

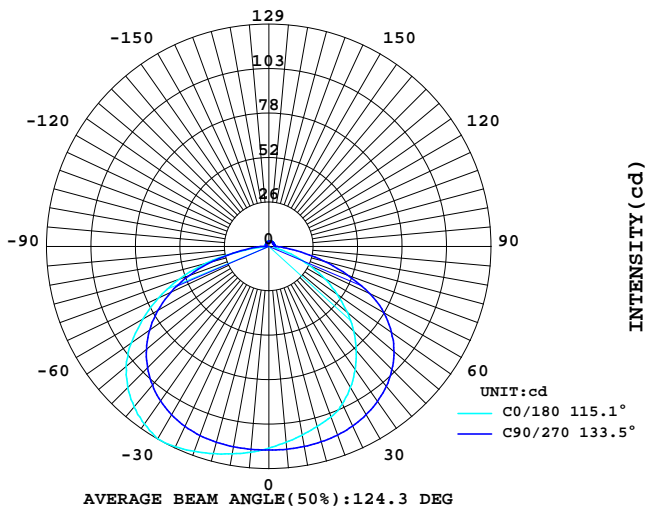
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

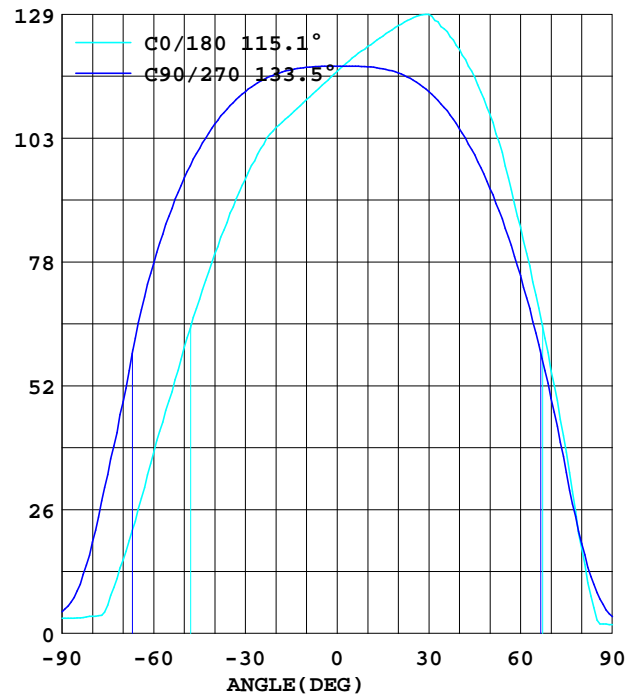
MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203013

DATA OF LAMP		I <sub>max</sub> (cd)	129.1	S/MH(C0/180)	1.21
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.43
NOMINAL POWER(W)	4	TOTAL FLUX(lm)	445.47	Voltage(V)	23.99
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	120.7	Current(A)	0.153
NOMINAL FLUX(lm)	445.5	h up(%)	4.0	Power(W)	3.690
LAMPS QUANTITY	1	h down(%)	96.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	421.9	EEL	0.095

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.800 m  
Remarks:

## Color Temperature Data List

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203013

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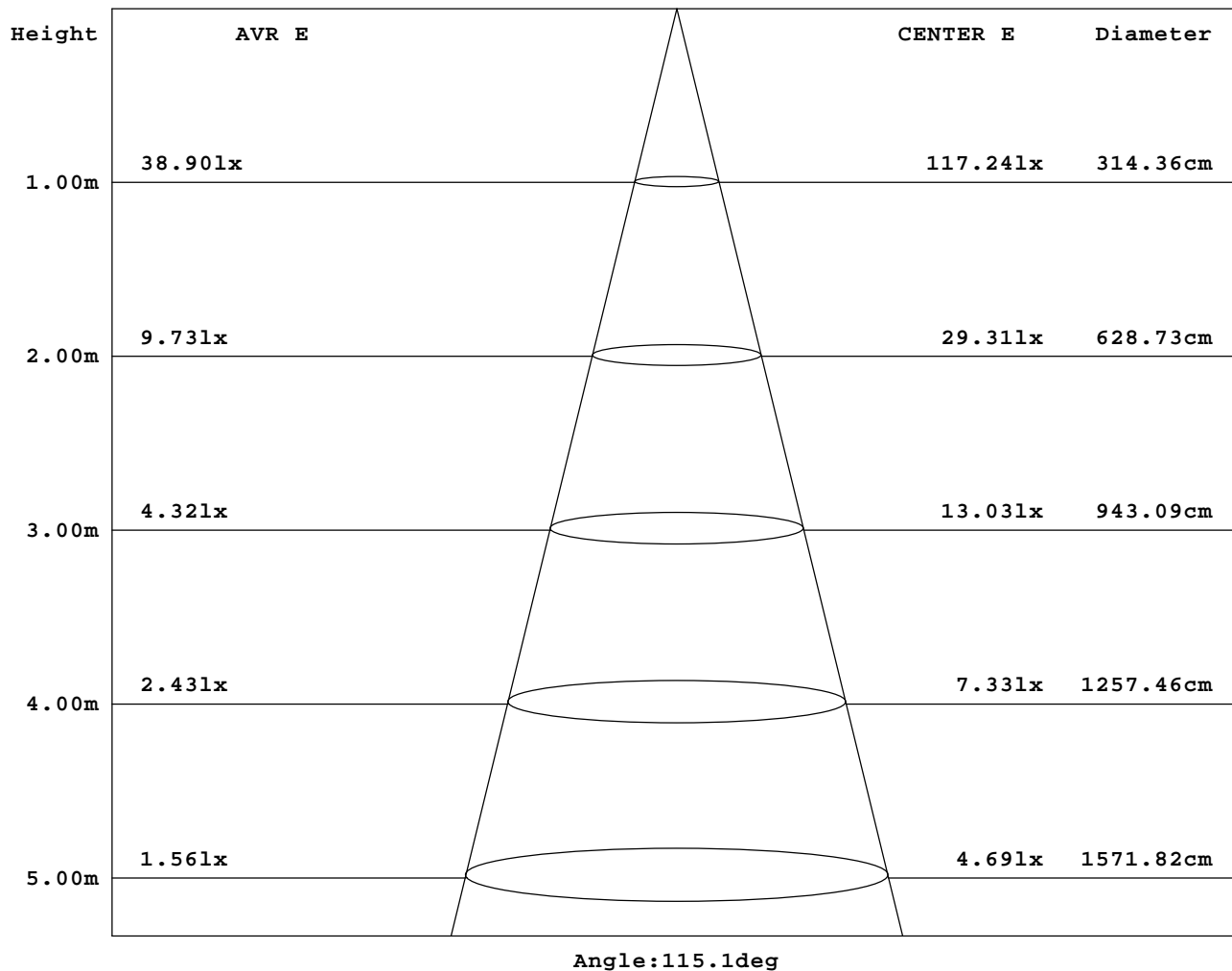
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.800 m  
Remarks:

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203013



Test System: HOPOO HPG1800  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 8.800 m  
 Remarks:

# GONIOPHOTOMETERS SYSTEM TEST REPORT

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203013

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tStal
5.0	114.3	113.6	118.3	121.8	120.0	118.4	118.3	118.4	0- 5	2.820	2.820
10.0	111.3	111.3	118.0	123.1	122.4	120.4	118.1	116.4	5- 10	8.427	11.24
15.0	108.3	108.6	117.5	124.4	124.6	122.4	117.7	114.2	10- 15	13.93	25.18
20.0	105.4	105.7	116.7	125.5	126.7	124.3	116.9	111.9	15- 20	19.28	44.46
25.0	101.1	102.5	115.2	125.9	128.4	126.1	115.3	109.4	20- 25	24.36	68.83
30.0	94.78	98.58	112.9	125.8	129.1	127.9	113.0	106.3	25- 30	29.00	97.83
35.0	87.66	93.93	110.1	124.1	126.1	128.7	109.7	102.6	30- 35	32.99	130.8
40.0	79.14	88.35	106.2	120.9	121.8	128.3	105.2	98.19	35- 40	36.12	166.9
45.0	69.69	81.46	101.1	115.8	116.0	126.3	99.82	92.30	40- 45	38.23	205.1
50.0	59.70	73.25	95.01	108.9	108.3	122.5	92.85	85.33	45- 50	39.14	244.3
55.0	48.47	64.19	87.04	100.2	97.49	116.7	84.48	76.74	50- 55	38.66	283.0
60.0	37.63	53.74	77.05	89.28	84.71	108.8	74.65	66.98	55- 60	36.68	319.6
65.0	25.94	42.51	64.73	76.20	70.62	98.73	62.64	56.53	60- 65	33.19	352.8
70.0	15.33	31.28	48.32	60.94	54.82	85.49	49.01	44.99	65- 70	28.13	381.0
75.0	5.885	18.50	33.14	39.18	37.79	68.45	33.53	33.06	70- 75	21.57	402.5
80.0	3.562	10.84	19.05	18.58	17.73	47.31	18.74	21.76	75- 80	14.23	416.8
85.0	3.252	4.956	8.828	4.723	2.787	23.85	8.518	11.77	80- 85	7.405	424.2
90.0	3.175	2.245	4.491	1.781	1.858	9.525	3.484	5.730	85- 90	3.269	427.4
95.0	3.175	2.013	3.407	1.703	1.936	4.414	2.090	3.717	90- 95	1.795	429.2
100.0	3.175	2.090	3.175	1.781	2.013	3.562	1.936	3.329	95-100	1.456	430.7
105.0	3.175	2.245	3.097	2.013	2.090	3.407	2.013	3.329	100-105	1.420	432.1
110.0	3.175	2.245	3.097	2.013	2.168	3.329	2.090	3.329	105-110	1.401	433.5
115.0	3.175	2.323	3.097	2.013	2.245	3.252	2.245	3.252	110-115	1.367	434.9
120.0	3.175	2.400	3.097	2.090	2.323	3.252	2.323	3.252	115-120	1.324	436.2
125.0	3.252	2.478	3.097	2.168	2.400	3.252	2.400	3.252	120-125	1.278	437.5
130.0	3.252	2.555	3.097	2.245	2.555	3.252	2.478	3.252	125-130	1.221	438.7
135.0	3.252	2.632	3.175	2.323	2.632	3.252	2.555	3.329	130-135	1.152	439.9
140.0	3.329	2.710	3.175	2.478	2.710	3.252	2.632	3.329	135-140	1.084	441.0
145.0	3.329	2.787	3.175	2.478	2.787	3.252	2.710	3.329	140-145	0.991	441.9
150.0	3.329	2.865	3.252	2.555	2.865	3.252	2.787	3.329	145-150	0.884	442.8
155.0	3.329	2.865	3.252	2.632	2.942	3.252	2.865	3.329	150-155	0.770	443.6
160.0	3.329	2.942	3.252	2.710	3.020	3.252	2.865	3.329	155-160	0.646	444.2
165.0	3.329	2.942	3.252	2.787	3.097	3.329	2.942	3.329	160-165	0.512	444.8
170.0	3.329	2.942	3.252	2.865	3.175	3.329	2.942	3.329	165-170	0.372	445.1
175.0	3.329	2.942	3.252	2.865	3.252	3.329	2.942	3.252	170-175	0.225	445.4
180.0	3.252	3.020	3.252	2.942	3.407	3.252	3.020	3.175	175-180	0.075	445.4
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.800 m  
Remarks:

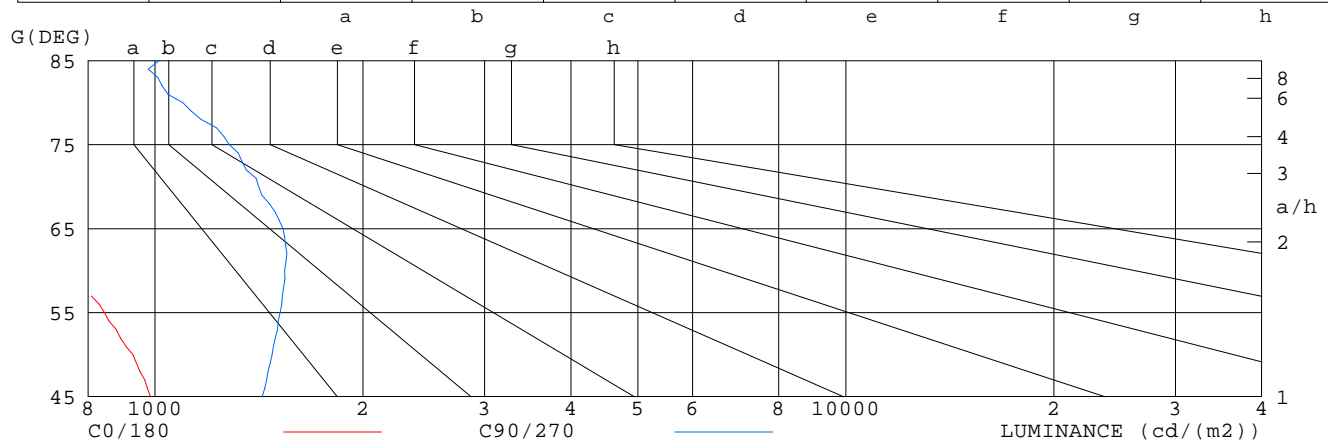
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203013

## LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m²		
G (DEG)	C0/180	C90/270
85	373	1013
80	205	1097
75	227	1281
70	448	1413
65	614	1532
60	753	1541
55	845	1518
50	929	1478
45	986	1430

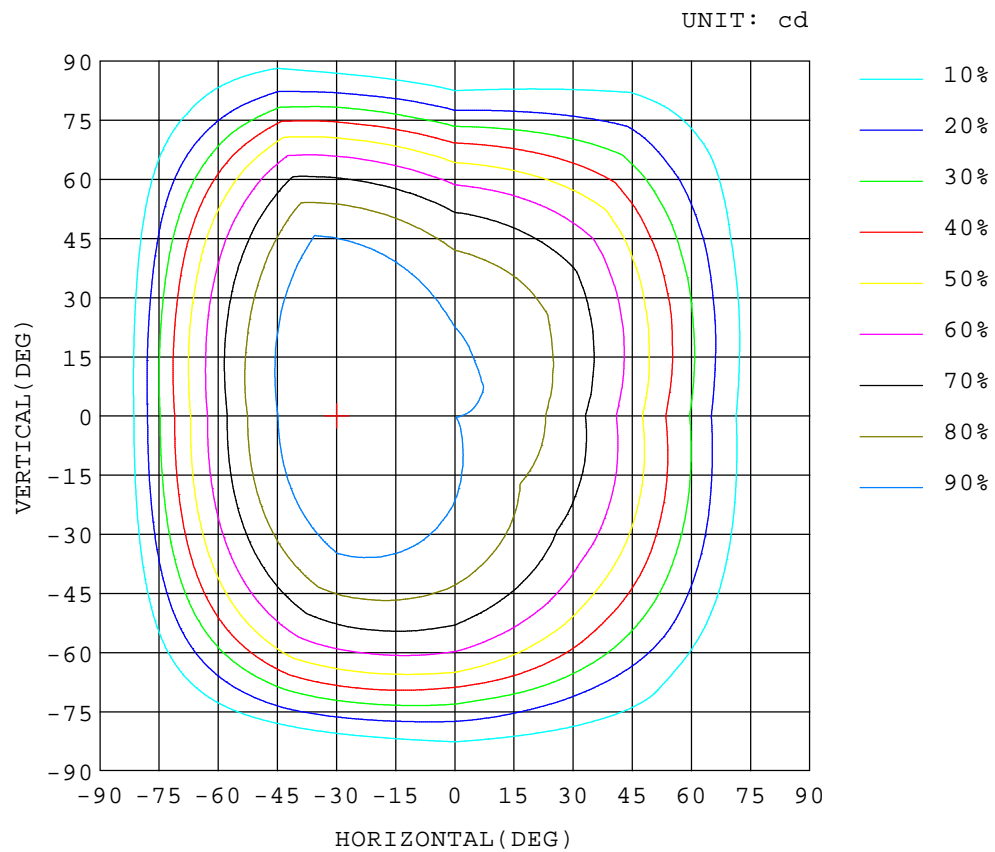
Test System: HOPOO HPG1800  
 Temperature: 25.3 DEG  
 Operators:  
 Test Date: 2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 8.800 m  
 Remarks:

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203013



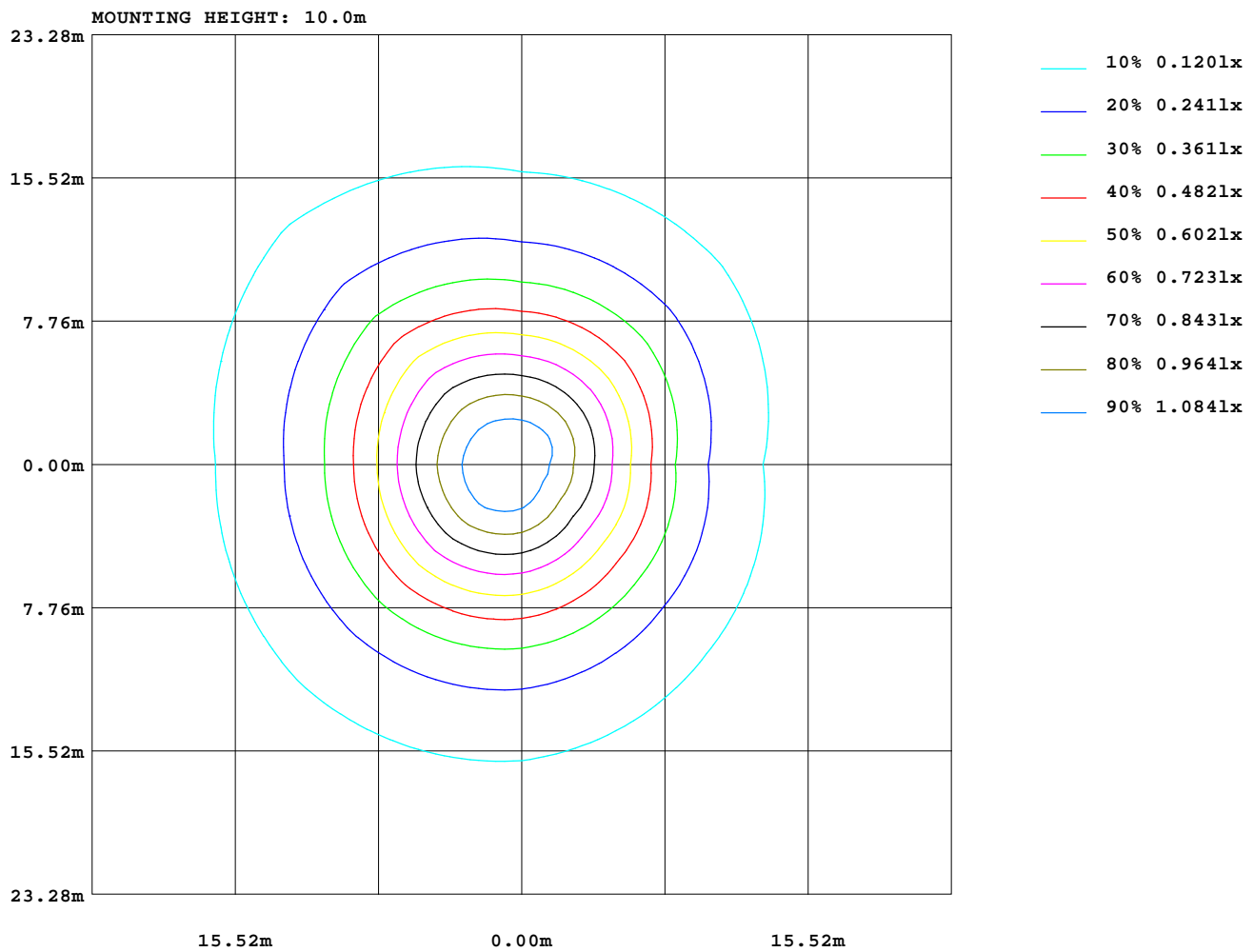
Test System: HOPOO HPG1800  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity: 65.0%  
Test Distance: 8.800 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203013



Test System: HOPOO HPG1800  
Temperature: 25.3DEG  
Operators:  
Test Date: 2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity: 65.0%  
Test Distance: 8.800 m  
Remarks:

# GONIOPHOTOMETERS SYSTEM TEST REPORT

## AREA LUMINOUS FLUX

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203013

VERTICAL(°)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.01	0.05	0.12	0.25	0.41	0.47	0.47	0.42	0.34	0.29	0.30	0.28	0.25	0.21	0.13	0.08	0.04	0.01	4.10	2.32		
90																						
80	0.01	0.07	0.25	0.59	1.02	1.25	1.32	1.28	1.13	1.01	0.94	0.82	0.66	0.48	0.26	0.12	0.04	0.01	11.2	10.9		
70	0.01	0.11	0.44	0.98	1.60	1.99	2.14	2.14	2.01	1.85	1.70	1.45	1.15	0.80	0.42	0.17	0.05	0.01	19.0	18.8		
60	0.01	0.17	0.63	1.27	1.98	2.52	2.73	2.78	2.67	2.51	2.30	1.98	1.58	1.08	0.59	0.23	0.06	0.01	25.1	25.0		
50	0.02	0.23	0.76	1.47	2.22	2.87	3.15	3.22	3.13	2.97	2.74	2.39	1.91	1.30	0.73	0.29	0.07	0.01	29.5	29.4		
40	0.02	0.27	0.86	1.60	2.38	3.05	3.42	3.49	3.42	3.26	3.03	2.66	2.12	1.46	0.83	0.34	0.07	0.01	32.3	32.2		
30	0.02	0.30	0.91	1.68	2.47	3.11	3.52	3.63	3.57	3.43	3.19	2.80	2.22	1.55	0.90	0.37	0.08	0.01	33.8	33.7		
	0.02	0.31	0.94	1.72	2.51	3.13	3.52	3.65	3.62	3.51	3.26	2.84	2.26	1.58	0.91	0.38	0.08	0.01	34.3	34.2		
	0.02	0.31	0.93	1.72	2.50	3.14	3.52	3.64	3.62	3.53	3.23	2.81	2.22	1.54	0.89	0.36	0.07	0.01	34.1	34.0		
	0.02	0.31	0.92	1.69	2.48	3.12	3.52	3.67	3.67	3.44	3.17	2.77	2.18	1.51	0.87	0.35	0.07	0.01	33.8	33.7		
	0.02	0.29	0.89	1.65	2.43	3.06	3.49	3.67	3.64	3.43	3.10	2.70	2.15	1.50	0.86	0.35	0.07	0.01	33.3	33.3		
-30	0.02	0.27	0.84	1.56	2.32	2.96	3.41	3.59	3.56	3.37	3.03	2.58	2.05	1.42	0.81	0.32	0.06	0.01	32.2	32.1		
-40	0.01	0.22	0.75	1.42	2.14	2.78	3.21	3.40	3.40	3.22	2.89	2.42	1.87	1.28	0.72	0.28	0.05	0.01	30.1	30.0		
-50	0.01	0.17	0.62	1.23	1.89	2.49	2.89	3.09	3.12	2.95	2.62	2.16	1.62	1.08	0.59	0.21	0.05	0.01	26.8	26.7		
-60	0.01	0.11	0.45	0.97	1.55	2.06	2.41	2.62	2.67	2.52	2.20	1.77	1.28	0.82	0.42	0.14	0.04	0.01	22.0	21.9		
-70	0.01	0.06	0.26	0.61	1.05	1.46	1.75	1.92	1.96	1.84	1.57	1.22	0.86	0.51	0.25	0.10	0.03	0.01	15.5	15.2		
-80	0.01	0.02	0.09	0.24	0.46	0.69	0.87	0.99	1.02	0.96	0.80	0.61	0.41	0.25	0.14	0.06	0.03	0.01	7.66	6.99		
-90	0.00	0.02	0.03	0.05	0.08	0.14	0.19	0.25	0.29	0.28	0.24	0.19	0.13	0.09	0.06	0.04	0.02	0.01	2.10	0.41		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(°)				20	30	40	50	60	70	80	90		
Φ t	0.25	3.28	10.6	20.7	31.5	40.3	45.6	47.5	46.9	44.4	40.3	34.5	26.9	18.4	10.3	4.19	0.98	0.17	445			
Φ a	0.05	3.00	10.4	20.5	31.3	40.1	45.3	47.2	46.5	44.1	40.0	34.1	26.6	18.1	9.89	3.58	0.16	0.00		422		

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.800 m  
 Remarks:

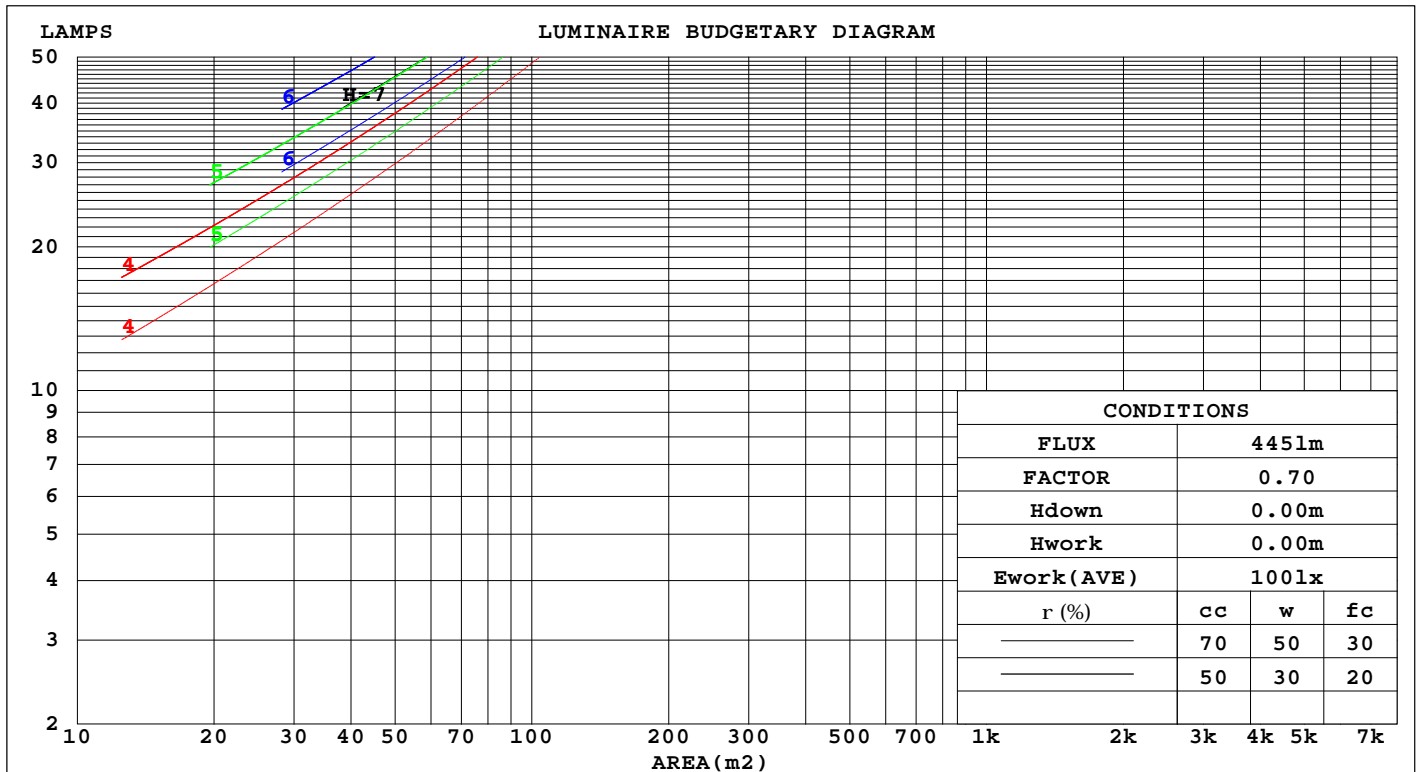


## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203013

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	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	1.03	1.03	1.03	.98	.98	.98	.96
1.0	1.02	.97	.93	.99	.95	.91	.94	.91	.88	.90	.87	.84	.85	.83	.81	.79
2.0	.88	.81	.75	.86	.79	.73	.81	.76	.71	.77	.73	.69	.74	.70	.67	.64
3.0	.76	.68	.61	.75	.67	.60	.71	.64	.59	.68	.62	.57	.64	.60	.55	.53
4.0	.67	.58	.51	.66	.57	.50	.62	.55	.49	.60	.53	.48	.57	.51	.47	.45
5.0	.60	.50	.43	.58	.49	.43	.56	.48	.42	.53	.46	.41	.51	.45	.40	.38
6.0	.53	.44	.37	.52	.43	.37	.50	.42	.36	.48	.41	.36	.46	.40	.35	.33
7.0	.48	.39	.33	.47	.38	.32	.45	.37	.32	.43	.36	.31	.42	.35	.31	.29
8.0	.44	.35	.29	.43	.34	.29	.41	.34	.28	.39	.33	.28	.38	.32	.27	.25
9.0	.40	.31	.26	.39	.31	.26	.38	.30	.25	.36	.30	.25	.35	.29	.24	.23
10.0	.37	.29	.23	.36	.28	.23	.35	.28	.23	.33	.27	.22	.32	.26	.22	.20



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.800 m  
 Remarks:

# GONIOPHOTOMETERS SYSTEM TEST REPORT

## WEC AND CCEC

Report number:

MANUFACTURER:											
Address:											
NAME: 51-RS-5050-24-112-12-X-Y G						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050 112D				CCT(K): 0		DIMENSION: 1M*0.012M			SERIAL No.: 20211203013		

rcc	80%			70%			50%			30%			10%			0	
rw	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	.329	.187	.059	.321	.183	.058	.305	.175	.056	.291	.168	.054	.278	.161	.052		
2.0	.307	.168	.052	.300	.165	.051	.286	.159	.049	.273	.153	.048	.261	.148	.047		
3.0	.283	.150	.045	.276	.148	.044	.263	.143	.043	.252	.138	.042	.241	.134	.041		
4.0	.259	.135	.040	.254	.133	.039	.242	.129	.038	.232	.125	.038	.222	.121	.037		
5.0	.239	.122	.035	.234	.120	.035	.224	.116	.034	.214	.113	.034	.206	.110	.033		
6.0	.221	.111	.032	.216	.109	.031	.207	.106	.031	.199	.103	.030	.191	.100	.030		
7.0	.205	.101	.029	.201	.100	.028	.192	.097	.028	.185	.095	.028	.178	.092	.027		
8.0	.191	.093	.026	.187	.092	.026	.180	.090	.026	.173	.087	.025	.166	.085	.025		
9.0	.178	.086	.024	.175	.085	.024	.168	.083	.024	.162	.081	.023	.156	.079	.023		
10.0	.167	.080	.022	.164	.079	.022	.158	.077	.022	.152	.076	.022	.147	.074	.021		

rcc	80%			70%			50%			30%			10%			0	
rw	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	.221	.221	.221	.189	.189	.189	.129	.129	.129	.074	.074	.074	.024	.024	.024		
1.0	.213	.187	.164	.182	.160	.141	.124	.110	.098	.072	.064	.057	.023	.021	.018		
2.0	.206	.163	.127	.176	.140	.110	.121	.097	.077	.070	.056	.045	.022	.018	.015		
3.0	.198	.146	.104	.170	.126	.090	.117	.087	.063	.067	.051	.037	.022	.017	.012		
4.0	.191	.133	.088	.164	.115	.077	.113	.080	.054	.065	.047	.032	.021	.015	.011		
5.0	.184	.123	.078	.158	.106	.067	.109	.074	.048	.063	.043	.028	.020	.014	.009		
6.0	.176	.114	.070	.152	.099	.061	.105	.069	.043	.061	.041	.026	.020	.013	.008		
7.0	.169	.108	.064	.146	.093	.056	.101	.065	.040	.059	.039	.024	.019	.013	.008		
8.0	.163	.102	.060	.140	.088	.052	.097	.062	.037	.056	.037	.022	.018	.012	.007		
9.0	.157	.097	.057	.135	.084	.049	.094	.059	.035	.054	.035	.021	.018	.011	.007		
10.0	.151	.093	.054	.130	.080	.047	.090	.057	.033	.053	.033	.020	.017	.011	.007		

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.800 m  
 Remarks:

# GONIOPHOTOMETERS SYSTEM TEST REPORT

## UGR Table

Report number:

MANUFACTURER:											
Address:											
NAME: 51-RS-5050-24-112-12-X-Y G						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050 112D			CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211203013		
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	11.2	12.8	11.6	13.0	13.3	13.7	15.2	14.0	15.5	15.8
	3H	12.0	13.4	12.4	13.7	14.0	15.5	16.9	15.8	17.2	17.5
	4H	12.1	13.4	12.5	13.8	14.1	16.1	17.4	16.5	17.8	18.1
	6H	12.1	13.3	12.5	13.7	14.0	16.5	17.8	16.9	18.1	18.5
	8H	12.1	13.3	12.5	13.6	14.0	16.7	17.9	17.1	18.2	18.6
	12H	12.1	13.2	12.5	13.6	14.0	16.7	17.9	17.2	18.3	18.7
4H	2H	12.1	13.4	12.4	13.7	14.1	14.0	15.4	14.4	15.7	16.0
	3H	13.0	14.2	13.4	14.6	15.0	15.9	17.1	16.3	17.5	17.8
	4H	13.2	14.3	13.6	14.7	15.1	16.7	17.7	17.1	18.1	18.5
	6H	13.3	14.2	13.7	14.6	15.1	17.2	18.2	17.7	18.6	19.0
	8H	13.3	14.2	13.8	14.6	15.1	17.4	18.3	17.9	18.7	19.2
	12H	13.3	14.1	13.8	14.6	15.1	17.5	18.4	18.0	18.8	19.3
8H	4H	13.6	14.5	14.0	14.9	15.4	16.7	17.6	17.2	18.0	18.5
	6H	13.8	14.5	14.3	15.0	15.5	17.4	18.1	17.9	18.6	19.1
	8H	13.9	14.5	14.4	15.0	15.5	17.6	18.3	18.1	18.8	19.3
	12H	14.0	14.5	14.5	15.0	15.6	17.8	18.4	18.4	18.9	19.5
12H	4H	13.6	14.4	14.1	14.9	15.4	16.7	17.5	17.1	17.9	18.4
	6H	13.9	14.5	14.4	15.0	15.6	17.4	18.0	17.9	18.5	19.0
	8H	14.0	14.6	14.5	15.1	15.6	17.6	18.2	18.2	18.7	19.3
Variations with the observer position at spacings:											
S = 1.0H	+ 0.3 / - 0.4					+ 0.1 / - 0.1					
1.5H	+ 0.4 / - 0.6					+ 0.2 / - 0.2					
2.0H	+ 0.3 / - 0.8					+ 0.3 / - 0.6					

CIE Pub.117 Corrected 445.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.8)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.800 m  
 Remarks:

## UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203013

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) $k(RI) \times RCR = 5$									
$k = 0.60$	53	41	34	52	41	34	51	40	33	27
0.80	63	51	43	62	50	43	60	49	42	35
1.00	72	60	52	70	59	52	68	60	51	43
1.25	79	68	60	77	67	60	74	65	59	50
1.50	84	74	66	82	73	65	79	70	64	56
2.00	92	82	75	90	81	74	85	78	73	64
2.50	96	88	81	94	86	80	89	83	78	68
3.00	100	92	86	97	90	85	92	87	82	72
4.00	104	98	93	101	96	91	96	92	88	77
5.00	107	101	97	104	99	95	99	95	91	81
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

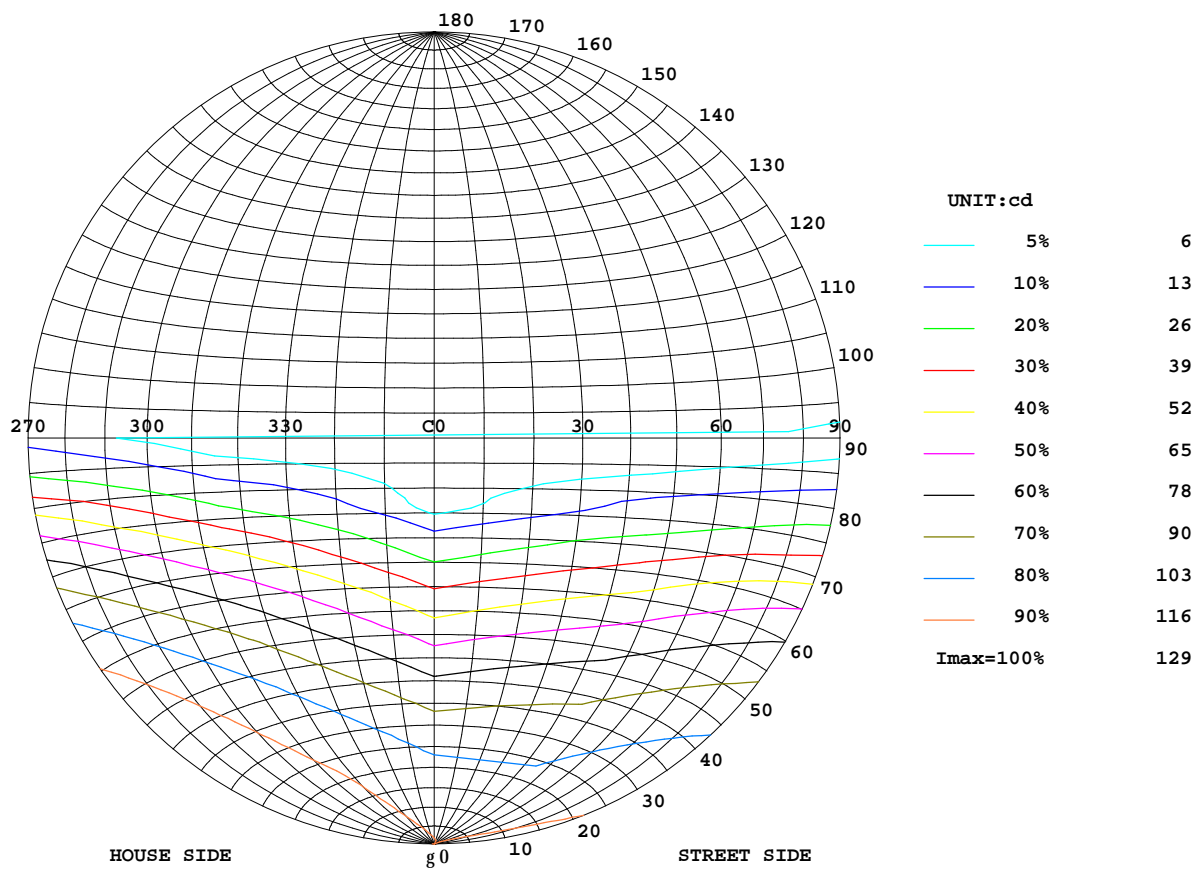
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.800 m  
 Remarks:

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203013



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年12月03日

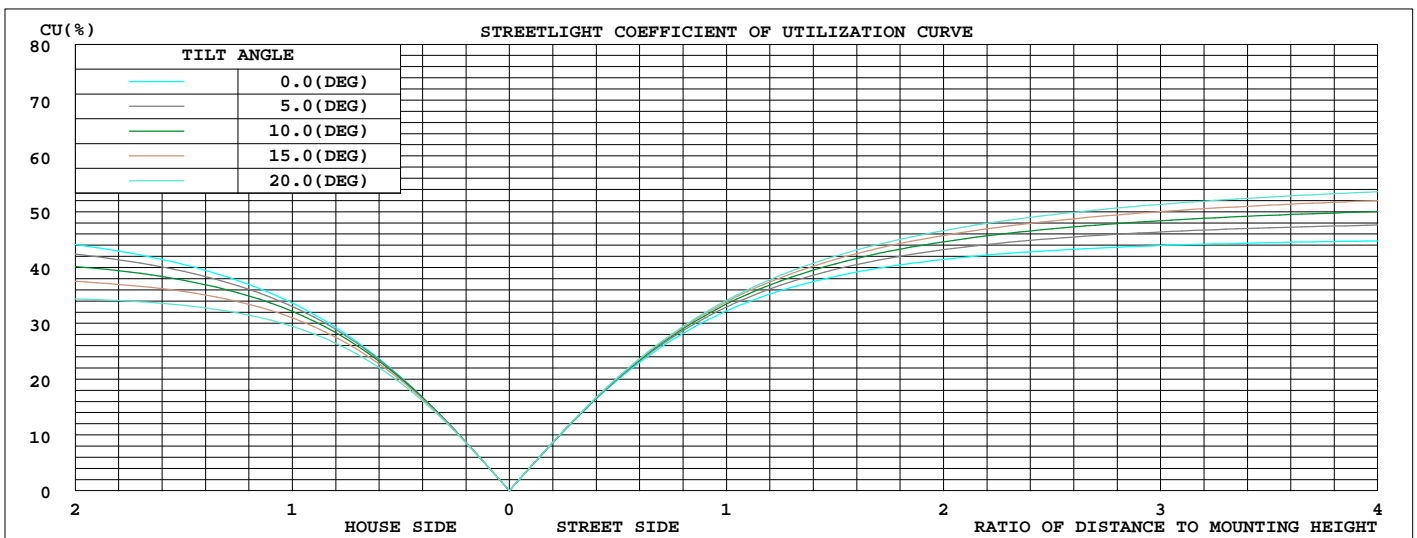
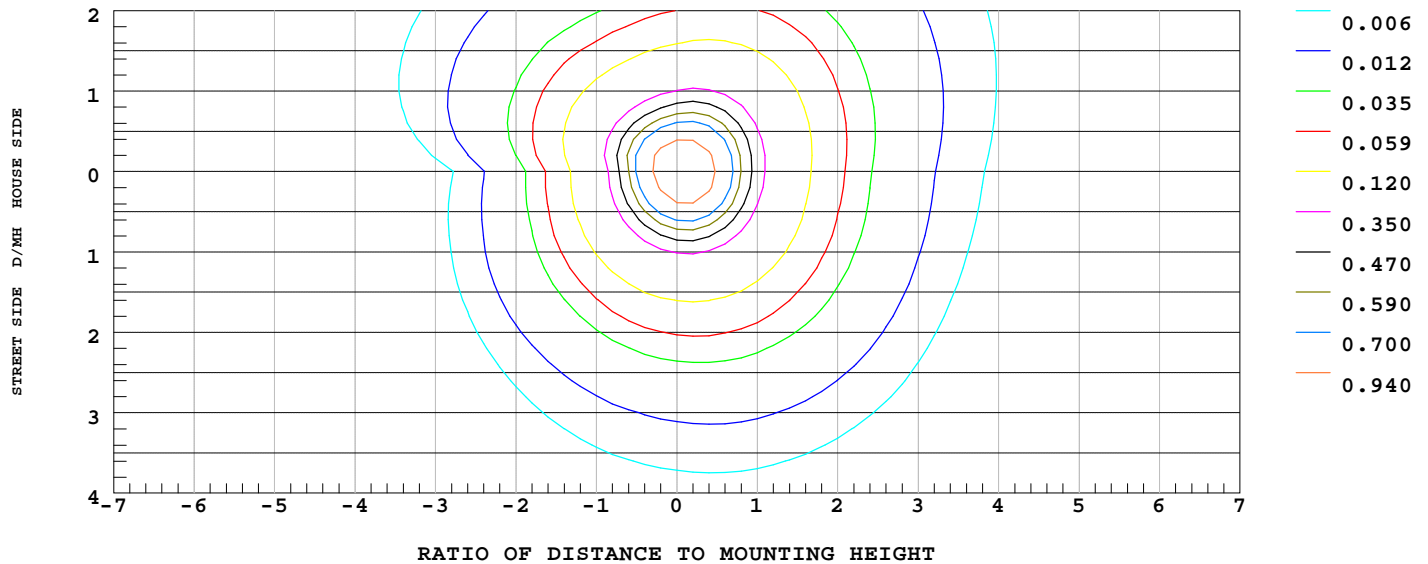
Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:8.800 m  
Remarks:

## ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203013

ILLUMINANCE AT MH=10 m, Enadir = 1.17 lx



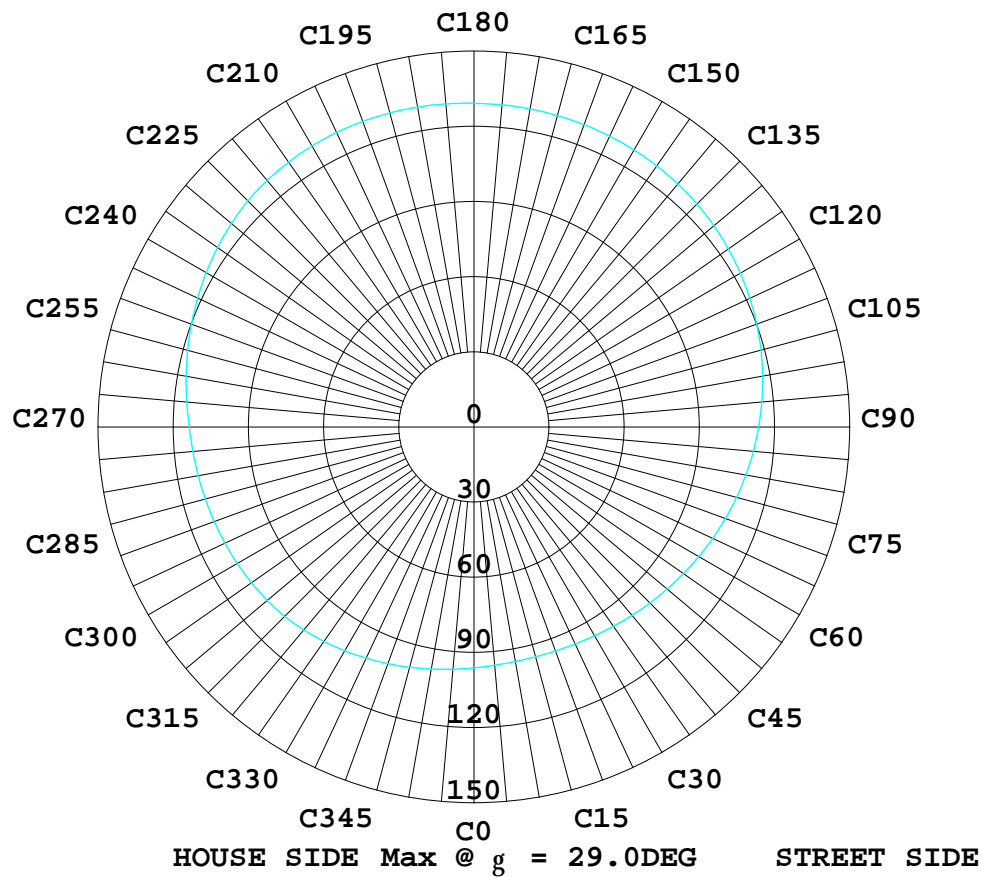
Test System: HOPOO HPG1800  
Temperature: 25.3 DEG  
Operators:  
Test Date: 2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity: 65.0%  
Test Distance: 8.800 m  
Remarks:

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203013



Test System: HOPOO HPG1800  
Temperature: 25.3DEG  
Operators:  
Test Date: 2021年12月03日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity: 65.0%  
Test Distance: 8.800 m  
Remarks: