

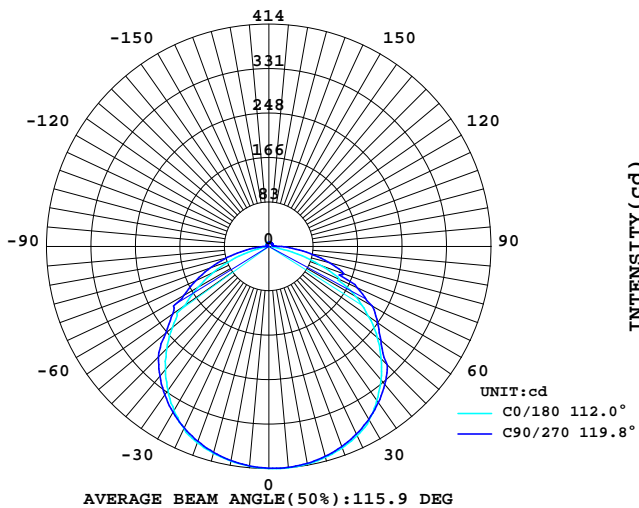
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

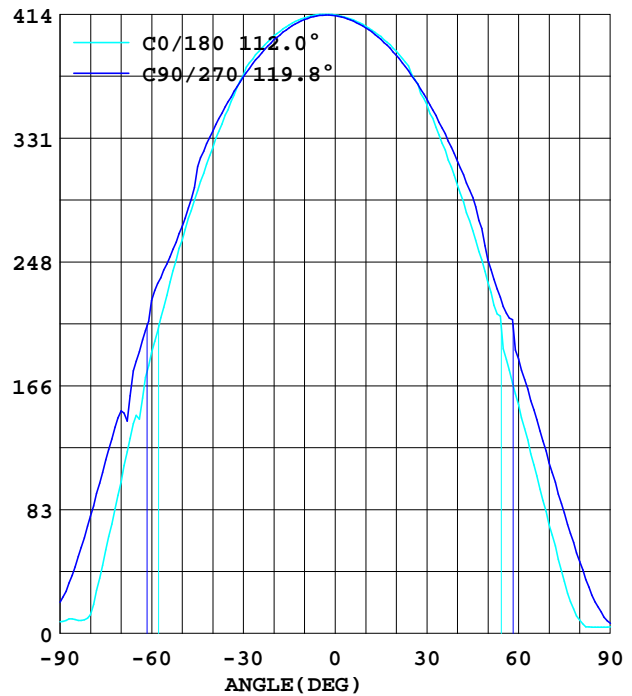
MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y RGBW		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130007

DATA OF LAMP		I _{max} (cd)	414.1	S/MH(C0/180)	1.33
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.34
NOMINAL POWER(W)	18	TOTAL FLUX(lm)	1297.0	Voltage(V)	23.98
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	70.6	Current(A)	0.766
NOMINAL FLUX(lm)	1297.0	h up(%)	3.3	Power(W)	18.37
LAMPS QUANTITY	1	h down(%)	96.7	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	1234.8	EEL	0.201

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 RGBW		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130007

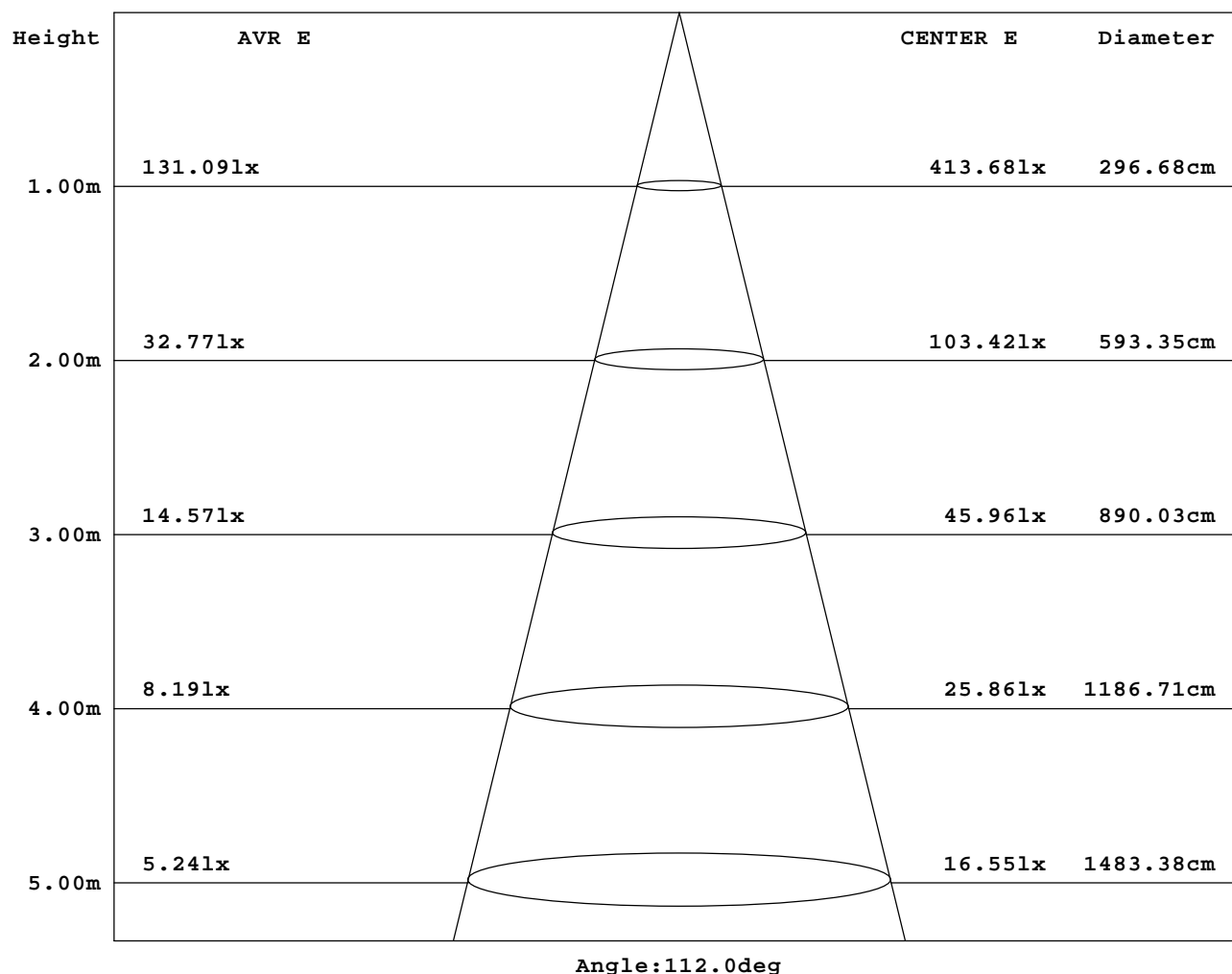
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月30日

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 RGBW		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130007



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 RGBW		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130007

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tStal
5.0	413.9	412.7	413.2	411.2	411.0	411.8	410.4	412.2	0- 5	9.867	9.867
10.0	411.7	409.5	410.5	406.9	406.0	407.7	405.0	408.8	5- 10	29.34	39.21
15.0	407.0	403.3	405.0	400.5	399.2	401.0	397.3	402.8	10- 15	48.07	87.28
20.0	399.6	394.5	397.0	391.5	389.3	392.3	386.6	394.6	15- 20	65.53	152.8
25.0	389.2	382.7	385.8	379.6	374.3	380.9	373.2	383.2	20- 25	81.24	234.0
30.0	373.4	368.9	372.4	365.4	353.9	366.5	357.4	368.9	25- 30	94.58	328.6
35.0	350.1	351.5	355.5	347.7	327.8	349.7	338.1	352.3	30- 35	104.9	433.5
40.0	324.5	331.2	335.7	326.9	299.8	329.5	315.8	332.1	35- 40	112.0	545.6
45.0	296.0	308.7	312.2	304.1	269.4	306.2	291.5	308.7	40- 45	115.6	661.2
50.0	263.1	281.8	272.4	277.3	234.7	281.2	249.8	281.1	45- 50	114.5	775.8
55.0	226.2	243.9	247.0	239.5	190.4	251.9	218.6	242.3	50- 55	109.3	885.2
60.0	187.7	212.1	222.6	191.0	153.0	200.7	183.4	196.3	55- 60	98.94	984.1
65.0	145.8	162.3	182.0	157.0	112.6	142.7	149.5	158.9	60- 65	83.45	1068
70.0	101.3	123.1	148.9	121.2	72.87	129.2	114.2	135.7	65- 70	68.27	1136
75.0	55.91	85.57	116.0	84.87	34.77	98.19	80.53	104.3	70- 75	53.05	1189
80.0	12.62	54.59	78.52	54.44	8.828	62.18	48.09	69.30	75- 80	34.41	1223
85.0	9.370	27.87	44.45	27.80	4.181	36.47	20.98	42.51	80- 85	20.29	1244
90.0	7.744	8.828	20.83	10.60	4.336	15.56	6.737	19.12	85- 90	10.06	1254
95.0	7.279	4.723	11.92	6.195	4.568	8.905	4.026	9.292	90- 95	4.730	1258
100.0	7.124	4.104	8.983	4.336	4.878	8.208	4.259	8.286	95-100	3.599	1262
105.0	6.969	4.414	7.279	4.568	5.111	8.208	4.491	8.208	100-105	3.312	1265
110.0	6.969	4.646	7.124	4.723	5.420	8.131	4.723	8.131	105-110	3.247	1269
115.0	6.969	4.878	7.047	5.188	5.730	7.821	5.033	7.898	110-115	3.172	1272
120.0	7.047	5.188	7.047	5.188	5.962	7.666	5.265	7.821	115-120	3.093	1275
125.0	7.124	5.420	7.124	5.343	6.272	7.666	5.575	7.744	120-125	2.989	1278
130.0	7.279	5.653	7.201	5.575	6.504	7.744	5.808	7.821	125-130	2.880	1281
135.0	7.434	5.962	7.356	5.885	6.737	7.821	6.117	7.898	130-135	2.747	1283
140.0	7.511	6.195	7.434	6.117	7.047	7.976	6.350	7.976	135-140	2.588	1286
145.0	7.666	6.427	7.589	6.350	7.279	8.053	6.504	8.053	140-145	2.388	1288
150.0	7.821	6.582	7.666	6.504	7.434	8.131	6.737	8.053	145-150	2.152	1291
155.0	7.898	6.814	7.821	6.737	7.589	8.208	6.892	8.131	150-155	1.884	1293
160.0	8.053	6.969	7.898	6.892	7.821	8.208	7.047	8.131	155-160	1.587	1294
165.0	8.131	7.124	7.976	7.047	7.898	8.208	7.201	8.208	160-165	1.265	1295
170.0	8.208	7.201	8.131	7.124	7.976	8.208	7.279	8.208	165-170	0.921	1296
175.0	8.208	7.356	8.131	7.279	8.053	8.208	7.356	8.208	170-175	0.560	1297
180.0	8.208	7.511	8.053	7.434	8.363	8.053	7.511	8.053	175-180	0.188	1297
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:

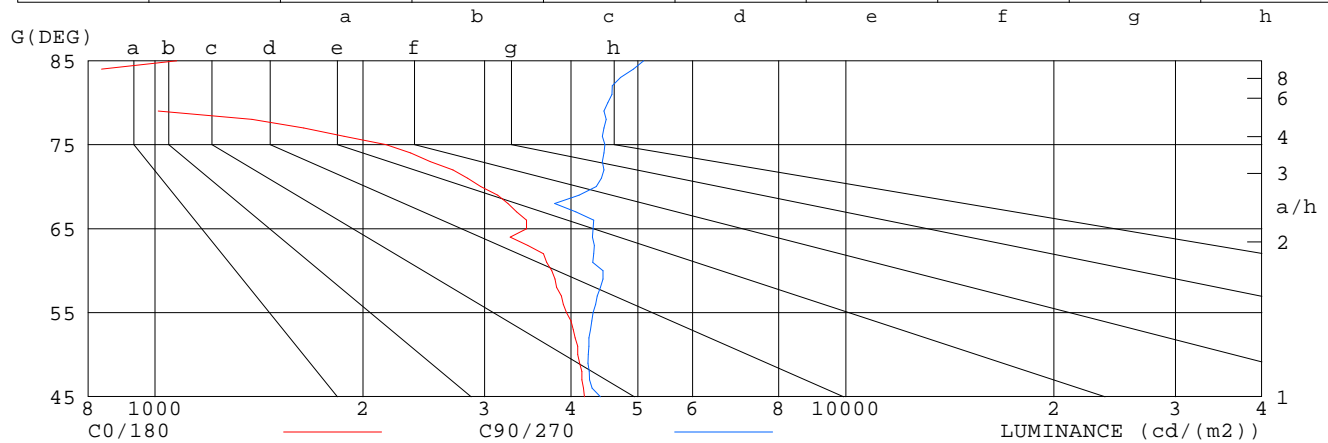
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y RGBW		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130007

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	1075	5100
80	727	4522
75	2160	4482
70	2964	4354
65	3452	4308
60	3754	4453
55	3944	4307
50	4094	4238
45	4187	4416

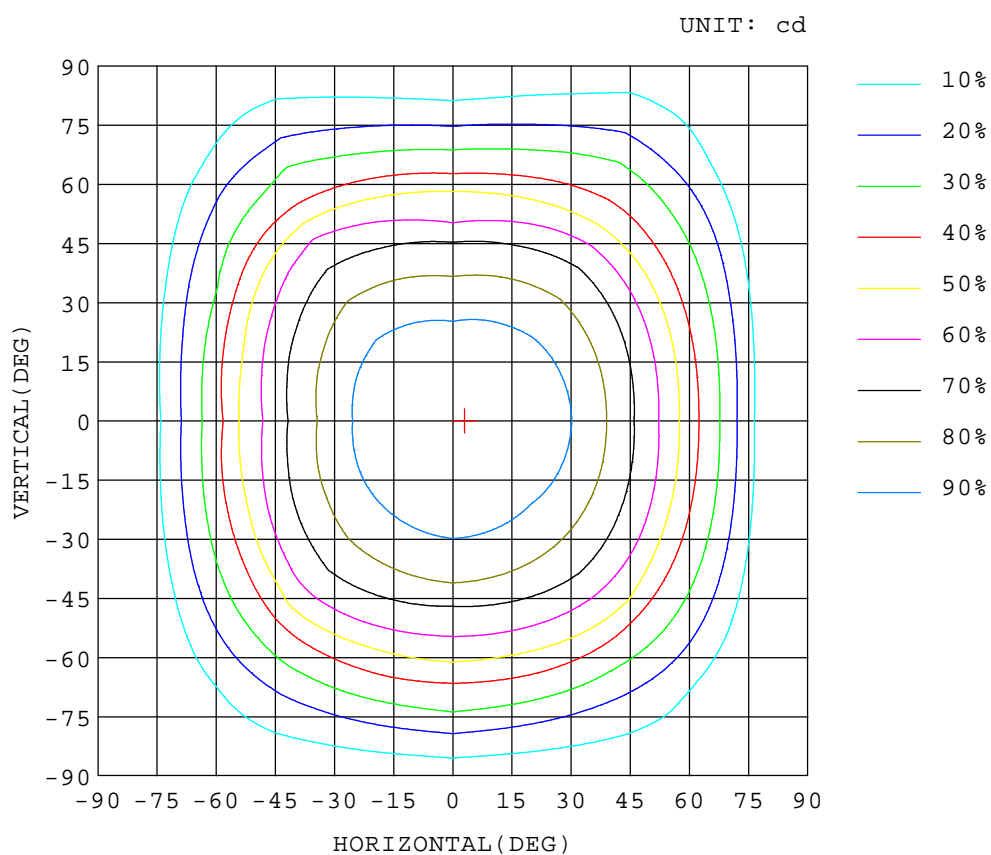
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年11月30日

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 RGBW		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130007



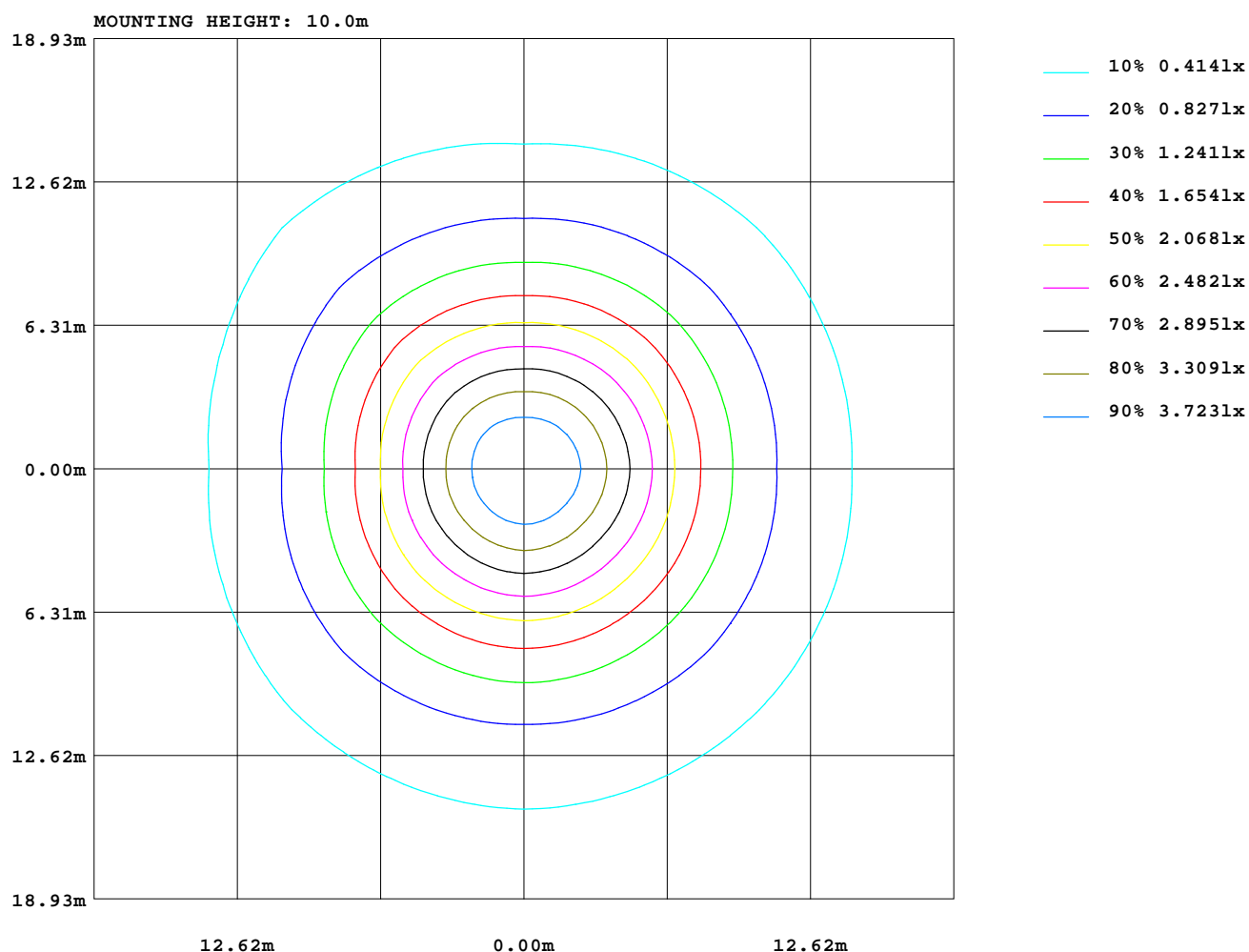
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月30日

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 RGBW		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130007



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 RGBW		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130007

90	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a				
	0.02	0.08	0.19	0.38	0.62	0.74	0.80	0.80	0.76	0.78	0.86	0.89	0.85	0.73	0.47	0.25	0.11	0.03	9.34	2.62						
80	0.02	0.11	0.34	0.77	1.39	1.87	2.21	2.43	2.48	2.50	2.49	2.32	2.00	1.53	0.88	0.41	0.15	0.03	23.9	22.5						
70	0.02	0.14	0.50	1.29	2.37	3.20	3.80	4.30	4.53	4.54	4.35	3.90	3.31	2.52	1.45	0.59	0.18	0.03	41.1	40.2						
60	0.02	0.17	0.76	1.85	3.11	4.55	5.78	6.50	6.73	6.69	6.40	5.64	4.53	3.29	2.08	0.92	0.21	0.03	59.3	58.8						
50	0.02	0.22	1.02	2.30	4.17	6.22	7.50	8.36	8.76	8.77	8.38	7.47	6.05	4.22	2.58	1.23	0.28	0.03	77.6	77.2						
40	0.02	0.27	1.22	2.81	5.04	7.13	8.76	9.77	10.2	10.2	9.81	8.82	7.24	5.15	3.08	1.49	0.36	0.03	91.5	91.3						
30	0.02	0.31	1.37	3.22	5.53	7.72	9.58	10.7	11.3	11.3	10.8	9.70	7.96	5.82	3.54	1.68	0.43	0.03	101	101						
VERTICAL(°)	0.02	0.33	1.47	3.43	5.79	8.08	10.0	11.4	12.0	12.0	11.5	10.2	8.44	6.20	3.84	1.82	0.47	0.03	107	107						
	0.01	0.33	1.49	3.46	5.85	8.21	10.2	11.6	12.3	12.4	11.8	10.6	8.70	6.36	3.97	1.88	0.48	0.03	110	110						
	0.01	0.33	1.49	3.45	5.84	8.20	10.2	11.6	12.4	12.4	11.8	10.6	8.69	6.36	3.97	1.88	0.48	0.03	110	110						
	0.02	0.32	1.47	3.40	5.77	8.06	10.0	11.4	12.1	12.1	11.5	10.2	8.43	6.20	3.86	1.81	0.46	0.03	107	107						
	0.02	0.30	1.37	3.16	5.49	7.67	9.55	10.8	11.5	11.6	10.9	9.69	7.95	5.84	3.55	1.67	0.41	0.03	102	102						
	0.02	0.25	1.19	2.77	4.93	7.06	8.77	9.98	10.6	10.6	10.0	8.88	7.25	5.21	3.10	1.45	0.34	0.03	92.6	92.4						
	0.02	0.20	0.96	2.29	4.04	6.05	7.57	8.62	9.22	9.24	8.68	7.66	6.17	4.26	2.55	1.16	0.25	0.03	79.0	78.6						
	0.02	0.15	0.69	1.75	3.10	4.56	5.91	6.92	7.44	7.46	6.97	5.98	4.65	3.25	1.93	0.81	0.18	0.03	61.8	61.3						
	0.02	0.11	0.45	1.14	2.15	3.17	4.09	4.82	5.30	5.31	4.85	4.14	3.23	2.22	1.23	0.49	0.14	0.03	42.9	42.0						
	0.02	0.08	0.27	0.65	1.21	1.83	2.44	2.98	3.37	3.37	2.99	2.45	1.83	1.22	0.67	0.30	0.11	0.02	25.8	24.1						
0.01	0.06	0.14	0.28	0.48	0.71	0.94	1.16	1.34	1.34	1.16	0.94	0.69	0.46	0.28	0.16	0.08	0.02	10.2	4.50							
-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(°)										20	30	40	50	60	70	80	90
Φ t	0.31	3.74	16.4	38.4	66.9	95.1	118	135	143	143	136	120	98.0	70.9	43.0	20.0	5.12	0.53	1297							
Φ a	0.00	1.60	14.7	37.1	65.9	94.0	117	134	142	142	135	119	97.0	69.9	41.8	18.4	3.16	0.00			1235					

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

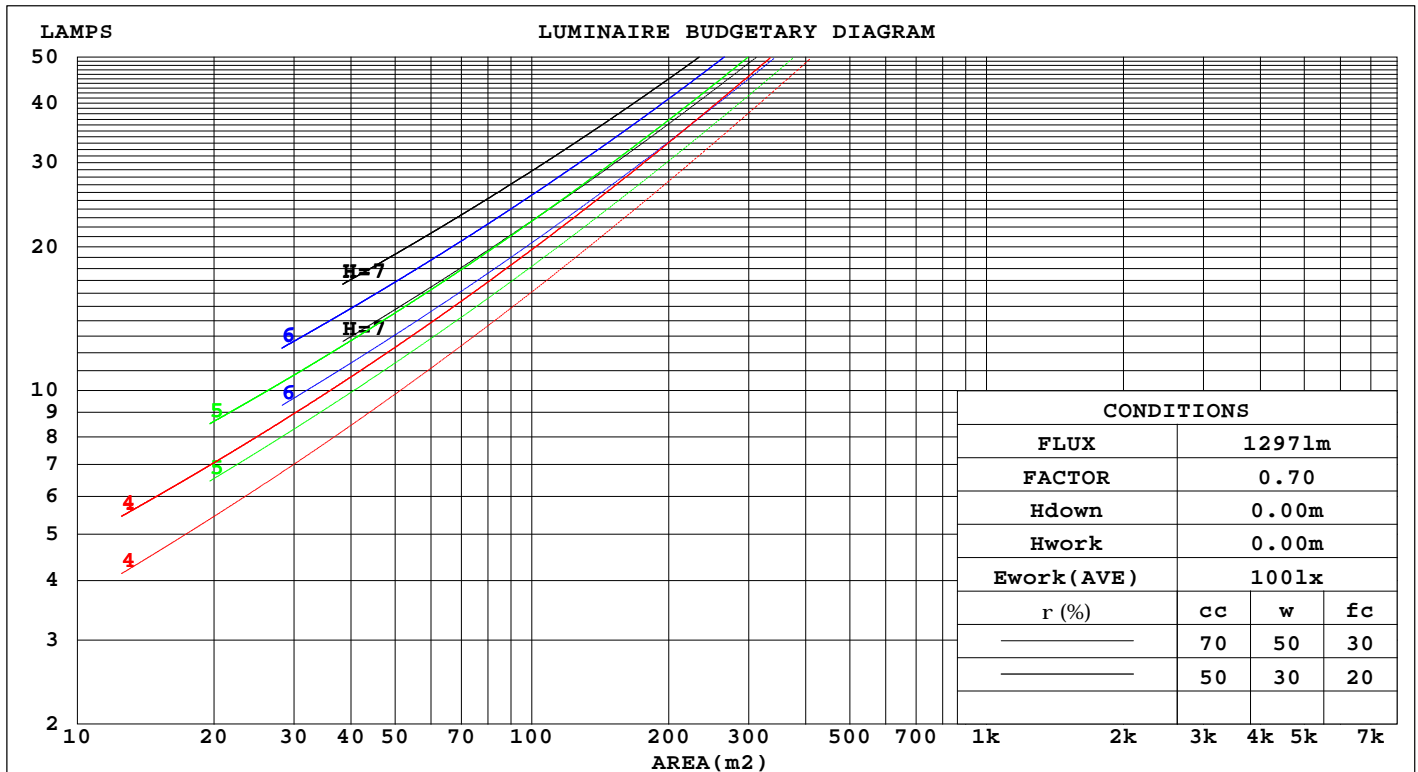
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y RGBW		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130007

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rhc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.97
1.0	1.03	.98	.95	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80
2.0	.89	.83	.77	.87	.81	.76	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67
3.0	.78	.70	.64	.77	.69	.63	.73	.67	.61	.70	.64	.60	.67	.62	.58	.56
4.0	.69	.60	.54	.68	.59	.53	.65	.58	.52	.62	.56	.51	.60	.54	.50	.48
5.0	.62	.53	.46	.60	.52	.46	.58	.51	.45	.56	.49	.44	.53	.48	.43	.41
6.0	.56	.47	.40	.54	.46	.40	.52	.45	.39	.50	.44	.39	.48	.42	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.35	.46	.39	.34	.44	.38	.34	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.24	.23



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 RGBW						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050 112D				CCT(K): 0		DIMENSION: 1M*0.012M			SERIAL No.: 20211130007		

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	.314	.179	.057	.306	.175	.055	.291	.167	.053	.277	.160	.051	.264	.153	.049	
2.0	.293	.161	.049	.286	.158	.049	.273	.152	.047	.260	.146	.046	.249	.141	.044	
3.0	.271	.144	.043	.265	.142	.043	.253	.137	.042	.241	.132	.041	.231	.128	.040	
4.0	.250	.130	.038	.244	.128	.038	.233	.124	.037	.223	.120	.036	.214	.116	.035	
5.0	.231	.118	.034	.226	.116	.034	.216	.113	.033	.207	.109	.033	.199	.106	.032	
6.0	.214	.107	.031	.209	.106	.030	.201	.103	.030	.193	.100	.029	.185	.098	.029	
7.0	.199	.098	.028	.195	.097	.028	.187	.095	.027	.180	.092	.027	.173	.090	.026	
8.0	.186	.091	.026	.182	.090	.025	.175	.088	.025	.169	.085	.025	.163	.083	.024	
9.0	.174	.084	.024	.171	.083	.023	.165	.081	.023	.159	.079	.023	.153	.078	.022	
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.150	.074	.021	.144	.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	.216	.216	.216	.185	.185	.185	.126	.126	.126	.072	.072	.072	.023	.023	.023		
1.0	.206	.182	.160	.176	.156	.137	.121	.107	.095	.069	.062	.055	.022	.020	.018		
2.0	.198	.158	.124	.170	.136	.107	.116	.094	.075	.067	.055	.044	.022	.018	.014		
3.0	.191	.140	.100	.163	.121	.087	.112	.084	.061	.065	.049	.036	.021	.016	.012		
4.0	.183	.127	.084	.157	.110	.073	.108	.077	.052	.062	.045	.031	.020	.015	.010		
5.0	.176	.117	.073	.151	.101	.064	.104	.071	.045	.060	.041	.027	.019	.014	.009		
6.0	.169	.108	.065	.145	.094	.057	.100	.066	.040	.058	.039	.024	.019	.013	.008		
7.0	.162	.102	.059	.139	.088	.052	.096	.062	.037	.056	.036	.022	.018	.012	.007		
8.0	.155	.096	.055	.134	.083	.048	.093	.058	.034	.054	.034	.020	.017	.011	.007		
9.0	.149	.091	.052	.129	.079	.045	.089	.056	.032	.052	.033	.019	.017	.011	.006		
10.0	.144	.087	.049	.124	.075	.043	.086	.053	.030	.050	.031	.018	.016	.010	.006		

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 RGBW						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050 112D			CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211130007		
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	2H	17.6	19.0	17.9	19.3	19.6	18.0	19.5	18.4	19.8	20.1
	3H	18.8	20.2	19.2	20.5	20.8	19.7	21.1	20.0	21.4	21.7
	4H	19.2	20.5	19.5	20.8	21.1	20.5	21.8	20.9	22.1	22.5
	6H	19.2	20.4	19.6	20.8	21.1	21.2	22.4	21.6	22.8	23.1
	8H	19.2	20.4	19.6	20.7	21.1	21.5	22.7	21.9	23.0	23.4
	12H	19.2	20.3	19.6	20.6	21.0	21.7	22.9	22.1	23.2	23.6
4H	2H	18.2	19.5	18.5	19.8	20.1	18.6	19.9	18.9	20.2	20.5
	3H	19.6	20.8	20.1	21.1	21.5	20.4	21.6	20.8	21.9	22.3
	4H	20.1	21.1	20.5	21.5	21.9	21.4	22.4	21.8	22.8	23.2
	6H	20.2	21.2	20.7	21.6	22.0	22.2	23.1	22.6	23.5	24.0
	8H	20.2	21.1	20.7	21.5	22.0	22.5	23.4	23.0	23.8	24.3
	12H	20.2	21.0	20.7	21.5	21.9	22.9	23.7	23.3	24.1	24.6
8H	4H	20.4	21.3	20.9	21.7	22.2	21.5	22.4	22.0	22.8	23.3
	6H	20.7	21.4	21.2	21.9	22.4	22.5	23.2	23.0	23.7	24.2
	8H	20.8	21.4	21.3	21.9	22.4	23.0	23.6	23.5	24.1	24.6
	12H	20.8	21.4	21.4	21.9	22.4	23.5	24.0	24.0	24.5	25.1
12H	4H	20.5	21.2	20.9	21.7	22.2	21.5	22.3	22.0	22.8	23.2
	6H	20.8	21.4	21.3	21.9	22.5	22.6	23.2	23.1	23.7	24.2
	8H	20.9	21.5	21.5	22.0	22.5	23.1	23.6	23.6	24.1	24.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.4					+ 0.3 / - 0.3					
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.2					

CIE Pub.117 Corrected 1297 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.9)

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 RGBW		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130007

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) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	56	73	62	55	70	64	55	47
1.25	82	71	64	80	70	63	77	68	62	54
1.50	87	76	69	85	75	69	81	73	67	59
2.00	94	85	78	91	83	77	88	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	89	84	75
4.00	105	99	94	102	97	93	97	93	89	80
5.00	107	102	98	105	100	96	100	96	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

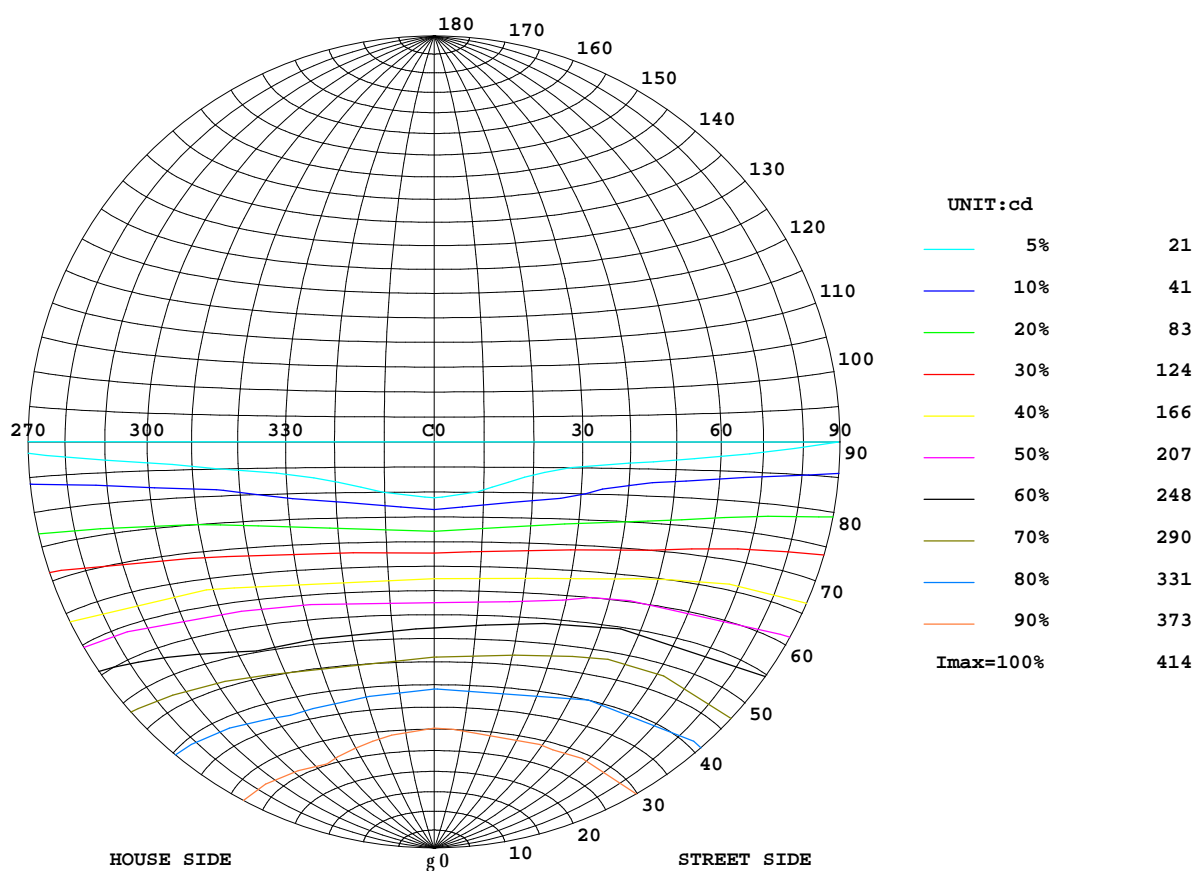
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月30日

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 RGBW		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130007



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

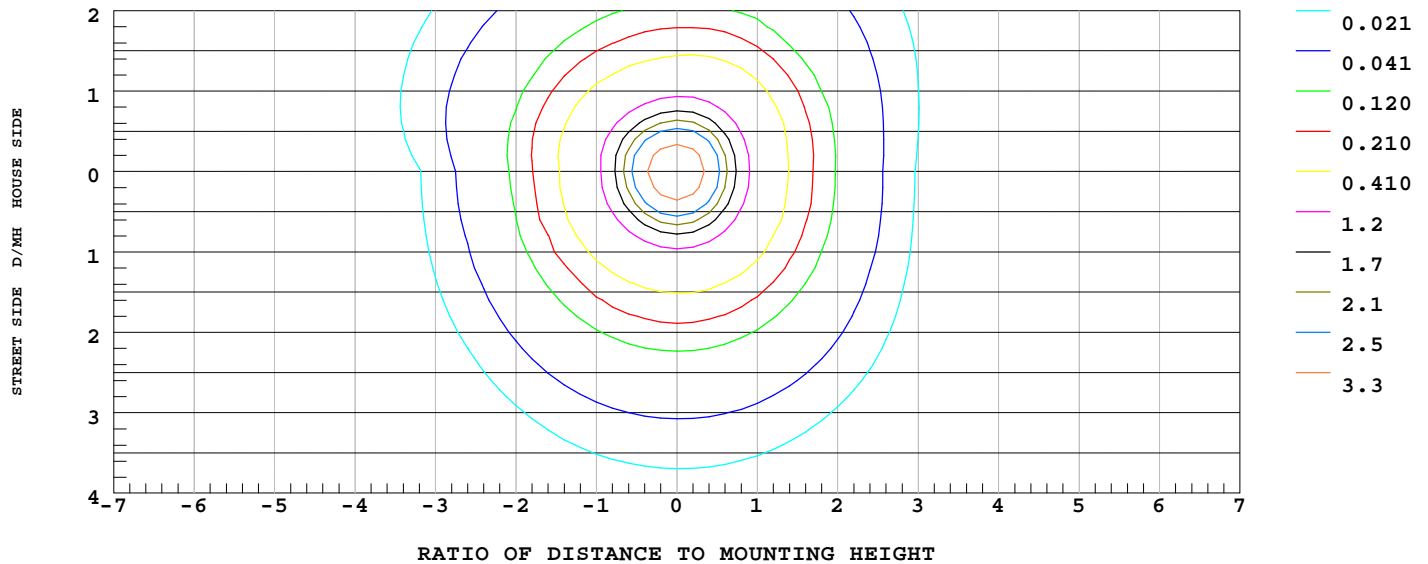
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 47-RS-5050-24-112-12-X-Y RGBW		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130007

ILLUMINANCE AT MH=10 m, Enadir = 4.14 lx



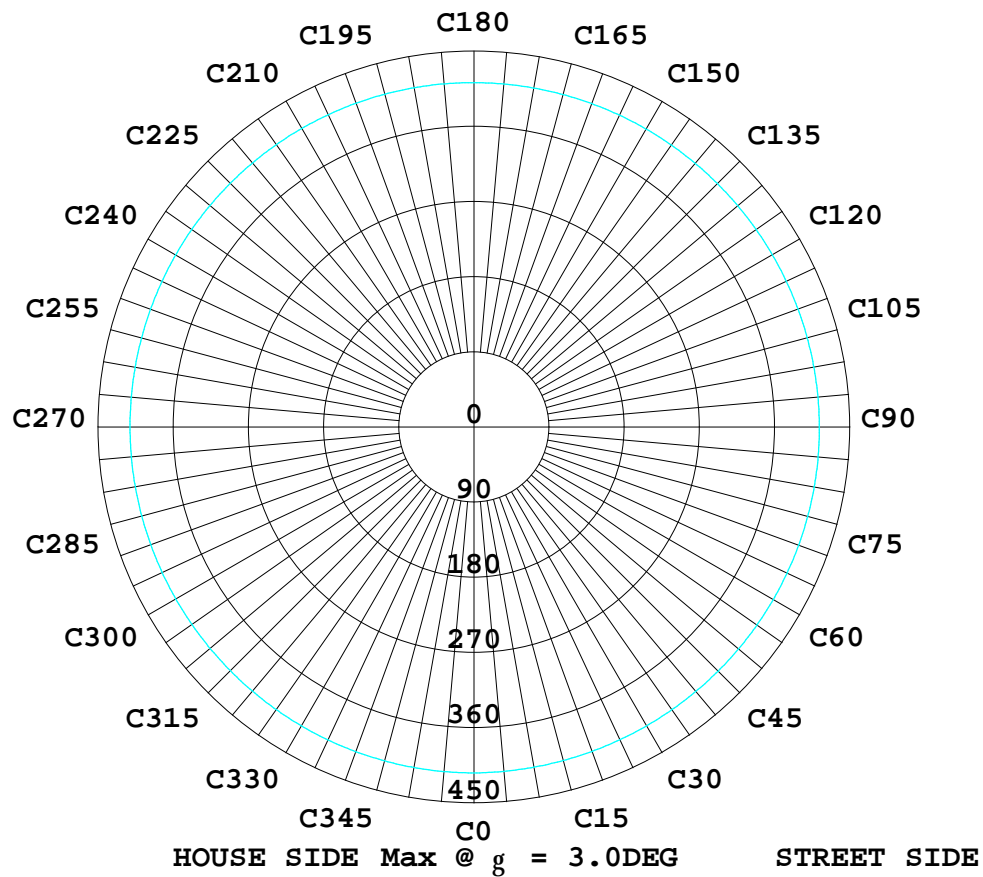
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月30日

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 RGBW		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 112D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211130007



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: