7.19
	0.01	0.08	0.23	0.45	0.69	0.79	0.67	0.56	0.60	0.59	0.46	0.27	0.10	0.02	0.01	0.01	0.01	0.00	5.55	5.55
	0.01	0.07	0.21	0.41	0.62	0.59	0.38	0.25	0.29	0.28	0.21	0.11	0.03	0.01	0.01	0.01	0.01	0.00	3.49	3.49
	0.01	0.06	0.18	0.36	0.47	0.38	0.15	0.06	0.07	0.06	0.06	0.04	0.02	0.01	0.01	0.01	0.00	0.00	1.95	1.95
	0.01	0.05	0.14	0.27	0.31	0.23	0.06	0.03	0.02	0.02	0.03	0.03	0.02	0.01	0.00	0.01	0.00	0.00	1.23	1.23
	0.01	0.04	0.10	0.18	0.19	0.13	0.03	0.02	0.01	0.01	0.02	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.80	0.80
	0.00	0.02	0.06	0.09	0.10	0.06	0.02	0.02	0.01	0.01	0.02	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.48	0.48
	0.00	0.01	0.03	0.04	0.04	0.03	0.02	0.01	0.01	0.01	0.01	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.27	0.27
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	0.15	1.00	2.81	5.33	7.60	8.55	8.42	8.69	9.36	9.34	8.11	5.64	2.69	0.85	0.29	0.18	0.11	0.04	82	
Φ a	0.15	1.00	2.81	5.33	7.60	8.55	8.42	8.69	9.36	9.34	8.11	5.64	2.69	0.85	0.29	0.18	0.11	0.04		82

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24日

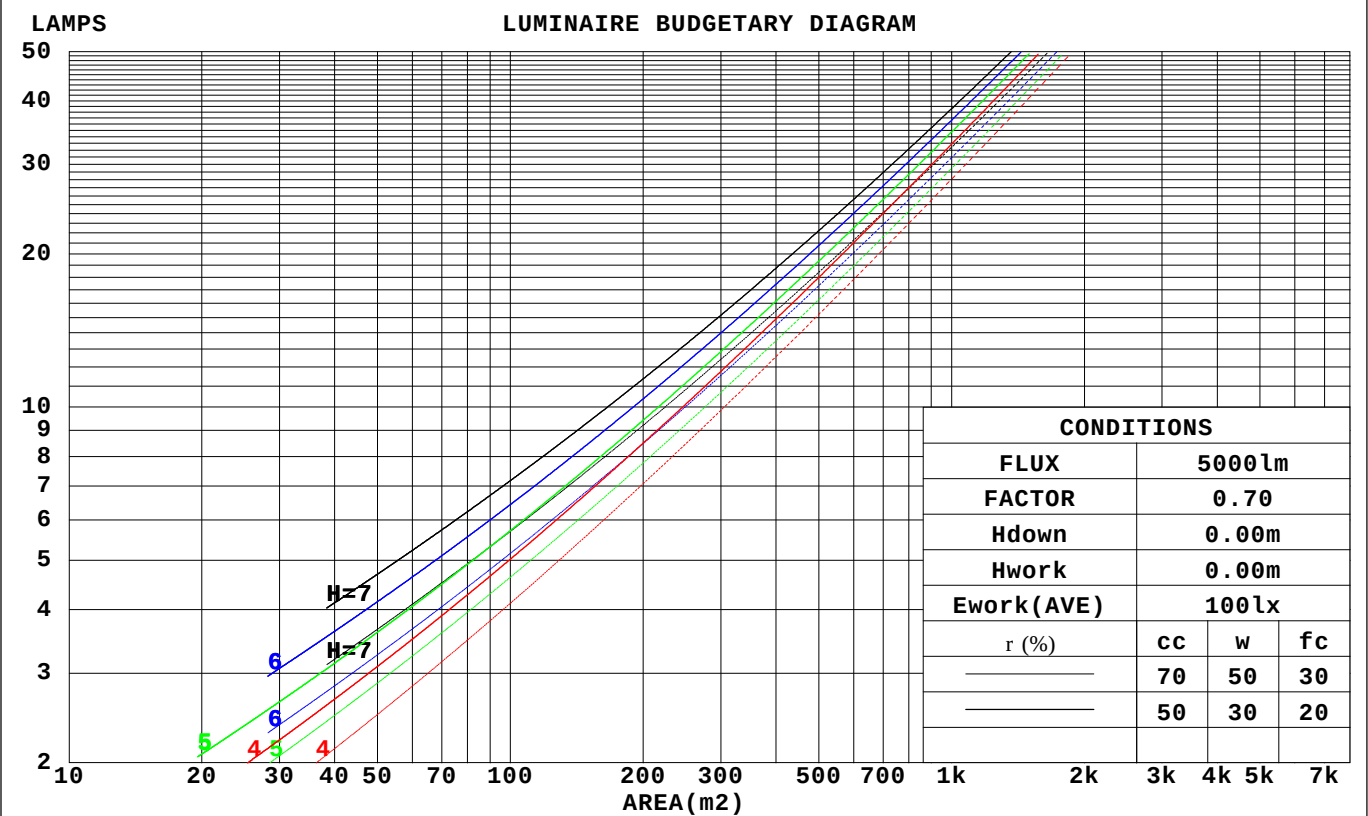
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address:															
NAME: JXL-BD90-R18W-RGBCW-R								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 0				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	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.96
1.0	1.03	.98	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.84	.82	.80
2.0	.90	.83	.77	.88	.81	.76	.83	.78	.74	.80	.75	.71	.76	.72	.69	.67
3.0	.79	.71	.64	.77	.70	.64	.74	.67	.62	.70	.65	.60	.67	.63	.59	.57
4.0	.70	.62	.55	.69	.61	.54	.66	.59	.53	.63	.57	.52	.60	.55	.51	.49
5.0	.63	.54	.48	.62	.53	.47	.59	.52	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.57	.48	.42	.56	.47	.41	.54	.46	.41	.52	.45	.40	.50	.44	.39	.37
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.47	.41	.36	.45	.40	.35	.33
8.0	.47	.39	.33	.47	.39	.33	.45	.38	.33	.43	.37	.32	.42	.36	.32	.30
9.0	.44	.36	.30	.43	.35	.30	.41	.34	.30	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.33	.27	.40	.32	.27	.38	.32	.27	.37	.31	.27	.36	.31	.26	.25



Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24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-BD90-R18W-RGBCW-R							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	.313	.178	.056	.304	.174	.055	.289	.166	.053	.275	.159	.051	.262	.152	.049	
2.0	.290	.159	.049	.282	.156	.048	.269	.149	.046	.256	.144	.045	.245	.138	.044	
3.0	.266	.142	.042	.260	.139	.042	.248	.134	.041	.237	.130	.040	.226	.125	.039	
4.0	.245	.127	.037	.239	.125	.037	.228	.121	.036	.218	.117	.035	.209	.114	.035	
5.0	.226	.115	.033	.221	.113	.033	.211	.110	.032	.202	.107	.032	.194	.104	.031	
6.0	.209	.105	.030	.205	.103	.030	.196	.101	.029	.188	.098	.029	.180	.095	.028	
7.0	.195	.096	.027	.191	.095	.027	.183	.092	.027	.176	.090	.026	.169	.088	.026	
8.0	.182	.089	.025	.178	.088	.025	.171	.085	.024	.164	.083	.024	.158	.081	.024	
9.0	.170	.082	.023	.167	.081	.023	.161	.079	.023	.155	.078	.022	.149	.076	.022	
10.0	.160	.077	.021	.157	.076	.021	.151	.074	.021	.146	.072	.021	.141	.071	.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	.219	.219	.219	.187	.187	.187	.128	.128	.128	.073	.073	.073	.023	.023	.023	
1.0	.209	.185	.163	.179	.159	.140	.122	.109	.097	.070	.063	.056	.023	.020	.018	
2.0	.201	.161	.127	.172	.138	.110	.118	.096	.077	.068	.056	.045	.022	.018	.015	
3.0	.193	.143	.104	.165	.124	.090	.113	.086	.063	.066	.050	.037	.021	.016	.012	
4.0	.185	.130	.088	.159	.112	.077	.109	.078	.054	.063	.046	.032	.020	.015	.010	
5.0	.177	.120	.077	.152	.104	.067	.105	.072	.047	.061	.042	.028	.020	.014	.009	
6.0	.170	.111	.069	.146	.096	.060	.101	.067	.043	.059	.040	.025	.019	.013	.008	
7.0	.163	.104	.063	.140	.091	.055	.097	.063	.039	.056	.037	.023	.018	.012	.008	
8.0	.157	.099	.059	.135	.086	.051	.093	.060	.036	.054	.035	.022	.018	.012	.007	
9.0	.151	.094	.055	.130	.081	.048	.090	.057	.034	.052	.034	.020	.017	.011	.007	
10.0	.145	.089	.052	.125	.078	.046	.087	.055	.032	.051	.032	.019	.016	.011	.006	

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24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-BD90-R18W-RGBCW-R						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	4.6	6.0	4.9	6.3	6.6	4.3	5.7	4.6	6.0	6.2
	3H	5.4	6.7	5.7	7.0	7.3	4.5	5.9	4.9	6.2	6.5
	4H	6.2	7.5	6.6	7.8	8.1	4.7	6.0	5.1	6.3	6.6
	6H	7.4	8.6	7.8	9.0	9.3	5.0	6.2	5.4	6.5	6.9
	8H	8.3	9.4	8.7	9.8	10.1	5.2	6.3	5.6	6.7	7.1
	12H	9.3	10.4	9.7	10.8	11.2	5.4	6.5	5.8	6.9	7.3
4H	2H	4.5	5.8	4.9	6.1	6.4	4.3	5.5	4.6	5.8	6.2
	3H	5.3	6.4	5.7	6.8	7.2	5.2	6.3	5.6	6.6	7.0
	4H	6.2	7.2	6.7	7.6	8.0	5.8	6.9	6.3	7.2	7.7
	6H	7.7	8.6	8.2	9.1	9.5	6.6	7.5	7.0	7.9	8.3
	8H	8.8	9.6	9.3	10.1	10.5	7.0	7.8	7.4	8.2	8.7
	12H	10.1	10.9	10.6	11.4	11.9	7.3	8.1	7.8	8.6	9.1
8H	4H	6.5	7.3	7.0	7.8	8.2	6.2	7.1	6.7	7.5	8.0
	6H	8.0	8.7	8.5	9.2	9.7	7.7	8.4	8.2	8.9	9.4
	8H	9.1	9.7	9.6	10.2	10.8	8.6	9.2	9.1	9.7	10.2
	12H	10.7	11.3	11.2	11.8	12.3	9.4	9.9	9.9	10.4	11.0
12H	4H	6.7	7.4	7.1	7.9	8.4	6.2	7.0	6.7	7.5	8.0
	6H	8.2	8.9	8.8	9.3	9.9	7.9	8.5	8.4	9.0	9.5
	8H	9.3	9.9	9.9	10.4	10.9	9.0	9.6	9.6	10.1	10.6
Variations with the observer position at spacings:											
S = 1.0H		+ 1.0 / - 0.7					+ 0.7 / - 0.6				
1.5H		+ 2.1 / - 0.9					+ 1.6 / - 0.7				
2.0H		+ 1.2 / - 0.7					+ 0.6 / - 0.6				

CIE Pub.117 Corrected 82.29 lm Total Lamp Luminous Flux.(8log(F/F0) = -8.7)

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24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-BD90-R18W-RGBCW-R						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	58	46	39	57	46	39	55	45	39	33
0.80	67	56	49	66	55	48	64	54	48	41
1.00	75	64	57	74	64	57	71	65	56	49
1.25	82	72	65	81	71	64	78	69	63	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	79	92	84	78	88	81	76	67
2.50	98	90	84	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	94	89	84	75
4.00	105	99	94	102	97	93	97	93	90	80
5.00	107	102	98	105	100	96	100	96	93	83
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24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-BD90-R18W-RGBCW-R		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		34.2	34.2	35.7	34.9	35.6	34.8	34.2	34.2	35.7	34.9	35.6	34.8
5.0		33.8	33.6	35.0	34.4	35.3	34.4	33.6	34.0	35.4	34.7	35.0	34.2
10.0		31.8	31.5	32.9	32.8	33.8	33.6	32.5	33.2	34.6	34.0	34.2	32.0
15.0		28.2	28.0	29.5	29.5	30.7	32.9	31.5	32.3	33.5	33.4	33.3	28.0
20.0		24.2	24.0	25.1	25.1	26.5	32.5	30.7	31.4	32.4	32.8	32.7	23.4
25.0		19.9	19.4	20.0	19.9	21.5	32.5	30.4	30.9	31.5	32.4	32.3	18.9
30.0		15.3	14.4	14.5	14.6	16.1	32.9	30.7	30.8	30.6	32.1	32.2	14.3
35.0		10.4	9.43	9.29	9.36	10.7	33.6	31.1	30.9	29.8	31.7	32.1	9.92
40.0		6.26	5.04	5.25	4.97	6.33	34.1	31.5	31.1	29.1	31.0	31.9	5.95
45.0		3.02	1.81	2.33	1.77	3.06	34.0	31.3	30.8	28.0	29.8	31.1	2.85
50.0		1.81	0.49	1.60	0.42	1.74	32.8	29.9	29.4	26.4	27.9	29.4	1.67
55.0		1.46	0.31	1.32	0.28	1.42	30.0	26.9	26.4	23.7	24.7	26.2	1.39
60.0		1.25	0.24	1.14	0.21	1.21	26.2	22.9	22.5	20.0	20.7	21.9	1.18
65.0		1.11	0.21	1.00	0.17	1.04	21.8	18.9	18.5	16.1	16.6	17.4	1.04
70.0		1.00	0.21	0.94	0.17	0.94	17.1	14.8	14.5	12.2	12.6	13.1	0.94
75.0		0.94	0.21	0.84	0.17	0.87	12.1	10.6	10.5	8.52	8.63	9.01	0.87
80.0		0.87	0.21	0.80	0.17	0.80	7.37	6.61	6.96	5.15	5.43	5.43	0.80
85.0		0.80	0.24	0.73	0.17	0.77	3.75	3.48	4.17	2.74	3.34	2.78	0.73
90.0		0.77	0.24	0.70	0.21	0.70	1.07	1.11	2.08	1.21	1.94	0.91	0.70
95.0		0.73	0.24	0.66	0.21	0.66	0.35	0.49	1.49	0.42	1.39	0.31	0.66
100.0		0.70	0.28	0.63	0.24	0.63	0.28	0.42	1.25	0.28	1.18	0.21	0.63
105.0		0.70	0.28	0.59	0.24	0.59	0.21	0.35	1.07	0.21	1.00	0.17	0.63
110.0		0.66	0.28	0.59	0.24	0.59	0.17	0.31	0.97	0.17	0.91	0.17	0.59
115.0		0.66	0.31	0.56	0.28	0.56	0.17	0.35	0.91	0.17	0.84	0.14	0.59
120.0		0.63	0.31	0.56	0.28	0.56	0.17	0.35	0.84	0.17	0.77	0.14	0.56
125.0		0.63	0.31	0.52	0.28	0.56	0.17	0.35	0.77	0.17	0.70	0.17	0.56
130.0		0.59	0.35	0.52	0.31	0.52	0.21	0.35	0.73	0.21	0.66	0.17	0.56
135.0		0.59	0.35	0.49	0.31	0.52	0.21	0.38	0.70	0.21	0.63	0.21	0.52
140.0		0.59	0.38	0.52	0.35	0.52	0.21	0.38	0.66	0.21	0.63	0.21	0.52
145.0		0.56	0.38	0.49	0.35	0.52	0.24	0.42	0.63	0.24	0.59	0.21	0.52
150.0		0.56	0.38	0.49	0.38	0.24	0.24	0.42	0.59	0.24	0.59	0.24	0.49
155.0		0.56	0.42	0.28	0.56	0.24	0.24	0.45	0.59	0.28	0.56	0.24	0.49
160.0		0.45	0.59	0.28	0.56	0.24	0.28	0.45	0.59	0.28	0.56	0.24	0.49
165.0		0.49	0.56	0.31	0.56	0.28	0.31	0.49	0.56	0.31	0.56	0.28	0.45
170.0		0.49	0.56	0.31	0.52	0.28	0.31	0.49	0.56	0.31	0.52	0.28	0.31
175.0		0.52	0.56	0.31	0.52	0.31	0.35	0.52	0.56	0.31	0.52	0.31	0.35
180.0		0.52	0.52	0.35	0.52	0.31	0.35	0.52	0.52	0.35	0.52	0.31	0.35

Test System:HOP00 HPG1800
Temperature:25.3DEG
Operators:
Test Date:2024年12月24日

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