

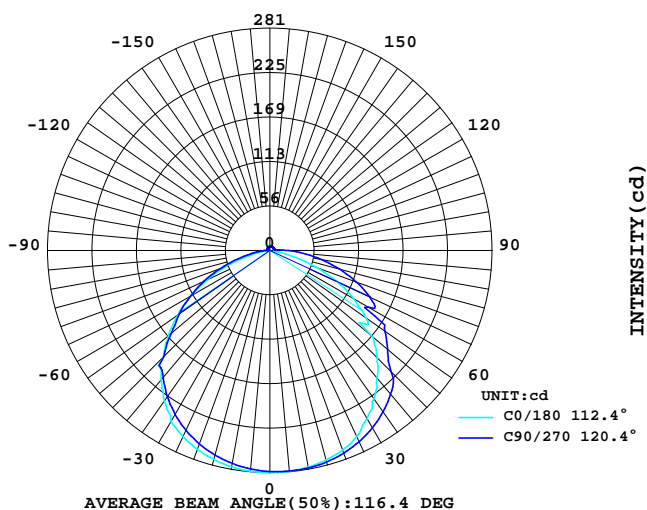
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

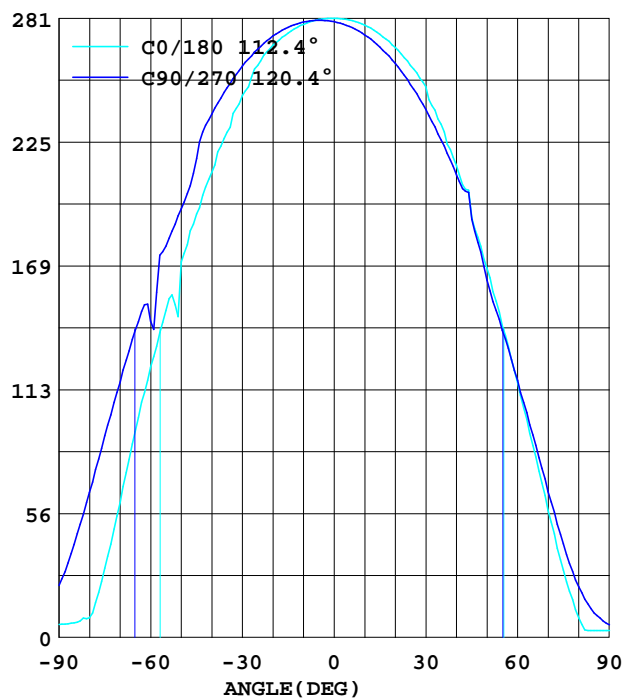
MANUFACTURER:			
Address:			
NAME: 48-RS-5050-24-96-12-X-Y-RGB+3000K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015016

DATA OF LAMP		Imax(cd)	281.3	S/MH(C0/180)	1.30
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.38
NOMINAL POWER(W)	22	TOTAL FLUX(lm)	891.39	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	40.5	Current(A)	0.917
NOMINAL FLUX(lm)	891.4	h up(%)	3.6	Power(W)	22.01
LAMPS QUANTITY	1	h down(%)	96.4	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	845.5	EEL	0.328

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月15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: 48-RS-5050-24-96-12-X-Y-RGB+3000K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015016

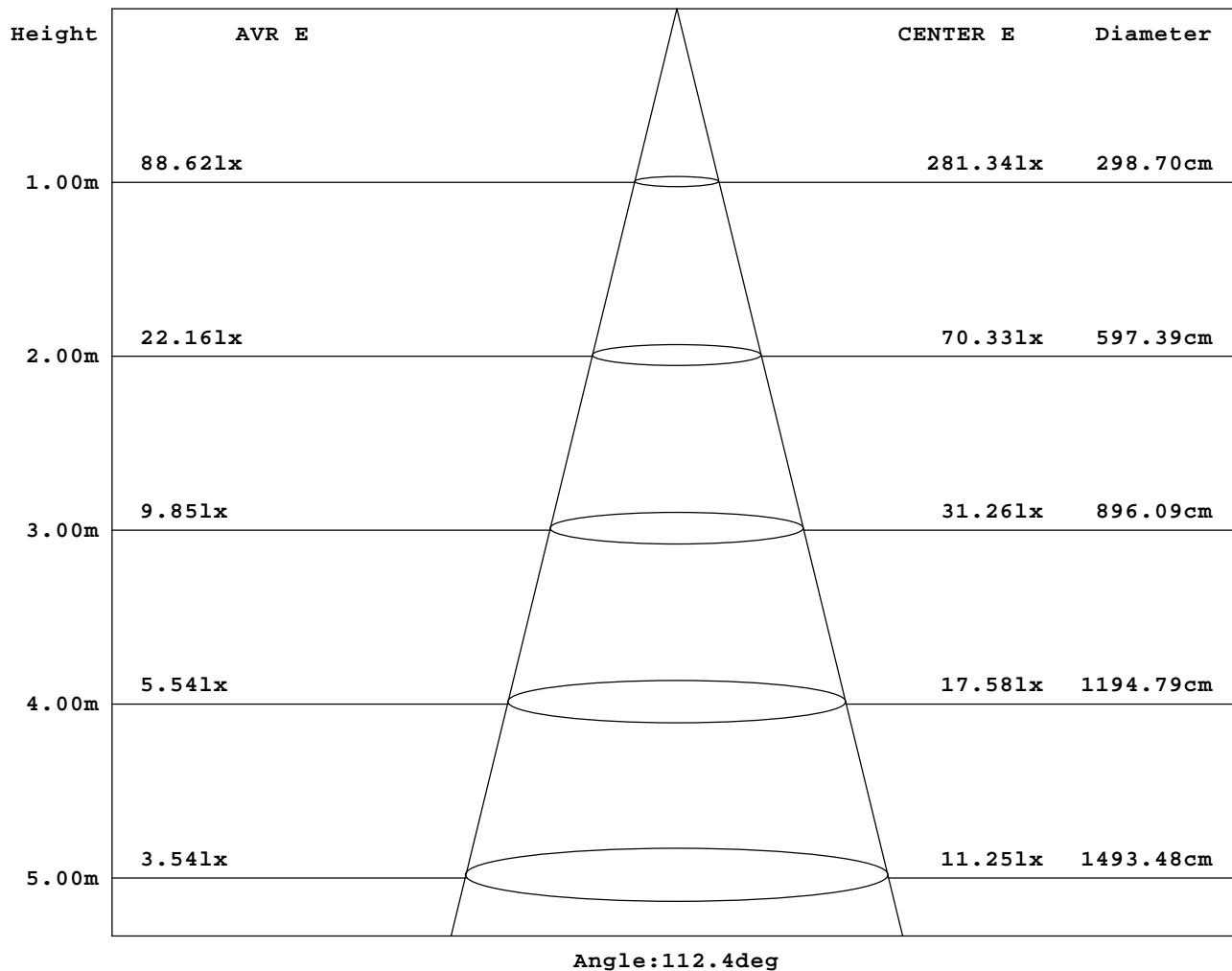
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月15日

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: 48-RS-5050-24-96-12-X-Y-RGB+3000K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015016



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021年10月15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: 48-RS-5050-24-96-12-X-Y-RGB+3000K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015016

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tBtal
5.0	280.7	280.4	280.3	280.1	280.5	280.3	277.6	278.4	0- 5	6.698	6.698
10.0	278.5	278.2	279.6	278.7	278.1	278.0	273.7	275.4	5- 10	19.93	26.63
15.0	274.6	274.6	277.2	275.6	274.0	274.0	268.2	270.3	10- 15	32.69	59.33
20.0	269.0	269.1	273.2	270.7	268.0	268.4	260.7	263.6	15- 20	44.62	103.9
25.0	259.8	261.7	267.2	263.9	259.9	260.8	251.1	254.8	20- 25	55.37	159.3
30.0	246.2	252.9	259.6	255.5	250.2	251.2	239.9	243.9	25- 30	64.52	223.8
35.0	229.5	241.9	249.7	245.0	233.1	240.0	226.0	231.5	30- 35	71.67	295.5
40.0	211.2	228.9	237.6	232.3	214.4	226.2	210.1	216.5	35- 40	76.66	372.2
45.0	192.3	214.5	217.5	218.3	190.5	210.5	189.9	199.4	40- 45	79.33	451.5
50.0	170.6	201.8	194.6	202.6	167.8	192.9	162.4	181.0	45- 50	78.31	529.8
55.0	148.5	169.3	177.8	171.1	141.7	172.3	139.5	154.7	50- 55	74.21	604.0
60.0	122.8	140.2	143.7	142.5	115.7	145.2	116.7	129.0	55- 60	67.35	671.4
65.0	93.54	118.6	139.4	120.5	87.19	118.3	91.92	102.8	60- 65	58.84	730.2
70.0	61.33	93.16	116.0	93.54	57.84	90.14	66.28	72.32	65- 70	48.09	778.3
75.0	31.51	68.76	91.61	65.90	30.58	66.98	42.59	47.47	70- 75	36.10	814.4
80.0	8.905	44.99	65.90	44.91	8.905	41.58	23.07	26.79	75- 80	23.25	837.7
85.0	6.659	24.93	42.28	26.09	3.097	22.45	11.07	15.56	80- 85	14.04	851.7
90.0	5.885	9.602	23.61	10.37	3.175	11.38	5.730	8.750	85- 90	7.606	859.3
95.0	5.575	3.407	11.38	3.252	3.329	7.434	3.407	6.427	90- 95	3.942	863.3
100.0	5.420	3.020	6.582	3.175	3.562	6.272	3.175	6.040	95-100	2.709	866.0
105.0	5.343	3.175	5.653	3.020	3.717	6.117	3.329	5.962	100-105	2.439	868.4
110.0	5.265	3.329	5.498	3.175	3.949	6.040	3.484	5.808	105-110	2.380	870.8
115.0	5.265	3.484	5.343	3.329	4.104	5.885	3.717	5.653	110-115	2.320	873.1
120.0	5.265	3.717	5.265	3.484	4.259	5.808	3.872	5.653	115-120	2.252	875.4
125.0	5.343	3.872	5.265	3.639	4.491	5.730	4.026	5.653	120-125	2.174	877.5
130.0	5.420	4.026	5.265	3.872	4.646	5.808	4.259	5.653	125-130	2.091	879.6
135.0	5.498	4.259	5.343	4.104	4.878	5.808	4.414	5.730	130-135	1.993	881.6
140.0	5.575	4.414	5.420	4.259	5.033	5.885	4.568	5.808	135-140	1.867	883.5
145.0	5.653	4.568	5.498	4.414	5.188	5.885	4.723	5.808	140-145	1.721	885.2
150.0	5.730	4.723	5.498	4.568	5.343	5.885	4.801	5.808	145-150	1.547	886.8
155.0	5.730	4.801	5.575	4.723	5.498	5.962	4.956	5.808	150-155	1.351	888.1
160.0	5.808	4.956	5.653	4.801	5.575	5.962	5.033	5.808	155-160	1.137	889.3
165.0	5.885	5.033	5.730	4.878	5.653	5.885	5.111	5.808	160-165	0.903	890.2
170.0	5.885	5.111	5.808	5.033	5.730	5.885	5.188	5.808	165-170	0.656	890.8
175.0	5.885	5.188	5.808	5.111	5.808	5.885	5.188	5.808	170-175	0.399	891.2
180.0	5.885	5.343	5.730	5.188	6.117	5.730	5.265	5.653	175-180	0.134	891.3
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月15日

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

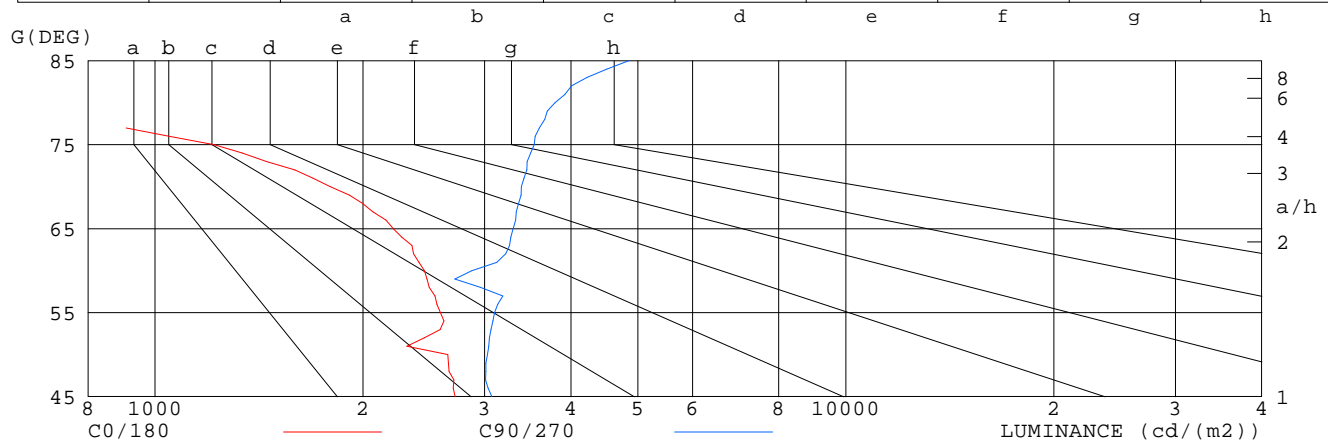
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: 48-RS-5050-24-96-12-X-Y-RGB+3000K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015016

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	764	4851
80	513	3795
75	1218	3540
70	1793	3392
65	2214	3300
60	2456	2875
55	2590	3100
50	2655	3029
45	2720	3076

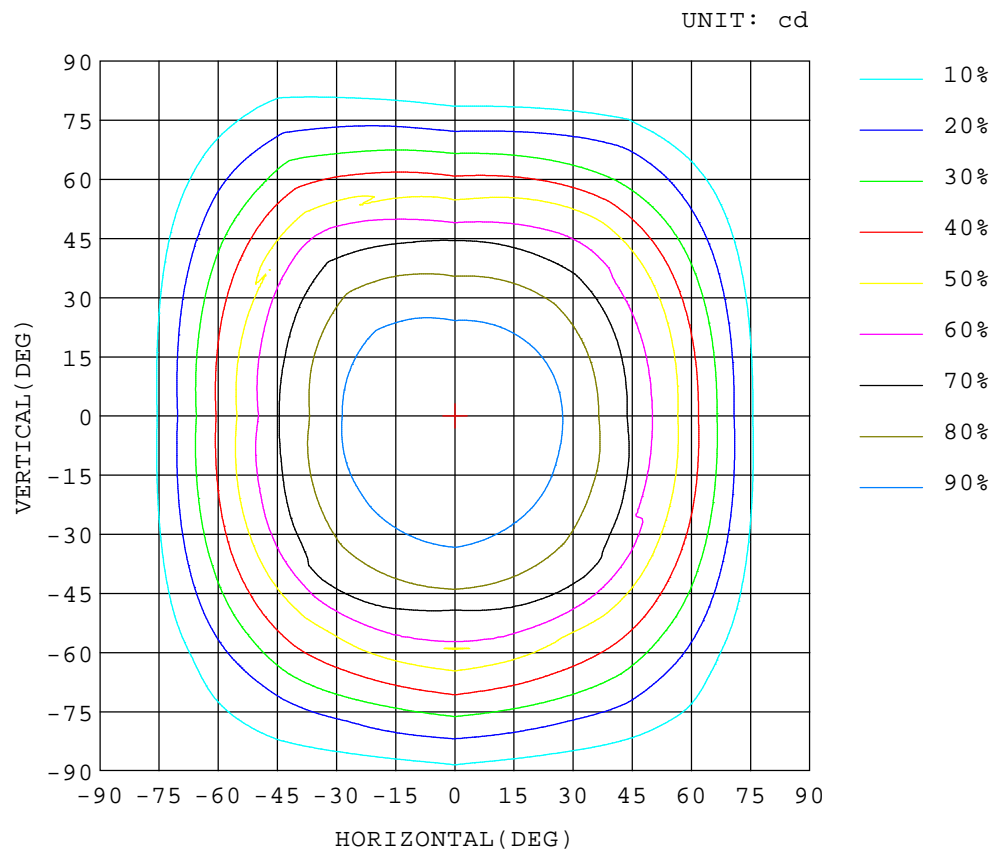
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2021年10月15日

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: 48-RS-5050-24-96-12-X-Y-RGB+3000K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015016



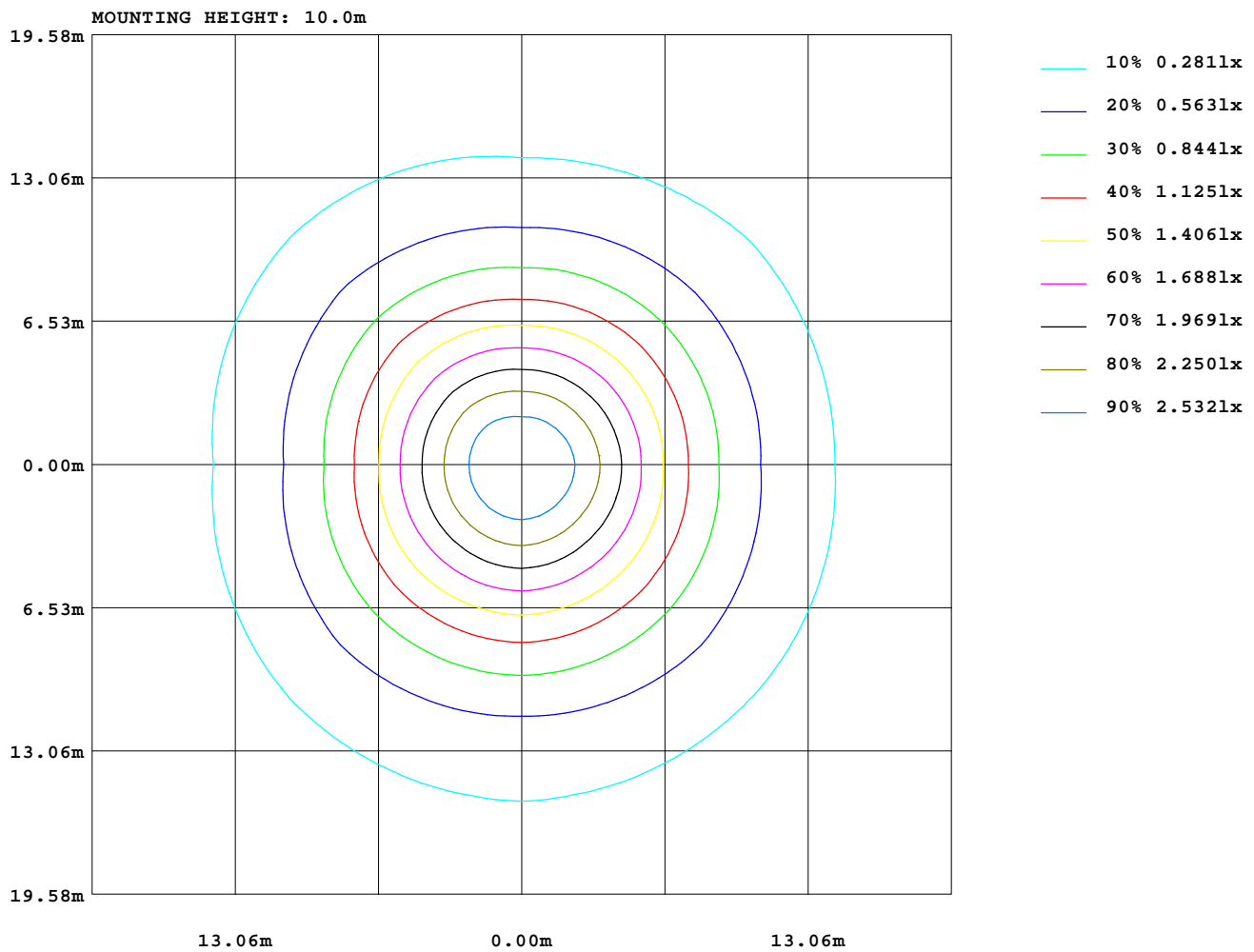
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年10月15日

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: 48-RS-5050-24-96-12-X-Y-RGB+3000K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015016



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2021年10月15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: 48-RS-5050-24-96-12-X-Y-RGB+3000K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015016

		AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a					
VERTICAL(DEG)	90																										
	80	0.01	0.05	0.13	0.25	0.40	0.46	0.48	0.46	0.41	0.39	0.39	0.38	0.34	0.28	0.19	0.11	0.06	0.02	4.81	0.16						
	70	0.01	0.07	0.21	0.50	0.92	1.20	1.37	1.43	1.37	1.31	1.25	1.10	0.88	0.62	0.36	0.18	0.07	0.02	12.8	10.7						
	60	0.01	0.09	0.36	0.91	1.64	2.20	2.60	2.82	2.85	2.79	2.64	2.31	1.83	1.28	0.68	0.26	0.09	0.02	25.4	24.7						
	50	0.01	0.12	0.56	1.33	2.32	3.25	3.85	4.24	4.32	4.26	4.08	3.64	2.93	2.01	1.14	0.45	0.11	0.02	38.7	38.3						
	40	0.01	0.17	0.76	1.73	2.94	4.18	5.07	5.60	5.81	5.76	5.45	4.78	3.87	2.77	1.60	0.68	0.14	0.02	51.4	51.1						
	30	0.01	0.21	0.93	2.07	3.47	4.92	5.99	6.63	6.88	6.83	6.48	5.75	4.66	3.30	2.01	0.88	0.19	0.02	61.2	61.0						
		0.01	0.25	1.05	2.31	3.86	5.36	6.59	7.34	7.64	7.59	7.19	6.37	5.17	3.70	2.31	1.04	0.23	0.02	68.1	67.9						
		0.01	0.27	1.13	2.47	4.08	5.65	6.95	7.81	8.15	8.10	7.68	6.80	5.52	3.98	2.48	1.16	0.27	0.02	72.6	72.4						
		0.01	0.27	1.15	2.51	4.16	5.78	7.13	8.01	8.43	8.39	7.98	7.07	5.70	4.13	2.52	1.21	0.28	0.02	74.8	74.7						
		0.01	0.27	1.15	2.52	4.18	5.80	7.16	8.03	8.46	8.46	8.03	7.12	5.74	4.16	2.54	1.22	0.28	0.02	75.2	75.1						
		0.01	0.27	1.13	2.48	4.14	5.72	7.02	7.89	8.34	8.33	7.85	6.95	5.65	4.09	2.53	1.19	0.28	0.02	73.9	73.8						
	-30	0.01	0.25	1.06	2.33	3.95	5.48	6.73	7.58	8.03	8.02	7.53	6.65	5.40	3.90	2.39	1.10	0.26	0.02	70.7	70.5						
	-40	0.01	0.22	0.94	2.08	3.55	5.10	6.25	7.05	7.50	7.48	7.00	6.17	5.01	3.53	2.12	0.97	0.22	0.02	65.2	65.0						
	-50	0.01	0.17	0.77	1.76	2.97	4.35	5.45	6.16	6.54	6.53	6.11	5.38	4.27	2.95	1.78	0.78	0.18	0.02	56.2	56.0						
	-60	0.01	0.13	0.56	1.36	2.37	3.38	4.24	4.88	5.23	5.21	4.85	4.18	3.31	2.35	1.37	0.58	0.14	0.02	44.2	43.9						
-70	0.01	0.10	0.38	0.91	1.67	2.46	3.18	3.74	4.09	4.08	3.72	3.15	2.45	1.69	0.94	0.39	0.12	0.02	33.1	32.6							
-80	0.01	0.08	0.24	0.56	0.99	1.46	1.94	2.36	2.67	2.67	2.37	1.96	1.49	1.01	0.56	0.26	0.09	0.02	20.7	19.8							
-90	0.01	0.05	0.13	0.26	0.45	0.66	0.88	1.08	1.24	1.24	1.07	0.87	0.65	0.43	0.27	0.14	0.07	0.02	9.54	6.13							
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)										20	30	40	50	60	70	80	90
Φ t		0.24	3.06	12.6	28.4	48.1	67.4	82.9	93.2	98.0	97.5	91.7	80.6	64.9	46.2	27.8	12.6	3.07	0.37	891							
Φ a		0.00	1.71	11.6	27.5	47.4	66.8	82.2	92.5	97.4	96.8	90.9	79.9	64.1	45.3	26.8	11.4	1.63	0.00		846						

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月15日

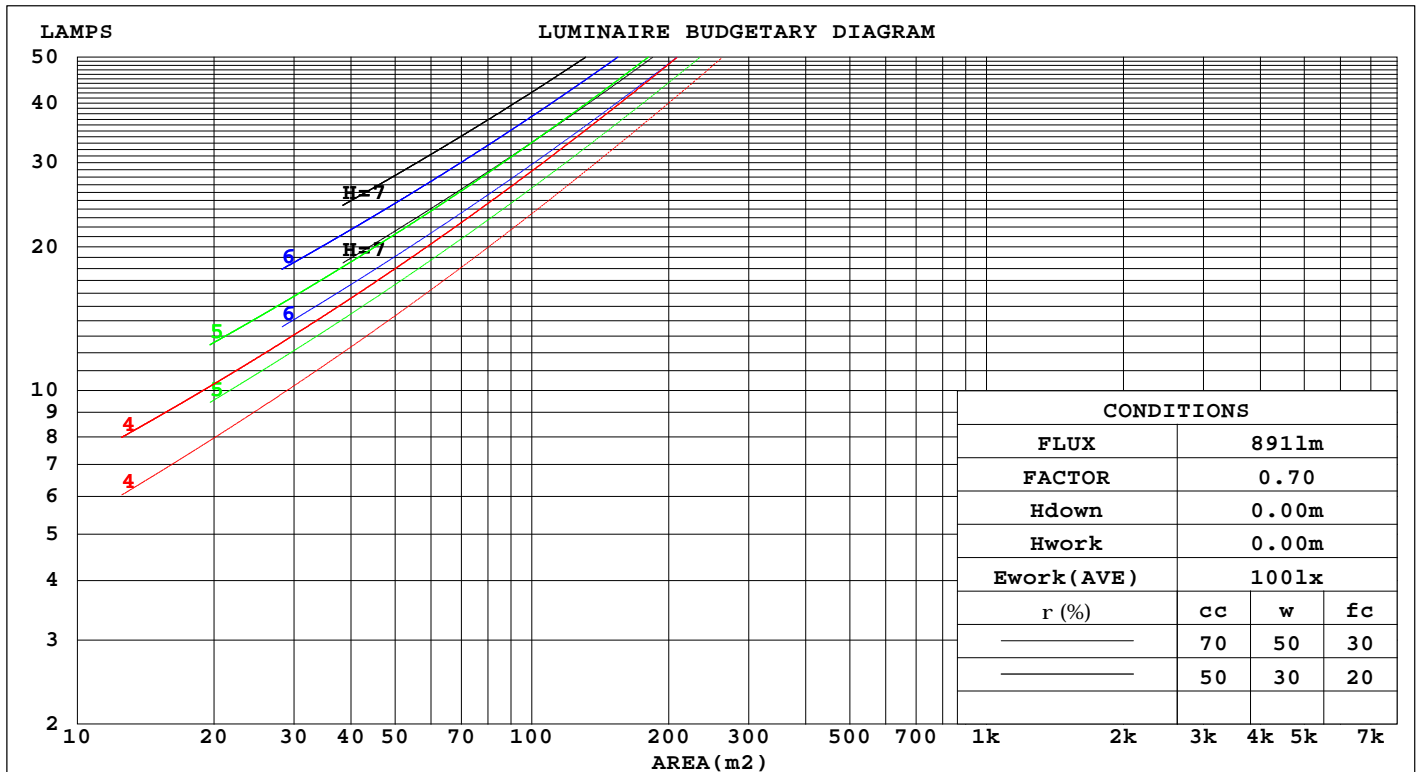
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.800 m
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 48-RS-5050-24-96-12-X-Y-RGB+3000K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015016

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	1.09	1.09	1.09	1.04	1.04	1.04	.99	.99	.99	.96
1.0	1.03	.98	.94	1.00	.96	.93	.95	.92	.89	.91	.88	.86	.86	.84	.82	.80
2.0	.89	.82	.77	.87	.81	.75	.83	.78	.73	.79	.75	.71	.76	.72	.69	.66
3.0	.78	.70	.63	.76	.69	.63	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.68	.59	.53	.65	.57	.52	.62	.56	.51	.59	.54	.50	.47
5.0	.62	.53	.46	.60	.52	.45	.58	.50	.45	.55	.49	.44	.53	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.50	.43	.38	.48	.42	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.45	.39	.34	.44	.38	.33	.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	.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	.23



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月15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: 48-RS-5050-24-96-12-X-Y-RGB+3000K						TYPE: LED Strip			WEIGHT:		
SPECIFICATION: 5050/96D			CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211015016		

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	.315	.179	.057	.307	.175	.056	.292	.167	.053	.278	.160	.051	.265	.153	.049	
2.0	.294	.161	.049	.287	.158	.049	.273	.152	.047	.261	.146	.046	.249	.141	.044	
3.0	.272	.145	.043	.265	.142	.043	.253	.137	.042	.242	.132	.041	.231	.128	.040	
4.0	.250	.130	.038	.245	.128	.038	.234	.124	.037	.224	.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	.210	.106	.030	.201	.103	.030	.193	.100	.029	.185	.098	.029	
7.0	.199	.099	.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	.162	.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	.149	.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	.218	.218	.218	.186	.186	.186	.127	.127	.127	.073	.073	.073	.023	.023	.023	
1.0	.208	.184	.162	.178	.158	.139	.122	.108	.096	.070	.063	.056	.022	.020	.018	
2.0	.200	.160	.125	.172	.137	.108	.118	.095	.076	.068	.055	.044	.022	.018	.014	
3.0	.193	.142	.102	.165	.123	.088	.113	.085	.062	.066	.050	.037	.021	.016	.012	
4.0	.185	.129	.086	.159	.112	.075	.109	.078	.053	.063	.046	.031	.020	.015	.010	
5.0	.178	.119	.075	.153	.103	.065	.105	.072	.046	.061	.042	.027	.020	.014	.009	
6.0	.171	.110	.067	.147	.096	.059	.101	.067	.041	.059	.039	.025	.019	.013	.008	
7.0	.164	.104	.061	.141	.090	.054	.097	.063	.038	.057	.037	.023	.018	.012	.007	
8.0	.157	.098	.057	.136	.085	.050	.094	.060	.035	.055	.035	.021	.018	.012	.007	
9.0	.151	.093	.054	.130	.081	.047	.090	.057	.033	.053	.034	.020	.017	.011	.007	
10.0	.146	.089	.051	.126	.077	.044	.087	.054	.032	.051	.032	.019	.016	.011	.006	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月15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: 48-RS-5050-24-96-12-X-Y-RGB+3000K					TYPE: LED Strip			WEIGHT:			
SPECIFICATION: 5050/96D		CCT(K): 0			DIMENSION: 1M*0.012M			SERIAL No.: 20211015016			
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	16.1	17.6	16.5	17.9	18.2	16.9	18.4	17.2	18.6	18.9	
	17.3	18.7	17.7	19.0	19.3	18.9	20.3	19.2	20.6	20.9	
	17.6	18.9	18.0	19.2	19.6	19.8	21.1	20.2	21.4	21.8	
	17.6	18.9	18.0	19.2	19.6	20.6	21.9	21.0	22.2	22.6	
	17.6	18.8	18.0	19.2	19.5	21.0	22.2	21.4	22.5	22.9	
	17.6	18.7	18.0	19.1	19.5	21.4	22.5	21.8	22.9	23.3	
4H	2H	16.9	18.2	17.2	18.5	18.8	17.5	18.8	17.8	19.1	19.4
	3H	18.3	19.4	18.7	19.8	20.2	19.6	20.8	20.0	21.1	21.5
	4H	18.7	19.7	19.1	20.1	20.5	20.7	21.7	21.1	22.1	22.5
	6H	18.9	19.8	19.3	20.2	20.6	21.7	22.6	22.1	23.0	23.5
	8H	18.9	19.7	19.4	20.2	20.6	22.1	23.0	22.6	23.4	23.9
	12H	18.9	19.7	19.4	20.1	20.6	22.6	23.4	23.1	23.8	24.3
8H	4H	19.2	20.0	19.6	20.5	20.9	20.9	21.8	21.4	22.2	22.7
	6H	19.5	20.2	20.0	20.7	21.2	22.1	22.8	22.6	23.3	23.8
	8H	19.6	20.3	20.2	20.8	21.3	22.7	23.3	23.2	23.8	24.3
	12H	19.7	20.3	20.3	20.8	21.4	23.3	23.8	23.8	24.3	24.9
12H	4H	19.3	20.0	19.7	20.5	21.0	20.9	21.7	21.4	22.1	22.6
	6H	19.7	20.3	20.2	20.8	21.3	22.1	22.7	22.6	23.2	23.8
	8H	19.9	20.4	20.4	21.0	21.5	22.7	23.3	23.3	23.8	24.4
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.3 / - 0.5					+ 0.2 / - 0.3					
2.0H	+ 0.3 / - 0.6					+ 0.2 / - 0.2					

CIE Pub.117 Corrected 891.3 lm Total Lamp Luminous Flux.(8log(F/F0) = -0.4)

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月15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: 48-RS-5050-24-96-12-X-Y-RGB+3000K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015016

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	65	53	46	63	52	46	39
1.00	74	63	55	73	62	55	70	63	54	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	84	75	68	81	73	67	59
2.00	93	85	78	91	83	77	87	80	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	88	84	75
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	105	100	96	99	96	93	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

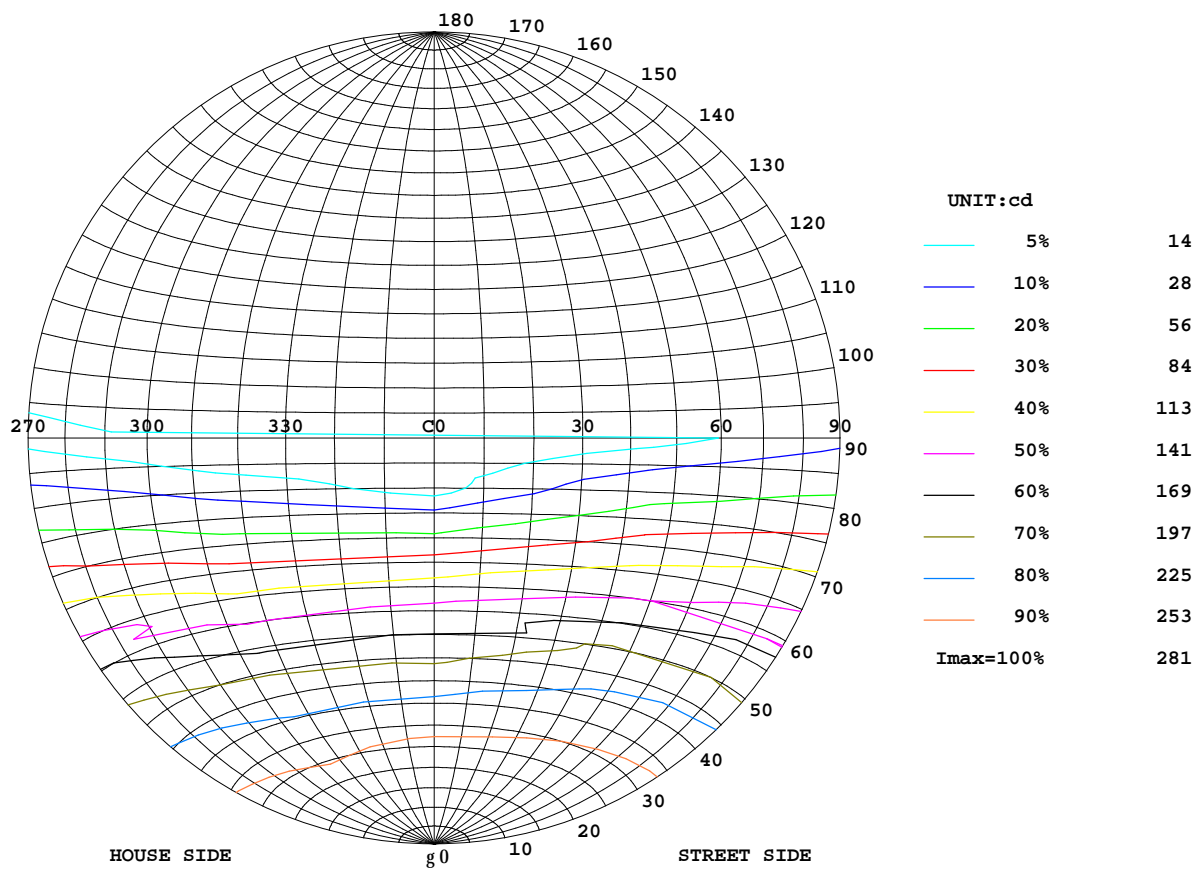
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2021年10月15日

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: 48-RS-5050-24-96-12-X-Y-RGB+3000K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015016



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2021年10月15日

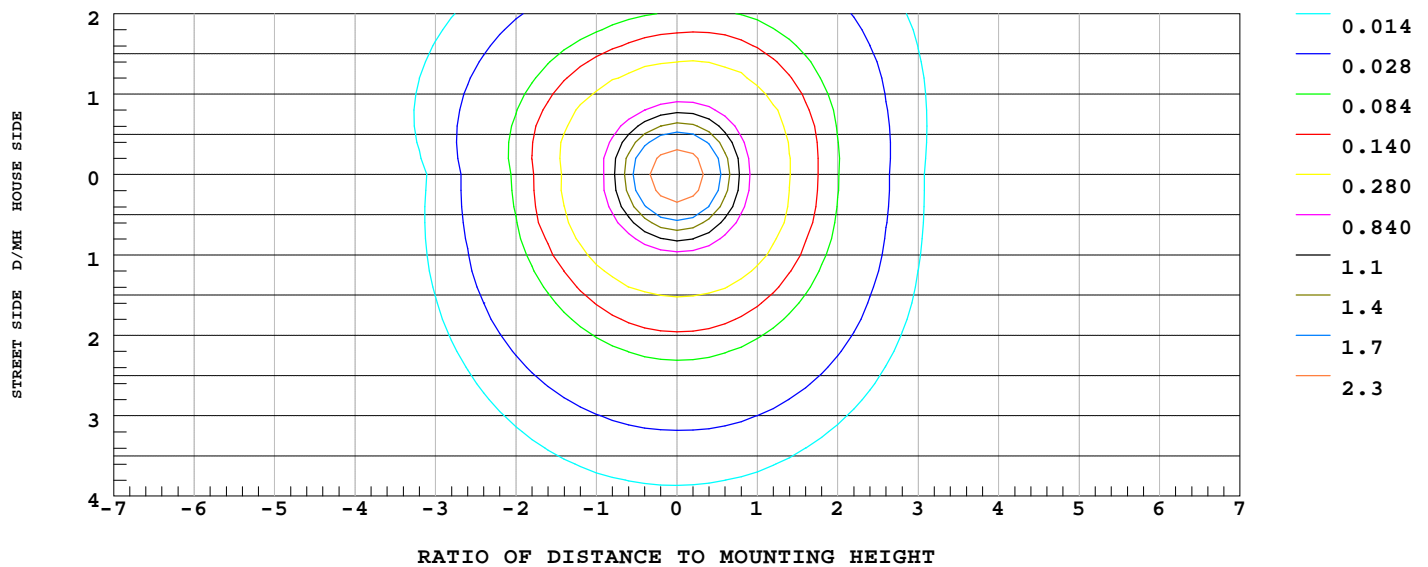
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.800 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: 48-RS-5050-24-96-12-X-Y-RGB+3000K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015016

ILLUMINANCE AT MH=10 m, Enadir = 2.81 lx



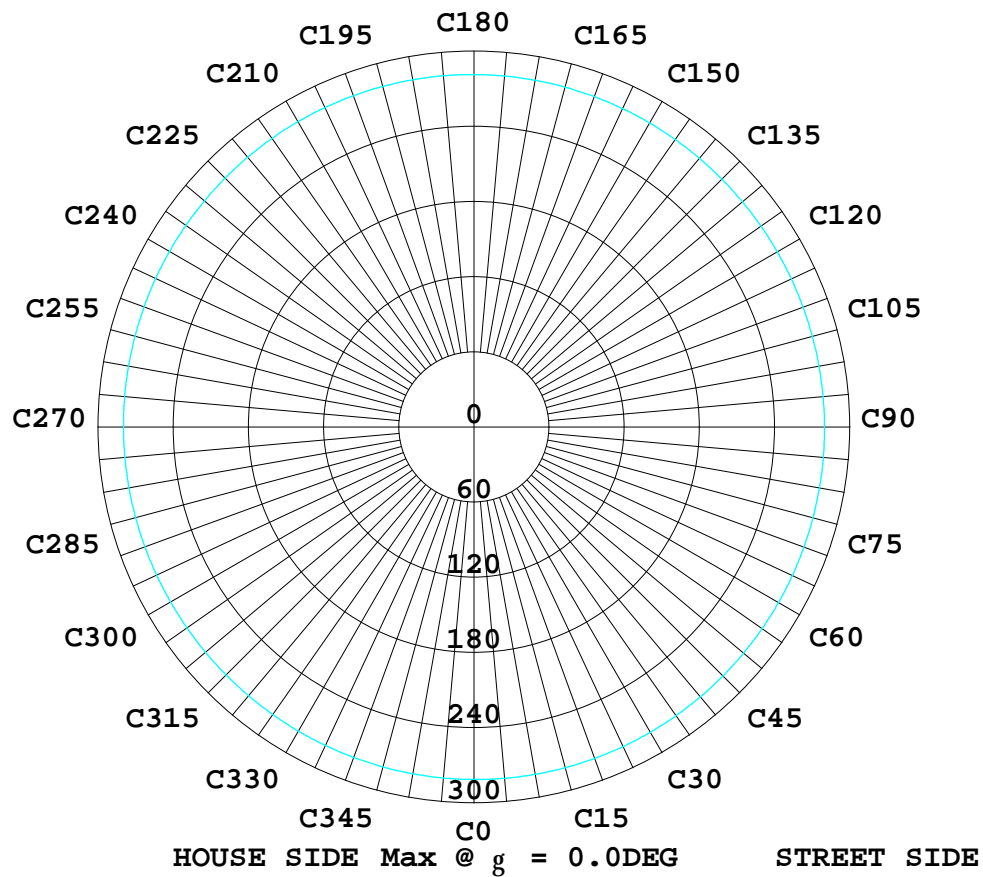
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2021年10月15日

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: 48-RS-5050-24-96-12-X-Y-RGB+3000K		TYPE: LED Strip	WEIGHT:
SPECIFICATION: 5050/96D	CCT(K): 0	DIMENSION: 1M*0.012M	SERIAL No.: 20211015016



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2021年10月15日

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