

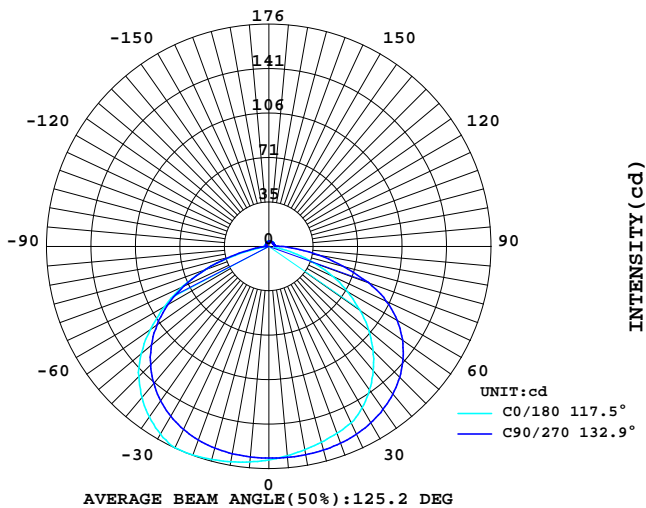
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

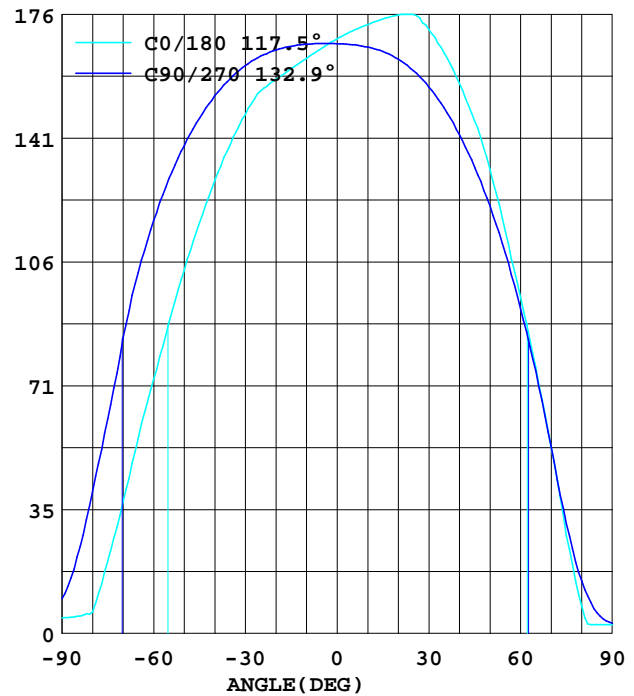
MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203009

DATA OF LAMP		Imax(cd)	176.4	S/MH(C0/180)	1.29
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.44
NOMINAL POWER(W)	12	TOTAL FLUX(lm)	619.48	Voltage(V)	23.99
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	55.3	Current(A)	0.466
NOMINAL FLUX(lm)	619.5	h up(%)	3.8	Power(W)	11.20
LAMPS QUANTITY	1	h down(%)	96.2	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	588.2	EEL	0.223

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203009

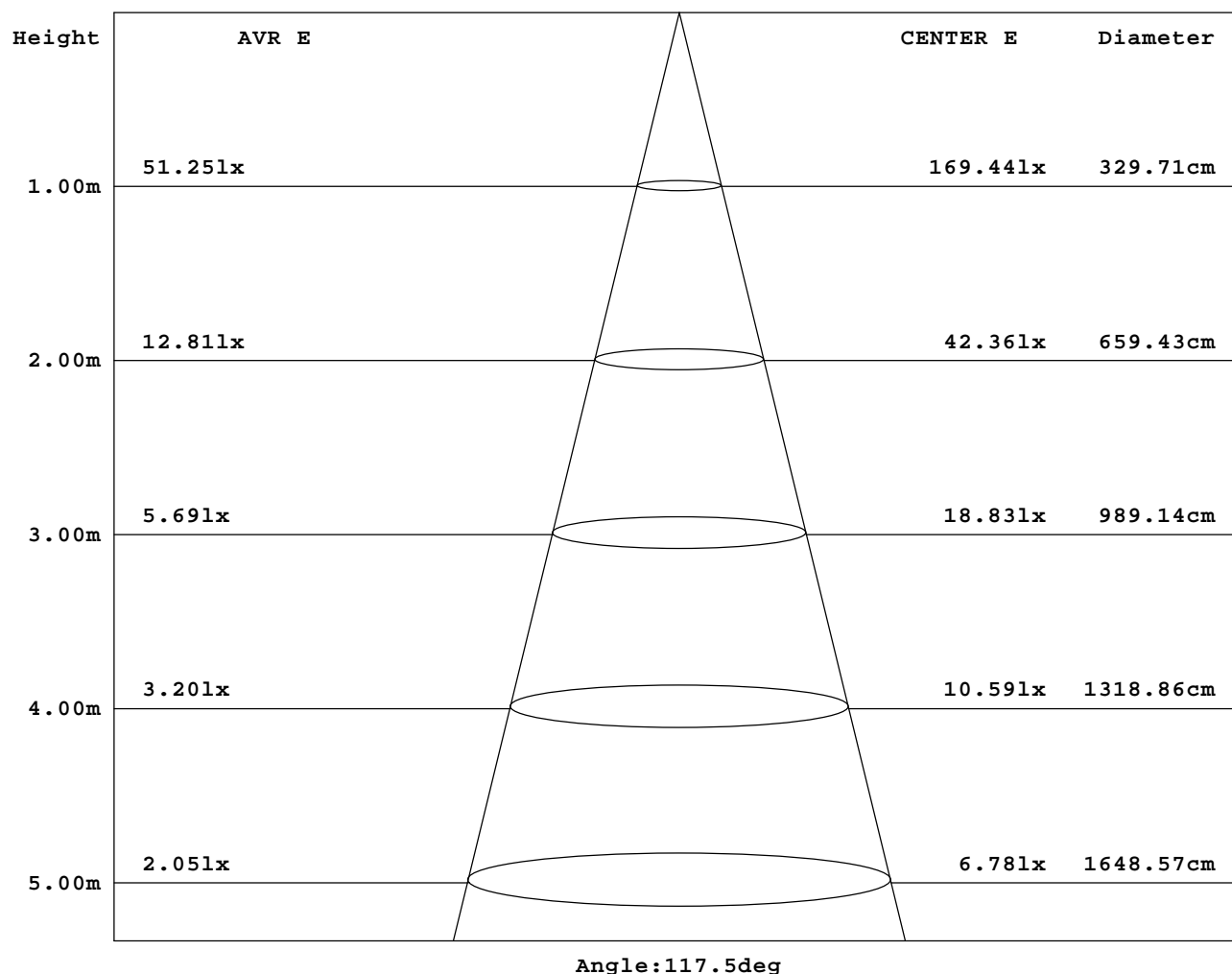
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年12月03日

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203009



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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203009

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tBtal
5.0	166.7	165.4	168.0	169.9	171.6	169.7	167.7	166.5	0- 5	4.024	4.024
10.0	163.7	162.7	167.8	171.1	173.4	171.5	167.0	164.4	5- 10	12.01	16.04
15.0	160.9	159.9	167.2	171.9	175.0	173.0	165.7	162.1	10- 15	19.85	35.90
20.0	157.8	156.8	166.1	172.5	176.1	174.3	163.6	159.2	15- 20	27.43	63.33
25.0	154.5	153.2	164.4	172.6	176.3	175.4	160.3	155.8	20- 25	34.61	97.95
30.0	147.8	148.8	161.7	171.3	172.0	175.6	155.6	151.7	25- 30	41.13	139.0
35.0	139.0	143.5	157.9	169.9	165.4	174.0	149.7	146.1	30- 35	46.62	185.7
40.0	128.9	136.8	153.1	165.8	156.6	170.4	142.1	138.6	35- 40	50.89	236.6
45.0	117.0	128.3	146.8	159.6	145.8	164.7	132.7	129.7	40- 45	53.67	290.2
50.0	103.4	118.4	138.9	151.3	132.3	156.4	121.8	118.5	45- 50	54.75	345.0
55.0	88.59	106.3	129.5	140.2	114.6	145.3	108.4	105.4	50- 55	53.85	398.8
60.0	72.32	92.38	117.5	126.6	95.63	131.9	92.38	91.14	55- 60	50.84	449.7
65.0	55.52	77.59	102.7	111.0	75.65	114.8	74.65	74.96	60- 65	45.86	495.5
70.0	37.63	61.10	84.40	92.46	53.20	93.62	53.51	57.84	65- 70	38.69	534.2
75.0	20.67	43.05	61.10	69.07	27.72	68.45	31.20	40.50	70- 75	29.29	563.5
80.0	6.040	24.70	40.26	42.20	7.821	37.94	15.02	22.38	75- 80	18.43	582.0
85.0	4.878	13.00	21.83	16.72	2.478	16.80	5.885	9.989	80- 85	9.509	591.5
90.0	4.414	5.033	9.912	4.026	2.478	7.201	2.865	5.575	85- 90	4.249	595.7
95.0	4.336	2.632	5.498	2.168	2.632	4.956	2.478	4.723	90- 95	2.313	598.0
100.0	4.259	2.632	4.491	2.323	2.710	4.646	2.555	4.491	95-100	1.938	600.0
105.0	4.259	2.632	4.259	2.400	2.865	4.568	2.710	4.491	100-105	1.881	601.9
110.0	4.259	2.787	4.181	2.478	2.942	4.414	2.787	4.414	105-110	1.843	603.7
115.0	4.181	2.865	4.181	2.555	3.097	4.336	2.942	4.414	110-115	1.799	605.5
120.0	4.259	3.020	4.104	2.632	3.175	4.336	3.020	4.414	115-120	1.747	607.3
125.0	4.259	3.097	4.104	2.787	3.329	4.336	3.097	4.414	120-125	1.686	608.9
130.0	4.259	3.252	4.104	2.865	3.484	4.336	3.252	4.414	125-130	1.610	610.5
135.0	4.336	3.329	4.181	3.020	3.562	4.336	3.407	4.414	130-135	1.530	612.1
140.0	4.336	3.484	4.181	3.175	3.717	4.336	3.484	4.414	135-140	1.428	613.5
145.0	4.414	3.562	4.259	3.252	3.794	4.336	3.562	4.414	140-145	1.307	614.8
150.0	4.414	3.639	4.259	3.329	3.949	4.414	3.639	4.491	145-150	1.174	616.0
155.0	4.414	3.717	4.259	3.484	4.026	4.414	3.717	4.491	150-155	1.023	617.0
160.0	4.414	3.794	4.336	3.562	4.104	4.414	3.794	4.414	155-160	0.856	617.9
165.0	4.491	3.794	4.336	3.639	4.259	4.414	3.794	4.414	160-165	0.679	618.5
170.0	4.491	3.872	4.336	3.717	4.259	4.414	3.872	4.414	165-170	0.494	619.0
175.0	4.491	3.872	4.336	3.794	4.336	4.414	3.872	4.336	170-175	0.298	619.3
180.0	4.336	3.949	4.259	3.872	4.646	4.336	3.949	4.259	175-180	0.100	619.4
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:

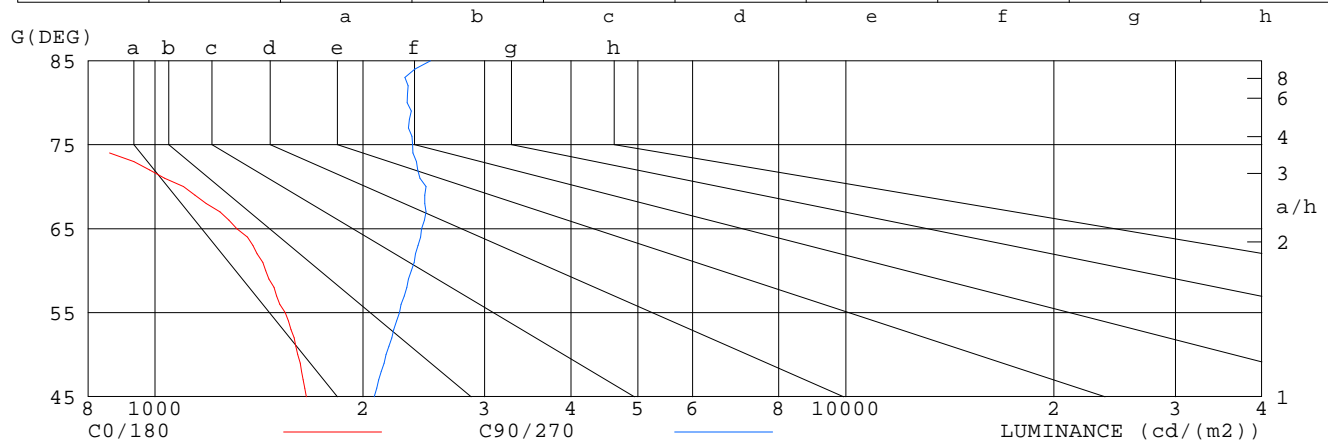
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203009

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	560	2506
80	348	2319
75	799	2361
70	1100	2468
65	1314	2432
60	1447	2351
55	1545	2259
50	1610	2161
45	1656	2076

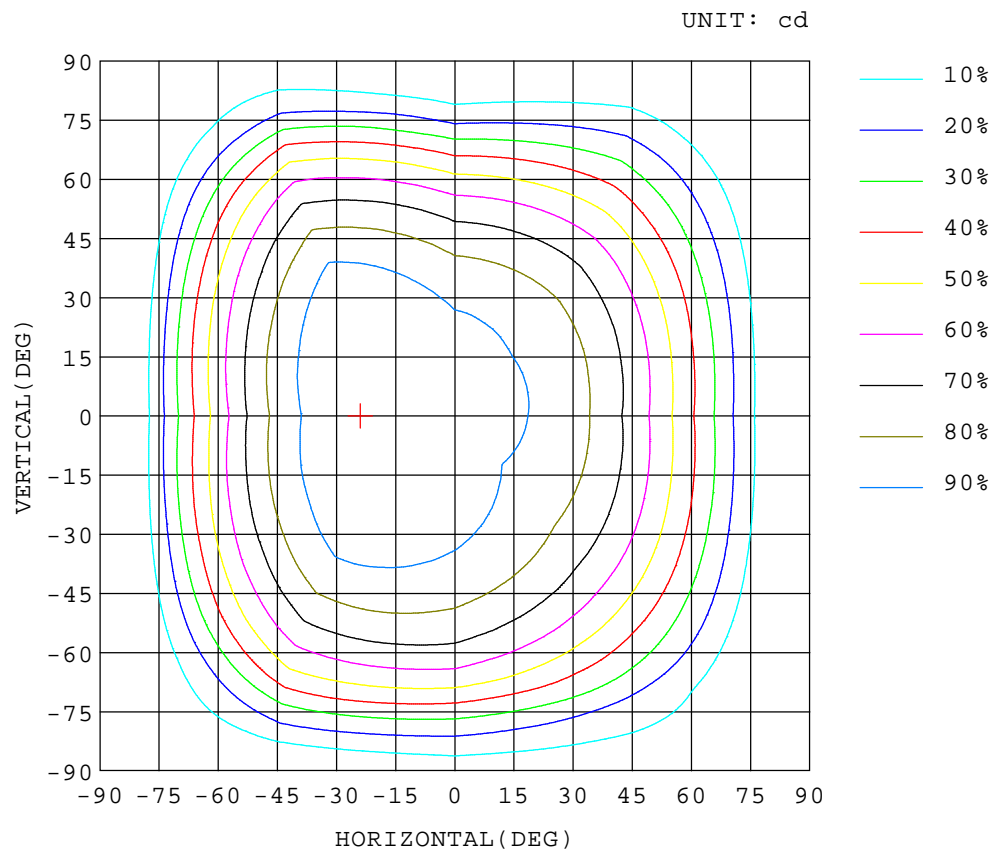
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年12月03日

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203009



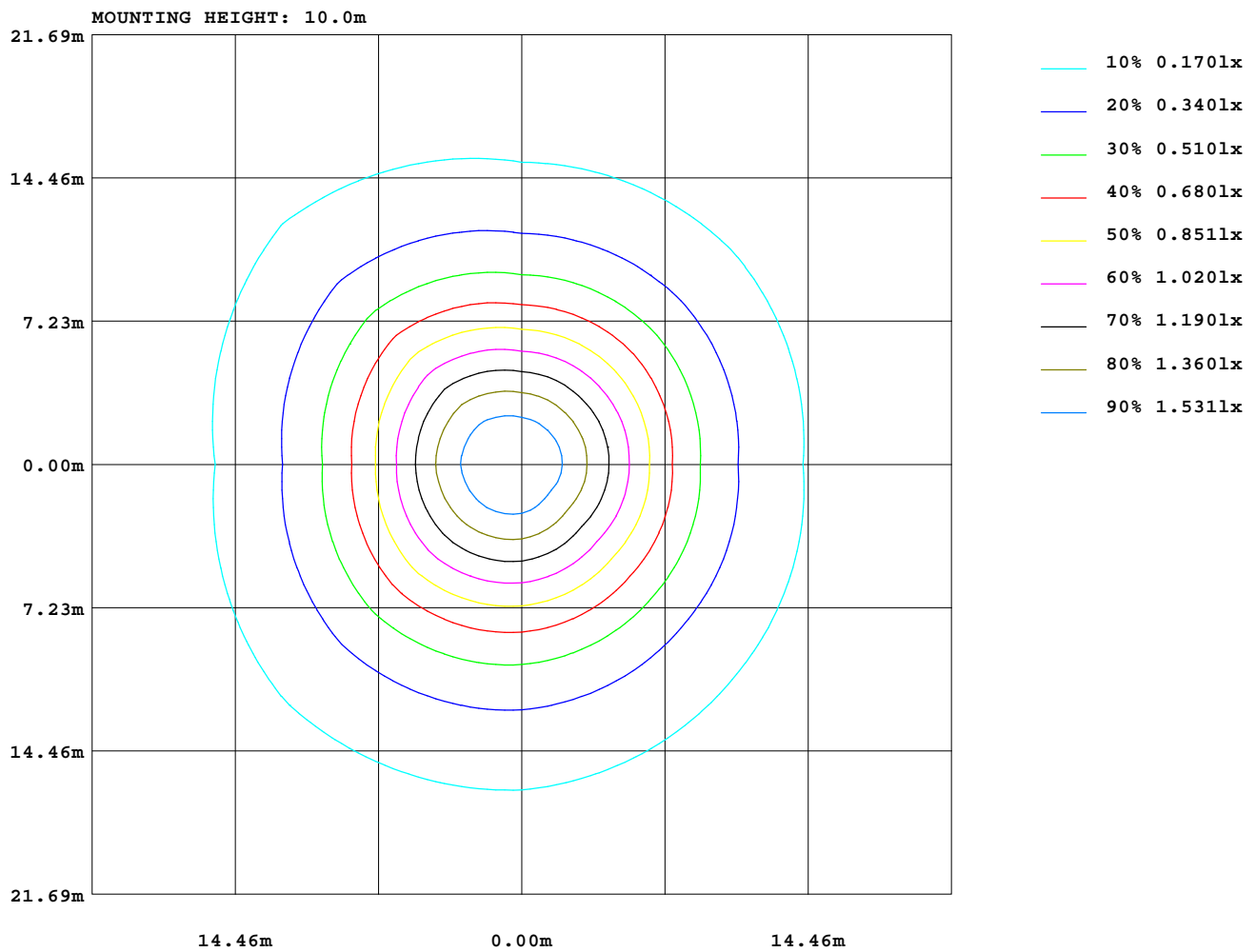
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年12月03日

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203009



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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203009

90	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	0.01	0.04	0.09	0.17	0.29	0.33	0.34	0.31	0.25	0.23	0.24	0.24	0.22	0.18	0.12	0.08	0.04	0.01	3.17	0.45	
80	0.01	0.05	0.17	0.44	0.86	1.13	1.24	1.22	1.08	1.00	0.97	0.87	0.72	0.52	0.27	0.12	0.05	0.01	10.7	9.95	
70	0.01	0.07	0.33	0.90	1.67	2.18	2.43	2.49	2.37	2.22	2.07	1.80	1.44	1.02	0.55	0.21	0.06	0.01	21.8	21.5	
60	0.01	0.11	0.55	1.33	2.26	3.01	3.36	3.49	3.40	3.24	3.02	2.62	2.10	1.48	0.85	0.35	0.08	0.01	31.3	31.1	
50	0.01	0.16	0.74	1.64	2.66	3.58	4.04	4.21	4.15	3.98	3.72	3.27	2.64	1.87	1.10	0.48	0.11	0.01	38.4	38.3	
40	0.01	0.20	0.88	1.85	2.92	3.91	4.52	4.70	4.65	4.49	4.21	3.73	3.02	2.17	1.31	0.59	0.14	0.01	43.3	43.2	
30	0.01	0.24	0.97	1.98	3.09	4.06	4.75	4.99	4.96	4.80	4.51	4.01	3.27	2.38	1.46	0.68	0.16	0.01	46.3	46.3	
VERTICAL(°)	0.01	0.26	1.00	2.04	3.17	4.13	4.81	5.11	5.10	4.96	4.65	4.17	3.42	2.50	1.54	0.72	0.18	0.01	47.8	47.7	
	0.01	0.26	1.00	2.03	3.16	4.13	4.83	5.12	5.16	5.02	4.72	4.24	3.47	2.53	1.56	0.73	0.18	0.01	48.2	48.1	
	0.01	0.26	1.00	2.03	3.15	4.12	4.81	5.11	5.16	5.00	4.69	4.22	3.46	2.53	1.56	0.74	0.18	0.01	48.0	48.0	
	0.01	0.26	1.00	2.02	3.13	4.08	4.74	5.06	5.12	4.96	4.60	4.12	3.40	2.49	1.54	0.73	0.18	0.01	47.5	47.4	
	0.01	0.24	0.96	1.95	3.03	3.98	4.66	4.97	5.03	4.88	4.50	3.95	3.24	2.37	1.46	0.68	0.17	0.02	46.1	46.0	
	0.01	0.21	0.88	1.81	2.85	3.80	4.45	4.76	4.84	4.68	4.30	3.73	3.01	2.17	1.33	0.61	0.14	0.02	43.6	43.5	
	0.01	0.16	0.74	1.61	2.58	3.48	4.06	4.39	4.48	4.34	3.95	3.39	2.67	1.89	1.13	0.50	0.11	0.02	39.5	39.4	
	0.01	0.12	0.56	1.32	2.20	2.97	3.49	3.82	3.94	3.80	3.42	2.87	2.22	1.53	0.88	0.36	0.09	0.01	33.6	33.4	
	0.01	0.08	0.35	0.93	1.67	2.28	2.71	2.99	3.11	2.99	2.64	2.17	1.63	1.08	0.58	0.23	0.07	0.01	25.5	25.2	
	0.01	0.05	0.18	0.49	0.94	1.32	1.61	1.80	1.87	1.78	1.55	1.24	0.90	0.58	0.32	0.15	0.05	0.01	14.8	14.3	
-90	0.01	0.03	0.07	0.15	0.27	0.40	0.52	0.61	0.68	0.66	0.57	0.46	0.34	0.23	0.14	0.08	0.04	0.01	5.26	3.02	
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(°) 20 30 40 50 60 70 80 90																					
Φ t	0.18	2.77	11.4	24.7	39.9	52.9	61.4	65.2	65.4	63.0	58.4	51.1	41.2	29.5	17.7	8.03	2.03	0.25	619		
Φ a	0.00	2.10	11.0	24.3	39.6	52.6	61.0	64.8	65.0	62.6	57.9	50.7	40.7	29.0	17.2	7.34	1.15	0.00		588	

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

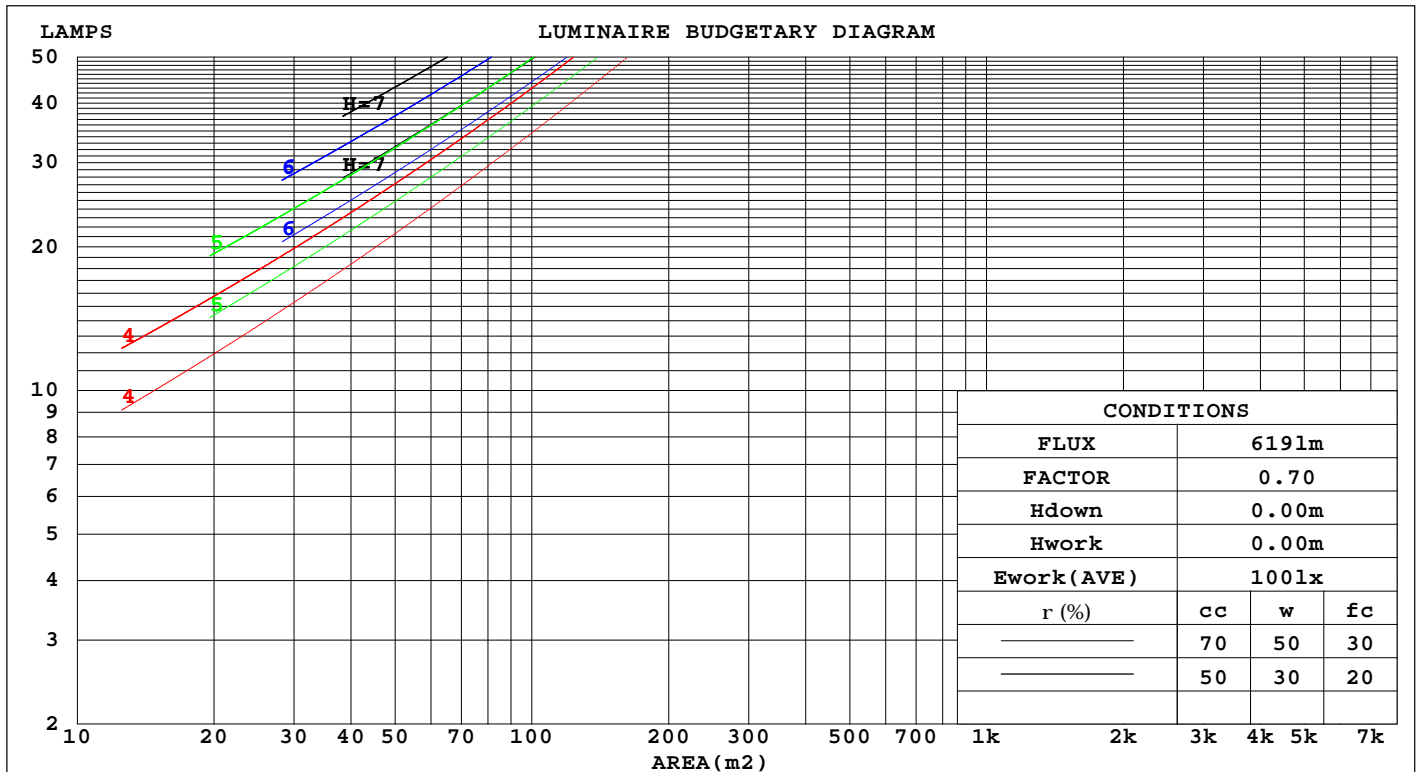
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203009

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	1.02	.98	.94	.90	.95	.92	.95	.91	.88	.90	.87	.85	.86	.84	.82	.79
2.0	.88	.81	.75	.86	.79	.74	.82	.76	.71	.78	.73	.69	.74	.71	.67	.65
3.0	.77	.68	.61	.75	.67	.61	.71	.65	.59	.68	.62	.58	.65	.60	.56	.54
4.0	.68	.58	.51	.66	.57	.51	.63	.56	.50	.60	.54	.49	.57	.52	.47	.45
5.0	.60	.51	.44	.59	.50	.43	.56	.48	.42	.54	.47	.42	.51	.45	.41	.39
6.0	.54	.44	.38	.52	.44	.37	.50	.43	.37	.48	.41	.36	.46	.40	.35	.33
7.0	.48	.39	.33	.47	.39	.33	.45	.38	.32	.44	.37	.32	.42	.36	.31	.29
8.0	.44	.35	.29	.43	.35	.29	.41	.34	.29	.40	.33	.28	.38	.32	.28	.26
9.0	.40	.32	.26	.39	.31	.26	.38	.31	.26	.37	.30	.25	.35	.29	.25	.23
10.0	.37	.29	.23	.36	.29	.23	.35	.28	.23	.34	.27	.23	.33	.27	.22	.21



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 RGB						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050 112D			CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211203009		

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	.325	.185	.059	.317	.181	.057	.301	.173	.055	.287	.166	.053	.274	.159	.051	
2.0	.304	.167	.051	.297	.164	.050	.283	.157	.049	.270	.152	.047	.259	.146	.046	
3.0	.280	.149	.045	.274	.147	.044	.261	.142	.043	.250	.137	.042	.239	.133	.041	
4.0	.258	.134	.039	.252	.132	.039	.241	.128	.038	.231	.124	.037	.221	.120	.037	
5.0	.238	.121	.035	.232	.119	.035	.222	.116	.034	.213	.113	.033	.205	.109	.033	
6.0	.220	.110	.032	.215	.109	.031	.206	.106	.031	.198	.103	.030	.190	.100	.030	
7.0	.204	.101	.029	.200	.100	.028	.192	.097	.028	.184	.094	.027	.177	.092	.027	
8.0	.190	.093	.026	.186	.092	.026	.179	.089	.026	.172	.087	.025	.166	.085	.025	
9.0	.178	.086	.024	.174	.085	.024	.168	.083	.024	.162	.081	.023	.156	.079	.023	
10.0	.167	.080	.022	.164	.079	.022	.158	.077	.022	.152	.076	.021	.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	
rfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.220	.220	.220	.188	.188	.188	.128	.128	.128	.074	.074	.074	.024	.024	.024		
1.0	.211	.185	.163	.180	.159	.140	.123	.109	.097	.071	.063	.056	.023	.020	.018		
2.0	.204	.161	.126	.174	.139	.109	.119	.096	.076	.069	.056	.045	.022	.018	.015		
3.0	.196	.144	.103	.168	.124	.089	.116	.086	.062	.067	.050	.037	.021	.016	.012		
4.0	.189	.131	.087	.162	.113	.076	.111	.079	.053	.064	.046	.031	.021	.015	.010		
5.0	.182	.121	.076	.156	.105	.066	.107	.073	.047	.062	.043	.028	.020	.014	.009		
6.0	.174	.113	.068	.150	.098	.060	.103	.068	.042	.060	.040	.025	.019	.013	.008		
7.0	.168	.106	.063	.144	.092	.055	.100	.064	.039	.058	.038	.023	.019	.012	.008		
8.0	.161	.100	.058	.139	.087	.051	.096	.061	.036	.056	.036	.022	.018	.012	.007		
9.0	.155	.095	.055	.133	.083	.048	.092	.058	.034	.054	.034	.020	.017	.011	.007		
10.0	.149	.091	.052	.128	.079	.046	.089	.056	.032	.052	.033	.019	.017	.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 RGB					TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050 112D		CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211203009		
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	14.0	15.5	14.3	15.8	16.1	15.7	17.2	16.0	17.5	17.7
	3H	15.2	16.6	15.5	16.9	17.2	17.7	19.1	18.1	19.4
	4H	15.5	16.8	15.9	17.2	17.5	18.6	19.9	18.9	20.2
	6H	15.5	16.8	15.9	17.2	17.5	19.2	20.5	19.6	20.8
	8H	15.5	16.8	15.9	17.1	17.5	19.5	20.7	19.9	21.0
	12H	15.5	16.7	15.9	17.1	17.5	19.7	20.9	20.1	21.2
4H	2H	14.9	16.2	15.2	16.5	16.9	16.1	17.5	16.5	17.8
	3H	16.3	17.4	16.7	17.8	18.2	18.4	19.5	18.8	19.9
	4H	16.7	17.8	17.1	18.2	18.6	19.3	20.4	19.8	20.8
	6H	16.9	17.8	17.3	18.2	18.7	20.1	21.1	20.6	21.5
	8H	16.9	17.8	17.4	18.2	18.7	20.5	21.3	20.9	21.8
	12H	16.9	17.7	17.4	18.2	18.7	20.7	21.5	21.2	22.0
8H	4H	17.2	18.1	17.6	18.5	19.0	19.5	20.3	19.9	20.8
	6H	17.5	18.2	18.0	18.7	19.2	20.4	21.2	20.9	21.6
	8H	17.6	18.2	18.1	18.7	19.3	20.9	21.5	21.4	22.0
	12H	17.7	18.2	18.2	18.7	19.3	21.3	21.8	21.8	22.3
12H	4H	17.2	18.0	17.7	18.5	19.0	19.4	20.3	19.9	20.7
	6H	17.6	18.3	18.1	18.8	19.3	20.4	21.1	21.0	21.6
	8H	17.8	18.3	18.3	18.9	19.4	20.9	21.5	21.5	22.0
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.1				
1.5H	+ 0.3 / - 0.4					+ 0.1 / - 0.2				
2.0H	+ 0.2 / - 0.5					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 619.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.7)

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203009

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) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	34	53	41	34	51	41	34	27
0.80	64	51	44	63	51	44	60	50	43	36
1.00	72	60	53	71	60	52	68	61	52	44
1.25	80	68	61	78	68	60	75	66	59	51
1.50	85	74	67	83	73	66	79	71	65	56
2.00	92	83	76	90	81	75	86	79	73	64
2.50	96	88	81	94	86	80	90	83	78	69
3.00	100	93	87	97	91	85	93	87	83	73
4.00	104	98	93	101	96	91	97	92	88	78
5.00	107	102	97	104	99	95	99	95	92	81
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

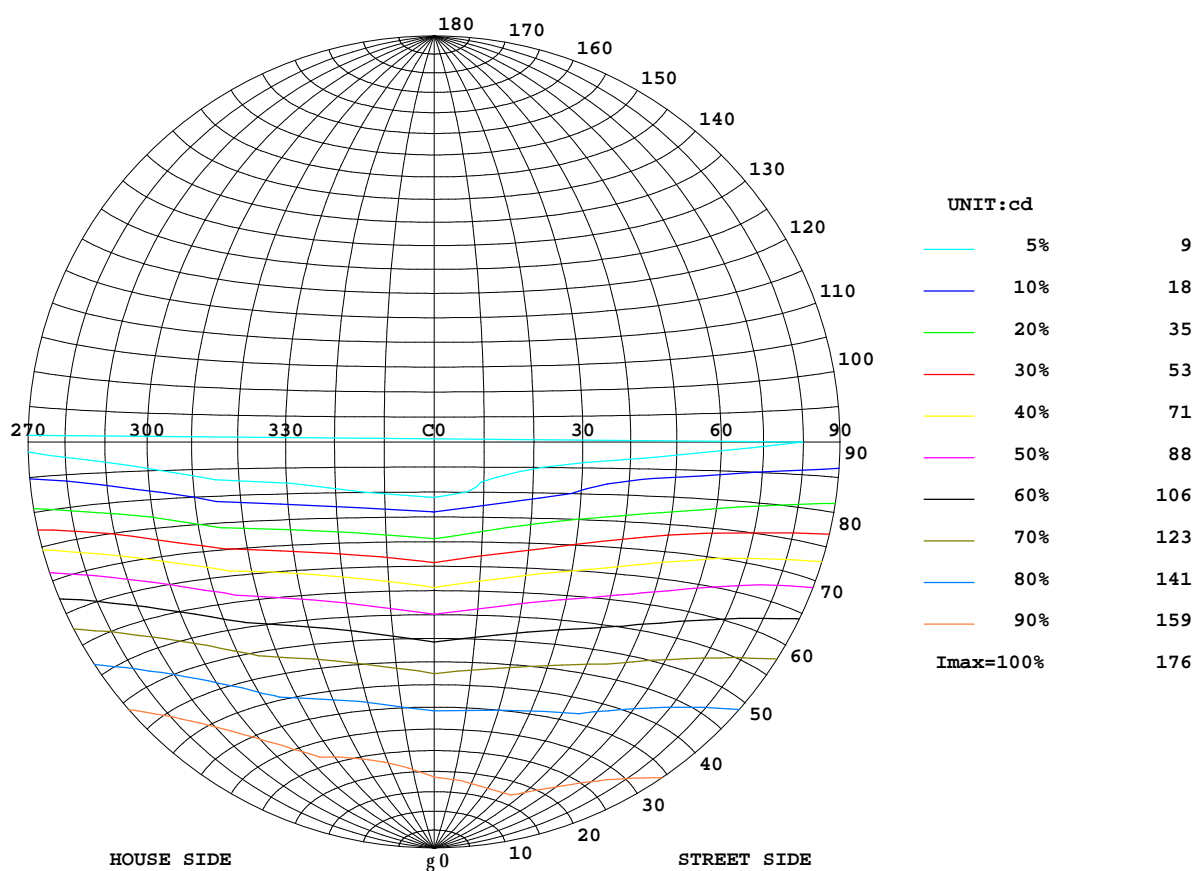
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年12月03日

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203009



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

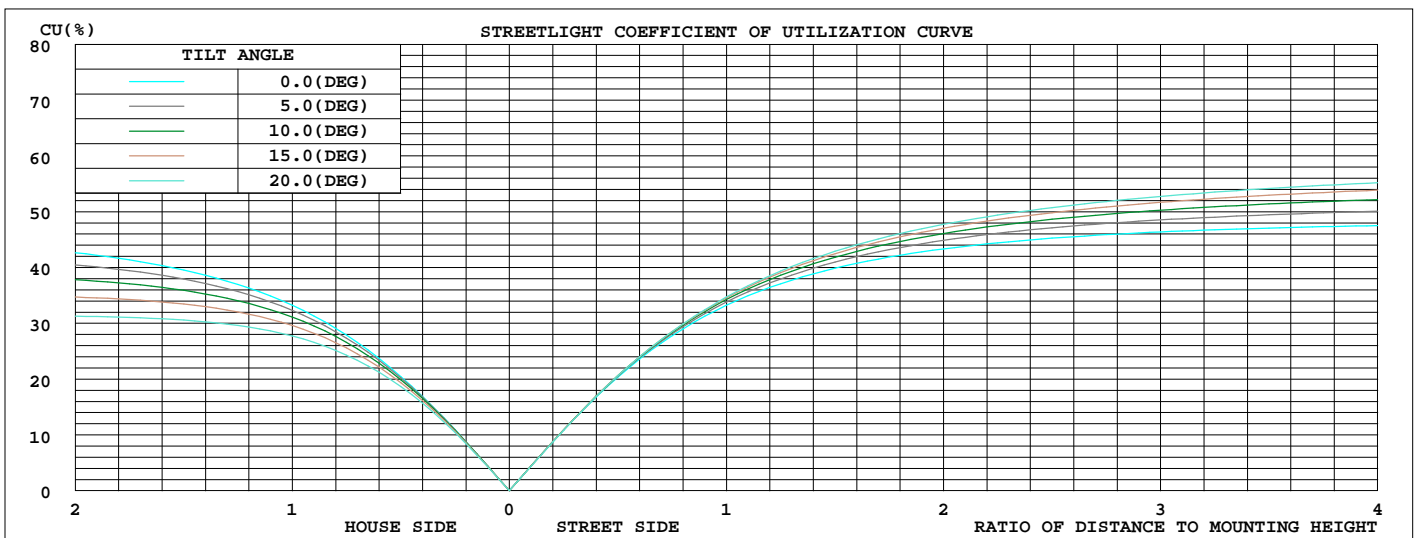
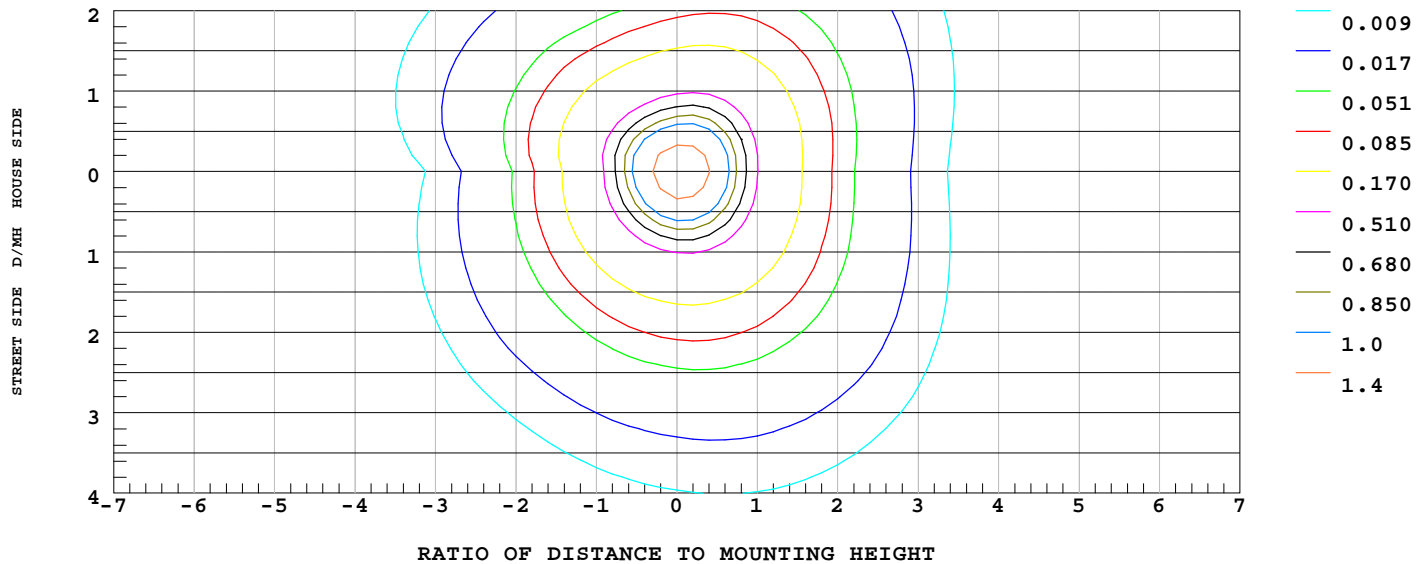
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 51-RS-5050-24-112-12-X-Y RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203009

ILLUMINANCE AT MH=10 m, Enadir = 1.69 lx



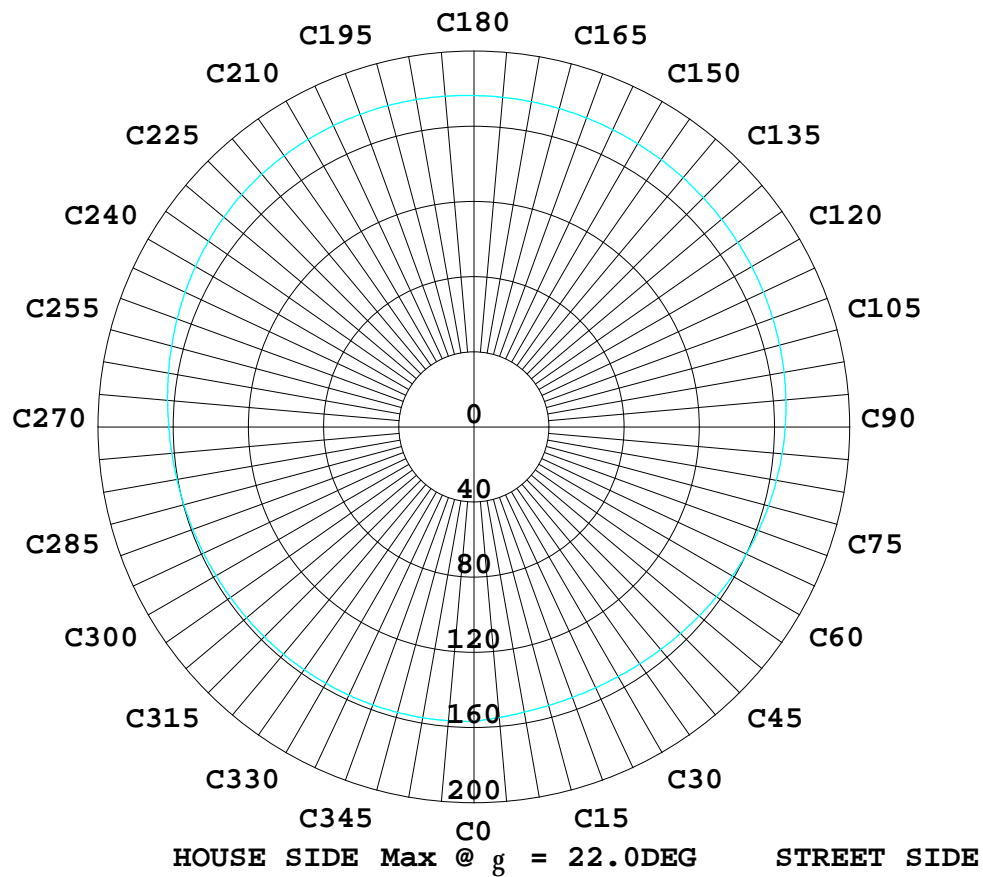
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年12月03日

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211203009



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: