

LAMP PHOTOMETRIC REPORT

MODEL: JXL-MZ05-T12W-5CCT-27K

POWER: 12W

VOLTAGE: 120V

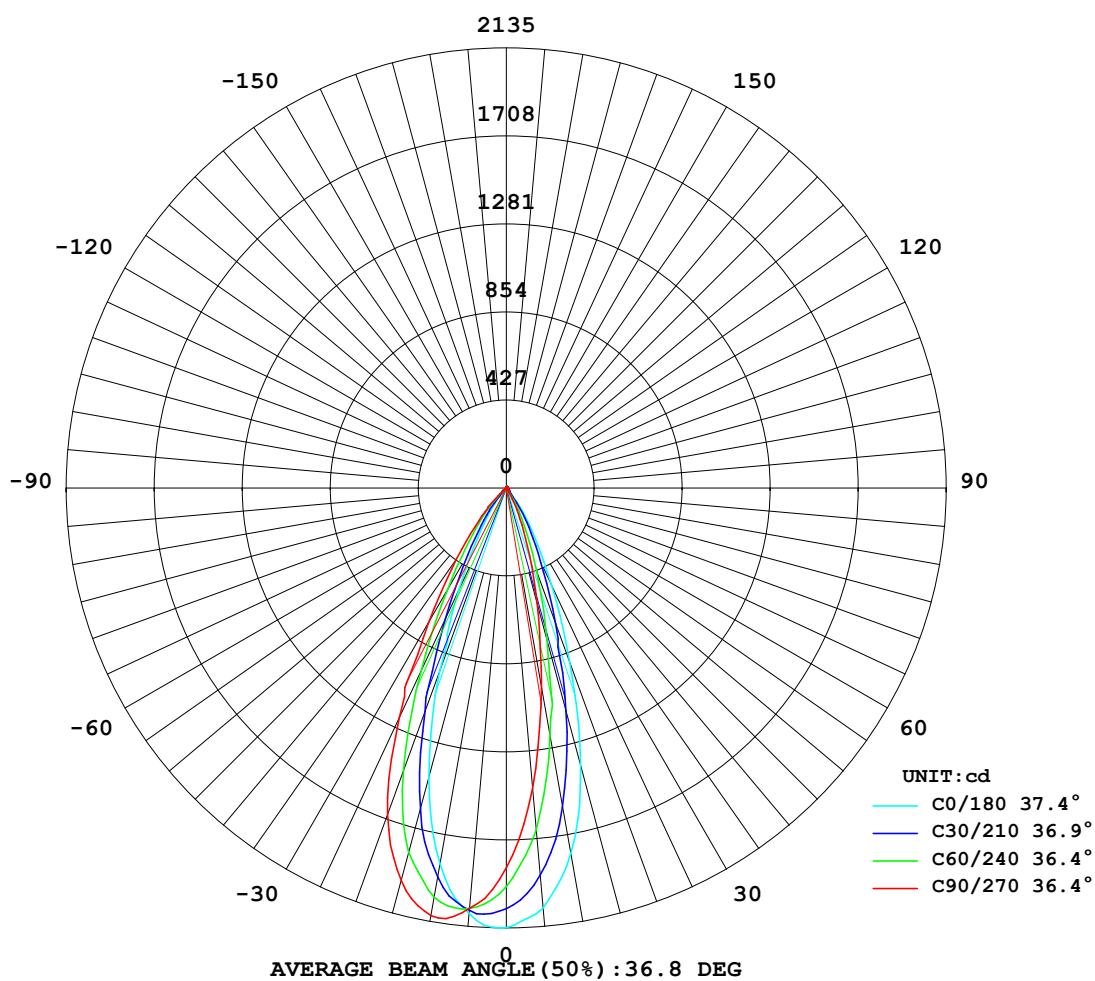
WORKING VOLTAGE: 119.4V

MANUFACTURER:

TOTAL FLUX: 1043.6 lm

Efficiency: 87.192 lm/W

Test: U: 119.4V I: 0.101A P: 11.97W PF: 0.990



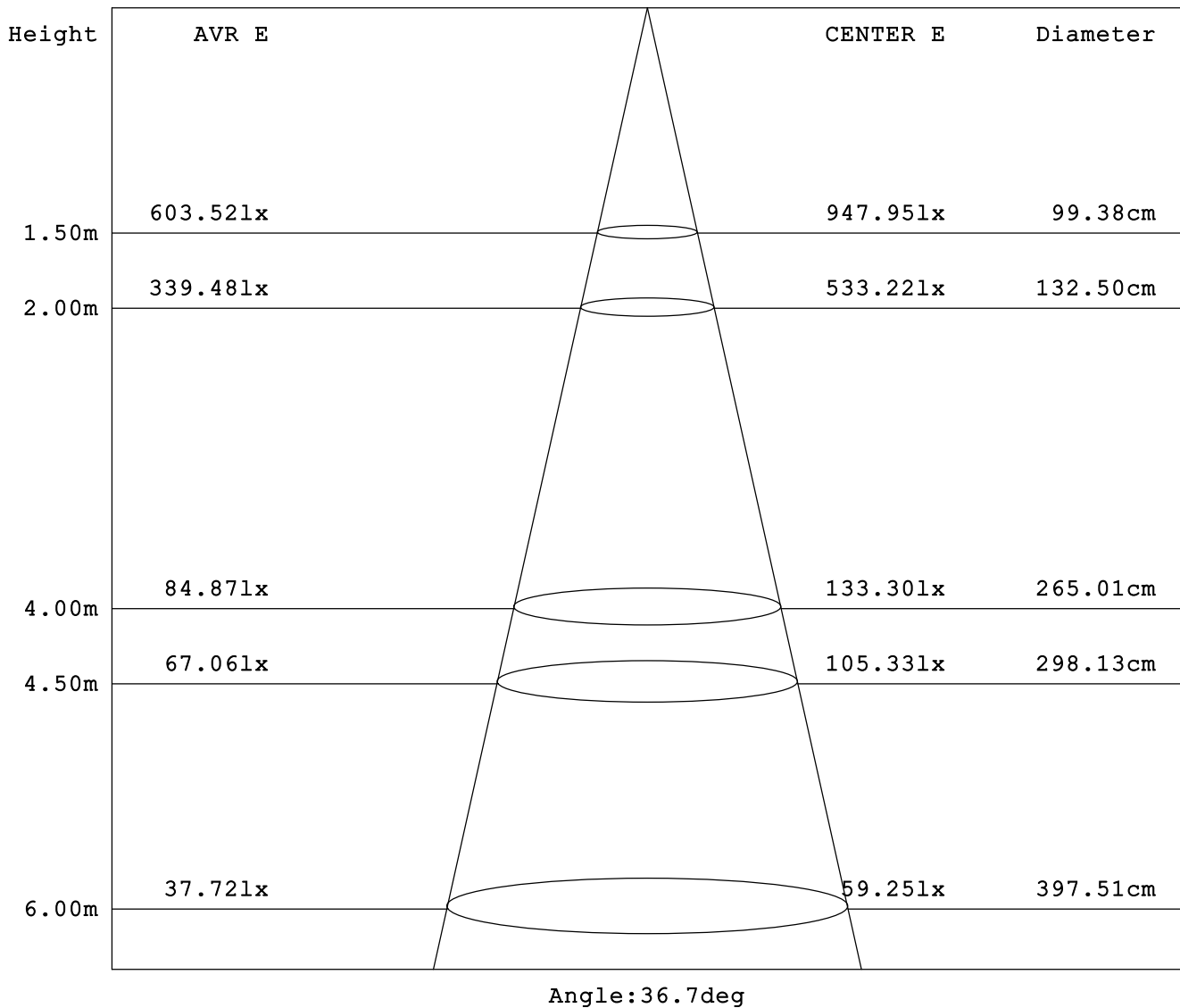
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年10月18日

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:	TYPE:	WEIGHT:
SPECIFICATION: JXL-MZ05-T12W-5CCT-27K	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021年10月18日

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 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION: JXL-MZ05-T12W-5CCT-27K	DIMENSION:	SERIAL No.:

DEG	C0	C45	C90	C135	C180	C225	C270	C315	Zone	One	total
5.0	2073	2052	2046	2038	2048	1777	1463	1312	0- 5	44.78	44.78
10.0	1851	1966	2107	2182	1802	1398	987.0	799.2	5- 10	123.3	168.1
15.0	1457	1721	1971	2102	1394	941.4	578.5	438.5	10- 15	173.8	342.0
20.0	952.9	1306	1685	1887	900.9	567.4	303.9	202.0	15- 20	188.3	530.4
25.0	548.3	839.4	1227	1526	518.4	310.0	139.6	77.08	20- 25	170.8	701.2
30.0	278.3	475.9	755.9	1036	275.6	156.6	51.06	28.09	25- 30	130.8	832.1
35.0	133.2	253.1	422.4	593.9	131.9	58.77	26.07	16.86	30- 35	86.32	918.4
40.0	47.20	116.3	210.0	310.1	31.39	24.10	16.22	10.44	35- 40	50.50	968.9
45.0	25.44	39.24	77.03	137.2	18.44	15.64	10.72	6.840	40- 45	25.98	994.9
50.0	16.04	20.53	24.47	40.43	11.10	10.32	8.110	5.134	45- 50	11.47	1006
55.0	10.33	13.66	14.34	21.86	6.335	7.553	5.848	2.976	50- 55	5.944	1012
60.0	7.971	9.172	8.598	13.05	4.768	4.803	3.794	2.349	55- 60	4.021	1016
65.0	5.360	6.770	5.325	7.988	2.018	2.680	3.272	2.140	60- 65	2.757	1019
70.0	3.759	3.881	3.863	5.865	1.392	2.297	2.993	2.018	65- 70	1.961	1021
75.0	3.306	2.575	1.810	4.020	1.287	2.140	2.784	1.931	70- 75	1.528	1023
80.0	3.028	2.245	1.253	2.558	1.287	2.018	2.645	1.879	75- 80	1.229	1024
85.0	2.819	2.088	1.183	2.210	1.322	1.949	2.506	1.827	80- 85	1.120	1025
90.0	2.680	2.001	1.183	2.071	1.357	1.914	2.436	1.792	85- 90	1.076	1026
95.0	2.541	1.931	1.183	1.984	1.392	1.862	2.332	1.775	90- 95	1.042	1027
100.0	2.436	1.879	1.218	1.897	1.427	1.844	2.262	1.792	95-100	1.011	1028
105.0	2.367	1.827	1.218	1.862	1.462	1.827	2.227	1.810	100-105	0.982	1029
110.0	2.297	1.810	1.253	1.810	1.531	1.844	2.227	1.914	105-110	0.956	1030
115.0	2.262	1.810	1.287	1.792	1.601	1.914	2.297	2.106	110-115	0.941	1031
120.0	2.262	1.827	1.322	1.775	1.740	2.071	2.506	2.436	115-120	0.943	1032
125.0	2.401	1.949	1.427	1.775	1.984	2.332	2.854	2.941	120-125	0.972	1033
130.0	2.680	2.158	1.566	1.844	2.332	2.767	3.376	3.602	125-130	1.032	1034
135.0	3.098	2.506	1.844	1.984	2.854	3.324	4.003	4.316	130-135	1.118	1035
140.0	3.689	3.011	2.262	2.245	3.515	3.985	4.699	5.047	135-140	1.212	1036
145.0	4.351	3.637	2.819	2.697	4.281	4.699	5.360	5.674	140-145	1.289	1038
150.0	5.047	4.333	3.515	3.306	5.012	5.308	5.952	6.161	145-150	1.323	1039
155.0	5.708	4.995	4.246	4.003	5.674	5.813	6.335	6.439	150-155	1.288	1040
160.0	6.230	5.587	4.943	4.734	6.196	6.161	6.579	6.561	155-160	1.176	1041
165.0	6.613	6.022	5.569	5.378	6.579	6.370	6.718	6.631	160-165	0.991	1042
170.0	6.822	6.300	6.056	5.917	6.857	6.492	6.857	6.648	165-170	0.749	1043
175.0	6.962	6.457	6.335	6.283	7.066	6.561	6.857	6.613	170-175	0.467	1044
180.0	7.031	6.544	6.579	6.492	7.136	6.526	6.718	6.457	175-180	0.158	1044
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月18日

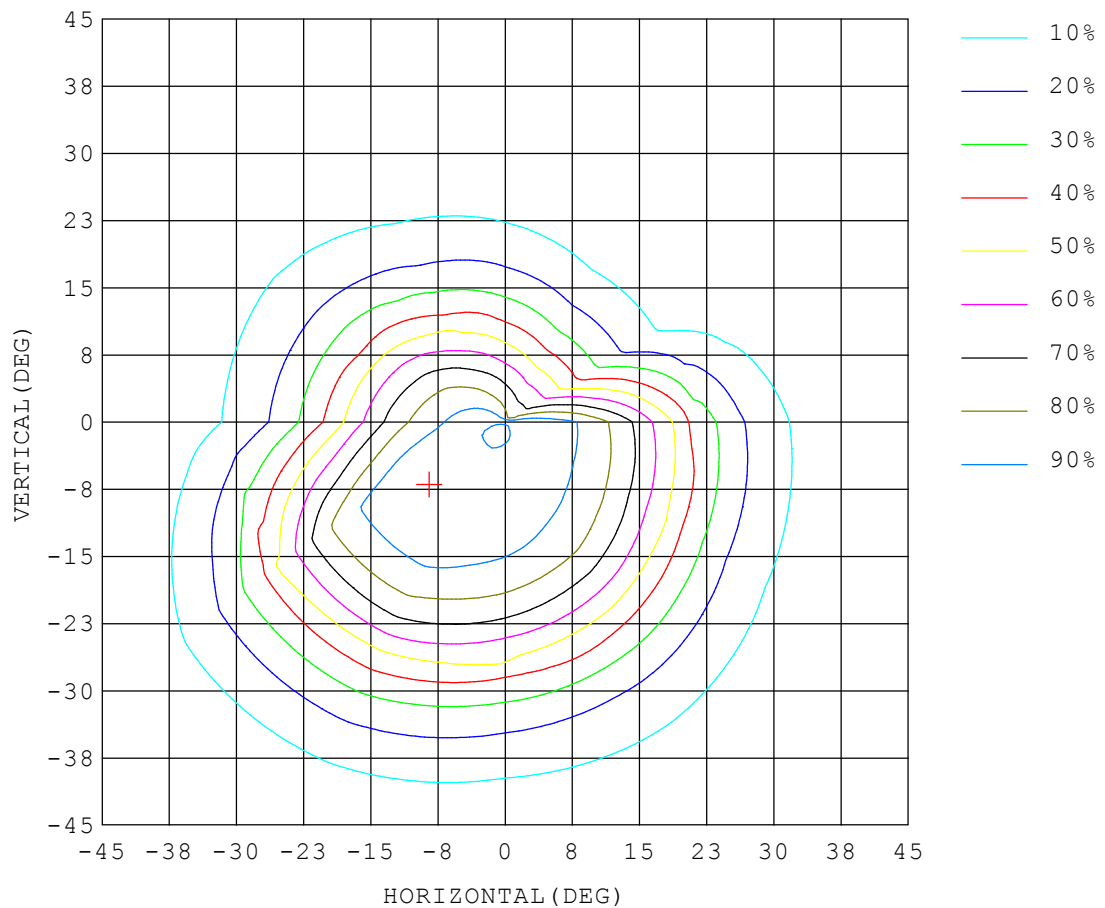
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION: JXL-MZ05-T12W-5CCT-27K	DIMENSION:	SERIAL No.:

UNIT: cd



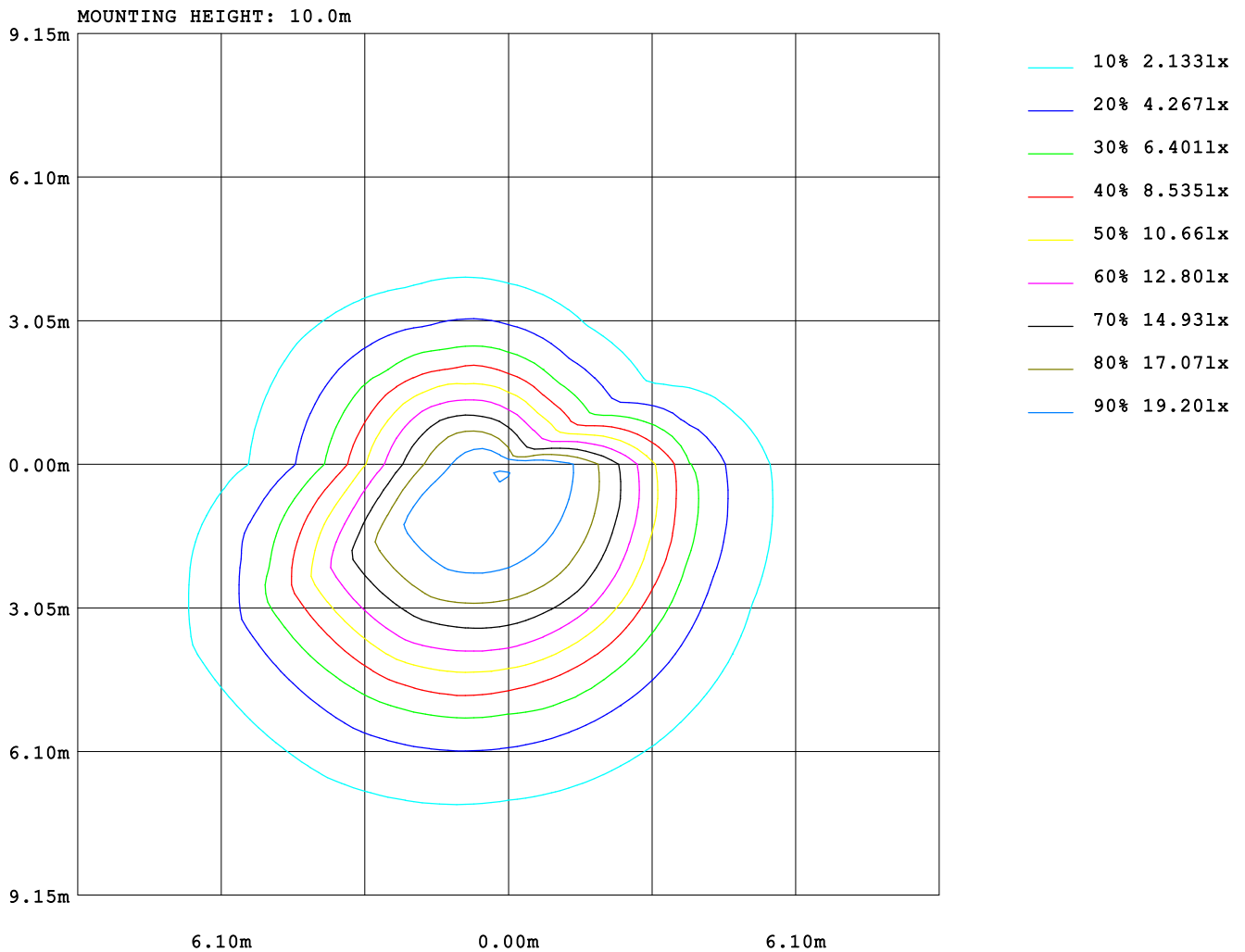
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Temperature: 25.3 DEG
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Test Date: 2021年10月18日

Test Set: 5.0 deg/s C-Gamma (TYPE C)
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Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION: JXL-MZ05-T12W-5CCT-27K	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2021年10月18日

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Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION: JXL-MZ05-T12W-5CCT-27K	DIMENSION:	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		□ t	□ a					
	0.05	0.05	0.06	0.06	0.06	0.07	0.08	0.09	0.10	0.09	0.08	0.06	0.04	0.03	0.03	0.03	0.02	0.02	1.02	1.02						
45	0.06	0.07	0.08	0.09	0.10	0.11	0.13	0.15	0.16	0.15	0.12	0.09	0.06	0.05	0.04	0.04	0.03	0.02	1.53	1.53						
40	0.07	0.09	0.12	0.14	0.17	0.18	0.22	0.27	0.28	0.24	0.19	0.13	0.09	0.07	0.06	0.05	0.04	0.03	2.45	2.45						
35	0.09	0.13	0.16	0.23	0.38	0.50	0.66	0.78	0.73	0.57	0.37	0.21	0.14	0.11	0.09	0.07	0.05	0.05	5.32	5.32						
30	0.10	0.15	0.25	0.53	0.95	1.31	1.57	1.78	1.75	1.44	0.97	0.49	0.27	0.18	0.13	0.09	0.08	0.06	12.1	12.1						
25	0.11	0.18	0.44	1.08	1.74	2.46	3.09	3.49	3.51	2.93	1.99	1.19	0.64	0.30	0.22	0.20	0.12	0.08	23.8	23.8						
20	0.12	0.24	0.75	1.59	2.69	4.12	5.45	6.28	6.30	5.19	3.59	2.25	1.22	0.82	0.65	0.43	0.20	0.11	42.0	42.0						
15	0.13	0.32	1.03	2.07	3.72	5.98	8.51	10.1	10.0	8.12	5.68	4.03	3.24	2.33	1.40	0.76	0.32	0.14	67.9	67.9						
10	0.13	0.40	1.21	2.47	4.62	7.69	11.0	13.4	13.9	11.6	10.5	9.30	6.92	4.20	2.29	1.11	0.45	0.17	102	102						
5	0.23	0.66	1.75	3.54	6.32	9.86	13.3	15.4	15.2	15.5	14.9	12.5	8.96	5.30	2.79	1.32	0.52	0.19	129	129						
0	0.40	1.04	2.51	5.04	8.59	12.4	15.3	16.4	16.1	15.6	14.5	12.2	8.71	5.23	2.74	1.30	0.52	0.18	139	139						
-5	0.50	1.25	2.89	5.76	9.75	13.1	14.8	15.8	15.8	15.1	13.7	11.2	7.76	4.57	2.40	1.17	0.45	0.15	137	137						
-10	0.51	1.27	2.86	5.42	8.50	11.3	13.3	14.2	14.2	13.5	11.9	9.35	6.30	3.69	1.92	0.95	0.32	0.13	120	120						
-15	0.42	1.12	2.38	4.07	6.21	8.57	10.6	11.4	11.4	10.6	9.03	6.89	4.63	2.75	1.48	0.66	0.20	0.11	92.7	92.7						
-20	0.26	0.82	1.61	2.75	4.19	5.76	7.06	7.76	7.78	7.14	5.98	4.53	3.08	1.90	1.04	0.40	0.14	0.09	62.3	62.3						
-25	0.16	0.43	0.97	1.67	2.58	3.56	4.25	4.59	4.54	4.15	3.51	2.70	1.92	1.20	0.60	0.24	0.12	0.08	37.3	37.3						
-30	0.12	0.21	0.45	0.89	1.40	1.92	2.29	2.48	2.44	2.23	1.91	1.51	1.08	0.61	0.29	0.16	0.10	0.06	20.1	20.1						
-35	0.09	0.14	0.21	0.36	0.62	0.87	1.06	1.17	1.17	1.07	0.90	0.66	0.42	0.26	0.17	0.12	0.08	0.05	9.45	9.45						
-40																										
-45																										
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)										10	15	20	25	30	35	40	45
□ t	3.54	8.61	19.7	37.8	62.6	89.8	113	126	126	116	100	79.3	55.5	33.6	18.3	9.10	3.78	1.73	1044							
□ a	3.54	8.61	19.7	37.8	62.6	89.8	113	126	126	116	100	79.3	55.5	33.6	18.3	9.10	3.78	1.73		1044						

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月18日

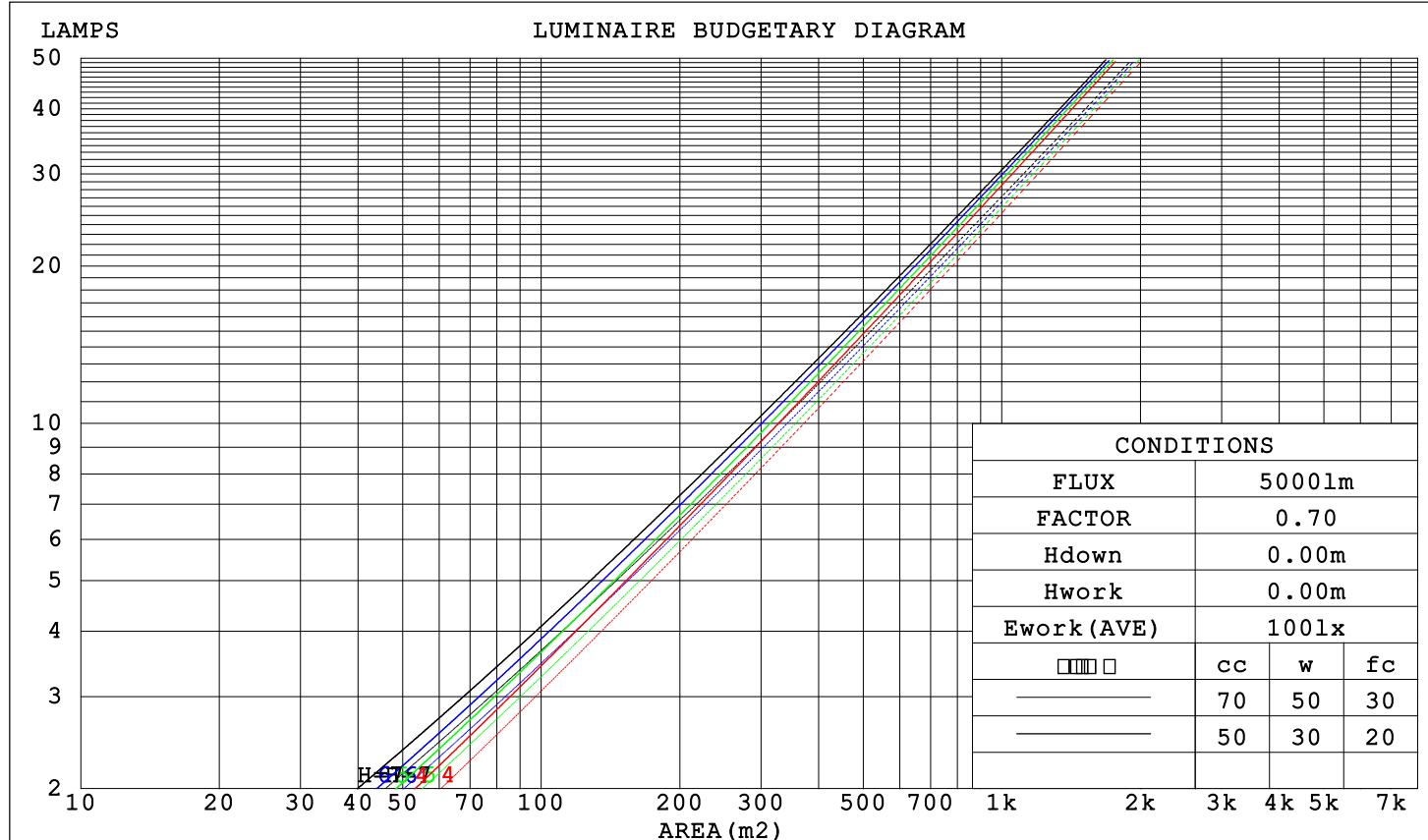
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:5.900 m
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:				Address:			
NAME:				TYPE:			
SPECIFICATION: JXL-MZ05-T12W-5CCT-27K				DIMENSION:			
				SERIAL No.:			

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.11	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	1.00	.99	.98	.96	.95	.95	.93
2.0	1.04	.90	.97	1.02	.98	.96	.98	.96	.93	.95	.93	.91	.92	.90	.89	.87
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.88	.86	.84	.82
4.0	.92	.87	.83	.91	.86	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.78
5.0	.87	.81	.78	.86	.81	.77	.84	.80	.76	.82	.78	.75	.80	.77	.75	.73
6.0	.82	.77	.73	.81	.76	.73	.80	.75	.72	.78	.74	.71	.77	.73	.71	.69
7.0	.78	.73	.69	.77	.72	.69	.76	.71	.68	.75	.71	.68	.73	.70	.67	.66
8.0	.74	.69	.65	.74	.68	.65	.72	.68	.65	.71	.67	.64	.70	.67	.64	.63
9.0	.71	.65	.62	.70	.65	.62	.69	.65	.61	.68	.64	.61	.67	.64	.61	.60
10.0	.68	.62	.59	.67	.62	.59	.66	.62	.58	.65	.61	.58	.65	.61	.58	.57



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月18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:	TYPE:			WEIGHT:		
SPECIFICATION: JXL-MZ05-T12W-5CCT-27K	DIMENSION:			SERIAL No.:		

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.170	.096	.031	.162	.093	.029	.149	.085	.027	.137	.079	.025	.125	.072	.023	
2.0	.160	.088	.027	.154	.085	.026	.143	.079	.025	.132	.074	.023	.122	.069	.022	
3.0	.151	.080	.024	.146	.078	.024	.136	.074	.022	.127	.070	.021	.119	.066	.020	
4.0	.143	.074	.022	.139	.073	.021	.130	.069	.021	.122	.066	.020	.115	.063	.019	
5.0	.136	.069	.020	.132	.068	.020	.125	.065	.019	.118	.062	.018	.111	.060	.018	
6.0	.129	.065	.019	.126	.064	.018	.119	.061	.018	.113	.059	.017	.108	.057	.017	
7.0	.123	.061	.017	.120	.060	.017	.115	.058	.017	.109	.056	.016	.104	.054	.016	
8.0	.118	.058	.016	.115	.057	.016	.110	.055	.016	.105	.053	.015	.101	.052	.015	
9.0	.113	.055	.015	.111	.054	.015	.106	.052	.015	.102	.051	.015	.097	.049	.014	
10.0	.108	.052	.014	.106	.051	.014	.102	.050	.014	.098	.049	.014	.094	.047	.014	

□cc	80%			70%			50%			30%			10%			0
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
□fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.203	.203	.203	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.184	.170	.158	.157	.146	.136	.107	.101	.094	.062	.058	.055	.020	.019	.018	
2.0	.168	.146	.127	.144	.125	.110	.098	.087	.077	.057	.050	.045	.018	.016	.015	
3.0	.155	.127	.104	.133	.109	.090	.091	.076	.063	.053	.044	.037	.017	.014	.012	
4.0	.144	.112	.087	.124	.097	.076	.085	.067	.053	.049	.039	.032	.016	.013	.010	
5.0	.135	.100	.074	.116	.087	.065	.080	.060	.046	.046	.036	.027	.015	.012	.009	
6.0	.127	.091	.065	.109	.079	.056	.075	.055	.040	.044	.032	.024	.014	.011	.008	
7.0	.120	.083	.057	.103	.072	.050	.071	.050	.035	.042	.030	.021	.013	.010	.007	
8.0	.114	.077	.051	.098	.066	.044	.068	.047	.031	.040	.028	.019	.013	.009	.006	
9.0	.109	.071	.046	.094	.062	.040	.065	.044	.028	.038	.026	.017	.012	.008	.006	
10.0	.105	.067	.042	.090	.058	.036	.063	.041	.026	.036	.024	.015	.012	.008	.005	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月18日

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

Uncorrected UGR Table

Report number:

MANUFACTURER:						Address:				
NAME:						TYPE:		WEIGHT:		
SPECIFICATION: JXL-MZ05-T12W-5CCT-27K						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	17.2	18.0	17.4	18.2	18.4	22.4	23.2	22.6	23.4	23.6
3H	17.1	17.9	17.4	18.1	18.3	22.2	23.0	22.5	23.2	23.5
4H	17.1	17.8	17.4	18.1	18.3	22.2	22.9	22.5	23.2	23.4
6H	17.1	17.8	17.5	18.1	18.4	22.1	22.8	22.4	23.1	23.3
8H	17.2	17.9	17.6	18.2	18.5	22.1	22.7	22.4	23.0	23.3
12H	17.4	18.0	17.7	18.3	18.6	22.0	22.7	22.4	23.0	23.3
4H 2H	17.0	17.8	17.3	18.0	18.3	22.1	22.9	22.4	23.1	23.4
3H	17.0	17.6	17.3	17.9	18.2	22.0	22.7	22.4	23.0	23.3
4H	17.0	17.6	17.4	17.9	18.2	22.0	22.6	22.3	22.9	23.2
6H	17.1	17.6	17.5	18.0	18.3	21.9	22.4	22.3	22.8	23.2
8H	17.2	17.7	17.6	18.1	18.5	21.9	22.4	22.3	22.7	23.1
12H	17.5	17.9	17.9	18.3	18.7	21.8	22.3	22.3	22.7	23.1
8H 4H	16.9	17.4	17.3	17.8	18.2	21.8	22.3	22.2	22.7	23.1
6H	17.0	17.4	17.5	17.9	18.3	21.8	22.2	22.3	22.6	23.1
8H	17.2	17.6	17.7	18.0	18.5	21.8	22.2	22.3	22.6	23.1
12H	17.6	17.9	18.1	18.4	18.9	21.8	22.1	22.3	22.6	23.1
12H 4H	16.9	17.3	17.3	17.7	18.2	21.8	22.2	22.2	22.6	23.0
6H	17.1	17.4	17.5	17.9	18.3	21.8	22.1	22.2	22.5	23.0
8H	17.3	17.6	17.8	18.0	18.5	21.8	22.1	22.3	22.5	23.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.0 / - 3.0					+ 3.8 / - 7.0				
1.5H	+ 3.7 / - 2.8					+ 6.1 / - 6.1				
2.0H	+ 1.8 / - 1.0					+ 5.6 / - 2.7				

CIE Pub.117 Corrected 1044 lm Total Lamp Luminous Flux. (8log(F/F0) = 0.1)

Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021年10月18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:	TYPE:	WEIGHT:	
SPECIFICATION: JXL-MZ05-T12W-5CCT-27K	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) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	94	89	85	94	88	85	92	88	84	81
1.00	99	93	90	98	93	89	96	92	89	85
1.25	103	98	94	102	97	94	99	96	93	88
1.50	105	101	97	104	100	97	102	98	95	91
2.00	108	104	101	106	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	107	105	104	96
5.00	115	112	110	112	110	109	108	107	105	97
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

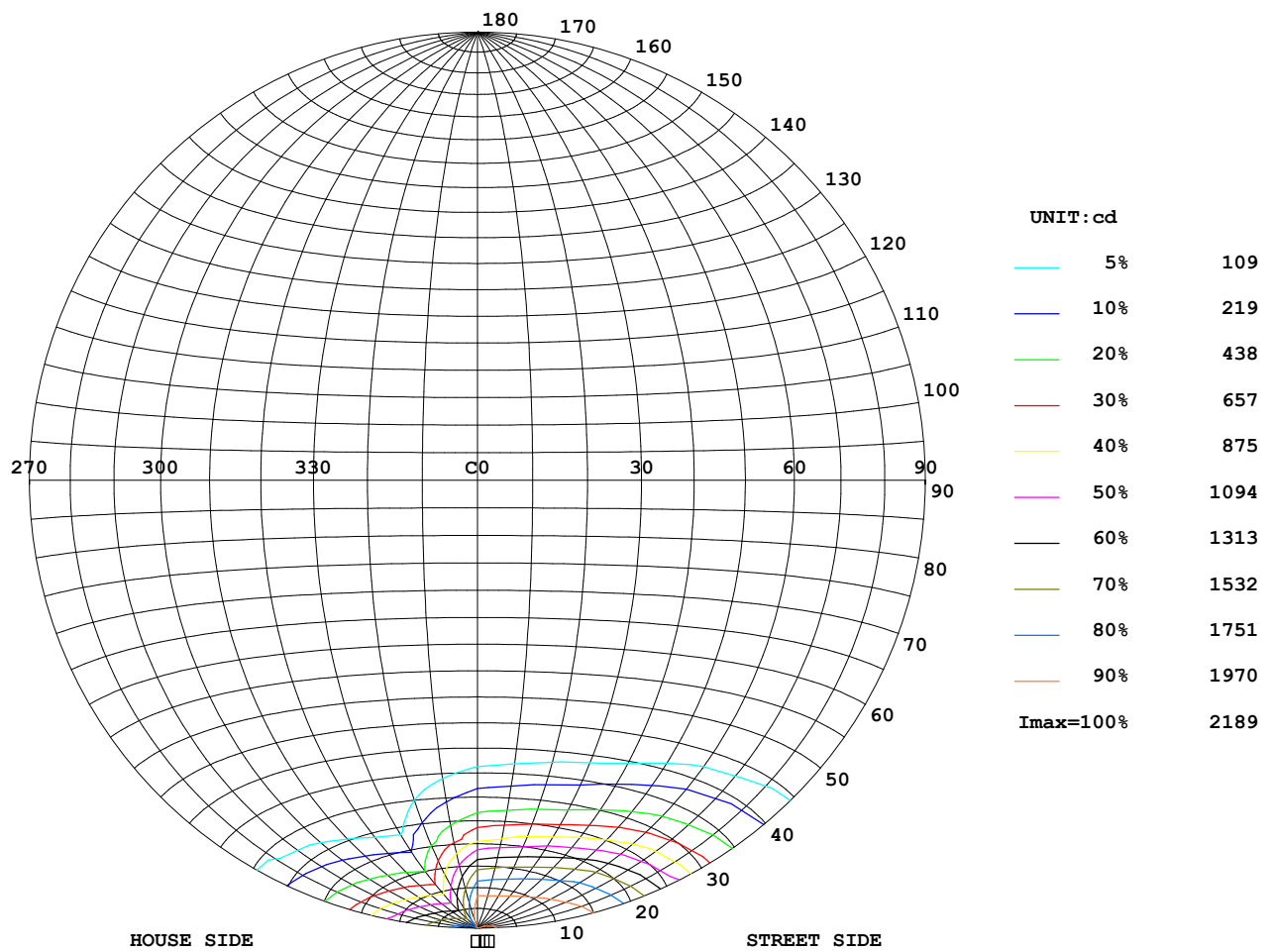
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年10月18日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION: JXL-MZ05-T12W-5CCT-27K	DIMENSION:	SERIAL No.:



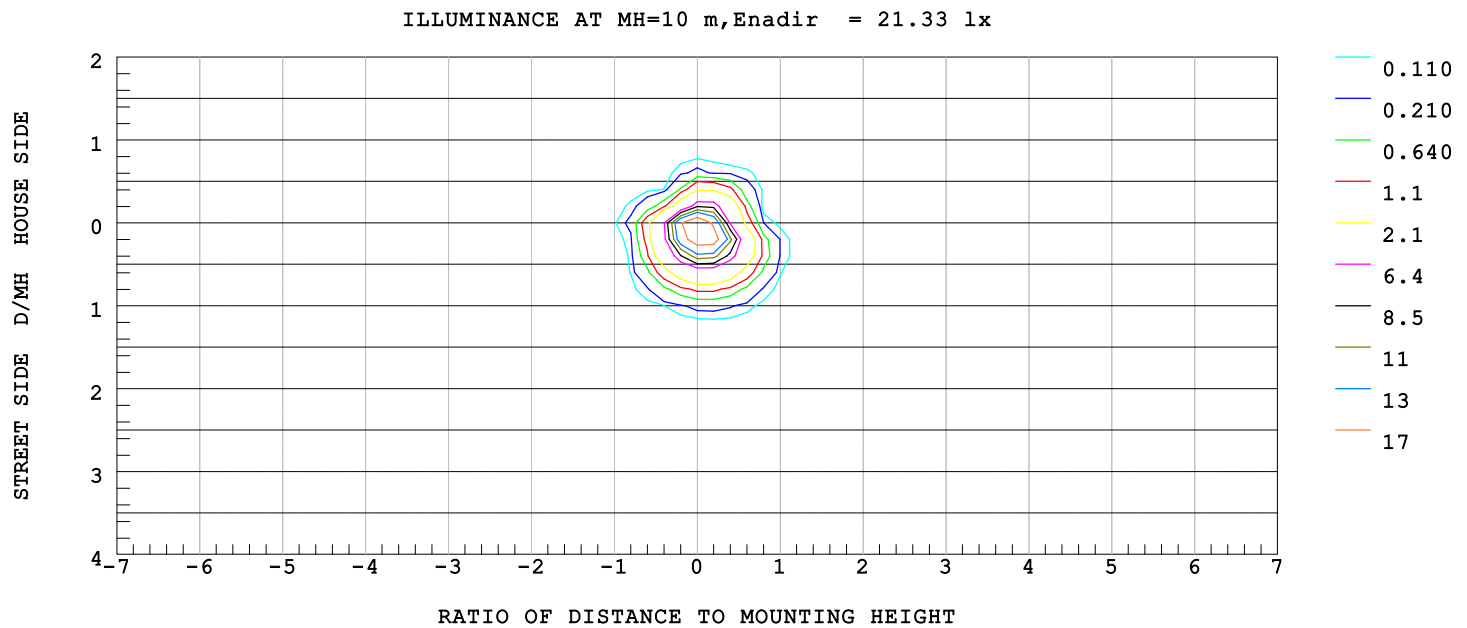
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年10月18日

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:	TYPE:	WEIGHT:
SPECIFICATION: JXL-MZ05-T12W-5CCT-27K	DIMENSION:	SERIAL No.:



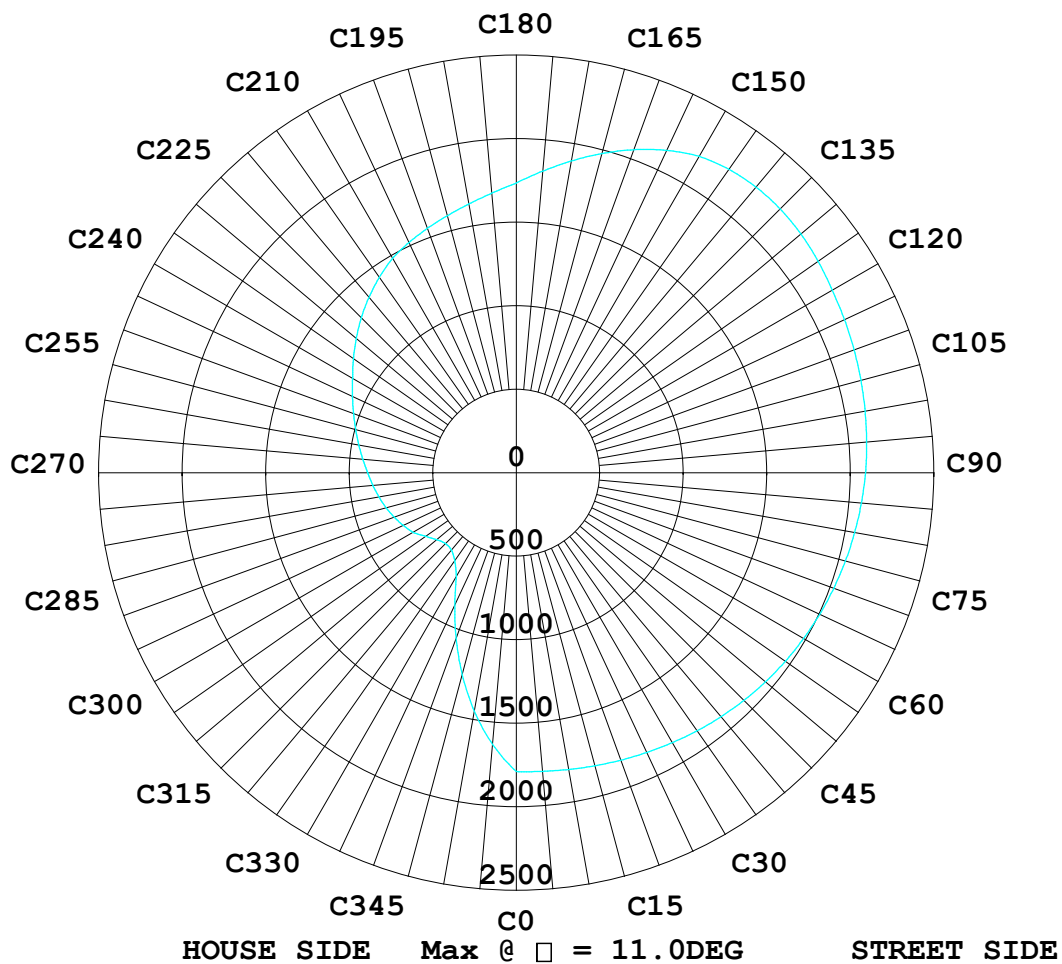
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年10月18日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION: JXL-MZ05-T12W-5CCT-27K	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月18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:	TYPE:	WEIGHT:
SPECIFICATION: JXL-MZ05-T12W-5CCT-27K	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) □ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2133	2041	1933	1842	1758	1767	2133	2041	1933	1842	1758	1767
5.0	2073	2057	2048	2046	2032	2044	2048	1887	1666	1463	1309	1314
10.0	1851	1917	2015	2107	2180	2183	1802	1572	1224	987	802	796
15.0	1457	1612	1831	1971	2100	2104	1394	1118	765	579	437	440
20.0	953	1155	1457	1685	1868	1906	901	702	433	304	199	205
25.0	548	705	974	1227	1507	1545	518	397	223	140	68.0	86.0
30.0	278	374	578	756	975	1097	276	221	91.8	51.0	23.2	32.8
35.0	133	190	316	422	583	605	132	90.9	26.6	26.0	13.3	20.3
40.0	47.2	66.7	166	210	306	314	31.3	31.8	16.3	16.2	8.04	12.8
45.0	25.4	22.2	56.2	77.0	135	139	18.4	21.6	9.64	10.7	5.04	8.63
50.0	16.0	14.6	26.4	24.4	44.7	36.1	11.1	14.6	6.02	8.11	3.58	6.68
55.0	10.3	9.57	17.7	14.3	24.6	19.1	6.33	10.7	4.38	5.84	1.60	4.35
60.0	7.97	6.71	11.6	8.59	15.4	10.6	4.76	7.90	1.70	3.79	1.21	3.48
65.0	5.36	4.66	8.87	5.32	10.0	5.91	2.01	4.14	1.21	3.27	1.14	3.13
70.0	3.75	1.60	6.16	3.86	7.51	4.21	1.39	3.44	1.14	2.99	1.14	2.88
75.0	3.30	1.25	3.89	1.81	5.49	2.54	1.28	3.13	1.14	2.78	1.14	2.71
80.0	3.02	1.18	3.30	1.25	3.75	1.35	1.28	2.88	1.14	2.64	1.18	2.57
85.0	2.81	1.18	2.99	1.18	3.23	1.18	1.32	2.71	1.18	2.50	1.18	2.47
90.0	2.68	1.18	2.81	1.18	2.95	1.18	1.35	2.61	1.21	2.43	1.21	2.36
95.0	2.54	1.21	2.64	1.18	2.78	1.18	1.39	2.47	1.25	2.33	1.25	2.29
100.0	2.43	1.25	2.50	1.21	2.61	1.18	1.42	2.40	1.28	2.26	1.32	2.26
105.0	2.36	1.25	2.40	1.21	2.50	1.21	1.46	2.33	1.32	2.22	1.39	2.22
110.0	2.29	1.28	2.33	1.25	2.36	1.25	1.53	2.26	1.42	2.22	1.53	2.29
115.0	2.26	1.35	2.26	1.28	2.29	1.28	1.60	2.26	1.56	2.29	1.77	2.43
120.0	2.26	1.46	2.19	1.32	2.22	1.32	1.74	2.33	1.81	2.50	2.15	2.71
125.0	2.40	1.67	2.22	1.42	2.19	1.35	1.98	2.50	2.15	2.85	2.68	3.20
130.0	2.68	1.98	2.33	1.56	2.19	1.49	2.33	2.81	2.71	3.37	3.37	3.82
135.0	3.09	2.43	2.57	1.84	2.29	1.67	2.85	3.30	3.34	4.00	4.10	4.52
140.0	3.68	3.02	2.99	2.26	2.50	1.98	3.51	3.89	4.07	4.69	4.87	5.22
145.0	4.35	3.75	3.51	2.81	2.88	2.50	4.28	4.59	4.80	5.36	5.49	5.84
150.0	5.04	4.49	4.17	3.51	3.48	3.13	5.01	5.22	5.39	5.95	6.02	6.30
155.0	5.70	5.15	4.83	4.24	4.14	3.86	5.67	5.77	5.84	6.33	6.30	6.57
160.0	6.23	5.70	5.46	4.94	4.83	4.62	6.19	6.23	6.09	6.57	6.43	6.68
165.0	6.61	6.05	5.98	5.56	5.46	5.29	6.57	6.47	6.26	6.71	6.50	6.75
170.0	6.82	6.26	6.33	6.05	5.98	5.84	6.85	6.61	6.37	6.85	6.50	6.78
175.0	6.96	6.40	6.50	6.33	6.33	6.23	7.06	6.68	6.43	6.85	6.43	6.78
180.0	7.03	6.50	6.57	6.57	6.50	6.47	7.13	6.64	6.40	6.71	6.33	6.57

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