

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

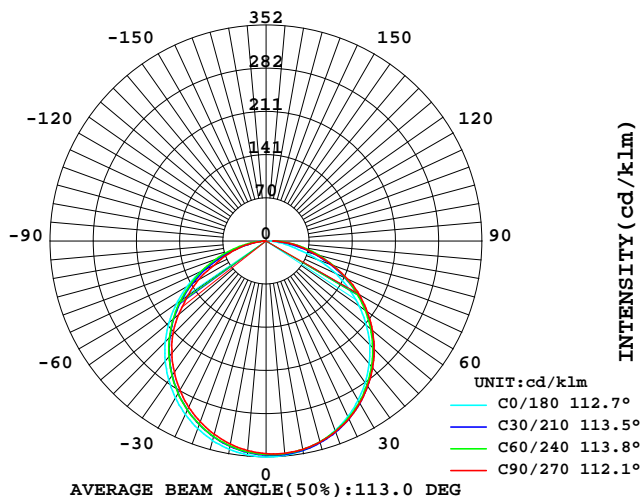
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: TLY-MB-A-12XK-OD-01

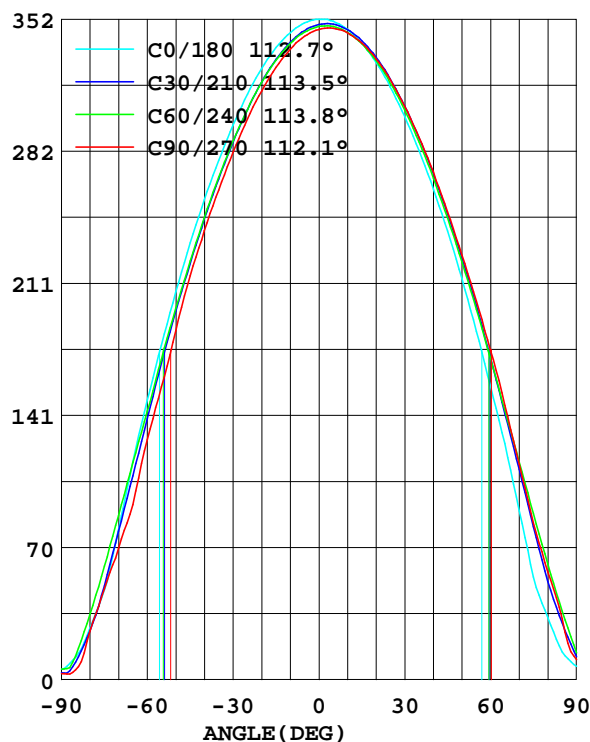
MANUFACTURER: LEDBOX		
NAME: 12W panel light	TYPE: panel light	WEIGHT:
SPECIFICATION: 12W panel light	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd/klm)	351.9	S/MH(C0/180)	1.25
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.21
NOMINAL POWER(W)	12	TOTAL FLUX(lm/klm)	999.99	Voltage(V)	220.1
RATED VOLTAGE(V)	220.0	EFFICIENCY(lm/W)	81.3	Current(A)	0.113
NOMINAL FLUX(lm)	759.7	η up(%)	0.0	Power(W)	12.30
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.514
TEST VOLTAGE(V)	220.1	Effective Flux(lm)	982.9	EEI	0.162

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:LMX
 Test Date:20170310

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.800 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

Color Temperature Data List

Report number: TLY-MB-A-12XK-OD-01

MANUFACTURER: TALOYA		
Address: jiangxilianhua		
NAME: 12W panel light	TYPE: panel light	WEIGHT:
SPECIFICATION: 12W panel light	DIMENSION:	SERIAL No.:

Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:LMX
Test Date:20170310

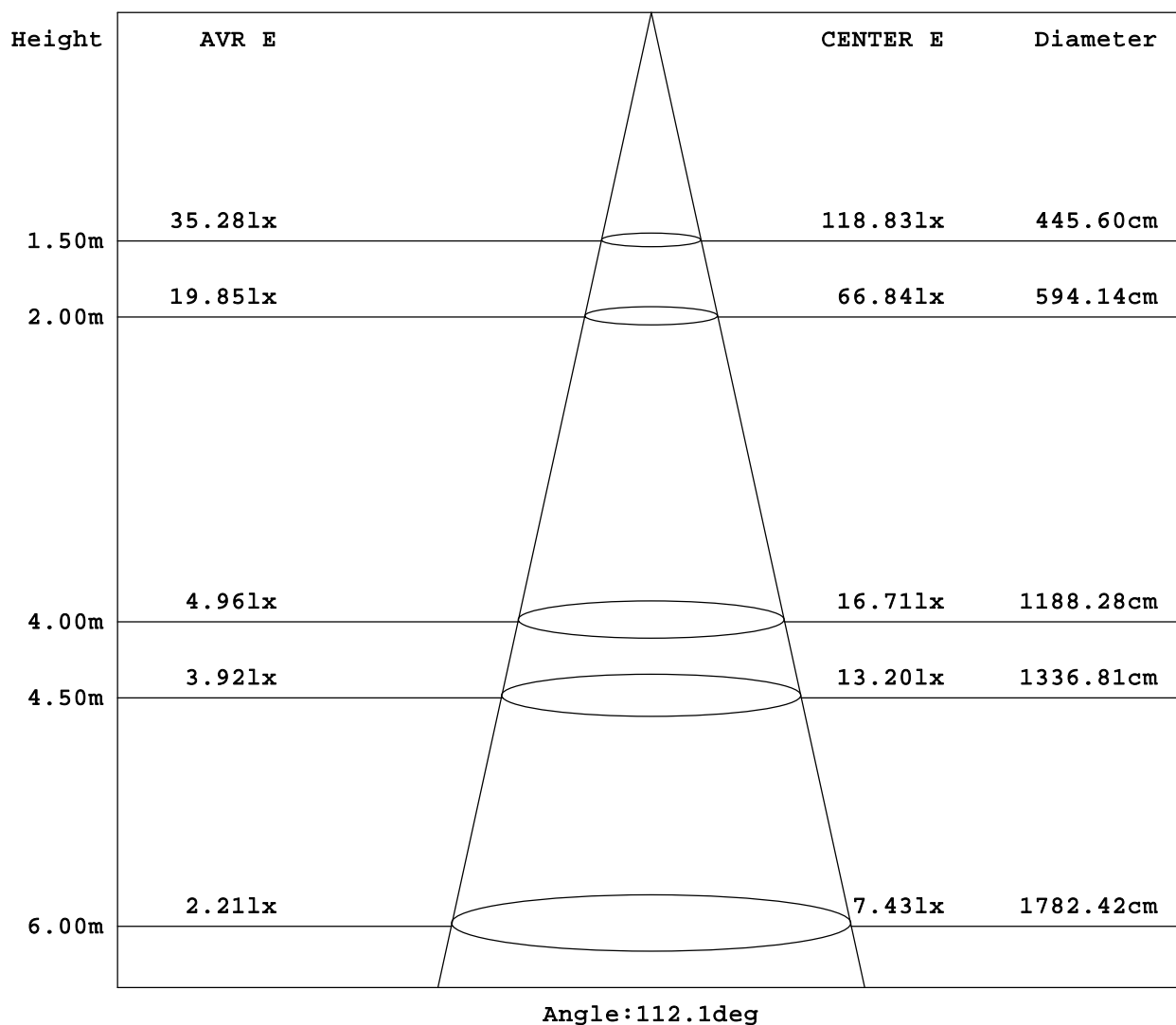
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number: TLY-MB-A-12XK-OD-01

MANUFACTURER: TALOYA		
Address: jiangxilianhua		
NAME: 12W panel light	TYPE: panel light	WEIGHT:
SPECIFICATION: 12W panel light	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900
 Temperature: 25.3DEG
 Operators: LMX
 Test Date: 20170310

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 9.800 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number: TLY-MB-A-12XK-OD-01

MANUFACTURER: TALOYA		
Address: jiangxilianhua		
NAME: 12W panel light	TYPE: panel light	WEIGHT:
SPECIFICATION: 12W panel light	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	349.9	345.3	342.8	343.1	350.8	348.6	347.1	345.2	0- 5	8.298	8.298
10.0	344.7	339.3	336.0	337.3	346.5	345.6	344.7	341.6	5- 10	24.61	32.90
15.0	336.9	330.2	326.2	328.6	339.3	339.6	339.3	335.0	10- 15	40.08	72.99
20.0	325.6	318.3	313.5	316.9	328.8	330.7	330.7	325.3	15- 20	54.18	127.1
25.0	311.8	303.7	298.7	302.7	315.6	318.8	319.7	312.8	20- 25	66.45	193.6
30.0	295.5	286.7	281.0	286.0	300.2	304.6	305.4	297.9	25- 30	76.51	270.1
35.0	276.6	267.2	260.8	266.6	281.9	287.5	288.8	280.2	30- 35	83.97	354.1
40.0	255.6	245.8	239.1	245.5	261.3	268.3	270.4	260.6	35- 40	88.68	442.8
45.0	232.8	222.4	215.2	222.4	239.0	247.0	249.1	239.1	40- 45	90.51	533.3
50.0	206.6	197.0	185.8	197.4	213.6	223.5	226.1	215.4	45- 50	89.20	622.5
55.0	178.1	169.5	156.0	170.7	185.5	198.4	201.7	190.0	50- 55	84.74	707.2
60.0	149.0	141.0	127.8	142.7	156.5	171.2	175.4	162.8	55- 60	77.48	784.7
65.0	116.3	112.1	93.17	113.6	125.7	142.6	146.1	134.5	60- 65	67.52	852.2
70.0	79.77	83.12	69.78	84.89	89.75	113.9	114.7	106.0	65- 70	55.19	907.4
75.0	47.91	55.24	48.41	57.14	54.73	85.01	83.43	77.68	70- 75	41.60	949.0
80.0	27.55	30.46	25.91	31.98	33.12	57.01	57.39	50.18	75- 80	28.08	977.1
85.0	11.88	10.93	5.183	13.02	14.79	33.31	32.48	27.55	80- 85	15.96	993.1
90.0	5.562	4.614	3.160	4.614	7.079	13.21	10.74	9.797	85- 90	6.866	999.9
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/klm									UNIT:lm/klm	

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:LMX
 Test Date:20170310

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.800 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

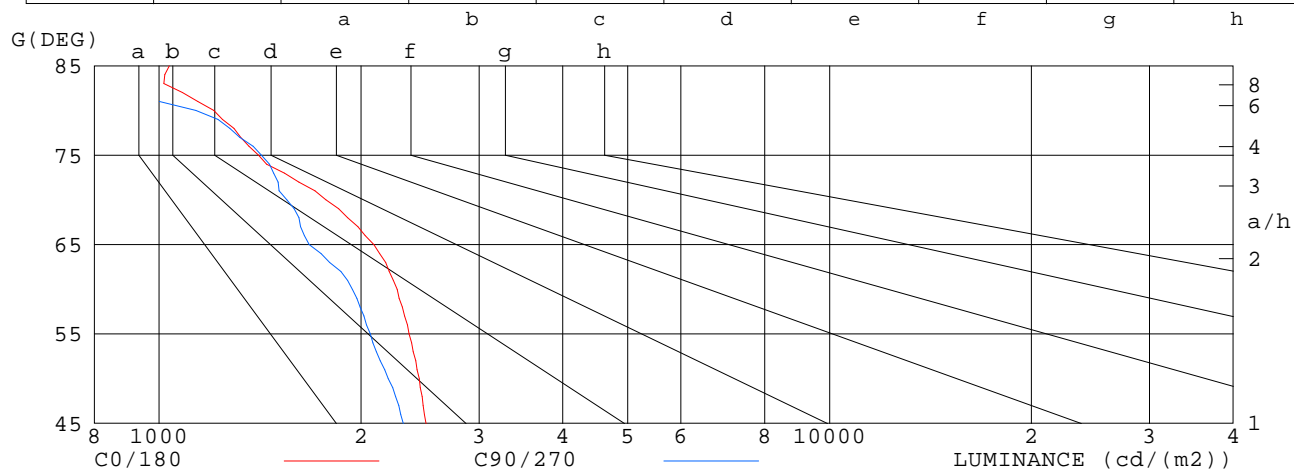
LUMINANCE LIMITATION CURVES

Report number: TLY-MB-A-12XK-OD-01

MANUFACTURER: TALOYA		
Address: jiangxilianhua		
NAME: 12W panel light	TYPE: panel light	WEIGHT:
SPECIFICATION: 12W panel light	DIMENSION:	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	1036	452
80	1206	1134
75	1406	1421
70	1772	1550
65	2091	1675
60	2265	1942
55	2359	2066
50	2443	2196
45	2502	2313

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:LMX
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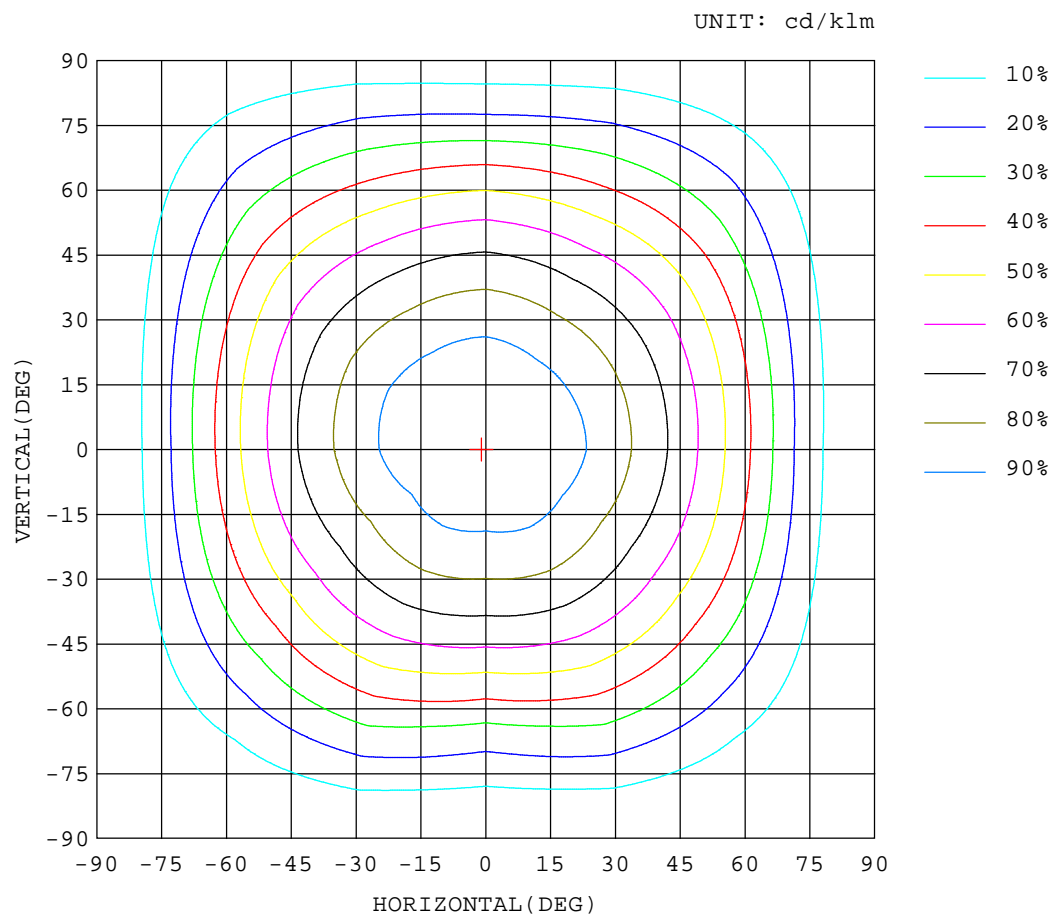
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HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number: TLY-MB-A-12XK-OD-01

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Address: jiangxilianhua		
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SPECIFICATION: 12W panel light	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
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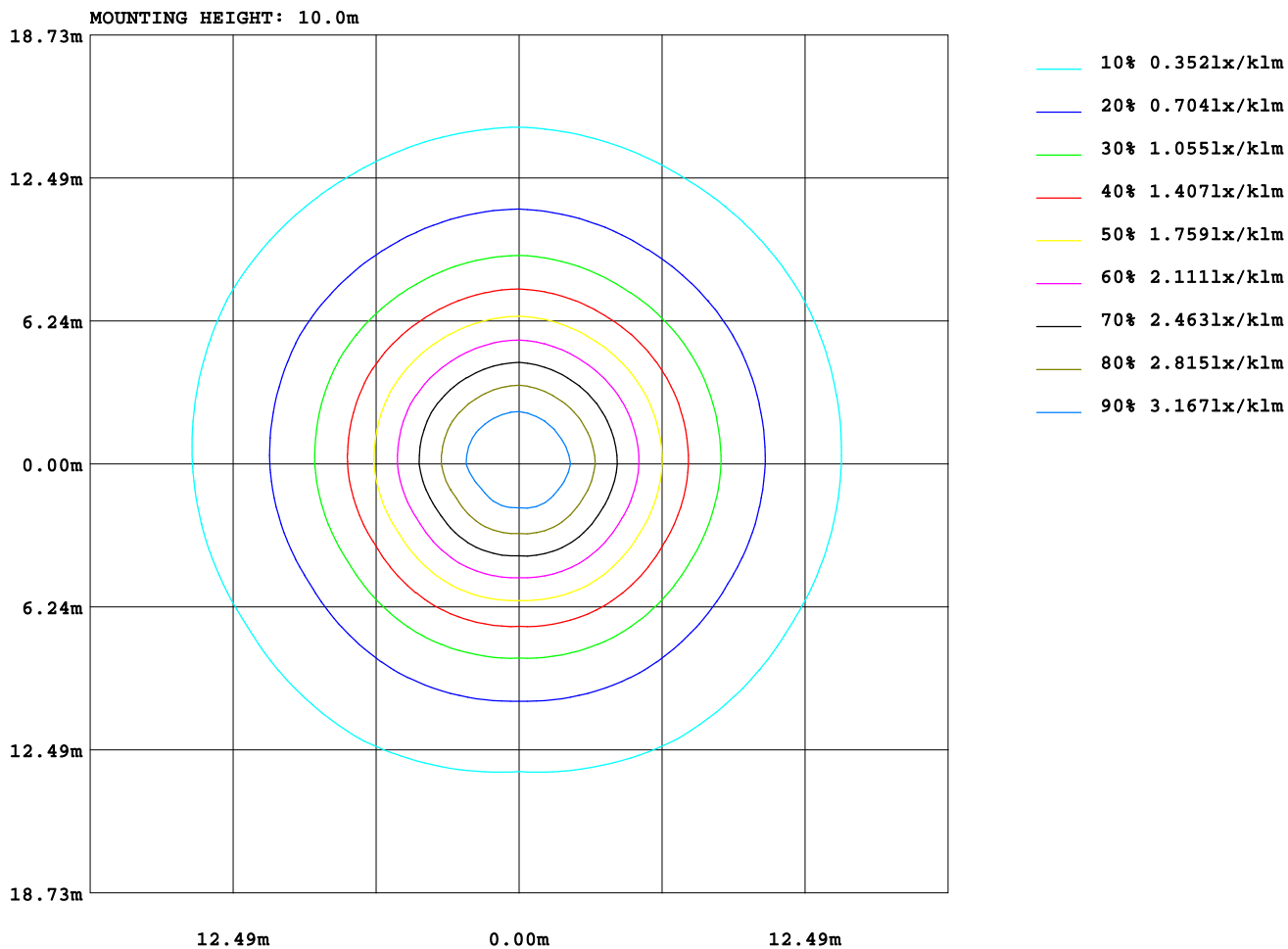
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number: TLY-MB-A-12XK-OD-01

MANUFACTURER: TALOYA		
Address: jiangxilianhua		
NAME: 12W panel light	TYPE: panel light	WEIGHT:
SPECIFICATION: 12W panel light	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:LMX
Test Date:20170310

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number: TLY-MB-A-12XK-OD-01

MANUFACTURER: TALOYA		
Address: jiangxilianhua		
NAME: 12W panel light	TYPE: panel light	WEIGHT:
SPECIFICATION: 12W panel light	DIMENSION:	SERIAL No.:

90	AREA FLUX DIAGRAM																		UNIT:lm/klm				Φ t	Φ a
	0.02	0.10	0.23	0.40	0.59	0.79	0.94	0.99	1.00	0.98	0.93	0.84	0.68	0.48	0.31	0.17	0.07	0.02	9.53	4.53				
80	0.03	0.16	0.42	0.82	1.29	1.79	2.20	2.45	2.57	2.54	2.37	2.07	1.64	1.14	0.68	0.33	0.12	0.02	22.7	21.5				
70	0.04	0.22	0.65	1.33	2.11	2.89	3.57	4.09	4.38	4.35	3.99	3.42	2.72	1.94	1.18	0.55	0.17	0.03	37.6	37.1				
60	0.04	0.29	0.89	1.86	2.93	3.98	4.91	5.63	6.04	6.01	5.52	4.74	3.79	2.73	1.69	0.79	0.24	0.03	52.1	51.8				
50	0.05	0.35	1.12	2.33	3.68	4.98	6.11	6.98	7.48	7.43	6.85	5.92	4.78	3.47	2.15	1.00	0.30	0.04	65.0	64.8				
40	0.05	0.41	1.33	2.72	4.31	5.82	7.13	8.11	8.68	8.63	7.97	6.94	5.61	4.09	2.55	1.21	0.35	0.04	76.0	75.8				
30	0.05	0.45	1.49	3.01	4.76	6.48	7.94	9.00	9.60	9.55	8.85	7.73	6.25	4.56	2.85	1.37	0.39	0.04	84.4	84.2				
VERTICAL (DEG)	0.06	0.48	1.59	3.19	5.03	6.87	8.48	9.62	10.2	10.1	9.46	8.27	6.67	4.86	3.05	1.47	0.42	0.04	89.9	89.8				
	0.06	0.48	1.63	3.26	5.14	7.02	8.69	9.92	10.5	10.4	9.78	8.54	6.87	4.99	3.12	1.51	0.42	0.05	92.4	92.3				
	0.06	0.47	1.60	3.20	5.05	6.89	8.51	9.70	10.3	10.3	9.71	8.46	6.79	4.93	3.08	1.49	0.41	0.04	91.1	91.0				
	0.05	0.45	1.50	3.01	4.76	6.48	8.00	9.20	9.85	9.87	9.24	8.01	6.43	4.68	2.92	1.40	0.39	0.04	86.3	86.1				
	0.05	0.40	1.34	2.72	4.30	5.88	7.36	8.49	9.02	9.03	8.51	7.37	5.88	4.25	2.64	1.26	0.35	0.04	78.9	78.7				
	0.04	0.34	1.13	2.32	3.71	5.18	6.50	7.46	7.90	7.90	7.47	6.50	5.17	3.68	2.26	1.06	0.30	0.04	69.0	68.8				
	0.04	0.28	0.89	1.85	3.04	4.30	5.41	6.16	6.50	6.50	6.17	5.40	4.27	3.00	1.80	0.83	0.24	0.03	56.7	56.4				
	0.03	0.21	0.63	1.35	2.28	3.28	4.15	4.63	4.79	4.78	4.61	4.11	3.24	2.25	1.30	0.59	0.18	0.03	42.4	41.9				
	0.03	0.14	0.40	0.85	1.49	2.20	2.77	3.00	3.00	3.00	2.98	2.73	2.16	1.45	0.81	0.36	0.12	0.02	27.5	26.5				
	0.02	0.09	0.21	0.42	0.75	1.14	1.44	1.54	1.51	1.51	1.52	1.41	1.10	0.71	0.39	0.18	0.07	0.02	14.0	10.9				
-30	0.02	0.05	0.08	0.13	0.21	0.32	0.37	0.35	0.29	0.29	0.33	0.34	0.28	0.19	0.11	0.06	0.04	0.01	3.47	0.00				
-40																								
-50																								
-60																								
-70																								
-80																								
-90																								
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90				
Φ t	0.74	5.36	17.1	34.8	55.5	76.3	94.5	107	114	113	106	92.8	74.3	53.4	32.9	15.6	4.59	0.57	1000					
Φ a	0.00	4.01	16.1	33.8	54.5	75.4	93.7	107	113	113	106	92.0	73.4	52.4	31.9	14.5	3.06	0.00		983				

Test System:HOP00 HPG1900
 Temperature:25.3DEG
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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 Remarks:

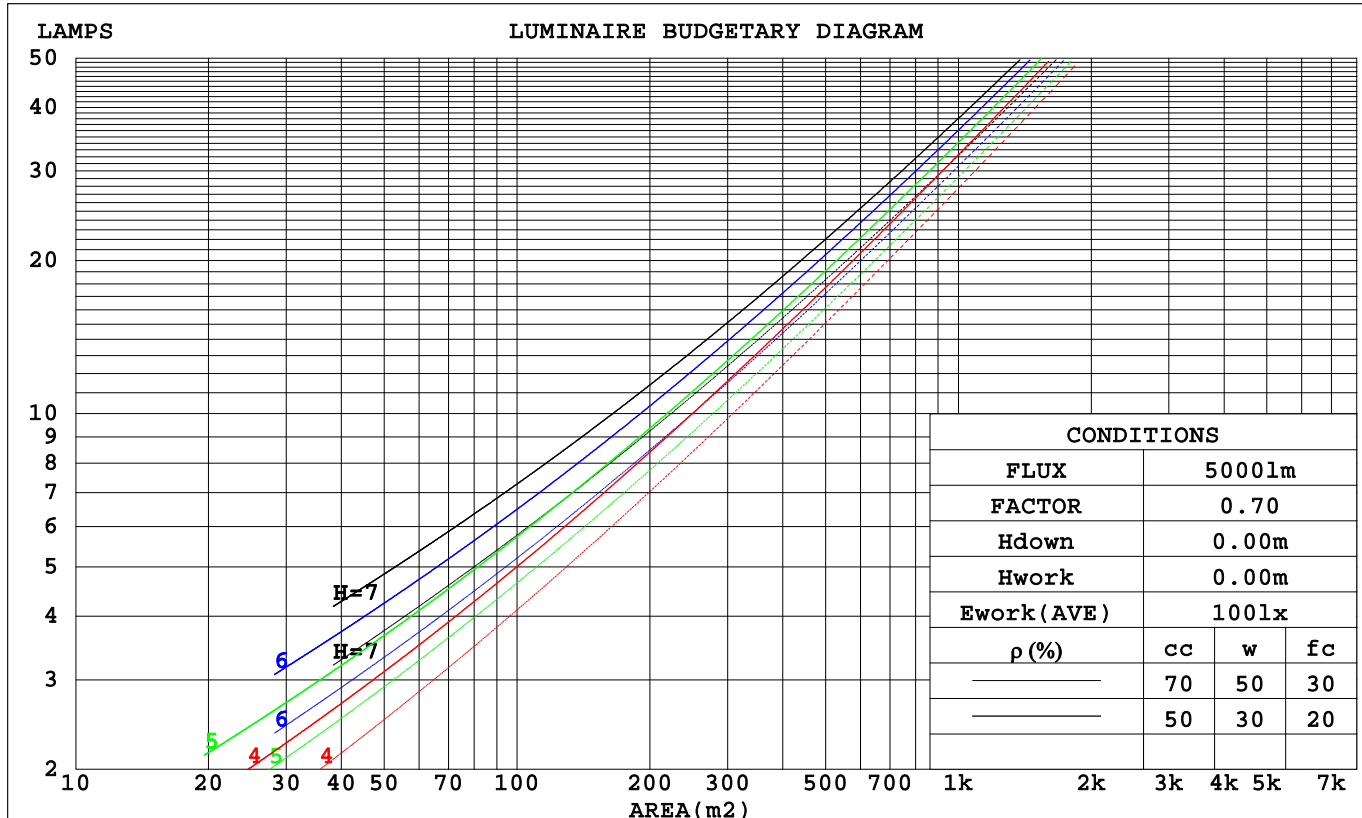
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number: TLY-MB-A-12XK-OD-01

MANUFACTURER: TALOYA		
Address: jiangxilianhua		
NAME: 12W panel light	TYPE: panel light	WEIGHT:
SPECIFICATION: 12W panel light	DIMENSION:	SERIAL No.:

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



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HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number: TLY-MB-A-12XK-OD-01

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SPECIFICATION: 12W panel light	DIMENSION:	SERIAL No.:

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.314	.178	.057	.307	.175	.056	.293	.168	.054	.281	.162	.052	.270	.156	.050		
2.0	.294	.161	.049	.288	.158	.049	.276	.153	.048	.265	.149	.047	.255	.144	.045		
3.0	.271	.144	.043	.266	.142	.043	.255	.138	.042	.246	.135	.041	.237	.131	.041		
4.0	.250	.130	.038	.245	.128	.038	.236	.125	.037	.228	.122	.037	.220	.119	.036		
5.0	.231	.118	.034	.227	.116	.034	.219	.114	.034	.211	.111	.033	.204	.109	.033		
6.0	.214	.107	.031	.210	.106	.031	.203	.104	.030	.196	.102	.030	.190	.100	.030		
7.0	.199	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.178	.092	.027		
8.0	.186	.091	.026	.183	.090	.025	.177	.089	.025	.172	.087	.025	.167	.086	.025		
9.0	.174	.084	.024	.172	.084	.023	.166	.082	.023	.162	.081	.023	.157	.080	.023		
10.0	.164	.079	.022	.161	.078	.022	.157	.077	.022	.152	.076	.022	.148	.075	.021		

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	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	.134	.155	.134	.115	.106	.092	.080	.061	.053	.046	.019	.017	.015		
2.0	.173	.132	.098	.148	.114	.085	.101	.079	.059	.058	.046	.035	.019	.015	.011		
3.0	.165	.114	.074	.141	.099	.064	.097	.069	.045	.056	.040	.027	.018	.013	.009		
4.0	.157	.101	.058	.135	.087	.051	.093	.061	.036	.054	.036	.021	.017	.012	.007		
5.0	.150	.091	.047	.129	.078	.041	.089	.055	.029	.051	.032	.017	.017	.010	.006		
6.0	.142	.082	.039	.122	.071	.034	.084	.050	.024	.049	.029	.014	.016	.010	.005		
7.0	.136	.075	.033	.117	.065	.029	.081	.046	.020	.047	.027	.012	.015	.009	.004		
8.0	.129	.070	.029	.111	.060	.025	.077	.042	.018	.045	.025	.011	.014	.008	.003		
9.0	.123	.065	.025	.106	.056	.022	.073	.039	.016	.043	.023	.009	.014	.008	.003		
10.0	.117	.060	.022	.101	.052	.020	.070	.037	.014	.041	.022	.008	.013	.007	.003		

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:LMX
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Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.800 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

Uncorrected UGR Table

Report number: TLY-MB-A-12XK-OD-01

MANUFACTURER: TALOYA										
Address: jiangxilianhua										
NAME: 12W panel light					TYPE: panel light			WEIGHT:		
SPECIFICATION: 12W panel light					DIMENSION:			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	16.5	18.0	16.8	18.2	18.4	16.2	17.7	16.5	17.9	18.1
3H	17.8	19.2	18.1	19.4	19.6	17.4	18.8	17.7	19.0	19.3
4H	18.1	19.5	18.5	19.7	20.0	17.9	19.2	18.2	19.5	19.7
6H	18.4	19.6	18.7	19.9	20.2	18.2	19.4	18.5	19.7	20.0
8H	18.4	19.6	18.8	19.9	20.2	18.2	19.4	18.5	19.7	20.0
12H	18.4	19.6	18.8	19.9	20.2	18.2	19.3	18.5	19.6	19.9
4H 2H	17.0	18.4	17.3	18.6	18.9	16.8	18.1	17.1	18.4	18.7
3H	18.4	19.6	18.8	19.9	20.2	18.3	19.4	18.6	19.7	20.0
4H	18.9	20.0	19.3	20.3	20.7	18.9	20.0	19.3	20.3	20.6
6H	19.2	20.2	19.6	20.6	20.9	19.3	20.2	19.7	20.6	21.0
8H	19.3	20.2	19.8	20.6	21.0	19.3	20.2	19.8	20.6	21.0
12H	19.4	20.2	19.8	20.6	21.0	19.3	20.2	19.8	20.6	21.0
8H 4H	19.1	20.0	19.6	20.4	20.8	19.1	20.0	19.5	20.4	20.8
6H	19.6	20.3	20.0	20.7	21.1	19.7	20.4	20.1	20.8	21.3
8H	19.7	20.4	20.2	20.8	21.2	19.8	20.5	20.3	20.9	21.4
12H	19.8	20.4	20.3	20.8	21.3	19.9	20.4	20.3	20.9	21.4
12H 4H	19.2	20.0	19.6	20.4	20.8	19.1	19.9	19.5	20.3	20.7
6H	19.6	20.3	20.1	20.7	21.1	19.7	20.4	20.2	20.8	21.2
8H	19.8	20.3	20.3	20.8	21.3	19.9	20.5	20.4	20.9	21.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
1.5H	+ 0.2 / - 0.3					+ 0.3 / - 0.5				
2.0H	+ 0.3 / - 0.4					+ 0.2 / - 0.5				

CIE Pub.117 Corrected 1000 lm Total Lamp Luminous Flux.(8log(F/F0) = 0.0)

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:LMX
 Test Date:20170310

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.800 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Report number: TLY-MB-A-12XK-OD-01

MANUFACTURER: TALOYA		
Address: jiangxilianhua		
NAME: 12W panel light	TYPE: panel light	WEIGHT:
SPECIFICATION: 12W panel light	DIMENSION:	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) $k(RI) \times RCR = 5$									
$k = 0.60$	57	46	39	57	45	39	55	45	38	32
0.80	67	56	48	66	55	48	65	54	48	41
1.00	76	65	57	75	64	57	72	65	56	49
1.25	83	72	65	81	72	65	79	70	64	57
1.50	88	78	71	86	77	70	83	75	69	62
2.00	95	86	80	93	85	79	89	83	77	69
2.50	99	91	85	97	89	84	93	87	82	74
3.00	102	95	90	100	94	88	96	91	86	78
4.00	106	100	96	104	99	94	99	95	92	83
5.00	108	104	99	106	102	98	102	98	95	86
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:LMX
 Test Date:20170310

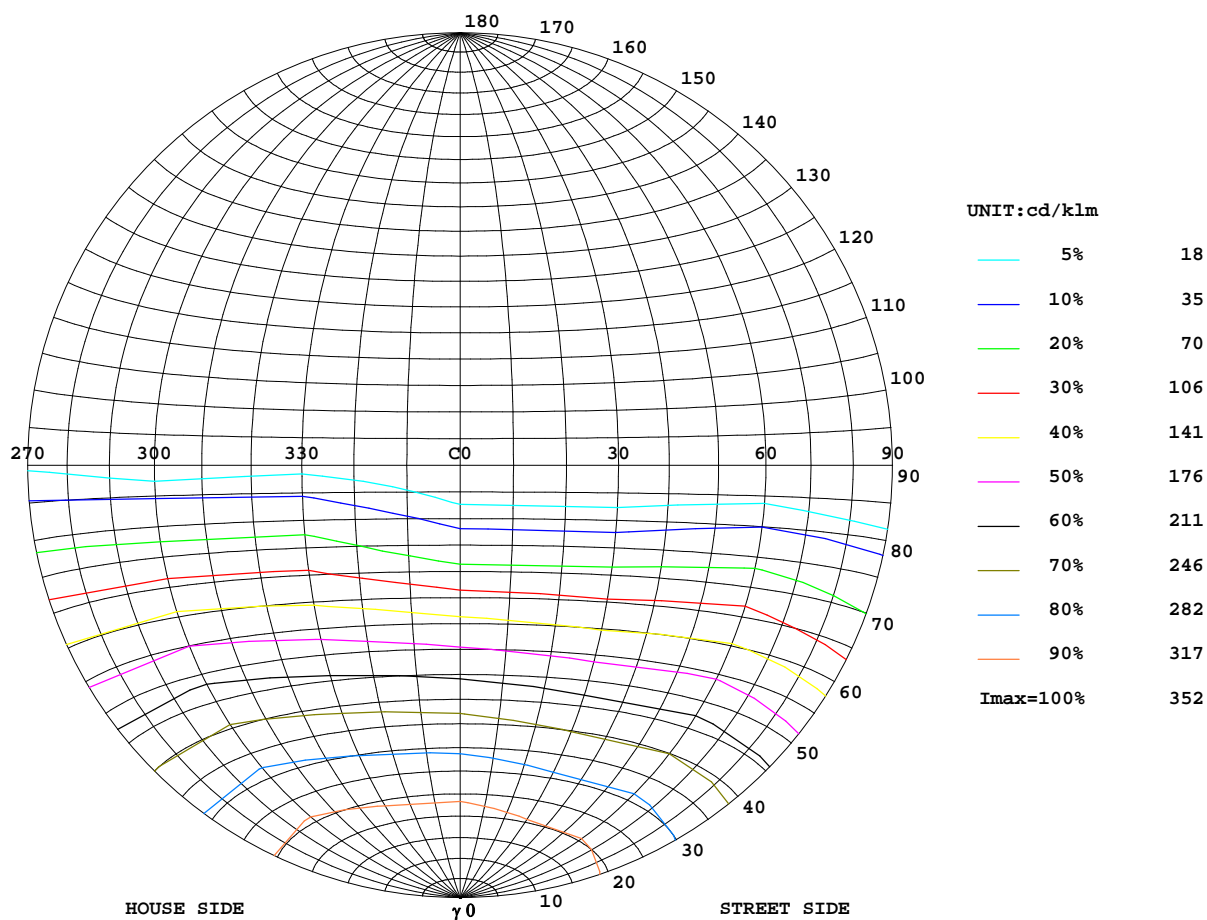
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.800 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number: TLY-MB-A-12XK-OD-01

MANUFACTURER: TALOYA		
Address: jiangxilianhua		
NAME: 12W panel light	TYPE: panel light	WEIGHT:
SPECIFICATION: 12W panel light	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:LMX
Test Date:20170310

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks:

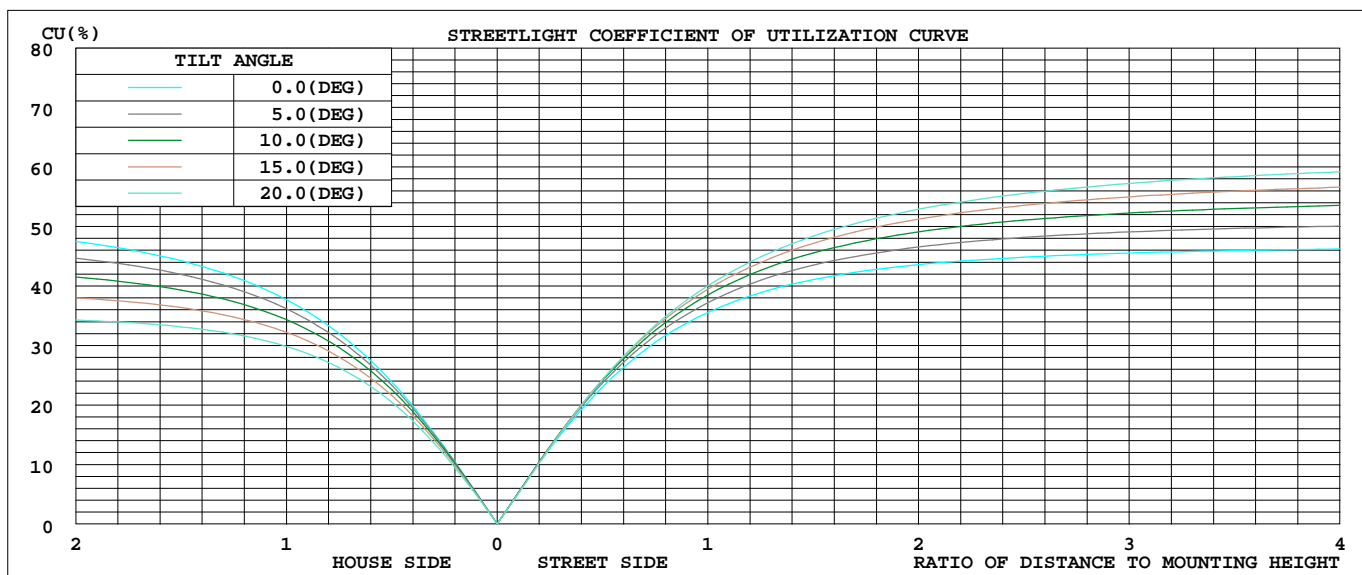
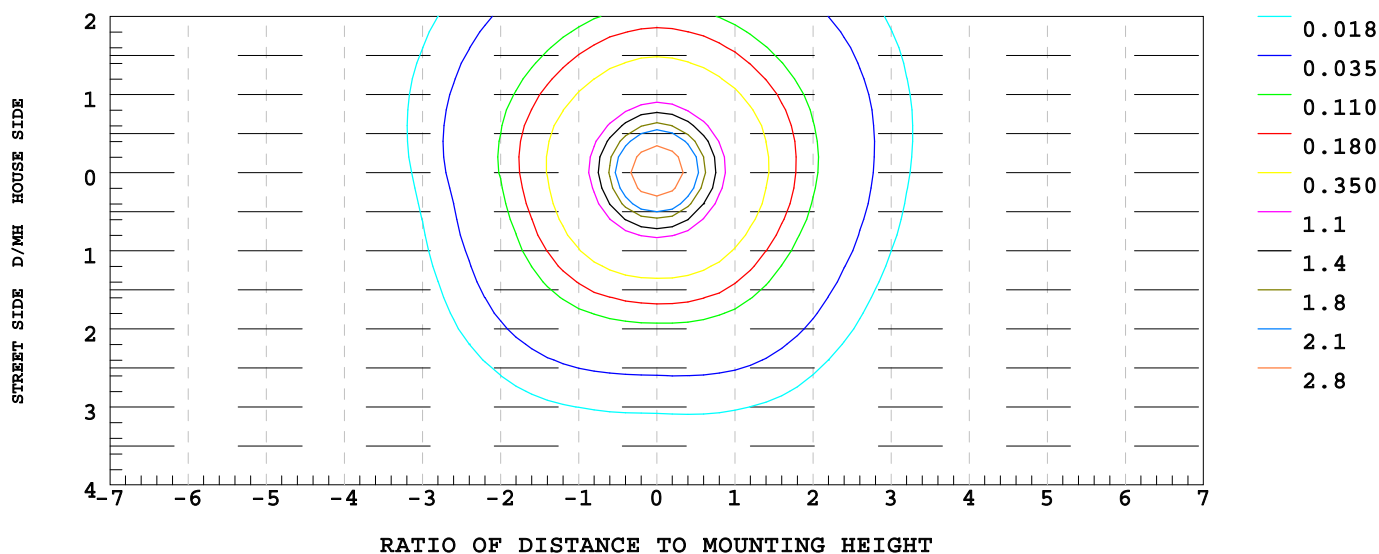
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number: TLY-MB-A-12XK-OD-01

MANUFACTURER: TALOYA		
Address: jiangxilianhua		
NAME: 12W panel light	TYPE: panel light	WEIGHT:
SPECIFICATION: 12W panel light	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m,Enadir = 3.52 lx/klm



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:LMX
Test Date:20170310

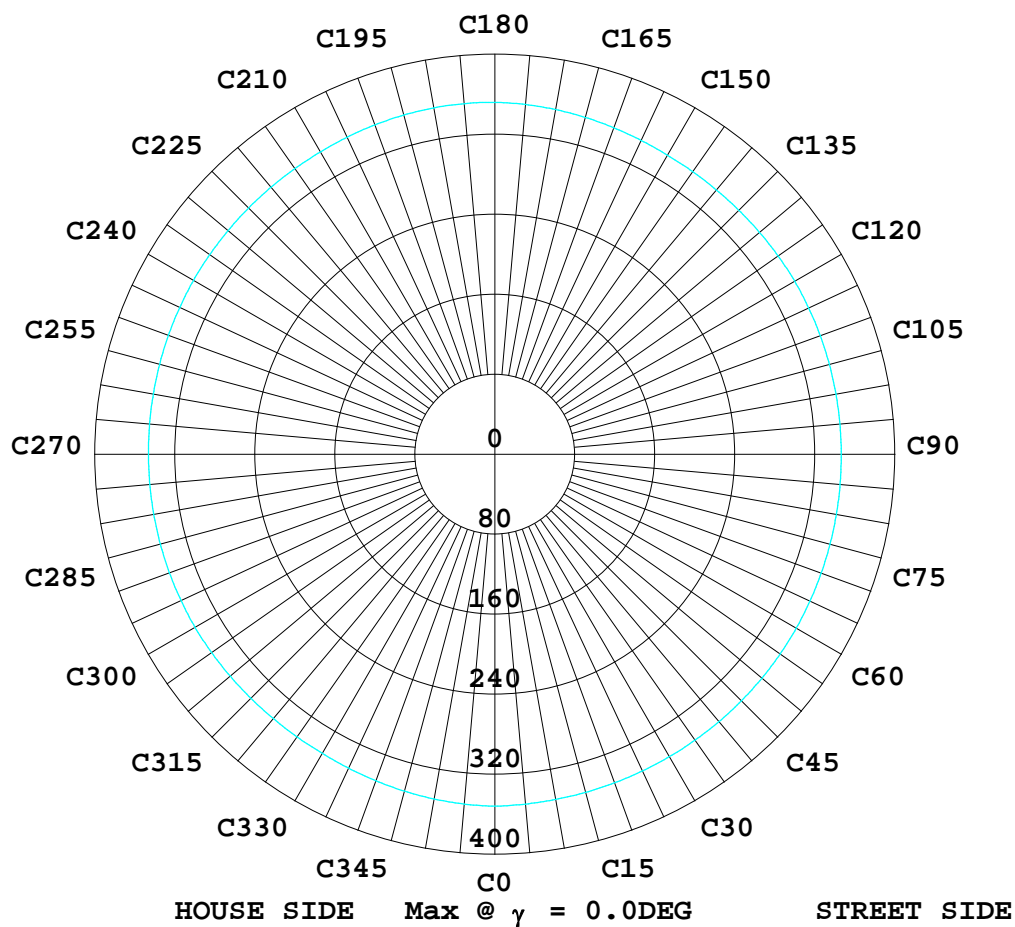
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number: TLY-MB-A-12XK-OD-01

MANUFACTURER: TALOYA		
Address: jiangxilianhua		
NAME: 12W panel light	TYPE: panel light	WEIGHT:
SPECIFICATION: 12W panel light	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:LMX
Test Date:20170310

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:9.800 m
Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: TLY-MB-A-12XK-OD-01

MANUFACTURER: TALOYA		
Address: jiangxilianhua		
NAME: 12W panel light	TYPE: panel light	WEIGHT:
SPECIFICATION: 12W panel light	DIMENSION:	SERIAL No.:

UNIT: cd/klm

C(DEG)	0	30	60	90	120	150	180	210	240	270	300	330
γ (DEG)												
0.0	352	349	348	346	346	345	352	349	348	346	346	345
5.0	350	346	345	343	343	343	351	349	348	347	346	345
10.0	345	340	339	336	338	337	347	346	345	345	342	341
15.0	337	330	330	326	329	328	339	340	339	339	336	335
20.0	326	318	318	314	317	317	329	332	330	331	326	325
25.0	312	304	304	299	303	303	316	320	318	320	313	312
30.0	296	286	287	281	286	286	300	306	304	305	299	297
35.0	277	267	268	261	267	266	282	288	287	289	281	280
40.0	256	246	246	239	246	246	261	270	267	270	261	260
45.0	233	222	223	215	223	222	239	248	246	249	240	238
50.0	207	196	198	186	198	197	214	224	223	226	216	215
55.0	178	169	171	156	172	170	186	199	197	202	191	189
60.0	149	139	143	128	145	141	157	171	171	175	165	161
65.0	116	109	116	93.1	117	110	126	142	144	146	138	131
70.0	79.7	79.0	87.2	69.7	88.7	81.0	89.7	112	116	115	110	102
75.0	47.9	49.9	60.5	48.4	61.9	52.3	54.7	81.4	88.6	83.4	82.9	72.4
80.0	27.5	26.0	34.8	25.9	36.5	27.4	33.1	52.3	61.6	57.3	56.3	43.9
85.0	11.8	9.35	12.5	5.18	14.5	11.5	14.7	30.2	36.4	32.4	31.8	23.2
90.0	5.56	3.66	5.56	3.16	5.68	3.53	7.07	12.1	14.2	10.7	11.2	8.34

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:LMX
 Test Date:20170310

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.800 m
 Remarks: