

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

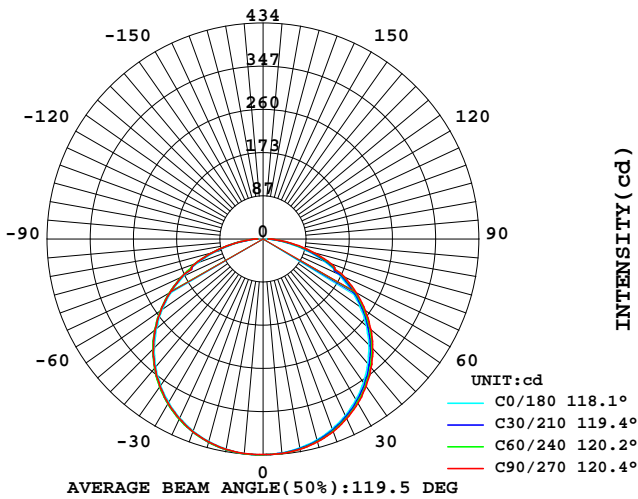
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

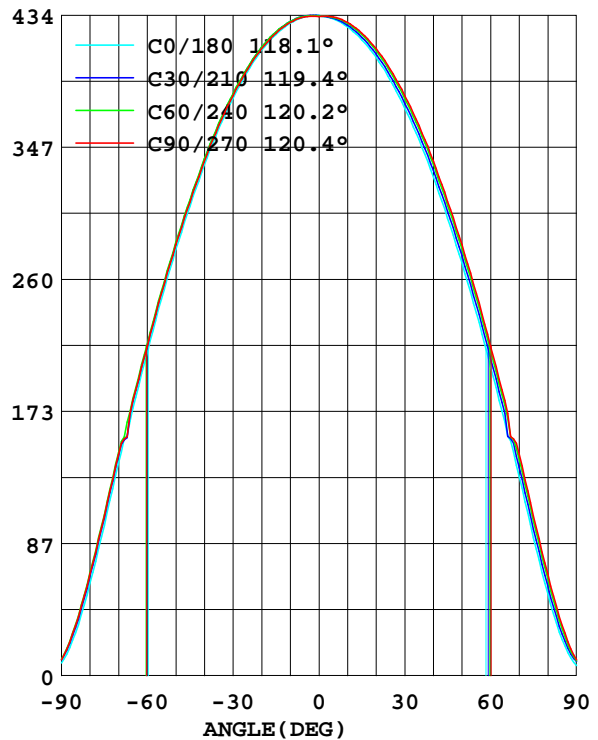
MANUFACTURER:		Address:	
NAME: LED strip light		TYPE:	WEIGHT:1.6
SPECIFICATION:2835-120-24		DIMENSION: 500*10mm	SERIAL No.:

DATA OF LAMP		Imax(cd)	433.7	S/MH(C0/180)	1.30
MODEL	YG8 RA90	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	16	TOTAL FLUX(lm)	1334.5	Voltage(V)	24.48
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	83.6	Current(A)	0.651
NOMINAL FLUX(lm)	1334.5	h up(%)	0.0	Power(W)	15.96
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.5	Effictive Flux(lm)	1315.1	EET	0.165

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

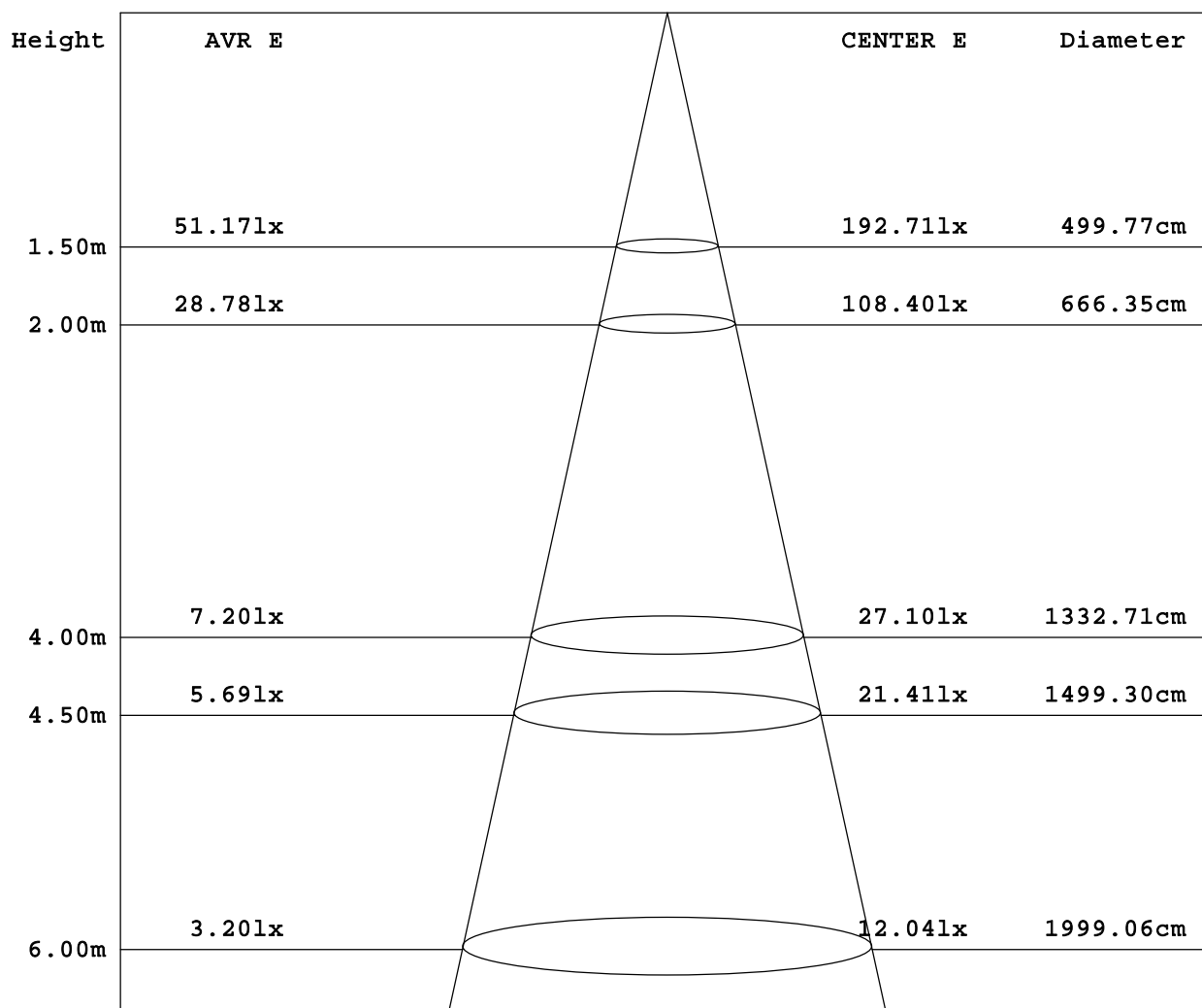
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:2835-120-24	DIMENSION: 500*10mm	SERIAL No.:



Angle:118.0deg

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:2835-120-24	DIMENSION: 500*10mm	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	total
5.0	432.5	432.6	432.5	431.5	431.2	431.5	432.5	432.6	0- 5	10.34	10.34
10.0	428.4	428.9	428.9	427.0	426.0	427.0	428.9	428.9	5- 10	30.78	41.12
15.0	420.9	421.8	421.8	419.1	417.5	419.1	421.8	421.8	10- 15	50.35	91.48
20.0	410.6	411.2	411.8	407.6	406.0	407.6	411.8	411.2	15- 20	68.46	159.9
25.0	396.5	397.6	398.0	393.5	390.9	393.5	398.0	397.6	20- 25	84.51	244.4
30.0	379.0	380.3	380.9	375.4	372.6	375.4	380.9	380.3	25- 30	98.00	342.4
35.0	359.2	359.6	361.3	354.3	352.0	354.3	361.3	359.6	30- 35	108.4	450.9
40.0	335.4	336.6	337.8	330.8	327.5	330.8	337.8	336.6	35- 40	115.5	566.4
45.0	308.5	309.5	311.3	303.3	300.0	303.3	311.3	309.5	40- 45	118.9	685.3
50.0	279.8	280.6	283.0	274.2	271.0	274.2	283.0	280.6	45- 50	118.4	803.8
55.0	247.1	247.8	250.8	241.2	238.0	241.2	250.8	247.8	50- 55	113.9	917.7
60.0	211.8	212.4	216.1	205.8	202.6	205.8	216.1	212.4	55- 60	105.7	1024
65.0	175.6	179.1	180.6	172.4	166.6	172.4	180.6	179.1	60- 65	94.54	1118
70.0	139.4	139.2	145.0	132.7	130.4	132.7	145.0	139.2	65- 70	79.07	1197
75.0	98.55	98.75	104.7	92.67	90.43	92.67	104.7	98.75	70- 75	61.87	1259
80.0	60.92	61.56	66.94	56.19	54.14	56.19	66.94	61.56	75- 80	42.35	1301
85.0	28.16	28.67	32.89	24.83	23.74	24.83	32.89	28.67	80- 85	23.65	1325
90.0	8.384	9.023	10.49	7.936	6.656	7.936	10.49	9.023	85- 90	9.510	1335
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

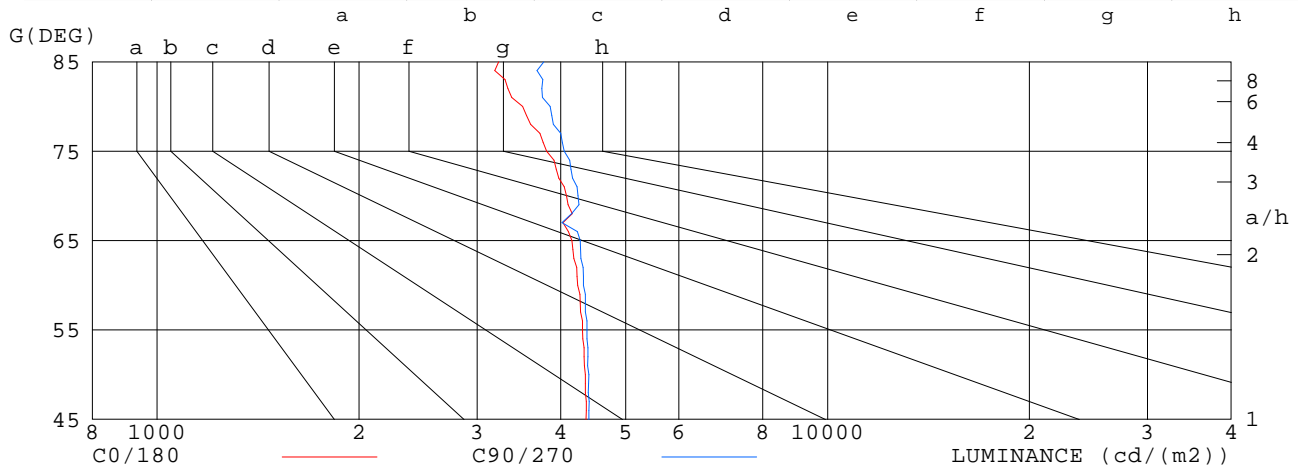
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		Address:	
NAME: LED strip light		TYPE:	WEIGHT:1.6
SPECIFICATION:2835-120-24		DIMENSION: 500*10mm	SERIAL No.:

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	3231	3774
80	3509	3855
75	3808	4045
70	4077	4242
65	4157	4275
60	4237	4324
55	4309	4374
50	4354	4404
45	4363	4403

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

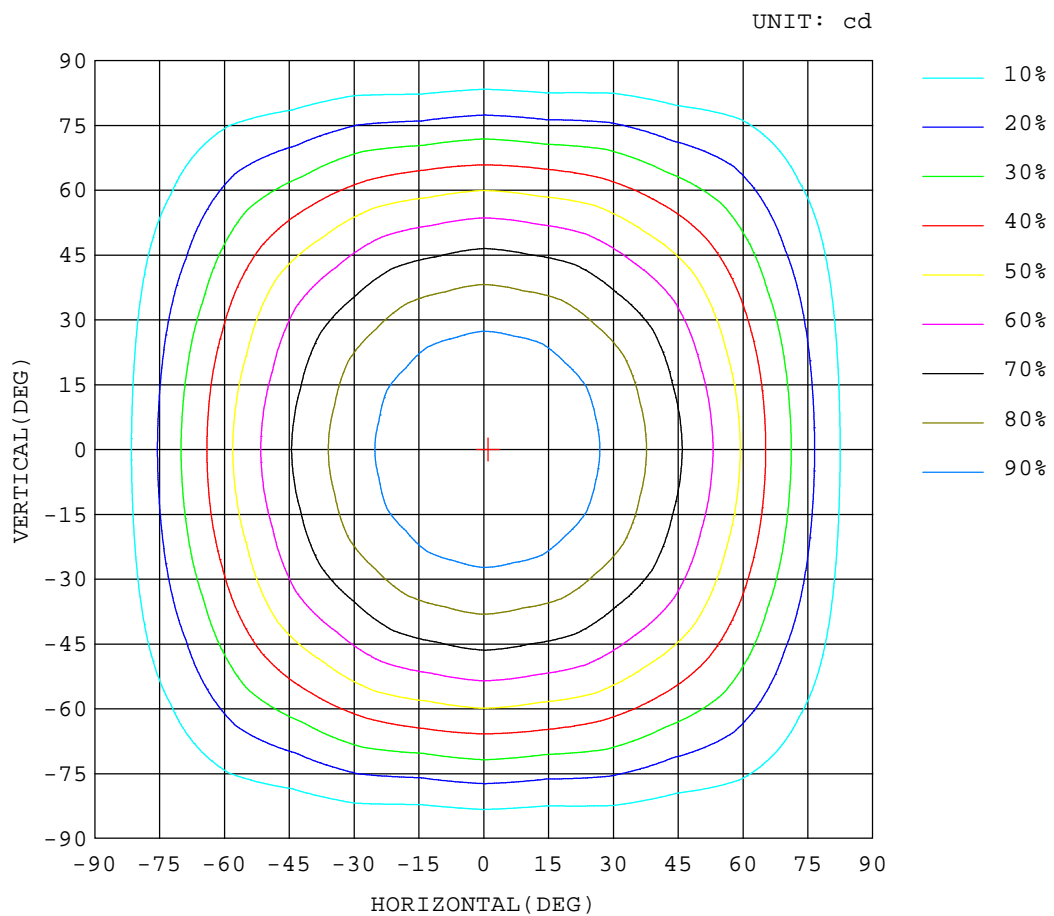
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:2835-120-24	DIMENSION: 500*10mm	SERIAL No.:



Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

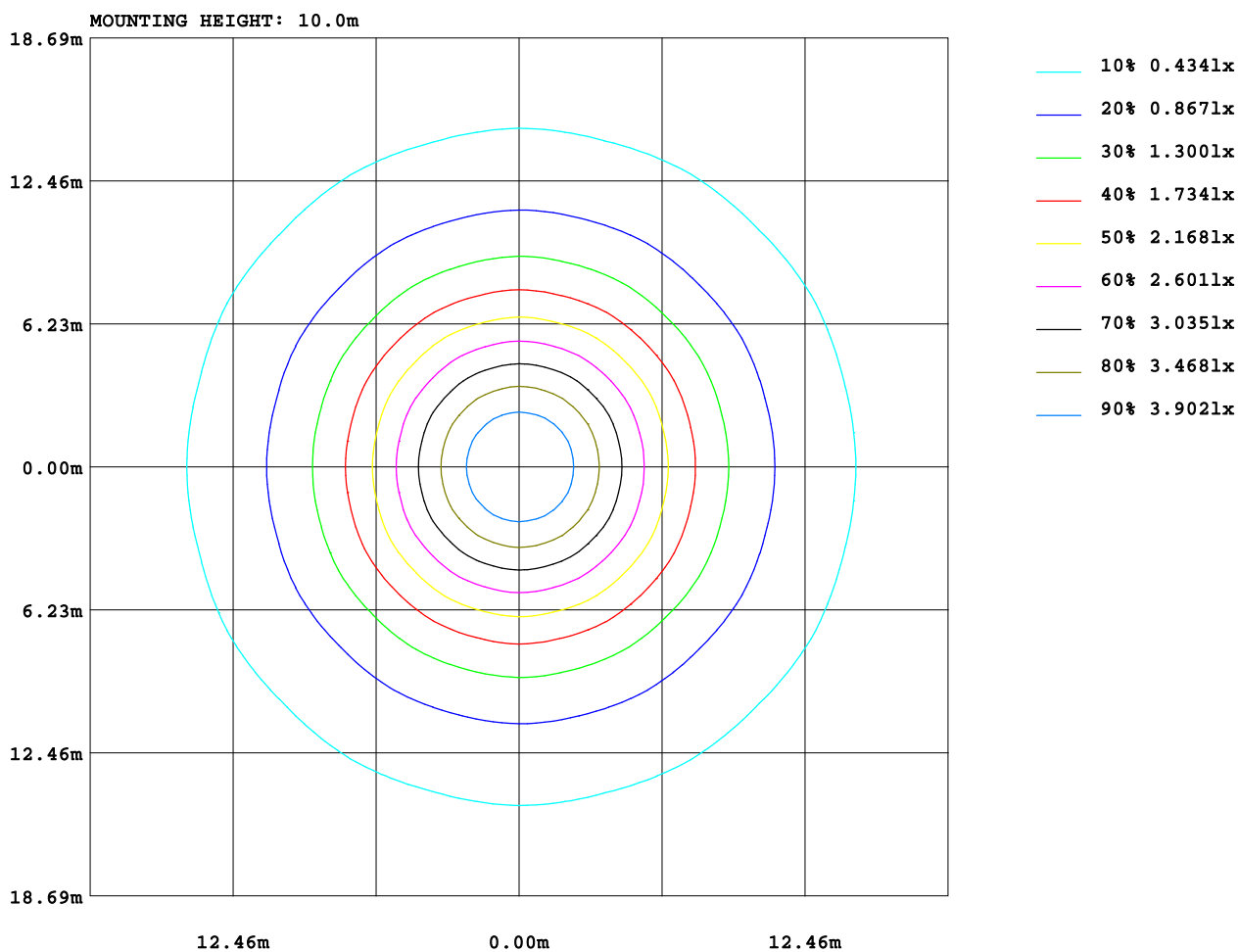
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:2835-120-24	DIMENSION: 500*10mm	SERIAL No.:



Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:2835-120-24	DIMENSION: 500*10mm	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		F t	F a
	0.02	0.08	0.18	0.31	0.43	0.64	0.79	0.87	1.00	1.01	0.91	0.86	0.71	0.50	0.36	0.22	0.09	0.03	8.99	2.62	
90	0.02	0.08	0.18	0.31	0.43	0.64	0.79	0.87	1.00	1.01	0.91	0.86	0.71	0.50	0.36	0.22	0.09	0.03	8.99	2.62	
80	0.03	0.14	0.42	0.84	1.31	1.92	2.47	2.78	3.09	3.12	2.84	2.57	2.04	1.42	0.94	0.49	0.17	0.03	26.6	25.0	
70	0.04	0.24	0.75	1.54	2.43	3.44	4.36	4.99	5.37	5.39	5.06	4.47	3.58	2.57	1.67	0.83	0.28	0.05	47.0	46.5	
60	0.05	0.35	1.09	2.25	3.52	4.87	6.10	6.94	7.48	7.50	7.02	6.23	5.02	3.67	2.37	1.19	0.40	0.06	66.1	65.8	
50	0.06	0.46	1.41	2.83	4.47	6.09	7.63	8.70	9.32	9.35	8.78	7.76	6.25	4.63	2.96	1.51	0.51	0.07	82.8	82.6	
40	0.07	0.56	1.68	3.34	5.27	7.15	8.85	10.1	10.8	10.8	10.2	9.00	7.32	5.44	3.49	1.79	0.62	0.08	96.7	96.5	
30	0.08	0.65	1.91	3.71	5.83	7.97	9.79	11.2	11.9	11.9	11.3	9.94	8.15	6.01	3.86	2.03	0.71	0.09	107	107	
	0.08	0.71	2.07	3.98	6.20	8.45	10.4	11.8	12.6	12.7	11.9	10.5	8.64	6.38	4.13	2.19	0.77	0.10	114	114	
	0.09	0.74	2.16	4.13	6.42	8.70	10.7	12.2	13.0	13.0	12.3	10.8	8.89	6.60	4.29	2.27	0.81	0.10	117	117	
	0.09	0.74	2.16	4.13	6.42	8.70	10.7	12.2	13.0	13.0	12.3	10.8	8.89	6.60	4.29	2.27	0.81	0.10	117	117	
	0.08	0.71	2.07	3.98	6.20	8.45	10.4	11.8	12.6	12.7	11.9	10.5	8.64	6.38	4.13	2.19	0.77	0.10	114	114	
-30	0.08	0.65	1.91	3.71	5.83	7.97	9.79	11.2	11.9	11.9	11.3	9.94	8.15	6.01	3.86	2.03	0.71	0.09	107	107	
-40	0.07	0.56	1.68	3.34	5.27	7.15	8.85	10.1	10.8	10.8	10.2	9.00	7.32	5.44	3.49	1.79	0.62	0.08	96.7	96.5	
-50	0.06	0.46	1.41	2.83	4.47	6.09	7.63	8.70	9.32	9.35	8.78	7.76	6.25	4.63	2.96	1.51	0.51	0.07	82.8	82.6	
-60	0.05	0.35	1.09	2.25	3.52	4.87	6.10	6.94	7.48	7.50	7.02	6.23	5.02	3.67	2.37	1.19	0.40	0.06	66.1	65.8	
-70	0.04	0.24	0.75	1.54	2.43	3.44	4.36	4.99	5.37	5.39	5.06	4.47	3.58	2.57	1.67	0.83	0.28	0.05	47.0	46.5	
-80	0.03	0.14	0.42	0.84	1.31	1.92	2.47	2.78	3.09	3.12	2.84	2.57	2.04	1.42	0.94	0.49	0.17	0.03	26.6	25.0	
-90	0.02	0.08	0.18	0.31	0.43	0.64	0.79	0.87	1.00	1.01	0.91	0.86	0.71	0.50	0.36	0.22	0.09	0.03	8.99	2.62	
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90	
F t	1.03	7.84	23.3	45.9	71.8	98.5	122	139	149	150	141	125	101	74.5	48.2	25.0	8.73	1.21	1335		
F a	0.13	6.55	22.2	44.8	70.7	97.4	121	138	148	149	140	124	100	73.4	47.1	24.0	7.55	0.30		1315	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

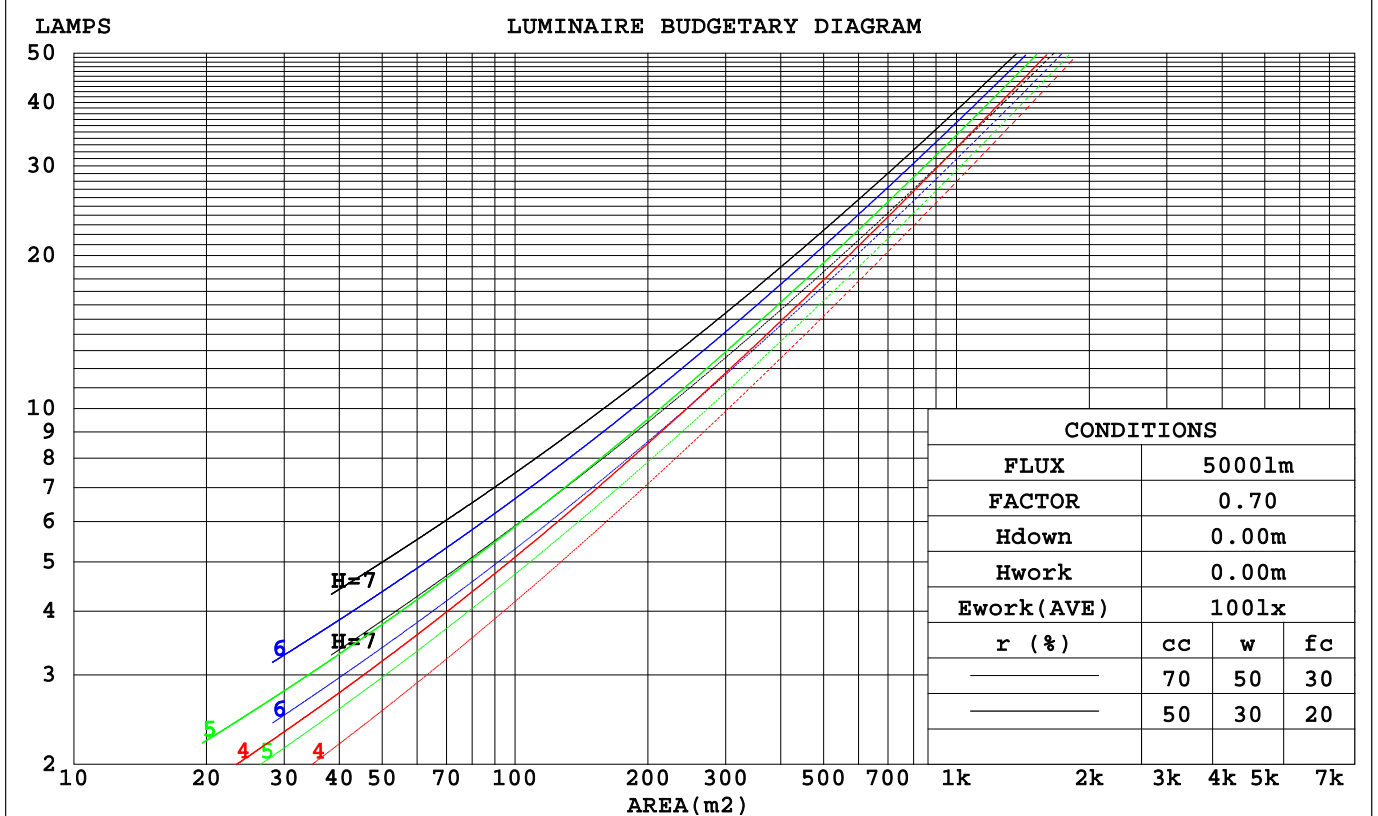
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:		Address:			
NAME: LED strip light		TYPE:		WEIGHT:1.6	
SPECIFICATION:2835-120-24		DIMENSION: 500*10mm		SERIAL No.:	

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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.03	.99	.95	1.01	.97	.93	.97	.93	.90	.93	.90	.87	.89	.87	.85	.83
2.0	.89	.82	.76	.88	.81	.75	.84	.78	.74	.81	.76	.72	.78	.74	.70	.68
3.0	.78	.70	.63	.77	.69	.62	.74	.67	.61	.71	.65	.60	.68	.63	.59	.57
4.0	.69	.60	.53	.68	.59	.53	.65	.58	.52	.63	.56	.51	.61	.55	.51	.48
5.0	.62	.52	.46	.60	.52	.45	.58	.51	.45	.56	.50	.44	.54	.48	.44	.42
6.0	.55	.46	.40	.54	.46	.39	.52	.45	.39	.51	.44	.39	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.48	.40	.34	.46	.39	.34	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.25
10.0	.39	.30	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number:

MANUFACTURER:	Address:					
NAME: LED strip light	TYPE:			WEIGHT:1.6		
SPECIFICATION:2835-120-24	DIMENSION: 500*10mm			SERIAL No.:		

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	.323	.184	.058	.316	.180	.057	.302	.174	.055	.290	.167	.054	.279	.162	.052	
2.0	.301	.165	.051	.295	.162	.050	.283	.157	.049	.272	.153	.048	.262	.148	.047	
3.0	.277	.148	.044	.272	.145	.044	.261	.142	.043	.252	.138	.042	.243	.134	.042	
4.0	.255	.132	.039	.250	.131	.039	.241	.128	.038	.232	.125	.038	.224	.122	.037	
5.0	.235	.120	.035	.231	.118	.034	.222	.116	.034	.215	.113	.034	.208	.111	.033	
6.0	.217	.109	.031	.214	.108	.031	.206	.106	.031	.199	.104	.030	.193	.102	.030	
7.0	.202	.100	.028	.199	.099	.028	.192	.097	.028	.186	.095	.028	.180	.094	.028	
8.0	.188	.092	.026	.185	.091	.026	.179	.090	.026	.174	.088	.025	.169	.087	.025	
9.0	.176	.085	.024	.174	.085	.024	.168	.083	.024	.163	.082	.023	.159	.081	.023	
10.0	.166	.079	.022	.163	.079	.022	.158	.078	.022	.154	.076	.022	.150	.075	.022	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.181	.156	.133	.155	.134	.115	.106	.092	.079	.061	.053	.046	.020	.017	.015	
2.0	.173	.132	.097	.149	.114	.084	.102	.079	.058	.059	.046	.034	.019	.015	.011	
3.0	.166	.114	.073	.142	.099	.064	.098	.069	.045	.056	.040	.026	.018	.013	.009	
4.0	.158	.101	.057	.136	.087	.050	.093	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.151	.091	.046	.129	.079	.040	.089	.055	.029	.052	.032	.017	.017	.011	.006	
6.0	.144	.082	.039	.123	.071	.034	.085	.050	.024	.049	.029	.014	.016	.010	.005	
7.0	.137	.076	.033	.118	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.130	.070	.028	.112	.061	.025	.077	.042	.018	.045	.025	.010	.015	.008	.003	
9.0	.124	.065	.025	.107	.056	.022	.074	.040	.015	.043	.023	.009	.014	.008	.003	
10.0	.118	.061	.022	.102	.053	.019	.071	.037	.014	.041	.022	.008	.013	.007	.003	

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

Uncorrected UGR Table

Report number:

MANUFACTURER:						Address:				
NAME: LED strip light						TYPE:			WEIGHT:1.6	
SPECIFICATION:2835-120-24						DIMENSION: 500*10mm			SERIAL No.:	
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	18.0	19.6	18.3	19.8	20.0	18.1	19.7	18.4	19.9	20.1
3H	19.7	21.1	20.0	21.4	21.6	19.8	21.2	20.1	21.5	21.7
4H	20.3	21.7	20.6	22.0	22.2	20.5	21.9	20.8	22.1	22.4
6H	20.8	22.1	21.1	22.4	22.7	21.0	22.3	21.4	22.6	22.9
8H	21.0	22.2	21.3	22.5	22.8	21.2	22.5	21.6	22.7	23.0
12H	21.1	22.3	21.4	22.6	22.9	21.3	22.6	21.7	22.8	23.2
4H 2H	18.7	20.1	19.0	20.3	20.6	18.8	20.2	19.1	20.4	20.7
3H	20.6	21.8	20.9	22.1	22.4	20.7	21.9	21.0	22.2	22.5
4H	21.3	22.4	21.7	22.8	23.1	21.5	22.6	21.9	22.9	23.2
6H	21.9	22.9	22.3	23.3	23.6	22.1	23.1	22.5	23.5	23.8
8H	22.1	23.0	22.5	23.4	23.8	22.4	23.3	22.8	23.7	24.0
12H	22.3	23.1	22.7	23.5	23.9	22.6	23.4	23.0	23.8	24.2
8H 4H	21.7	22.6	22.1	22.9	23.3	21.8	22.7	22.2	23.1	23.5
6H	22.4	23.2	22.9	23.6	24.0	22.6	23.4	23.1	23.8	24.2
8H	22.7	23.4	23.2	23.8	24.3	23.0	23.6	23.4	24.1	24.5
12H	22.9	23.5	23.4	24.0	24.5	23.2	23.8	23.7	24.3	24.7
12H 4H	21.7	22.5	22.1	22.9	23.3	21.8	22.7	22.2	23.0	23.4
6H	22.5	23.2	23.0	23.6	24.1	22.7	23.4	23.1	23.8	24.2
8H	22.9	23.4	23.3	23.9	24.4	23.1	23.7	23.6	24.1	24.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 1335 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.0)

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:	Address:		
NAME: LED strip light	TYPE:	WEIGHT:1.6	
SPECIFICATION:2835-120-24	DIMENSION: 500*10mm	SERIAL No.:	

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	56	44	37	54	44	37	31
0.80	66	54	47	65	54	47	63	53	46	39
1.00	75	63	56	74	63	56	71	64	55	48
1.25	82	71	64	80	70	63	78	69	62	55
1.50	87	77	70	85	76	69	82	74	68	60
2.00	94	85	78	92	84	78	89	82	76	68
2.50	98	90	84	96	89	83	92	86	81	72
3.00	101	94	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	93	99	95	91	82
5.00	108	103	99	106	101	97	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

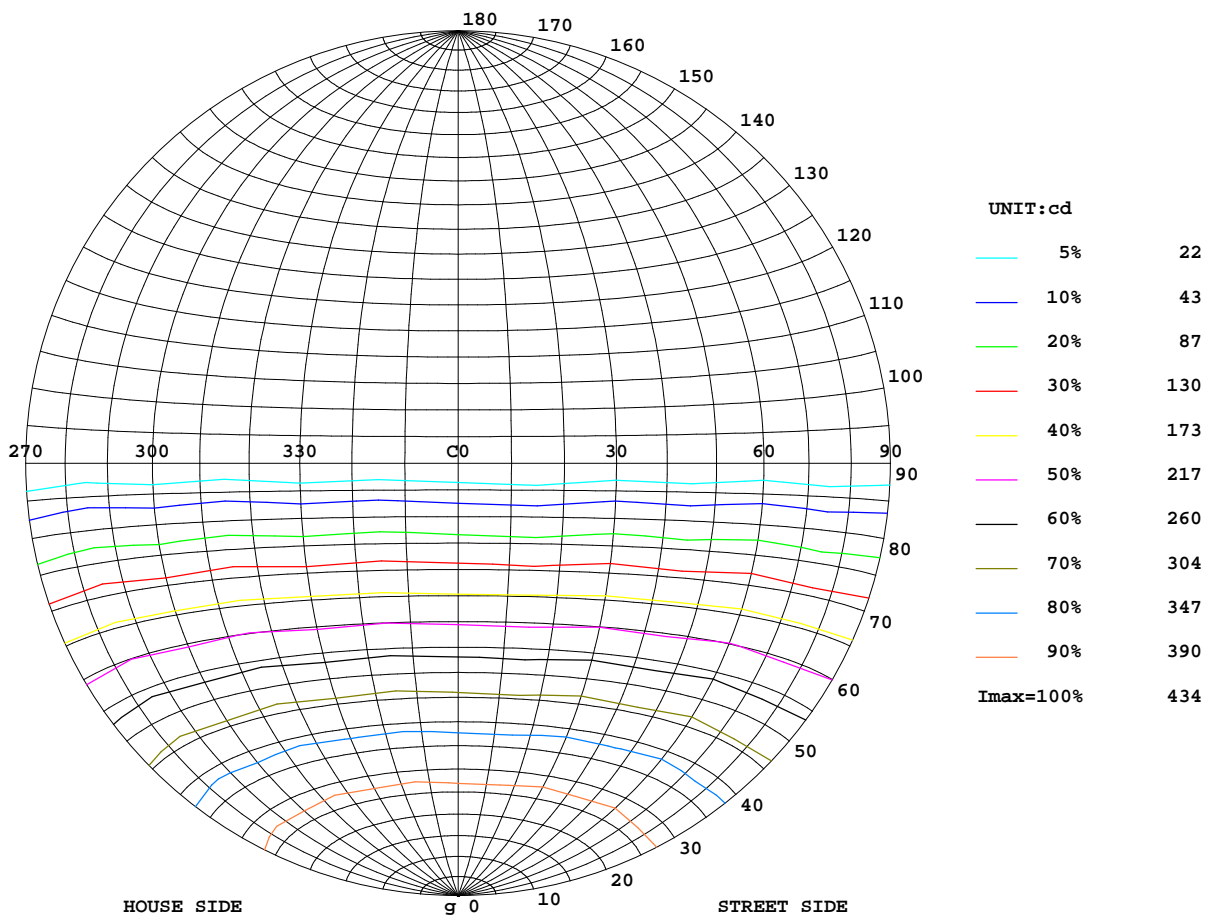
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:2835-120-24	DIMENSION: 500*10mm	SERIAL No.:



Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

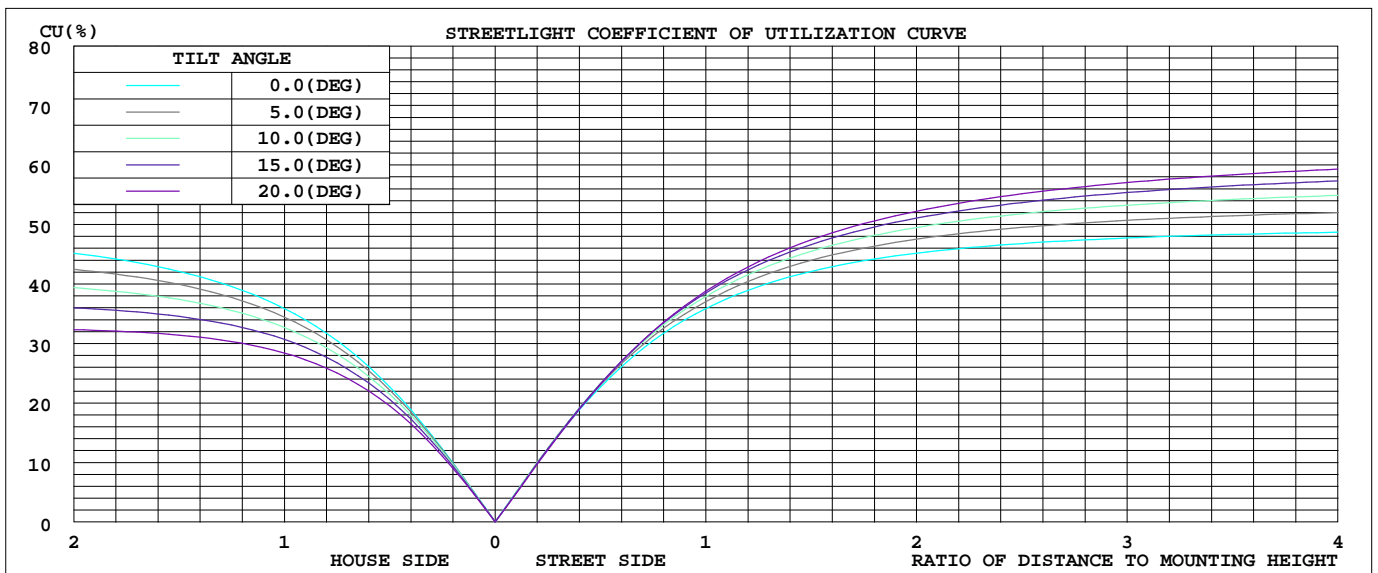
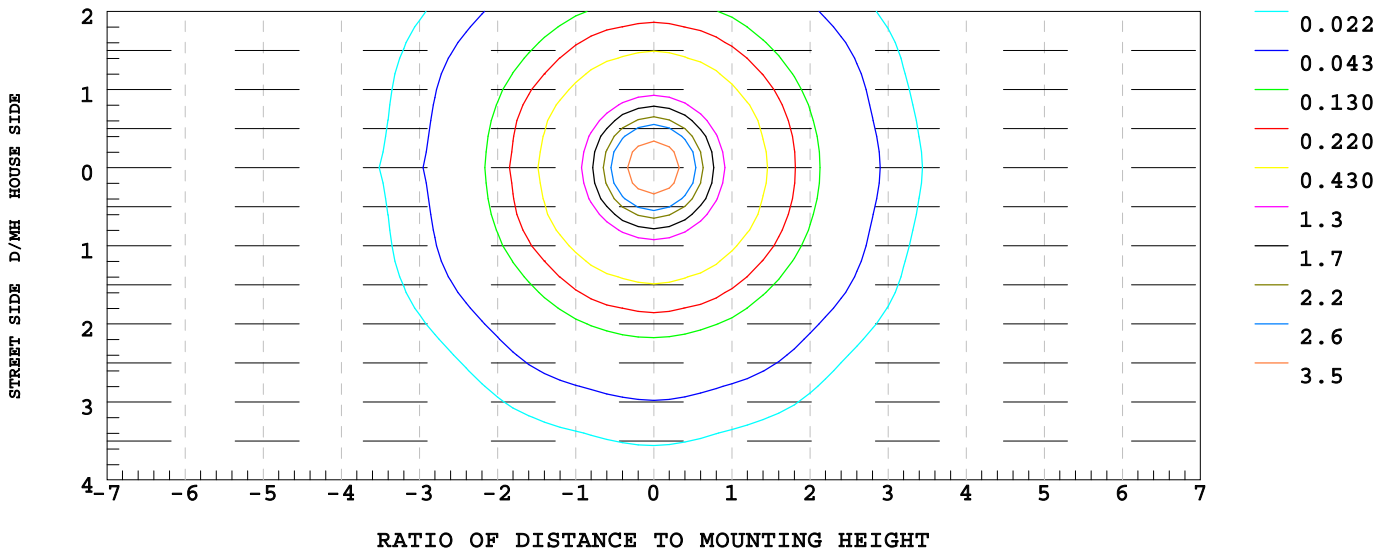
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:2835-120-24	DIMENSION: 500*10mm	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 4.34 lx



Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

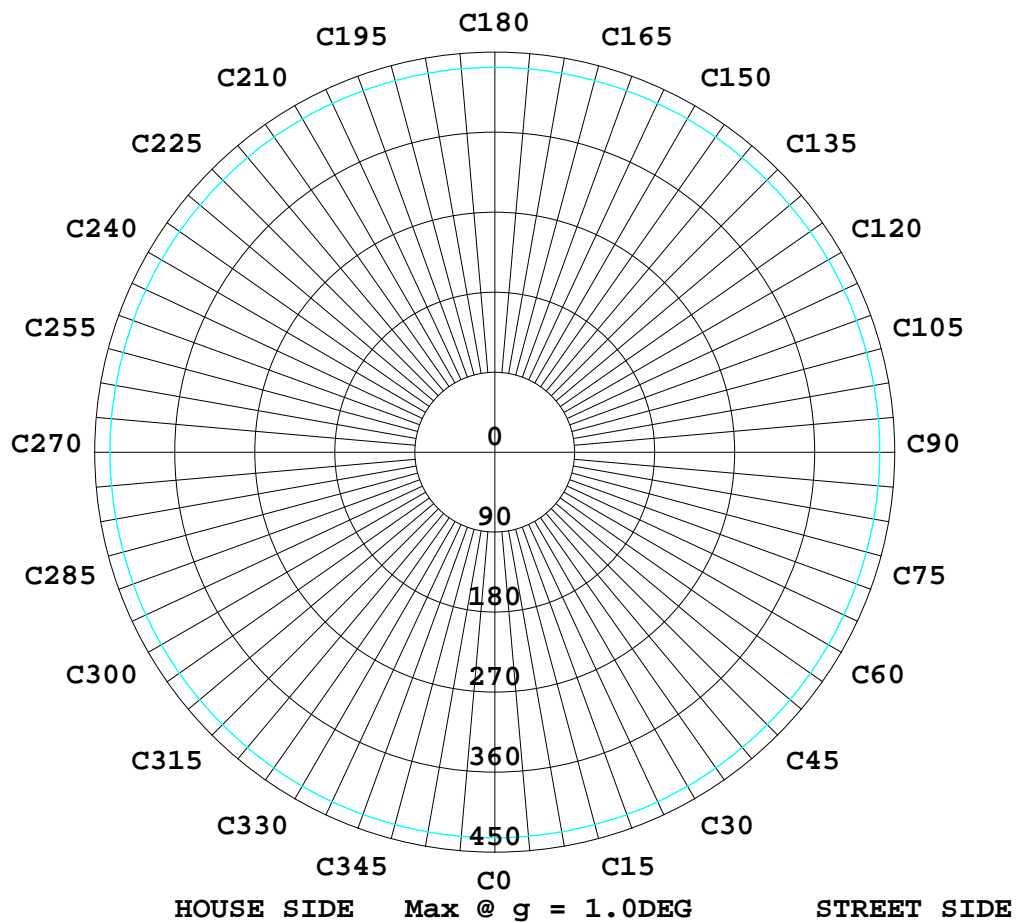
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:2835-120-24	DIMENSION: 500*10mm	SERIAL No.:



Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:2835-120-24	DIMENSION: 500*10mm	SERIAL No.:

UNIT: cd

g (DEG)	C(DEG)														
	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	434	433	433	433	433	433	433	433	433	433	433	433	433	433	433
5.0	433	433	433	433	433	432	433	432	432	432	432	431	431	431	432
10.0	428	429	430	429	430	429	429	428	428	427	427	426	426	426	427
15.0	421	421	423	422	423	421	422	421	421	419	419	417	418	417	419
20.0	411	410	413	411	413	411	412	410	410	408	408	405	406	405	408
25.0	397	397	399	398	399	397	398	396	396	394	394	391	391	391	394
30.0	379	379	382	380	382	380	381	378	379	375	376	372	373	372	376
35.0	359	358	362	360	363	359	361	357	359	354	356	351	352	351	356
40.0	335	335	339	337	339	336	338	334	336	331	332	327	328	327	332
45.0	309	307	312	310	313	309	311	307	309	303	305	299	300	299	305
50.0	280	278	284	281	285	280	283	278	280	274	276	269	271	269	276
55.0	247	245	251	248	252	247	251	245	248	241	243	236	238	236	243
60.0	212	210	216	212	218	212	216	210	213	206	208	201	203	201	208
65.0	176	176	180	179	182	179	181	177	177	172	172	167	167	167	172
70.0	139	136	144	139	146	140	145	137	142	133	136	127	130	127	136
75.0	98.5	95.0	104	98.7	106	99.3	105	97.1	101	92.6	96.1	86.9	90.4	86.9	96.1
80.0	60.9	58.0	65.5	61.5	67.8	62.2	66.9	60.1	63.9	56.1	59.1	51.1	54.1	51.1	59.1
85.0	28.1	25.9	31.6	28.6	33.4	29.3	32.8	27.7	30.5	24.8	27.2	21.4	23.7	21.4	27.2
90.0	8.38	8.19	10.4	9.02	10.8	9.08	10.4	8.51	9.85	7.93	9.28	7.04	6.65	7.04	9.28

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:		Address:	
NAME: LED strip light		TYPE:	WEIGHT:1.6
SPECIFICATION:2835-120-24		DIMENSION: 500*10mm	SERIAL No.:

UNIT: cd

C(DEG)\g (DEG)		225	240	255	270	285	300	315	330	345
0.0		433	433	433	433	433	433	433	433	433
5.0		432	432	432	433	432	433	433	433	433
10.0		427	428	428	429	429	430	429	430	429
15.0		419	421	421	422	421	423	422	423	421
20.0		408	410	410	412	411	413	411	413	410
25.0		394	396	396	398	397	399	398	399	397
30.0		375	379	378	381	380	382	380	382	379
35.0		354	359	357	361	359	363	360	362	358
40.0		331	336	334	338	336	339	337	339	335
45.0		303	309	307	311	309	313	310	312	307
50.0		274	280	278	283	280	285	281	284	278
55.0		241	248	245	251	247	252	248	251	245
60.0		206	213	210	216	212	218	212	216	210
65.0		172	177	177	181	179	182	179	180	176
70.0		133	142	137	145	140	146	139	144	136
75.0		92.6	101	97.1	105	99.3	106	98.7	104	95.0
80.0		56.1	63.9	60.1	66.9	62.2	67.8	61.5	65.5	58.0
85.0		24.8	30.5	27.7	32.8	29.3	33.4	28.6	31.6	25.9
90.0		7.93	9.85	8.51	10.4	9.08	10.8	9.02	10.4	8.19

Test System:HOP00 HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020年11月04日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks: