

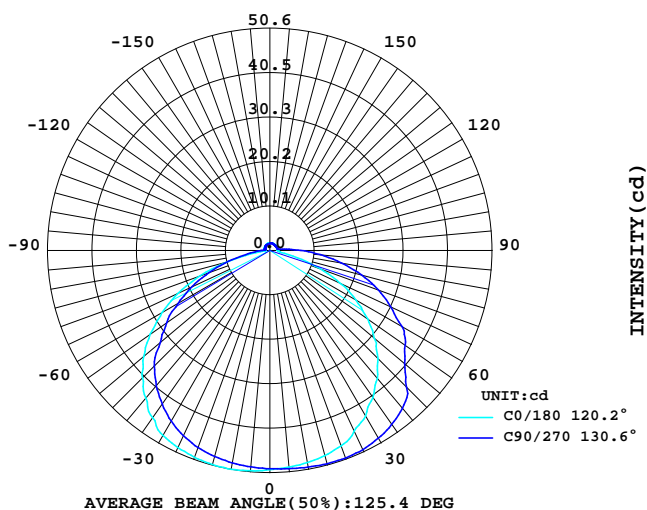
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

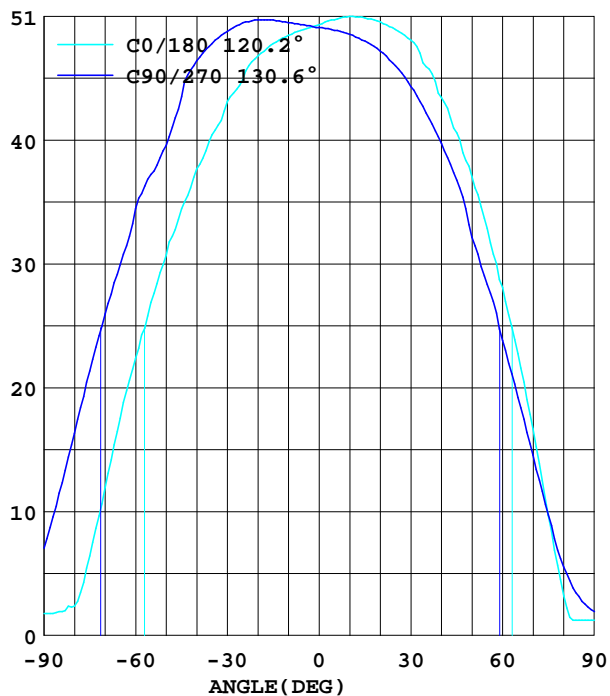
MANUFACTURER:			
Address:			
NAME: 48-RS-5050-24-96-12-X-Y-G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015012

DATA OF LAMP		I _{max} (cd)	50.64	S/MH(C0/180)	1.28
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.49
NOMINAL POWER(W)	4	TOTAL FLUX(lm)	186.49	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	46.7	Current(A)	0.166
NOMINAL FLUX(lm)	186.5	h up(%)	5.6	Power(W)	3.990
LAMPS QUANTITY	1	h down(%)	94.4	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	174.5	EEL	0.198

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月15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: 48-RS-5050-24-96-12-X-Y-G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015012

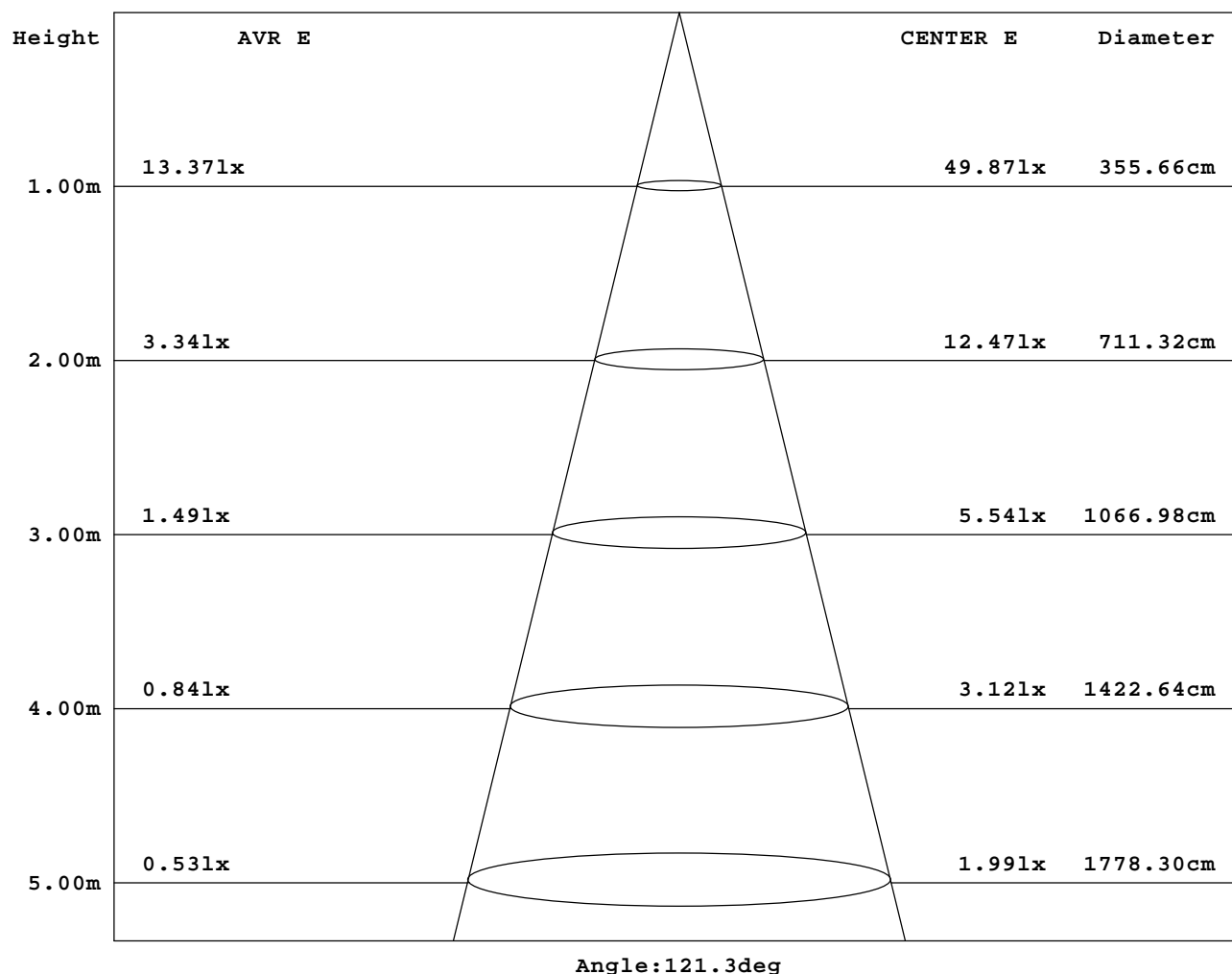
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月15日

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: 48-RS-5050-24-96-12-X-Y-G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015012



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021年10月15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: 48-RS-5050-24-96-12-X-Y-G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015012

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tStal
5.0	49.48	49.48	49.87	50.25	50.25	49.94	49.40	49.48	0- 5	1.190	1.190
10.0	49.01	49.17	50.02	50.56	50.56	50.10	49.09	48.94	5- 10	3.558	4.748
15.0	48.32	48.78	50.25	50.64	50.41	50.18	48.55	48.32	10- 15	5.879	10.62
20.0	47.31	48.24	50.25	50.56	50.10	50.02	47.70	47.31	15- 20	8.108	18.73
25.0	45.37	47.39	50.02	50.25	49.48	49.63	46.54	46.07	20- 25	10.18	28.92
30.0	43.59	46.38	49.32	49.63	48.63	49.01	44.83	44.45	25- 30	12.03	40.95
35.0	40.88	45.22	48.32	48.70	46.46	48.09	42.66	42.51	30- 35	13.59	54.55
40.0	38.10	43.59	46.92	47.47	43.90	46.77	40.19	40.34	35- 40	14.81	69.36
45.0	34.84	41.66	43.98	45.84	41.04	44.91	37.17	37.63	40- 45	15.62	84.99
50.0	31.05	39.18	40.03	43.75	37.48	42.51	32.52	34.46	45- 50	15.87	100.8
55.0	27.18	34.84	37.63	39.41	33.22	39.57	28.65	31.05	50- 55	15.59	116.4
60.0	22.61	29.50	34.84	34.22	28.42	33.84	24.08	25.16	55- 60	14.60	131.0
65.0	17.73	25.86	30.27	30.12	22.99	27.95	19.43	20.36	60- 65	12.97	144.0
70.0	12.08	21.21	26.25	25.47	16.88	22.45	14.71	14.48	65- 70	11.01	155.0
75.0	6.504	16.18	21.60	19.12	9.757	17.88	9.834	10.37	70- 75	8.709	163.7
80.0	2.400	11.61	16.49	14.48	3.252	11.77	5.575	6.117	75- 80	6.049	169.8
85.0	1.936	6.969	11.61	9.447	1.239	6.814	3.175	3.872	80- 85	3.941	173.7
90.0	1.781	3.407	7.124	4.336	1.239	3.484	1.936	2.400	85- 90	2.355	176.1
95.0	1.703	1.471	3.794	1.316	1.239	2.245	1.316	1.858	90- 95	1.321	177.4
100.0	1.703	1.239	2.090	1.161	1.316	1.858	1.239	1.781	95-100	0.917	178.3
105.0	1.703	1.239	1.703	1.161	1.316	1.858	1.239	1.781	100-105	0.811	179.1
110.0	1.703	1.316	1.703	1.239	1.393	1.858	1.316	1.781	105-110	0.795	179.9
115.0	1.703	1.316	1.703	1.239	1.393	1.781	1.316	1.781	110-115	0.773	180.7
120.0	1.703	1.393	1.626	1.239	1.471	1.781	1.393	1.703	115-120	0.740	181.4
125.0	1.703	1.393	1.626	1.316	1.471	1.781	1.393	1.703	120-125	0.714	182.1
130.0	1.703	1.393	1.626	1.316	1.471	1.703	1.471	1.703	125-130	0.674	182.8
135.0	1.703	1.471	1.626	1.393	1.548	1.781	1.471	1.703	130-135	0.638	183.5
140.0	1.703	1.471	1.626	1.393	1.548	1.781	1.471	1.703	135-140	0.589	184.0
145.0	1.703	1.471	1.626	1.471	1.626	1.781	1.548	1.703	140-145	0.536	184.6
150.0	1.703	1.548	1.703	1.471	1.626	1.781	1.548	1.781	145-150	0.477	185.1
155.0	1.703	1.548	1.703	1.471	1.703	1.781	1.548	1.703	150-155	0.415	185.5
160.0	1.703	1.548	1.703	1.471	1.703	1.781	1.548	1.703	155-160	0.345	185.8
165.0	1.781	1.548	1.703	1.548	1.703	1.703	1.548	1.703	160-165	0.272	186.1
170.0	1.781	1.548	1.703	1.548	1.703	1.703	1.548	1.703	165-170	0.197	186.3
175.0	1.703	1.626	1.703	1.548	1.703	1.703	1.626	1.703	170-175	0.118	186.4
180.0	1.703	1.626	1.703	1.626	1.781	1.703	1.626	1.703	175-180	0.040	186.4
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月15日

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

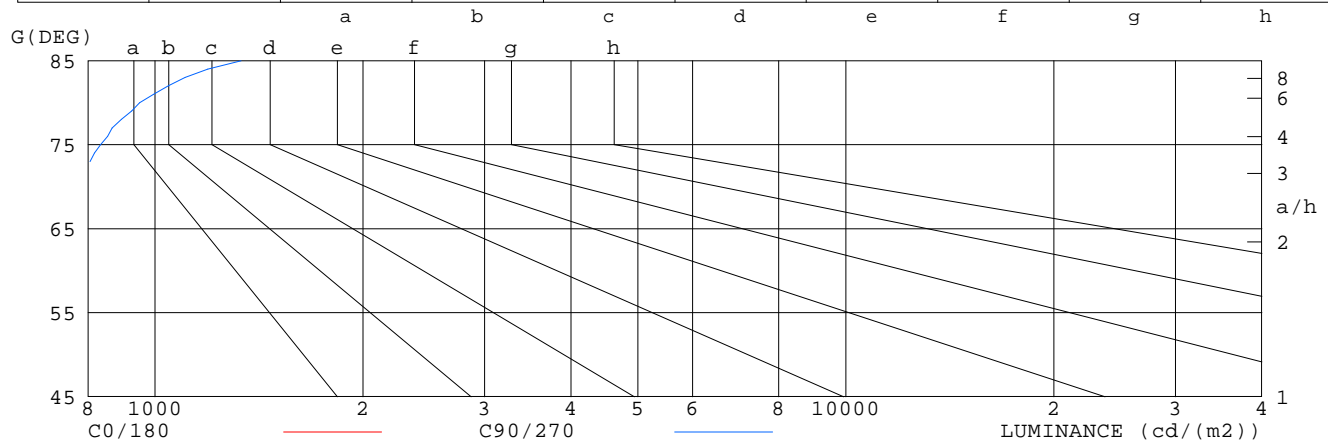
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 48-RS-5050-24-96-12-X-Y-G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015012

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	222	1333
80	138	950
75	251	835
70	353	768
65	420	716
60	452	697
55	474	656
50	483	623
45	493	622

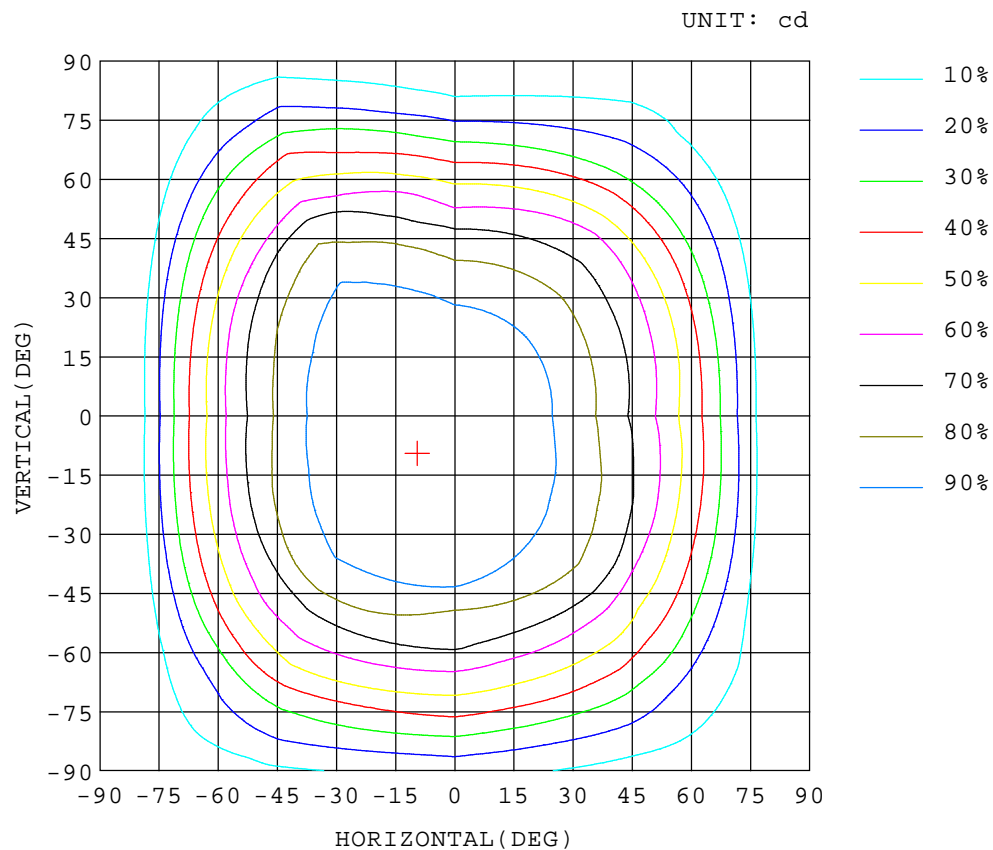
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年10月15日

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: 48-RS-5050-24-96-12-X-Y-G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015012



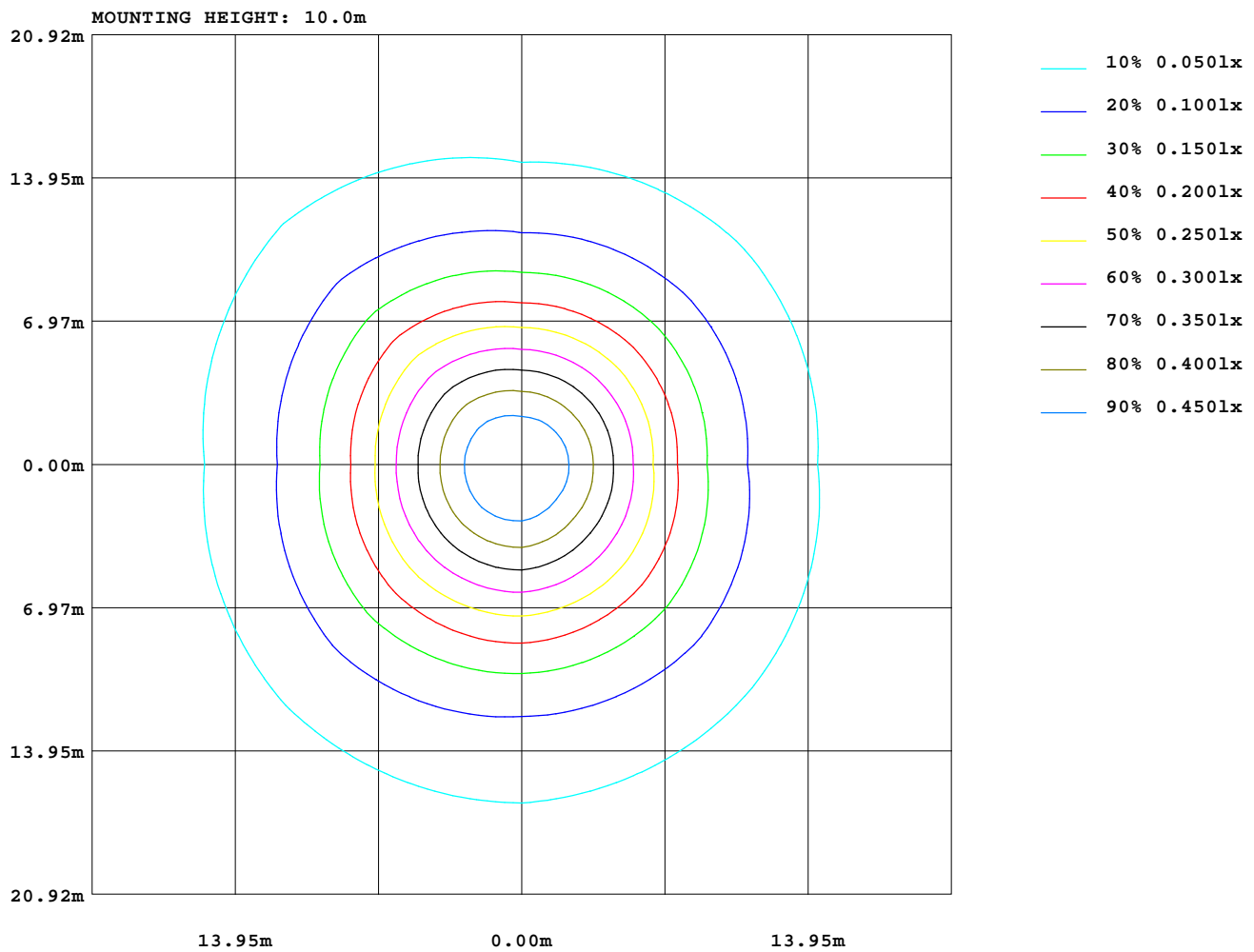
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年10月15日

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: 48-RS-5050-24-96-12-X-Y-G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015012



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2021年10月15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: 48-RS-5050-24-96-12-X-Y-G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015012

90	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	0.00	0.02	0.04	0.08	0.12	0.14	0.14	0.13	0.11	0.10	0.10	0.10	0.09	0.07	0.05	0.03	0.02	0.01	1.34	0.43	
80	0.00	0.02	0.07	0.15	0.26	0.32	0.35	0.35	0.32	0.30	0.28	0.25	0.20	0.14	0.08	0.04	0.02	0.01	3.17	2.98	
70	0.00	0.03	0.11	0.25	0.42	0.54	0.61	0.64	0.62	0.59	0.55	0.47	0.37	0.26	0.15	0.06	0.02	0.01	5.69	5.60	
60	0.00	0.04	0.16	0.35	0.56	0.76	0.88	0.93	0.90	0.87	0.83	0.73	0.58	0.40	0.23	0.10	0.03	0.01	8.35	8.29	
50	0.00	0.05	0.21	0.43	0.71	0.97	1.09	1.15	1.15	1.11	1.05	0.94	0.77	0.53	0.31	0.14	0.03	0.01	10.6	10.6	
40	0.00	0.07	0.25	0.51	0.81	1.07	1.24	1.31	1.31	1.28	1.21	1.07	0.88	0.64	0.39	0.17	0.04	0.01	12.2	12.2	
30	0.00	0.08	0.28	0.56	0.86	1.12	1.31	1.41	1.42	1.39	1.31	1.16	0.96	0.70	0.44	0.20	0.05	0.01	13.2	13.2	
VERTICAL(°)	0.00	0.08	0.29	0.58	0.88	1.15	1.35	1.46	1.48	1.46	1.38	1.22	1.00	0.74	0.47	0.22	0.05	0.01	13.8	13.8	
	0.00	0.08	0.30	0.58	0.89	1.16	1.36	1.47	1.51	1.49	1.41	1.25	1.01	0.75	0.48	0.23	0.06	0.01	14.0	14.0	
	0.00	0.09	0.30	0.59	0.89	1.16	1.36	1.48	1.52	1.49	1.41	1.26	1.02	0.76	0.48	0.23	0.06	0.01	14.1	14.1	
	0.01	0.08	0.30	0.58	0.89	1.15	1.36	1.48	1.52	1.50	1.41	1.25	1.03	0.77	0.48	0.23	0.06	0.01	14.1	14.1	
	0.01	0.08	0.28	0.56	0.87	1.13	1.33	1.45	1.51	1.49	1.39	1.23	1.01	0.75	0.46	0.22	0.06	0.01	13.8	13.8	
	0.01	0.07	0.26	0.52	0.81	1.09	1.28	1.40	1.46	1.44	1.34	1.19	0.98	0.70	0.43	0.20	0.05	0.01	13.2	13.2	
	0.01	0.06	0.22	0.46	0.71	0.98	1.17	1.28	1.33	1.31	1.22	1.08	0.87	0.61	0.37	0.17	0.04	0.01	11.9	11.8	
	0.01	0.04	0.17	0.38	0.61	0.82	0.98	1.09	1.14	1.12	1.04	0.89	0.71	0.51	0.30	0.13	0.04	0.01	10.0	9.96	
	0.01	0.04	0.12	0.28	0.47	0.64	0.77	0.87	0.92	0.90	0.82	0.70	0.55	0.39	0.22	0.10	0.03	0.01	7.82	7.76	
	0.01	0.03	0.09	0.19	0.32	0.43	0.52	0.60	0.64	0.63	0.56	0.47	0.37	0.25	0.15	0.07	0.03	0.01	5.35	5.26	
-90	0.00	0.02	0.05	0.10	0.17	0.22	0.27	0.32	0.34	0.34	0.29	0.24	0.18	0.13	0.08	0.04	0.02	0.01	2.83	2.55	
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(°) 20 30 40 50 60 70 80 90																					
Φ t	0.09	0.97	3.49	7.12	11.2	14.8	17.4	18.8	19.2	18.8	17.6	15.5	12.6	9.11	5.56	2.60	0.71	0.11	186		
Φ a	0.00	0.76	3.37	7.03	11.1	14.8	17.3	18.7	19.1	18.7	17.5	15.4	12.5	9.00	5.42	2.42	0.42	0.00		175	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月15日

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

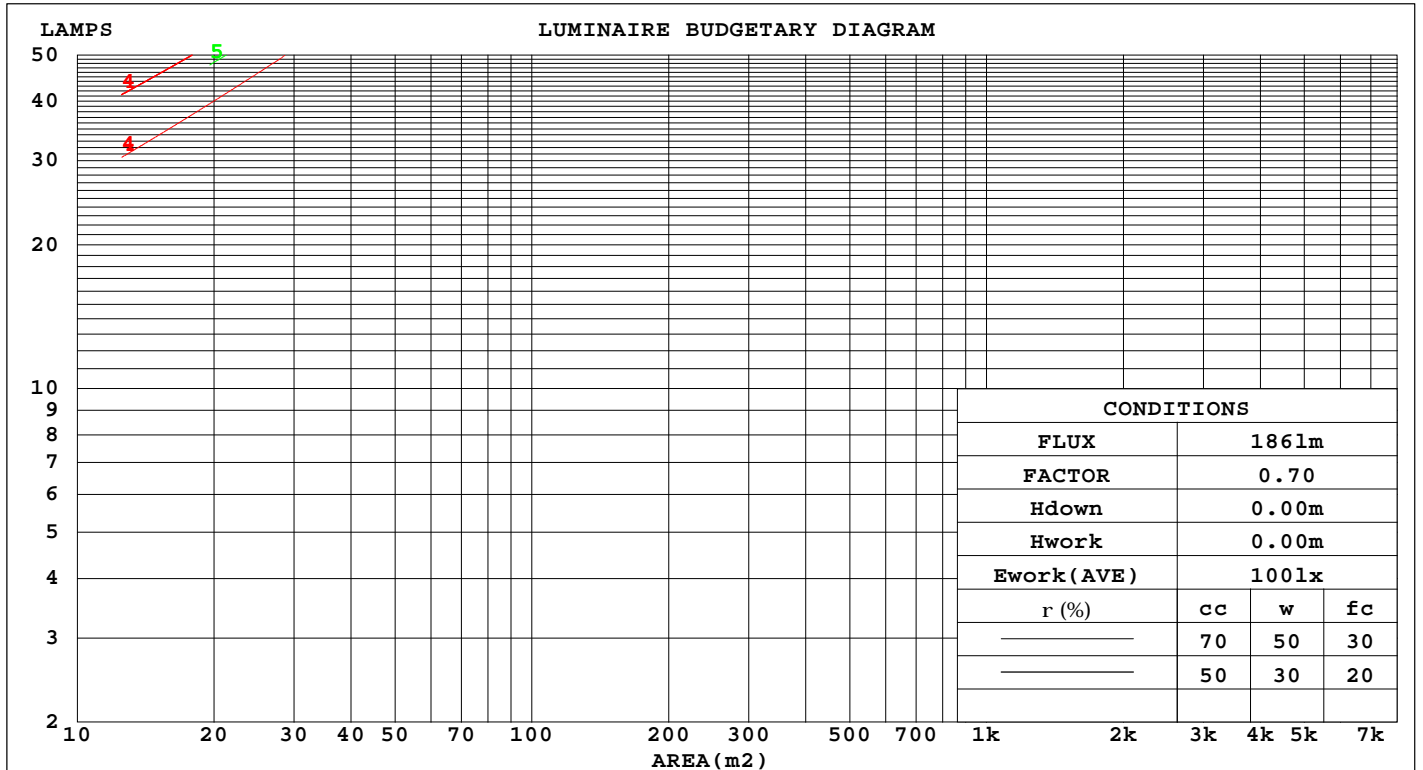
GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 48-RS-5050-24-96-12-X-Y-G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015012

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	1.14	1.14	1.14	1.08	1.08	1.08	1.02	1.02	1.02	.97	.97	.97	.94
1.0	1.01	.96	.92	.98	.94	.90	.93	.90	.86	.88	.85	.83	.84	.81	.79	.77
2.0	.87	.80	.74	.85	.78	.73	.80	.75	.70	.76	.72	.68	.72	.69	.65	.63
3.0	.76	.67	.61	.74	.66	.60	.70	.63	.58	.67	.61	.56	.63	.59	.54	.52
4.0	.67	.58	.51	.65	.57	.50	.62	.55	.49	.59	.53	.47	.56	.51	.46	.44
5.0	.59	.50	.43	.58	.49	.43	.55	.47	.42	.53	.46	.41	.50	.44	.40	.37
6.0	.53	.44	.37	.52	.43	.37	.50	.42	.36	.47	.41	.35	.45	.39	.35	.32
7.0	.48	.39	.33	.47	.38	.32	.45	.37	.32	.43	.36	.31	.41	.35	.30	.28
8.0	.44	.35	.29	.43	.34	.29	.41	.33	.28	.39	.32	.28	.38	.32	.27	.25
9.0	.40	.31	.26	.39	.31	.26	.37	.30	.25	.36	.29	.25	.35	.29	.24	.22
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10月15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: 48-RS-5050-24-96-12-X-Y-G						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050/96D				CCT(K): 0		DIMENSION: 1M*0.012M			SERIAL No.: 20211015012		

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	.336	.191	.061	.327	.187	.059	.311	.178	.057	.296	.171	.055	.282	.163	.053	
2.0	.309	.169	.052	.301	.166	.051	.286	.159	.049	.273	.153	.048	.260	.147	.046	
3.0	.283	.150	.045	.276	.148	.044	.262	.142	.043	.250	.137	.042	.239	.132	.041	
4.0	.259	.135	.040	.253	.132	.039	.241	.128	.038	.230	.123	.037	.220	.119	.036	
5.0	.238	.121	.035	.232	.119	.035	.222	.115	.034	.212	.112	.033	.203	.108	.033	
6.0	.220	.110	.032	.215	.108	.031	.205	.105	.031	.196	.102	.030	.188	.099	.029	
7.0	.204	.101	.029	.199	.099	.028	.191	.096	.028	.183	.094	.027	.175	.091	.027	
8.0	.190	.093	.026	.186	.091	.026	.178	.089	.025	.170	.086	.025	.164	.084	.024	
9.0	.177	.086	.024	.174	.085	.024	.167	.082	.023	.160	.080	.023	.154	.078	.023	
10.0	.167	.080	.022	.163	.079	.022	.157	.077	.022	.150	.075	.021	.145	.073	.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	.233	.233	.233	.199	.199	.199	.136	.136	.136	.078	.078	.078	.025	.025	.025		
1.0	.225	.199	.175	.192	.170	.151	.132	.117	.104	.076	.068	.061	.024	.022	.020		
2.0	.218	.175	.139	.186	.151	.120	.128	.104	.084	.074	.061	.049	.024	.020	.016		
3.0	.210	.158	.116	.180	.136	.100	.124	.094	.070	.071	.055	.041	.023	.018	.014		
4.0	.203	.145	.100	.174	.125	.087	.120	.087	.061	.069	.051	.036	.022	.017	.012		
5.0	.195	.134	.090	.168	.116	.078	.116	.081	.055	.067	.048	.033	.022	.016	.011		
6.0	.188	.126	.082	.162	.109	.071	.112	.077	.051	.065	.045	.030	.021	.015	.010		
7.0	.181	.120	.076	.156	.104	.067	.108	.073	.047	.063	.043	.028	.020	.014	.009		
8.0	.175	.114	.072	.150	.099	.063	.104	.069	.045	.060	.041	.027	.020	.013	.009		
9.0	.168	.109	.069	.145	.095	.060	.101	.066	.043	.059	.039	.025	.019	.013	.008		
10.0	.163	.105	.066	.140	.091	.058	.097	.064	.041	.057	.038	.024	.018	.012	.008		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月15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: 48-RS-5050-24-96-12-X-Y-G					TYPE: LED Strip			WEIGHT:			
SPECIFICATION: 5050/96D		CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211015012			
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	10.1	11.6	10.5	11.9	12.2	11.5	13.0	11.9	13.3	13.7	
	11.4	12.8	11.8	13.1	13.5	13.7	15.1	14.1	15.4	15.8	
	11.8	13.1	12.2	13.4	13.8	14.7	16.1	15.1	16.4	16.8	
	11.8	13.1	12.3	13.5	13.9	15.7	17.0	16.2	17.4	17.8	
	11.9	13.1	12.3	13.4	13.9	16.2	17.4	16.7	17.8	18.2	
	11.9	13.0	12.3	13.4	13.9	16.7	17.9	17.2	18.3	18.7	
4H	2H	11.0	12.4	11.4	12.7	13.1	12.1	13.4	12.5	13.8	14.2
	3H	12.6	13.7	13.0	14.1	14.6	14.4	15.6	14.9	16.0	16.4
	4H	13.1	14.1	13.6	14.6	15.0	15.7	16.7	16.1	17.1	17.6
	6H	13.3	14.3	13.8	14.7	15.2	16.8	17.8	17.3	18.2	18.7
	8H	13.4	14.3	13.9	14.7	15.3	17.4	18.3	17.9	18.7	19.3
	12H	13.5	14.3	14.0	14.8	15.3	18.0	18.8	18.5	19.3	19.8
8H	4H	13.7	14.6	14.2	15.1	15.6	15.9	16.8	16.4	17.2	17.8
	6H	14.2	15.0	14.8	15.5	16.0	17.3	18.0	17.8	18.5	19.1
	8H	14.4	15.1	15.0	15.6	16.2	18.0	18.7	18.5	19.2	19.7
	12H	14.6	15.2	15.2	15.7	16.3	18.8	19.3	19.3	19.9	20.5
12H	4H	13.9	14.7	14.4	15.2	15.7	15.9	16.7	16.4	17.2	17.7
	6H	14.5	15.1	15.0	15.7	16.2	17.3	18.0	17.9	18.5	19.1
	8H	14.8	15.4	15.4	15.9	16.5	18.1	18.7	18.7	19.2	19.8
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.2					
2.0H	+ 0.2 / - 0.6					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 186.4 lm Total Lamp Luminous Flux.(8log(F/F0) = -5.8)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月15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: 48-RS-5050-24-96-12-X-Y-G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015012

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	26
0.80	63	51	43	62	50	43	60	49	42	35
1.00	71	60	52	70	59	51	67	60	51	43
1.25	79	67	60	77	66	59	74	64	58	50
1.50	84	73	65	82	72	65	78	70	63	55
2.00	91	82	75	89	80	73	85	77	72	62
2.50	95	87	80	93	85	79	88	82	76	66
3.00	99	91	85	96	89	84	91	86	81	71
4.00	103	97	91	100	95	90	95	90	86	76
5.00	106	100	96	103	98	94	97	93	90	79
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

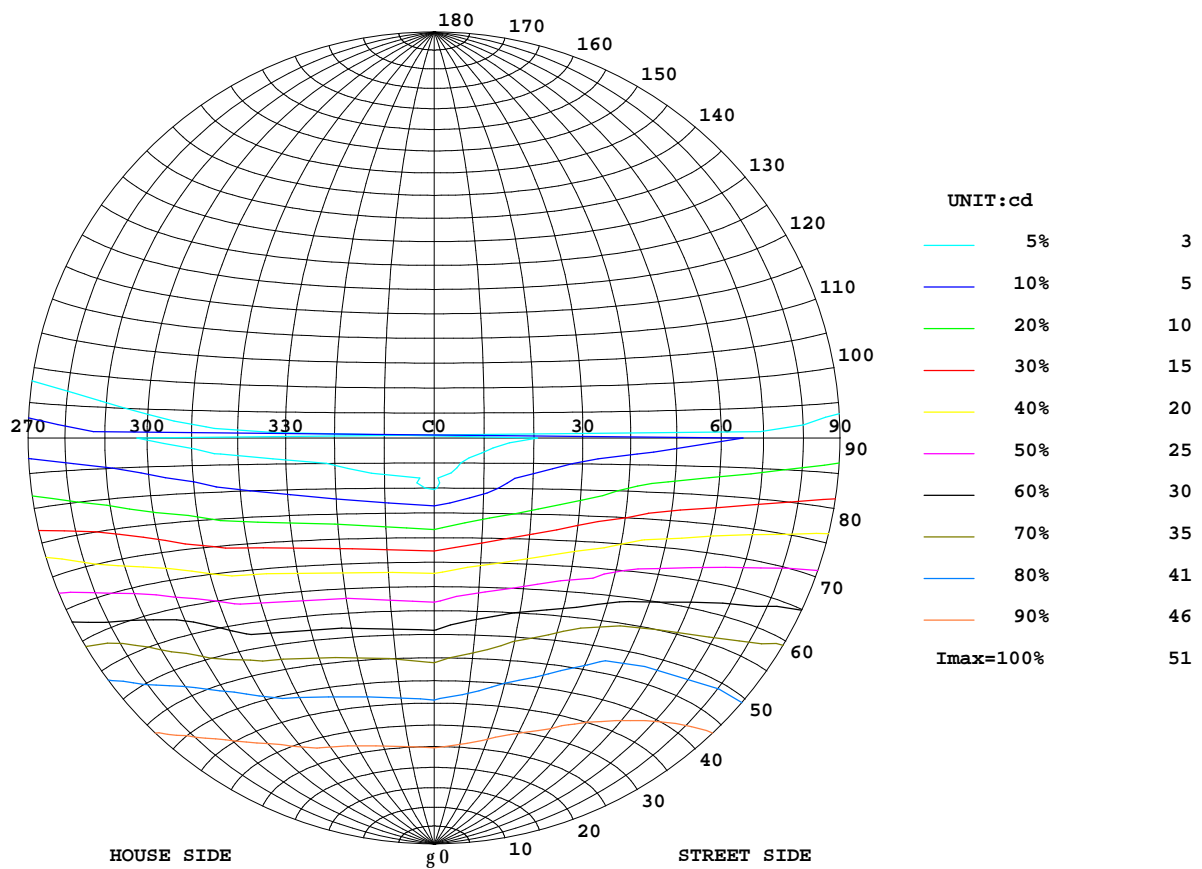
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月15日

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: 48-RS-5050-24-96-12-X-Y-G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015012



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月15日

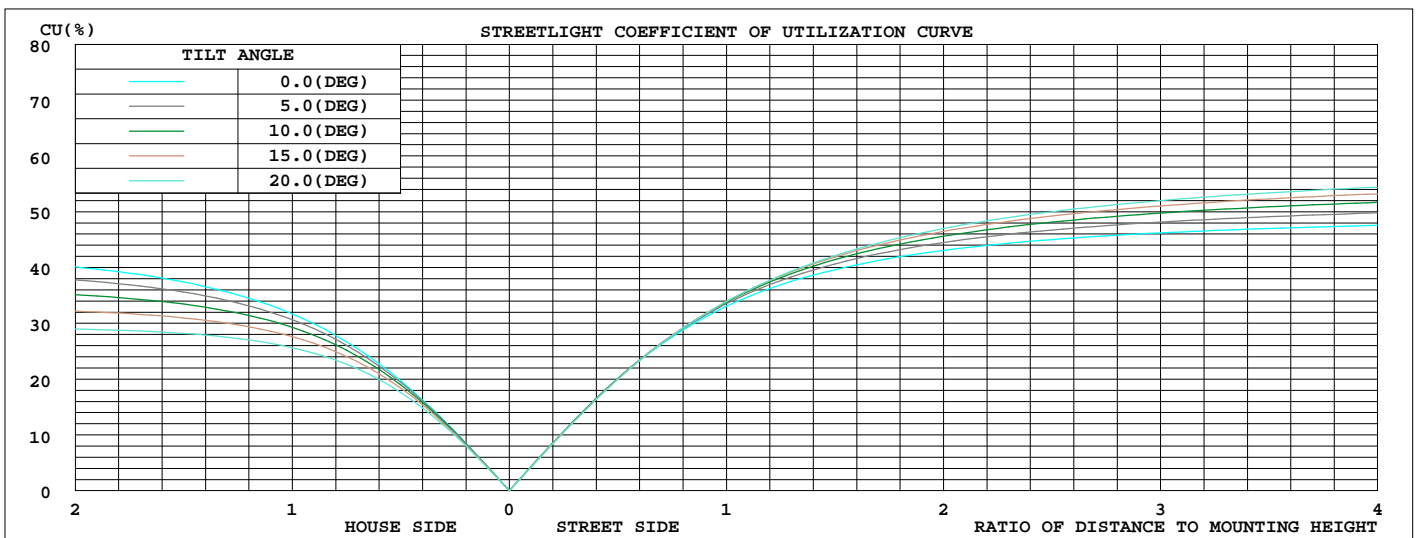
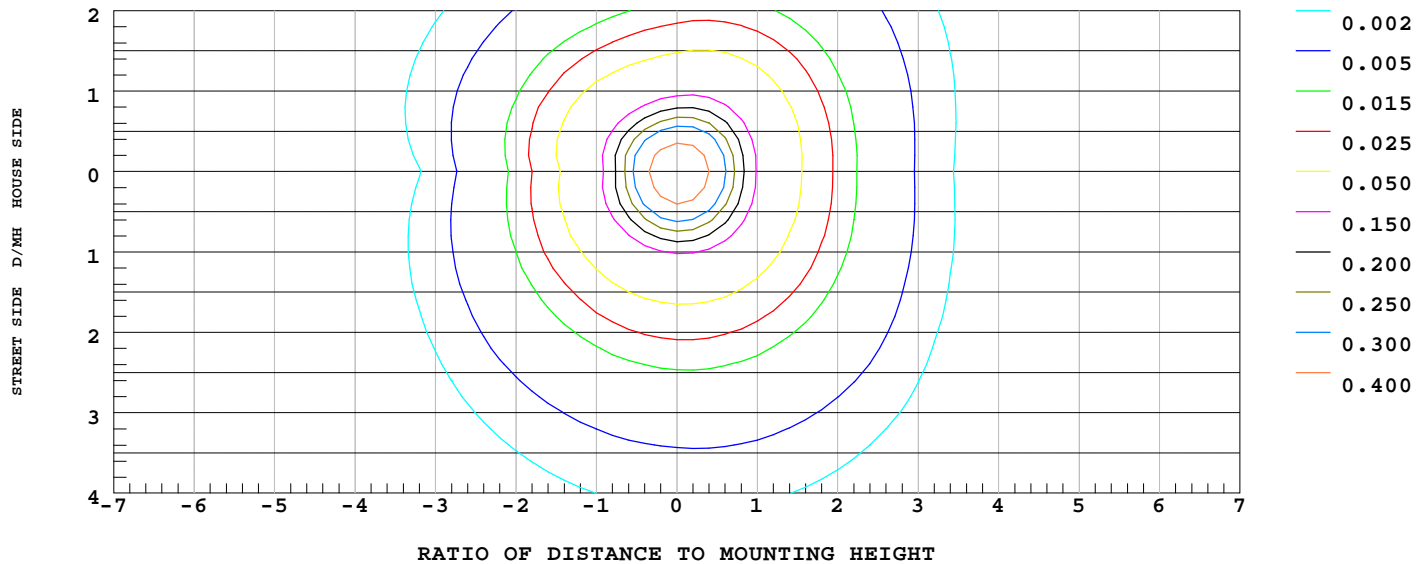
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 48-RS-5050-24-96-12-X-Y-G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015012

ILLUMINANCE AT MH=10 m, Enadir = 0.50 lx



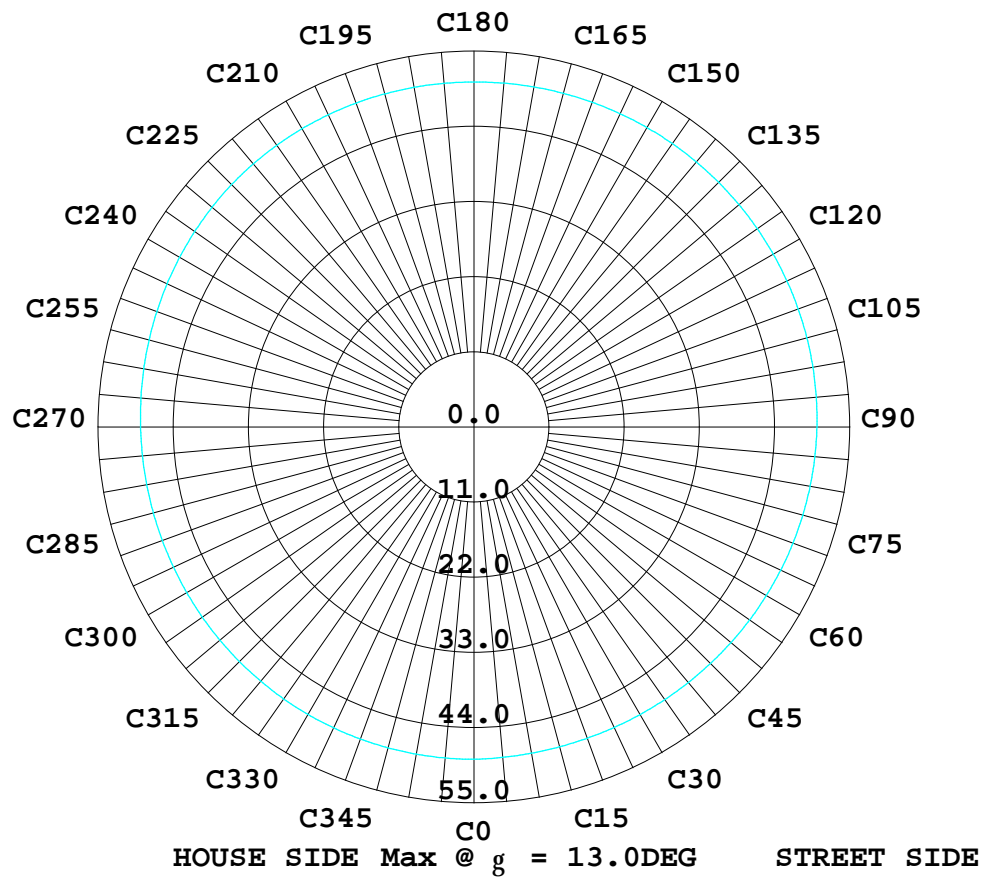
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年10月15日

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: 48-RS-5050-24-96-12-X-Y-G		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015012



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2021年10月15日

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