

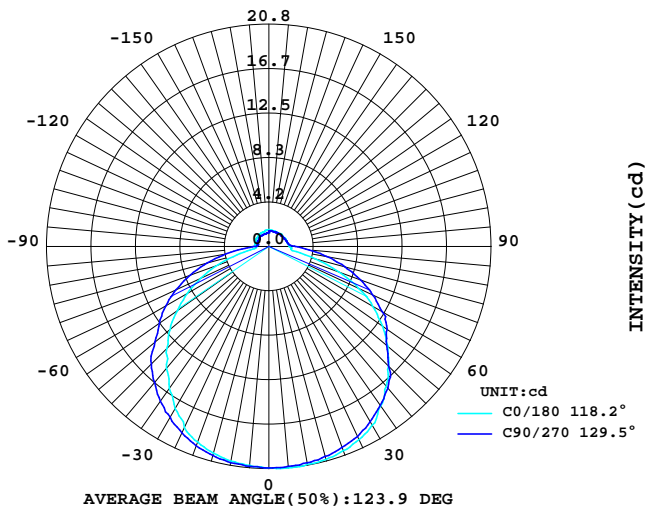
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

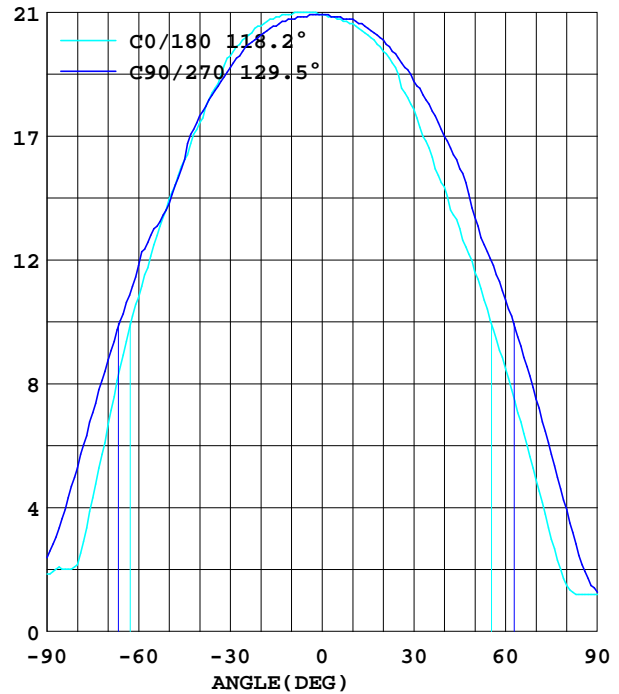
MANUFACTURER:			
Address:			
NAME: 36-RS-5050-12V-48Z-08-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124013

DATA OF LAMP		Imax(cd)	20.83	S/MH(C0/180)	1.36
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.36
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	78.685	Voltage(V)	12.00
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	27.9	Current(A)	0.235
NOMINAL FLUX(lm)	78.7	h up(%)	11.7	Power(W)	2.820
LAMPS QUANTITY	1	h down(%)	88.3	Power Factor(PF)	1.000
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	69.1	EEL	0.264

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月24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: 36-RS-5050-12V-48Z-08-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124013

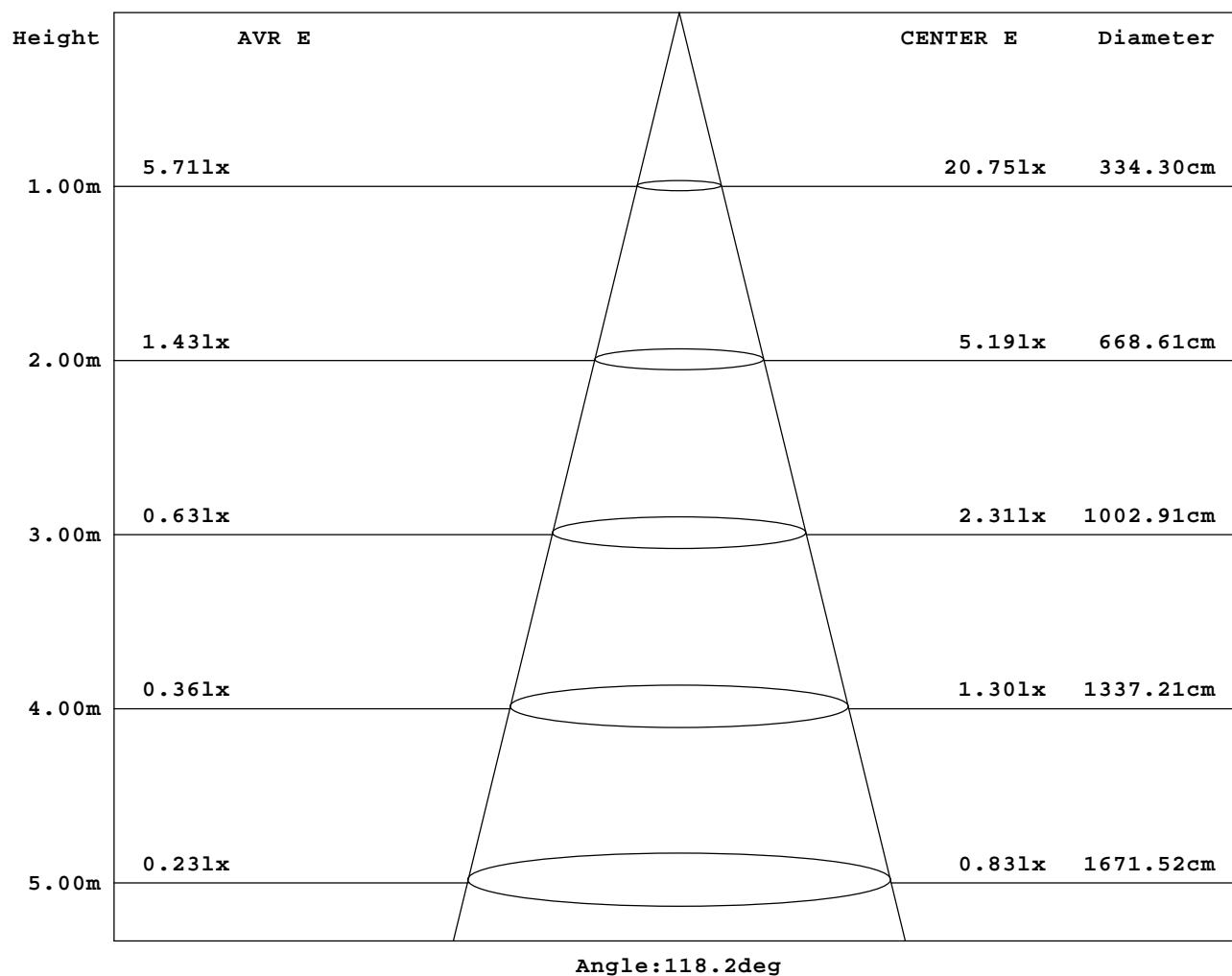
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月24日

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: 36-RS-5050-12V-48Z-08-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124013



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021年11月24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: 36-RS-5050-12V-48Z-08-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124013

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tBtal
5.0	20.83	20.52	20.67	20.44	20.59	20.75	20.67	20.75	0- 5	0.495	0.495
10.0	20.75	20.28	20.59	20.21	20.44	20.75	20.59	20.75	5- 10	1.474	1.969
15.0	20.67	19.97	20.36	19.90	20.05	20.67	20.28	20.67	10- 15	2.426	4.395
20.0	20.36	19.51	20.05	19.43	19.51	20.44	19.90	20.44	15- 20	3.321	7.717
25.0	19.97	18.89	19.66	18.74	18.74	19.97	19.28	20.05	20- 25	4.130	11.84
30.0	19.36	18.04	18.97	17.88	17.57	19.36	18.50	19.43	25- 30	4.814	16.66
35.0	18.27	17.03	18.19	16.88	16.26	18.58	17.73	18.74	30- 35	5.350	22.01
40.0	17.11	15.87	17.34	15.72	14.94	17.73	16.64	17.88	35- 40	5.729	27.74
45.0	15.87	14.63	15.87	14.48	13.55	16.72	15.56	16.88	40- 45	5.948	33.69
50.0	14.55	13.47	14.40	13.24	12.08	15.56	13.93	15.87	45- 50	5.981	39.67
55.0	13.00	11.84	13.55	11.53	10.45	14.40	12.54	14.71	50- 55	5.851	45.52
60.0	11.22	9.989	12.31	9.757	8.828	12.54	11.15	13.00	55- 60	5.530	51.05
65.0	9.292	8.673	10.68	8.440	7.047	10.45	9.602	11.30	60- 65	4.981	56.03
70.0	6.969	6.969	9.137	6.814	5.111	8.595	7.821	9.215	65- 70	4.305	60.34
75.0	4.491	5.188	7.356	5.111	3.097	7.201	5.962	7.511	70- 75	3.508	63.84
80.0	2.245	3.872	5.498	3.639	1.548	5.033	4.104	5.808	75- 80	2.576	66.42
85.0	2.090	2.400	3.794	2.168	1.239	3.562	2.245	4.181	80- 85	1.818	68.24
90.0	1.936	1.393	2.478	1.239	1.239	2.323	1.316	2.555	85- 90	1.213	69.45
95.0	1.858	1.084	1.936	1.084	1.316	1.936	1.084	2.013	90- 95	0.898	70.35
100.0	1.781	1.161	1.858	1.084	1.316	1.936	1.084	1.858	95-100	0.831	71.18
105.0	1.781	1.161	1.781	1.084	1.316	1.858	1.161	1.781	100-105	0.799	71.98
110.0	1.703	1.161	1.703	1.161	1.316	1.781	1.161	1.781	105-110	0.773	72.75
115.0	1.703	1.161	1.626	1.161	1.316	1.703	1.161	1.703	110-115	0.740	73.49
120.0	1.703	1.161	1.626	1.161	1.393	1.703	1.161	1.703	115-120	0.705	74.20
125.0	1.626	1.239	1.626	1.161	1.393	1.626	1.161	1.626	120-125	0.662	74.86
130.0	1.626	1.239	1.548	1.161	1.393	1.626	1.161	1.626	125-130	0.622	75.48
135.0	1.626	1.239	1.548	1.239	1.393	1.626	1.239	1.626	130-135	0.578	76.06
140.0	1.626	1.239	1.548	1.239	1.471	1.626	1.239	1.548	135-140	0.532	76.59
145.0	1.548	1.239	1.548	1.239	1.471	1.548	1.239	1.548	140-145	0.475	77.07
150.0	1.548	1.239	1.471	1.239	1.471	1.548	1.239	1.548	145-150	0.418	77.49
155.0	1.548	1.316	1.471	1.239	1.471	1.548	1.239	1.548	150-155	0.359	77.85
160.0	1.548	1.316	1.471	1.239	1.471	1.548	1.239	1.471	155-160	0.298	78.14
165.0	1.548	1.316	1.471	1.239	1.471	1.548	1.239	1.471	160-165	0.233	78.38
170.0	1.548	1.316	1.471	1.239	1.548	1.471	1.316	1.471	165-170	0.168	78.54
175.0	1.548	1.316	1.471	1.239	1.548	1.471	1.316	1.471	170-175	0.102	78.65
180.0	1.471	1.316	1.393	1.316	1.626	1.471	1.316	1.393	175-180	0.034	78.68
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月24日

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

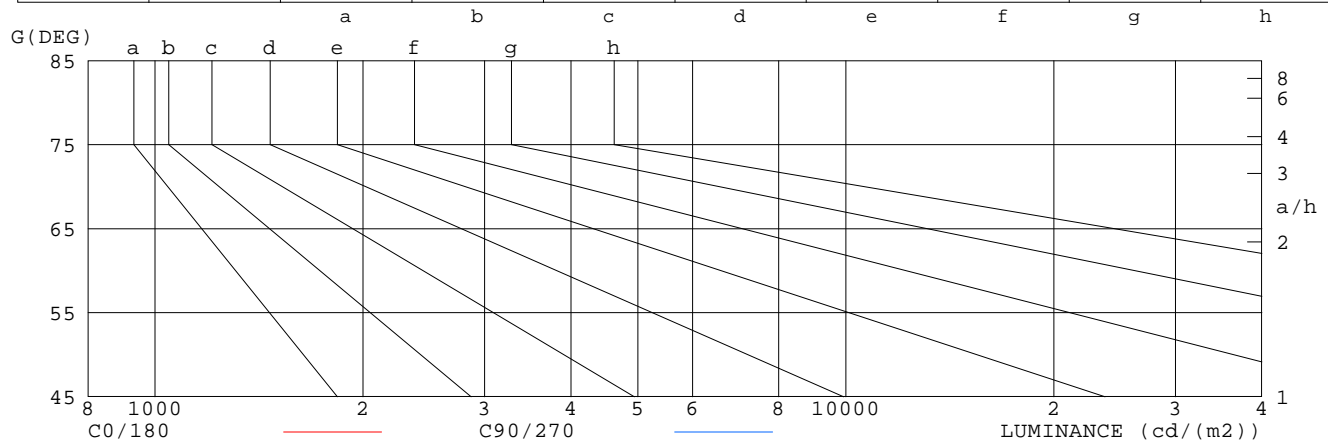
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 36-RS-5050-12V-48Z-08-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124013

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	240	435
80	129	317
75	174	284
70	204	267
65	220	253
60	225	246
55	227	236
50	226	224
45	225	225

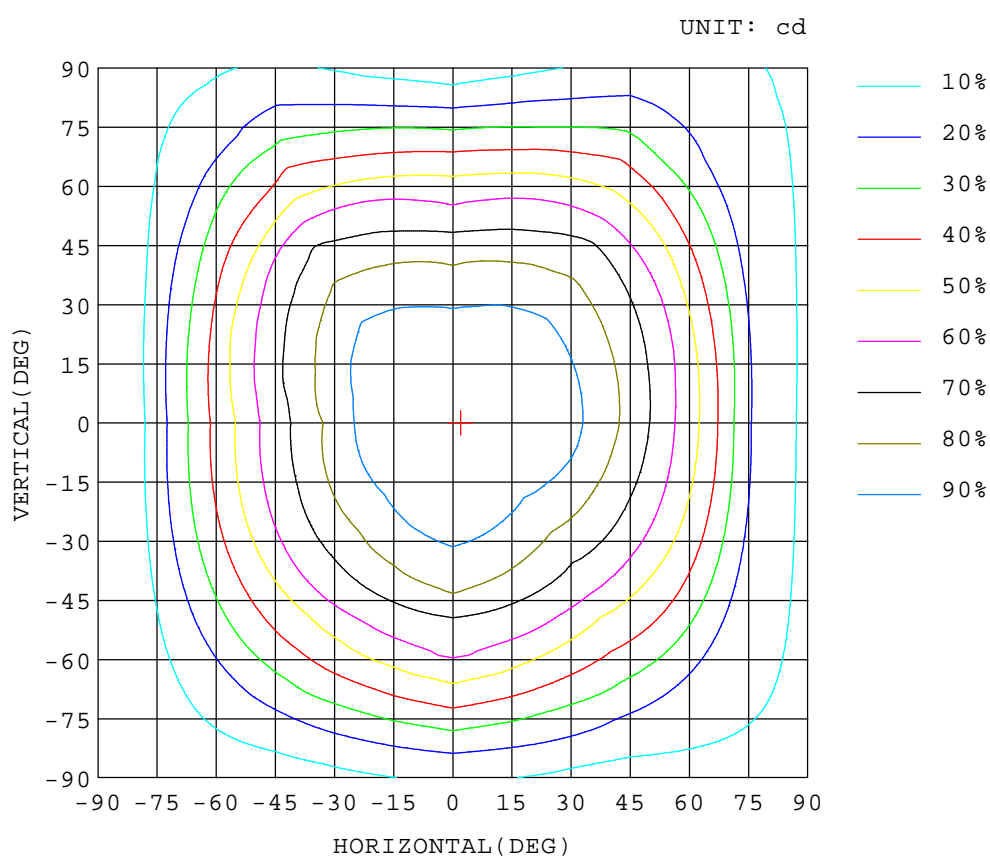
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年11月24日

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: 36-RS-5050-12V-48Z-08-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124013



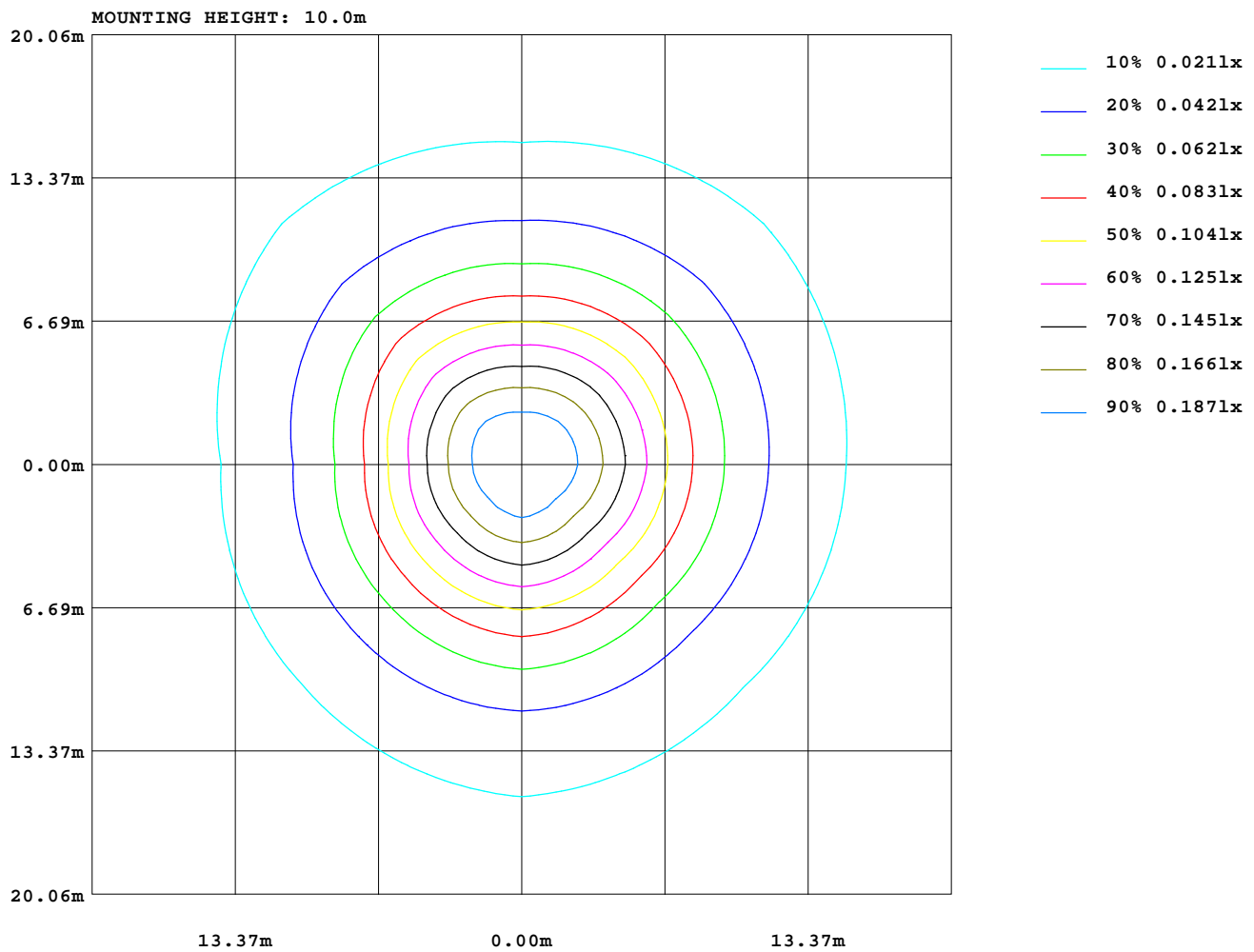
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月24日

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: 36-RS-5050-12V-48Z-08-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124013



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2021年11月24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: 36-RS-5050-12V-48Z-08-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124013

90	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	0.00	0.01	0.03	0.05	0.07	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.08	0.05	0.03	0.02	0.01	1.00	0.89	
80	0.00	0.02	0.04	0.07	0.11	0.14	0.17	0.18	0.18	0.19	0.19	0.17	0.16	0.13	0.08	0.05	0.02	0.01	1.88	1.87	
70	0.00	0.02	0.05	0.10	0.17	0.22	0.25	0.28	0.29	0.29	0.29	0.27	0.23	0.18	0.11	0.06	0.02	0.01	2.82	2.81	
60	0.00	0.02	0.06	0.13	0.21	0.29	0.35	0.38	0.39	0.39	0.38	0.35	0.30	0.23	0.14	0.07	0.03	0.01	3.70	3.69	
50	0.00	0.02	0.07	0.15	0.25	0.36	0.42	0.46	0.47	0.47	0.46	0.42	0.36	0.27	0.17	0.09	0.03	0.01	4.49	4.48	
40	0.00	0.02	0.08	0.17	0.28	0.39	0.47	0.52	0.54	0.54	0.52	0.48	0.40	0.31	0.20	0.10	0.03	0.01	5.07	5.06	
30	0.00	0.03	0.09	0.19	0.30	0.41	0.51	0.57	0.59	0.59	0.57	0.52	0.43	0.33	0.22	0.11	0.04	0.01	5.46	5.46	
VERTICAL(DEG)	0.00	0.03	0.09	0.19	0.30	0.42	0.52	0.59	0.62	0.62	0.60	0.54	0.45	0.34	0.23	0.12	0.04	0.01	5.69	5.68	
	0.00	0.03	0.09	0.19	0.30	0.41	0.52	0.59	0.63	0.63	0.61	0.55	0.46	0.34	0.23	0.12	0.04	0.01	5.73	5.72	
	0.00	0.03	0.09	0.18	0.29	0.40	0.51	0.58	0.62	0.62	0.60	0.54	0.45	0.34	0.22	0.12	0.04	0.01	5.65	5.64	
	0.00	0.03	0.09	0.18	0.29	0.39	0.49	0.57	0.61	0.61	0.57	0.51	0.43	0.32	0.21	0.11	0.04	0.01	5.46	5.45	
	0.00	0.02	0.08	0.17	0.27	0.37	0.46	0.54	0.58	0.59	0.54	0.47	0.39	0.30	0.20	0.10	0.03	0.01	5.14	5.13	
	0.00	0.02	0.08	0.15	0.24	0.34	0.42	0.50	0.54	0.54	0.50	0.43	0.35	0.27	0.18	0.09	0.03	0.01	4.68	4.67	
	0.00	0.02	0.06	0.13	0.21	0.29	0.37	0.43	0.47	0.47	0.44	0.38	0.30	0.22	0.15	0.08	0.02	0.01	4.05	4.04	
	0.00	0.02	0.05	0.10	0.17	0.24	0.31	0.36	0.40	0.40	0.37	0.31	0.24	0.18	0.12	0.06	0.02	0.01	3.34	3.32	
	0.00	0.01	0.04	0.08	0.13	0.18	0.23	0.28	0.31	0.32	0.28	0.24	0.19	0.13	0.08	0.04	0.02	0.01	2.56	2.54	
	0.00	0.01	0.03	0.05	0.08	0.12	0.16	0.19	0.21	0.22	0.19	0.16	0.12	0.09	0.06	0.03	0.02	0.01	1.72	1.68	
-90	0.00	0.01	0.02	0.03	0.04	0.06	0.08	0.10	0.11	0.11	0.10	0.08	0.06	0.05	0.03	0.02	0.01	0.00	0.93	0.72	
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90																					
Φ t	0.07	0.36	1.13	2.30	3.70	5.10	6.32	7.19	7.64	7.66	7.27	6.50	5.39	4.07	2.68	1.41	0.49	0.10	79		
Φ a	0.00	0.26	1.08	2.27	3.68	5.08	6.30	7.17	7.62	7.65	7.26	6.49	5.38	4.05	2.66	1.39	0.47	0.07		69	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月24日

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

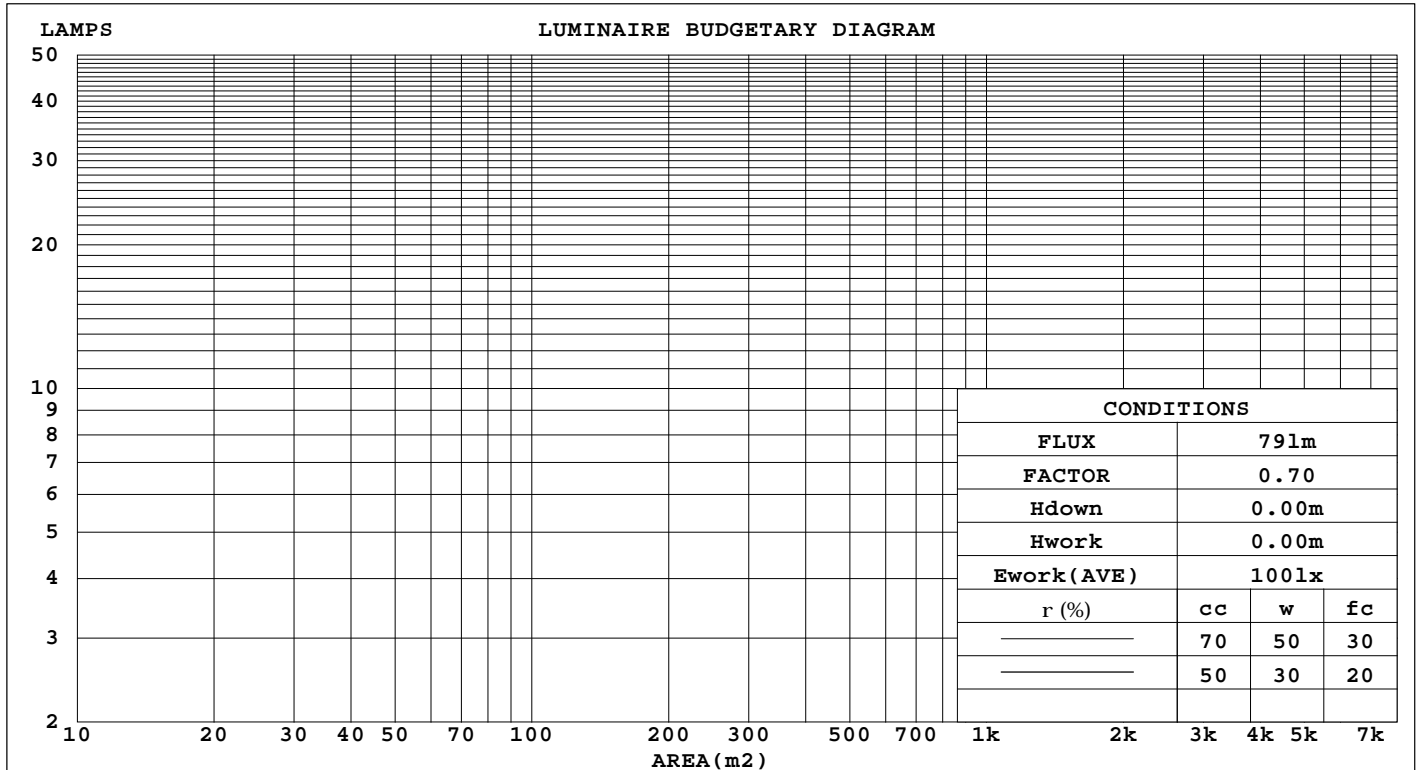
GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:											
Address:											
NAME: 36-RS-5050-12V-48Z-08-X-Y R						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050/48D			CCT(K): 0			DIMENSION: 1M*0.008M			SERIAL No.: 20211124013		

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	1.05	1.05	1.05	.98	.98	.98	.91	.91	.91	.88
1.0	.00	.95	.91	.96	.92	.88	.90	.86	.83	.84	.81	.79	.78	.76	.74	.71
2.0	.86	.79	.73	.83	.76	.71	.78	.72	.67	.73	.68	.64	.68	.64	.61	.58
3.0	.75	.66	.60	.72	.65	.58	.68	.61	.56	.63	.58	.53	.59	.55	.51	.48
4.0	.66	.57	.50	.64	.56	.49	.60	.53	.47	.56	.50	.45	.53	.48	.43	.41
5.0	.59	.50	.43	.57	.48	.42	.53	.46	.40	.50	.44	.39	.47	.42	.37	.35
6.0	.53	.44	.37	.51	.43	.36	.48	.41	.35	.45	.39	.34	.43	.37	.33	.30
7.0	.48	.39	.32	.46	.38	.32	.44	.36	.31	.41	.35	.30	.39	.33	.29	.27
8.0	.43	.35	.29	.42	.34	.28	.40	.33	.27	.38	.31	.27	.36	.30	.26	.24
9.0	.40	.31	.26	.39	.31	.25	.36	.29	.25	.35	.28	.24	.33	.27	.23	.21
10.0	.36	.28	.23	.35	.28	.23	.34	.27	.22	.32	.26	.22	.30	.25	.21	.19



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月24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: 36-RS-5050-12V-48Z-08-X-Y R						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050/48D				CCT(K): 0		DIMENSION: 1M*0.008M			SERIAL No.: 20211124013		

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	.338	.192	.061	.327	.187	.059	.307	.176	.056	.289	.167	.053	.272	.158	.051	
2.0	.307	.168	.052	.298	.164	.051	.280	.156	.048	.263	.148	.046	.248	.140	.044	
3.0	.280	.149	.045	.271	.145	.044	.255	.138	.042	.240	.132	.040	.226	.125	.039	
4.0	.256	.133	.039	.248	.130	.038	.233	.124	.037	.220	.118	.036	.207	.113	.034	
5.0	.235	.120	.035	.228	.117	.034	.215	.112	.033	.202	.107	.032	.191	.102	.031	
6.0	.217	.109	.031	.210	.106	.031	.198	.102	.030	.187	.097	.029	.177	.093	.028	
7.0	.201	.099	.028	.195	.097	.028	.184	.093	.027	.174	.089	.026	.164	.085	.025	
8.0	.187	.091	.026	.182	.090	.025	.172	.086	.025	.162	.082	.024	.154	.079	.023	
9.0	.175	.085	.024	.170	.083	.023	.161	.080	.023	.152	.076	.022	.144	.073	.021	
10.0	.164	.079	.022	.160	.077	.022	.151	.074	.021	.143	.071	.020	.136	.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	.280	.280	.280	.239	.239	.239	.163	.163	.163	.094	.094	.094	.030	.030	.030	
1.0	.272	.246	.222	.233	.211	.191	.159	.145	.132	.092	.084	.077	.029	.027	.025	
2.0	.265	.223	.187	.227	.192	.161	.156	.133	.113	.090	.077	.066	.029	.025	.022	
3.0	.258	.206	.164	.221	.177	.142	.152	.123	.100	.088	.072	.059	.028	.023	.019	
4.0	.250	.193	.149	.215	.167	.129	.148	.116	.091	.085	.068	.054	.027	.022	.018	
5.0	.243	.183	.138	.208	.158	.120	.144	.110	.085	.083	.065	.050	.027	.021	.017	
6.0	.235	.175	.131	.202	.151	.114	.140	.106	.081	.081	.062	.048	.026	.020	.016	
7.0	.229	.168	.125	.197	.146	.109	.136	.102	.077	.079	.060	.046	.026	.020	.015	
8.0	.222	.162	.121	.191	.141	.106	.132	.099	.075	.077	.058	.045	.025	.019	.015	
9.0	.216	.157	.118	.186	.137	.103	.129	.096	.073	.075	.057	.044	.024	.019	.014	
10.0	.210	.153	.115	.181	.133	.101	.126	.094	.071	.073	.055	.043	.024	.018	.014	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月24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: 36-RS-5050-12V-48Z-08-X-Y R					TYPE: LED Strip			WEIGHT:			
SPECIFICATION: 5050/48D		CCT(K): 0			DIMENSION: 1M*0.008M			SERIAL No.: 20211124013			
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	6.9	8.3	7.3	8.7	9.2	7.2	8.6	7.6	9.0	9.4	
	8.5	9.8	9.0	10.3	10.8	9.2	10.5	9.7	11.0	11.5	
	9.1	10.4	9.6	10.8	11.3	10.3	11.5	10.7	11.9	12.4	
	9.4	10.6	9.9	11.1	11.6	11.2	12.3	11.7	12.8	13.3	
	9.6	10.7	10.1	11.2	11.7	11.6	12.7	12.1	13.2	13.8	
	9.8	10.8	10.3	11.3	11.9	12.1	13.1	12.6	13.6	14.2	
4H	2H	7.5	8.7	8.0	9.2	9.7	7.7	8.9	8.2	9.4	
	3H	9.3	10.4	9.8	10.9	11.4	9.9	11.0	10.5	11.5	
	4H	10.0	11.0	10.6	11.5	12.1	11.1	12.0	11.6	12.6	
	6H	10.5	11.3	11.0	11.9	12.5	12.2	13.0	12.7	13.6	
	8H	10.7	11.5	11.2	12.0	12.7	12.7	13.5	13.3	14.1	
	12H	11.0	11.7	11.6	12.3	12.9	13.3	14.0	13.9	14.6	
8H	4H	10.4	11.2	10.9	11.7	12.4	11.3	12.1	11.9	12.7	
	6H	11.0	11.7	11.6	12.3	13.0	12.6	13.3	13.2	13.9	
	8H	11.4	12.0	12.0	12.6	13.3	13.3	13.9	13.9	14.5	
	12H	11.8	12.3	12.5	13.0	13.7	14.0	14.5	14.7	15.2	
12H	4H	10.4	11.2	11.0	11.7	12.4	11.3	12.0	11.9	12.6	
	6H	11.2	11.8	11.8	12.4	13.1	12.7	13.3	13.3	13.9	
	8H	11.6	12.1	12.2	12.8	13.5	13.4	13.9	14.1	14.6	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.1 / - 0.3					+ 0.1 / - 0.2					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					

CIE Pub.117 Corrected 78.68 lm Total Lamp Luminous Flux.(8log(F/F0) = -8.8)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月24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: 36-RS-5050-12V-48Z-08-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124013

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	42	60	48	41	57	47	40	33
1.00	70	58	50	68	57	49	65	57	48	40
1.25	77	65	57	75	64	57	71	62	55	46
1.50	82	71	63	79	69	62	75	67	60	51
2.00	89	79	72	86	77	71	81	74	68	58
2.50	93	84	78	90	82	76	85	78	73	62
3.00	97	89	83	94	87	81	88	82	77	66
4.00	101	95	89	98	92	87	92	87	83	70
5.00	104	98	93	100	95	91	94	90	86	73
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

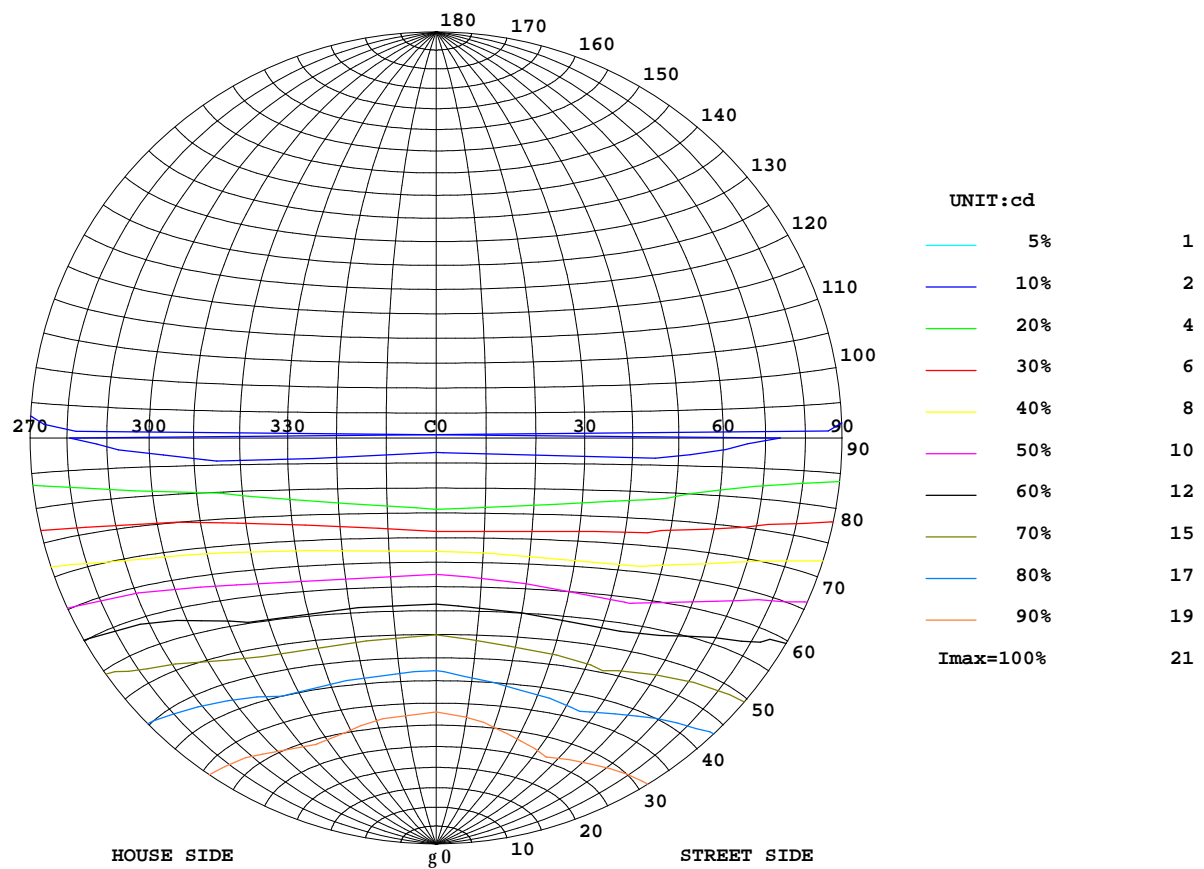
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月24日

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: 36-RS-5050-12V-48Z-08-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124013



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月24日

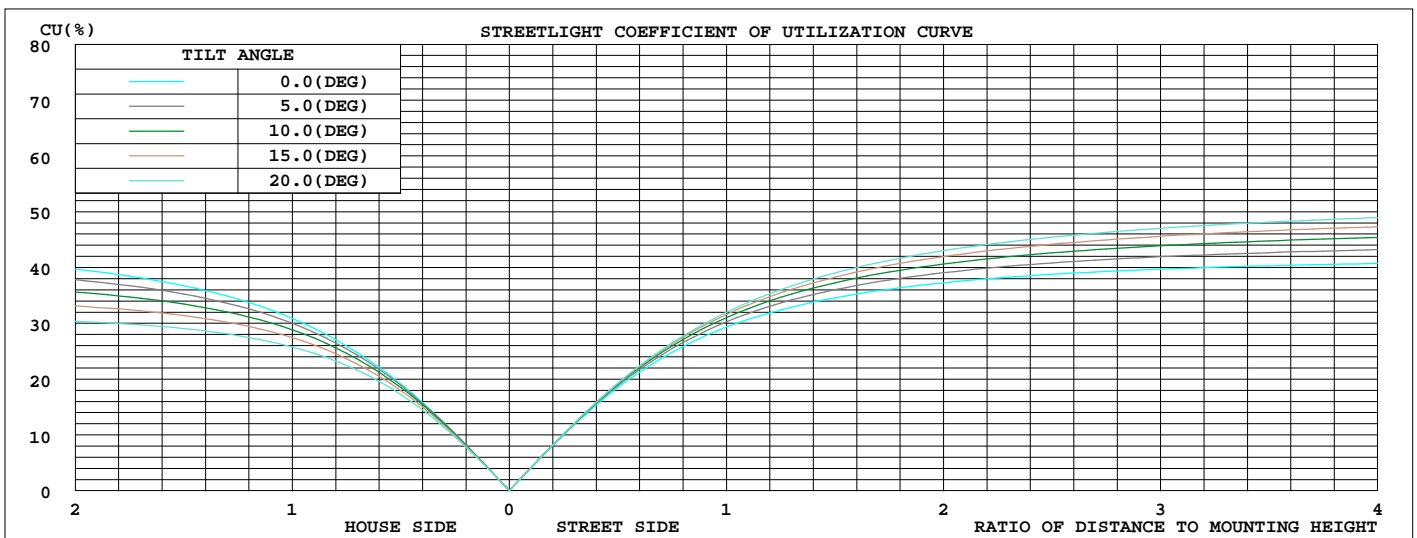
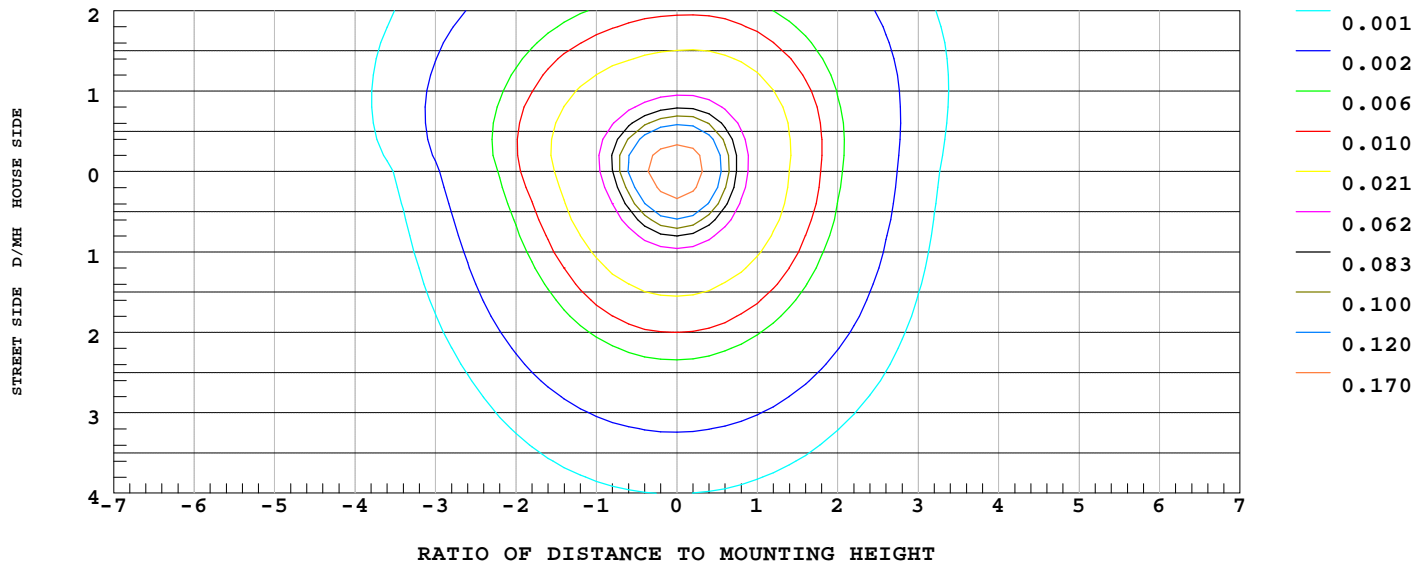
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 36-RS-5050-12V-48Z-08-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124013

ILLUMINANCE AT MH=10 m, Enadir = 0.21 lx



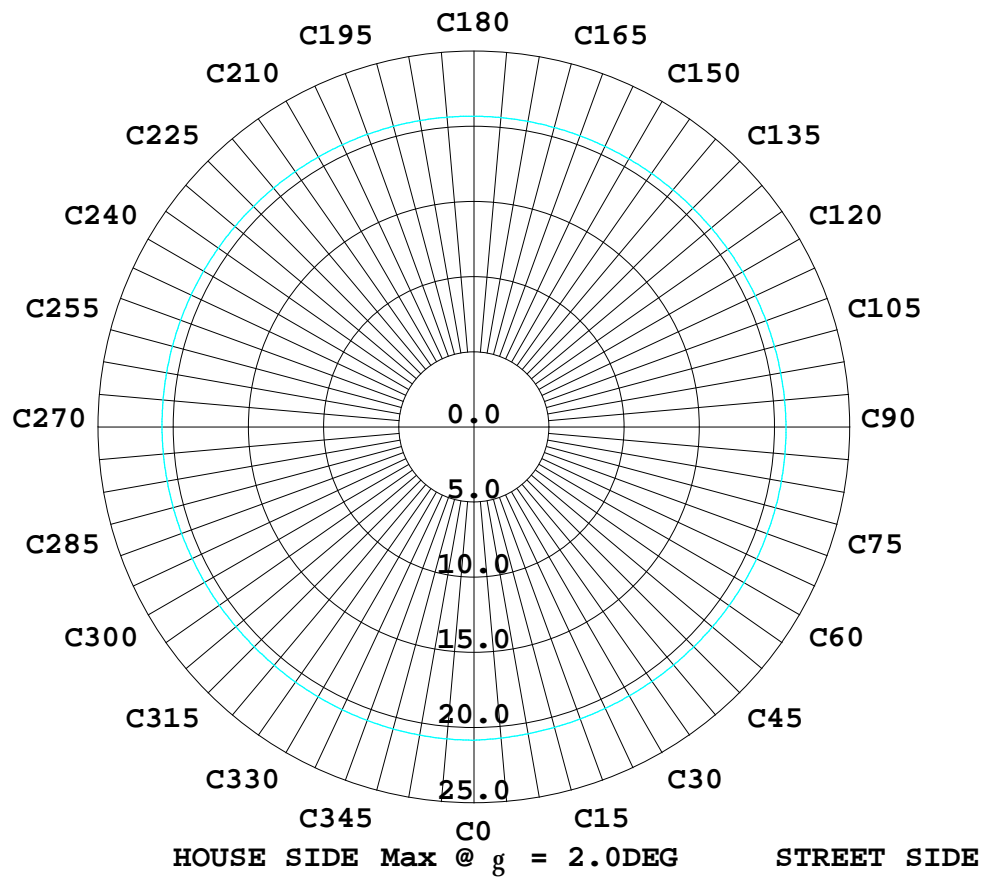
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月24日

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: 36-RS-5050-12V-48Z-08-X-Y R		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124013



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2021年11月24日

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