

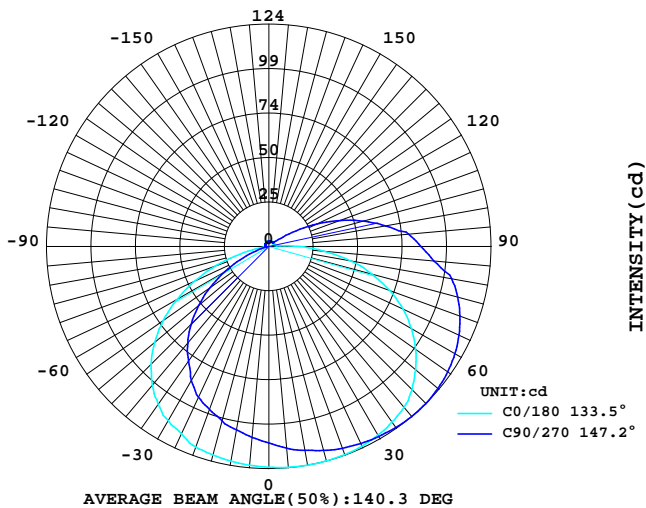
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

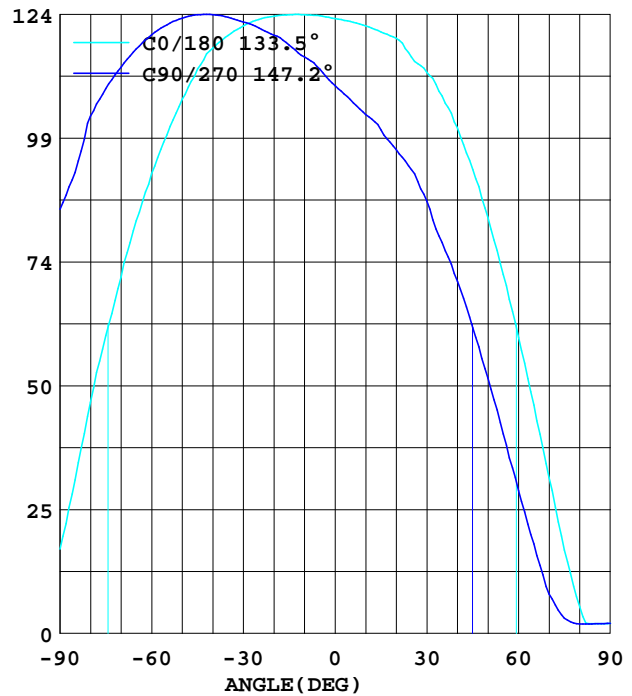
MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130011

DATA OF LAMP		Imax(cd)	123.8	S/MH(C0/180)	1.49
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.70
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	504.01	Voltage(V)	24.01
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	146.9	Current(A)	0.142
NOMINAL FLUX(lm)	504.0	h up(%)	12.0	Power(W)	3.430
LAMPS QUANTITY	1	h down(%)	88.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	483.1	EEL	0.080

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 G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130011

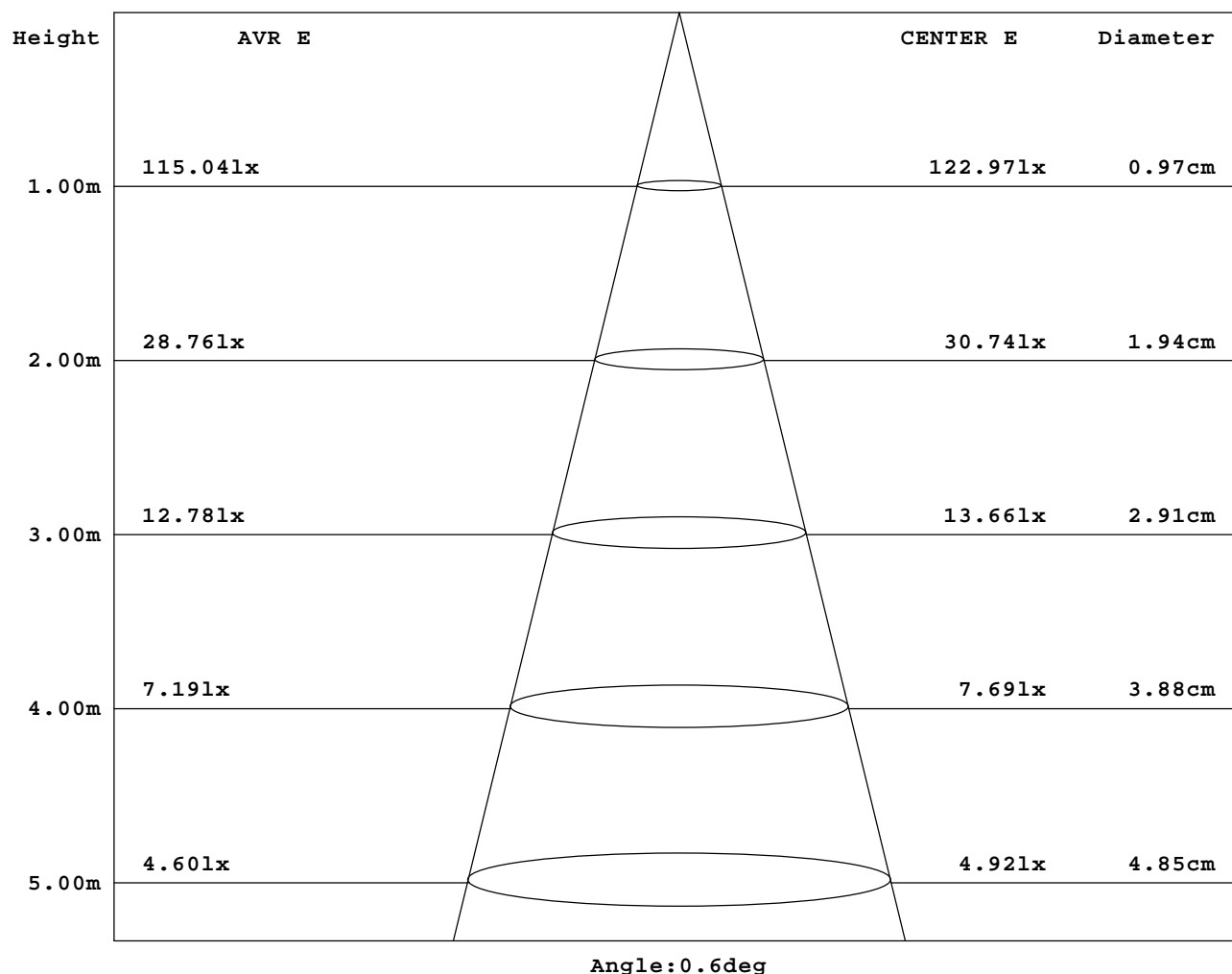
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月30日

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130011



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 G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130011

g	C0	C45	C90	C135	C180	C225	C270	C315	g	4one	t5tal
5.0	123.5	122.5	112.8	110.7	122.3	120.2	106.7	100.8	0- 5	2.750	2.750
10.0	123.7	123.2	115.3	114.5	121.5	118.3	103.7	94.24	5- 10	8.203	10.95
15.0	123.7	123.3	117.6	117.3	120.2	115.6	100.6	86.81	10- 15	13.50	24.45
20.0	123.4	123.1	119.6	119.7	119.0	112.3	96.72	77.90	15- 20	18.52	42.97
25.0	122.7	122.3	121.1	121.4	115.3	108.0	92.77	62.33	20- 25	23.05	66.02
30.0	121.5	120.9	122.2	122.5	112.2	102.8	86.50	50.72	25- 30	26.99	93.02
35.0	119.5	118.8	123.2	123.2	107.4	96.72	78.13	41.27	30- 35	30.31	123.3
40.0	117.0	116.1	123.7	123.5	101.0	88.97	70.39	29.34	35- 40	32.96	156.3
45.0	112.9	112.9	123.7	123.4	92.77	74.96	61.10	19.82	40- 45	34.59	190.8
50.0	106.8	108.7	123.0	122.8	83.24	62.26	51.11	10.76	45- 50	35.09	225.9
55.0	99.66	103.6	121.6	121.7	71.78	49.79	39.88	4.956	50- 55	34.79	260.7
60.0	91.92	97.88	119.7	120.1	59.16	39.88	28.49	3.484	55- 60	33.97	294.7
65.0	82.55	90.37	116.8	117.6	45.68	26.32	17.88	3.329	60- 65	32.19	326.9
70.0	71.32	78.75	113.2	114.1	31.20	16.49	7.898	3.329	65- 70	29.75	356.7
75.0	59.55	64.58	108.9	109.8	16.64	7.511	3.020	3.252	70- 75	26.40	383.1
80.0	46.23	54.28	103.4	104.3	5.343	3.717	1.858	3.175	75- 80	23.19	406.3
85.0	30.66	41.43	92.15	97.49	1.936	3.407	1.936	3.175	80- 85	20.16	426.4
90.0	16.88	29.04	84.79	88.43	2.013	3.329	2.013	3.175	85- 90	17.23	443.7
95.0	4.646	17.81	78.29	72.40	2.013	3.252	2.090	3.175	90- 95	14.07	457.7
100.0	3.717	8.518	66.05	61.48	2.168	3.252	2.168	3.175	95-100	11.37	469.1
105.0	3.252	2.942	55.05	48.78	2.245	3.175	2.245	3.252	100-105	9.058	478.2
110.0	3.097	1.936	42.59	37.32	2.323	3.175	2.323	3.252	105-110	7.058	485.2
115.0	3.020	1.936	29.58	23.69	2.400	3.175	2.400	3.252	110-115	5.198	490.4
120.0	3.020	2.013	17.73	13.93	2.478	3.175	2.478	3.252	115-120	3.584	494.0
125.0	3.020	2.090	8.053	4.878	2.555	3.175	2.555	3.175	120-125	2.201	496.2
130.0	3.020	2.245	3.639	2.013	2.710	3.252	2.632	3.252	125-130	1.371	497.6
135.0	3.020	2.245	3.175	1.936	2.710	3.252	2.710	3.175	130-135	1.126	498.7
140.0	3.020	2.323	3.097	2.013	2.865	3.252	2.710	3.175	135-140	1.032	499.7
145.0	3.097	2.478	3.020	2.090	2.942	3.252	2.787	3.175	140-145	0.941	500.7
150.0	3.097	2.555	2.942	2.168	2.942	3.252	2.787	3.097	145-150	0.838	501.5
155.0	3.097	2.632	2.942	2.168	3.020	3.252	2.865	3.020	150-155	0.726	502.3
160.0	3.175	2.710	2.942	2.245	3.097	3.175	2.865	3.020	155-160	0.606	502.9
165.0	3.175	2.710	2.942	2.323	3.097	3.175	2.865	2.942	160-165	0.479	503.3
170.0	3.175	2.787	3.020	2.400	3.175	3.175	2.865	2.865	165-170	0.347	503.7
175.0	3.252	2.787	3.020	2.478	3.175	3.097	2.865	2.787	170-175	0.210	503.9
180.0	3.175	2.942	3.020	2.632	3.329	3.020	2.787	2.710	175-180	0.070	504.0
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:

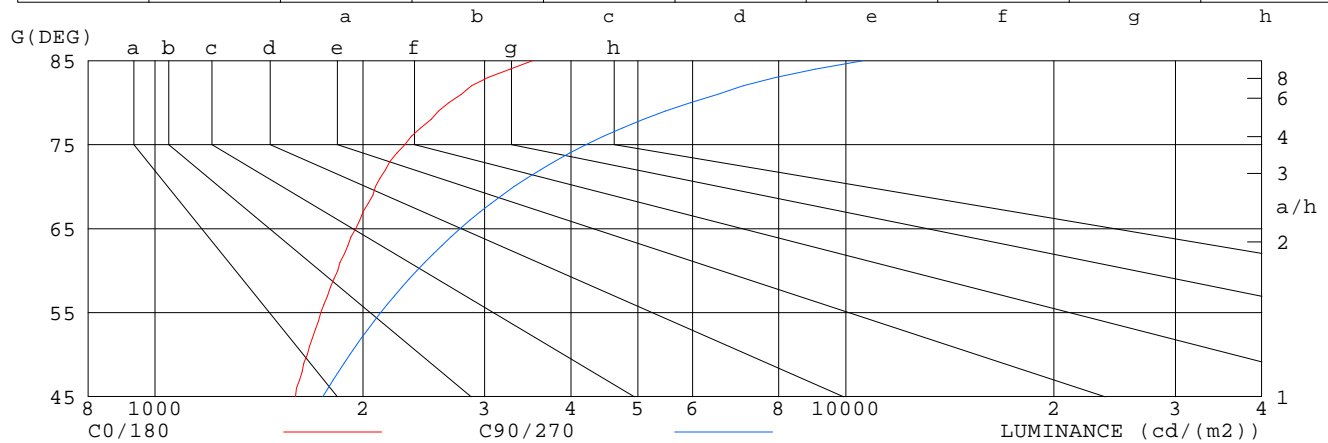
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130011

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	3519	10573
80	2662	5958
75	2301	4210
70	2085	3310
65	1953	2765
60	1838	2394
55	1738	2121
50	1663	1914
45	1597	1750

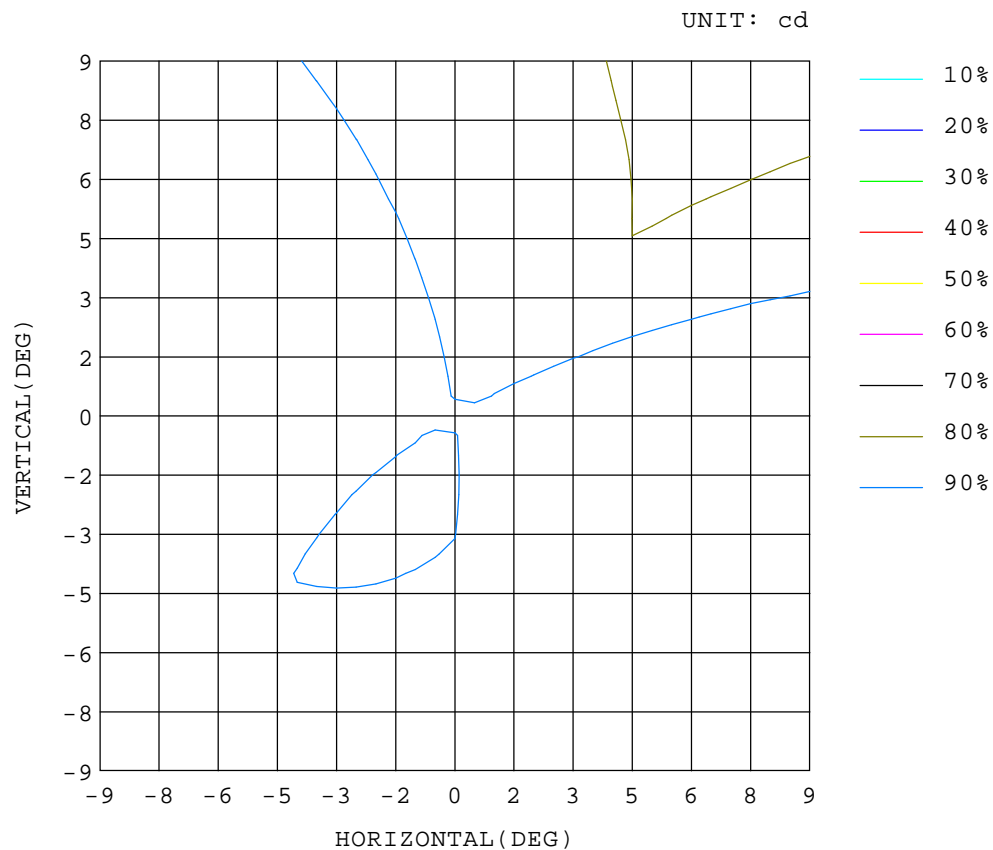
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年11月30日

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 G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130011



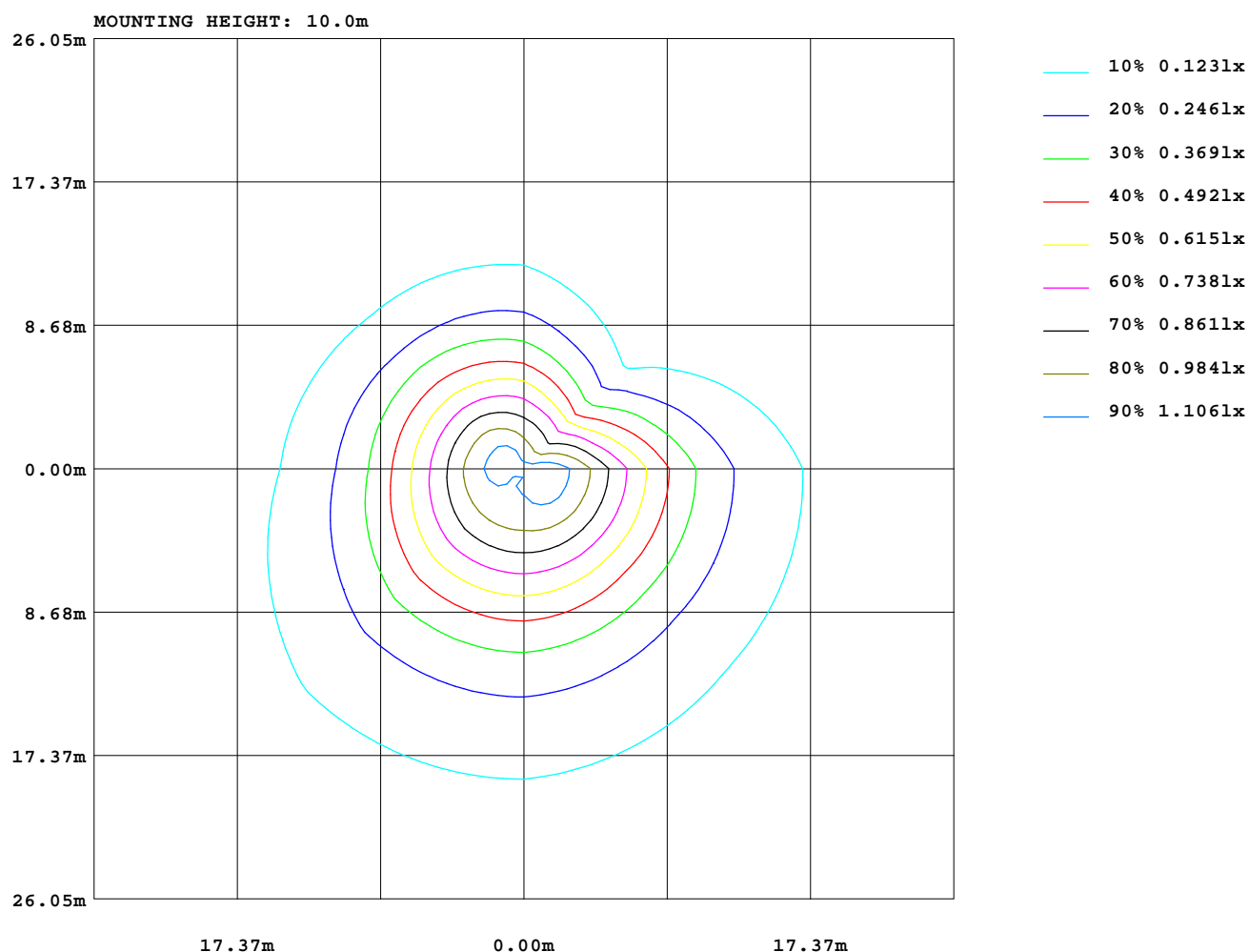
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月30日

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 G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130011



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 G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130011

		AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a														
VERTICAL (DEG)	9																																		
	8	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.57	0.57														
	7	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.58	0.58														
	6	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.59	0.59														
	5	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.59	0.59														
	4	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.60	0.60														
	3	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.61	0.61														
		0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.62	0.62														
		0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.64	0.64													
		0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.66	0.66													
		0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.66	0.66													
		0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.65	0.65													
	-3	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.64	0.64													
	-4	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.64	0.64													
	-5	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.64	0.64													
	-6	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.64	0.64													
-7	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.64	0.64														
-8	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.64	0.64														
-9	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.64	0.64														
		-9	-8	-7	-6	-5	-4	-3	-2	HORIZONTAL (DEG)																2	3	4	5	6	7	8	9		
Φ t		0.64	0.64	0.64	0.64	0.64	0.63	0.63	0.62	0.61	0.61	0.61	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	504														
Φ a		0.64	0.64	0.64	0.64	0.64	0.63	0.63	0.62	0.61	0.61	0.61	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62		483													

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:

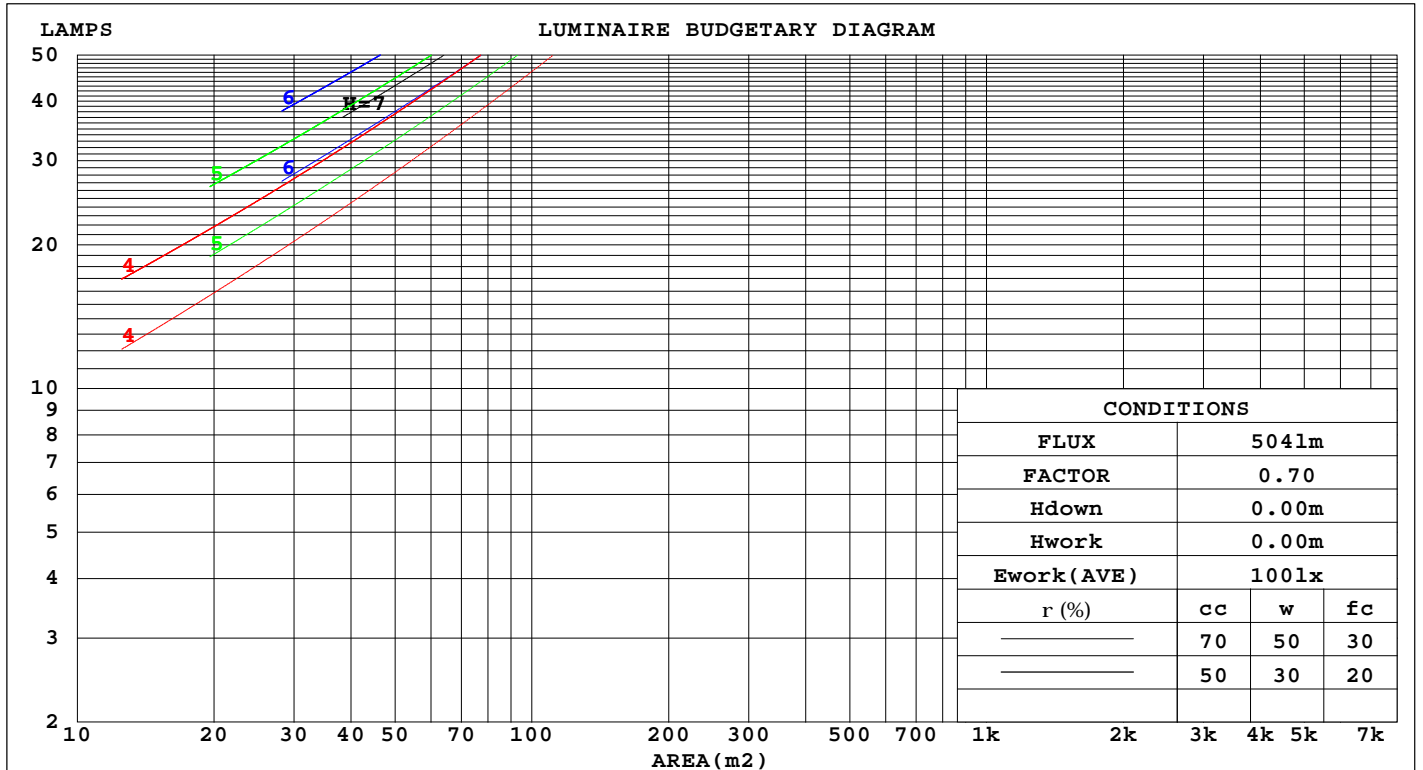
GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130011

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	1.16	1.16	1.16	1.12	1.12	1.12	1.04	1.04	1.04	.97	.97	.97	.91	.91	.91	.88
1.0	.97	.92	.87	.93	.89	.84	.87	.83	.79	.81	.78	.75	.75	.73	.70	.67
2.0	.83	.75	.68	.80	.73	.67	.74	.68	.63	.69	.64	.60	.64	.60	.57	.54
3.0	.72	.63	.55	.69	.61	.54	.65	.57	.52	.60	.54	.49	.56	.51	.47	.44
4.0	.63	.53	.46	.61	.52	.45	.57	.49	.43	.53	.47	.41	.49	.44	.40	.37
5.0	.56	.46	.39	.54	.45	.38	.51	.43	.37	.47	.41	.35	.44	.38	.34	.31
6.0	.50	.41	.34	.48	.40	.33	.45	.38	.32	.43	.36	.31	.40	.34	.29	.27
7.0	.45	.36	.30	.44	.35	.29	.41	.33	.28	.39	.32	.27	.36	.30	.26	.24
8.0	.41	.32	.26	.40	.31	.26	.37	.30	.25	.35	.29	.24	.33	.27	.23	.21
9.0	.38	.29	.23	.36	.28	.23	.34	.27	.22	.32	.26	.21	.31	.25	.21	.19
10.0	.35	.26	.21	.34	.26	.21	.32	.25	.20	.30	.24	.19	.28	.23	.19	.17



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 G						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050 112D				CCT(K): 0		DIMENSION: 1M*0.012M			SERIAL No.: 20211130011		

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	.387	.220	.070	.376	.215	.068	.356	.204	.065	.337	.194	.062	.320	.185	.060		
2.0	.337	.184	.057	.327	.180	.055	.308	.171	.053	.291	.163	.051	.276	.156	.049		
3.0	.300	.159	.048	.291	.156	.047	.274	.149	.045	.259	.142	.044	.245	.135	.042		
4.0	.270	.140	.041	.262	.137	.041	.247	.131	.039	.233	.125	.038	.220	.120	.036		
5.0	.245	.125	.036	.238	.122	.036	.225	.117	.034	.212	.112	.033	.200	.107	.032		
6.0	.225	.113	.032	.218	.110	.032	.206	.106	.031	.195	.101	.030	.184	.097	.029		
7.0	.207	.102	.029	.201	.100	.029	.190	.096	.028	.180	.092	.027	.170	.088	.026		
8.0	.192	.094	.026	.187	.092	.026	.177	.088	.025	.167	.085	.024	.158	.081	.024		
9.0	.179	.087	.024	.174	.085	.024	.165	.082	.023	.156	.078	.022	.148	.075	.022		
10.0	.168	.080	.022	.163	.079	.022	.155	.076	.021	.147	.073	.021	.139	.070	.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	
r fc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)										
0.0	.282	.282	.282	.241	.241	.241	.164	.164	.164	.094	.094	.094	.030	.030	.030		
1.0	.278	.247	.220	.238	.212	.189	.162	.146	.131	.094	.085	.076	.030	.027	.025		
2.0	.271	.224	.185	.232	.193	.160	.159	.134	.112	.092	.078	.065	.029	.025	.021		
3.0	.263	.208	.163	.226	.179	.141	.155	.124	.099	.089	.073	.058	.029	.024	.019		
4.0	.255	.195	.149	.219	.168	.129	.151	.117	.091	.087	.069	.054	.028	.022	.018		
5.0	.248	.185	.139	.213	.160	.121	.146	.112	.085	.085	.066	.051	.027	.021	.017		
6.0	.240	.177	.132	.206	.153	.115	.142	.107	.081	.083	.063	.048	.027	.021	.016		
7.0	.233	.170	.126	.200	.148	.110	.138	.103	.078	.080	.061	.046	.026	.020	.015		
8.0	.226	.165	.122	.195	.143	.107	.135	.100	.076	.078	.059	.045	.025	.019	.015		
9.0	.220	.160	.119	.189	.139	.104	.131	.097	.074	.076	.058	.044	.025	.019	.015		
10.0	.214	.156	.117	.184	.135	.102	.128	.095	.072	.075	.056	.043	.024	.018	.014		

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 G					TYPE: LED Strip			WEIGHT:			
SPECIFICATION: 5050 112D		CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211130011			
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	15.1	16.6	15.6	17.0	17.5	16.1	17.6	16.6	18.0	18.5	
	17.4	18.8	17.9	19.2	19.7	19.1	20.5	19.6	20.9	21.4	
	18.5	19.8	19.0	20.2	20.7	20.8	22.1	21.3	22.5	23.1	
	19.5	20.7	20.0	21.2	21.8	22.6	23.9	23.2	24.4	24.9	
	20.0	21.2	20.5	21.7	22.2	23.6	24.8	24.2	25.3	25.9	
	20.4	21.6	21.0	22.1	22.6	24.7	25.9	25.3	26.4	27.0	
4H	2H	16.1	17.4	16.6	17.8	18.4	16.8	18.1	17.3	18.6	
	3H	18.5	19.6	19.0	20.1	20.7	19.9	21.1	20.5	21.6	
	4H	19.7	20.7	20.2	21.3	21.9	21.7	22.8	22.3	23.3	
	6H	20.9	21.8	21.5	22.4	23.0	23.8	24.7	24.3	25.3	
	8H	21.5	22.3	22.0	22.9	23.6	24.9	25.7	25.5	26.3	
	12H	22.0	22.8	22.6	23.4	24.1	26.1	26.9	26.7	27.5	
8H	4H	20.3	21.2	20.9	21.7	22.4	22.0	22.9	22.6	23.5	
	6H	21.7	22.5	22.4	23.1	23.8	24.3	25.0	24.9	25.6	
	8H	22.5	23.1	23.1	23.8	24.5	25.6	26.2	26.2	26.9	
	12H	23.2	23.8	23.9	24.4	25.2	27.1	27.6	27.7	28.3	
12H	4H	20.5	21.3	21.1	21.9	22.6	22.0	22.8	22.6	23.4	
	6H	22.0	22.7	22.7	23.3	24.0	24.4	25.0	25.0	25.7	
	8H	22.9	23.4	23.5	24.1	24.8	25.7	26.3	26.4	27.0	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 504.0 lm Total Lamp Luminous Flux.(8log(F/F0) = -2.4)

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 G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130011

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) $k(RI) \times RCR = 5$									
$k = 0.60$	49	37	29	48	36	29	47	36	29	22
0.80	59	46	38	57	45	37	55	44	37	29
1.00	66	54	45	65	53	45	62	54	44	36
1.25	73	61	52	71	60	52	68	58	51	42
1.50	79	66	58	76	65	57	72	63	56	46
2.00	86	75	67	83	73	66	78	70	63	53
2.50	90	80	72	87	78	71	82	74	68	57
3.00	94	85	78	91	83	76	85	78	73	61
4.00	99	91	84	95	88	82	89	83	78	66
5.00	102	95	89	98	92	87	92	87	82	69
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

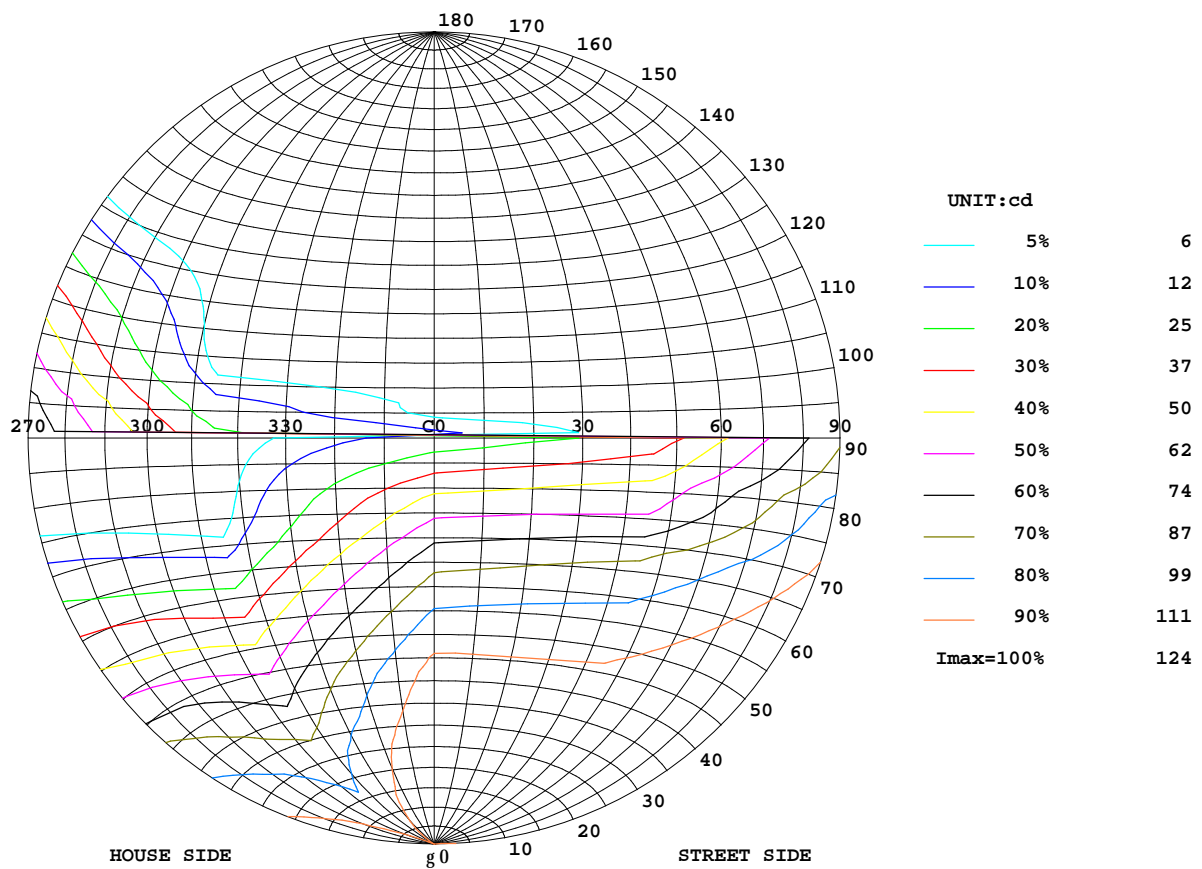
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月30日

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 G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130011



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

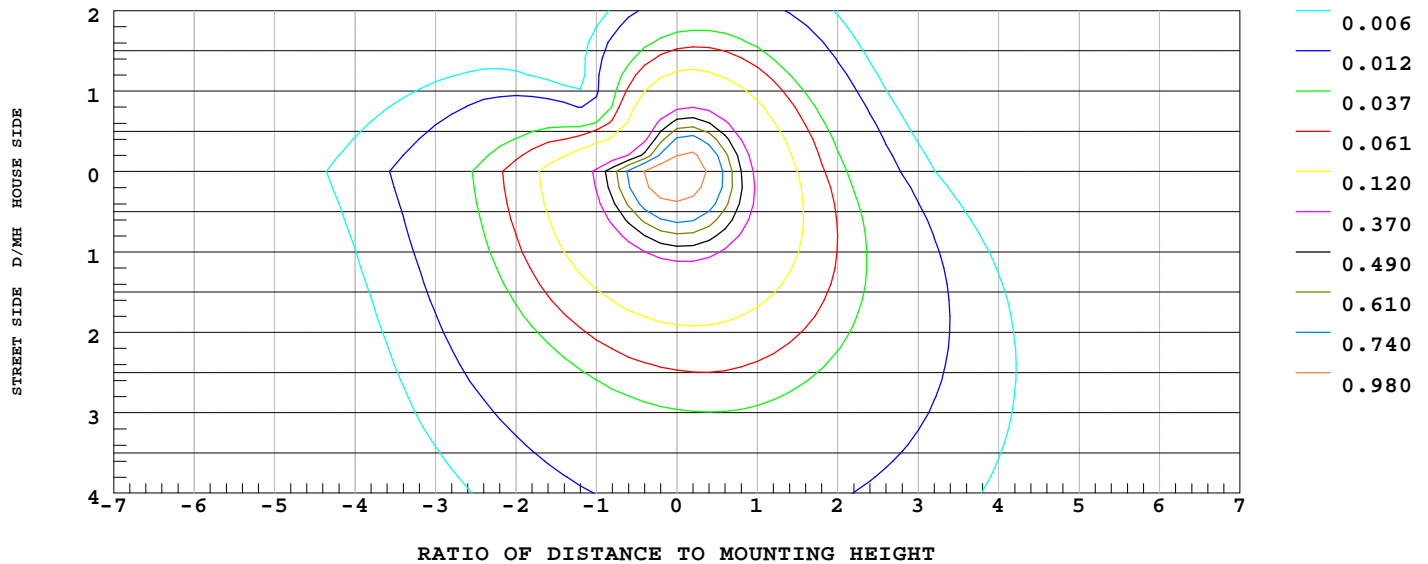
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130011

ILLUMINANCE AT MH=10 m, Enadir = 1.23 lx



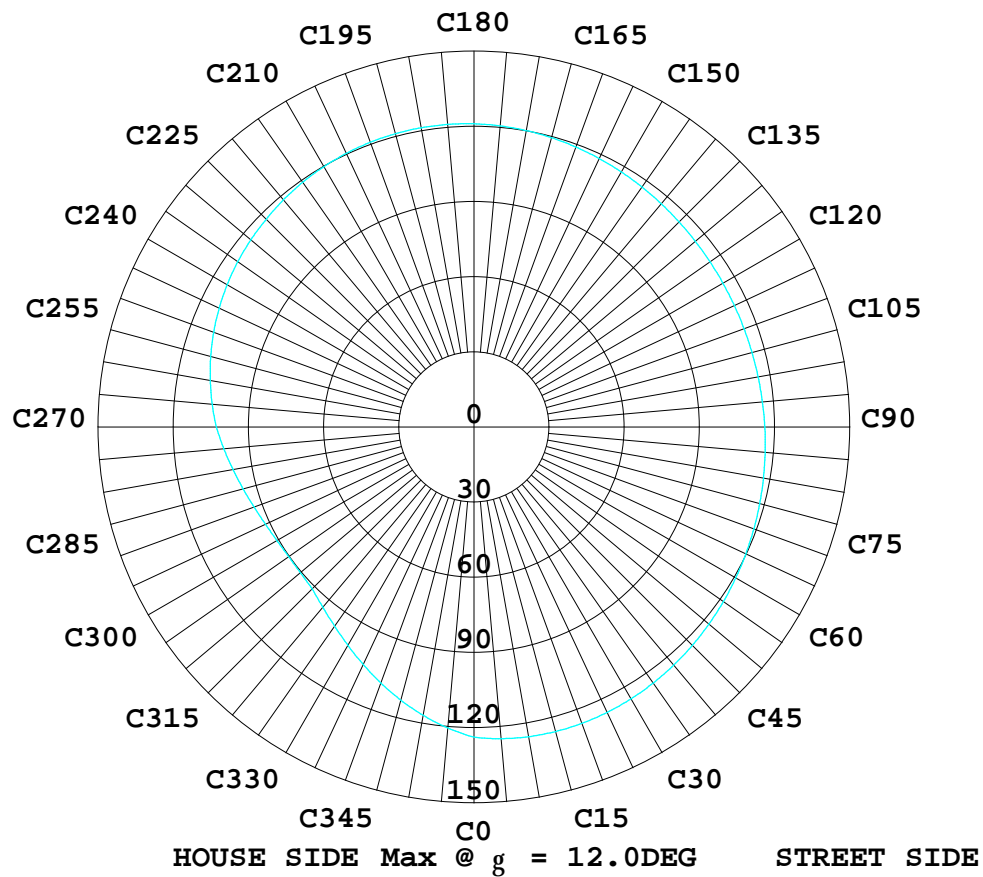
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月30日

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 G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130011



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: