

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

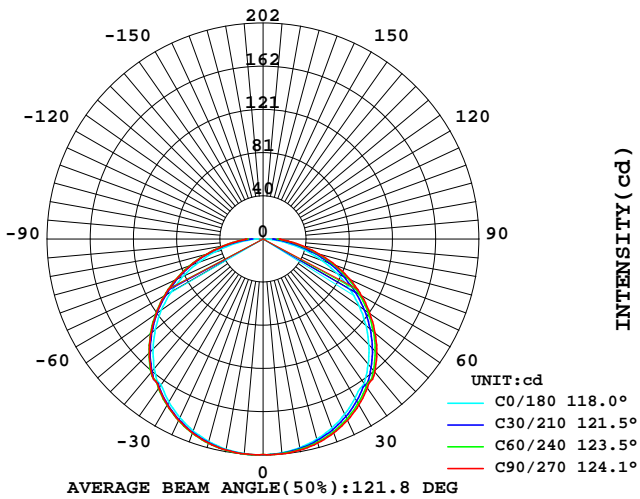
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

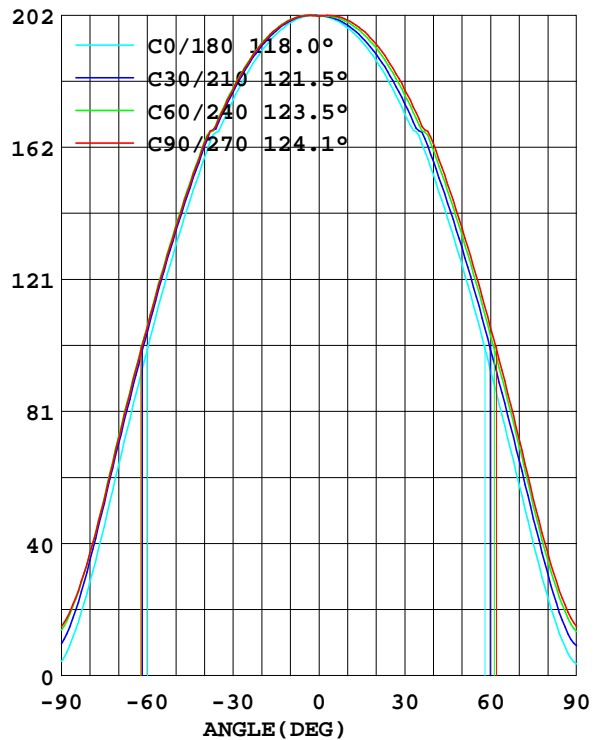
MANUFACTURER:		Address:	
NAME: LED strip light		TYPE:	WEIGHT:1.6
SPECIFICATION:3014-120-24v		DIMENSION: 500*10mm	SERIAL No.:

DATA OF LAMP		Imax(cd)	202.1	S/MH(C0/180)	1.29
MODEL	side view	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	8	TOTAL FLUX(lm)	641.92	Voltage(V)	24.58
RATED VOLTAGE(V)	25	EFFICIENCY(lm/W)	84.6	Current(A)	0.308
NOMINAL FLUX(lm)	641.9	h up(%)	0.0	Power(W)	7.590
LAMPS QUANTITY	1	h down(%)	100.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.6	Effictive Flux(lm)	633.8	EEL	0.143

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

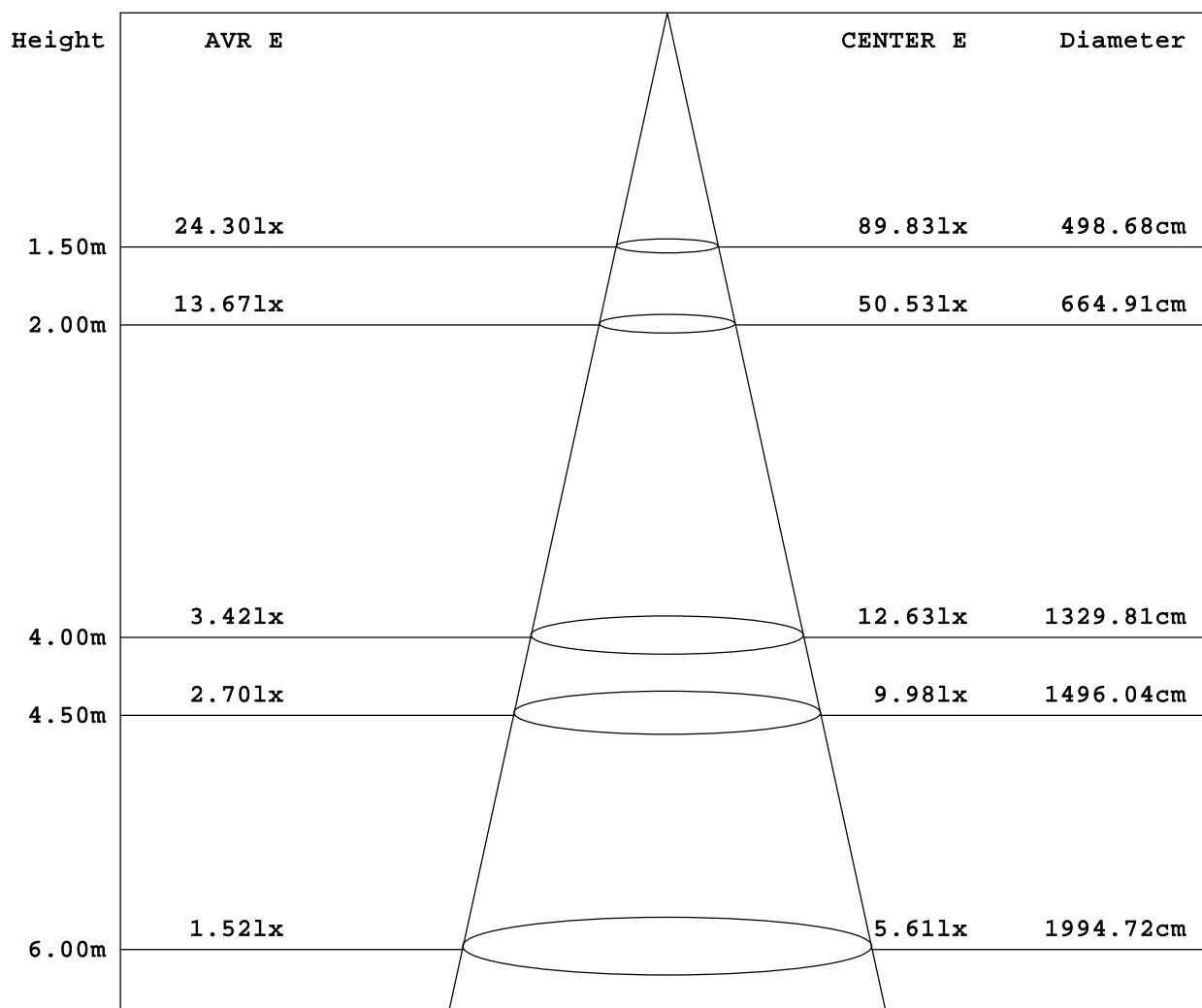
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:3014-120-24v	DIMENSION: 500*10mm	SERIAL No.:



Angle:117.9deg

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:3014-120-24v		DIMENSION: 500*10mm	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	Total
5.0	201.7	201.6	201.9	200.8	200.9	200.8	201.9	201.6	0- 5	4.822	4.822
10.0	199.8	200.0	200.6	198.9	198.3	198.9	200.6	200.0	5- 10	14.35	19.17
15.0	196.2	196.9	197.7	195.2	194.0	195.2	197.7	196.9	10- 15	23.49	42.67
20.0	191.2	192.1	193.3	190.1	188.3	190.1	193.3	192.1	15- 20	31.96	74.63
25.0	184.4	189.4	187.1	186.8	180.9	186.8	187.1	189.4	20- 25	39.62	114.2
30.0	176.1	181.1	179.3	178.1	171.9	178.1	179.3	181.1	25- 30	46.18	160.4
35.0	166.6	171.3	170.3	168.0	165.2	168.0	170.3	171.3	30- 35	51.13	211.5
40.0	158.4	160.5	162.8	156.8	153.2	156.8	162.8	160.5	35- 40	54.79	266.3
45.0	145.5	147.7	150.3	143.8	139.9	143.8	150.3	147.7	40- 45	56.61	323.0
50.0	131.8	134.3	137.1	130.1	125.9	130.1	137.1	134.3	45- 50	56.42	379.4
55.0	116.2	119.1	122.3	114.8	110.2	114.8	122.3	119.1	50- 55	54.41	433.8
60.0	99.58	102.7	106.4	98.49	93.37	98.49	106.4	102.7	55- 60	50.67	484.5
65.0	82.62	86.46	90.23	82.23	76.41	82.23	90.23	86.46	60- 65	45.30	529.8
70.0	64.25	68.92	72.25	64.83	58.30	64.83	72.25	68.92	65- 70	38.46	568.2
75.0	45.75	50.68	53.95	46.84	40.32	46.84	53.95	50.68	70- 75	30.45	598.7
80.0	28.86	33.72	37.69	30.59	24.19	30.59	37.69	33.72	75- 80	21.81	620.5
85.0	13.95	19.58	23.74	17.47	10.81	17.47	23.74	19.58	80- 85	13.73	634.2
90.0	4.352	11.13	15.04	10.55	3.584	10.55	15.04	11.13	85- 90	7.632	641.9
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: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

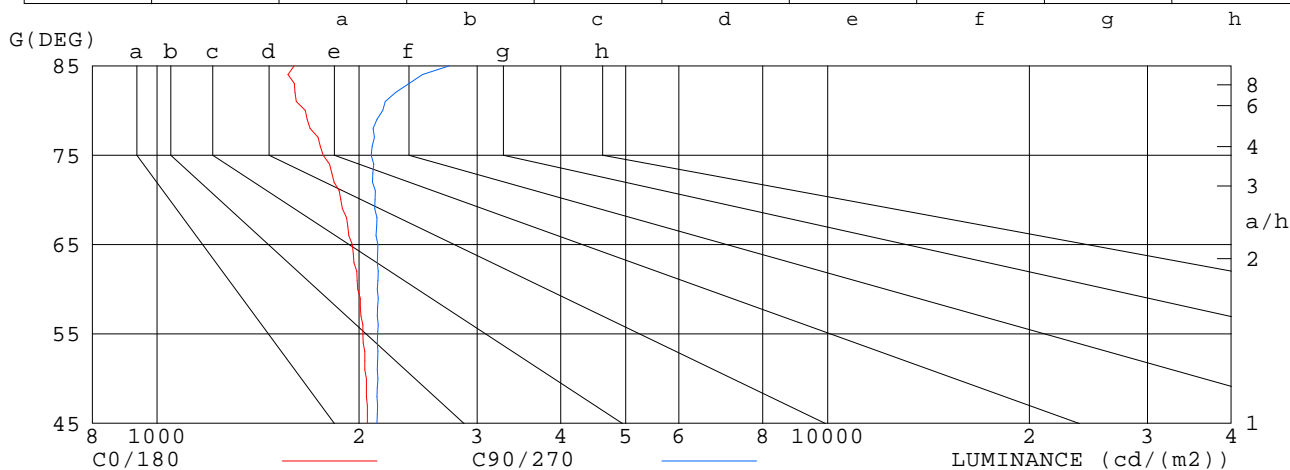
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		Address:	
NAME: LED strip light		TYPE:	WEIGHT:1.6
SPECIFICATION:3014-120-24v		DIMENSION: 500*10mm	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
1.15	A								
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



G (DEG)	LUMINANCE cd/(m2)	
	C0/180	C90/270
85	1601	2724
80	1662	2171
75	1768	2085
70	1879	2113
65	1955	2135
60	1992	2130
55	2027	2132
50	2051	2134
45	2058	2127

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

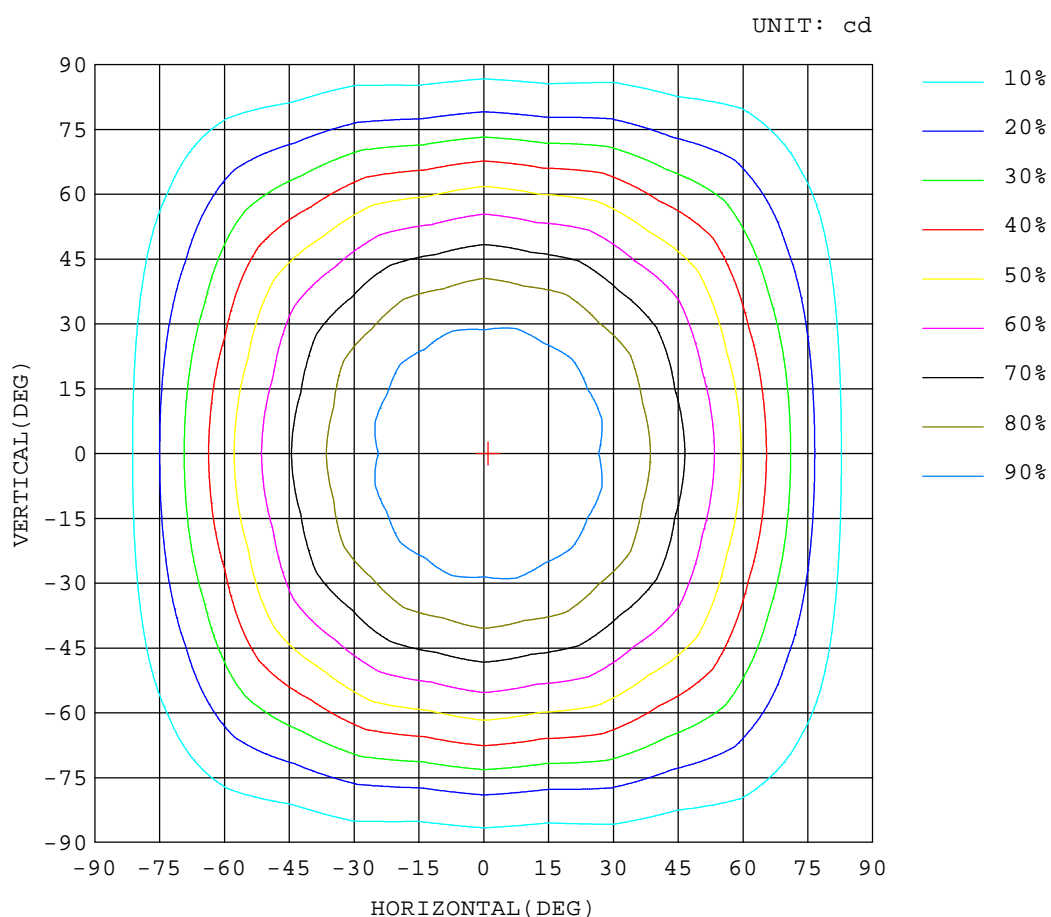
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:3014-120-24v	DIMENSION: 500*10mm	SERIAL No.:



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

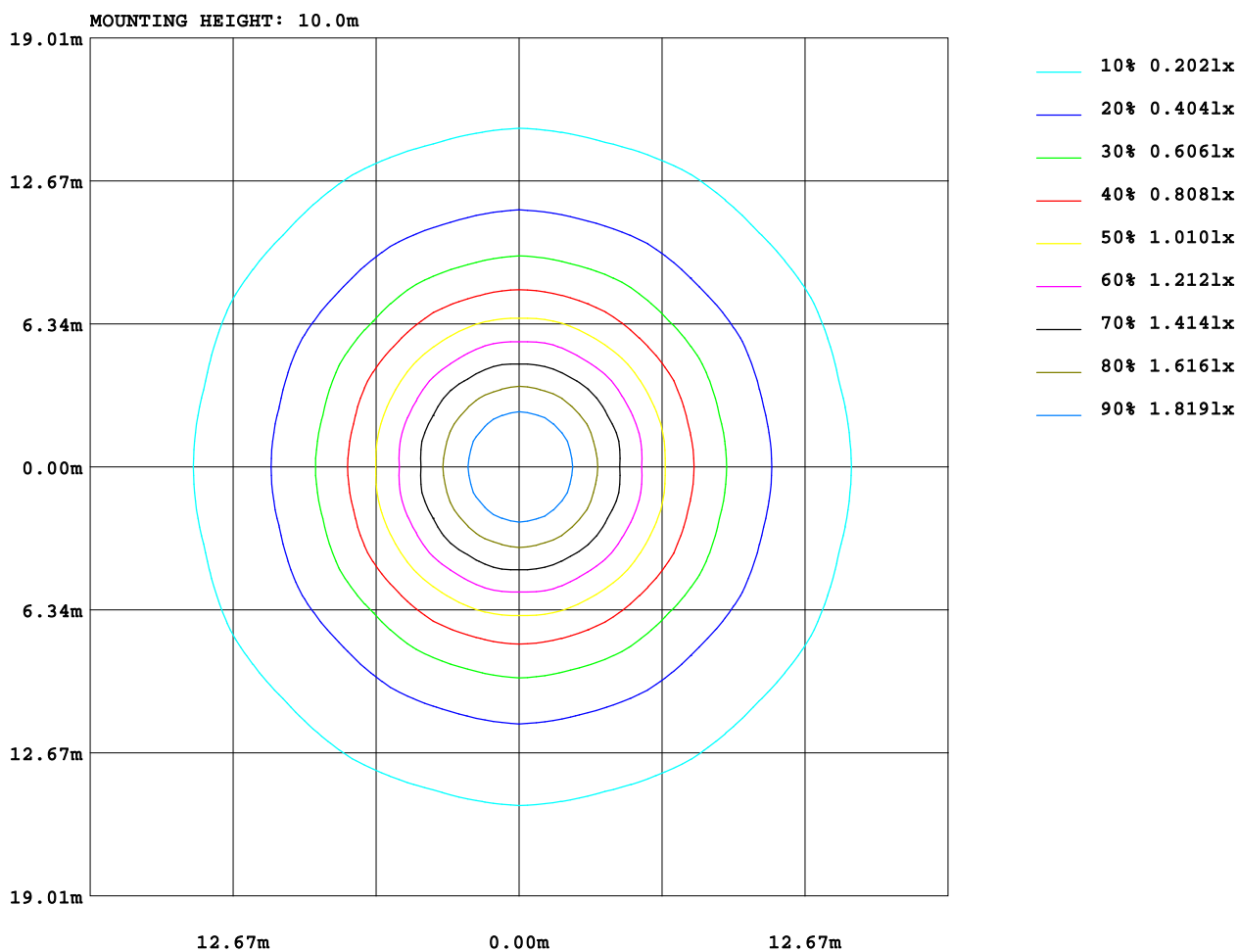
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:3014-120-24v	DIMENSION: 500*10mm	SERIAL No.:



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

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:3014-120-24v	DIMENSION: 500*10mm	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		F t	F a
	0.01	0.05	0.13	0.23	0.33	0.48	0.58	0.64	0.71	0.72	0.66	0.62	0.51	0.37	0.27	0.15	0.06	0.01	6.54	3.48	
90	0.01	0.05	0.13	0.23	0.33	0.48	0.58	0.64	0.71	0.72	0.66	0.62	0.51	0.37	0.27	0.15	0.06	0.01	6.54	3.48	
80	0.01	0.08	0.24	0.47	0.71	1.01	1.28	1.43	1.59	1.61	1.47	1.34	1.08	0.78	0.53	0.28	0.10	0.02	14.0	13.5	
70	0.02	0.12	0.38	0.78	1.20	1.70	2.15	2.42	2.65	2.67	2.47	2.23	1.78	1.29	0.86	0.44	0.15	0.03	23.3	23.1	
60	0.02	0.17	0.53	1.09	1.69	2.33	2.96	3.35	3.63	3.64	3.40	3.04	2.43	1.79	1.17	0.59	0.20	0.03	32.1	32.0	
50	0.03	0.22	0.66	1.35	2.14	2.90	3.66	4.17	4.48	4.50	4.23	3.75	3.00	2.24	1.45	0.73	0.26	0.04	39.8	39.7	
40	0.03	0.26	0.78	1.56	2.50	3.39	4.21	4.83	5.14	5.16	4.88	4.30	3.50	2.61	1.66	0.85	0.30	0.04	46.0	46.0	
30	0.04	0.30	0.87	1.71	2.74	3.78	4.63	5.27	5.64	5.66	5.34	4.72	3.89	2.86	1.82	0.95	0.34	0.05	50.6	50.5	
	0.04	0.32	0.95	1.84	2.88	3.97	4.88	5.57	5.93	5.95	5.62	4.97	4.07	3.00	1.94	1.02	0.36	0.05	53.4	53.3	
	0.04	0.33	0.99	1.91	2.99	4.06	5.00	5.67	6.06	6.08	5.74	5.09	4.17	3.11	2.02	1.06	0.38	0.05	54.8	54.7	
	0.04	0.33	0.99	1.91	2.99	4.06	5.00	5.67	6.06	6.08	5.74	5.09	4.17	3.11	2.02	1.06	0.38	0.05	54.8	54.7	
	0.04	0.32	0.95	1.84	2.88	3.97	4.88	5.57	5.93	5.95	5.62	4.97	4.07	3.00	1.94	1.02	0.36	0.05	53.4	53.3	
-30	0.04	0.30	0.87	1.71	2.74	3.78	4.63	5.27	5.64	5.66	5.34	4.72	3.89	2.86	1.82	0.95	0.34	0.05	50.6	50.5	
-40	0.03	0.26	0.78	1.56	2.50	3.39	4.21	4.83	5.14	5.16	4.88	4.30	3.50	2.61	1.66	0.85	0.30	0.04	46.0	46.0	
-50	0.03	0.22	0.66	1.35	2.14	2.90	3.66	4.17	4.48	4.50	4.23	3.75	3.00	2.24	1.45	0.73	0.26	0.04	39.8	39.7	
-60	0.02	0.17	0.53	1.09	1.69	2.33	2.96	3.35	3.63	3.64	3.40	3.04	2.43	1.79	1.17	0.59	0.20	0.03	32.1	32.0	
-70	0.02	0.12	0.38	0.78	1.20	1.70	2.15	2.42	2.65	2.67	2.47	2.23	1.78	1.29	0.86	0.44	0.15	0.03	23.3	23.1	
-80	0.01	0.08	0.24	0.47	0.71	1.01	1.28	1.43	1.59	1.61	1.47	1.34	1.08	0.78	0.53	0.28	0.10	0.02	14.0	13.5	
-90	0.01	0.05	0.13	0.23	0.33	0.48	0.58	0.64	0.71	0.72	0.66	0.62	0.51	0.37	0.27	0.15	0.06	0.01	6.54	3.48	
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90				
F t	0.50	3.72	11.0	21.9	34.4	47.3	58.8	66.7	71.7	72.0	67.6	60.1	48.9	36.1	23.4	12.1	4.30	0.63	642		
F a	0.05	3.10	10.5	21.4	33.8	46.8	58.3	66.3	71.3	71.6	67.2	59.8	48.5	35.6	23.0	11.6	3.77	0.20		634	

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:

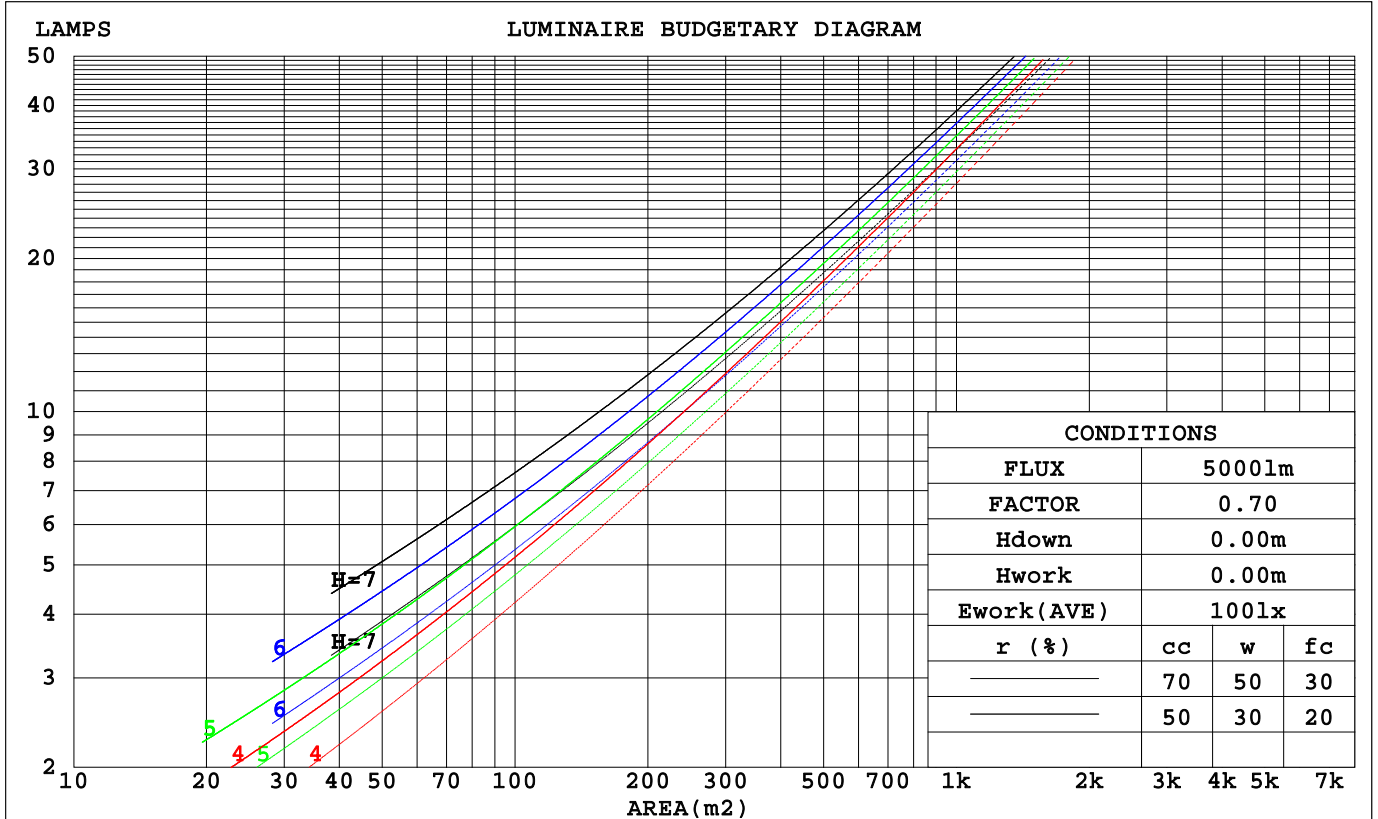
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:		Address:			
NAME: LED strip light		TYPE:		WEIGHT:1.6	
SPECIFICATION:3014-120-24v		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						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	1.00
1.0	1.03	.98	.94	1.00	.96	.92	.96	.93	.89	.92	.89	.87	.88	.86	.84	.82
2.0	.89	.82	.75	.87	.80	.75	.83	.78	.73	.80	.75	.71	.77	.73	.69	.67
3.0	.78	.69	.62	.76	.68	.62	.73	.66	.60	.70	.64	.59	.68	.63	.58	.56
4.0	.68	.59	.52	.67	.59	.52	.65	.57	.51	.62	.56	.50	.60	.54	.50	.47
5.0	.61	.52	.45	.60	.51	.44	.58	.50	.44	.56	.49	.43	.54	.48	.43	.41
6.0	.55	.45	.39	.54	.45	.39	.52	.44	.38	.50	.43	.38	.49	.42	.38	.35
7.0	.50	.40	.34	.49	.40	.34	.47	.39	.34	.46	.39	.34	.44	.38	.33	.31
8.0	.45	.36	.30	.44	.36	.30	.43	.35	.30	.42	.35	.30	.41	.34	.30	.28
9.0	.41	.33	.27	.41	.33	.27	.40	.32	.27	.38	.32	.27	.37	.31	.27	.25
10.0	.38	.30	.25	.38	.30	.25	.37	.29	.24	.36	.29	.24	.35	.29	.24	.22



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:3014-120-24v	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	.334	.190	.060	.327	.186	.059	.313	.180	.057	.301	.174	.056	.290	.168	.054	
2.0	.307	.168	.052	.301	.166	.051	.289	.161	.050	.278	.156	.049	.268	.152	.048	
3.0	.281	.150	.045	.276	.148	.044	.265	.144	.044	.256	.140	.043	.247	.137	.042	
4.0	.258	.134	.039	.253	.132	.039	.244	.129	.039	.235	.126	.038	.227	.123	.038	
5.0	.237	.121	.035	.233	.120	.035	.225	.117	.034	.217	.114	.034	.210	.112	.034	
6.0	.219	.110	.031	.215	.109	.031	.208	.107	.031	.201	.105	.031	.195	.103	.030	
7.0	.203	.101	.029	.200	.100	.028	.193	.098	.028	.187	.096	.028	.182	.094	.028	
8.0	.190	.093	.026	.186	.092	.026	.181	.090	.026	.175	.089	.026	.170	.087	.025	
9.0	.177	.086	.024	.175	.085	.024	.169	.084	.024	.164	.082	.024	.160	.081	.023	
10.0	.166	.080	.022	.164	.079	.022	.159	.078	.022	.155	.077	.022	.150	.076	.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	.182	.156	.132	.156	.134	.114	.106	.092	.079	.061	.053	.046	.020	.017	.015	
2.0	.174	.132	.096	.149	.113	.083	.102	.079	.058	.059	.046	.034	.019	.015	.011	
3.0	.167	.114	.073	.143	.099	.063	.098	.069	.044	.057	.040	.026	.018	.013	.009	
4.0	.159	.101	.057	.136	.087	.050	.094	.061	.035	.054	.036	.021	.017	.012	.007	
5.0	.151	.091	.046	.130	.079	.040	.090	.055	.028	.052	.032	.017	.017	.011	.006	
6.0	.144	.083	.038	.124	.071	.033	.085	.050	.024	.050	.029	.014	.016	.010	.005	
7.0	.137	.076	.033	.118	.066	.028	.082	.046	.020	.047	.027	.012	.015	.009	.004	
8.0	.131	.070	.028	.112	.061	.025	.078	.043	.017	.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:3014-120-24v	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	15.4	17.0	15.7	17.2	17.4	15.6	17.2	15.9	17.4	17.6
3H	17.0	18.5	17.3	18.7	18.9	17.4	18.8	17.7	19.1	19.3
4H	17.7	19.0	18.0	19.3	19.6	18.1	19.5	18.5	19.8	20.0
6H	18.2	19.5	18.5	19.7	20.0	18.8	20.1	19.1	20.4	20.6
8H	18.3	19.6	18.7	19.9	20.2	19.1	20.3	19.4	20.6	20.9
12H	18.4	19.7	18.8	20.0	20.3	19.3	20.6	19.7	20.9	21.2
4H 2H	16.1	17.5	16.4	17.8	18.0	16.3	17.7	16.6	17.9	18.2
3H	18.0	19.2	18.3	19.5	19.8	18.3	19.5	18.6	19.8	20.1
4H	18.8	19.9	19.1	20.2	20.5	19.2	20.3	19.5	20.6	20.9
6H	19.4	20.4	19.8	20.7	21.1	19.9	20.9	20.3	21.3	21.7
8H	19.6	20.5	20.0	20.9	21.3	20.3	21.2	20.7	21.6	22.0
12H	19.8	20.6	20.2	21.0	21.4	20.6	21.5	21.1	21.9	22.3
8H 4H	19.1	20.1	19.6	20.5	20.8	19.5	20.4	19.9	20.8	21.2
6H	20.0	20.8	20.4	21.2	21.6	20.5	21.3	20.9	21.7	22.1
8H	20.3	21.0	20.8	21.5	21.9	21.0	21.7	21.4	22.1	22.5
12H	20.6	21.2	21.1	21.7	22.1	21.4	22.0	21.9	22.5	23.0
12H 4H	19.2	20.1	19.6	20.4	20.9	19.5	20.4	20.0	20.8	21.2
6H	20.1	20.8	20.6	21.2	21.7	20.6	21.3	21.0	21.7	22.1
8H	20.5	21.1	21.0	21.6	22.1	21.1	21.7	21.6	22.2	22.6
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	+ 0.1 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 641.9 lm Total Lamp Luminous Flux.(8log(F/F0) = -1.5)

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:3014-120-24v	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	55	44	37	54	43	36	30
0.80	66	54	46	65	53	46	63	52	46	38
1.00	74	63	55	73	62	55	71	64	54	47
1.25	81	70	63	80	70	62	77	68	62	54
1.50	86	76	69	85	75	68	82	73	67	59
2.00	93	84	78	92	83	77	88	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	99	92	87	95	89	84	76
4.00	105	99	94	103	97	93	98	94	90	81
5.00	108	102	98	105	101	97	101	97	93	84
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

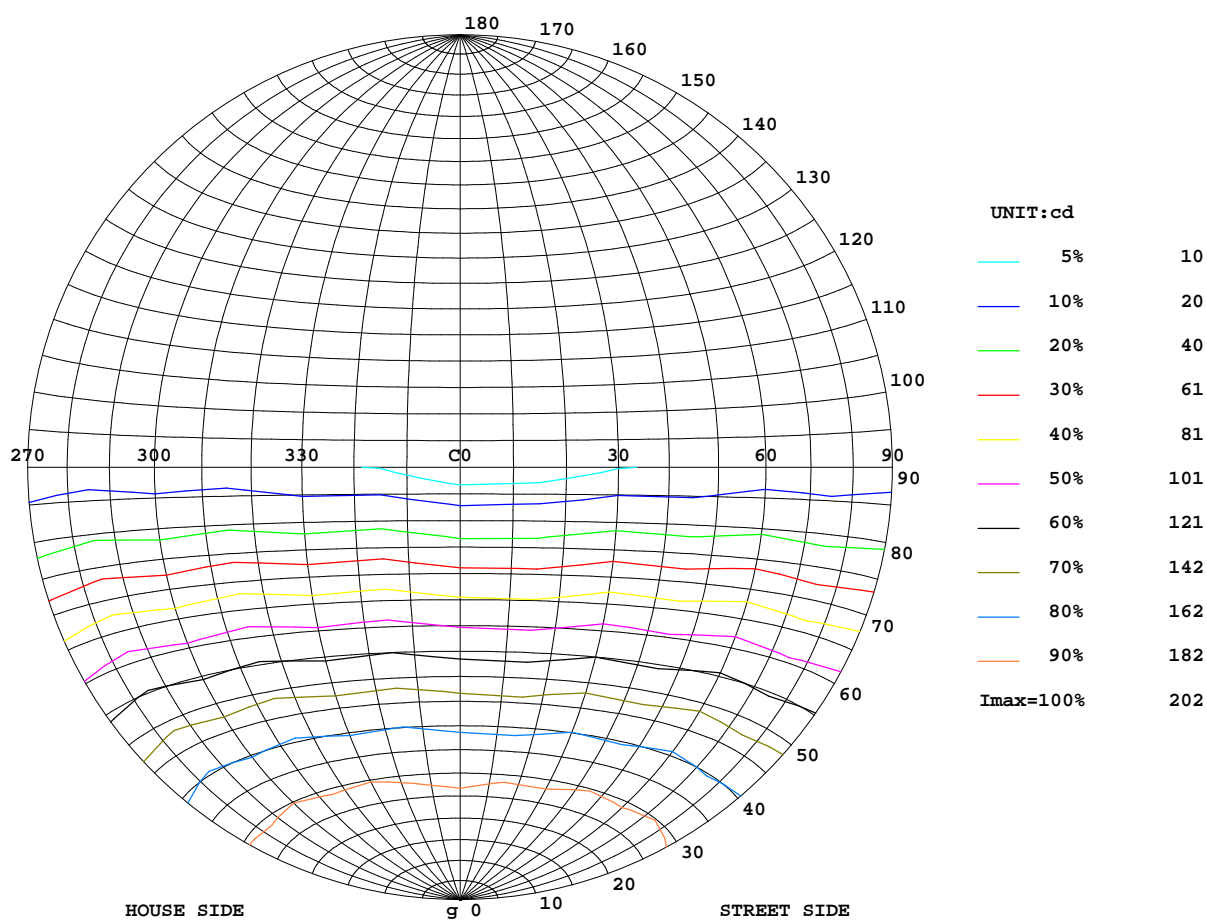
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:3014-120-24v	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:

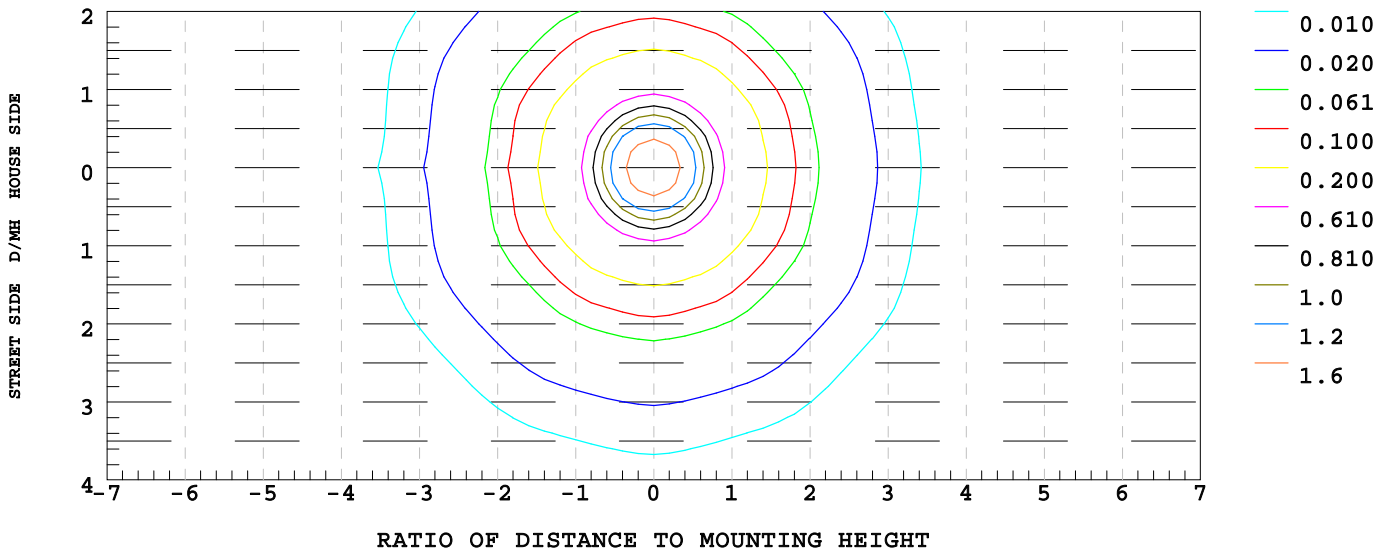
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:3014-120-24v	DIMENSION: 500*10mm	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 2.02 lx



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

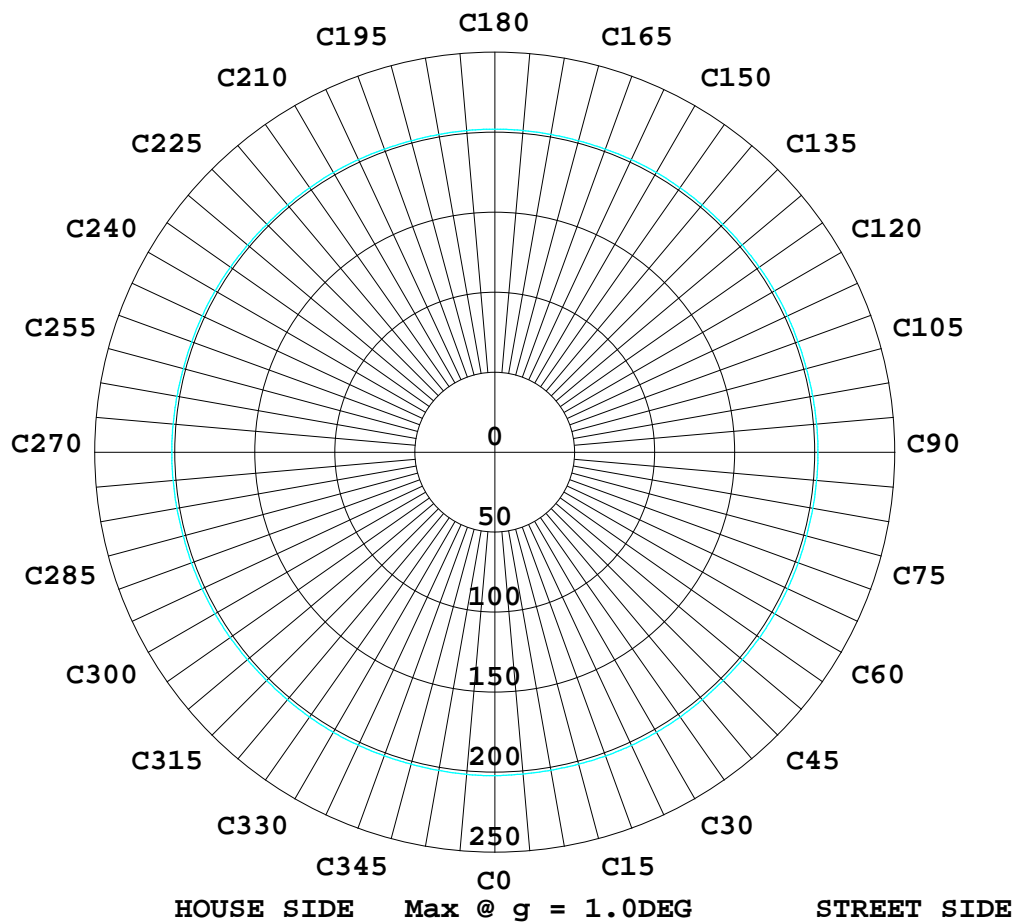
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LED strip light	TYPE:	WEIGHT:1.6
SPECIFICATION:3014-120-24v	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:3014-120-24v	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	202	202	202	202	202	202	202	202	202	202	202	202	202	202	202
5.0	202	201	202	202	202	202	202	201	202	201	201	201	201	201	201
10.0	200	199	200	200	201	200	201	200	200	199	199	198	198	198	199
15.0	196	196	197	197	198	197	198	197	197	195	195	194	194	194	195
20.0	191	191	193	192	194	192	193	192	192	190	190	189	188	189	190
25.0	184	188	186	189	188	189	187	189	186	187	183	184	181	184	183
30.0	176	179	179	181	180	182	179	180	178	178	175	175	172	175	175
35.0	167	169	170	171	171	172	170	171	169	168	167	164	165	164	167
40.0	158	158	162	161	163	161	163	160	161	157	157	153	153	153	157
45.0	146	145	149	148	151	148	150	147	148	144	145	139	140	139	145
50.0	132	131	136	134	138	135	137	133	135	130	131	125	126	125	131
55.0	116	115	121	119	123	119	122	118	120	115	116	109	110	109	116
60.0	99.5	98.5	105	103	107	103	106	102	104	98.4	99.7	92.5	93.3	92.5	99.7
65.0	82.6	81.7	88.5	86.4	90.8	87.2	90.2	85.6	87.8	82.2	83.3	75.9	76.4	75.9	83.3
70.0	64.2	63.9	70.9	68.9	73.0	69.3	72.2	67.8	70.1	64.8	65.7	58.3	58.3	58.3	65.7
75.0	45.7	46.0	52.7	50.6	54.5	51.0	53.9	49.7	51.8	46.8	47.9	41.0	40.3	41.0	47.9
80.0	28.8	29.8	35.5	33.7	37.6	35.0	37.6	33.9	35.3	30.5	31.3	25.4	24.1	25.4	31.3
85.0	13.9	15.1	19.9	19.5	23.2	21.5	23.7	20.8	21.7	17.4	17.0	11.8	10.8	11.8	17.0
90.0	4.35	5.69	9.79	11.1	13.9	13.8	15.0	13.5	13.4	10.5	9.15	5.18	3.58	5.18	9.15

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:3014-120-24v		DIMENSION: 500*10mm	SERIAL No.:

UNIT: cd

C(DEG) g (DEG)	225	240	255	270	285	300	315	330	345
0.0	202	202	202	202	202	202	202	202	202
5.0	201	202	201	202	202	202	202	202	201
10.0	199	200	200	201	200	201	200	200	199
15.0	195	197	197	198	197	198	197	197	196
20.0	190	192	192	193	192	194	192	193	191
25.0	187	186	189	187	189	188	189	186	188
30.0	178	178	180	179	182	180	181	179	179
35.0	168	169	171	170	172	171	171	170	169
40.0	157	161	160	163	161	163	161	162	158
45.0	144	148	147	150	148	151	148	149	145
50.0	130	135	133	137	135	138	134	136	131
55.0	115	120	118	122	119	123	119	121	115
60.0	98.4	104	102	106	103	107	103	105	98.5
65.0	82.2	87.8	85.6	90.2	87.2	90.8	86.4	88.5	81.7
70.0	64.8	70.1	67.8	72.2	69.3	73.0	68.9	70.9	63.9
75.0	46.8	51.8	49.7	53.9	51.0	54.5	50.6	52.7	46.0
80.0	30.5	35.3	33.9	37.6	35.0	37.6	33.7	35.5	29.8
85.0	17.4	21.7	20.8	23.7	21.5	23.2	19.5	19.9	15.1
90.0	10.5	13.4	13.5	15.0	13.8	13.9	11.1	9.79	5.69

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: