

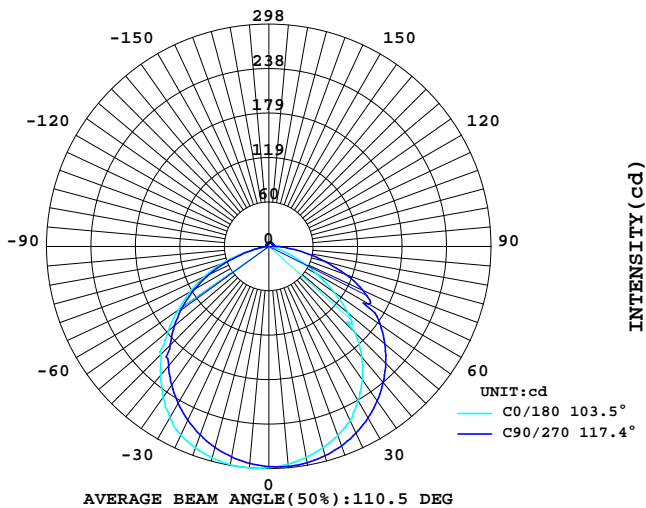
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

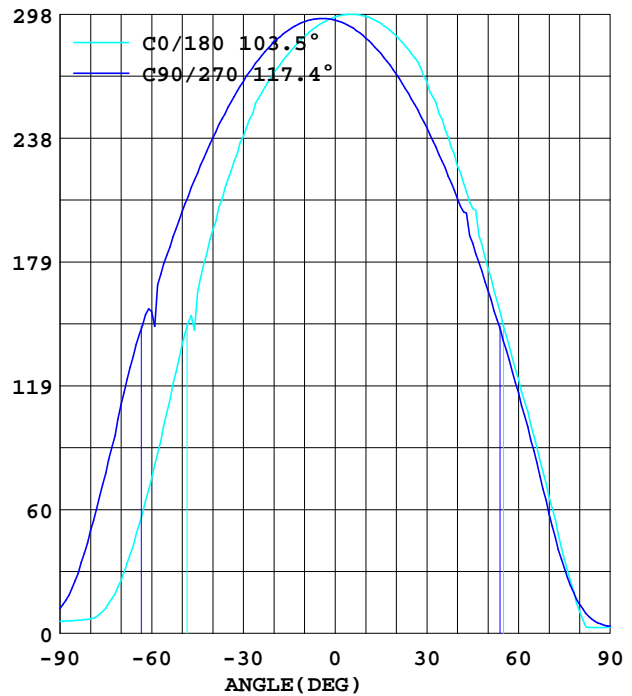
MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y 2700K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 2700	DIMENSION: 1M*0.012M	SERIAL No.: 20211203010

DATA OF LAMP		Imax(cd)	298.0	S/MH(C0/180)	1.21
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.34
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	867.20	Voltage(V)	23.99
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	95.9	Current(A)	0.376
NOMINAL FLUX(lm)	867.2	h up(%)	3.7	Power(W)	9.040
LAMPS QUANTITY	1	h down(%)	96.3	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	818.5	EEL	0.138

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 2700K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 2700	DIMENSION: 1M*0.012M	SERIAL No.: 20211203010

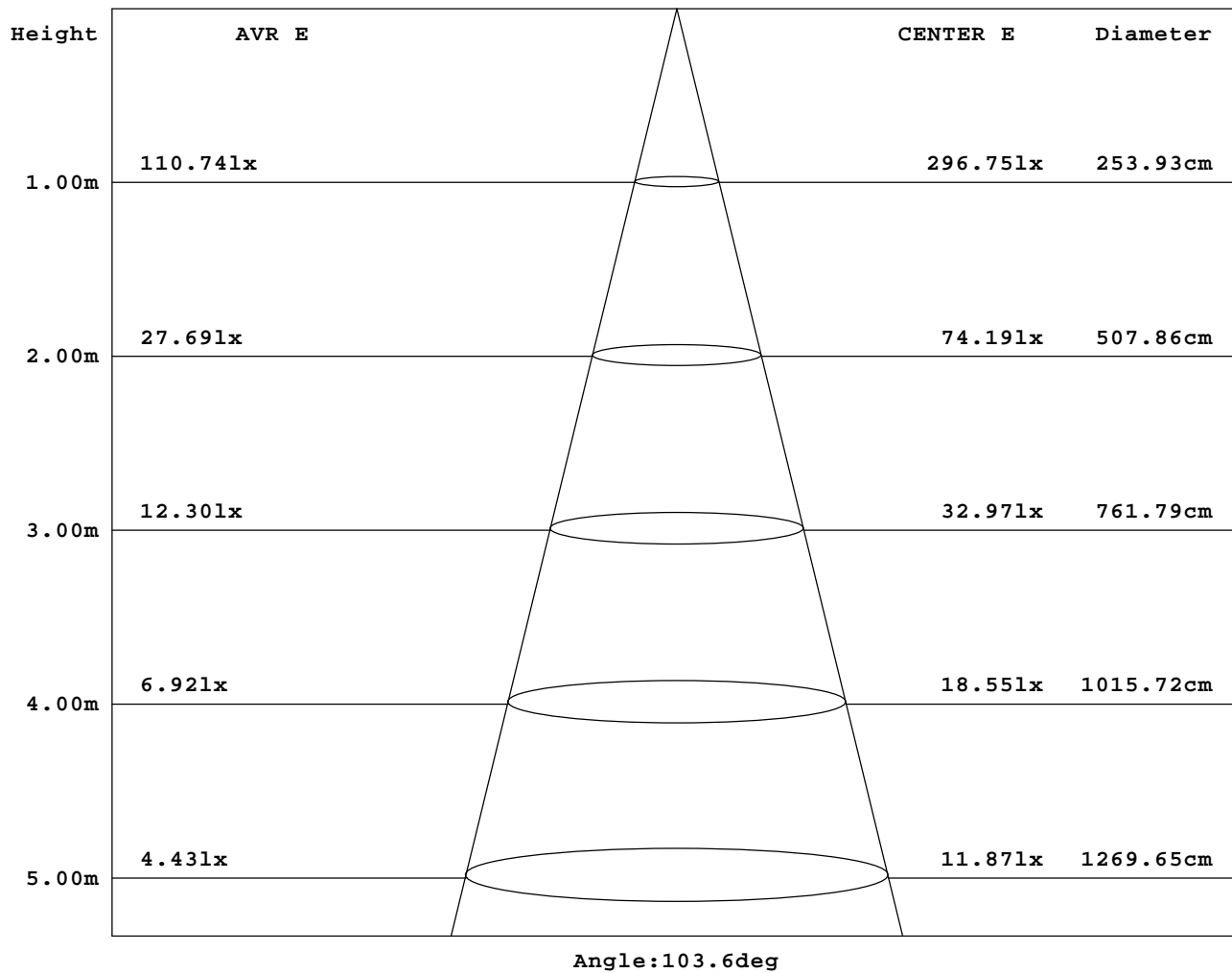
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年12月03日

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 2700K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 2700	DIMENSION: 1M*0.012M	SERIAL No.: 20211203010



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 2700K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 2700	DIMENSION: 1M*0.012M	SERIAL No.: 20211203010

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tStal
5.0	293.2	292.6	295.9	297.8	298.0	296.0	292.1	292.0	0- 5	7.060	7.060
10.0	287.3	287.6	294.5	297.2	297.0	294.1	286.6	285.9	5- 10	20.96	28.02
15.0	279.4	280.4	290.6	294.2	293.6	290.1	279.1	277.6	10- 15	34.22	62.25
20.0	269.8	270.9	284.8	288.9	287.5	283.8	269.1	267.7	15- 20	46.43	108.6
25.0	257.7	259.7	276.3	281.4	279.0	274.9	257.1	255.2	20- 25	57.21	165.9
30.0	239.1	246.1	265.6	270.0	265.8	263.6	243.5	240.7	25- 30	66.09	232.0
35.0	218.6	230.3	253.3	258.4	247.5	250.3	227.2	224.6	30- 35	72.61	304.6
40.0	193.9	212.9	238.4	244.0	224.9	234.3	209.2	205.2	35- 40	76.62	381.2
45.0	164.3	190.1	221.5	226.9	204.5	216.2	187.6	182.9	40- 45	77.93	459.1
50.0	139.3	165.7	203.2	207.9	176.0	196.9	165.1	152.6	45- 50	75.53	534.7
55.0	106.4	139.2	182.2	185.1	148.1	175.1	140.8	134.5	50- 55	71.47	606.1
60.0	74.41	109.5	155.0	162.0	122.2	154.8	115.7	103.6	55- 60	63.41	669.6
65.0	47.85	79.06	139.1	138.0	95.01	132.9	87.81	73.02	60- 65	54.57	724.1
70.0	25.71	51.18	110.3	114.6	65.74	108.4	57.53	44.29	65- 70	43.29	767.4
75.0	12.15	27.33	77.13	87.73	35.62	82.24	31.44	23.30	70- 75	31.02	798.4
80.0	6.969	11.46	49.40	58.93	10.45	52.89	13.93	12.08	75- 80	19.56	818.0
85.0	6.272	5.730	25.32	35.77	2.865	28.80	5.808	8.363	80- 85	11.12	829.1
90.0	5.808	3.794	11.92	11.38	2.942	12.85	3.484	7.201	85- 90	5.840	835.0
95.0	5.653	3.175	7.434	2.865	3.097	7.201	3.175	6.427	90- 95	3.203	838.2
100.0	5.575	3.175	6.195	2.865	3.329	6.427	3.329	6.117	95-100	2.560	840.7
105.0	5.575	3.484	5.885	3.097	3.484	6.195	3.562	6.040	100-105	2.483	843.2
110.0	5.575	3.562	5.730	3.097	3.717	6.040	3.717	5.962	105-110	2.442	845.7
115.0	5.653	3.717	5.653	3.252	3.949	5.962	3.949	5.962	110-115	2.387	848.1
120.0	5.653	3.872	5.653	3.484	4.104	5.962	4.104	5.962	115-120	2.335	850.4
125.0	5.730	4.104	5.653	3.639	4.336	5.962	4.259	6.040	120-125	2.268	852.7
130.0	5.808	4.336	5.730	3.872	4.491	5.962	4.491	6.040	125-130	2.185	854.8
135.0	5.885	4.491	5.730	4.026	4.723	5.962	4.646	6.117	130-135	2.081	856.9
140.0	5.962	4.723	5.808	4.259	4.878	6.040	4.878	6.195	135-140	1.950	858.9
145.0	6.040	4.878	5.885	4.491	5.111	6.117	5.033	6.195	140-145	1.802	860.7
150.0	6.117	5.033	5.962	4.646	5.343	6.117	5.111	6.272	145-150	1.626	862.3
155.0	6.195	5.188	6.040	4.878	5.498	6.195	5.265	6.272	150-155	1.426	863.7
160.0	6.195	5.265	6.117	5.033	5.653	6.272	5.343	6.272	155-160	1.202	864.9
165.0	6.272	5.420	6.195	5.188	5.885	6.272	5.498	6.272	160-165	0.960	865.9
170.0	6.272	5.498	6.272	5.343	6.040	6.272	5.498	6.272	165-170	0.699	866.6
175.0	6.272	5.498	6.272	5.420	6.117	6.272	5.575	6.195	170-175	0.425	867.0
180.0	6.195	5.653	6.195	5.575	6.427	6.195	5.653	6.040	175-180	0.143	867.2
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:

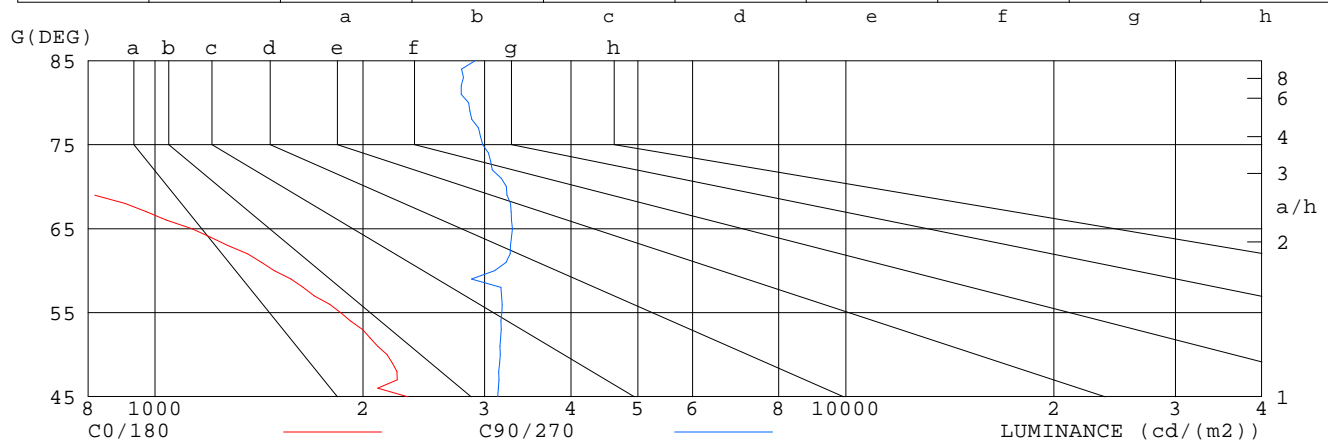
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y 2700K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 2700	DIMENSION: 1M*0.012M	SERIAL No.: 20211203010

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	720	2905
80	401	2845
75	470	2980
70	752	3226
65	1132	3293
60	1488	3101
55	1856	3177
50	2167	3161
45	2324	3133

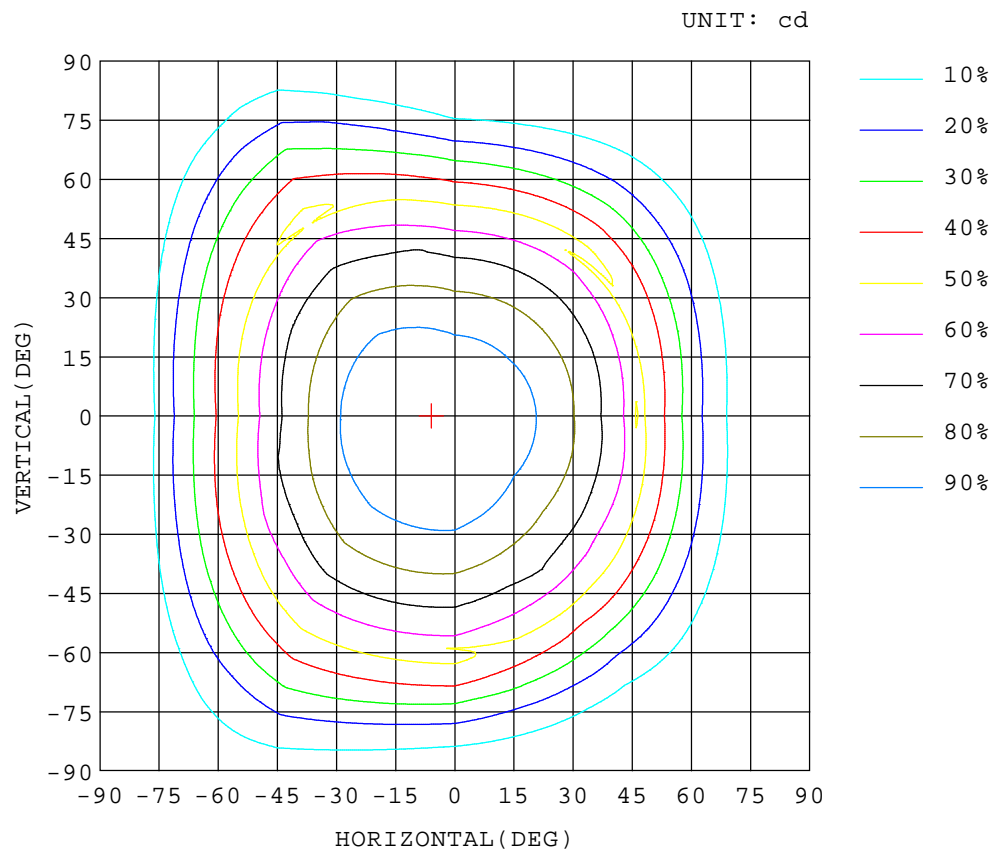
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年12月03日

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 2700K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 2700	DIMENSION: 1M*0.012M	SERIAL No.: 20211203010



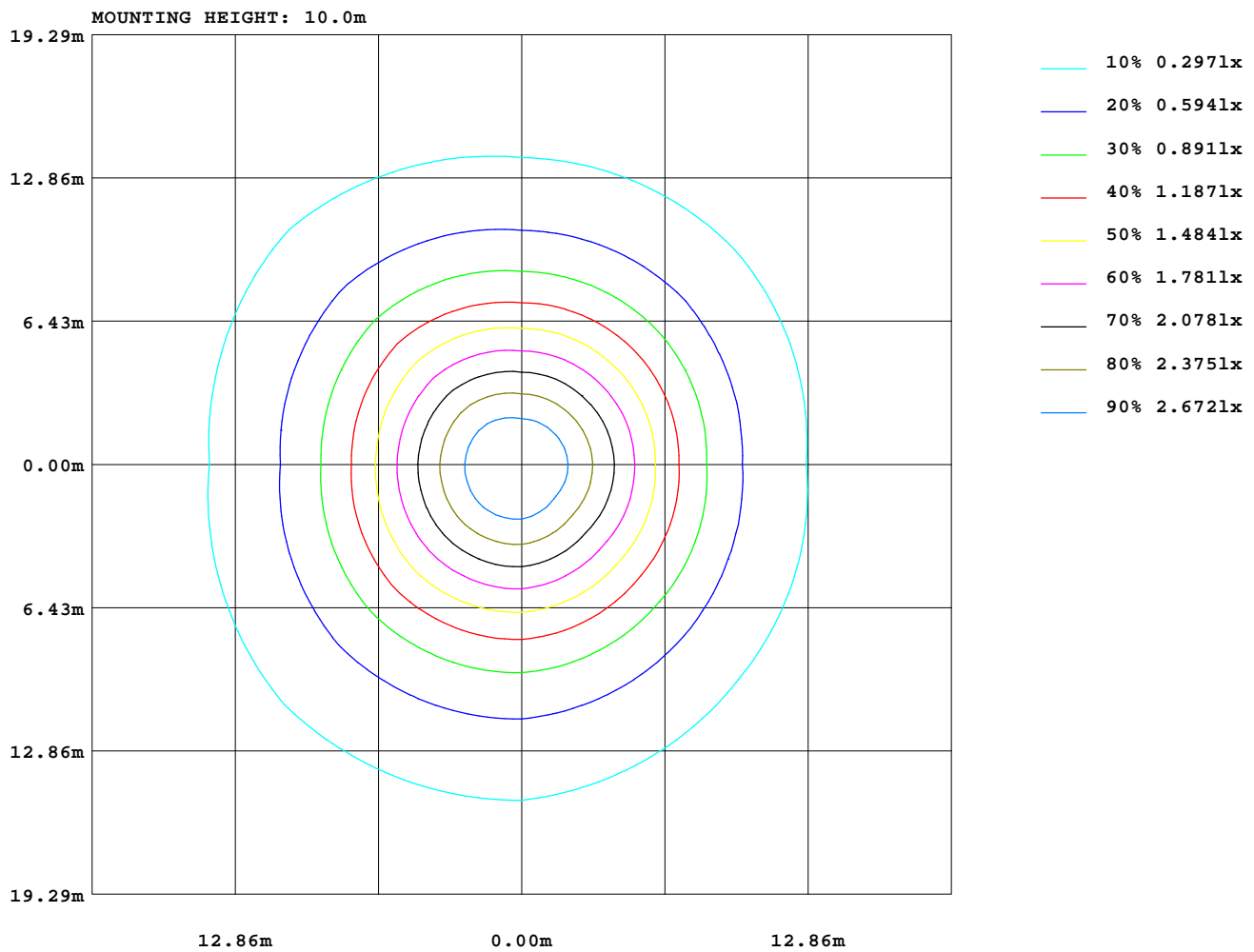
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年12月03日

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 2700K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 2700	DIMENSION: 1M*0.012M	SERIAL No.: 20211203010



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 2700K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 2700	DIMENSION: 1M*0.012M	SERIAL No.: 20211203010

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.01	0.06	0.15	0.30	0.49	0.54	0.50	0.42	0.28	0.21	0.21	0.20	0.19	0.17	0.13	0.09	0.05	0.02	4.02	0.34		
90																						
80	0.01	0.08	0.26	0.64	1.16	1.42	1.47	1.38	1.15	0.95	0.82	0.64	0.45	0.29	0.17	0.10	0.05	0.02	11.0	8.18		
70	0.01	0.11	0.45	1.12	1.97	2.52	2.80	2.90	2.79	2.56	2.25	1.76	1.21	0.70	0.32	0.13	0.06	0.02	23.7	22.7		
60	0.02	0.15	0.68	1.57	2.64	3.50	4.00	4.32	4.37	4.20	3.83	3.17	2.31	1.37	0.62	0.21	0.06	0.02	37.1	36.5		
50	0.02	0.21	0.89	1.95	3.13	4.31	5.16	5.66	5.80	5.62	5.14	4.32	3.35	2.10	1.00	0.32	0.08	0.02	49.1	48.7		
40	0.01	0.26	1.06	2.23	3.59	5.05	6.15	6.77	6.97	6.81	6.32	5.41	4.05	2.72	1.36	0.45	0.09	0.02	59.4	59.1		
30	0.01	0.30	1.18	2.44	4.00	5.57	6.88	7.64	7.87	7.72	7.17	6.17	4.76	3.13	1.65	0.56	0.10	0.02	67.2	66.9		
	0.01	0.32	1.24	2.58	4.27	5.93	7.34	8.25	8.53	8.37	7.77	6.71	5.21	3.42	1.83	0.63	0.11	0.02	72.6	72.3		
	0.01	0.32	1.25	2.63	4.37	6.12	7.61	8.54	8.92	8.76	8.12	7.01	5.42	3.55	1.89	0.65	0.12	0.02	75.3	75.1		
	0.01	0.32	1.25	2.64	4.40	6.15	7.65	8.59	9.00	8.82	8.16	7.04	5.44	3.58	1.90	0.66	0.12	0.02	75.8	75.5		
	0.01	0.32	1.25	2.63	4.34	6.03	7.47	8.41	8.81	8.62	7.89	6.80	5.28	3.50	1.85	0.64	0.12	0.02	74.0	73.8		
-30	0.02	0.31	1.20	2.51	4.13	5.74	7.10	7.97	8.36	8.19	7.46	6.34	4.91	3.24	1.68	0.58	0.11	0.02	69.9	69.6		
-40	0.02	0.27	1.08	2.30	3.78	5.30	6.50	7.28	7.65	7.49	6.80	5.73	4.32	2.80	1.41	0.48	0.09	0.02	63.3	63.0		
-50	0.02	0.22	0.93	2.01	3.30	4.65	5.68	6.36	6.70	6.53	5.85	4.80	3.52	2.20	1.07	0.35	0.08	0.02	54.3	53.9		
-60	0.02	0.17	0.72	1.64	2.74	3.79	4.58	5.17	5.44	5.25	4.59	3.66	2.56	1.49	0.69	0.23	0.06	0.02	42.8	42.3		
-70	0.02	0.13	0.49	1.18	2.09	2.85	3.46	3.91	4.14	3.93	3.27	2.44	1.55	0.81	0.36	0.13	0.05	0.02	30.8	30.0		
-80	0.01	0.09	0.32	0.74	1.31	1.74	2.07	2.29	2.38	2.17	1.70	1.17	0.68	0.31	0.16	0.09	0.05	0.02	17.3	15.9		
-90	0.01	0.06	0.16	0.34	0.58	0.73	0.82	0.86	0.85	0.75	0.58	0.40	0.24	0.12	0.09	0.07	0.04	0.01	6.69	2.94		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90		
Φ t	0.26	3.69	14.6	31.5	52.3	72.0	87.3	96.7	100	97.0	88.0	73.8	55.5	35.5	18.2	6.37	1.44	0.30	867			
Φ a	0.00	2.31	13.6	30.7	51.7	71.4	86.5	95.9	99.2	96.1	86.9	72.7	54.2	34.3	16.8	4.52	0.00	0.00		819		

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

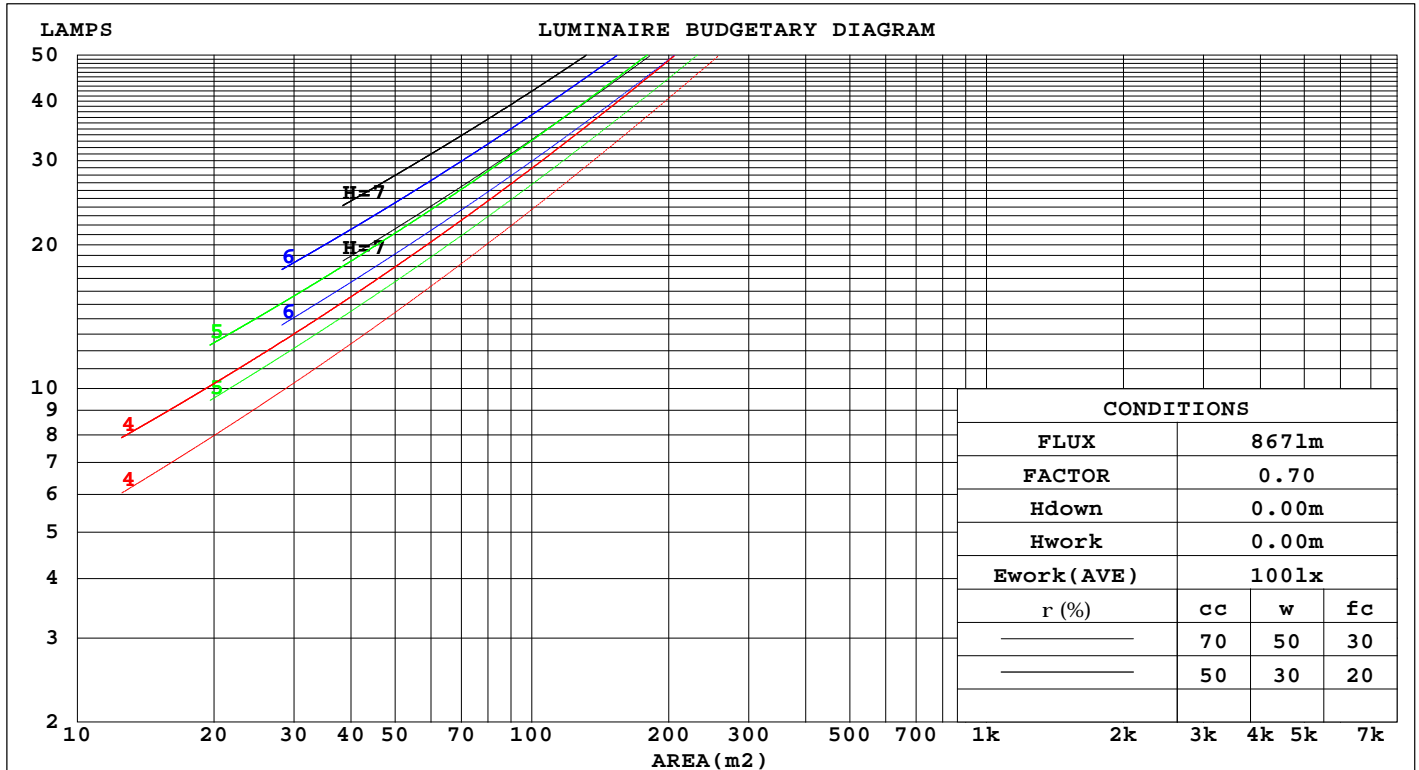
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y 2700K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 2700	DIMENSION: 1M*0.012M	SERIAL No.: 20211203010

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			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	.99	.95	1.01	.97	.93	.96	.93	.90	.91	.89	.86	.87	.85	.83	.81
2.0	.90	.84	.78	.88	.82	.77	.84	.79	.74	.80	.76	.72	.77	.73	.70	.68
3.0	.79	.71	.65	.77	.70	.64	.74	.68	.62	.71	.65	.61	.68	.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	.47	.61	.53	.47	.59	.52	.46	.57	.50	.45	.54	.49	.44	.42
6.0	.57	.48	.41	.55	.47	.41	.53	.46	.40	.51	.45	.40	.49	.44	.39	.37
7.0	.51	.43	.36	.50	.42	.36	.48	.41	.36	.47	.40	.35	.45	.39	.35	.33
8.0	.47	.38	.32	.46	.38	.32	.44	.37	.32	.43	.36	.31	.41	.35	.31	.29
9.0	.43	.35	.29	.42	.34	.29	.41	.34	.29	.39	.33	.28	.38	.32	.28	.26
10.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.36	.30	.26	.35	.30	.25	.24



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 2700K						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050 112D			CCT(K): 2700			DIMENSION: 1M*0.012M			SERIAL No.: 20211203010		

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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.303	.172	.055	.295	.168	.053	.280	.160	.051	.266	.153	.049	.253	.146	.047		
2.0	.285	.156	.048	.278	.153	.047	.264	.147	.046	.252	.141	.044	.240	.136	.043		
3.0	.264	.141	.042	.258	.138	.042	.246	.133	.041	.235	.129	.039	.224	.124	.038		
4.0	.245	.127	.037	.239	.125	.037	.228	.121	.036	.218	.117	.035	.209	.113	.035		
5.0	.227	.115	.033	.221	.114	.033	.212	.110	.032	.203	.107	.032	.194	.104	.031		
6.0	.210	.106	.030	.206	.104	.030	.197	.101	.029	.189	.098	.029	.181	.096	.028		
7.0	.196	.097	.027	.192	.096	.027	.184	.093	.027	.177	.091	.026	.170	.088	.026		
8.0	.183	.090	.025	.180	.088	.025	.173	.086	.025	.166	.084	.024	.160	.082	.024		
9.0	.172	.083	.023	.169	.082	.023	.162	.080	.023	.156	.078	.022	.151	.076	.022		
10.0	.162	.078	.022	.159	.077	.021	.153	.075	.021	.147	.073	.021	.142	.072	.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	
rfc	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	.208	.185	.163	.178	.159	.141	.122	.109	.097	.070	.063	.057	.022	.020	.018		
2.0	.200	.161	.128	.171	.138	.110	.117	.096	.077	.068	.056	.045	.022	.018	.015		
3.0	.192	.143	.104	.165	.123	.090	.113	.086	.063	.065	.050	.037	.021	.016	.012		
4.0	.185	.130	.088	.159	.112	.076	.109	.078	.054	.063	.046	.032	.020	.015	.010		
5.0	.177	.120	.077	.152	.103	.067	.105	.072	.047	.061	.042	.028	.020	.014	.009		
6.0	.170	.111	.069	.146	.096	.060	.101	.067	.042	.059	.040	.025	.019	.013	.008		
7.0	.164	.104	.063	.141	.090	.055	.097	.063	.039	.057	.037	.023	.018	.012	.008		
8.0	.157	.099	.058	.135	.086	.051	.094	.060	.036	.055	.035	.021	.018	.012	.007		
9.0	.151	.094	.055	.130	.081	.048	.090	.057	.034	.053	.034	.020	.017	.011	.007		
10.0	.146	.089	.052	.126	.078	.045	.087	.055	.032	.051	.032	.019	.016	.011	.006		

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 2700K					TYPE: LED Strip			WEIGHT:			
SPECIFICATION: 5050 112D		CCT(K): 2700			DIMENSION: 1M*0.012M			SERIAL No.: 20211203010			
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	14.3	15.8	14.6	16.0	16.3	16.6	18.0	16.9	18.3	18.6
	3H	14.8	16.1	15.1	16.4	16.7	18.4	19.7	18.7	20.0	20.3
	4H	14.8	16.1	15.2	16.4	16.7	19.1	20.4	19.5	20.7	21.0
	6H	14.8	16.0	15.1	16.3	16.6	19.7	20.9	20.0	21.2	21.5
	8H	14.7	15.9	15.1	16.2	16.6	19.9	21.0	20.3	21.4	21.7
	12H	14.7	15.8	15.1	16.2	16.6	20.0	21.1	20.4	21.5	21.9
4H	2H	15.0	16.2	15.3	16.6	16.9	16.8	18.1	17.2	18.4	18.7
	3H	15.6	16.7	16.0	17.0	17.4	18.7	19.8	19.1	20.2	20.6
	4H	15.7	16.7	16.1	17.0	17.5	19.5	20.5	20.0	20.9	21.3
	6H	15.7	16.6	16.1	17.0	17.4	20.2	21.1	20.7	21.5	22.0
	8H	15.7	16.5	16.1	16.9	17.4	20.5	21.3	21.0	21.8	22.2
	12H	15.7	16.4	16.2	16.9	17.4	20.7	21.5	21.2	22.0	22.4
8H	4H	15.9	16.7	16.3	17.1	17.6	19.5	20.3	20.0	20.8	21.2
	6H	15.9	16.6	16.4	17.1	17.6	20.3	20.9	20.8	21.4	21.9
	8H	16.0	16.6	16.5	17.1	17.6	20.6	21.2	21.1	21.7	22.3
	12H	16.0	16.6	16.6	17.1	17.6	21.0	21.5	21.5	22.0	22.6
12H	4H	15.9	16.7	16.4	17.1	17.6	19.4	20.2	19.9	20.7	21.1
	6H	16.0	16.6	16.5	17.1	17.6	20.2	20.8	20.7	21.3	21.9
	8H	16.0	16.6	16.6	17.1	17.6	20.6	21.1	21.1	21.6	22.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.6					+ 0.1 / - 0.1					
1.5H	+ 0.4 / - 0.7					+ 0.2 / - 0.2					
2.0H	+ 0.6 / - 1.3					+ 0.4 / - 0.6					

CIE Pub.117 Corrected 867.2 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.5)

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 2700K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 2700	DIMENSION: 1M*0.012M	SERIAL No.: 20211203010

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) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	44	38	32
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	72	65	56	49
1.25	82	72	65	81	71	64	78	69	63	56
1.50	87	78	71	86	77	70	82	74	69	61
2.00	94	86	79	92	84	78	88	82	77	68
2.50	98	90	84	96	89	83	91	86	81	72
3.00	101	95	89	99	93	88	94	89	85	76
4.00	105	100	95	103	98	93	98	94	90	80
5.00	108	103	99	105	101	97	100	96	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

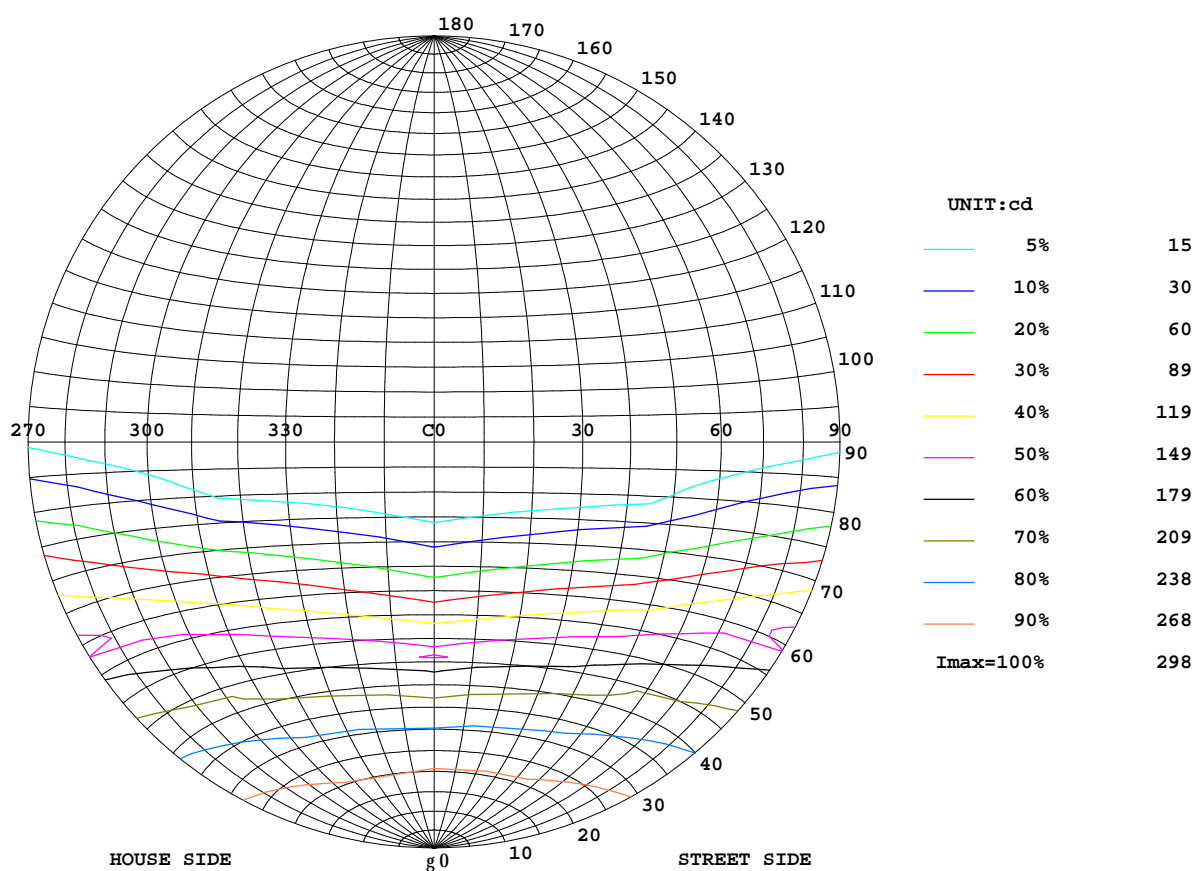
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月03日

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 2700K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 2700	DIMENSION: 1M*0.012M	SERIAL No.: 20211203010



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

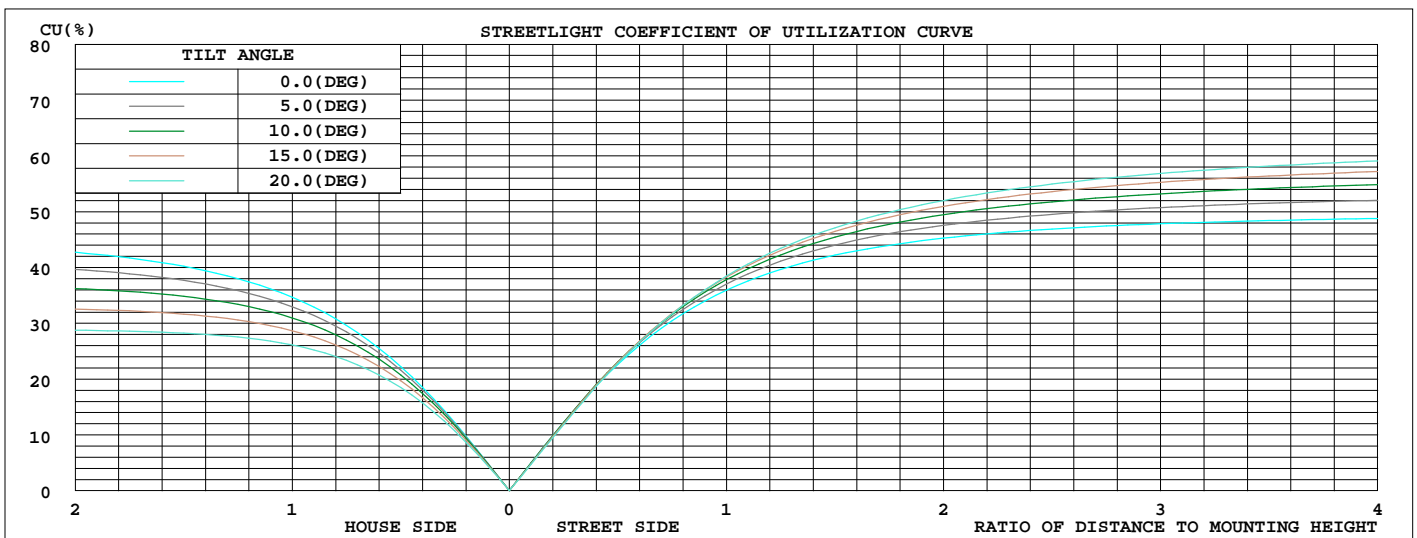
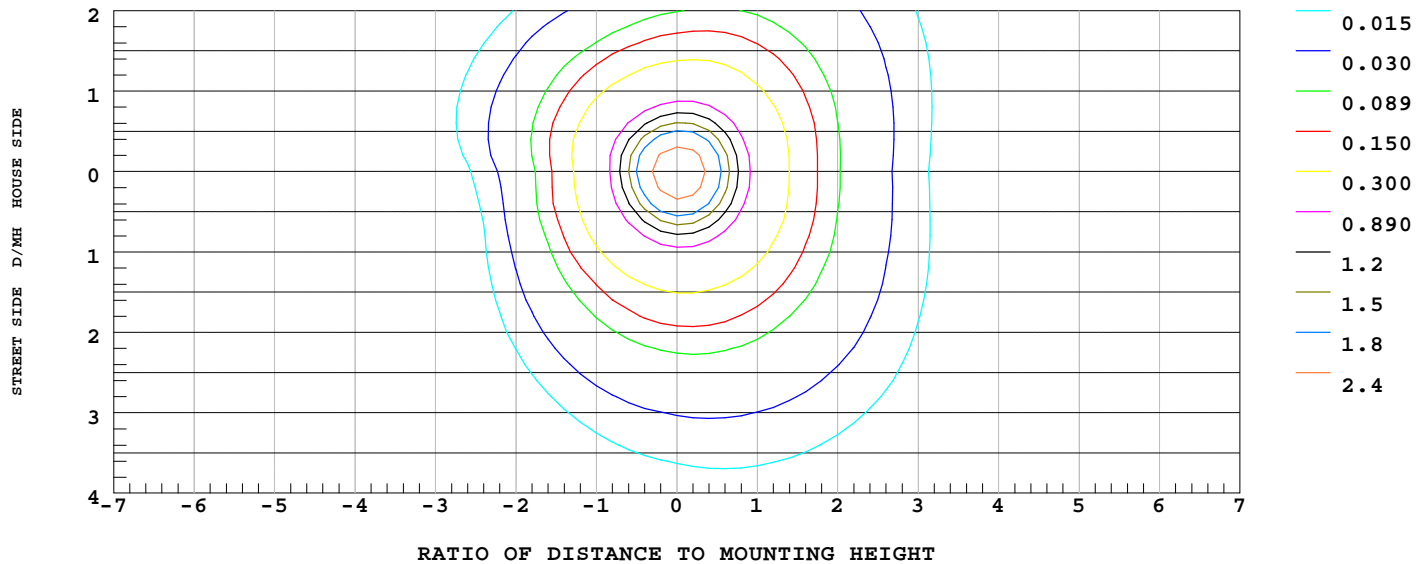
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y 2700K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 2700	DIMENSION: 1M*0.012M	SERIAL No.: 20211203010

ILLUMINANCE AT MH=10 m, Enadir = 2.97 lx



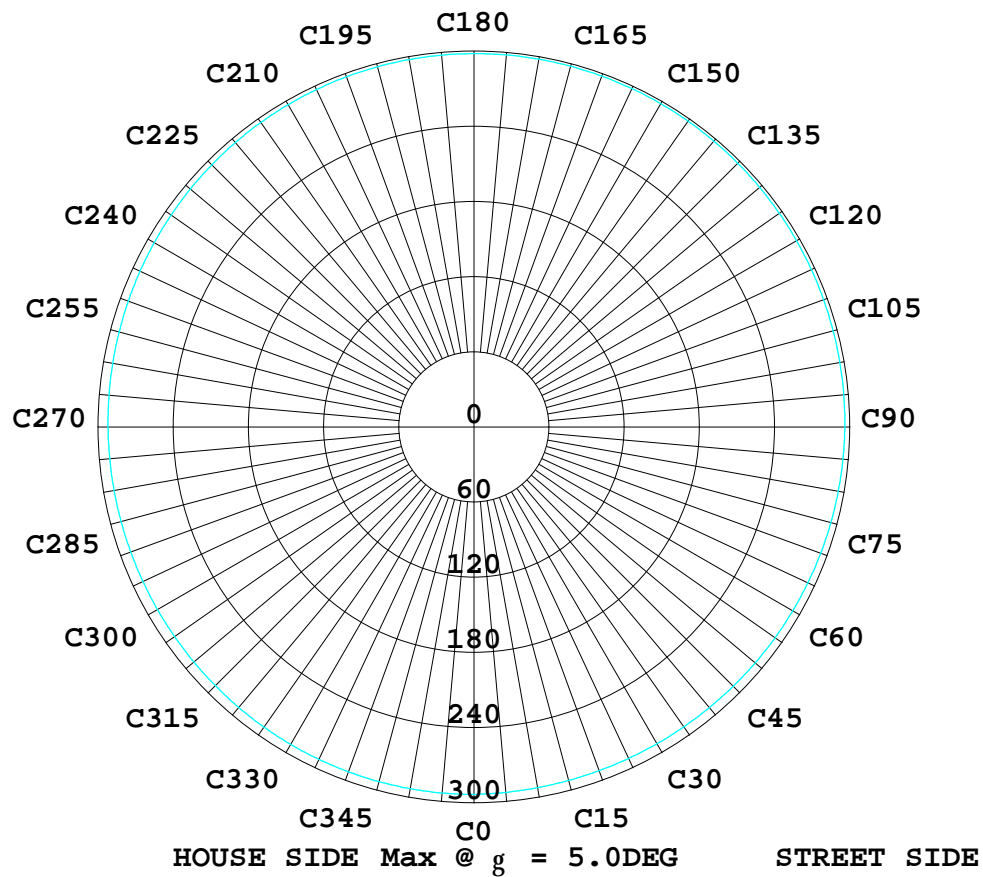
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年12月03日

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 2700K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 2700	DIMENSION: 1M*0.012M	SERIAL No.: 20211203010



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: