

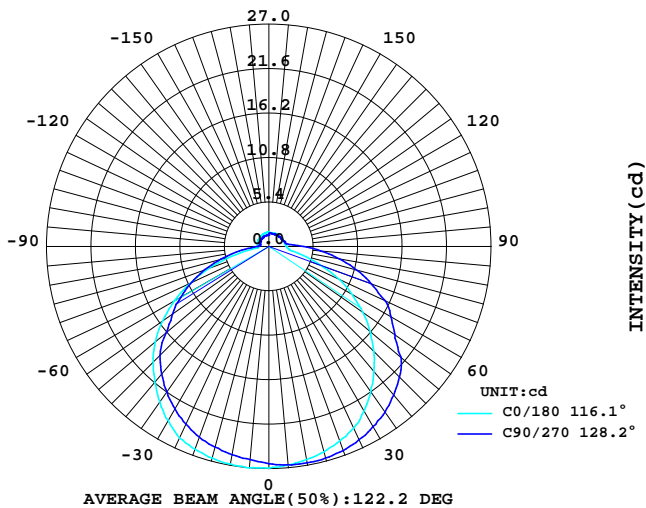
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

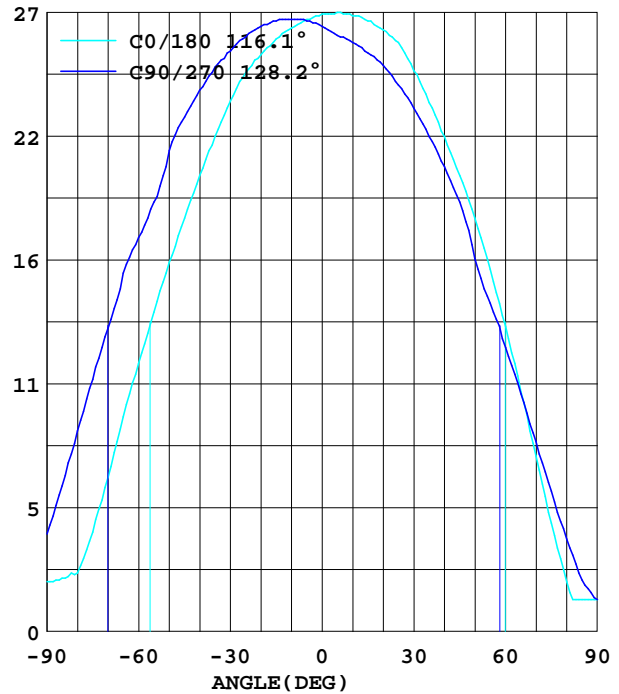
MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130010

DATA OF LAMP		Imax(cd)	27.02	S/MH(C0/180)	1.27
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.43
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	97.969	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	35.6	Current(A)	0.114
NOMINAL FLUX(lm)	98.0	h up(%)	10.5	Power(W)	2.750
LAMPS QUANTITY	1	h down(%)	89.5	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	86.9	EEL	0.221

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 R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130010

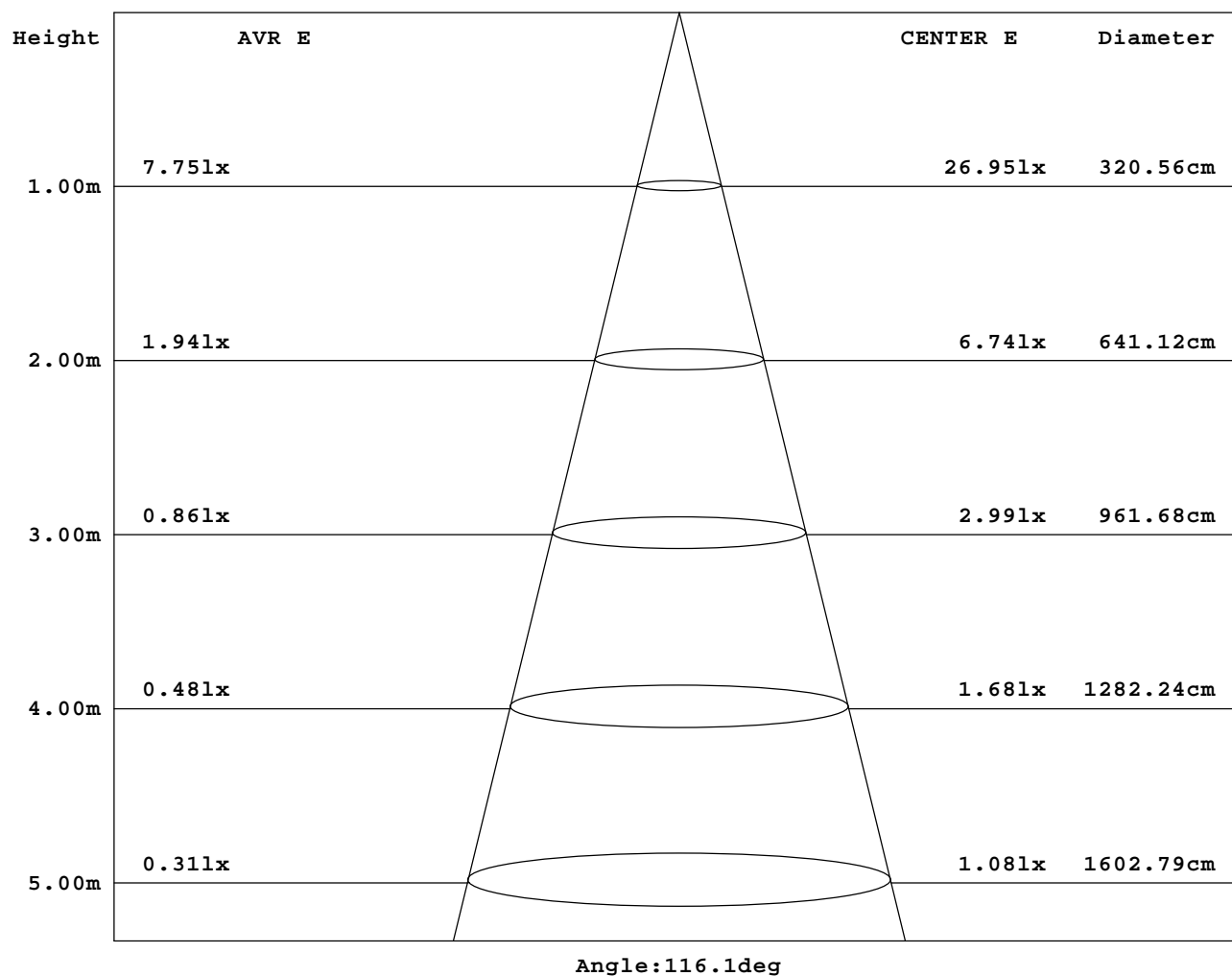
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月30日

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 R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130010



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 R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130010

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tBtal
5.0	26.71	26.25	26.63	26.71	27.02	26.79	26.01	26.17	0- 5	0.635	0.635
10.0	26.32	25.78	26.71	26.71	26.87	26.79	25.71	25.71	5- 10	1.891	2.526
15.0	25.86	25.09	26.63	26.63	26.63	26.71	25.24	25.09	10- 15	3.104	5.630
20.0	25.16	24.31	26.40	26.32	26.25	26.40	24.70	24.23	15- 20	4.242	9.873
25.0	24.39	23.30	25.94	25.94	25.71	26.01	23.85	23.30	20- 25	5.274	15.14
30.0	23.15	22.14	25.32	25.24	24.47	25.40	22.84	22.22	25- 30	6.160	21.30
35.0	21.60	20.83	24.62	24.31	23.07	24.62	21.60	20.83	30- 35	6.857	28.16
40.0	19.90	19.36	23.61	23.23	21.60	23.61	20.28	19.43	35- 40	7.353	35.51
45.0	18.04	17.65	22.45	21.91	19.90	22.45	18.74	17.81	40- 45	7.638	43.15
50.0	16.10	15.79	20.98	20.52	18.04	21.14	16.26	16.03	45- 50	7.687	50.84
55.0	13.93	13.47	18.74	19.05	15.79	19.59	14.32	13.31	50- 55	7.422	58.26
60.0	11.69	10.84	17.19	16.49	13.31	16.80	12.39	10.99	55- 60	6.887	65.15
65.0	9.370	8.983	15.64	13.93	10.45	14.24	10.37	8.905	60- 65	6.123	71.28
70.0	6.737	6.892	13.24	12.08	7.666	11.84	8.286	7.047	65- 70	5.236	76.51
75.0	4.336	4.878	10.99	9.680	4.723	9.834	6.117	5.111	70- 75	4.237	80.75
80.0	2.555	3.252	8.750	7.047	2.168	7.201	4.026	3.639	75- 80	3.155	83.90
85.0	2.323	2.090	6.350	5.111	1.393	5.265	2.245	2.555	80- 85	2.221	86.13
90.0	2.168	1.316	4.259	3.097	1.393	3.252	1.393	2.168	85- 90	1.570	87.70
95.0	2.090	1.239	2.710	1.471	1.393	2.323	1.161	2.013	90- 95	1.119	88.82
100.0	2.013	1.239	2.168	1.161	1.393	2.168	1.161	1.936	95-100	0.926	89.74
105.0	1.936	1.239	2.013	1.161	1.471	2.090	1.161	1.858	100-105	0.877	90.62
110.0	1.936	1.316	1.936	1.161	1.471	2.013	1.239	1.858	105-110	0.842	91.46
115.0	1.858	1.316	1.858	1.161	1.471	1.936	1.239	1.781	110-115	0.811	92.27
120.0	1.858	1.316	1.858	1.239	1.548	1.858	1.239	1.781	115-120	0.767	93.04
125.0	1.858	1.316	1.781	1.239	1.548	1.858	1.239	1.781	120-125	0.730	93.77
130.0	1.781	1.316	1.781	1.239	1.548	1.781	1.316	1.703	125-130	0.680	94.45
135.0	1.781	1.393	1.703	1.239	1.626	1.781	1.316	1.703	130-135	0.632	95.08
140.0	1.781	1.393	1.703	1.239	1.626	1.781	1.316	1.703	135-140	0.580	95.66
145.0	1.781	1.393	1.703	1.316	1.626	1.703	1.316	1.626	140-145	0.524	96.18
150.0	1.781	1.393	1.703	1.316	1.626	1.703	1.316	1.626	145-150	0.460	96.64
155.0	1.781	1.393	1.626	1.316	1.703	1.703	1.393	1.626	150-155	0.397	97.04
160.0	1.703	1.471	1.626	1.316	1.703	1.703	1.393	1.626	155-160	0.329	97.37
165.0	1.703	1.471	1.626	1.316	1.703	1.703	1.393	1.626	160-165	0.258	97.63
170.0	1.703	1.471	1.626	1.393	1.703	1.626	1.393	1.626	165-170	0.186	97.81
175.0	1.703	1.471	1.626	1.393	1.781	1.626	1.393	1.548	170-175	0.113	97.93
180.0	1.703	1.471	1.626	1.393	1.858	1.626	1.471	1.548	175-180	0.038	97.96
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:

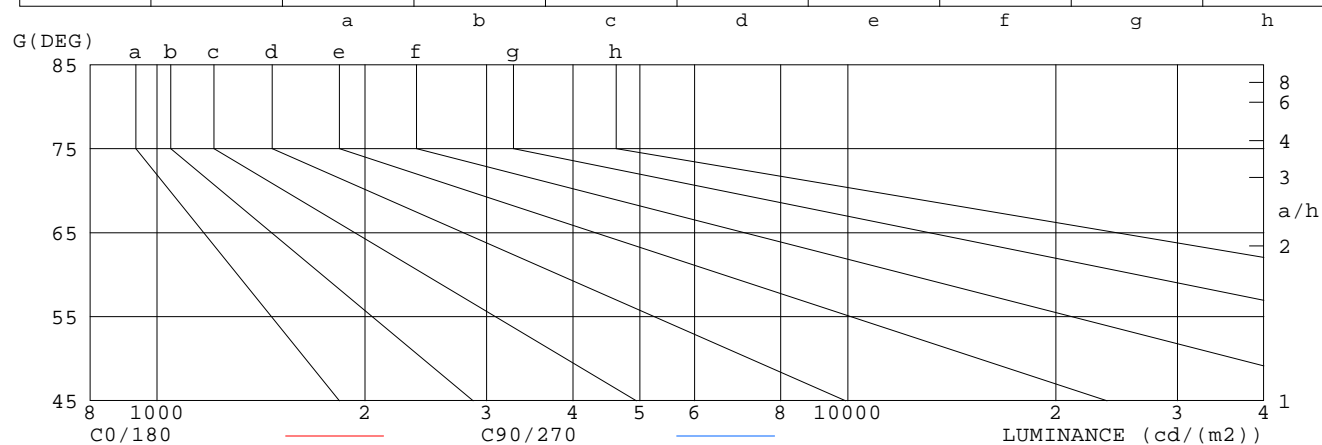
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130010

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	267	729
80	147	504
75	168	425
70	197	387
65	222	370
60	234	344
55	243	327
50	251	326
45	255	318

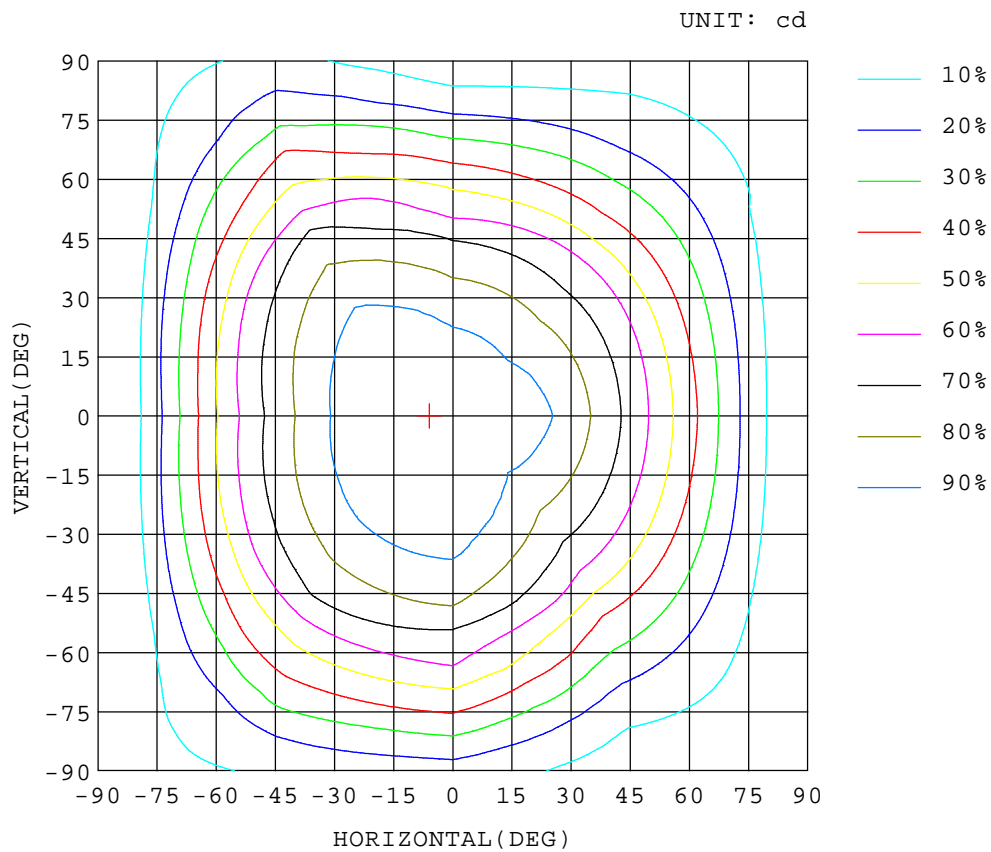
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年11月30日

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 R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130010



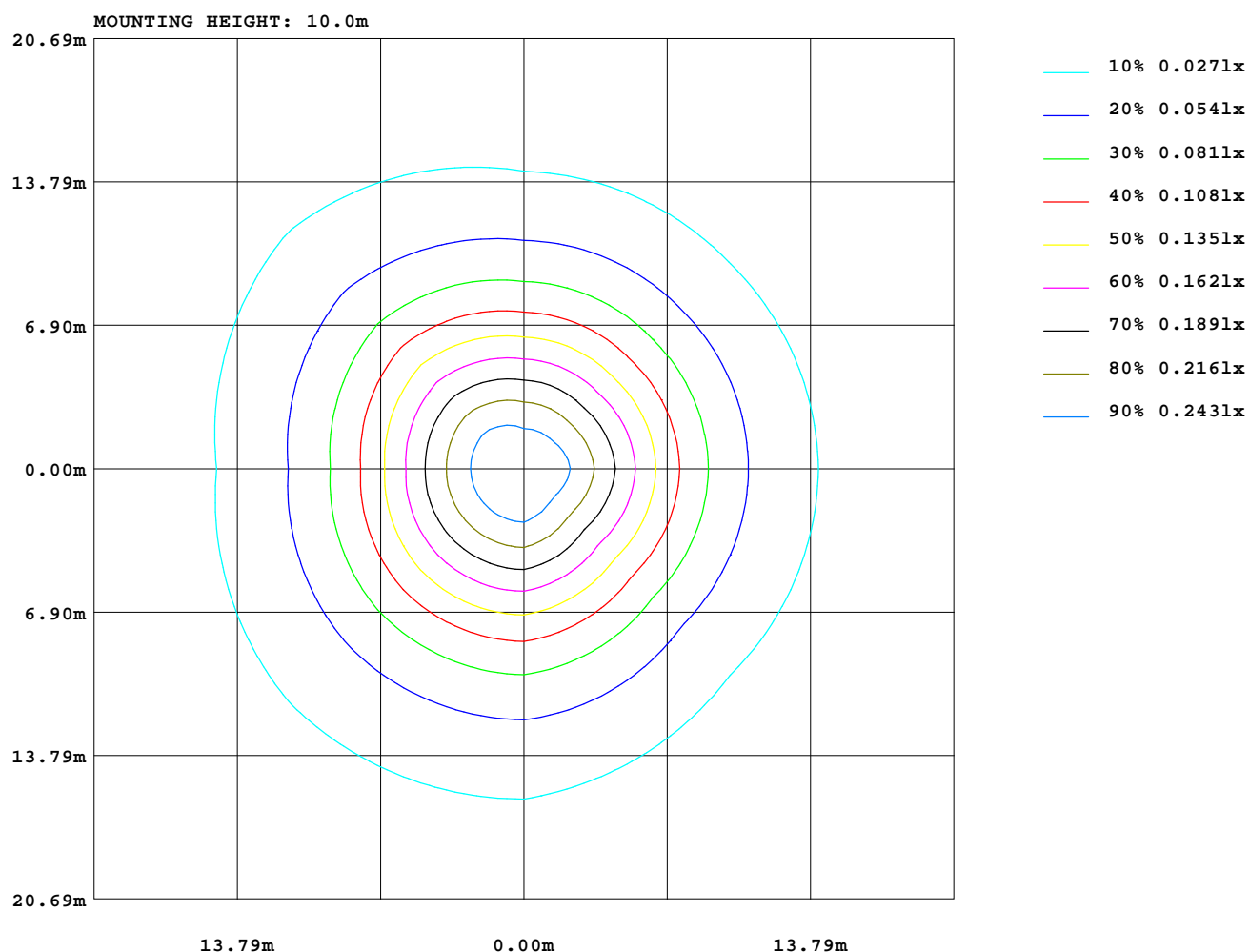
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月30日

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 R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130010



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 R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130010

90	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.00	0.02	0.04	0.06	0.10	0.11	0.11	0.10	0.08	0.07	0.07	0.07	0.06	0.05	0.04	0.03	0.02	0.01	1.03	0.64		
80	0.00	0.02	0.05	0.10	0.16	0.19	0.21	0.21	0.20	0.18	0.16	0.14	0.11	0.08	0.05	0.03	0.02	0.01	1.92	1.85		
70	0.00	0.02	0.06	0.14	0.23	0.29	0.32	0.33	0.33	0.31	0.28	0.24	0.18	0.13	0.08	0.04	0.02	0.01	3.00	2.97		
60	0.00	0.03	0.09	0.18	0.29	0.38	0.44	0.46	0.45	0.43	0.39	0.33	0.26	0.19	0.12	0.06	0.02	0.01	4.11	4.09		
50	0.00	0.03	0.10	0.21	0.35	0.48	0.55	0.58	0.58	0.56	0.51	0.44	0.34	0.24	0.15	0.07	0.03	0.01	5.23	5.21		
40	0.00	0.04	0.12	0.25	0.40	0.53	0.62	0.67	0.67	0.65	0.60	0.52	0.42	0.30	0.18	0.09	0.03	0.01	6.08	6.06		
30	0.00	0.04	0.13	0.27	0.42	0.56	0.67	0.73	0.74	0.71	0.66	0.58	0.47	0.34	0.21	0.10	0.03	0.01	6.68	6.67		
VERTICAL(DEG)	0.00	0.04	0.14	0.28	0.43	0.58	0.70	0.77	0.78	0.76	0.71	0.63	0.51	0.37	0.23	0.12	0.04	0.01	7.07	7.06		
	0.00	0.04	0.14	0.28	0.43	0.58	0.70	0.78	0.81	0.79	0.75	0.66	0.53	0.39	0.24	0.12	0.04	0.01	7.28	7.27		
	0.00	0.04	0.14	0.28	0.43	0.58	0.70	0.78	0.81	0.80	0.75	0.66	0.53	0.39	0.24	0.12	0.04	0.01	7.29	7.28		
	0.00	0.04	0.14	0.28	0.43	0.57	0.69	0.77	0.81	0.78	0.71	0.63	0.51	0.37	0.23	0.11	0.04	0.01	7.12	7.10		
	0.00	0.04	0.13	0.27	0.41	0.55	0.67	0.75	0.78	0.76	0.68	0.58	0.47	0.34	0.21	0.10	0.03	0.01	6.79	6.77		
	0.00	0.04	0.12	0.24	0.39	0.52	0.63	0.70	0.74	0.72	0.64	0.53	0.42	0.30	0.18	0.09	0.03	0.01	6.29	6.27		
	0.00	0.03	0.10	0.21	0.34	0.47	0.57	0.64	0.67	0.65	0.58	0.47	0.35	0.24	0.15	0.07	0.02	0.01	5.57	5.55		
	0.00	0.03	0.09	0.18	0.28	0.39	0.48	0.54	0.57	0.55	0.47	0.38	0.27	0.18	0.11	0.06	0.02	0.01	4.58	4.56		
	0.00	0.02	0.06	0.14	0.23	0.31	0.37	0.43	0.46	0.44	0.37	0.29	0.20	0.13	0.08	0.04	0.02	0.01	3.59	3.55		
	0.00	0.02	0.05	0.09	0.16	0.22	0.26	0.30	0.33	0.31	0.26	0.19	0.13	0.08	0.05	0.03	0.02	0.01	2.50	2.42		
-90	0.00	0.02	0.04	0.06	0.10	0.12	0.15	0.17	0.19	0.18	0.14	0.11	0.07	0.04	0.03	0.02	0.02	0.01	1.47	1.29		
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90																						
Φ t	0.08	0.55	1.73	3.51	5.56	7.42	8.84	9.70	9.99	9.65	8.74	7.43	5.82	4.14	2.60	1.32	0.47	0.11	98			
Φ a	0.00	0.44	1.71	3.50	5.56	7.42	8.83	9.68	9.95	9.61	8.70	7.38	5.75	4.06	2.50	1.21	0.32	0.00		87		

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:

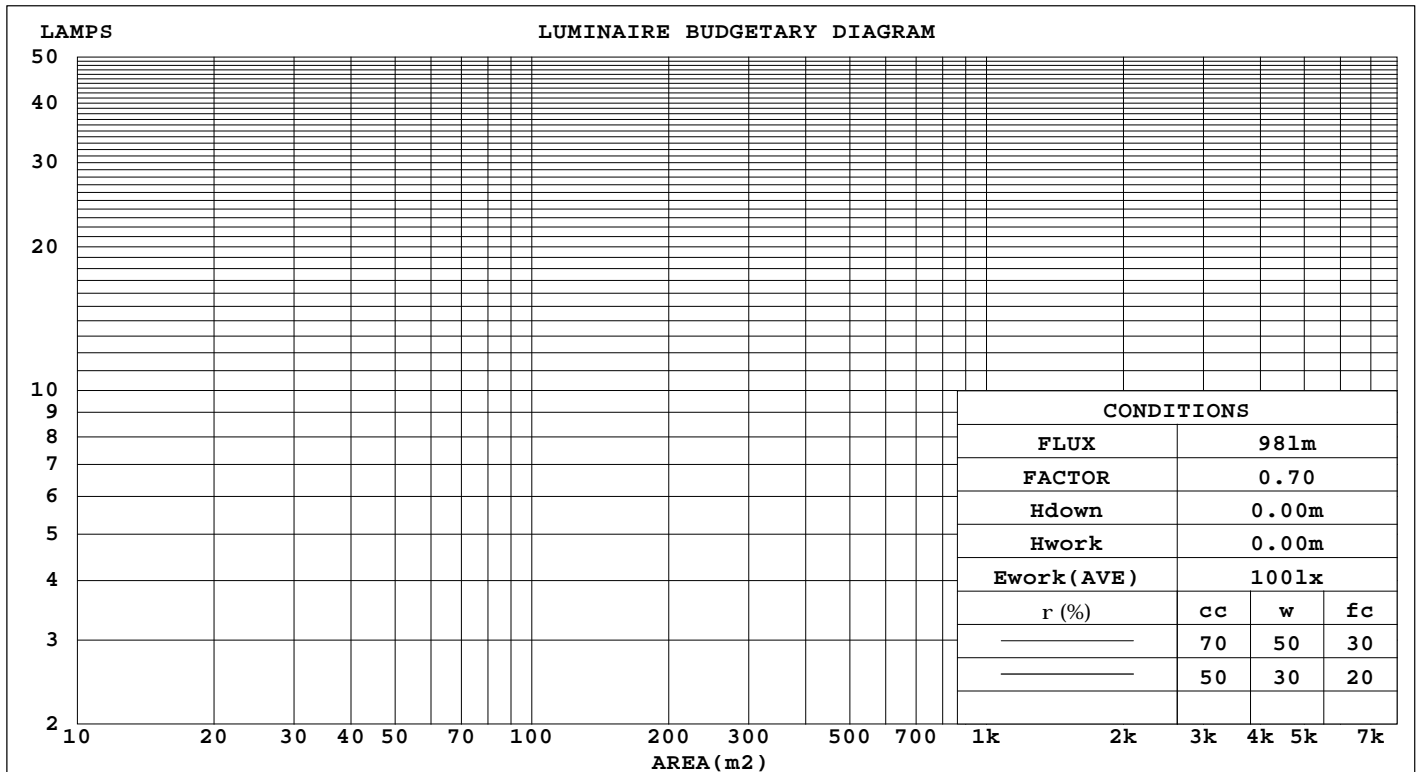
GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130010

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	1.05	1.05	1.05	.99	.99	.99	.92	.92	.92	.90
1.0	.00	.95	.91	.97	.92	.89	.90	.87	.84	.85	.82	.79	.79	.77	.75	.72
2.0	.86	.79	.73	.84	.77	.71	.78	.73	.68	.73	.69	.65	.69	.65	.62	.59
3.0	.75	.67	.60	.73	.65	.59	.69	.62	.57	.64	.59	.54	.61	.56	.52	.49
4.0	.67	.57	.51	.64	.56	.50	.61	.53	.48	.57	.51	.46	.54	.49	.44	.42
5.0	.59	.50	.43	.57	.49	.42	.54	.47	.41	.51	.45	.40	.48	.43	.38	.36
6.0	.53	.44	.37	.52	.43	.37	.49	.41	.36	.46	.39	.35	.43	.38	.33	.31
7.0	.48	.39	.33	.47	.38	.32	.44	.37	.31	.42	.35	.30	.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	.33	.28	.24	.22
10.0	.37	.29	.23	.36	.28	.23	.34	.27	.23	.32	.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 R						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050 112D			CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211130010		

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	.326	.186	.059	.307	.176	.056	.289	.167	.053	.273	.158	.051		
2.0	.306	.168	.051	.297	.163	.050	.279	.155	.048	.263	.148	.046	.249	.141	.044		
3.0	.279	.148	.044	.270	.145	.044	.255	.138	.042	.240	.132	.040	.227	.126	.039		
4.0	.255	.132	.039	.247	.130	.038	.233	.124	.037	.220	.118	.036	.208	.113	.034		
5.0	.234	.119	.035	.228	.117	.034	.215	.112	.033	.203	.107	.032	.192	.103	.031		
6.0	.216	.108	.031	.210	.106	.031	.199	.102	.030	.188	.098	.029	.178	.094	.028		
7.0	.201	.099	.028	.195	.097	.028	.185	.093	.027	.175	.090	.026	.166	.086	.025		
8.0	.187	.091	.026	.182	.090	.025	.172	.086	.025	.163	.083	.024	.155	.080	.023		
9.0	.175	.085	.024	.170	.083	.023	.161	.080	.023	.153	.077	.022	.145	.074	.021		
10.0	.164	.079	.022	.160	.077	.022	.152	.074	.021	.144	.072	.020	.137	.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	.270	.270	.270	.231	.231	.231	.158	.158	.158	.091	.091	.091	.029	.029	.029		
1.0	.263	.236	.213	.225	.203	.183	.154	.140	.127	.088	.081	.074	.028	.026	.024		
2.0	.255	.213	.177	.219	.183	.153	.150	.127	.107	.086	.074	.063	.028	.024	.020		
3.0	.248	.196	.155	.212	.169	.134	.146	.117	.094	.084	.069	.055	.027	.022	.018		
4.0	.240	.183	.139	.206	.158	.121	.142	.110	.085	.082	.065	.050	.026	.021	.017		
5.0	.233	.173	.129	.200	.150	.112	.138	.104	.079	.080	.061	.047	.026	.020	.015		
6.0	.226	.165	.121	.194	.143	.105	.134	.100	.075	.078	.059	.044	.025	.019	.015		
7.0	.219	.158	.116	.188	.137	.101	.130	.096	.071	.076	.057	.042	.024	.019	.014		
8.0	.212	.152	.111	.183	.132	.097	.126	.093	.069	.074	.055	.041	.024	.018	.014		
9.0	.206	.148	.108	.178	.128	.094	.123	.090	.067	.072	.053	.040	.023	.017	.013		
10.0	.200	.143	.105	.173	.124	.092	.120	.088	.065	.070	.052	.039	.023	.017	.013		

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 R					TYPE: LED Strip			WEIGHT:			
SPECIFICATION: 5050 112D		CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211130010			
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	6.8	8.2	7.2	8.6	9.0	8.3	9.7	8.7	10.1	10.5	
	8.2	9.5	8.6	9.9	10.3	10.5	11.8	11.0	12.2	12.7	
	8.6	9.9	9.1	10.3	10.8	11.6	12.9	12.1	13.3	13.8	
	8.9	10.1	9.4	10.5	11.0	12.8	13.9	13.2	14.4	14.9	
	9.1	10.2	9.6	10.7	11.2	13.3	14.4	13.8	14.9	15.4	
	9.3	10.4	9.8	10.9	11.4	13.9	15.0	14.4	15.5	16.0	
4H	2H	7.3	8.6	7.8	9.0	9.5	8.6	9.8	9.0	10.2	
	3H	8.9	10.0	9.4	10.4	11.0	11.0	12.0	11.5	12.5	
	4H	9.5	10.5	10.0	11.0	11.5	12.2	13.2	12.7	13.7	
	6H	9.9	10.8	10.4	11.3	11.9	13.5	14.4	14.1	14.9	
	8H	10.1	11.0	10.7	11.5	12.1	14.2	15.0	14.8	15.6	
	12H	10.5	11.2	11.1	11.8	12.4	14.9	15.7	15.5	16.3	
8H	4H	9.8	10.6	10.4	11.2	11.8	12.3	13.1	12.8	13.6	
	6H	10.4	11.1	11.0	11.7	12.3	13.8	14.4	14.4	15.0	
	8H	10.8	11.4	11.4	12.0	12.6	14.6	15.2	15.2	15.8	
	12H	11.2	11.8	11.9	12.4	13.1	15.5	16.1	16.2	16.7	
12H	4H	9.9	10.7	10.5	11.2	11.8	12.3	13.0	12.8	13.6	
	6H	10.5	11.2	11.2	11.8	12.4	13.8	14.4	14.4	15.0	
	8H	11.0	11.5	11.6	12.1	12.8	14.6	15.2	15.3	15.8	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					
2.0H	+ 0.2 / - 0.2					+ 0.3 / - 0.4					

CIE Pub.117 Corrected 97.96 lm Total Lamp Luminous Flux.(8log(F/F0) = -8.1)

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 R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130010

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	70	58	51	69	58	50	66	58	49	41
1.25	77	66	58	75	65	58	72	63	56	47
1.50	83	72	64	80	70	63	76	68	61	52
2.00	90	80	73	87	78	72	82	75	69	59
2.50	94	85	78	91	83	77	86	79	74	63
3.00	97	90	83	94	87	82	89	83	78	67
4.00	102	95	90	98	93	88	92	88	84	71
5.00	104	99	94	101	96	92	95	91	87	74
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

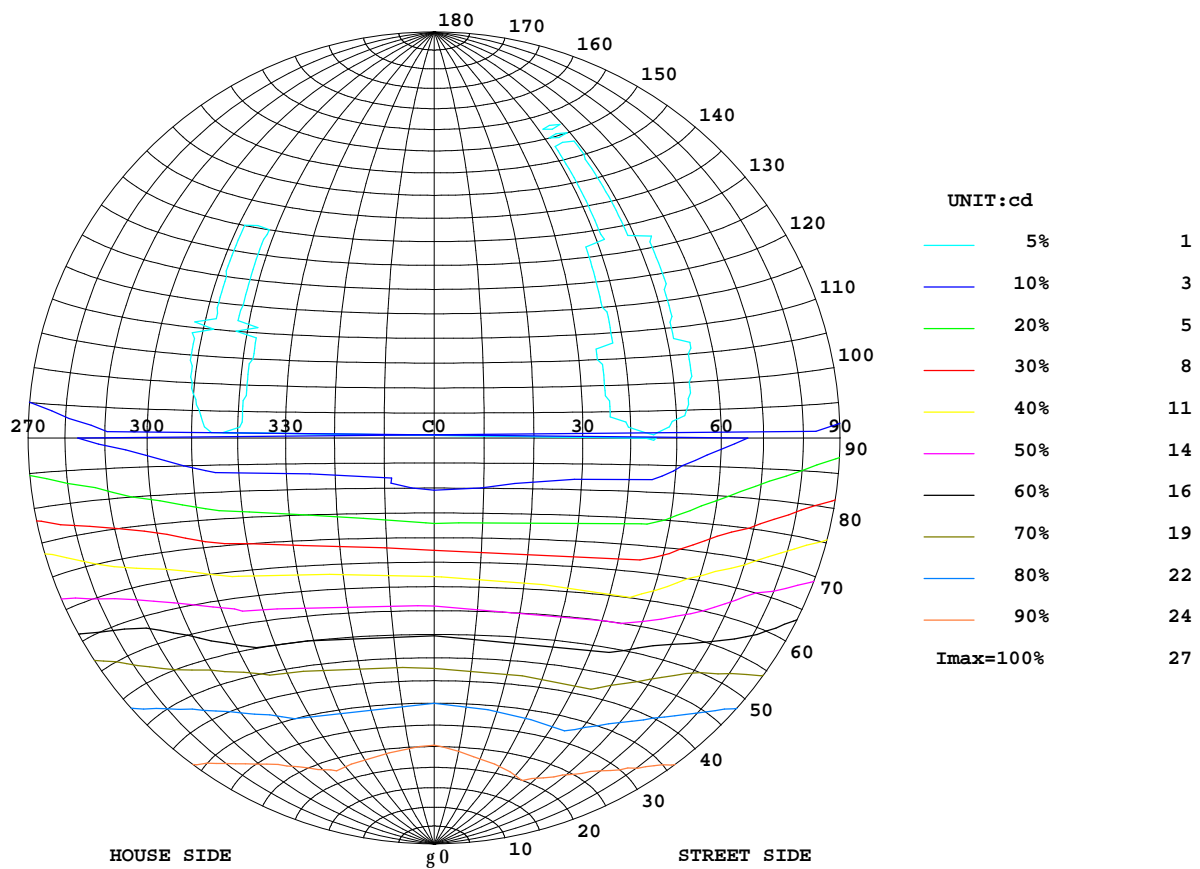
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月30日

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 R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130010



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

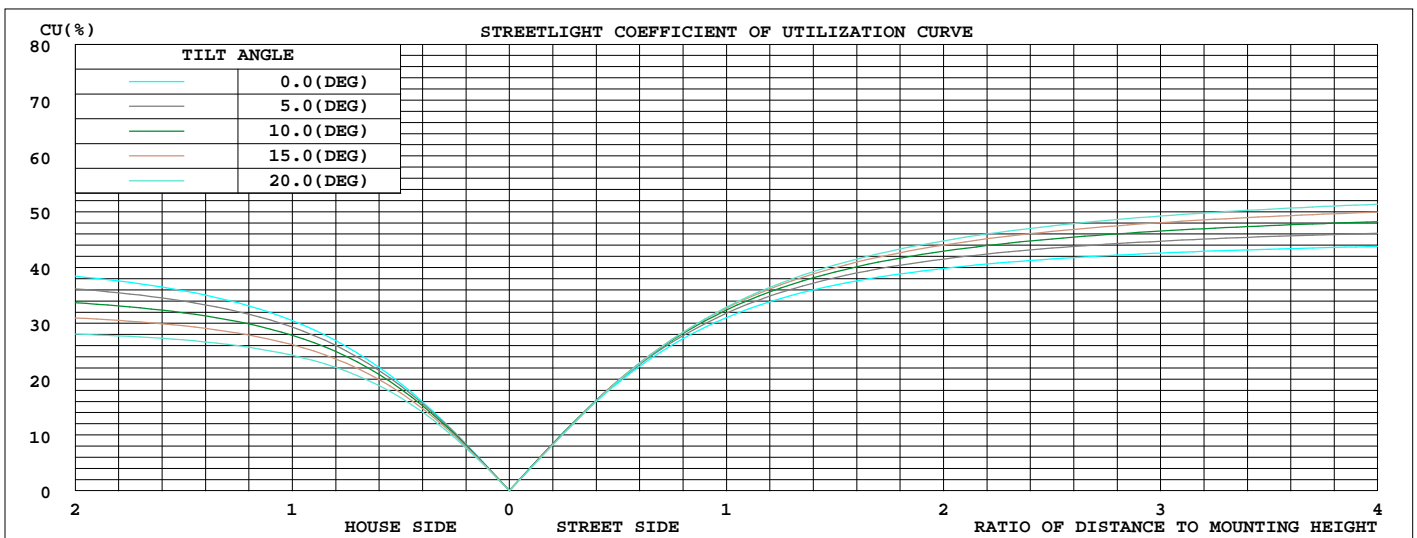
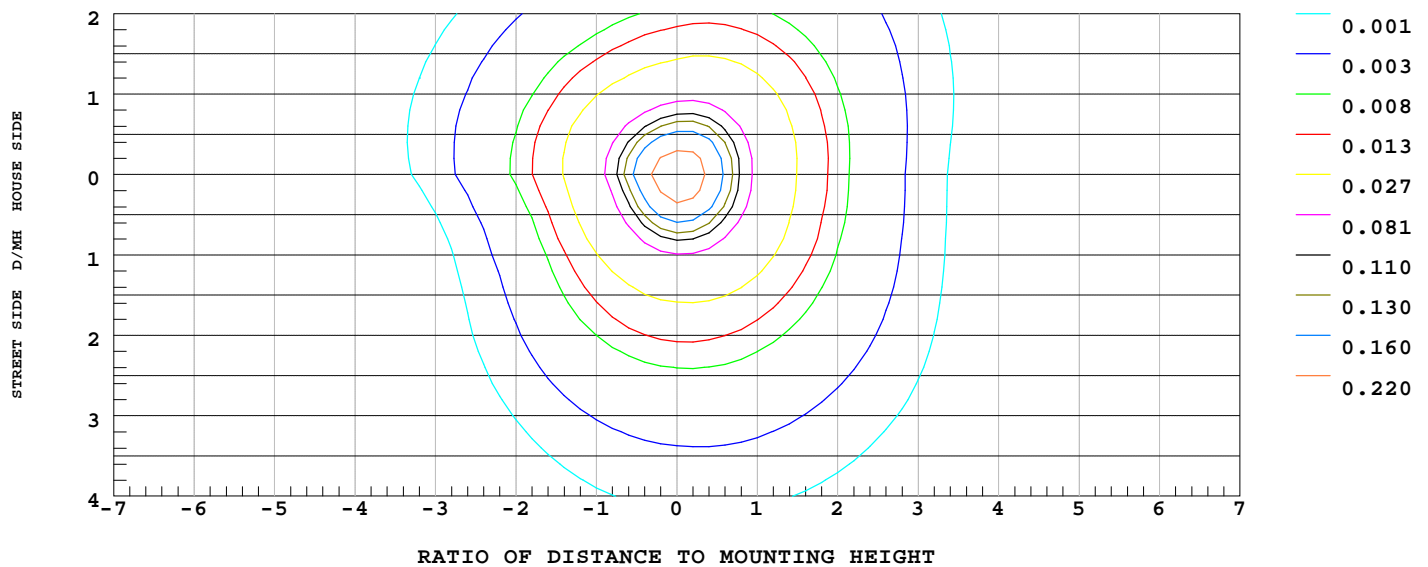
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130010

ILLUMINANCE AT MH=10 m, Enadir = 0.27 lx



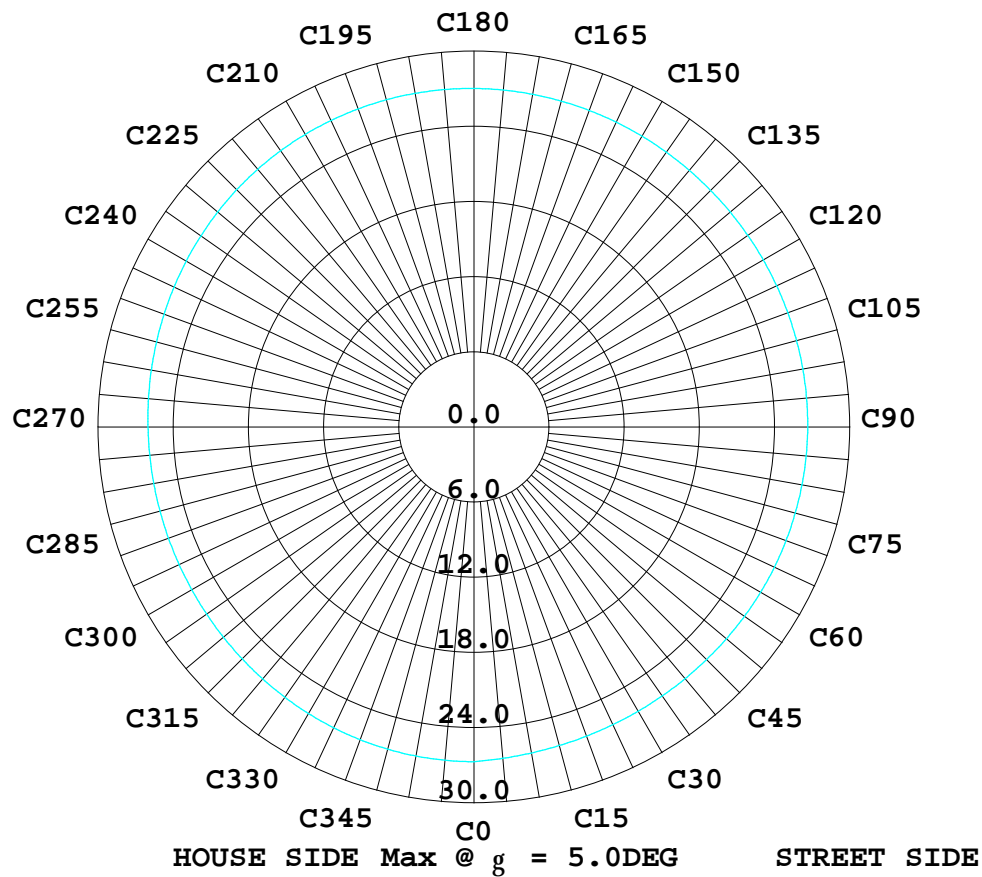
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月30日

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 R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130010



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: