

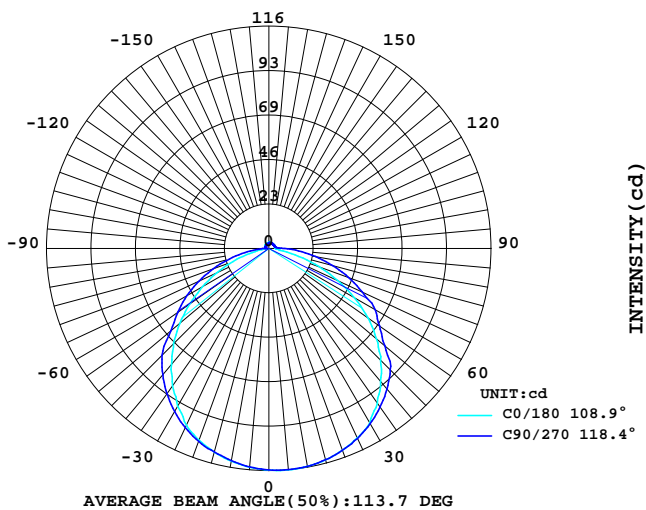
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

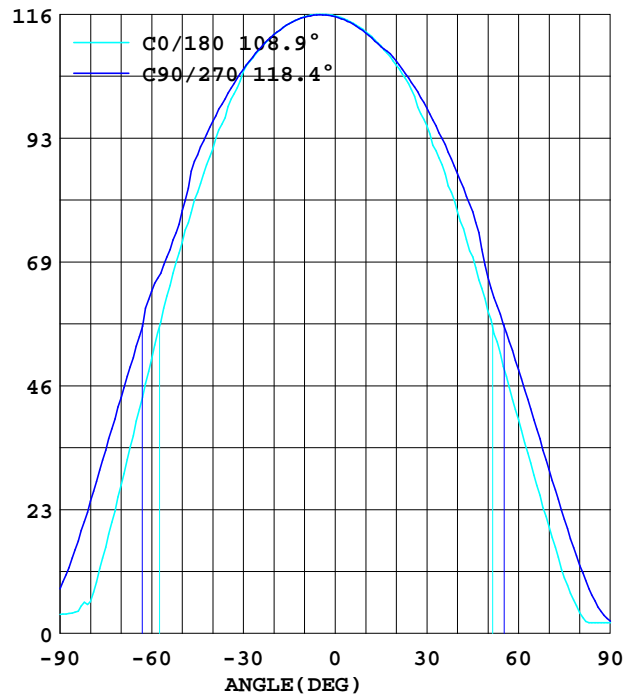
MANUFACTURER:			
Address:			
NAME: 46-RS-5050-24-60-12-X-Y W		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 4000	DIMENSION: 1M*0.012M	SERIAL No.: 20211129016

DATA OF LAMP		Imax(cd)	115.6	S/MH(C0/180)	1.34
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.36
NOMINAL POWER(W)	4	TOTAL FLUX(lm)	362.88	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	93.0	Current(A)	0.162
NOMINAL FLUX(lm)	362.9	h up(%)	4.9	Power(W)	3.900
LAMPS QUANTITY	1	h down(%)	95.1	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	339.7	EEL	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月29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: 46-RS-5050-24-60-12-X-Y W		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 4000	DIMENSION: 1M*0.012M	SERIAL No.: 20211129016

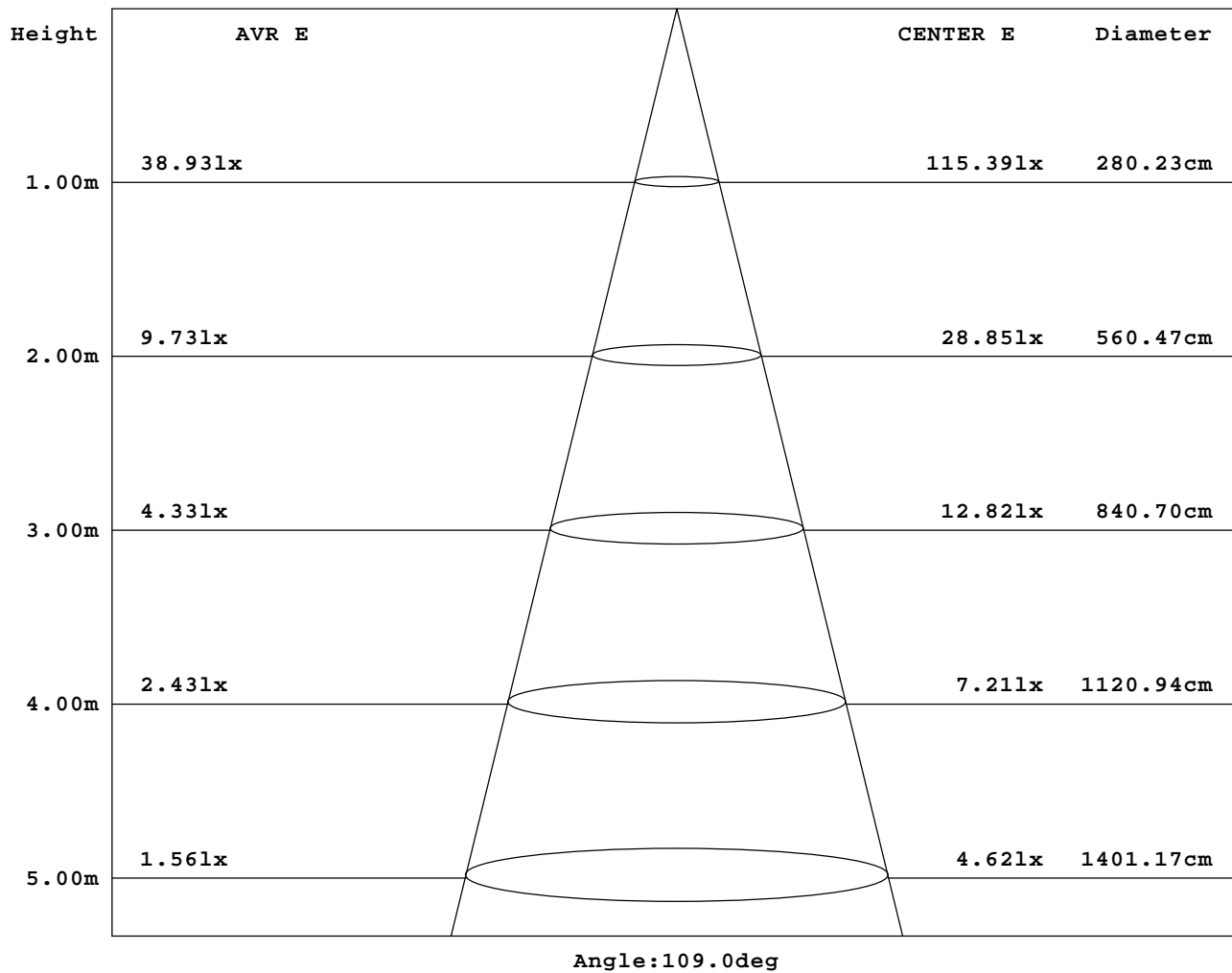
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月29日

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: 46-RS-5050-24-60-12-X-Y W		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 4000	DIMENSION: 1M*0.012M	SERIAL No.: 20211129016



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021年11月29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: 46-RS-5050-24-60-12-X-Y W		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 4000	DIMENSION: 1M*0.012M	SERIAL No.: 20211129016

g	C0	C45	C90	C135	C180	C225	C270	C315	g	4one	tBtal
5.0	115.6	115.1	115.6	114.9	114.3	115.2	114.1	115.1	0- 5	2.755	2.755
10.0	115.2	114.0	115.1	113.7	112.4	114.0	112.2	114.1	5- 10	8.189	10.94
15.0	113.9	112.0	113.9	111.7	109.8	112.1	109.6	112.2	10- 15	13.39	24.33
20.0	111.9	109.1	111.9	108.8	106.1	109.2	106.9	109.5	15- 20	18.22	42.56
25.0	108.8	105.6	109.1	105.2	101.6	105.7	102.9	106.0	20- 25	22.54	65.10
30.0	105.0	101.1	105.3	100.7	94.94	101.2	98.19	101.7	25- 30	26.14	91.25
35.0	98.42	95.79	100.9	95.40	87.58	95.87	92.46	96.41	30- 35	28.90	120.1
40.0	90.44	89.83	95.63	89.44	78.75	89.83	85.88	90.52	35- 40	30.72	150.8
45.0	82.39	82.78	89.44	82.39	70.31	82.78	78.75	83.55	40- 45	31.53	182.4
50.0	73.10	74.88	78.98	74.57	60.24	74.88	66.59	75.73	45- 50	31.15	213.5
55.0	63.03	65.12	70.31	66.05	49.87	66.67	57.77	64.19	50- 55	29.44	243.0
60.0	51.18	52.19	63.88	53.04	39.88	53.58	49.25	51.18	55- 60	26.47	269.5
65.0	39.64	43.36	53.66	43.83	29.58	43.13	39.88	42.59	60- 65	22.77	292.2
70.0	27.72	33.68	44.06	34.84	19.97	33.14	30.66	34.61	65- 70	18.72	311.0
75.0	16.10	24.31	34.22	26.79	10.37	24.78	21.29	25.32	70- 75	14.52	325.5
80.0	5.962	16.33	24.70	17.88	3.872	16.49	12.70	18.27	75- 80	9.926	335.4
85.0	3.949	9.447	15.64	10.68	2.013	10.22	6.040	10.53	80- 85	6.245	341.6
90.0	3.562	3.639	8.363	4.723	2.013	5.188	2.323	5.343	85- 90	3.430	345.1
95.0	3.407	1.858	4.878	2.323	2.090	3.717	1.781	3.717	90- 95	1.908	347.0
100.0	3.252	1.781	3.794	1.936	2.168	3.562	1.858	3.562	95-100	1.538	348.5
105.0	3.175	1.858	3.329	1.936	2.245	3.484	1.936	3.484	100-105	1.442	350.0
110.0	3.097	1.936	3.175	1.936	2.323	3.407	2.013	3.407	105-110	1.397	351.4
115.0	3.097	2.013	3.175	2.013	2.400	3.252	2.090	3.329	110-115	1.348	352.7
120.0	3.097	2.090	3.097	2.090	2.478	3.252	2.168	3.252	115-120	1.299	354.0
125.0	3.020	2.168	3.097	2.090	2.555	3.175	2.245	3.175	120-125	1.244	355.3
130.0	3.097	2.245	3.020	2.168	2.632	3.175	2.323	3.175	125-130	1.179	356.4
135.0	3.097	2.323	3.020	2.245	2.710	3.175	2.400	3.175	130-135	1.112	357.5
140.0	3.097	2.400	3.020	2.323	2.787	3.175	2.478	3.175	135-140	1.035	358.6
145.0	3.097	2.478	3.097	2.400	2.865	3.175	2.478	3.175	140-145	0.944	359.5
150.0	3.097	2.555	3.097	2.478	2.942	3.175	2.555	3.175	145-150	0.844	360.4
155.0	3.175	2.555	3.097	2.555	3.020	3.175	2.632	3.175	150-155	0.732	361.1
160.0	3.175	2.632	3.097	2.555	3.020	3.175	2.632	3.175	155-160	0.615	361.7
165.0	3.175	2.710	3.097	2.632	3.097	3.175	2.710	3.175	160-165	0.486	362.2
170.0	3.175	2.710	3.097	2.632	3.097	3.175	2.710	3.175	165-170	0.353	362.6
175.0	3.175	2.710	3.175	2.710	3.097	3.175	2.710	3.097	170-175	0.213	362.8
180.0	3.175	2.865	3.097	2.787	3.329	3.097	2.787	3.020	175-180	0.071	362.8
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月29日

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

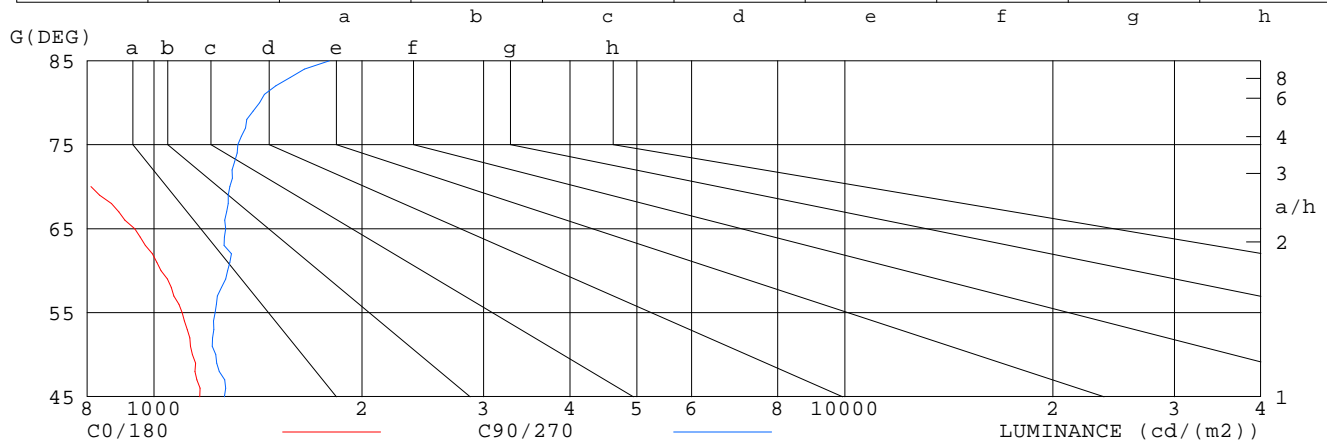
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 46-RS-5050-24-60-12-X-Y W		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 4000	DIMENSION: 1M*0.012M	SERIAL No.: 20211129016

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	453	1795
80	343	1423
75	622	1322
70	811	1288
65	938	1270
60	1024	1278
55	1099	1226
50	1137	1229
45	1165	1265

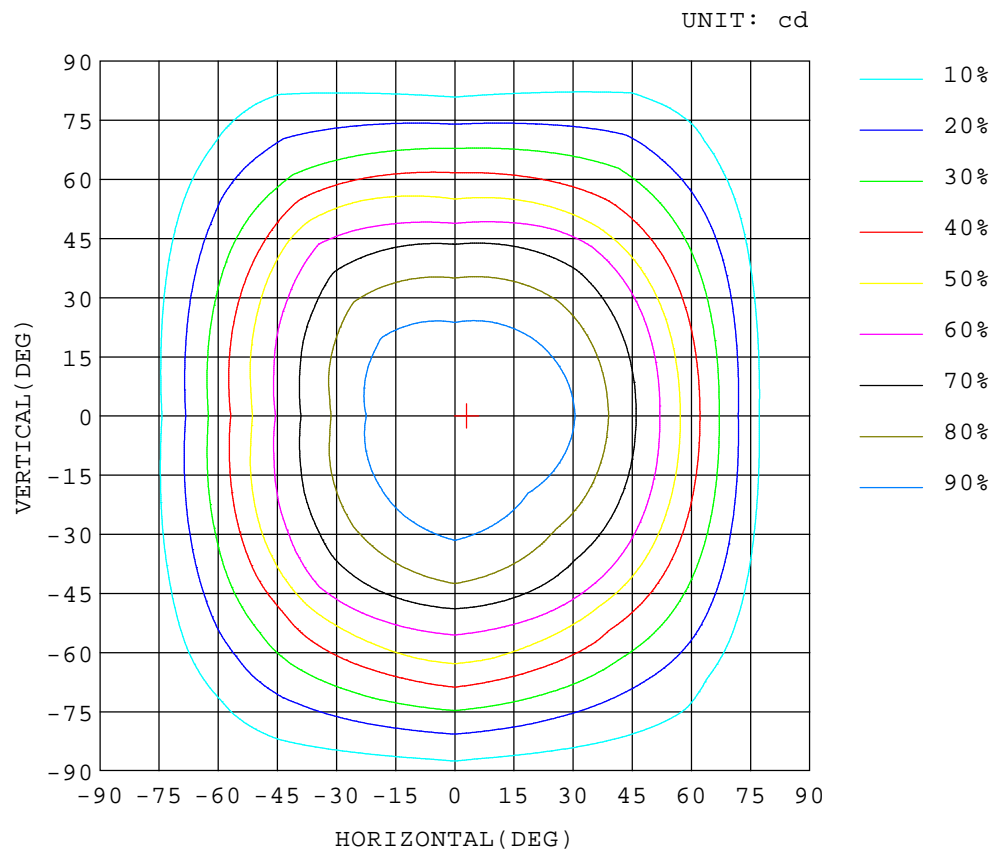
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年11月29日

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: 46-RS-5050-24-60-12-X-Y W		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 4000	DIMENSION: 1M*0.012M	SERIAL No.: 20211129016



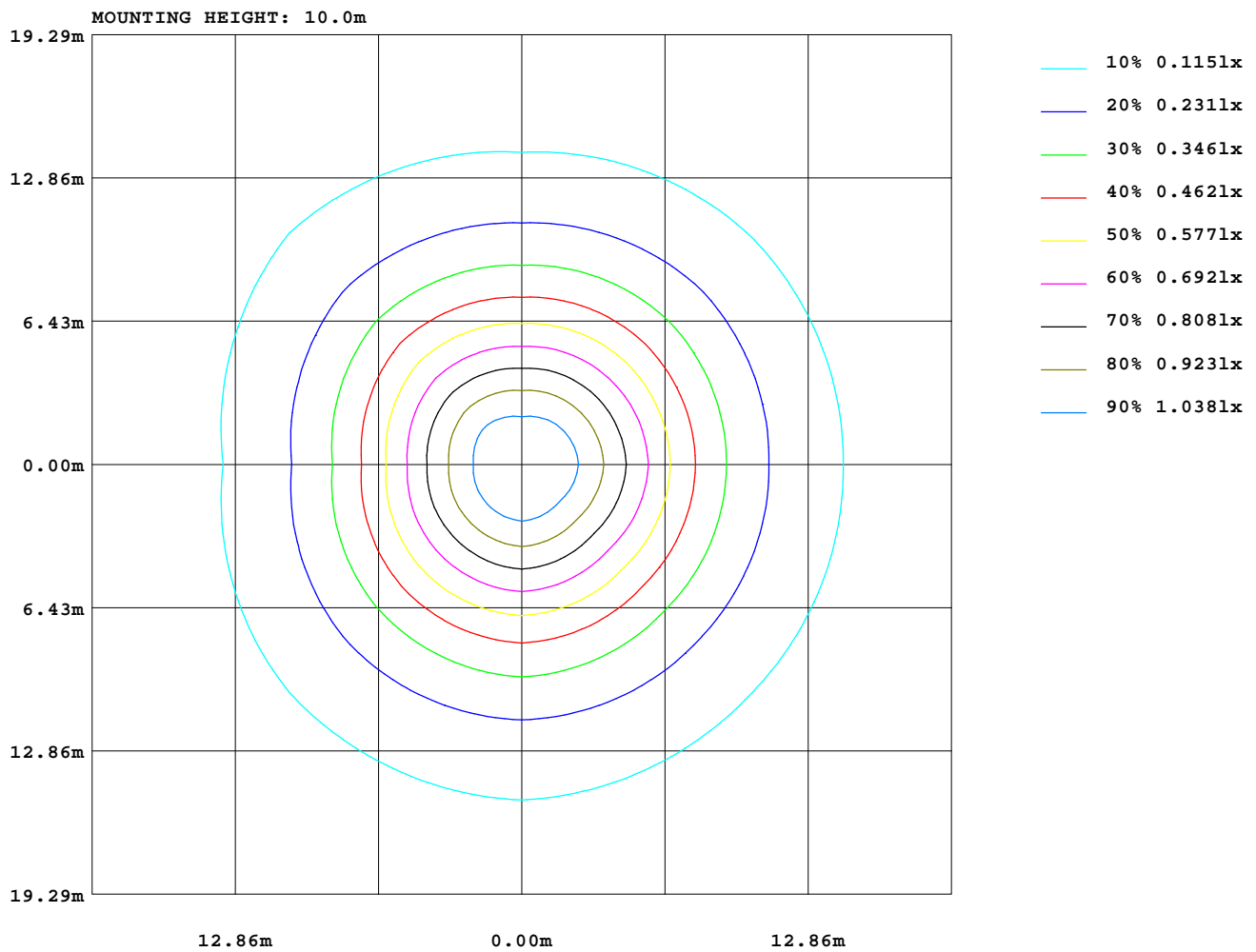
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月29日

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: 46-RS-5050-24-60-12-X-Y W		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 4000	DIMENSION: 1M*0.012M	SERIAL No.: 20211129016



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2021年11月29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: 46-RS-5050-24-60-12-X-Y W		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 4000	DIMENSION: 1M*0.012M	SERIAL No.: 20211129016

		AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a	
VERTICAL(DEG)	90																					
	80	0.01	0.03	0.06	0.11	0.18	0.21	0.23	0.22	0.21	0.21	0.23	0.23	0.22	0.19	0.12	0.07	0.04	0.01	2.58	0.55	
	70	0.01	0.03	0.10	0.21	0.37	0.49	0.58	0.64	0.66	0.66	0.65	0.59	0.51	0.39	0.24	0.12	0.04	0.01	6.28	5.86	
	60	0.01	0.04	0.14	0.34	0.61	0.83	1.01	1.15	1.21	1.21	1.15	1.02	0.85	0.63	0.37	0.17	0.06	0.01	10.8	10.6	
	50	0.01	0.05	0.21	0.48	0.84	1.22	1.53	1.71	1.77	1.76	1.68	1.48	1.19	0.87	0.54	0.25	0.07	0.01	15.7	15.5	
	40	0.01	0.07	0.27	0.62	1.10	1.64	2.00	2.24	2.36	2.36	2.25	2.00	1.61	1.11	0.69	0.33	0.09	0.01	20.8	20.6	
	30	0.01	0.08	0.33	0.75	1.32	1.90	2.37	2.67	2.80	2.80	2.67	2.39	1.96	1.39	0.83	0.40	0.11	0.01	24.8	24.7	
		0.01	0.09	0.37	0.85	1.45	2.07	2.62	2.97	3.12	3.12	2.98	2.66	2.18	1.59	0.96	0.46	0.12	0.01	27.6	27.5	
		0.01	0.10	0.39	0.89	1.52	2.17	2.75	3.17	3.33	3.33	3.19	2.85	2.33	1.71	1.05	0.50	0.14	0.01	29.4	29.4	
		0.01	0.10	0.40	0.90	1.52	2.19	2.79	3.23	3.45	3.46	3.31	2.96	2.42	1.76	1.09	0.52	0.14	0.01	30.3	30.2	
		0.01	0.10	0.40	0.89	1.52	2.19	2.79	3.22	3.46	3.48	3.30	2.96	2.42	1.76	1.09	0.52	0.14	0.01	30.3	30.2	
		0.01	0.10	0.39	0.89	1.51	2.16	2.74	3.16	3.40	3.41	3.19	2.84	2.32	1.70	1.05	0.50	0.13	0.01	29.5	29.5	
	-30	0.01	0.09	0.37	0.84	1.45	2.06	2.61	3.02	3.25	3.26	3.02	2.65	2.16	1.58	0.96	0.45	0.12	0.01	27.9	27.9	
	-40	0.01	0.08	0.33	0.74	1.31	1.90	2.40	2.78	3.01	3.01	2.78	2.41	1.94	1.39	0.84	0.40	0.11	0.01	25.4	25.4	
	-50	0.01	0.07	0.28	0.63	1.08	1.63	2.08	2.42	2.64	2.64	2.42	2.08	1.63	1.12	0.69	0.32	0.09	0.01	21.8	21.7	
	-60	0.01	0.06	0.22	0.50	0.86	1.25	1.63	1.93	2.10	2.10	1.92	1.62	1.24	0.87	0.53	0.24	0.07	0.01	17.2	17.0	
-70	0.01	0.04	0.15	0.36	0.64	0.92	1.18	1.42	1.58	1.58	1.41	1.17	0.90	0.62	0.36	0.16	0.05	0.01	12.5	12.3		
-80	0.01	0.04	0.10	0.22	0.40	0.58	0.75	0.90	1.00	1.00	0.88	0.72	0.55	0.37	0.22	0.11	0.04	0.01	7.90	7.47		
-90	0.01	0.03	0.06	0.12	0.19	0.27	0.34	0.41	0.46	0.46	0.40	0.32	0.24	0.16	0.11	0.06	0.03	0.01	3.67	2.12		
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90	
Φ t		0.13	1.18	4.56	10.3	17.9	25.7	32.4	37.3	39.8	39.9	37.5	33.0	26.7	19.2	11.7	5.54	1.58	0.22	363		
Φ a		0.00	0.52	4.08	9.96	17.6	25.4	32.2	37.0	39.6	39.6	37.2	32.7	26.4	18.9	11.4	5.09	0.97	0.00		340	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月29日

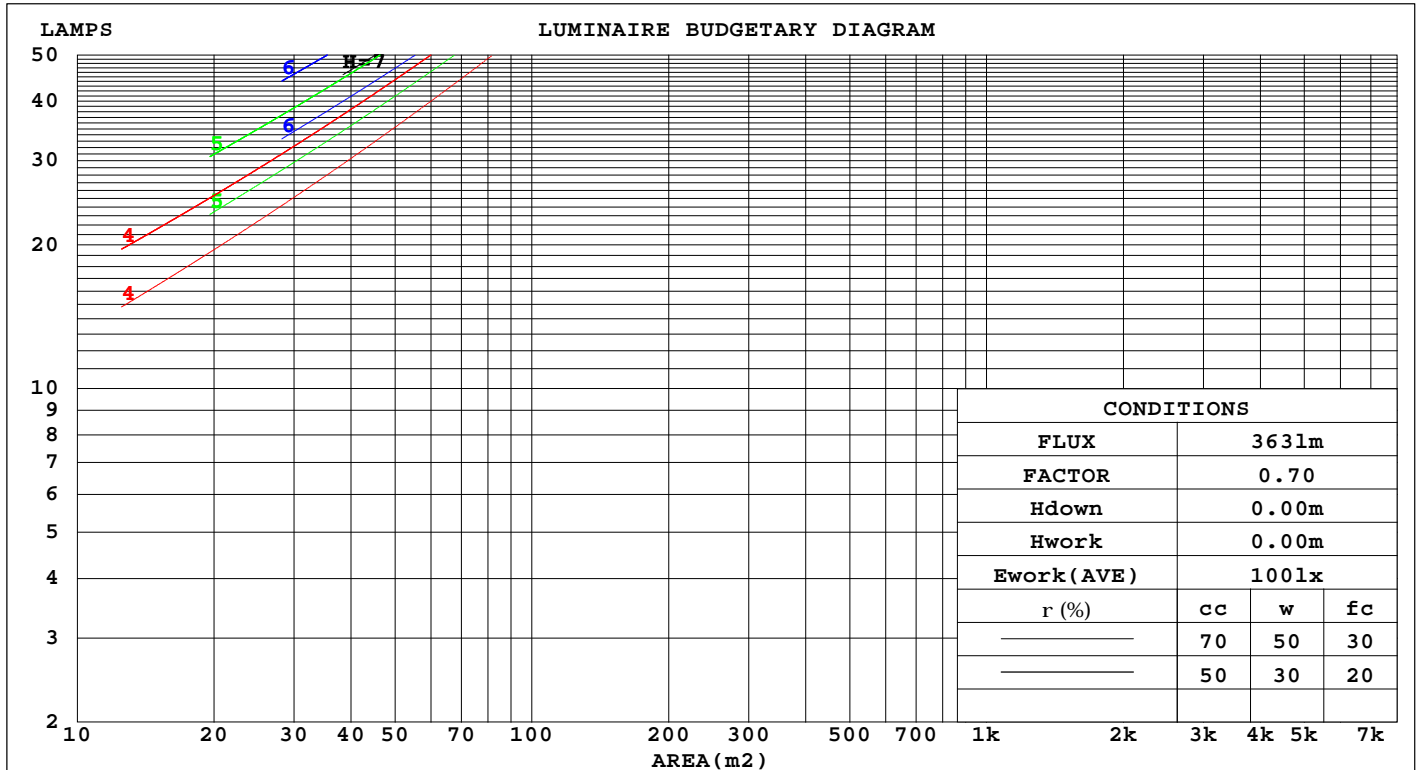
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 46-RS-5050-24-60-12-X-Y W		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 4000	DIMENSION: 1M*0.012M	SERIAL No.: 20211129016

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	1.15	1.15	1.15	1.08	1.08	1.08	1.03	1.03	1.03	.98	.98	.98	.95
1.0	1.02	.98	.94	.90	.96	.92	.94	.91	.88	.90	.87	.85	.85	.83	.81	.79
2.0	.89	.82	.76	.87	.80	.75	.82	.77	.72	.78	.74	.70	.75	.71	.68	.65
3.0	.78	.70	.63	.76	.68	.62	.72	.66	.61	.69	.64	.59	.66	.61	.57	.55
4.0	.69	.60	.53	.67	.59	.53	.64	.57	.52	.61	.55	.50	.59	.53	.49	.47
5.0	.62	.53	.46	.60	.52	.45	.57	.50	.44	.55	.49	.44	.53	.47	.43	.40
6.0	.55	.46	.40	.54	.46	.40	.52	.44	.39	.50	.43	.38	.48	.42	.37	.35
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.45	.39	.34	.43	.38	.33	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.41	.35	.30	.40	.34	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.35	.29	.25	.34	.28	.24	.22



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月29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: 46-RS-5050-24-60-12-X-Y W						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050 60D			CCT(K): 4000			DIMENSION: 1M*0.012M			SERIAL No.: 20211129016		

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	.317	.180	.057	.308	.176	.056	.292	.168	.053	.277	.160	.051	.264	.153	.049	
2.0	.294	.161	.049	.286	.158	.049	.272	.151	.047	.259	.145	.045	.247	.140	.044	
3.0	.271	.144	.043	.264	.141	.043	.251	.136	.041	.239	.131	.040	.228	.127	.039	
4.0	.249	.130	.038	.243	.127	.038	.232	.123	.037	.221	.119	.036	.211	.115	.035	
5.0	.230	.117	.034	.225	.115	.034	.215	.112	.033	.205	.108	.032	.196	.105	.031	
6.0	.213	.107	.031	.208	.105	.030	.199	.102	.030	.191	.099	.029	.183	.096	.029	
7.0	.198	.098	.028	.194	.097	.028	.186	.094	.027	.178	.091	.027	.171	.089	.026	
8.0	.185	.091	.025	.181	.089	.025	.174	.087	.025	.167	.084	.024	.160	.082	.024	
9.0	.174	.084	.023	.170	.083	.023	.163	.081	.023	.157	.079	.022	.151	.076	.022	
10.0	.163	.078	.022	.160	.077	.022	.154	.075	.021	.148	.073	.021	.142	.072	.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	.228	.228	.228	.195	.195	.195	.133	.133	.133	.076	.076	.076	.024	.024	.024		
1.0	.218	.194	.171	.187	.166	.148	.128	.114	.102	.074	.066	.059	.024	.021	.019		
2.0	.210	.170	.136	.180	.146	.117	.124	.101	.082	.071	.059	.048	.023	.019	.016		
3.0	.203	.152	.112	.174	.131	.097	.119	.091	.068	.069	.053	.040	.022	.017	.013		
4.0	.195	.139	.097	.167	.120	.084	.115	.084	.059	.067	.049	.035	.021	.016	.011		
5.0	.188	.129	.086	.161	.112	.074	.111	.078	.053	.064	.046	.031	.021	.015	.010		
6.0	.181	.121	.078	.155	.105	.068	.107	.073	.048	.062	.043	.028	.020	.014	.009		
7.0	.174	.114	.072	.150	.099	.063	.103	.069	.044	.060	.041	.026	.019	.013	.009		
8.0	.167	.108	.067	.144	.094	.059	.100	.066	.042	.058	.039	.025	.019	.013	.008		
9.0	.161	.103	.064	.139	.090	.056	.096	.063	.040	.056	.037	.024	.018	.012	.008		
10.0	.156	.099	.061	.134	.086	.053	.093	.060	.038	.054	.036	.023	.018	.012	.008		

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月29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: 46-RS-5050-24-60-12-X-Y W						TYPE: LED Strip		WEIGHT:			
SPECIFICATION: 5050 60D			CCT(K): 4000			DIMENSION: 1M*0.012M		SERIAL No.: 20211129016			
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	12.9	14.4	13.3	14.7	15.0	13.6	15.0	13.9	15.3	15.6
	3H	14.2	15.5	14.5	15.8	16.2	15.4	16.8	15.8	17.1	17.4
	4H	14.5	15.8	14.9	16.2	16.5	16.3	17.5	16.7	17.9	18.2
	6H	14.7	15.9	15.1	16.2	16.6	17.0	18.2	17.4	18.6	19.0
	8H	14.7	15.8	15.1	16.2	16.6	17.4	18.6	17.8	18.9	19.3
	12H	14.7	15.8	15.1	16.2	16.6	17.7	18.9	18.2	19.2	19.6
4H	2H	13.5	14.8	13.9	15.1	15.5	14.1	15.3	14.4	15.7	16.0
	3H	15.0	16.1	15.4	16.5	16.9	16.1	17.2	16.5	17.6	18.0
	4H	15.5	16.5	15.9	16.9	17.3	17.1	18.1	17.5	18.5	18.9
	6H	15.7	16.6	16.2	17.1	17.5	18.0	18.9	18.5	19.3	19.8
	8H	15.8	16.6	16.3	17.1	17.6	18.4	19.3	18.9	19.7	20.2
	12H	15.9	16.6	16.4	17.1	17.6	18.9	19.6	19.4	20.1	20.6
8H	4H	15.8	16.7	16.3	17.1	17.6	17.2	18.1	17.7	18.5	19.0
	6H	16.3	17.0	16.8	17.4	18.0	18.4	19.1	18.9	19.6	20.1
	8H	16.4	17.1	17.0	17.6	18.1	18.9	19.6	19.5	20.1	20.6
	12H	16.6	17.1	17.1	17.7	18.2	19.5	20.1	20.1	20.6	21.2
12H	4H	15.9	16.7	16.4	17.2	17.7	17.2	18.0	17.7	18.5	19.0
	6H	16.4	17.0	16.9	17.5	18.1	18.4	19.0	18.9	19.5	20.1
	8H	16.7	17.2	17.2	17.7	18.3	19.0	19.6	19.6	20.1	20.7
Variations with the observer position at spacings:											
S = 1.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.4					+ 0.1 / - 0.2					
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.2					

CIE Pub.117 Corrected 362.8 lm Total Lamp Luminous Flux.(8log(F/F0) = -3.5)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月29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: 46-RS-5050-24-60-12-X-Y W		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 4000	DIMENSION: 1M*0.012M	SERIAL No.: 20211129016

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	53	43	36	30
0.80	66	54	46	64	53	46	62	52	45	38
1.00	74	63	55	72	62	55	70	63	54	46
1.25	81	70	63	79	69	62	76	68	61	53
1.50	86	76	69	84	75	68	80	73	67	58
2.00	93	84	77	91	83	76	87	80	74	66
2.50	97	89	82	94	87	81	90	84	79	70
3.00	100	93	87	98	91	86	93	88	83	73
4.00	104	98	93	102	96	92	97	92	88	78
5.00	107	102	97	104	99	95	99	95	92	81
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

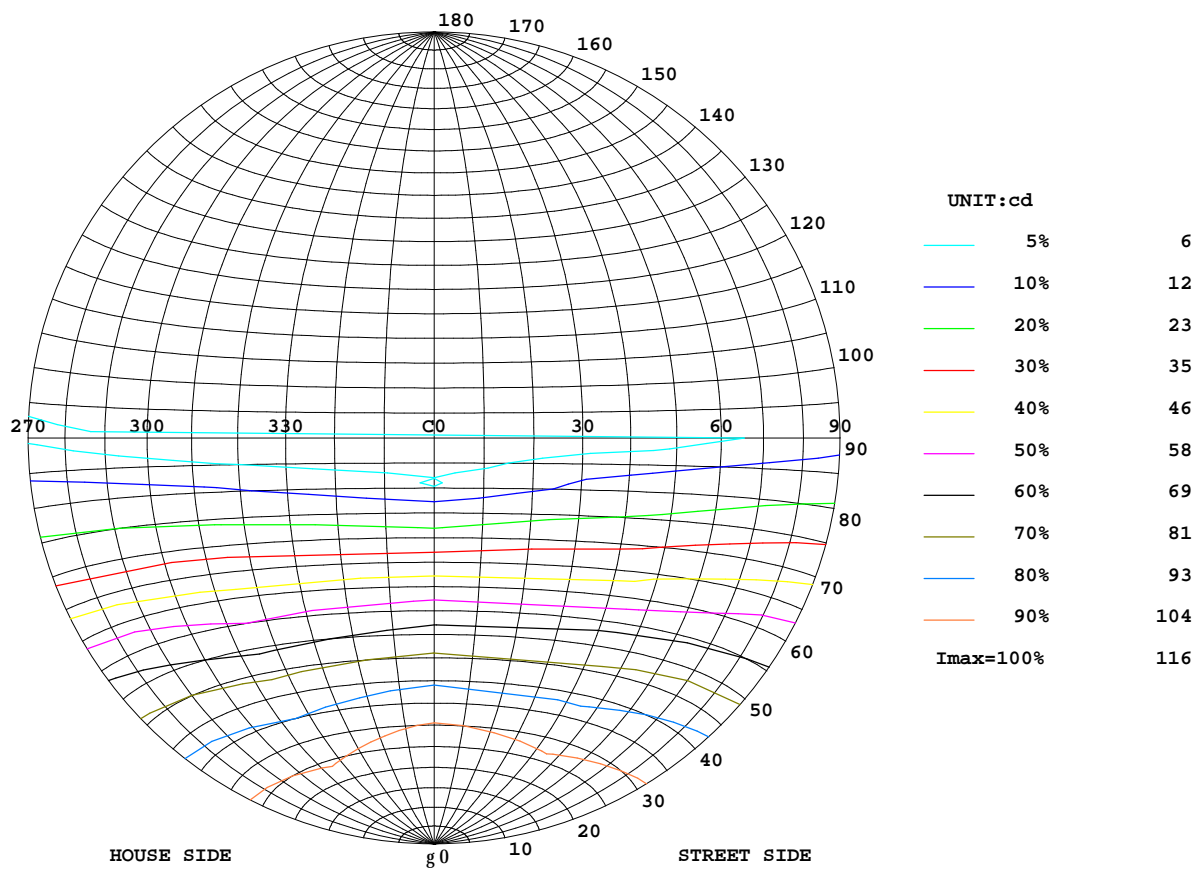
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月29日

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: 46-RS-5050-24-60-12-X-Y W		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 4000	DIMENSION: 1M*0.012M	SERIAL No.: 20211129016



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月29日

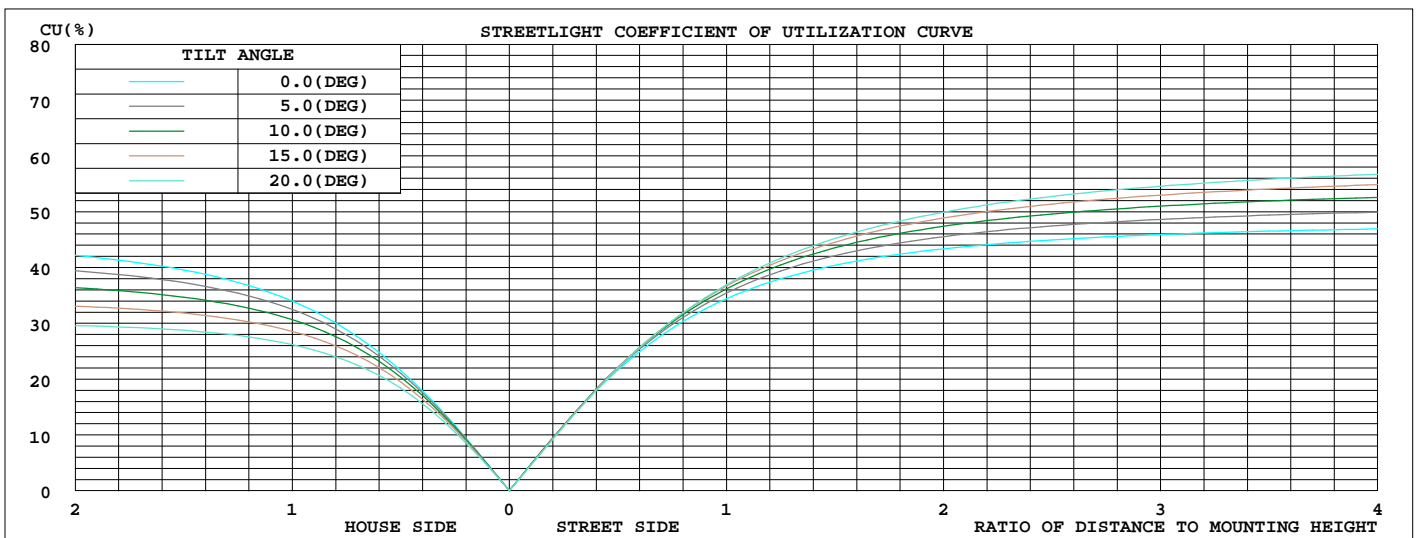
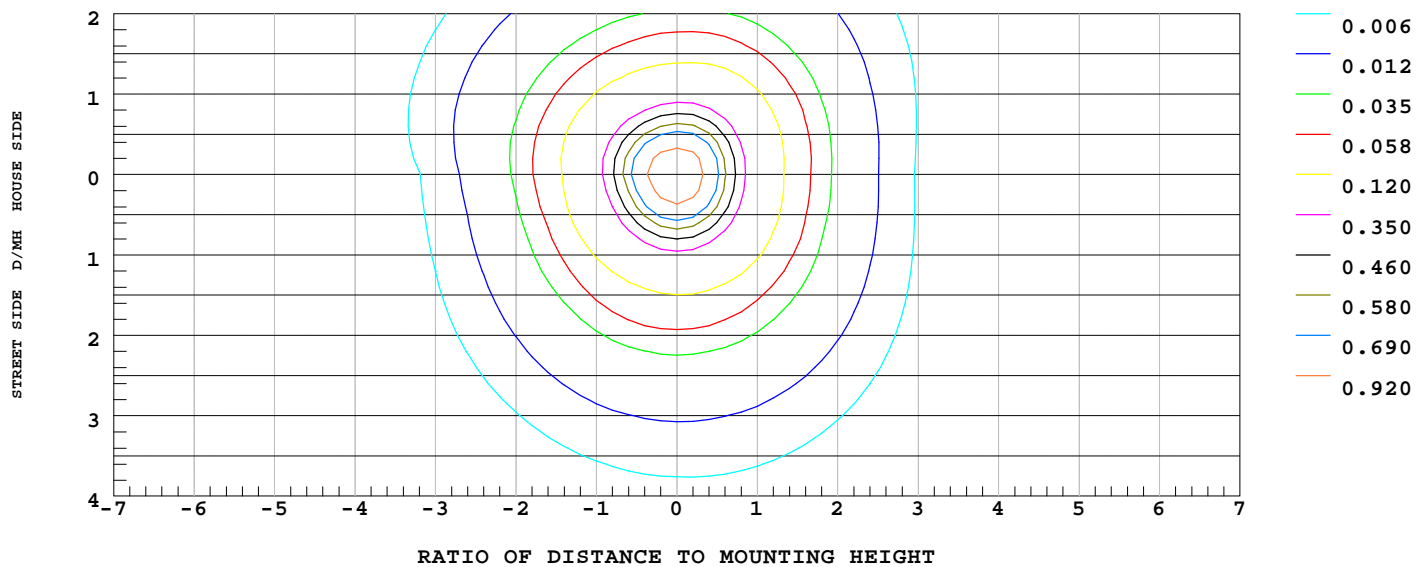
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 46-RS-5050-24-60-12-X-Y W		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 4000	DIMENSION: 1M*0.012M	SERIAL No.: 20211129016

ILLUMINANCE AT MH=10 m, Enadir = 1.15 lx



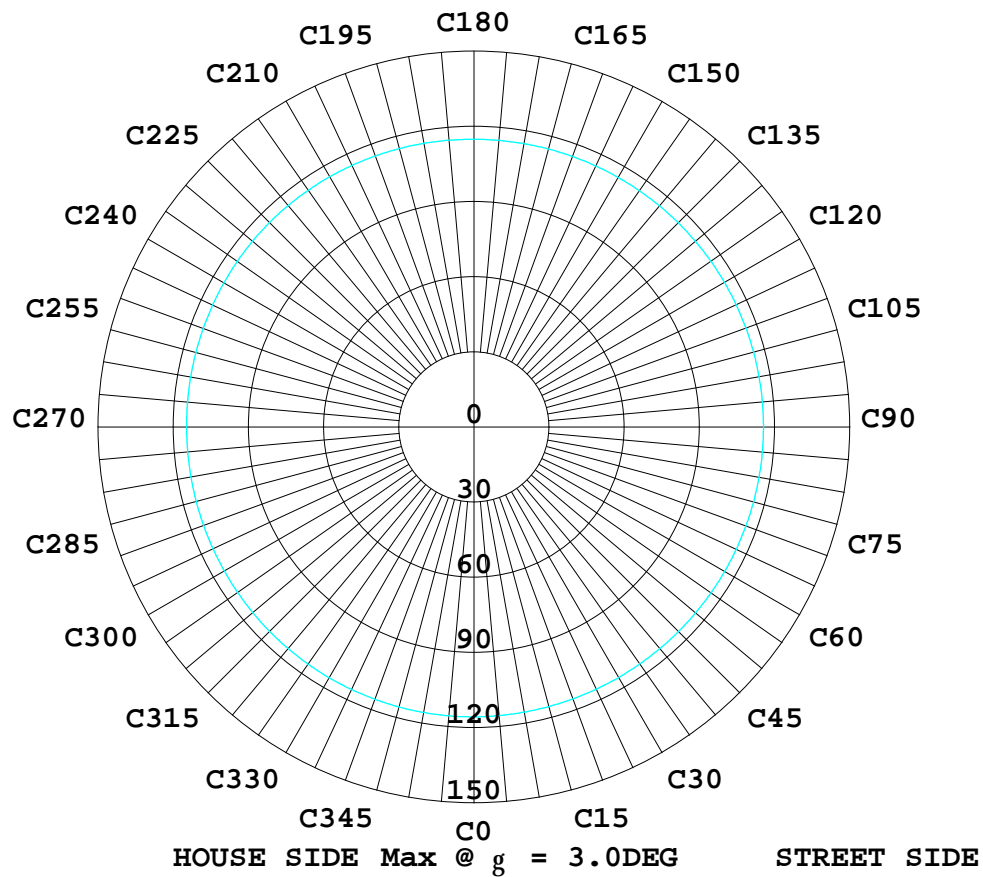
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月29日

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: 46-RS-5050-24-60-12-X-Y W		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 4000	DIMENSION: 1M*0.012M	SERIAL No.: 20211129016



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2021年11月29日

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