

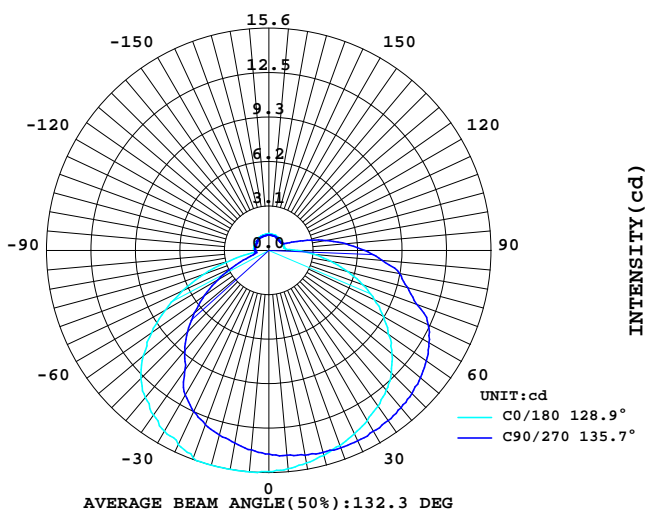
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

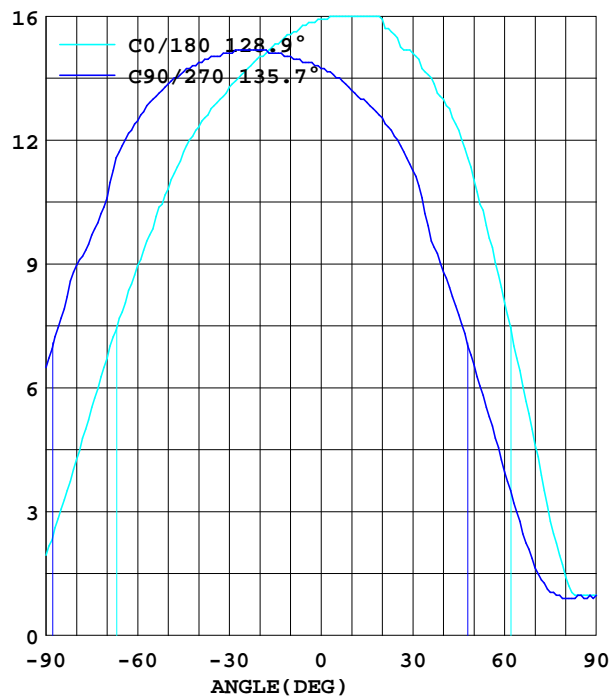
MANUFACTURER:			
Address:			
NAME: 46-RS-5050-24-60-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211129019

DATA OF LAMP		Imax(cd)	15.56	S/MH(C0/180)	1.33
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.56
NOMINAL POWER(W)	4	TOTAL FLUX(lm)	61.847	Voltage(V)	23.98
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	14.6	Current(A)	0.176
NOMINAL FLUX(lm)	61.8	h up(%)	14.0	Power(W)	4.230
LAMPS QUANTITY	1	h down(%)	86.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	54.8	EEI	0.460

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 B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211129019

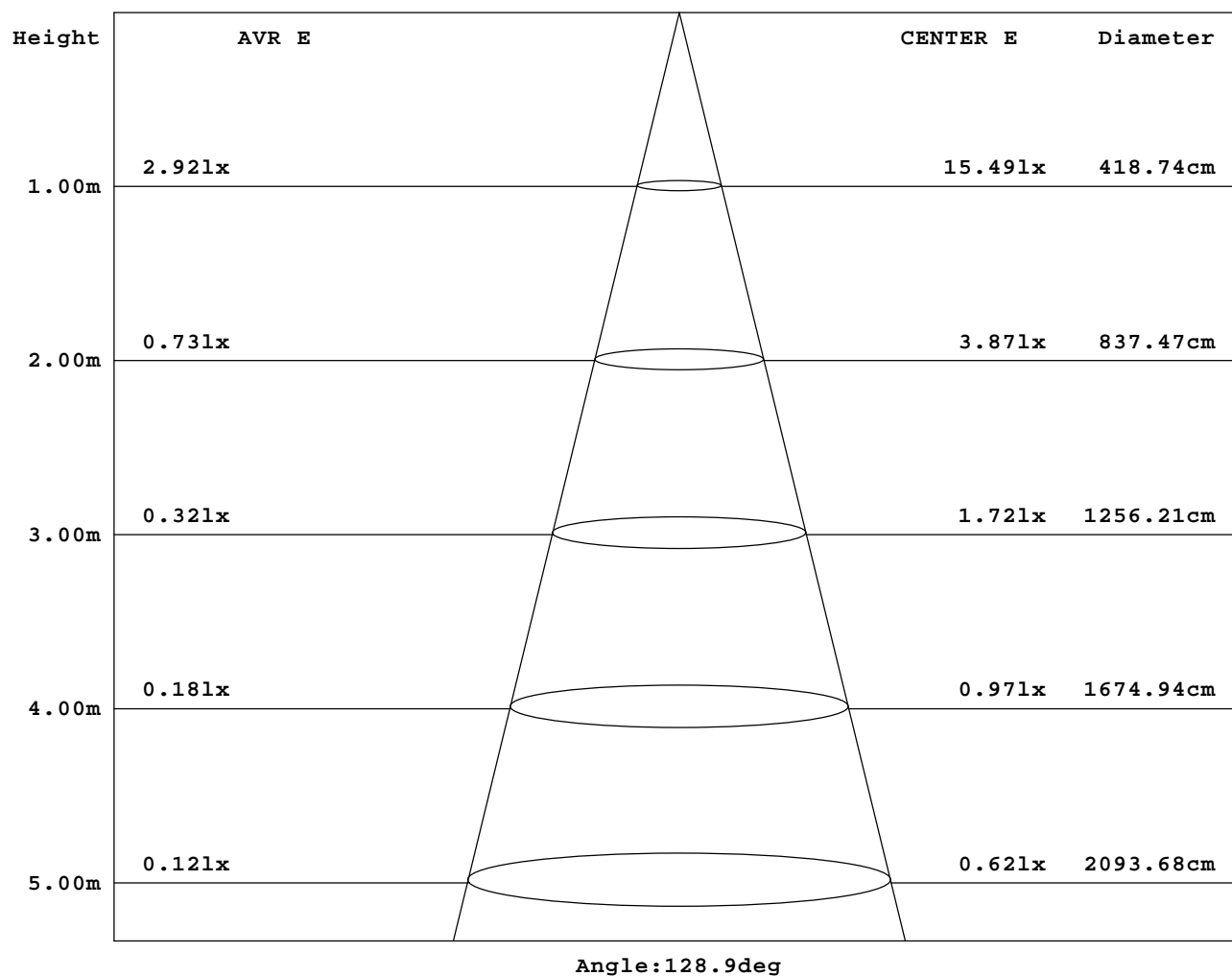
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月29日

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 B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211129019



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 B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211129019

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tBtal
5.0	15.33	15.02	14.40	13.78	15.56	15.17	14.01	12.93	0- 5	0.348	0.348
10.0	15.10	14.86	14.55	14.09	15.56	15.17	13.70	12.39	5- 10	1.035	1.384
15.0	14.86	14.63	14.63	14.40	15.56	15.02	13.39	11.77	10- 15	1.703	3.087
20.0	14.55	14.40	14.71	14.63	15.48	14.79	13.00	11.07	15- 20	2.337	5.424
25.0	14.17	14.09	14.71	14.79	15.02	14.32	12.46	10.22	20- 25	2.914	8.339
30.0	13.78	13.70	14.63	14.94	14.63	13.78	11.69	9.292	25- 30	3.420	11.75
35.0	13.31	13.31	14.55	15.10	14.09	12.93	10.29	7.976	30- 35	3.833	15.59
40.0	12.77	12.77	14.40	15.10	13.47	11.92	9.137	6.350	35- 40	4.117	19.71
45.0	12.15	12.23	14.17	15.10	12.70	10.29	8.053	5.343	40- 45	4.317	24.02
50.0	11.22	11.61	13.86	14.94	11.46	8.440	6.814	4.259	45- 50	4.354	28.38
55.0	10.22	10.84	13.47	14.71	9.989	6.659	5.498	3.097	50- 55	4.274	32.65
60.0	9.292	10.06	12.93	14.32	8.363	5.498	4.104	2.245	55- 60	4.093	36.75
65.0	8.131	9.137	12.31	13.70	6.659	3.717	2.865	1.471	60- 65	3.788	40.53
70.0	6.969	7.898	10.99	13.00	4.801	2.632	1.703	1.084	65- 70	3.409	43.94
75.0	5.730	6.504	10.06	12.08	2.865	1.548	1.084	1.084	70- 75	2.933	46.88
80.0	4.414	5.420	9.292	10.14	1.471	1.084	0.929	1.084	75- 80	2.485	49.36
85.0	3.175	4.181	7.976	8.750	1.006	1.084	1.006	1.084	80- 85	2.088	51.45
90.0	2.013	3.097	6.737	7.279	1.006	1.084	1.006	1.084	85- 90	1.762	53.21
95.0	1.239	2.168	5.420	5.885	1.084	1.084	1.006	1.084	90- 95	1.435	54.65
100.0	1.084	1.471	4.026	4.259	1.084	1.084	1.006	1.084	95-100	1.152	55.80
105.0	1.084	1.084	2.787	2.942	1.084	1.084	1.006	1.084	100-105	0.907	56.71
110.0	1.084	1.006	1.703	1.626	1.084	1.084	1.006	1.084	105-110	0.706	57.41
115.0	1.084	1.006	1.161	1.006	1.084	1.084	1.006	1.084	110-115	0.570	57.98
120.0	1.084	1.006	1.084	0.929	1.084	1.084	1.006	1.084	115-120	0.511	58.50
125.0	1.084	1.006	1.006	0.929	1.084	1.084	1.006	1.084	120-125	0.480	58.98
130.0	1.084	1.006	1.006	0.929	1.084	1.084	1.084	1.084	125-130	0.453	59.43
135.0	1.084	1.006	1.006	1.006	1.084	1.084	1.084	1.084	130-135	0.424	59.85
140.0	1.084	1.006	1.006	1.006	1.161	1.084	1.084	1.084	135-140	0.394	60.25
145.0	1.161	1.084	1.084	1.006	1.161	1.084	1.084	1.084	140-145	0.358	60.60
150.0	1.084	1.084	1.084	1.006	1.161	1.084	1.084	1.084	145-150	0.318	60.92
155.0	1.161	1.084	1.084	1.006	1.161	1.084	1.084	1.084	150-155	0.276	61.20
160.0	1.161	1.084	1.084	1.006	1.161	1.084	1.084	1.084	155-160	0.229	61.43
165.0	1.161	1.084	1.084	1.006	1.161	1.084	1.084	1.084	160-165	0.180	61.61
170.0	1.161	1.084	1.084	1.006	1.161	1.084	1.084	1.084	165-170	0.130	61.74
175.0	1.161	1.084	1.084	1.006	1.161	1.084	1.084	1.084	170-175	0.078	61.82
180.0	1.161	1.084	1.084	1.006	1.239	1.084	1.084	1.006	175-180	0.026	61.84
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:

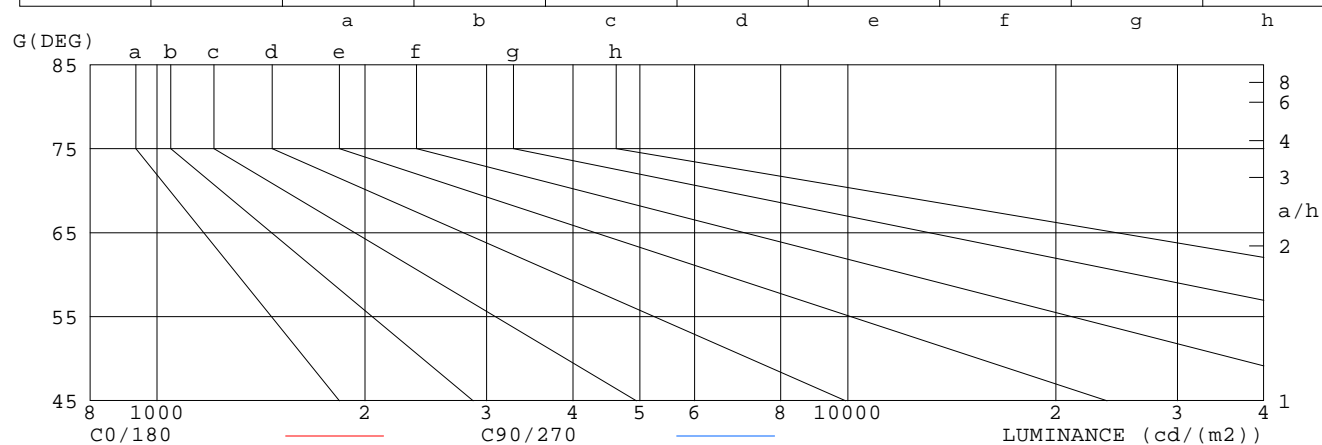
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 46-RS-5050-24-60-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211129019

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	364	915
80	254	535
75	221	389
70	204	322
65	192	291
60	186	259
55	178	235
50	175	216
45	172	200

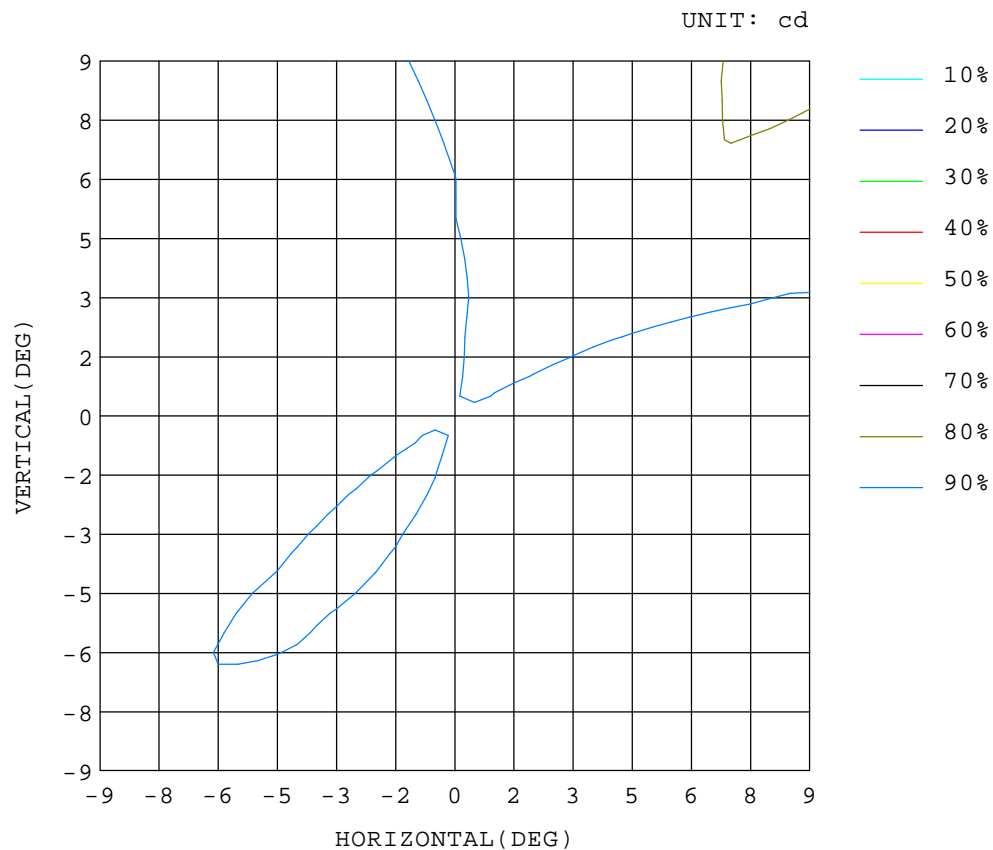
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年11月29日

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 B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211129019



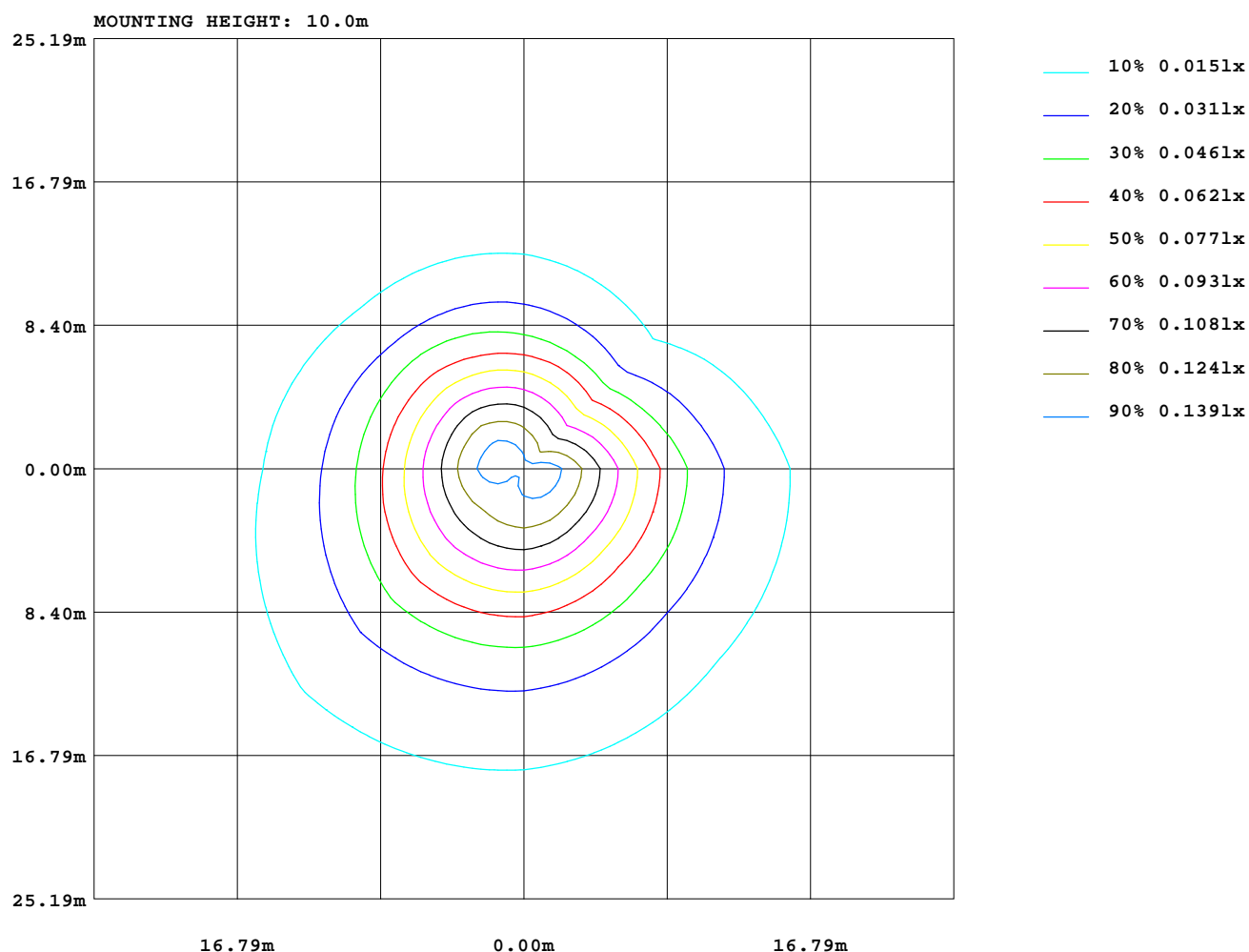
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年11月29日

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 B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211129019



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 B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211129019

		AREA FLUX DIAGRAM																UNIT:lm		φ t	φ a	
VERTICAL(DEG)	9																					
	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
	-3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
	-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08		
-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08			
-6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08			
-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08			
-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08			
-9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08			
		-9	-8	-7	-6	-5	-4	-3	-2	HORIZONTAL(DEG)			2	3	4	5	6	7	8	9		
φ t		0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	62		
φ a		0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08		55	

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:

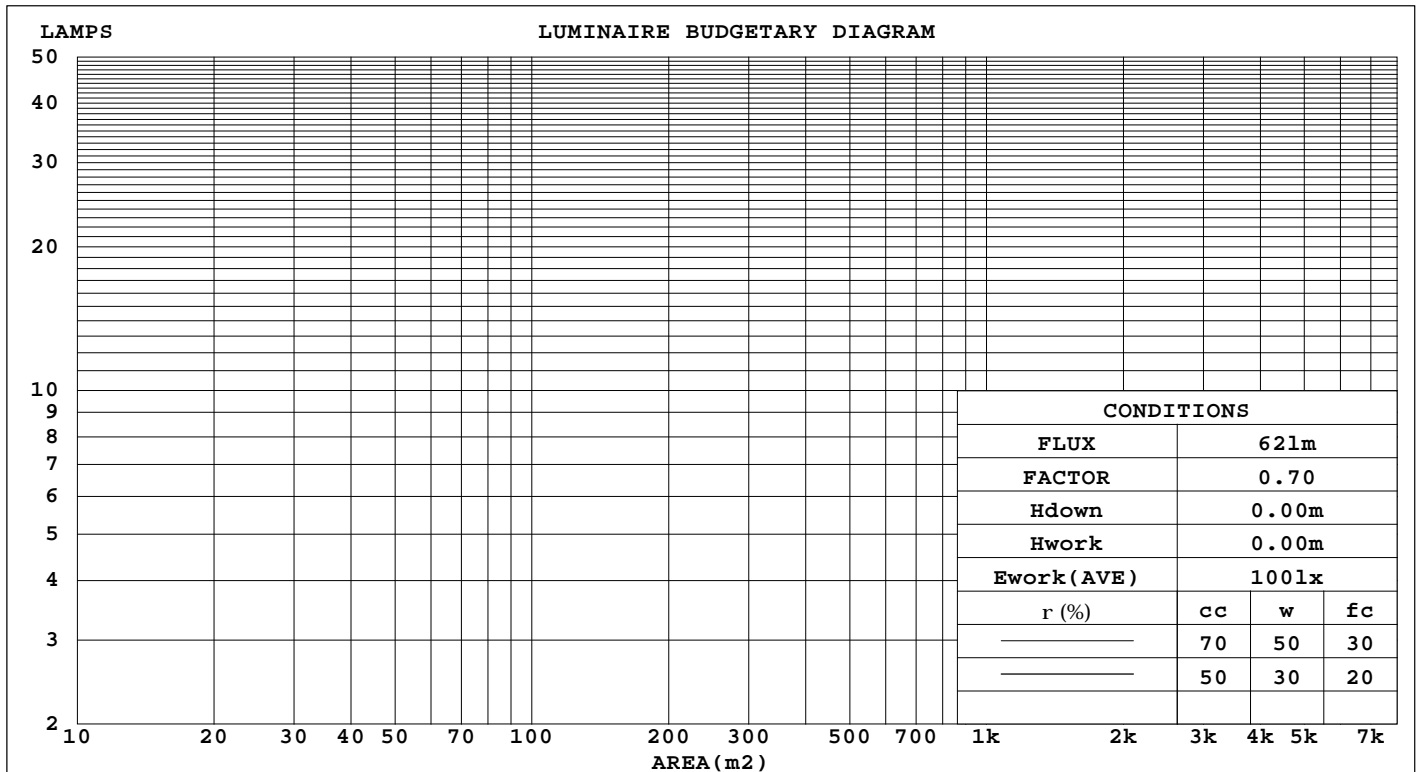
GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:											
Address:											
NAME: 46-RS-5050-24-60-12-X-Y B						TYPE: LED Strip				WEIGHT:	
SPECIFICATION: 5050 60D				CCT(K): 0		DIMENSION: 1M*0.012M				SERIAL No.: 20211129019	

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	1.11	1.11	1.11	1.03	1.03	1.03	.96	.96	.96	.89	.89	.89	.86
1.0	.97	.92	.88	.94	.89	.85	.87	.83	.80	.81	.78	.75	.75	.72	.70	.67
2.0	.84	.76	.70	.81	.74	.68	.75	.69	.64	.69	.65	.60	.64	.60	.57	.54
3.0	.73	.64	.57	.70	.62	.55	.65	.58	.53	.60	.55	.50	.56	.51	.47	.44
4.0	.64	.55	.47	.62	.53	.46	.57	.50	.44	.53	.47	.42	.50	.44	.40	.37
5.0	.57	.47	.40	.55	.46	.40	.51	.44	.38	.48	.41	.36	.44	.39	.34	.32
6.0	.51	.42	.35	.49	.40	.34	.46	.38	.33	.43	.36	.31	.40	.34	.30	.28
7.0	.46	.37	.31	.44	.36	.30	.42	.34	.29	.39	.32	.28	.36	.31	.26	.24
8.0	.42	.33	.27	.40	.32	.26	.38	.31	.25	.36	.29	.25	.33	.28	.24	.21
9.0	.38	.30	.24	.37	.29	.24	.35	.28	.23	.33	.26	.22	.31	.25	.21	.19
10.0	.35	.27	.22	.34	.26	.21	.32	.25	.21	.30	.24	.20	.29	.23	.19	.17



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 B						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050 60D				CCT(K): 0		DIMENSION: 1M*0.012M			SERIAL No.: 20211129019		

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	.368	.209	.066	.357	.204	.065	.335	.192	.061	.316	.182	.058	.298	.172	.056		
2.0	.324	.178	.055	.314	.173	.053	.295	.164	.051	.277	.155	.049	.260	.147	.046		
3.0	.291	.155	.046	.281	.151	.045	.264	.143	.043	.248	.136	.042	.233	.129	.040		
4.0	.263	.137	.040	.255	.133	.039	.239	.127	.038	.224	.121	.036	.211	.115	.035		
5.0	.240	.122	.035	.233	.119	.035	.218	.114	.033	.205	.108	.032	.193	.103	.031		
6.0	.221	.111	.032	.214	.108	.031	.201	.103	.030	.189	.098	.029	.177	.093	.028		
7.0	.204	.101	.029	.198	.098	.028	.186	.094	.027	.175	.090	.026	.164	.085	.025		
8.0	.189	.093	.026	.184	.090	.026	.173	.086	.025	.163	.082	.024	.153	.079	.023		
9.0	.177	.085	.024	.172	.084	.023	.162	.080	.023	.152	.076	.022	.143	.073	.021		
10.0	.166	.079	.022	.161	.078	.022	.152	.074	.021	.143	.071	.020	.135	.068	.019		

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	.297	.297	.297	.254	.254	.254	.173	.173	.173	.099	.099	.099	.032	.032	.032		
1.0	.292	.263	.237	.249	.226	.204	.171	.155	.141	.098	.090	.082	.031	.029	.027		
2.0	.284	.240	.202	.244	.206	.175	.167	.143	.122	.096	.083	.071	.031	.027	.023		
3.0	.277	.223	.180	.237	.192	.156	.163	.134	.109	.094	.078	.064	.030	.025	.021		
4.0	.269	.210	.165	.231	.182	.143	.159	.127	.101	.092	.074	.060	.030	.024	.020		
5.0	.262	.200	.155	.225	.173	.135	.155	.121	.095	.090	.071	.057	.029	.023	.019		
6.0	.254	.192	.148	.219	.167	.129	.151	.117	.091	.087	.069	.054	.028	.022	.018		
7.0	.247	.186	.142	.213	.161	.124	.147	.113	.088	.085	.066	.052	.028	.022	.017		
8.0	.241	.180	.138	.207	.156	.121	.143	.110	.086	.083	.065	.051	.027	.021	.017		
9.0	.234	.175	.135	.202	.152	.118	.140	.107	.084	.082	.063	.050	.026	.021	.017		
10.0	.229	.171	.133	.197	.149	.116	.137	.104	.082	.080	.062	.049	.026	.020	.016		

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 B					TYPE: LED Strip			WEIGHT:			
SPECIFICATION: 5050 60D		CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211129019			
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	6.6	8.0	7.1	8.5	9.0	7.9	9.3	8.4	9.8	10.2	
	8.7	10.0	9.2	10.5	11.0	10.6	11.9	11.1	12.4	12.9	
	9.7	11.0	10.2	11.5	12.0	12.0	13.2	12.5	13.7	14.3	
	10.7	11.8	11.2	12.4	12.9	13.6	14.8	14.1	15.3	15.8	
	11.1	12.3	11.7	12.8	13.4	14.5	15.6	15.0	16.1	16.7	
	11.6	12.7	12.2	13.2	13.8	15.5	16.5	16.0	17.1	17.7	
4H	2H	7.5	8.8	8.1	9.3	9.8	8.5	9.7	9.0	10.2	
	3H	9.8	10.9	10.4	11.4	12.0	11.3	12.4	11.9	13.0	
	4H	10.9	11.9	11.5	12.5	13.1	12.9	13.9	13.5	14.4	
	6H	12.1	12.9	12.7	13.5	14.2	14.7	15.6	15.3	16.2	
	8H	12.6	13.4	13.2	14.0	14.7	15.7	16.5	16.3	17.1	
	12H	13.2	13.9	13.8	14.6	15.3	16.8	17.6	17.4	18.2	
8H	4H	11.5	12.4	12.1	13.0	13.6	13.2	14.0	13.8	14.6	
	6H	12.9	13.6	13.5	14.2	15.0	15.2	15.9	15.8	16.5	
	8H	13.6	14.2	14.3	14.9	15.6	16.4	17.0	17.0	17.7	
	12H	14.4	14.9	15.0	15.6	16.4	17.7	18.3	18.4	18.9	
12H	4H	11.7	12.5	12.3	13.1	13.8	13.2	14.0	13.8	14.6	
	6H	13.2	13.8	13.8	14.5	15.2	15.3	15.9	16.0	16.6	
	8H	14.0	14.5	14.7	15.2	16.0	16.6	17.1	17.2	17.8	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.2					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 61.84 lm Total Lamp Luminous Flux.(8log(F/F0) = -9.7)

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 B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211129019

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) $k(RI) \times RCR = 5$									
$k = 0.60$	50	38	30	49	37	30	47	36	30	23
0.80	59	47	39	58	46	38	55	44	37	30
1.00	67	55	47	65	54	46	62	54	45	36
1.25	74	62	54	72	61	53	68	58	52	42
1.50	79	68	59	77	66	58	72	63	57	47
2.00	86	76	68	84	74	67	78	70	64	53
2.50	91	81	74	88	79	72	82	75	69	57
3.00	94	86	79	91	83	77	85	79	73	61
4.00	99	92	85	95	89	83	89	84	79	66
5.00	102	95	90	98	92	87	91	87	83	69
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

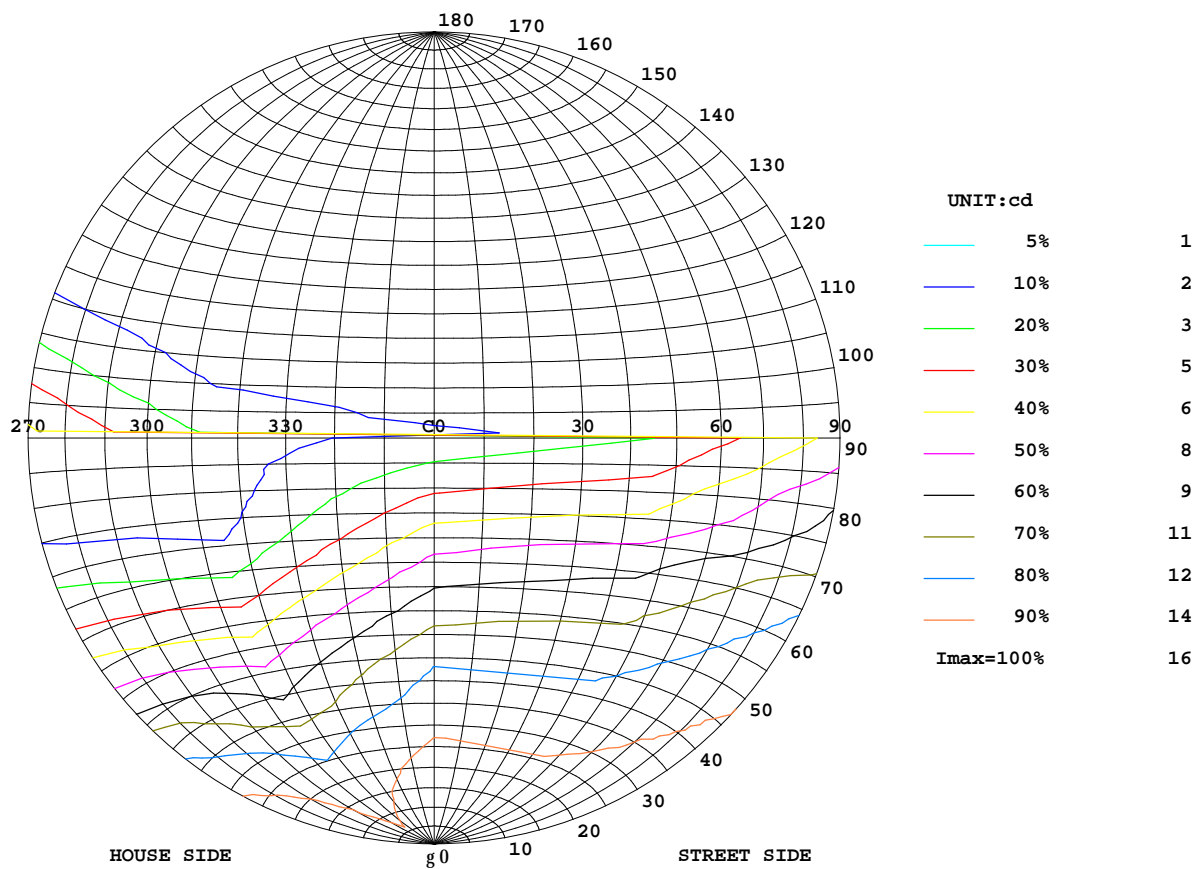
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年11月29日

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 B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211129019



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

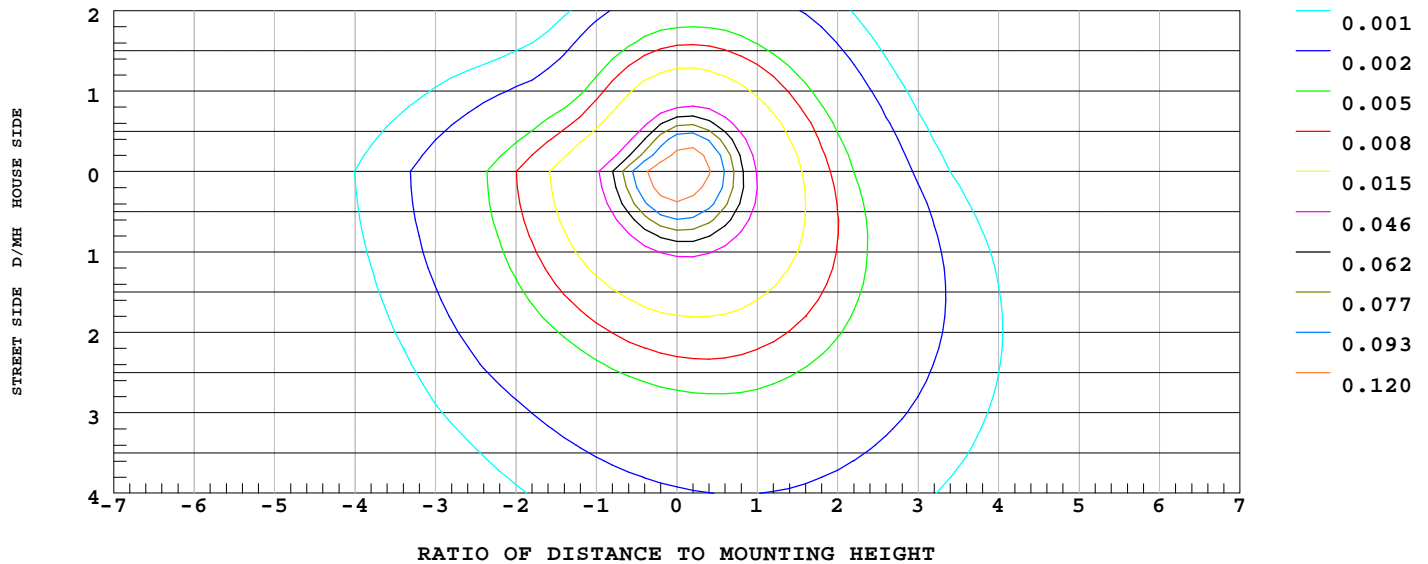
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 46-RS-5050-24-60-12-X-Y B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211129019

ILLUMINANCE AT MH=10 m, Enadir = 0.15 lx



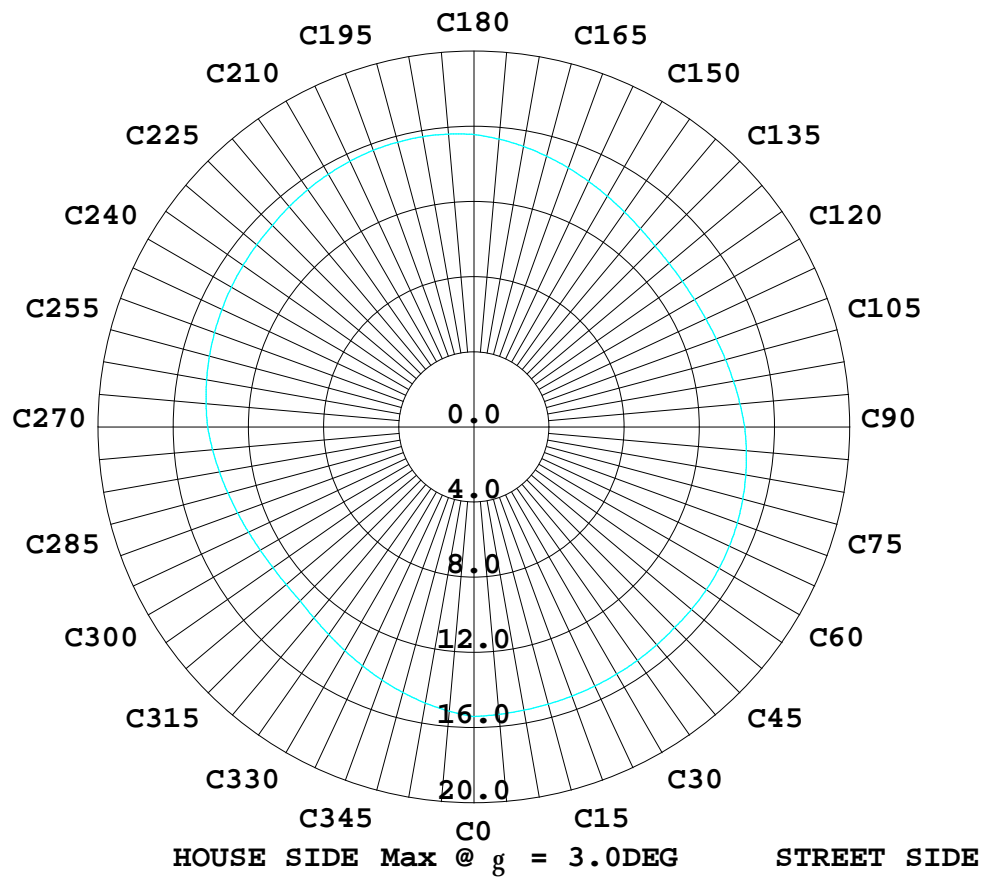
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年11月29日

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 B		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050 60D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211129019



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: