

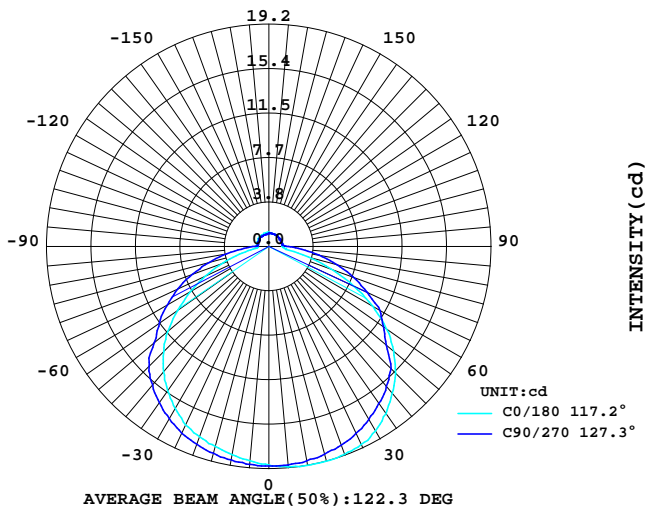
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

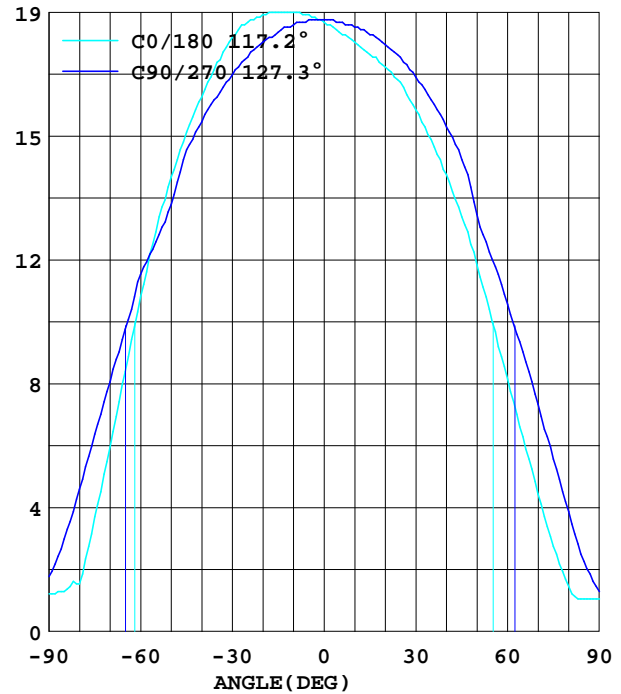
MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130012

DATA OF LAMP		Imax(cd)	19.20	S/MH(C0/180)	1.43
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.36
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	70.832	Voltage(V)	24.04
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	24.9	Current(A)	0.117
NOMINAL FLUX(lm)	70.8	h up(%)	9.9	Power(W)	2.840
LAMPS QUANTITY	1	h down(%)	90.1	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	63.1	EEL	0.282

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月30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: 47-RS-5050-24-112-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130012

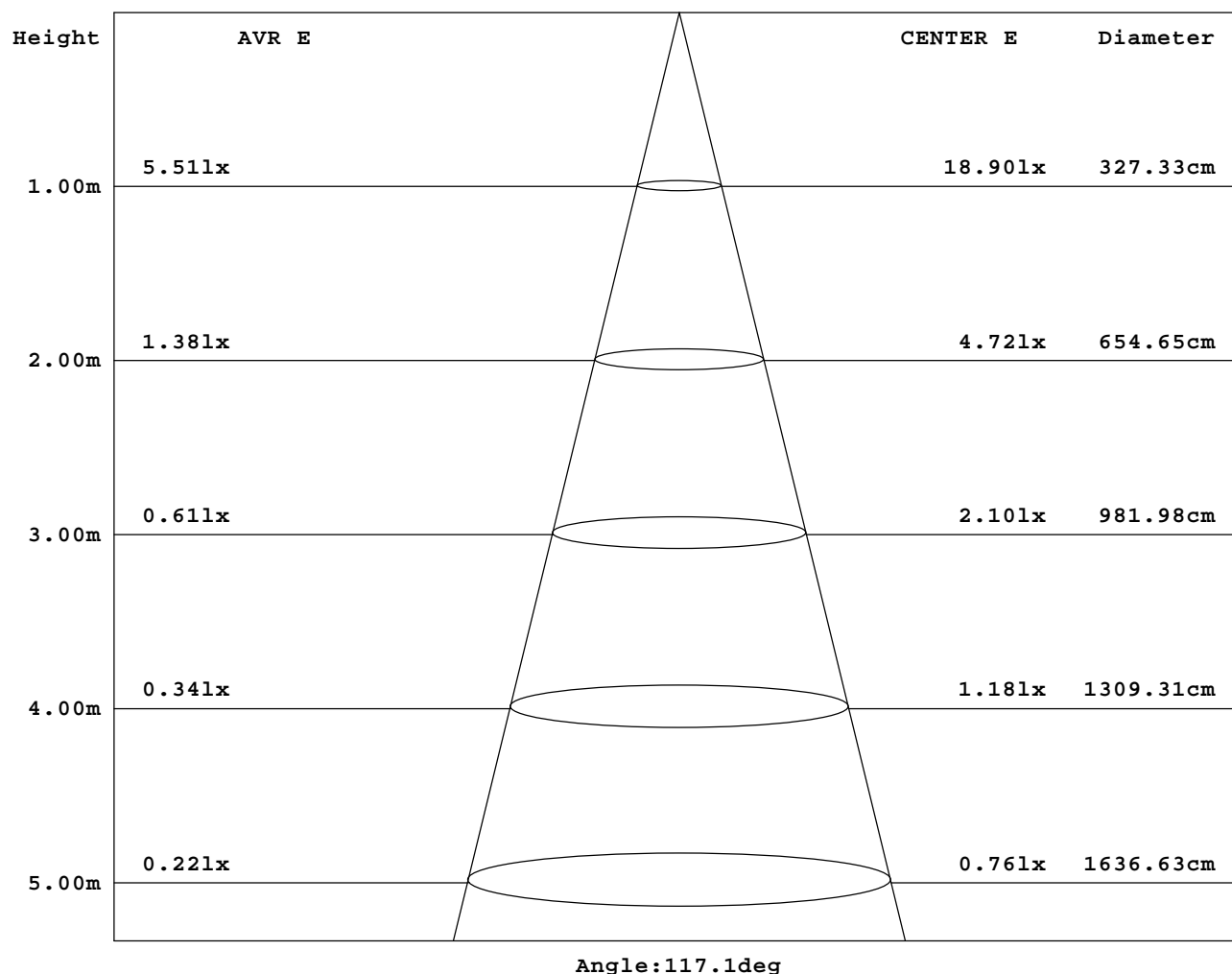
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月30日

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: 47-RS-5050-24-112-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130012



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021年11月30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: 47-RS-5050-24-112-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130012

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tBtal
5.0	19.12	19.05	18.97	18.74	18.58	18.81	18.89	19.12	0- 5	0.453	0.453
10.0	19.20	18.97	18.81	18.43	18.27	18.58	18.74	19.12	5- 10	1.348	1.801
15.0	19.20	18.81	18.58	18.12	17.88	18.35	18.50	19.05	10- 15	2.215	4.016
20.0	19.12	18.58	18.27	17.65	17.50	17.96	18.19	18.89	15- 20	3.036	7.053
25.0	18.89	18.19	17.81	17.11	17.03	17.50	17.81	18.58	20- 25	3.791	10.84
30.0	18.43	17.81	17.26	16.49	16.18	17.03	17.19	18.19	25- 30	4.454	15.29
35.0	17.65	17.19	16.57	15.79	15.25	16.41	16.49	17.57	30- 35	4.997	20.29
40.0	16.57	16.41	15.79	15.02	14.17	15.64	15.64	16.88	35- 40	5.407	25.70
45.0	15.48	15.56	14.94	14.09	12.85	14.79	14.63	16.03	40- 45	5.663	31.36
50.0	14.09	14.48	13.24	13.00	11.38	13.78	12.93	15.02	45- 50	5.724	37.09
55.0	12.39	12.70	12.08	11.69	9.602	12.70	11.53	13.62	50- 55	5.568	42.66
60.0	10.37	10.53	11.07	9.602	7.821	10.76	10.14	11.22	55- 60	5.149	47.80
65.0	8.053	9.060	9.370	8.131	6.040	8.905	8.673	9.447	60- 65	4.525	52.33
70.0	5.730	7.047	7.744	6.427	4.259	7.201	7.047	7.976	65- 70	3.833	56.16
75.0	3.562	5.188	6.117	4.956	2.632	5.730	5.343	6.117	70- 75	3.055	59.22
80.0	1.471	3.484	4.414	3.252	1.393	3.949	3.717	4.491	75- 80	2.173	61.39
85.0	1.239	2.090	2.865	2.090	1.006	2.710	2.168	2.865	80- 85	1.463	62.86
90.0	1.161	1.161	1.703	1.239	1.006	1.703	1.239	1.626	85- 90	0.933	63.79
95.0	1.161	1.006	1.239	1.006	1.084	1.239	0.929	1.239	90- 95	0.656	64.44
100.0	1.161	1.006	1.161	1.006	1.084	1.161	1.006	1.161	95-100	0.597	65.04
105.0	1.161	1.006	1.161	1.006	1.084	1.161	1.006	1.161	100-105	0.585	65.63
110.0	1.161	1.006	1.161	1.006	1.084	1.161	1.006	1.161	105-110	0.572	66.20
115.0	1.161	1.006	1.161	1.006	1.084	1.161	1.006	1.161	110-115	0.553	66.75
120.0	1.161	1.084	1.161	1.006	1.084	1.161	1.006	1.161	115-120	0.532	67.28
125.0	1.161	1.084	1.161	1.006	1.084	1.161	1.006	1.161	120-125	0.511	67.79
130.0	1.161	1.084	1.161	1.084	1.161	1.161	1.006	1.161	125-130	0.488	68.28
135.0	1.161	1.084	1.161	1.084	1.161	1.161	1.084	1.161	130-135	0.457	68.74
140.0	1.161	1.084	1.161	1.084	1.161	1.161	1.084	1.161	135-140	0.419	69.16
145.0	1.161	1.084	1.161	1.084	1.161	1.161	1.084	1.161	140-145	0.378	69.54
150.0	1.161	1.084	1.161	1.084	1.161	1.161	1.084	1.161	145-150	0.334	69.87
155.0	1.161	1.084	1.161	1.084	1.161	1.161	1.084	1.161	150-155	0.287	70.16
160.0	1.161	1.084	1.161	1.084	1.239	1.161	1.084	1.161	155-160	0.238	70.40
165.0	1.161	1.084	1.161	1.084	1.161	1.161	1.084	1.161	160-165	0.187	70.58
170.0	1.161	1.161	1.161	1.084	1.161	1.161	1.084	1.161	165-170	0.135	70.72
175.0	1.161	1.161	1.161	1.084	1.239	1.161	1.084	1.161	170-175	0.082	70.80
180.0	1.161	1.161	1.161	1.161	1.239	1.161	1.161	1.161	175-180	0.028	70.83
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月30日

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

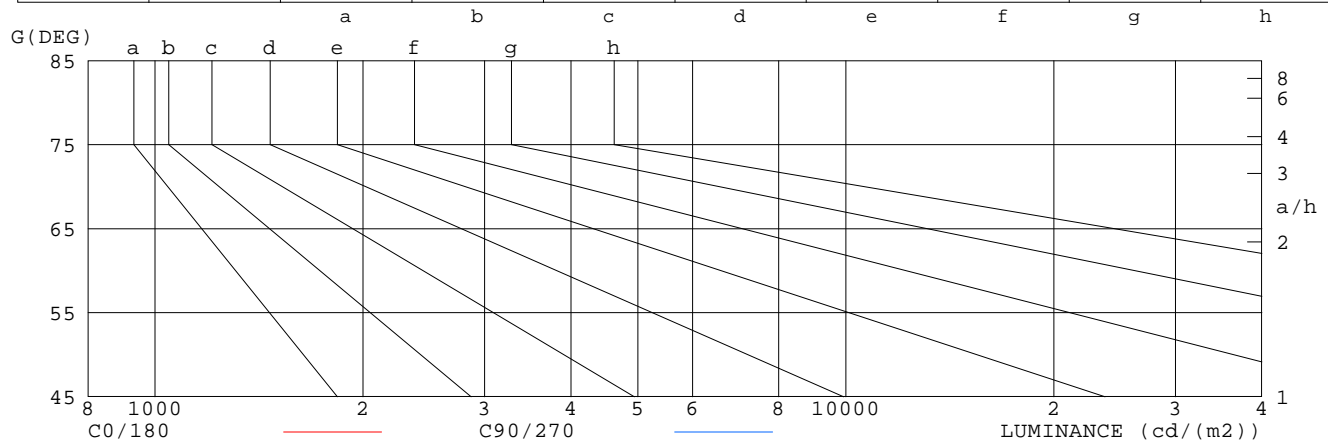
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130012

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(°)	C0/180	C90/270
85	142	329
80	85	254
75	138	236
70	168	226
65	191	222
60	208	221
55	216	211
50	219	206
45	219	211

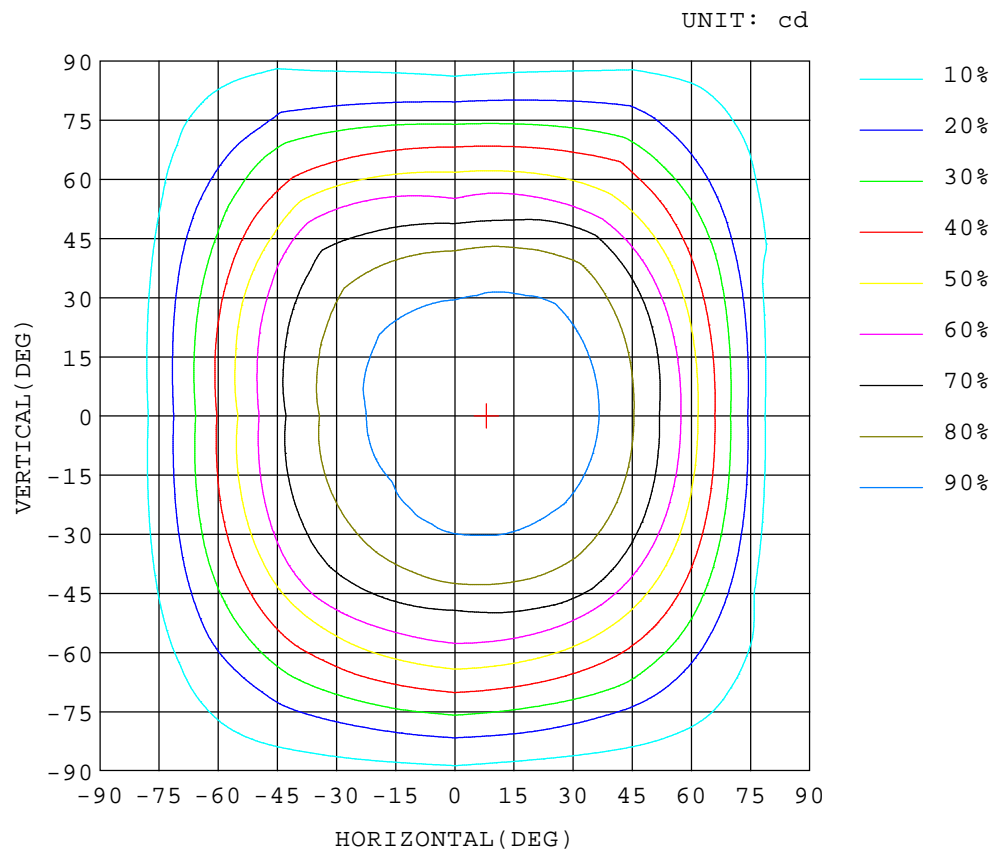
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年11月30日

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: 47-RS-5050-24-112-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130012



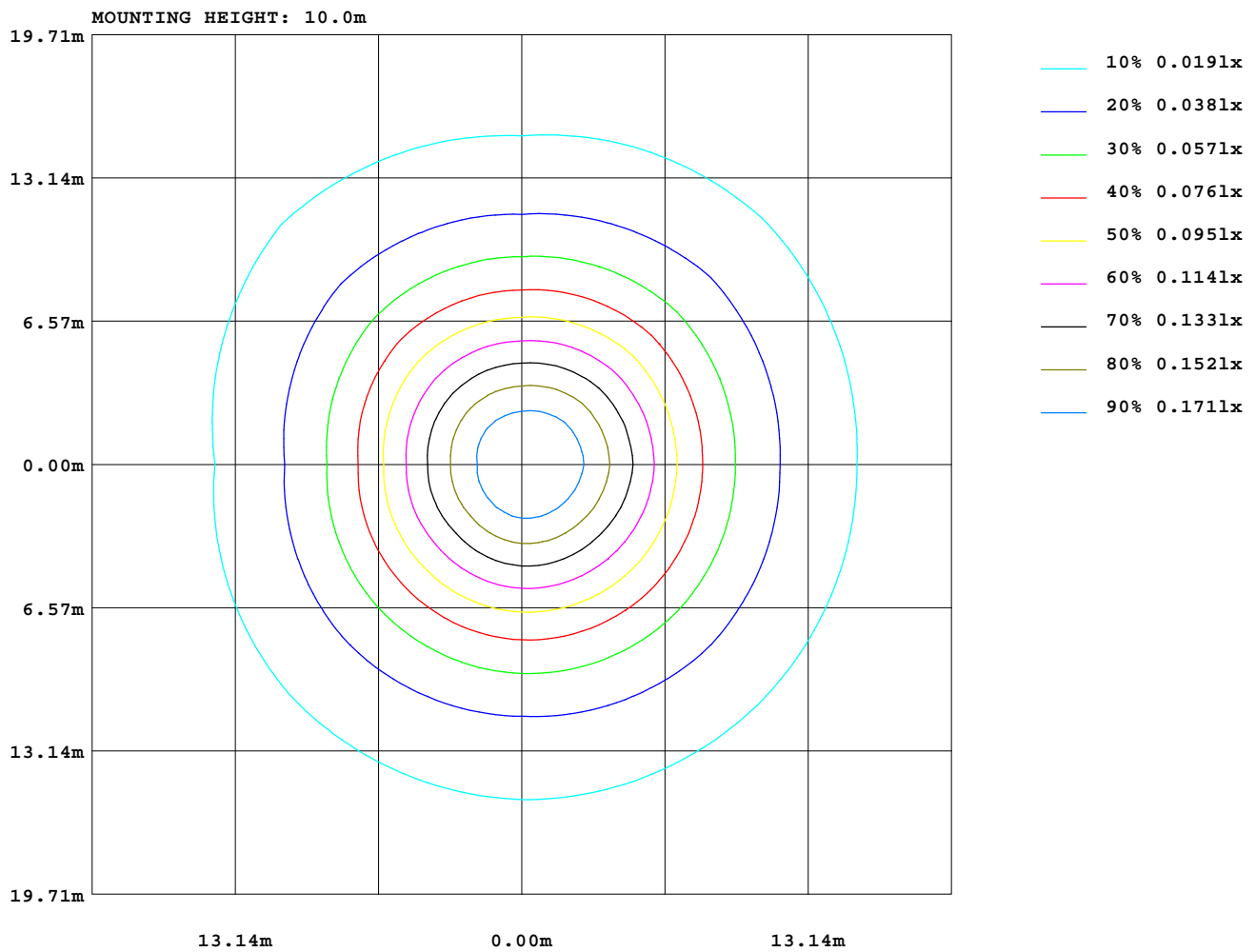
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月30日

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: 47-RS-5050-24-112-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130012



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2021年11月30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: 47-RS-5050-24-112-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130012

VERTICAL(DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	0.00	0.01	0.02	0.03	0.05	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.05	0.04	0.02	0.01	0.00	0.79	0.57	
90																					
80	0.00	0.01	0.03	0.05	0.09	0.12	0.14	0.16	0.16	0.16	0.16	0.15	0.13	0.10	0.06	0.03	0.01	0.00	1.55	1.52	
70	0.00	0.01	0.04	0.08	0.14	0.18	0.22	0.25	0.26	0.26	0.25	0.23	0.20	0.15	0.09	0.04	0.02	0.00	2.42	2.40	
60	0.00	0.02	0.05	0.11	0.18	0.25	0.30	0.34	0.35	0.36	0.35	0.32	0.26	0.19	0.12	0.06	0.02	0.00	3.26	3.25	
50	0.00	0.02	0.06	0.13	0.22	0.31	0.37	0.42	0.44	0.45	0.43	0.40	0.34	0.24	0.15	0.07	0.02	0.00	4.07	4.06	
40	0.00	0.02	0.07	0.15	0.25	0.35	0.42	0.47	0.50	0.50	0.49	0.45	0.38	0.29	0.18	0.09	0.02	0.00	4.63	4.62	
30	0.00	0.02	0.08	0.17	0.27	0.37	0.45	0.50	0.53	0.54	0.53	0.48	0.41	0.31	0.20	0.10	0.03	0.00	4.99	4.98	
	0.00	0.02	0.08	0.17	0.28	0.38	0.46	0.52	0.56	0.57	0.55	0.51	0.43	0.33	0.21	0.10	0.03	0.00	5.20	5.20	
	0.00	0.02	0.08	0.17	0.28	0.38	0.47	0.53	0.57	0.58	0.56	0.52	0.44	0.33	0.22	0.11	0.03	0.00	5.28	5.27	
	0.00	0.02	0.08	0.17	0.28	0.38	0.47	0.53	0.56	0.58	0.56	0.51	0.43	0.33	0.22	0.11	0.03	0.00	5.26	5.25	
	0.00	0.02	0.08	0.17	0.27	0.37	0.46	0.51	0.55	0.56	0.54	0.50	0.42	0.32	0.21	0.10	0.03	0.00	5.13	5.12	
-30	0.00	0.02	0.07	0.16	0.26	0.36	0.44	0.49	0.53	0.54	0.52	0.47	0.40	0.31	0.19	0.09	0.03	0.00	4.89	4.88	
-40	0.00	0.02	0.07	0.14	0.24	0.33	0.41	0.46	0.50	0.50	0.48	0.44	0.37	0.27	0.17	0.08	0.02	0.00	4.51	4.50	
-50	0.00	0.02	0.06	0.12	0.20	0.29	0.36	0.41	0.44	0.45	0.43	0.39	0.32	0.23	0.14	0.07	0.02	0.00	3.94	3.93	
-60	0.00	0.01	0.04	0.10	0.16	0.23	0.29	0.34	0.36	0.37	0.35	0.31	0.25	0.18	0.11	0.05	0.02	0.00	3.17	3.15	
-70	0.00	0.01	0.03	0.07	0.12	0.17	0.22	0.25	0.28	0.28	0.26	0.23	0.18	0.13	0.08	0.04	0.01	0.00	2.36	2.33	
-80	0.00	0.01	0.02	0.04	0.07	0.10	0.14	0.16	0.18	0.18	0.17	0.14	0.11	0.08	0.05	0.03	0.01	0.00	1.49	1.44	
-90	0.00	0.01	0.02	0.03	0.04	0.05	0.07	0.08	0.09	0.09	0.08	0.07	0.05	0.04	0.03	0.02	0.01	0.00	0.75	0.51	
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90	
Φ t	0.05	0.31	0.98	2.05	3.39	4.68	5.73	6.49	6.93	7.04	6.79	6.17	5.18	3.87	2.44	1.19	0.37	0.07	71		
Φ a	0.00	0.20	0.92	2.01	3.36	4.65	5.70	6.46	6.91	7.01	6.76	6.14	5.15	3.84	2.41	1.14	0.29	0.00		63	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月30日

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

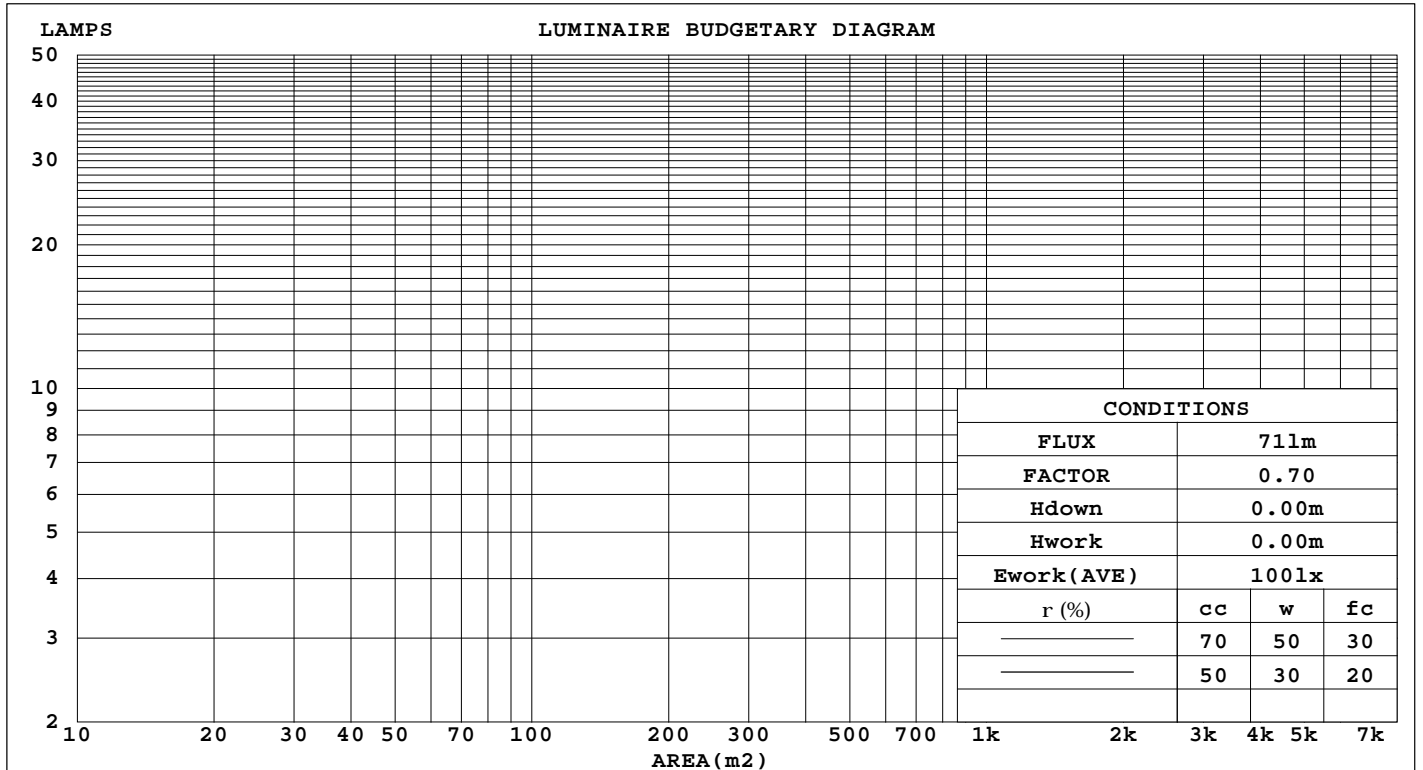
GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:											
Address:											
NAME: 47-RS-5050-24-112-12-X-Y B						TYPE: LED Strip				WEIGHT:	
SPECIFICATION: 5050 112D				CCT(K): 0		DIMENSION: 1M*0.012M				SERIAL No.: 20211130012	

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	1.17	1.17	1.17	1.13	1.13	1.13	1.06	1.06	1.06	.99	.99	.99	.93	.93	.93	.90
1.0	1.00	.96	.92	.97	.93	.89	.91	.88	.85	.85	.83	.80	.80	.78	.76	.73
2.0	.87	.80	.74	.84	.77	.72	.79	.73	.69	.74	.70	.66	.70	.66	.63	.60
3.0	.76	.67	.60	.73	.66	.59	.69	.62	.57	.65	.59	.55	.61	.56	.53	.50
4.0	.67	.58	.51	.65	.56	.50	.61	.54	.48	.57	.51	.46	.54	.49	.45	.42
5.0	.59	.50	.43	.58	.49	.43	.54	.47	.41	.51	.45	.40	.48	.43	.39	.36
6.0	.53	.44	.37	.52	.43	.37	.49	.41	.36	.46	.40	.35	.44	.38	.34	.31
7.0	.48	.39	.33	.47	.38	.32	.44	.37	.31	.42	.35	.31	.40	.34	.30	.27
8.0	.44	.35	.29	.42	.34	.29	.40	.33	.28	.38	.32	.27	.36	.31	.26	.24
9.0	.40	.32	.26	.39	.31	.26	.37	.30	.25	.35	.29	.24	.34	.28	.24	.22
10.0	.37	.29	.23	.36	.28	.23	.34	.27	.23	.33	.26	.22	.31	.25	.21	.20



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月30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: 47-RS-5050-24-112-12-X-Y B						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050 112D			CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211130012		

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	.332	.189	.060	.321	.183	.058	.302	.174	.055	.285	.164	.053	.269	.156	.050	
2.0	.304	.167	.051	.295	.162	.050	.278	.155	.048	.262	.147	.046	.248	.140	.044	
3.0	.278	.148	.044	.270	.144	.043	.254	.138	.042	.240	.132	.040	.227	.126	.039	
4.0	.255	.132	.039	.247	.129	.038	.234	.124	.037	.221	.119	.036	.209	.113	.035	
5.0	.234	.119	.035	.228	.117	.034	.215	.112	.033	.204	.107	.032	.193	.103	.031	
6.0	.216	.109	.031	.211	.106	.031	.199	.102	.030	.189	.098	.029	.179	.094	.028	
7.0	.201	.099	.028	.196	.097	.028	.185	.094	.027	.176	.090	.026	.167	.087	.025	
8.0	.187	.091	.026	.182	.090	.025	.173	.086	.025	.164	.083	.024	.156	.080	.023	
9.0	.175	.085	.024	.171	.083	.023	.162	.080	.023	.154	.077	.022	.146	.074	.021	
10.0	.164	.079	.022	.160	.077	.022	.152	.075	.021	.145	.072	.020	.138	.069	.020	

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	.266	.266	.266	.227	.227	.227	.155	.155	.155	.089	.089	.089	.029	.029	.029	
1.0	.258	.232	.209	.221	.199	.180	.151	.137	.124	.087	.079	.072	.028	.026	.023	
2.0	.251	.209	.173	.215	.180	.150	.147	.124	.105	.085	.072	.061	.027	.023	.020	
3.0	.243	.192	.150	.209	.165	.130	.143	.115	.091	.083	.067	.054	.027	.022	.018	
4.0	.236	.179	.135	.202	.154	.117	.139	.108	.083	.080	.063	.049	.026	.021	.016	
5.0	.228	.169	.124	.196	.146	.108	.135	.102	.076	.078	.060	.045	.025	.020	.015	
6.0	.221	.160	.117	.190	.139	.102	.131	.097	.072	.076	.057	.043	.025	.019	.014	
7.0	.215	.154	.111	.185	.133	.097	.127	.093	.069	.074	.055	.041	.024	.018	.014	
8.0	.208	.148	.107	.179	.128	.093	.124	.090	.066	.072	.053	.039	.023	.017	.013	
9.0	.202	.143	.104	.174	.124	.090	.121	.087	.064	.070	.052	.038	.023	.017	.013	
10.0	.196	.139	.101	.169	.121	.088	.117	.085	.063	.068	.050	.037	.022	.017	.012	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月30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: 47-RS-5050-24-112-12-X-Y B					TYPE: LED Strip			WEIGHT:			
SPECIFICATION: 5050 112D		CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211130012			
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	7.2	8.6	7.6	9.0	9.4	7.3	8.7	7.7	9.1	9.5	
3H	8.5	9.9	9.0	10.3	10.7	9.1	10.4	9.6	10.8	11.3	
4H	9.0	10.2	9.4	10.6	11.1	10.0	11.2	10.4	11.6	12.1	
6H	9.1	10.3	9.6	10.8	11.2	10.7	11.9	11.2	12.4	12.8	
8H	9.2	10.3	9.7	10.8	11.3	11.1	12.2	11.6	12.7	13.2	
12H	9.3	10.4	9.8	10.8	11.4	11.4	12.5	11.9	13.0	13.5	
4H 2H	7.8	9.1	8.3	9.5	9.9	7.9	9.1	8.3	9.6	10.0	
3H	9.4	10.5	9.9	10.9	11.5	9.9	11.0	10.4	11.5	12.0	
4H	10.0	10.9	10.5	11.4	12.0	10.9	11.9	11.4	12.4	12.9	
6H	10.2	11.1	10.8	11.6	12.2	11.8	12.7	12.4	13.2	13.8	
8H	10.4	11.2	10.9	11.7	12.3	12.2	13.0	12.8	13.6	14.2	
12H	10.5	11.3	11.1	11.8	12.4	12.7	13.4	13.2	14.0	14.6	
8H 4H	10.3	11.1	10.9	11.7	12.3	11.1	12.0	11.7	12.5	13.1	
6H	10.8	11.5	11.4	12.1	12.7	12.2	12.9	12.8	13.5	14.1	
8H	11.0	11.6	11.6	12.2	12.9	12.8	13.4	13.4	14.0	14.6	
12H	11.3	11.8	11.9	12.4	13.1	13.4	13.9	14.0	14.5	15.2	
12H 4H	10.4	11.1	10.9	11.7	12.3	11.1	11.9	11.7	12.4	13.1	
6H	10.9	11.5	11.5	12.1	12.8	12.3	12.9	12.9	13.5	14.2	
8H	11.3	11.8	11.9	12.4	13.1	12.9	13.4	13.5	14.0	14.7	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.3 / - 0.4					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.1 / - 0.3					

CIE Pub.117 Corrected 70.83 lm Total Lamp Luminous Flux.(8log(F/F0) = -9.2)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月30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: 47-RS-5050-24-112-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130012

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) $k(RI) \times RCR = 5$									
$k = 0.60$	52	40	33	51	40	33	50	39	33	26
0.80	62	50	42	61	49	42	58	48	41	34
1.00	71	59	51	69	58	50	66	59	49	41
1.25	78	66	59	76	65	58	72	63	57	48
1.50	83	72	64	81	71	64	76	68	62	53
2.00	90	81	73	87	79	72	83	75	70	60
2.50	94	86	79	91	84	77	86	80	74	64
3.00	98	90	84	95	88	82	89	84	79	68
4.00	102	96	90	99	93	88	93	88	84	72
5.00	105	99	94	101	96	92	95	91	88	75
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

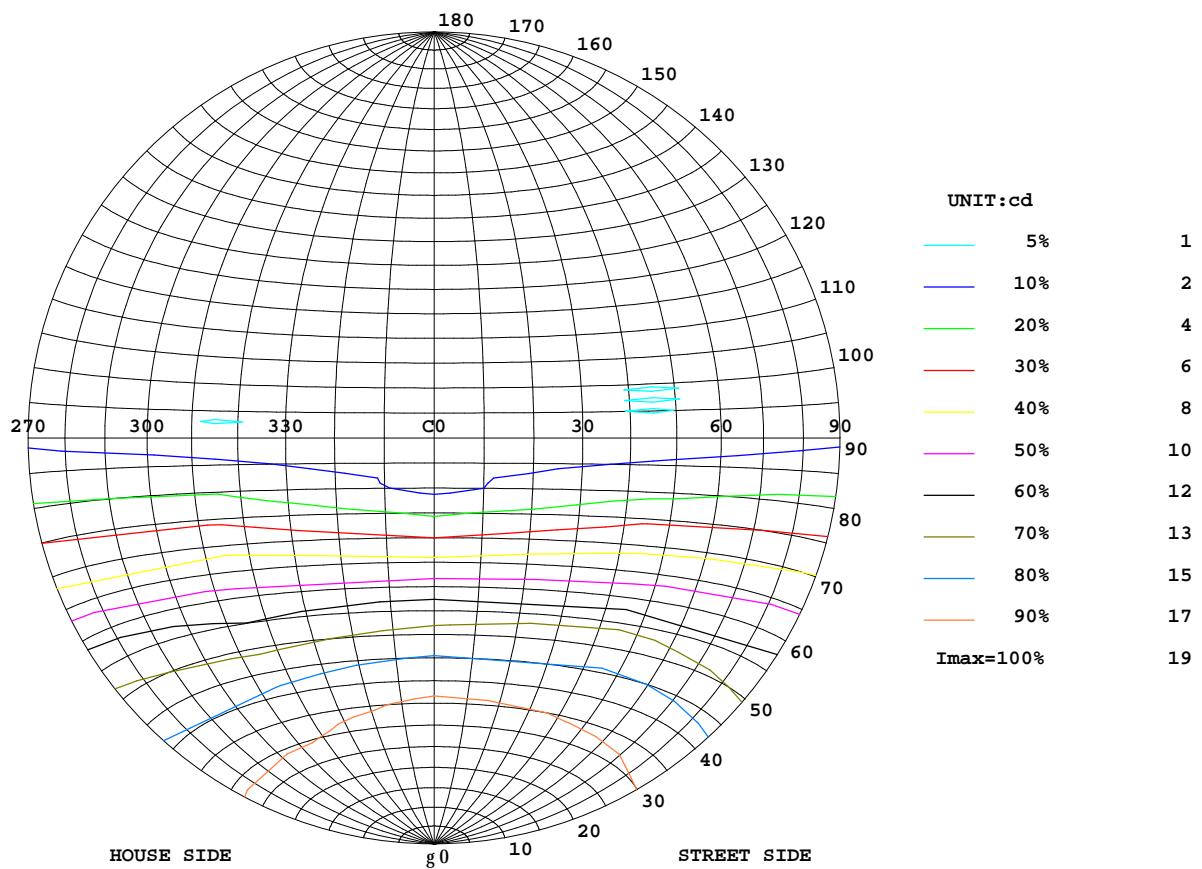
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月30日

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: 47-RS-5050-24-112-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130012



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月30日

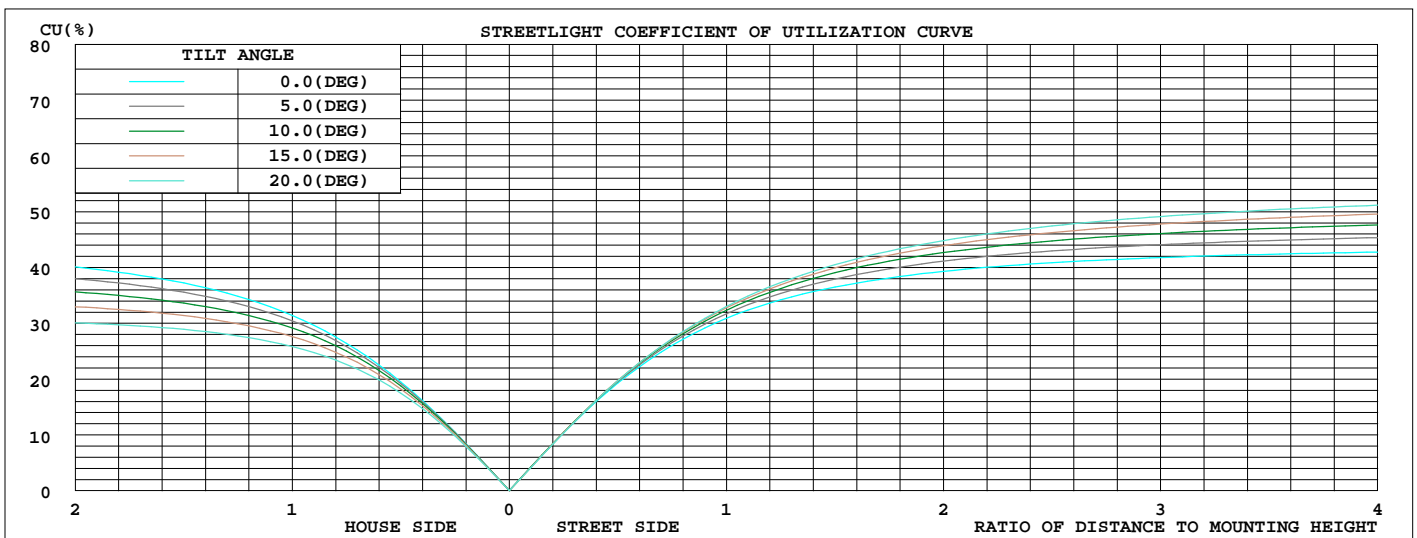
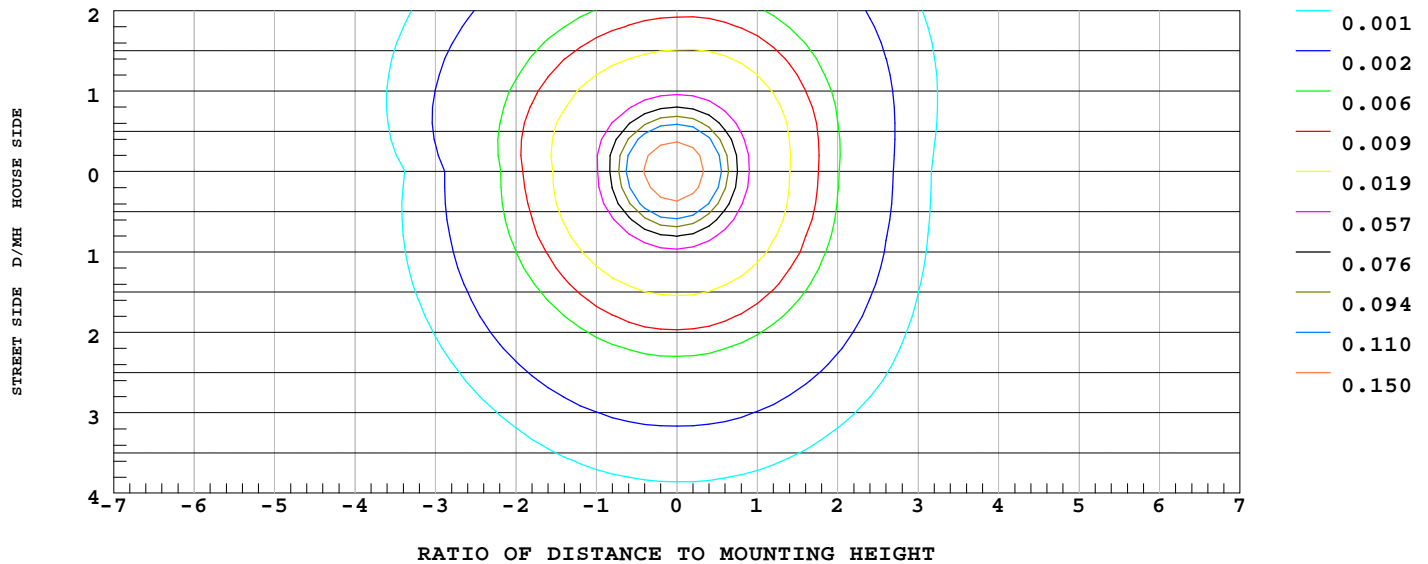
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130012

ILLUMINANCE AT MH=10 m, Enadir = 0.19 lx



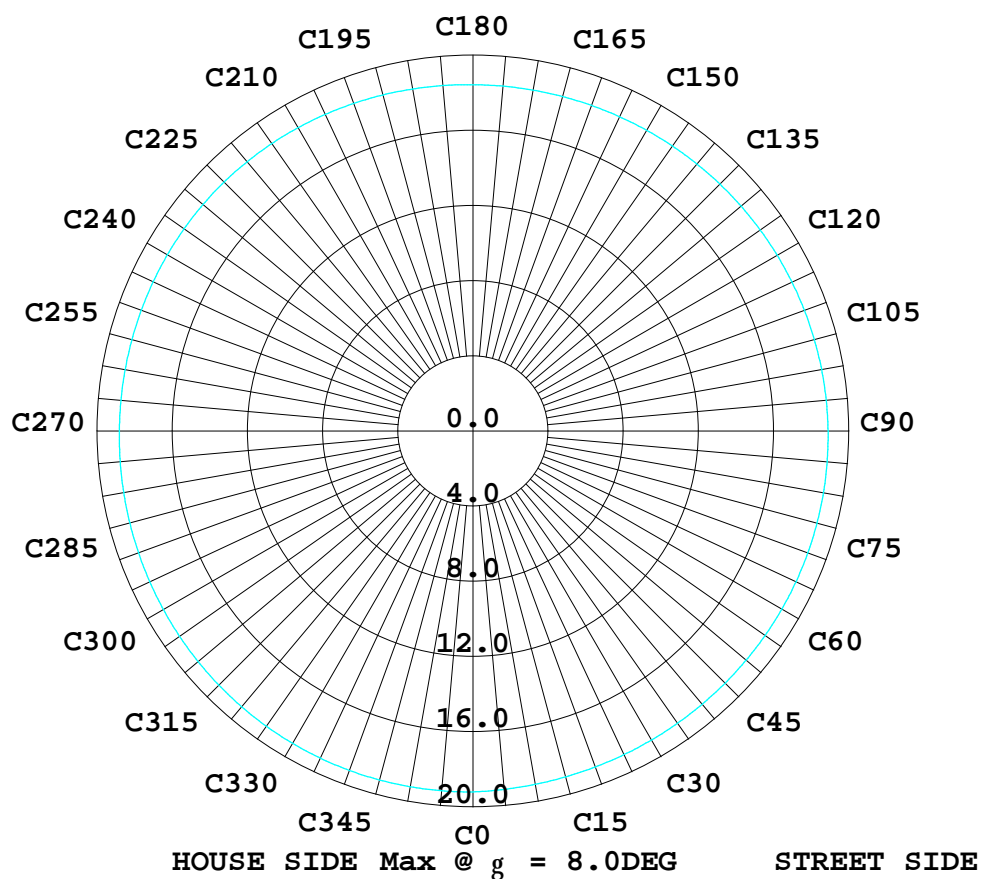
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月30日

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: 47-RS-5050-24-112-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130012



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2021年11月30日

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