

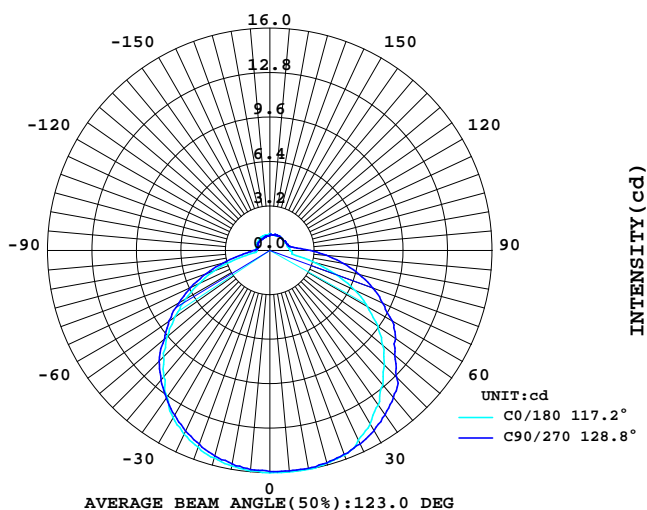
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

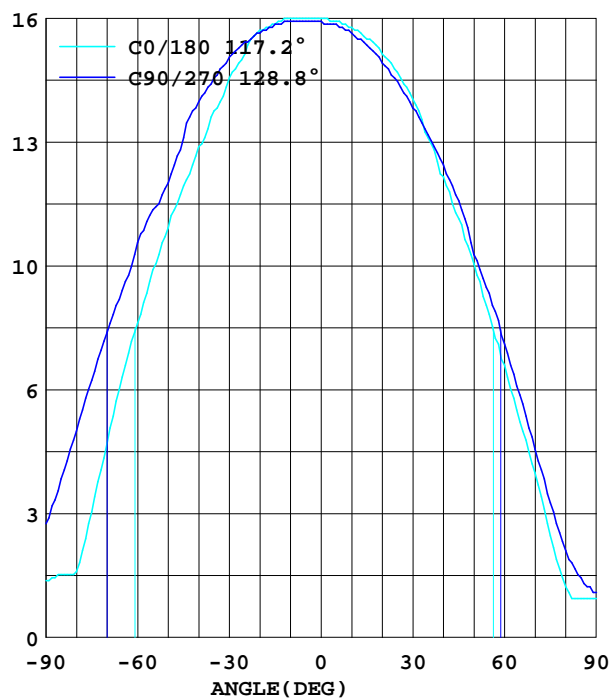
MANUFACTURER:			
Address:			
NAME: 48-RS-5050-24-96-12-X-Y-R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015013

DATA OF LAMP		Imax(cd)	16.03	S/MH(C0/180)	1.32
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.40
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	60.813	Voltage(V)	23.98
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	17.8	Current(A)	0.142
NOMINAL FLUX(lm)	60.8	h up(%)	12.2	Power(W)	3.420
LAMPS QUANTITY	1	h down(%)	87.8	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	53.4	EEL	0.378

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-R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015013

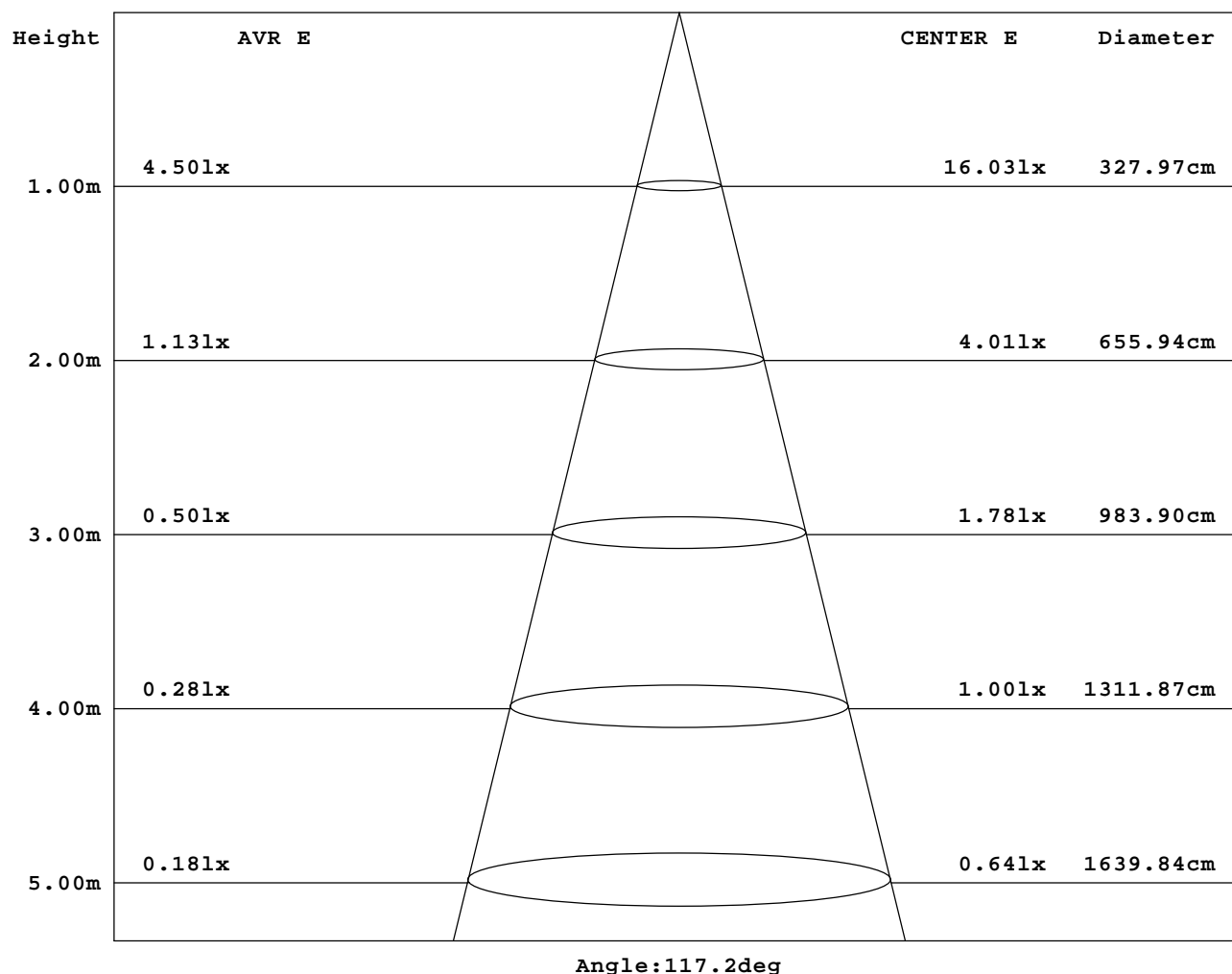
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月15日

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-R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015013



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-R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015013

g	C0	C45	C90	C135	C180	C225	C270	C315	g	4one	tBtal
5.0	16.03	15.95	15.95	15.87	15.95	16.03	15.87	15.95	0- 5	0.382	0.382
10.0	16.03	15.79	15.95	15.72	15.79	15.95	15.64	15.87	5- 10	1.137	1.519
15.0	15.87	15.56	15.87	15.48	15.48	15.79	15.33	15.72	10- 15	1.869	3.388
20.0	15.72	15.25	15.64	15.17	15.10	15.48	14.86	15.41	15- 20	2.555	5.944
25.0	15.10	14.79	15.41	14.71	14.63	15.10	14.40	14.94	20- 25	3.173	9.118
30.0	14.48	14.17	15.02	14.09	13.93	14.63	13.70	14.40	25- 30	3.695	12.81
35.0	13.62	13.55	14.48	13.39	12.93	13.93	13.00	13.78	30- 35	4.106	16.92
40.0	12.70	12.70	13.86	12.62	11.92	13.24	12.23	13.08	35- 40	4.398	21.31
45.0	11.69	11.77	12.93	11.69	10.84	12.46	11.30	12.23	40- 45	4.568	25.88
50.0	10.60	10.91	11.77	10.84	9.680	11.53	9.912	11.30	45- 50	4.586	30.47
55.0	9.525	9.602	11.07	9.447	8.363	10.60	8.905	10.37	50- 55	4.473	34.94
60.0	8.131	8.208	10.22	8.131	7.047	9.137	7.589	8.750	55- 60	4.198	39.14
65.0	6.737	7.279	8.983	7.047	5.575	7.744	6.272	7.434	60- 65	3.769	42.91
70.0	5.033	6.117	7.898	5.962	4.259	6.350	4.878	5.885	65- 70	3.268	46.18
75.0	3.252	4.878	6.659	4.491	2.632	5.265	3.484	4.568	70- 75	2.692	48.87
80.0	1.703	3.794	5.343	3.562	1.316	3.794	2.245	3.097	75- 80	1.991	50.86
85.0	1.626	2.632	4.104	2.478	1.006	2.710	1.548	2.323	80- 85	1.465	52.33
90.0	1.471	1.626	2.942	1.471	1.006	1.858	1.161	1.703	85- 90	1.068	53.40
95.0	1.393	1.006	2.013	0.929	1.006	1.548	0.929	1.471	90- 95	0.796	54.19
100.0	1.393	0.929	1.548	0.929	1.006	1.471	0.929	1.393	95-100	0.676	54.87
105.0	1.316	0.929	1.393	0.929	1.006	1.393	0.929	1.393	100-105	0.630	55.50
110.0	1.316	0.929	1.316	0.929	1.006	1.393	0.929	1.316	105-110	0.605	56.10
115.0	1.316	0.929	1.316	0.929	1.084	1.316	1.006	1.316	110-115	0.581	56.69
120.0	1.239	1.006	1.316	0.929	1.084	1.316	1.006	1.316	115-120	0.559	57.24
125.0	1.239	1.006	1.239	0.929	1.084	1.316	1.006	1.239	120-125	0.526	57.77
130.0	1.239	1.006	1.239	1.006	1.084	1.239	1.006	1.239	125-130	0.491	58.26
135.0	1.239	1.006	1.239	1.006	1.084	1.239	1.006	1.239	130-135	0.458	58.72
140.0	1.239	1.006	1.239	1.006	1.161	1.239	1.006	1.239	135-140	0.420	59.14
145.0	1.239	1.006	1.239	1.006	1.161	1.239	1.006	1.239	140-145	0.381	59.52
150.0	1.239	1.006	1.239	1.006	1.161	1.239	1.006	1.239	145-150	0.335	59.86
155.0	1.161	1.084	1.239	1.006	1.161	1.239	1.006	1.161	150-155	0.288	60.14
160.0	1.161	1.084	1.239	1.006	1.161	1.239	1.006	1.161	155-160	0.238	60.38
165.0	1.161	1.084	1.161	1.006	1.161	1.161	1.084	1.161	160-165	0.185	60.57
170.0	1.161	1.084	1.161	1.084	1.161	1.161	1.084	1.161	165-170	0.133	60.70
175.0	1.161	1.084	1.161	1.006	1.161	1.161	1.084	1.161	170-175	0.081	60.78
180.0	1.161	1.084	1.161	1.084	1.239	1.161	1.084	1.161	175-180	0.027	60.81
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:

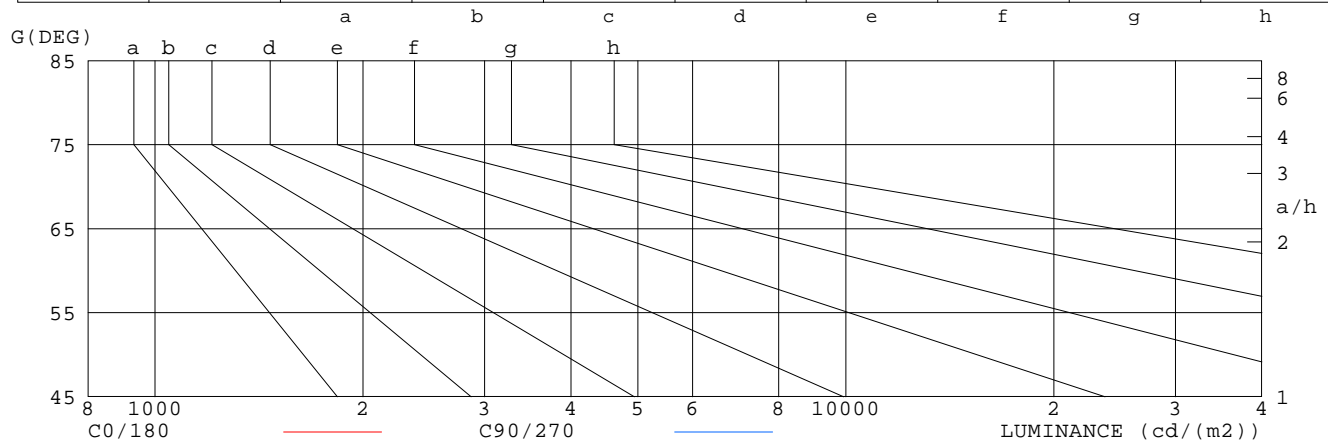
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 48-RS-5050-24-96-12-X-Y-R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015013

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	187	471
80	98	308
75	126	257
70	147	231
65	159	213
60	163	204
55	166	193
50	165	183
45	165	183

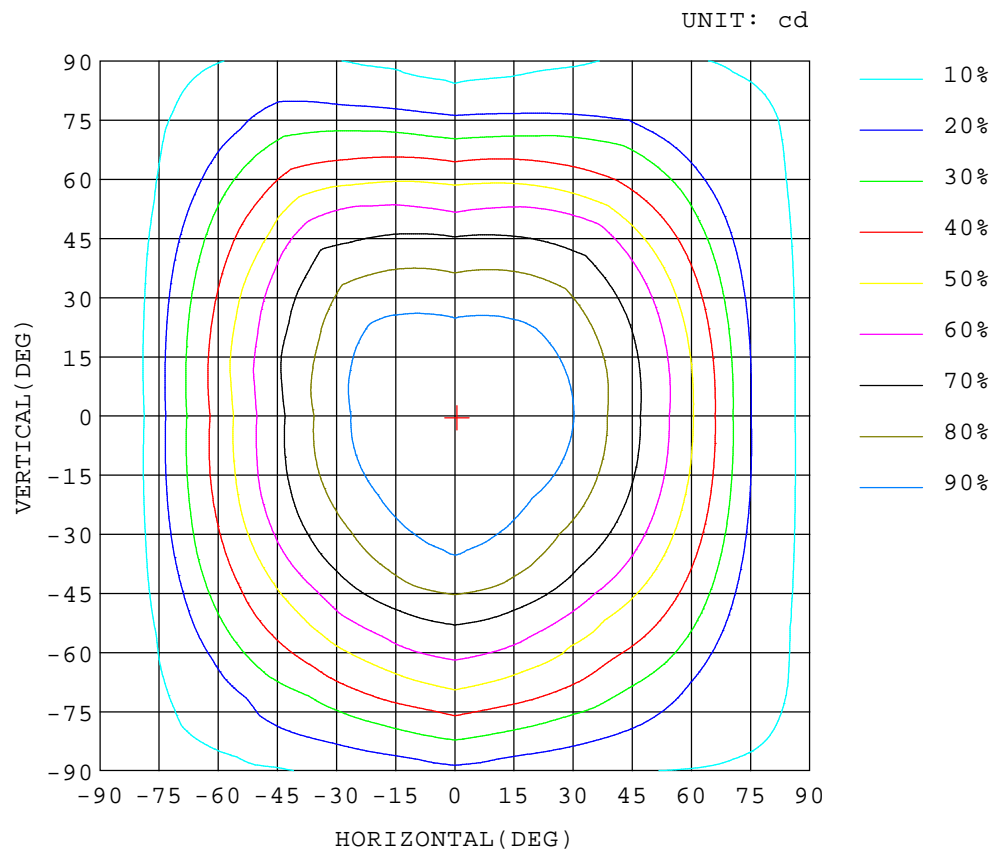
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年10月15日

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-R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015013



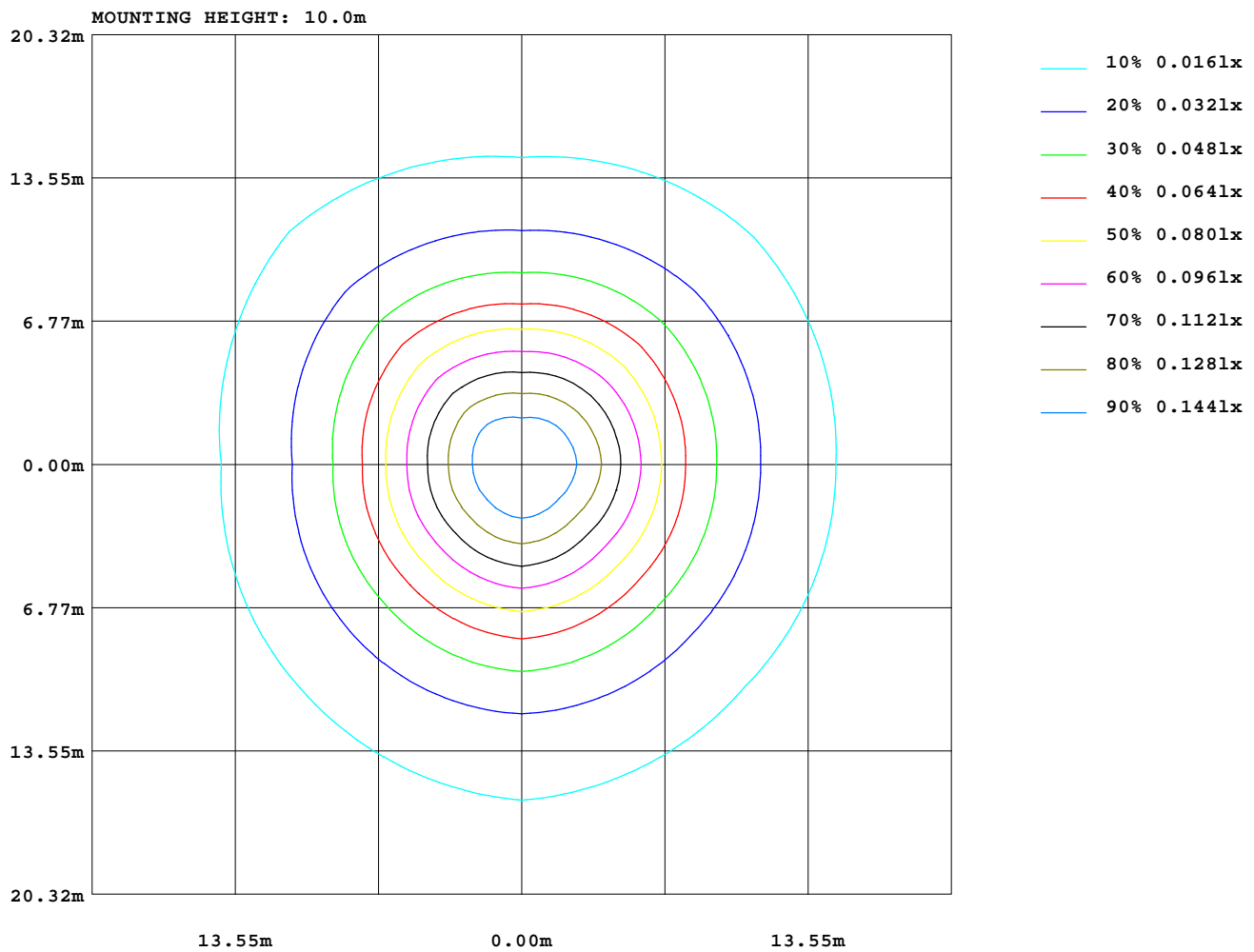
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年10月15日

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-R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015013



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-R					TYPE: LED Strip				
SPECIFICATION: 5050/96D			CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211015013

VERTICAL(DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.00	0.01	0.02	0.04	0.05	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.04	0.03	0.02	0.01	0.00	0.67	0.56		
90																						
80	0.00	0.01	0.03	0.05	0.08	0.10	0.11	0.12	0.11	0.11	0.11	0.10	0.09	0.07	0.05	0.03	0.01	0.00	1.18	1.17		
70	0.00	0.01	0.04	0.07	0.12	0.16	0.18	0.19	0.19	0.19	0.19	0.17	0.14	0.11	0.07	0.03	0.02	0.00	1.89	1.88		
60	0.00	0.01	0.05	0.10	0.15	0.21	0.25	0.27	0.27	0.27	0.27	0.24	0.20	0.15	0.09	0.05	0.02	0.00	2.60	2.60		
50	0.00	0.02	0.06	0.12	0.19	0.26	0.31	0.33	0.34	0.34	0.33	0.30	0.26	0.19	0.12	0.06	0.02	0.00	3.24	3.24		
40	0.00	0.02	0.07	0.13	0.21	0.29	0.35	0.39	0.40	0.40	0.38	0.35	0.29	0.22	0.14	0.07	0.02	0.00	3.73	3.72		
30	0.00	0.02	0.07	0.14	0.23	0.31	0.38	0.42	0.44	0.44	0.42	0.38	0.31	0.24	0.15	0.08	0.02	0.00	4.07	4.06		
	0.00	0.02	0.07	0.15	0.24	0.32	0.40	0.45	0.47	0.47	0.45	0.40	0.33	0.25	0.16	0.08	0.03	0.00	4.29	4.29		
	0.00	0.02	0.07	0.15	0.24	0.33	0.40	0.46	0.48	0.48	0.46	0.41	0.34	0.25	0.17	0.09	0.03	0.00	4.38	4.38		
	0.00	0.02	0.07	0.15	0.23	0.32	0.40	0.45	0.48	0.48	0.46	0.41	0.34	0.25	0.16	0.09	0.03	0.00	4.36	4.36		
	0.00	0.02	0.07	0.14	0.23	0.32	0.39	0.44	0.47	0.48	0.45	0.40	0.33	0.24	0.16	0.08	0.03	0.00	4.26	4.25		
-30	0.00	0.02	0.07	0.14	0.22	0.30	0.37	0.43	0.46	0.46	0.43	0.37	0.31	0.23	0.15	0.08	0.03	0.00	4.05	4.05		
-40	0.00	0.02	0.06	0.12	0.20	0.28	0.34	0.40	0.43	0.43	0.40	0.34	0.28	0.21	0.14	0.07	0.02	0.00	3.74	3.74		
-50	0.00	0.02	0.05	0.11	0.17	0.24	0.30	0.35	0.38	0.38	0.35	0.31	0.24	0.18	0.12	0.06	0.02	0.00	3.29	3.29		
-60	0.00	0.01	0.04	0.09	0.14	0.20	0.25	0.30	0.33	0.33	0.30	0.25	0.20	0.15	0.10	0.05	0.02	0.00	2.76	2.75		
-70	0.00	0.01	0.03	0.07	0.11	0.16	0.20	0.24	0.26	0.27	0.24	0.20	0.16	0.12	0.07	0.04	0.02	0.00	2.20	2.19		
-80	0.00	0.01	0.03	0.05	0.08	0.11	0.14	0.17	0.19	0.20	0.17	0.15	0.12	0.08	0.05	0.03	0.01	0.00	1.60	1.58		
-90	0.00	0.01	0.02	0.03	0.05	0.07	0.09	0.10	0.12	0.12	0.11	0.09	0.07	0.05	0.04	0.02	0.01	0.00	0.99	0.94		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90		
Φ t	0.05	0.31	0.93	1.84	2.94	4.02	4.93	5.56	5.89	5.89	5.56	4.93	4.04	3.02	1.96	1.03	0.36	0.08	61			
Φ a	0.00	0.24	0.91	1.83	2.94	4.02	4.92	5.55	5.87	5.86	5.55	4.92	4.04	3.02	1.96	1.02	0.35	0.05		53		

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:

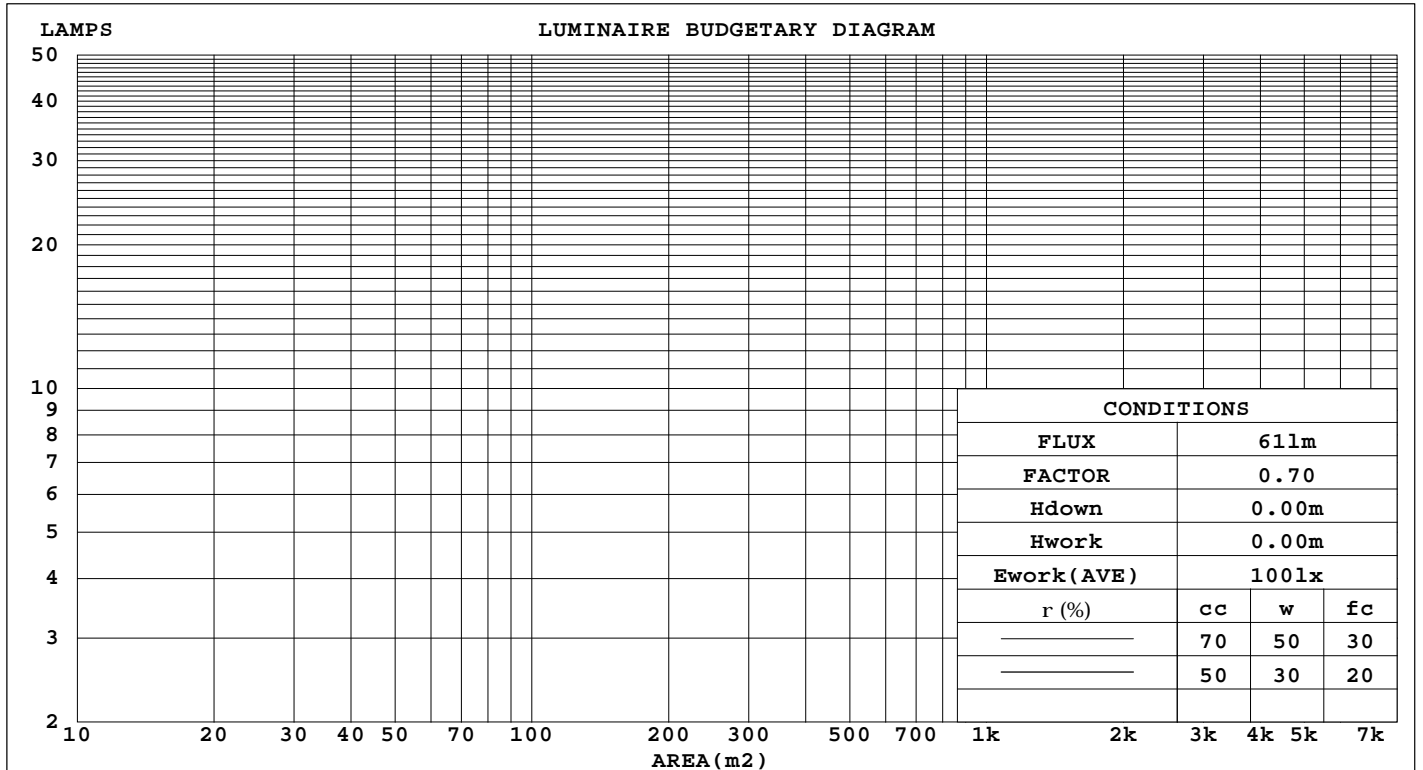
GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:											
Address:											
NAME: 48-RS-5050-24-96-12-X-Y-R						TYPE: LED Strip				WEIGHT:	
SPECIFICATION: 5050/96D				CCT(K): 0		DIMENSION: 1M*0.012M				SERIAL No.: 20211015013	

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	.99	.95	.90	.96	.92	.88	.89	.86	.83	.83	.81	.78	.78	.76	.74	.71
2.0	.86	.79	.72	.83	.76	.71	.77	.72	.67	.72	.68	.64	.67	.64	.61	.58
3.0	.75	.66	.59	.72	.64	.58	.68	.61	.56	.63	.58	.53	.59	.55	.51	.48
4.0	.66	.57	.50	.64	.55	.49	.60	.53	.47	.56	.50	.45	.52	.47	.43	.40
5.0	.59	.49	.43	.57	.48	.42	.53	.46	.40	.50	.44	.39	.47	.42	.37	.35
6.0	.53	.43	.37	.51	.42	.36	.48	.40	.35	.45	.39	.34	.42	.37	.32	.30
7.0	.47	.39	.32	.46	.38	.32	.43	.36	.31	.41	.34	.30	.39	.33	.29	.26
8.0	.43	.35	.29	.42	.34	.28	.40	.32	.27	.37	.31	.26	.35	.30	.26	.23
9.0	.40	.31	.26	.38	.31	.25	.36	.29	.24	.34	.28	.24	.33	.27	.23	.21
10.0	.36	.28	.23	.35	.28	.23	.34	.27	.22	.32	.26	.21	.30	.25	.21	.19



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-R						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050/96D				CCT(K): 0		DIMENSION: 1M*0.012M			SERIAL No.: 20211015013		

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	.341	.194	.061	.330	.188	.060	.309	.178	.057	.291	.168	.054	.274	.159	.051	
2.0	.308	.169	.052	.299	.164	.051	.280	.156	.048	.263	.148	.046	.248	.140	.044	
3.0	.280	.149	.045	.271	.145	.044	.255	.138	.042	.240	.131	.040	.226	.125	.039	
4.0	.256	.133	.039	.248	.130	.038	.233	.124	.037	.219	.118	.036	.206	.112	.034	
5.0	.235	.120	.035	.228	.117	.034	.214	.112	.033	.202	.106	.032	.190	.102	.031	
6.0	.217	.109	.031	.210	.106	.031	.198	.101	.030	.187	.097	.028	.176	.093	.027	
7.0	.201	.099	.028	.195	.097	.028	.184	.093	.027	.173	.089	.026	.164	.085	.025	
8.0	.187	.091	.026	.182	.089	.025	.171	.086	.024	.162	.082	.024	.153	.079	.023	
9.0	.175	.085	.024	.170	.083	.023	.161	.079	.022	.152	.076	.022	.144	.073	.021	
10.0	.164	.079	.022	.159	.077	.021	.151	.074	.021	.143	.071	.020	.135	.068	.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	.283	.283	.283	.242	.242	.242	.165	.165	.165	.095	.095	.095	.030	.030	.030		
1.0	.276	.249	.226	.236	.214	.194	.162	.147	.134	.093	.085	.078	.030	.027	.025		
2.0	.269	.226	.190	.230	.195	.164	.158	.135	.115	.091	.078	.067	.029	.025	.022		
3.0	.261	.209	.168	.224	.180	.145	.154	.125	.102	.089	.073	.060	.029	.024	.020		
4.0	.254	.196	.153	.218	.170	.132	.150	.118	.093	.087	.069	.055	.028	.023	.018		
5.0	.246	.186	.142	.211	.161	.124	.146	.113	.087	.084	.066	.052	.027	.022	.017		
6.0	.239	.178	.135	.205	.154	.117	.142	.108	.083	.082	.064	.049	.027	.021	.016		
7.0	.232	.171	.129	.200	.149	.112	.138	.104	.080	.080	.061	.047	.026	.020	.016		
8.0	.226	.166	.125	.194	.144	.109	.134	.101	.077	.078	.060	.046	.025	.020	.015		
9.0	.220	.161	.121	.189	.140	.106	.131	.098	.075	.076	.058	.045	.025	.019	.015		
10.0	.214	.157	.119	.184	.136	.104	.128	.096	.074	.075	.057	.044	.024	.019	.015		

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-R					TYPE: LED Strip			WEIGHT:			
SPECIFICATION: 5050/96D		CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211015013			
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	5.9	7.3	6.3	7.7	8.2	6.7	8.1	7.1	8.5	8.9	
	7.5	8.8	8.0	9.3	9.7	8.9	10.2	9.4	10.6	11.1	
	8.1	9.3	8.6	9.8	10.3	10.1	11.3	10.5	11.7	12.2	
	8.4	9.6	8.9	10.1	10.6	11.2	12.3	11.7	12.8	13.4	
	8.6	9.7	9.1	10.2	10.7	11.8	12.9	12.3	13.4	13.9	
	8.8	9.9	9.3	10.4	11.0	12.4	13.5	12.9	14.0	14.5	
4H	2H	6.6	7.8	7.1	8.3	8.8	7.2	8.4	7.7	8.9	9.4
	3H	8.5	9.5	9.0	10.0	10.6	9.6	10.7	10.2	11.2	11.8
	4H	9.2	10.2	9.8	10.7	11.3	10.9	11.9	11.5	12.4	13.0
	6H	9.7	10.6	10.3	11.1	11.7	12.2	13.1	12.8	13.7	14.3
	8H	9.9	10.7	10.5	11.3	11.9	12.9	13.7	13.5	14.3	15.0
	12H	10.2	11.0	10.8	11.6	12.2	13.7	14.4	14.3	15.0	15.7
8H	4H	9.7	10.5	10.3	11.1	11.7	11.2	12.0	11.8	12.6	13.2
	6H	10.5	11.1	11.1	11.7	12.4	12.7	13.4	13.4	14.0	14.7
	8H	10.9	11.5	11.5	12.1	12.8	13.6	14.2	14.2	14.8	15.5
	12H	11.4	11.9	12.0	12.5	13.3	14.5	15.1	15.2	15.7	16.4
12H	4H	9.8	10.6	10.4	11.2	11.8	11.2	11.9	11.8	12.5	13.2
	6H	10.7	11.3	11.4	11.9	12.6	12.8	13.4	13.5	14.0	14.8
	8H	11.2	11.7	11.9	12.4	13.1	13.7	14.3	14.4	14.9	15.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.1 / - 0.2					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.2					

CIE Pub.117 Corrected 60.81 lm Total Lamp Luminous Flux.(8log(F/F0) = -9.7)

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-R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015013

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	39	32	49	38	32	25
0.80	61	49	41	60	48	41	57	47	40	32
1.00	69	57	50	68	57	49	64	57	48	40
1.25	77	65	57	74	64	56	71	61	55	46
1.50	82	71	63	79	69	62	75	66	60	50
2.00	89	79	72	86	77	70	81	74	68	57
2.50	93	84	77	90	82	76	84	78	73	61
3.00	97	89	82	93	86	80	87	82	77	65
4.00	101	94	89	98	92	86	91	86	82	70
5.00	104	98	93	100	95	90	93	89	86	73
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

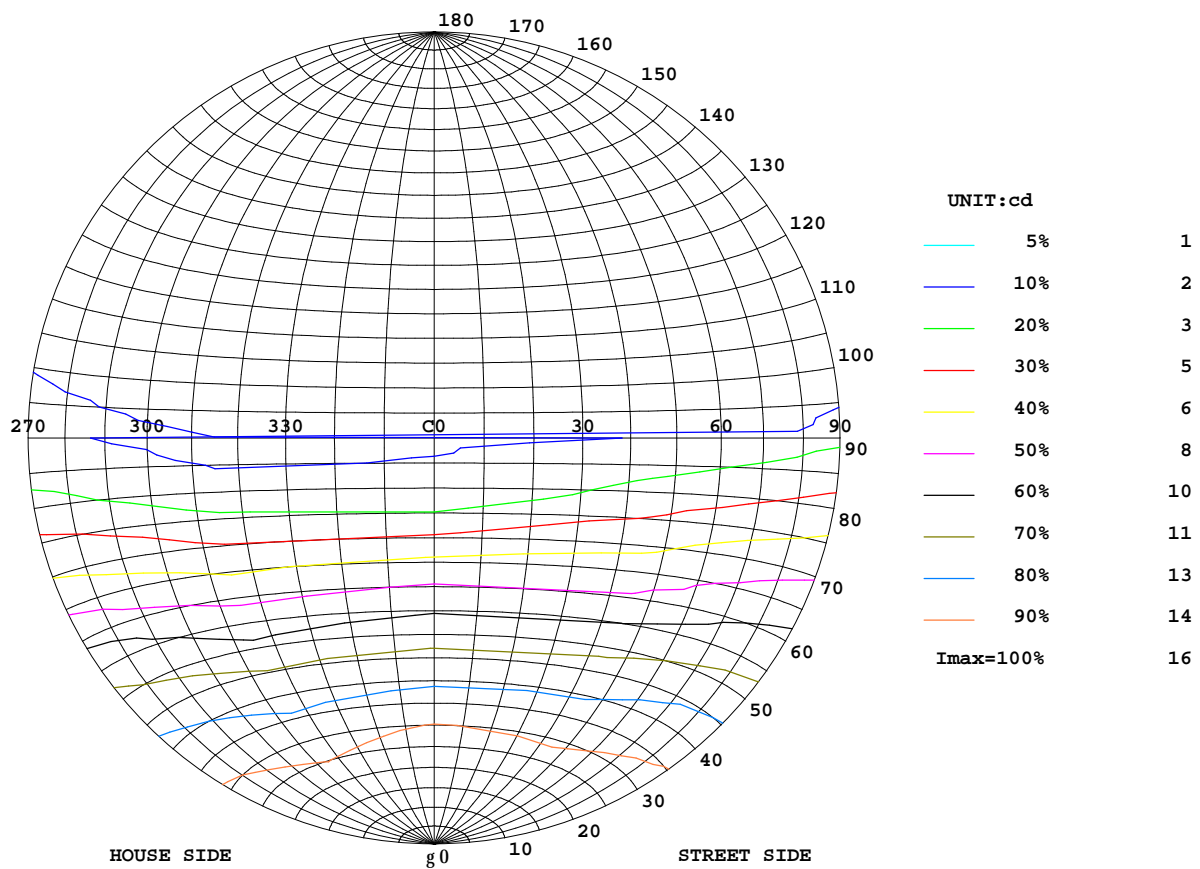
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月15日

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-R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015013



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

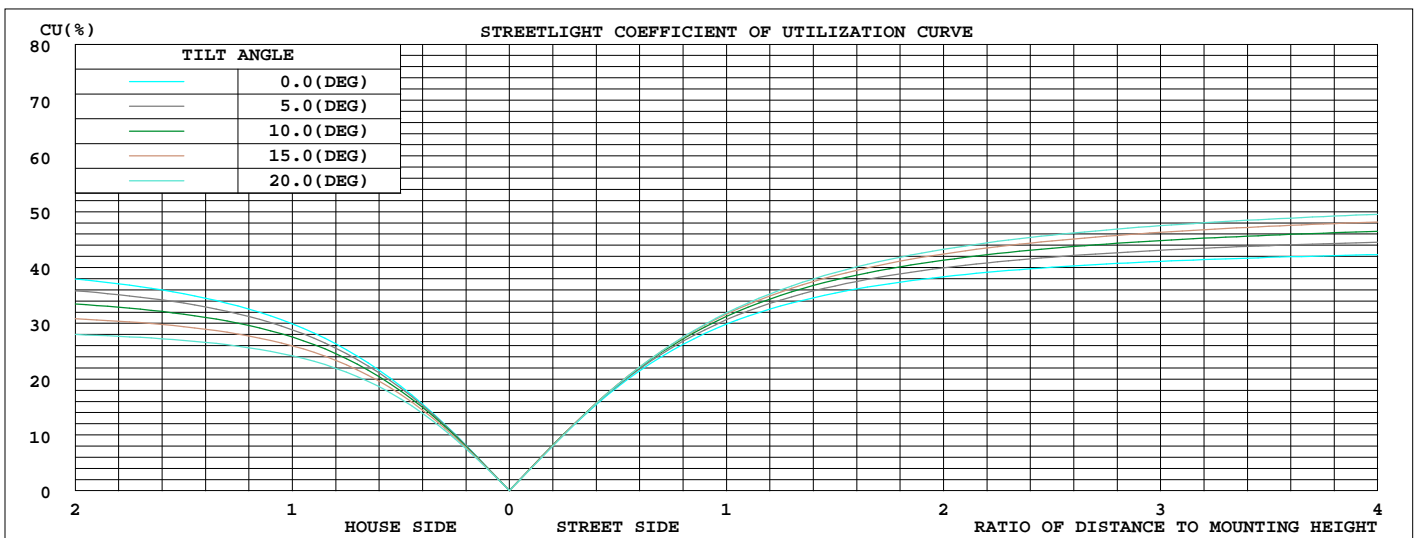
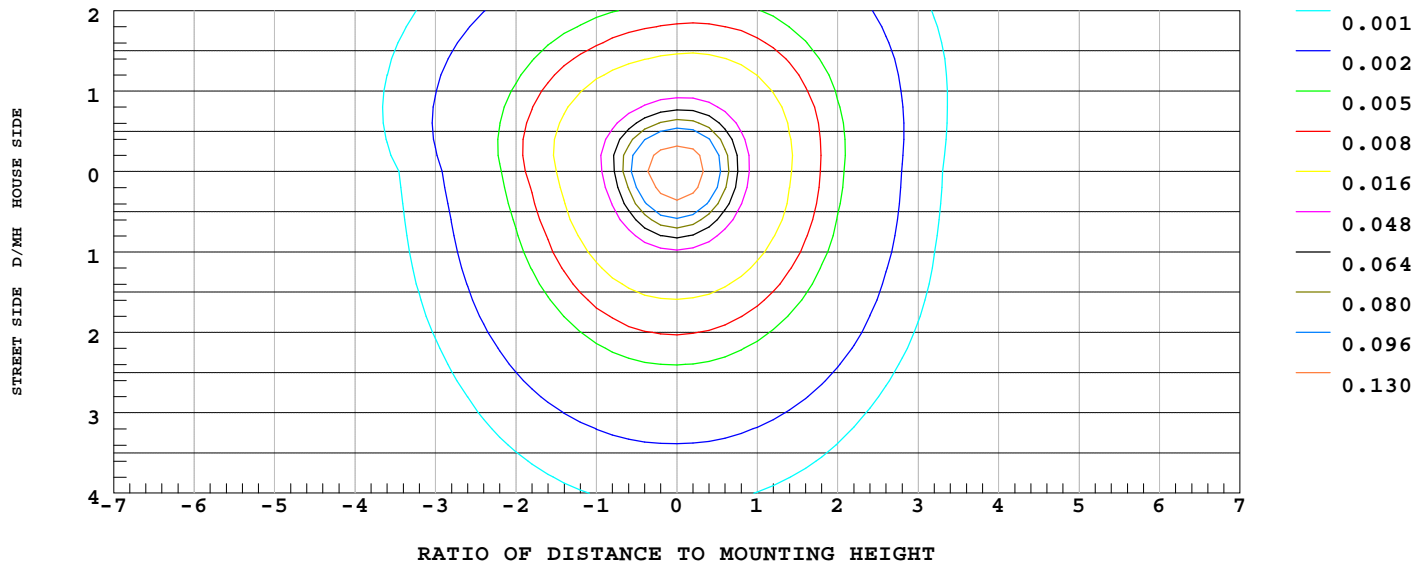
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 48-RS-5050-24-96-12-X-Y-R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015013

ILLUMINANCE AT MH=10 m, Enadir = 0.16 lx



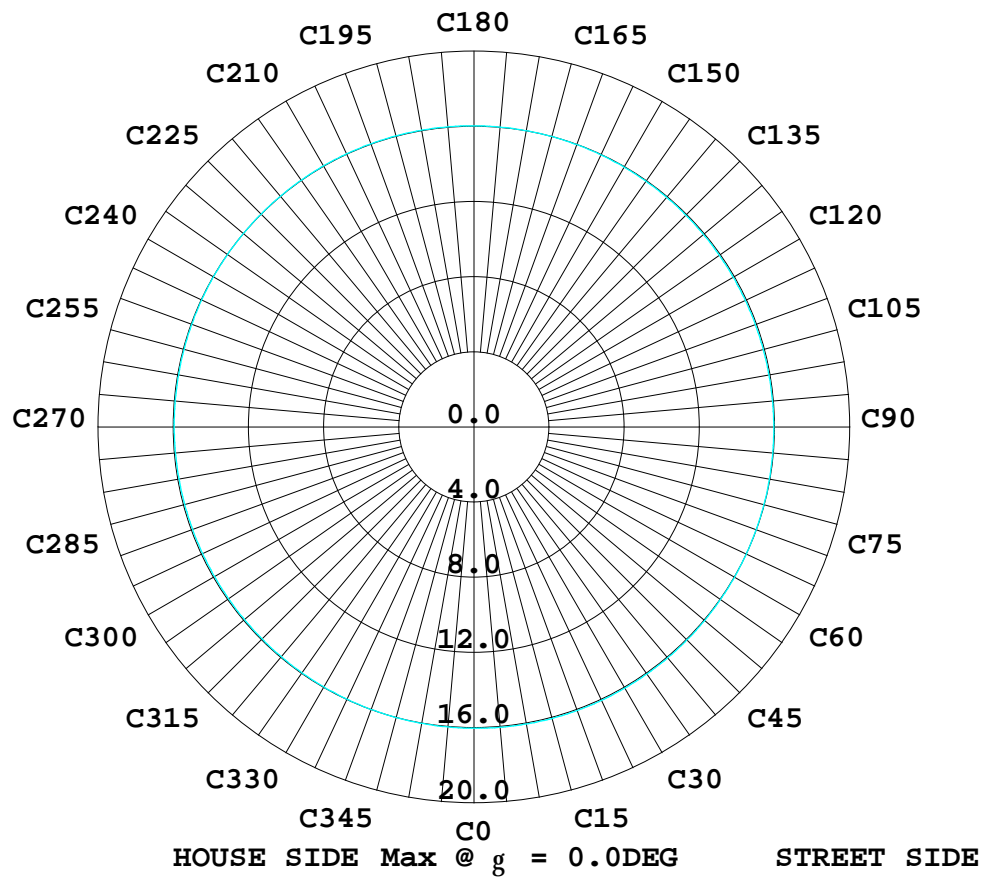
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年10月15日

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-R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015013



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: