

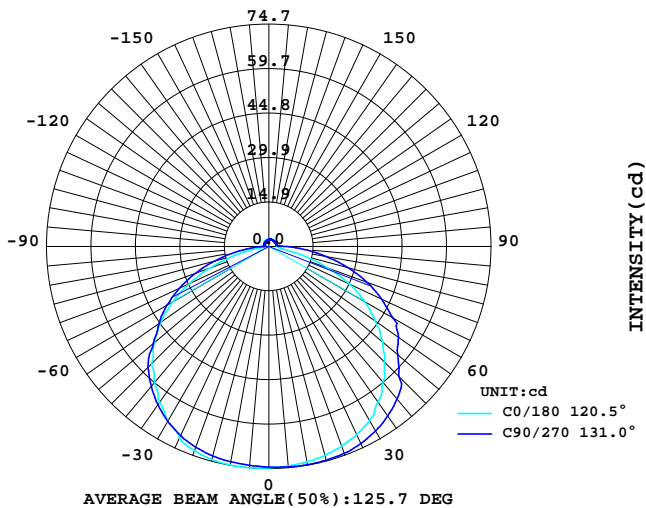
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

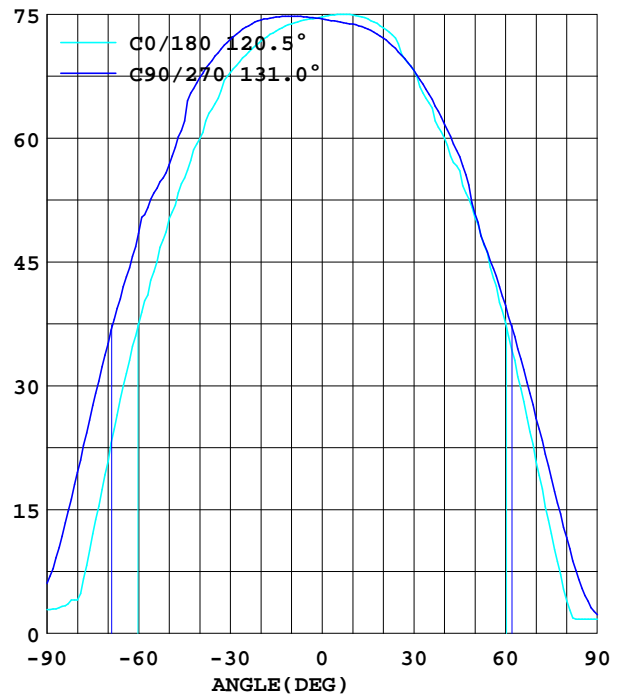
MANUFACTURER:			
Address:			
NAME: 36-RS-5050-12V-48Z-08-X-Y RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124012

DATA OF LAMP		Imax(cd)	74.72	S/MH(C0/180)	1.34
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.44
NOMINAL POWER(W)	8	TOTAL FLUX(lm)	271.54	Voltage(V)	12.00
RATED VOLTAGE(V)	12	EFFICIENCY(lm/W)	34.4	Current(A)	0.657
NOMINAL FLUX(lm)	271.5	h up(%)	5.3	Power(W)	7.890
LAMPS QUANTITY	1	h down(%)	94.7	Power Factor(PF)	1.000
TEST VOLTAGE(V)	12.0	Effective Flux(lm)	254.2	EEL	0.298

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124012

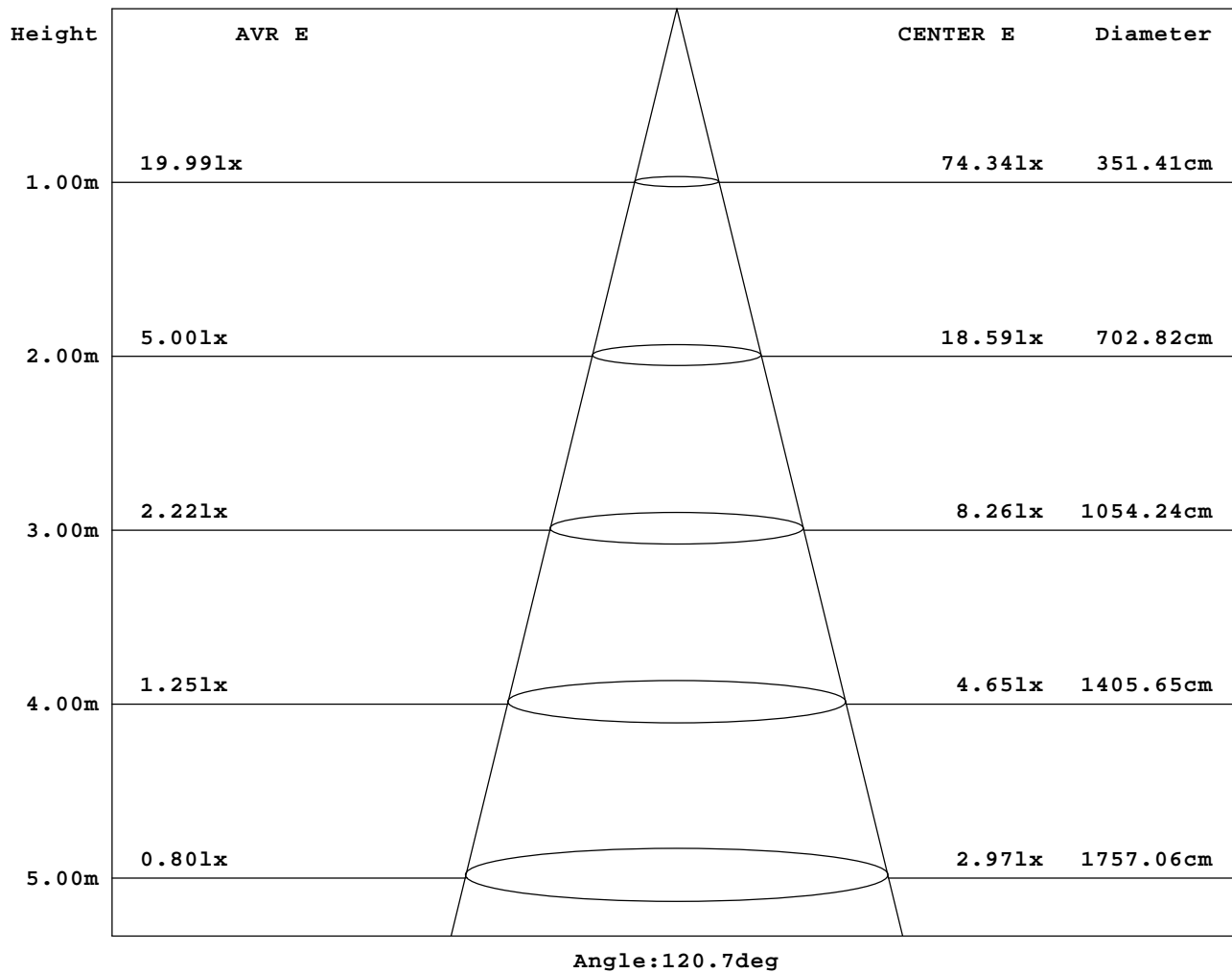
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月24日

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124012



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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124012

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tStal
5.0	74.03	73.72	74.34	74.65	74.65	74.34	73.80	74.03	0- 5	1.774	1.774
10.0	73.49	73.33	74.41	74.72	74.57	74.57	73.49	73.56	5- 10	5.302	7.076
15.0	72.63	72.63	74.34	74.49	74.11	74.41	72.87	72.87	10- 15	8.755	15.83
20.0	71.39	71.47	73.95	73.87	73.02	74.03	71.78	71.86	15- 20	12.05	27.88
25.0	69.69	69.92	73.10	72.79	71.08	73.18	70.08	70.31	20- 25	15.10	42.99
30.0	67.60	67.91	71.63	71.08	67.91	71.94	67.91	68.30	25- 30	17.77	60.77
35.0	63.88	65.35	69.61	68.92	63.96	70.31	64.97	65.90	30- 35	20.00	80.78
40.0	59.62	62.33	66.98	66.13	59.70	68.06	61.40	62.88	35- 40	21.70	102.4
45.0	54.90	58.93	61.79	63.03	55.75	64.97	57.46	59.39	40- 45	22.79	125.2
50.0	50.02	54.90	56.53	59.24	50.18	61.56	50.64	55.60	45- 50	23.11	148.3
55.0	43.59	48.47	53.12	52.73	44.14	57.30	44.91	50.95	50- 55	22.70	171.0
60.0	37.24	40.81	48.24	45.76	37.40	49.32	39.57	42.28	55- 60	21.35	192.4
65.0	29.81	34.77	41.81	39.10	29.50	40.65	33.06	35.54	60- 65	18.95	211.4
70.0	20.75	27.49	34.92	32.29	20.75	32.13	25.94	28.73	65- 70	16.09	227.5
75.0	12.00	19.74	27.49	23.77	12.00	25.55	18.74	22.38	70- 75	12.70	240.2
80.0	4.026	13.39	19.43	16.26	3.949	16.33	11.53	15.41	75- 80	8.658	248.8
85.0	3.252	7.511	11.69	8.595	1.703	9.912	5.420	9.757	80- 85	5.362	254.2
90.0	2.865	2.942	6.040	2.865	1.703	4.336	2.245	4.956	85- 90	2.813	257.0
95.0	2.710	1.626	3.252	1.548	1.781	3.020	1.548	3.097	90- 95	1.494	258.5
100.0	2.710	1.626	2.710	1.548	1.858	3.175	1.626	2.865	95-100	1.236	259.7
105.0	2.632	1.703	2.632	1.626	1.858	2.865	1.626	2.865	100-105	1.197	260.9
110.0	2.555	1.703	2.555	1.626	1.936	2.787	1.703	2.787	105-110	1.161	262.1
115.0	2.555	1.781	2.555	1.703	2.013	2.710	1.781	2.710	110-115	1.120	263.2
120.0	2.555	1.858	2.478	1.781	2.013	2.632	1.781	2.632	115-120	1.079	264.3
125.0	2.555	1.858	2.478	1.781	2.090	2.632	1.858	2.632	120-125	1.031	265.3
130.0	2.555	1.936	2.478	1.858	2.168	2.632	1.936	2.632	125-130	0.979	266.3
135.0	2.555	1.936	2.478	1.936	2.168	2.555	1.936	2.632	130-135	0.919	267.2
140.0	2.555	2.013	2.478	1.936	2.245	2.555	2.013	2.555	135-140	0.851	268.1
145.0	2.555	2.090	2.478	1.936	2.323	2.632	2.090	2.555	140-145	0.768	268.8
150.0	2.555	2.090	2.478	2.013	2.323	2.555	2.090	2.555	145-150	0.686	269.5
155.0	2.555	2.090	2.478	2.013	2.400	2.555	2.090	2.555	150-155	0.592	270.1
160.0	2.555	2.168	2.478	2.090	2.400	2.555	2.168	2.555	155-160	0.495	270.6
165.0	2.555	2.168	2.478	2.090	2.478	2.555	2.168	2.478	160-165	0.391	271.0
170.0	2.555	2.168	2.478	2.168	2.478	2.478	2.168	2.478	165-170	0.281	271.3
175.0	2.555	2.245	2.478	2.168	2.478	2.478	2.168	2.478	170-175	0.170	271.4
180.0	2.478	2.245	2.400	2.245	2.632	2.478	2.245	2.400	175-180	0.057	271.5
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:

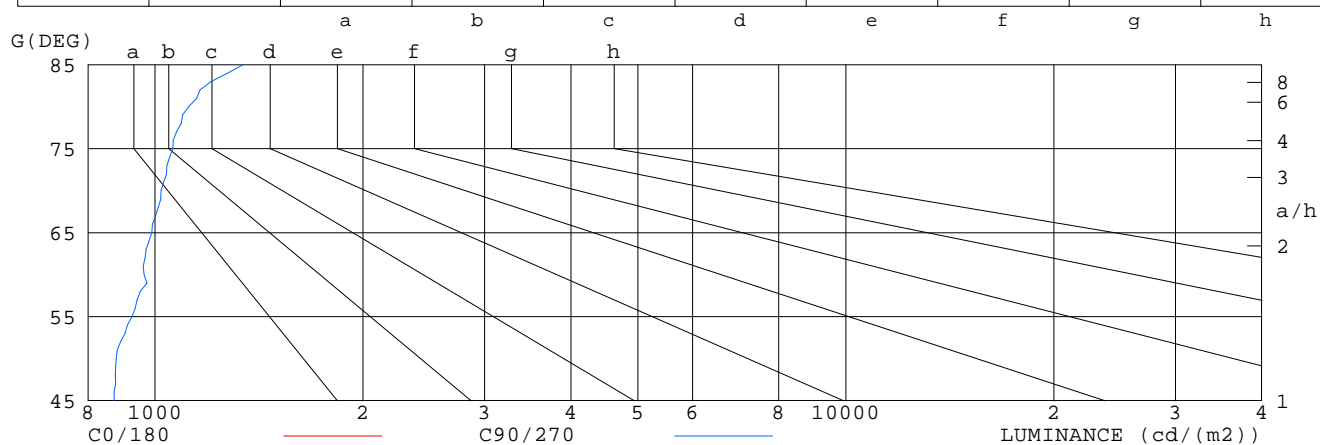
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 36-RS-5050-12V-48Z-08-X-Y RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124012

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	373	1342
80	232	1119
75	464	1062
70	607	1021
65	705	989
60	745	965
55	760	926
50	778	879
45	776	874

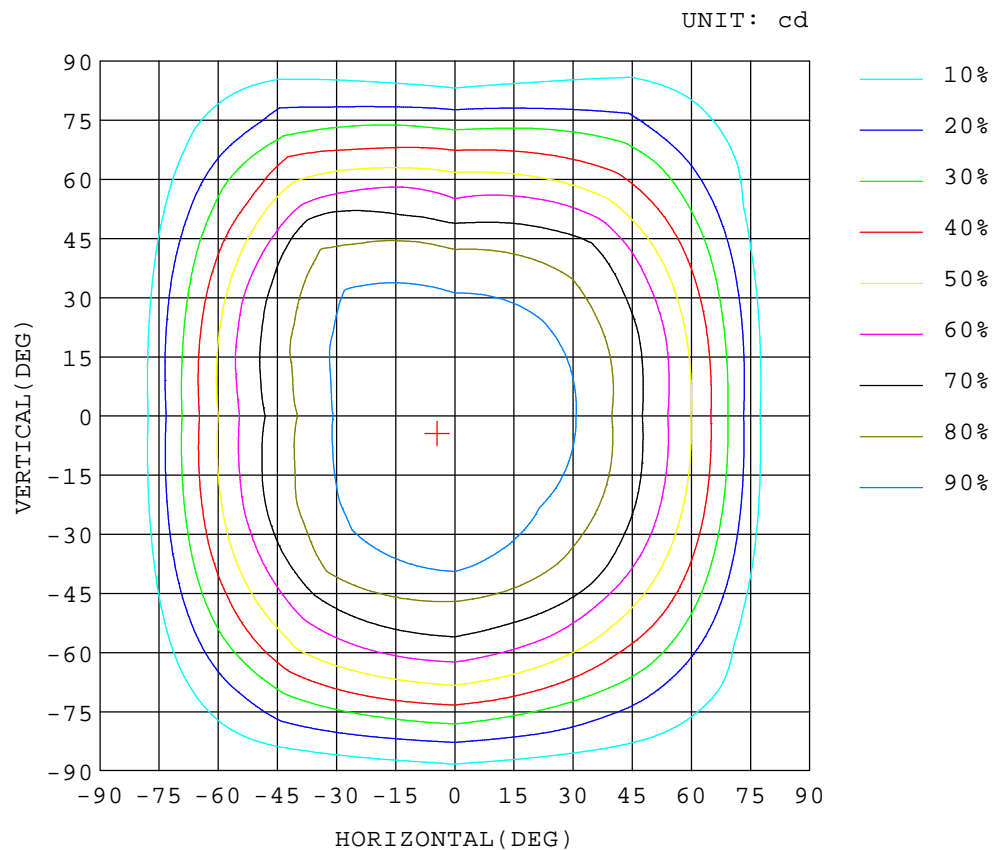
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年11月24日

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124012



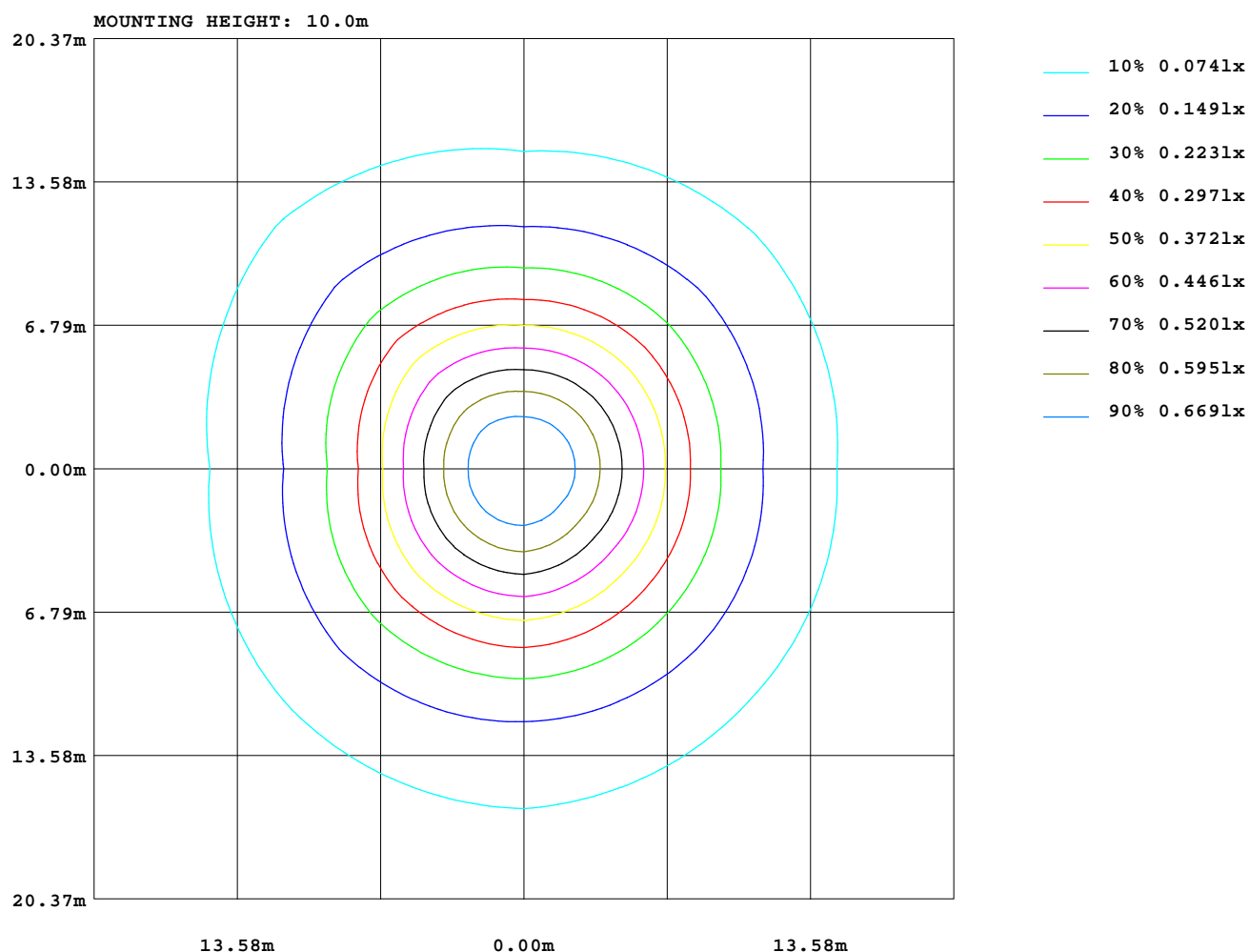
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月24日

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124012



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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124012

VERTICAL(DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.01	0.02	0.06	0.11	0.17	0.20	0.21	0.21	0.19	0.19	0.21	0.21	0.20	0.17	0.11	0.07	0.03	0.01	2.38	1.29		
90																						
80	0.01	0.03	0.09	0.21	0.37	0.48	0.55	0.59	0.59	0.58	0.57	0.52	0.44	0.34	0.20	0.10	0.04	0.01	5.71	5.55		
70	0.01	0.04	0.14	0.35	0.61	0.80	0.93	1.01	1.02	1.00	0.96	0.86	0.72	0.54	0.32	0.14	0.05	0.01	9.50	9.40		
60	0.01	0.05	0.22	0.48	0.81	1.12	1.32	1.41	1.40	1.37	1.33	1.19	0.98	0.72	0.44	0.20	0.06	0.01	13.1	13.0		
50	0.01	0.07	0.28	0.60	1.01	1.41	1.61	1.72	1.75	1.72	1.65	1.49	1.25	0.89	0.55	0.26	0.07	0.01	16.3	16.3		
40	0.01	0.09	0.33	0.70	1.14	1.53	1.81	1.94	1.98	1.96	1.87	1.68	1.40	1.04	0.65	0.31	0.08	0.01	18.5	18.5		
30	0.01	0.10	0.37	0.77	1.20	1.59	1.92	2.08	2.14	2.11	2.01	1.81	1.50	1.12	0.72	0.35	0.09	0.01	19.9	19.9		
	0.01	0.10	0.39	0.79	1.21	1.61	1.95	2.16	2.22	2.20	2.09	1.88	1.56	1.17	0.76	0.38	0.10	0.01	20.6	20.6		
	0.01	0.10	0.39	0.79	1.20	1.60	1.95	2.17	2.25	2.23	2.13	1.91	1.59	1.19	0.77	0.39	0.10	0.01	20.8	20.7		
	0.01	0.10	0.39	0.78	1.20	1.60	1.95	2.17	2.26	2.23	2.12	1.91	1.59	1.18	0.77	0.39	0.10	0.01	20.8	20.7		
	0.01	0.10	0.38	0.78	1.20	1.59	1.93	2.15	2.25	2.22	2.09	1.87	1.56	1.17	0.75	0.38	0.10	0.01	20.5	20.5		
-30	0.01	0.10	0.36	0.74	1.17	1.56	1.88	2.10	2.20	2.18	2.03	1.80	1.49	1.12	0.71	0.35	0.09	0.01	19.9	19.8		
-40	0.01	0.08	0.33	0.68	1.08	1.48	1.78	1.98	2.09	2.07	1.92	1.69	1.39	1.02	0.64	0.31	0.08	0.01	18.6	18.6		
-50	0.01	0.07	0.27	0.59	0.95	1.32	1.60	1.78	1.87	1.85	1.72	1.51	1.22	0.87	0.54	0.25	0.06	0.01	16.5	16.4		
-60	0.01	0.05	0.21	0.48	0.79	1.08	1.32	1.50	1.59	1.57	1.45	1.24	0.98	0.70	0.42	0.18	0.05	0.01	13.6	13.5		
-70	0.01	0.04	0.14	0.34	0.59	0.82	1.01	1.16	1.24	1.23	1.11	0.94	0.73	0.50	0.29	0.12	0.04	0.01	10.3	10.2		
-80	0.01	0.03	0.09	0.20	0.36	0.51	0.64	0.75	0.81	0.80	0.71	0.58	0.44	0.30	0.17	0.08	0.03	0.01	6.51	6.31		
-90	0.01	0.02	0.05	0.09	0.14	0.21	0.27	0.32	0.35	0.35	0.31	0.25	0.19	0.13	0.08	0.05	0.03	0.01	2.83	1.95		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90		
Φ t	0.11	1.20	4.47	9.46	15.2	20.5	24.7	27.2	28.2	27.9	26.3	23.4	19.2	14.2	8.90	4.31	1.20	0.17	272			
Φ a	0.00	0.87	4.26	9.30	15.0	20.4	24.5	27.1	28.1	27.8	26.1	23.2	19.1	14.0	8.73	4.09	0.80	0.00		254		

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

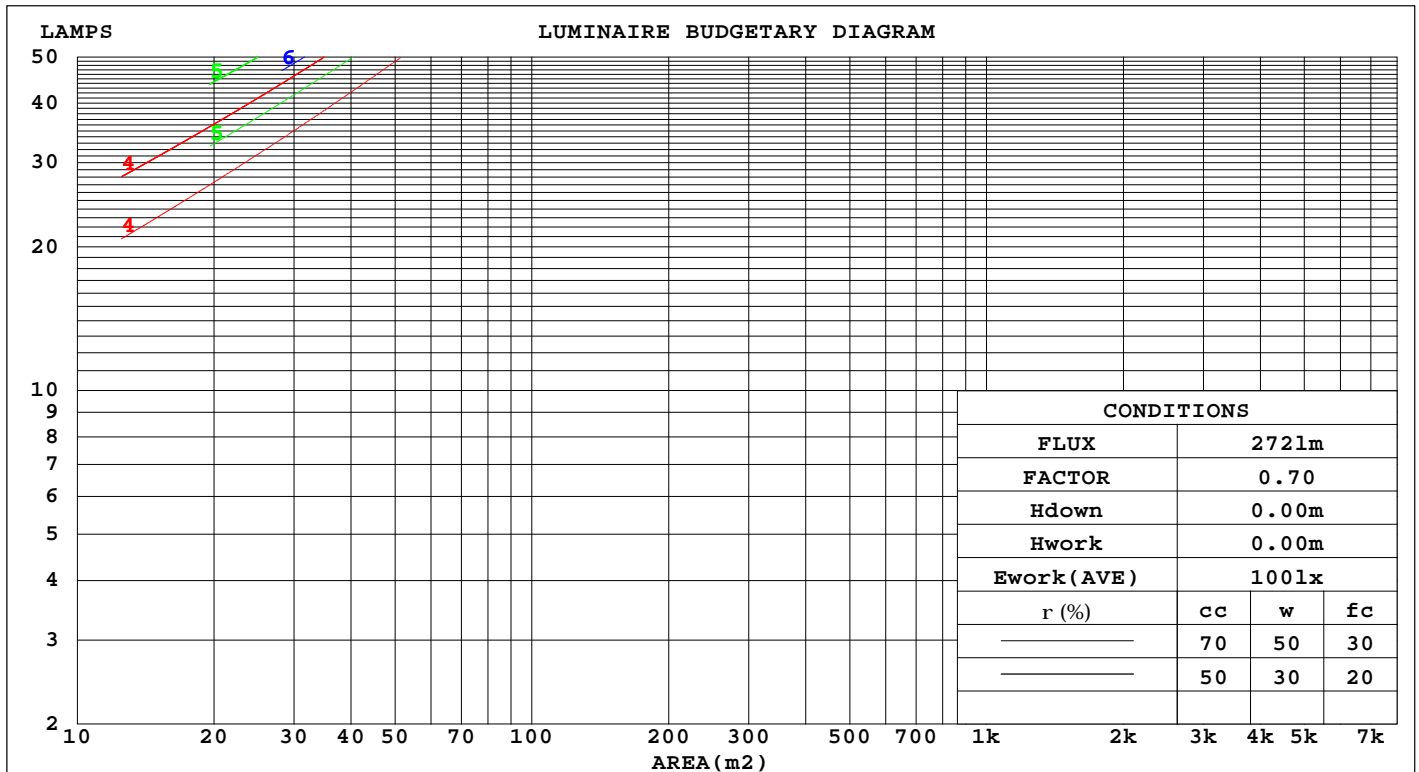
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 36-RS-5050-12V-48Z-08-X-Y RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124012

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	.95														
1.0	1.01	.97	.93	.99	.94	.91	.93	.90	.87	.89	.86	.83	.84	.82	.80	.77														
2.0	.88	.80	.74	.85	.79	.73	.81	.75	.70	.77	.72	.68	.73	.69	.66	.63														
3.0	.76	.68	.61	.74	.66	.60	.71	.64	.58	.67	.61	.57	.64	.59	.55	.52														
4.0	.67	.58	.51	.65	.57	.50	.62	.55	.49	.59	.53	.48	.56	.51	.47	.44														
5.0	.60	.50	.43	.58	.49	.43	.55	.48	.42	.53	.46	.41	.50	.45	.40	.38														
6.0	.53	.44	.38	.52	.44	.37	.50	.42	.36	.48	.41	.36	.46	.40	.35	.33														
7.0	.48	.39	.33	.47	.39	.33	.45	.38	.32	.43	.36	.31	.41	.35	.31	.29														
8.0	.44	.35	.29	.43	.35	.29	.41	.34	.28	.39	.33	.28	.38	.32	.27	.25														
9.0	.40	.32	.26	.39	.31	.26	.38	.30	.25	.36	.30	.25	.35	.29	.25	.23														
10.0	.37	.29	.23	.36	.28	.23	.35	.28	.23	.34	.27	.23	.32	.26	.22	.20														



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 RGB						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050/48D				CCT(K): 0		DIMENSION: 1M*0.008M			SERIAL No.: 20211124012		

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	.332	.189	.060	.323	.184	.059	.307	.176	.056	.292	.168	.054	.278	.161	.052	
2.0	.307	.168	.052	.299	.165	.051	.284	.158	.049	.271	.152	.048	.258	.146	.046	
3.0	.281	.150	.045	.274	.147	.044	.261	.141	.043	.249	.136	.042	.238	.132	.041	
4.0	.258	.134	.039	.252	.132	.039	.240	.127	.038	.229	.123	.037	.219	.119	.036	
5.0	.237	.121	.035	.232	.119	.035	.221	.115	.034	.211	.111	.033	.202	.108	.032	
6.0	.219	.110	.031	.214	.108	.031	.205	.105	.031	.196	.102	.030	.187	.099	.029	
7.0	.203	.101	.028	.199	.099	.028	.190	.096	.028	.182	.093	.027	.175	.091	.027	
8.0	.189	.093	.026	.185	.091	.026	.178	.089	.025	.170	.086	.025	.163	.084	.024	
9.0	.177	.086	.024	.173	.084	.024	.166	.082	.023	.160	.080	.023	.153	.078	.023	
10.0	.166	.080	.022	.163	.079	.022	.156	.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	.231	.231	.231	.198	.198	.198	.135	.135	.135	.077	.077	.077	.025	.025	.025	
1.0	.223	.197	.174	.191	.169	.149	.130	.116	.103	.075	.067	.060	.024	.022	.019	
2.0	.216	.173	.138	.185	.149	.119	.127	.103	.083	.073	.060	.049	.023	.019	.016	
3.0	.208	.156	.114	.178	.135	.099	.123	.093	.069	.071	.055	.041	.023	.018	.013	
4.0	.201	.143	.099	.172	.123	.086	.118	.086	.060	.069	.050	.036	.022	.016	.012	
5.0	.193	.133	.088	.166	.115	.077	.114	.080	.054	.066	.047	.032	.021	.015	.011	
6.0	.186	.125	.080	.160	.108	.070	.110	.075	.050	.064	.044	.029	.021	.015	.010	
7.0	.179	.118	.075	.154	.102	.065	.107	.072	.046	.062	.042	.027	.020	.014	.009	
8.0	.173	.112	.070	.149	.097	.061	.103	.068	.044	.060	.040	.026	.019	.013	.009	
9.0	.166	.107	.067	.143	.093	.059	.099	.065	.042	.058	.039	.025	.019	.013	.008	
10.0	.161	.103	.064	.139	.089	.056	.096	.063	.040	.056	.037	.024	.018	.012	.008	

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 RGB					TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050/48D		CCT(K): 0			DIMENSION: 1M*0.008M			SERIAL No.: 20211124012		
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	11.7	13.2	12.0	13.5	13.8	12.6	14.1	12.9	14.4	14.7
3H	13.1	14.5	13.4	14.8	15.1	14.6	16.0	15.0	16.3	16.6
4H	13.5	14.8	13.9	15.1	15.5	15.5	16.8	15.9	17.2	17.5
6H	13.6	14.8	14.0	15.2	15.6	16.3	17.5	16.7	17.9	18.3
8H	13.6	14.8	14.0	15.2	15.6	16.7	17.9	17.1	18.2	18.6
12H	13.6	14.8	14.0	15.1	15.6	17.0	18.1	17.4	18.5	18.9
4H 2H	12.4	13.7	12.8	14.1	14.5	13.1	14.4	13.5	14.8	15.1
3H	14.0	15.2	14.4	15.6	16.0	15.3	16.4	15.7	16.8	17.3
4H	14.5	15.6	15.0	16.0	16.5	16.3	17.4	16.8	17.8	18.3
6H	14.7	15.7	15.2	16.1	16.6	17.3	18.2	17.8	18.7	19.2
8H	14.8	15.7	15.3	16.2	16.7	17.7	18.6	18.2	19.1	19.6
12H	14.9	15.7	15.4	16.2	16.7	18.1	19.0	18.7	19.4	20.0
8H 4H	15.0	15.8	15.5	16.3	16.8	16.5	17.4	17.0	17.9	18.4
6H	15.4	16.1	15.9	16.6	17.1	17.7	18.4	18.2	18.9	19.5
8H	15.5	16.2	16.1	16.7	17.3	18.3	18.9	18.8	19.4	20.0
12H	15.7	16.3	16.3	16.8	17.4	18.8	19.4	19.4	19.9	20.5
12H 4H	15.0	15.8	15.5	16.3	16.8	16.5	17.3	17.0	17.8	18.3
6H	15.5	16.2	16.1	16.7	17.3	17.7	18.4	18.3	18.9	19.5
8H	15.8	16.3	16.3	16.9	17.5	18.4	18.9	18.9	19.4	20.0
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 / - 0.3				
2.0H	+ 0.2 / - 0.5					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 271.5 lm Total Lamp Luminous Flux.(8log(F/F0) = -4.5)

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124012

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	34	27
0.80	63	51	43	62	51	43	60	49	43	35
1.00	72	60	52	70	59	52	68	60	51	43
1.25	79	68	60	77	67	59	74	65	58	50
1.50	84	73	66	82	72	65	78	70	64	55
2.00	91	82	75	89	81	74	85	78	72	63
2.50	96	87	80	93	85	79	88	82	77	67
3.00	99	92	85	97	90	84	92	86	81	71
4.00	103	97	92	101	95	90	95	91	87	76
5.00	106	101	96	103	98	94	98	94	90	79
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

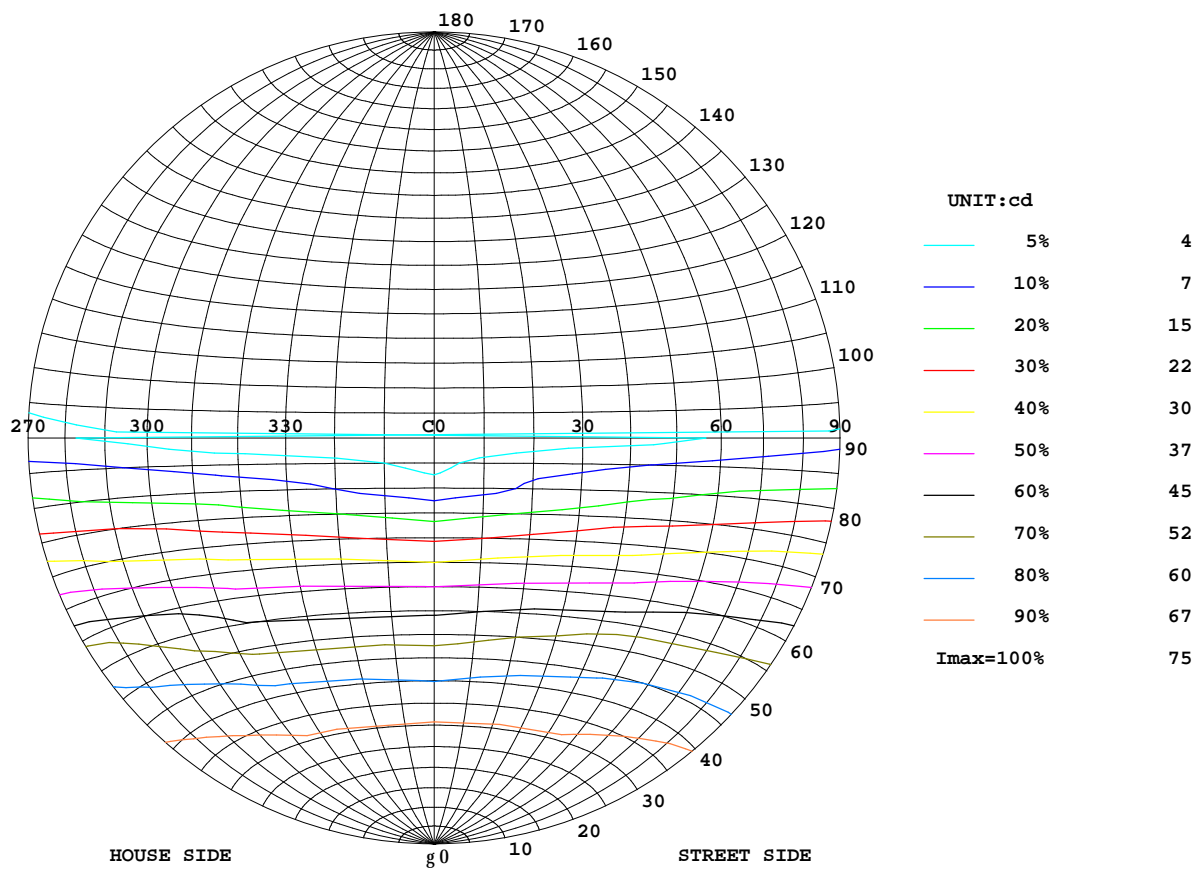
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月24日

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124012



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

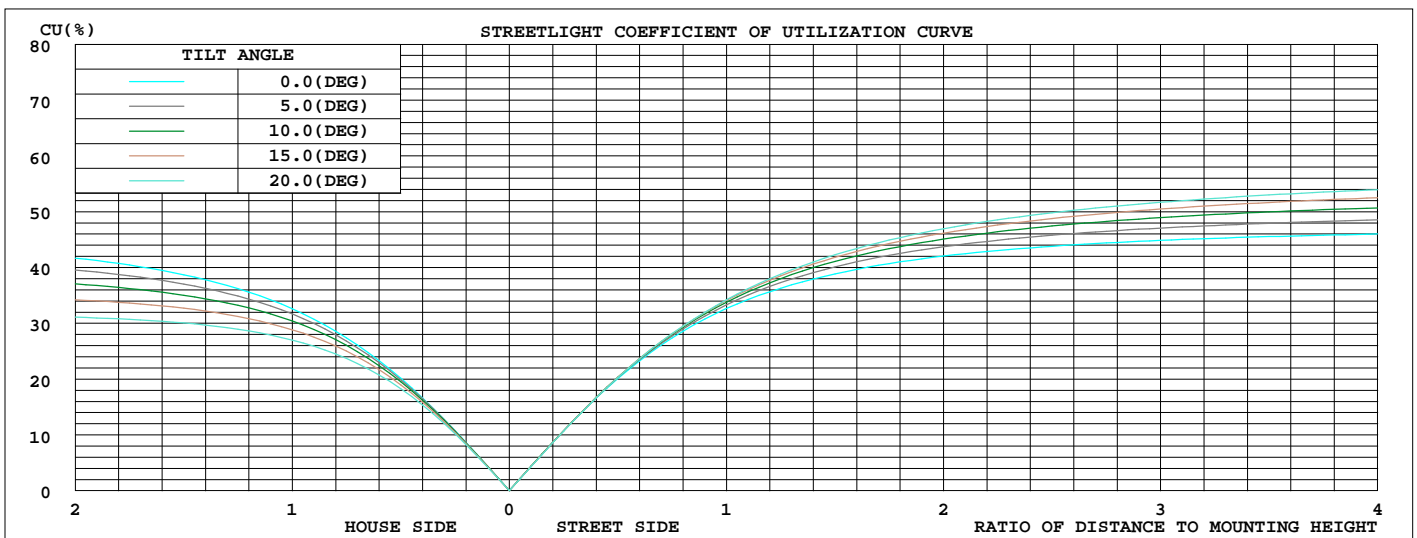
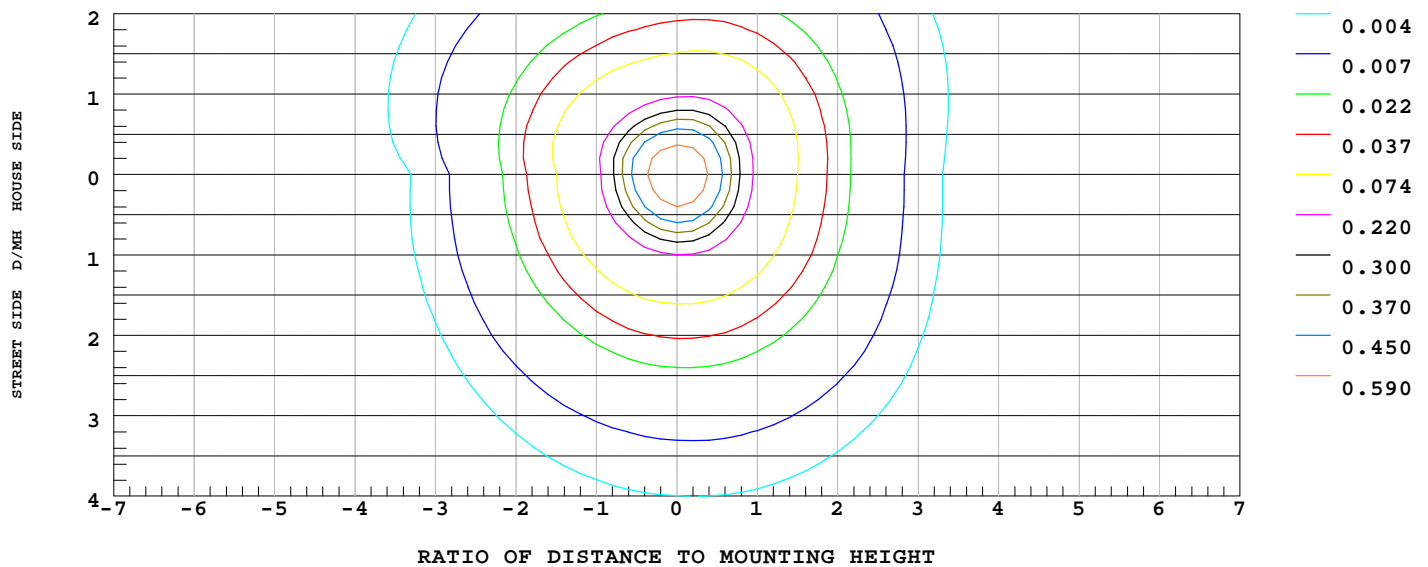
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 36-RS-5050-12V-48Z-08-X-Y RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124012

ILLUMINANCE AT MH=10 m, Enadir = 0.74 lx



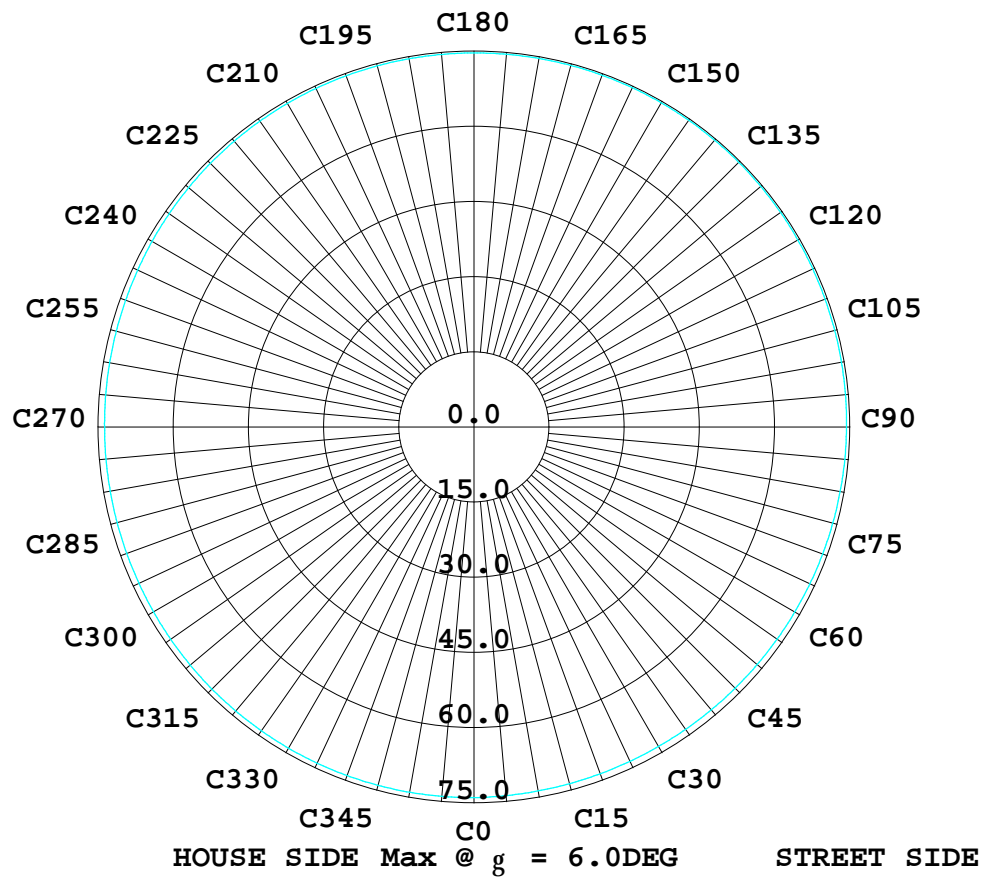
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月24日

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 RGB		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/48D	CCT(K): 0	DIMENSION: 1M*0.008M	SERIAL No.: 20211124012



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: