

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

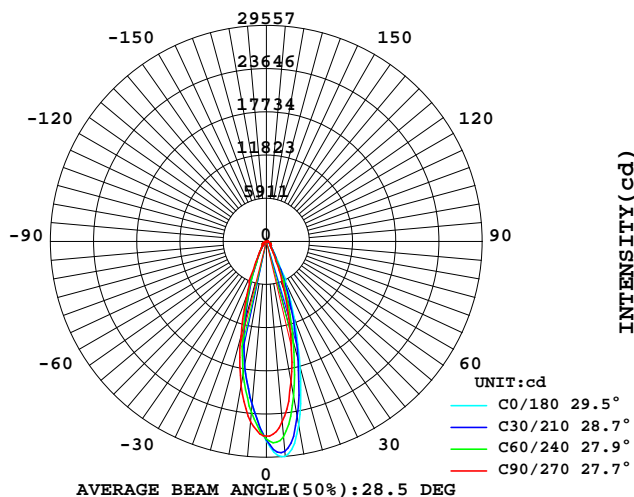
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

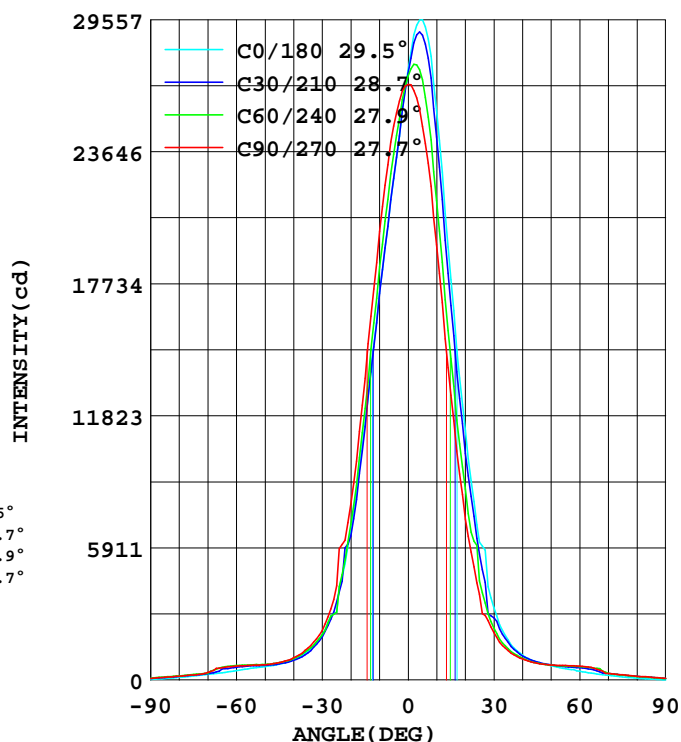
MANUFACTURER:		
Address:		
NAME: 72W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1452*67mm	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	29557	S/MH(C0/180)	0.44
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.51
NOMINAL POWER(W)	74	TOTAL FLUX(lm)	11100	Voltage(V)	219.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	150.7	Current(A)	0.350
NOMINAL FLUX(lm)	11100.1	h up(%)	0.9	Power(W)	73.66
LAMPS QUANTITY	1	h down(%)	99.1	Power Factor(PF)	0.956
TEST VOLTAGE(V)	219.7	Effective Flux(lm)	7904.0	EEI	0.127

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月08日

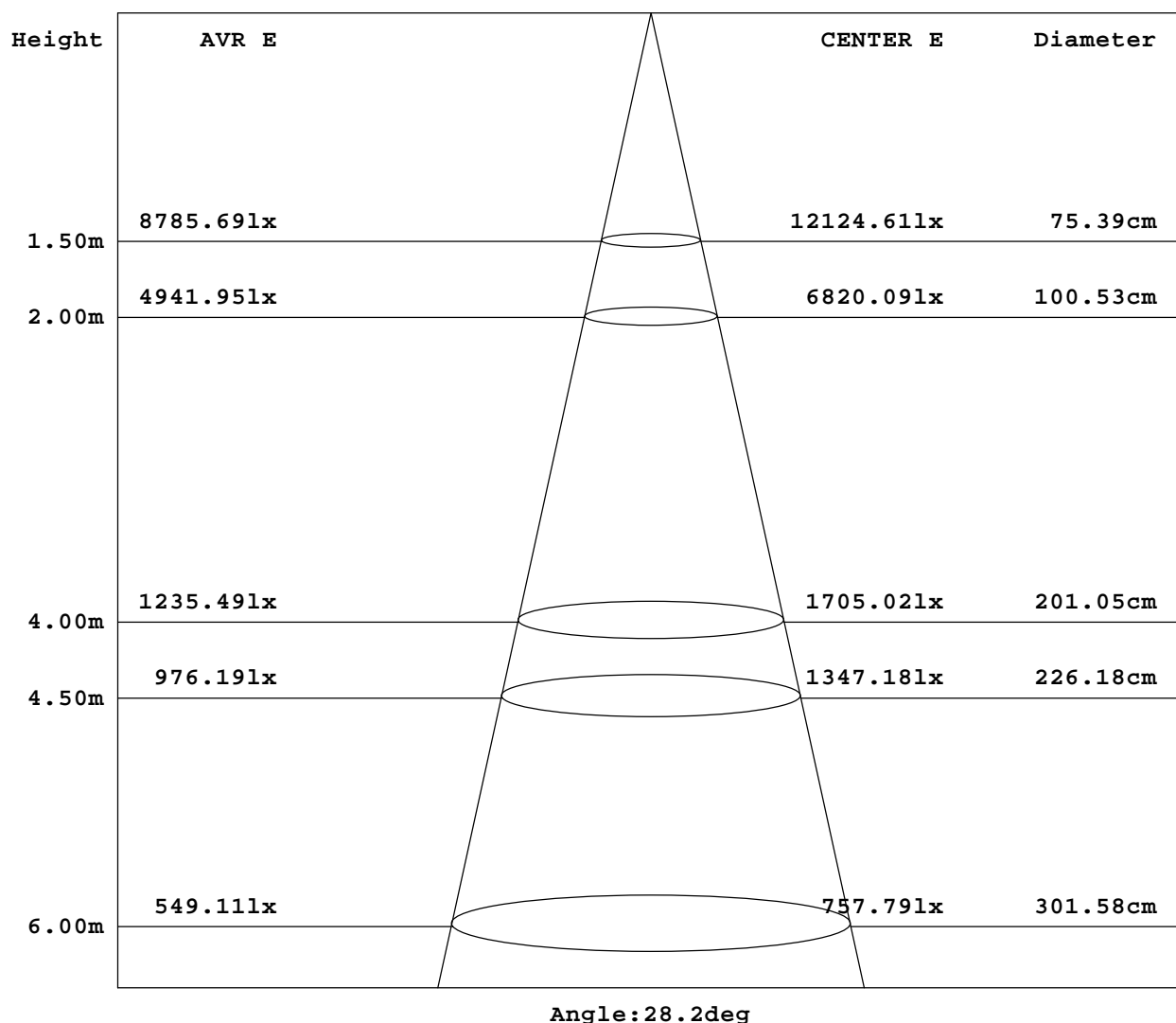
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: 72W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1452*67mm	SERIAL No.:



Test System: HOPOO HPG1800  
Temperature: 25.3DEG  
Operators:  
Test Date: 2021年04月08日

Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity: 65.0%  
Test Distance: 11.000 m  
Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 72W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1452*67mm	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	Total
5.0	2242	2300	2480	2755	2956	2787	2477	2198	0- 5	620.3	620.3
10.0	1739	1790	2008	2466	2549	2288	1948	1674	5- 10	1635	2256
15.0	1151	1174	1351	1765	1792	1557	1274	1068	10- 15	2024	4279
20.0	669.7	669.7	785.9	1103	1118	934.2	720.5	589.3	15- 20	1782	6061
25.0	303.8	326.7	421.4	629.6	617.4	503.0	383.7	316.0	20- 25	1309	7370
30.0	204.0	197.9	221.4	325.4	324.7	256.2	212.1	183.8	25- 30	837.4	8207
35.0	128.1	128.0	142.0	181.8	177.6	153.6	131.0	117.1	30- 35	549.7	8757
40.0	90.75	92.05	98.96	114.8	110.3	102.2	93.62	83.11	35- 40	393.9	9151
45.0	70.55	74.60	77.73	82.76	80.54	78.38	74.82	66.81	40- 45	316.7	9468
50.0	59.73	67.77	68.31	67.13	63.55	67.01	66.81	58.54	45- 50	281.6	9749
55.0	51.77	65.54	65.71	58.09	50.21	60.74	64.52	51.84	50- 55	267.8	10017
60.0	42.03	61.02	62.16	49.71	39.29	57.40	62.14	44.28	55- 60	258.1	10275
65.0	32.71	53.24	55.02	39.48	28.95	48.49	52.99	33.38	60- 65	234.5	10510
70.0	25.00	29.02	33.82	26.22	20.27	29.61	28.78	23.49	65- 70	176.9	10687
75.0	17.68	23.02	22.64	18.89	13.51	21.87	22.97	17.09	70- 75	121.7	10808
80.0	11.52	17.58	16.97	13.22	8.392	15.93	16.89	11.96	75- 80	91.28	10900
85.0	6.734	12.65	12.54	8.186	3.830	11.31	12.36	7.085	80- 85	63.81	10963
90.0	2.838	7.134	6.710	4.036	1.011	6.589	7.412	3.377	85- 90	39.63	11003
95.0	1.314	5.059	5.161	2.469	0.334	5.010	6.154	1.925	90- 95	22.45	11026
100.0	0.915	4.435	4.726	1.854	0.237	4.611	5.706	1.755	95-100	17.21	11043
105.0	0.745	4.320	4.629	1.697	0.225	4.320	5.137	1.852	100-105	16.14	11059
110.0	0.298	4.151	4.181	1.867	0	4.193	4.798	1.804	105-110	14.75	11074
115.0	0.104	4.042	4.157	1.618	0	3.764	4.532	1.489	110-115	13.56	11087
120.0	0	3.449	3.830	1.383	0.092	3.383	3.963	1.471	115-120	11.77	11099
125.0	0	0	0	0	0	0	0	0	120-125	1.073	11100
130.0	0	0	0	0	0	0	0	0	125-130	0	11100
135.0	0	0	0	0	0	0	0	0	130-135	0	11100
140.0	0	0	0	0	0	0	0	0	135-140	0	11100
145.0	0	0	0	0	0	0	0	0	140-145	0	11100
150.0	0	0	0	0	0	0	0	0	145-150	0	11100
155.0	0	0	0	0	0	0	0	0	150-155	0	11100
160.0	0	0	0	0	0	0	0	0	155-160	0	11100
165.0	0	0	0	0	0	0	0	0	160-165	0	11100
170.0	0	0	0	0	0	0	0	0	165-170	0	11100
175.0	0	0	0	0	0	0	0	0	170-175	0	11100
180.0	0	0	0	0	0	0	0	0	175-180	0	11100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月08日

Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

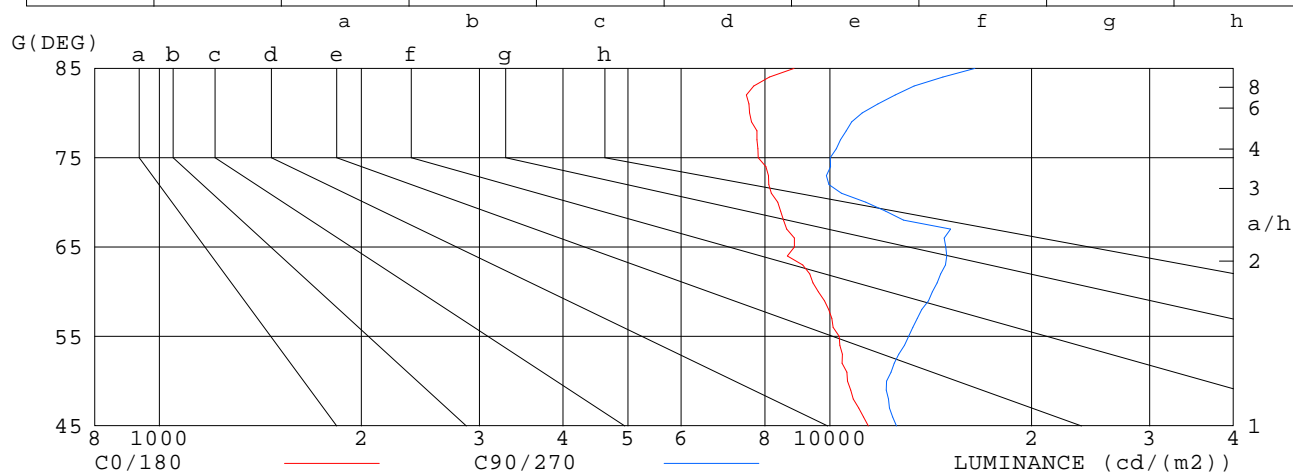
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: 72W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1452*67mm	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	8840	16464
80	7594	11181
75	7817	10010
70	8364	11314
65	8855	14895
60	9617	14223
55	10326	13106
50	10631	12158
45	11414	12577

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月08日

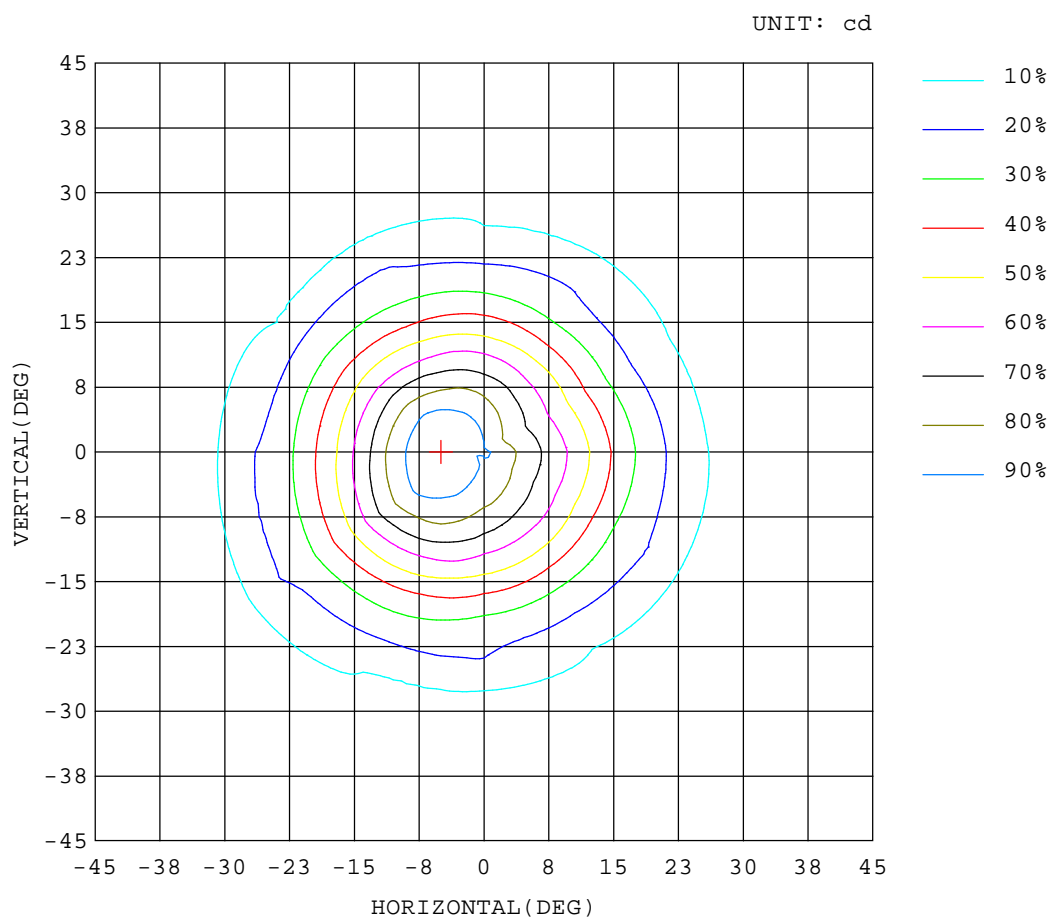
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 72W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1452*67mm	SERIAL No.:



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年04月08日

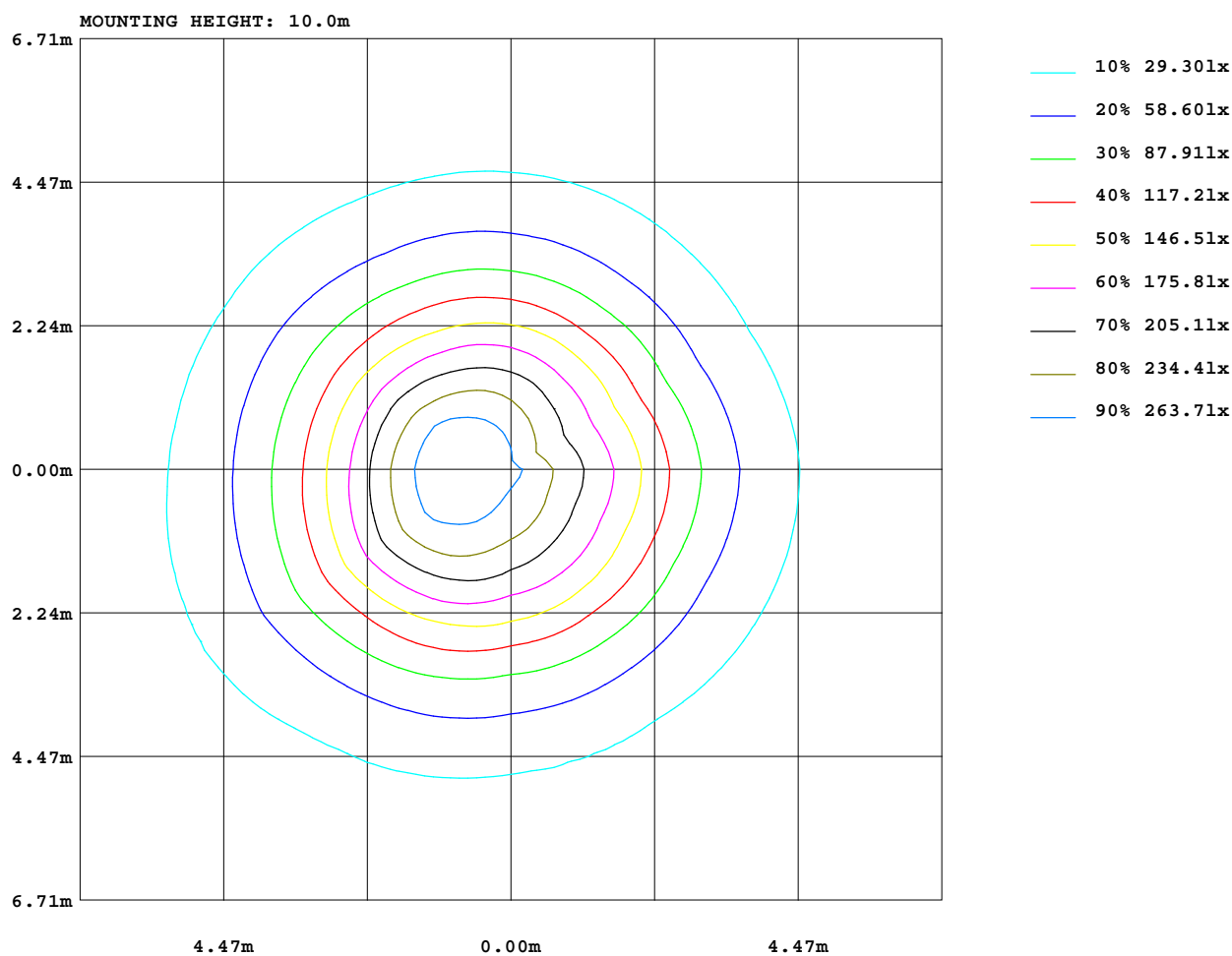
Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:11.000 m  
Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 72W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1452*67mm	SERIAL No.:



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年04月08日

Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:11.000 m  
Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## AREA LUMINOUS FLUX

Report number:

MANUFACTURER:																	
Address:																	
NAME: 72W									TYPE:						WEIGHT:		
SPECIFICATION:									DIMENSION: 1452*67mm						SERIAL No.:		

45	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	3.26	3.70	4.14	4.59	5.01	5.45	5.87	6.19	6.33	6.24	5.91	5.46	4.97	4.51	4.09	3.63	3.12	2.56	85.1	0.00		
40	3.39	3.95	4.55	5.21	5.96	6.77	7.54	8.10	8.37	8.20	7.63	6.84	5.95	5.16	4.50	3.93	3.36	2.77	102	0.00		
35	3.61	4.33	5.18	6.30	7.67	9.11	10.6	11.9	12.6	12.2	11.0	9.45	7.78	6.36	5.22	4.33	3.64	2.99	135	0.00		
30	3.88	4.84	6.17	8.10	10.6	13.7	17.3	20.4	21.3	20.4	17.9	14.4	11.0	8.32	6.31	4.92	3.96	3.25	197	24.4		
25	4.17	5.47	7.59	11.0	15.8	22.4	32.4	39.8	42.1	39.5	32.9	23.6	16.5	11.3	7.86	5.70	4.39	3.51	327	214		
20	4.48	6.24	9.47	15.2	23.3	40.5	56.7	69.8	76.0	70.2	55.7	40.5	24.7	15.5	9.88	6.76	4.91	3.77	534	442		
15	4.81	7.07	11.5	19.4	37.1	62.3	90.2	114	124	114	87.6	59.3	36.0	20.2	12.6	8.00	5.47	4.03	818	741		
VERTICAL (DEG)	5.07	7.81	13.6	26.0	49.5	84.5	128	165	176	156	120	81.2	49.2	26.9	15.5	9.22	5.98	4.25	1124	1057		
	5.24	8.31	15.1	31.3	57.5	100	155	203	211	178	141	101	61.5	32.9	17.3	10.1	6.36	4.42	1340	1278		
	5.27	8.44	15.5	33.1	59.6	104	161	207	208	184	146	104	63.2	34.2	17.6	10.2	6.40	4.44	1372	1312		
	5.16	8.16	14.7	31.0	55.2	94.7	144	178	181	161	128	89.0	53.9	30.0	16.2	9.49	6.10	4.34	1210	1148		
	4.92	7.53	13.0	25.4	47.0	73.5	104	129	134	121	95.9	66.1	42.0	23.0	13.5	8.35	5.65	4.18	918	850		
-15	4.58	6.69	10.7	18.8	33.4	48.8	66.8	80.6	83.4	75.8	61.0	43.5	27.2	17.0	10.6	7.11	5.16	3.99	606	528		
-20	4.20	5.81	8.57	13.1	20.0	28.7	38.3	46.5	48.8	44.7	35.3	24.4	17.7	12.3	8.50	6.09	4.70	3.81	372	269		
-25	3.81	5.01	6.73	9.23	12.7	17.0	20.1	23.1	23.9	22.3	19.3	15.5	12.0	9.18	6.89	5.35	4.35	3.69	221	51.7		
-30	3.44	4.36	5.49	6.92	8.66	10.6	12.5	13.8	13.9	13.2	12.1	10.5	8.77	7.10	5.78	4.81	4.12	3.63	150	0.00		
-35	3.12	3.87	4.66	5.55	6.52	7.48	8.31	8.90	9.07	8.85	8.34	7.56	6.70	5.85	5.09	4.47	4.00	3.59	112	0.00		
-40	2.87	3.51	4.13	4.74	5.34	5.88	6.31	6.57	6.66	6.58	6.36	6.02	5.61	5.15	4.70	4.31	3.93	3.49	92.2	0.00		
-45																						
-45    -40    -35    -30    -25    -20    -15    -10    HORIZONTAL (DEG)    10    15    20    25    30    35    40    45																						
Φ t	75.3	105	161	275	462	736	1066	1332	1387	1241	993	709	456	275	173	117	85.6	66.8	11100			
Φ a	0.00	0.00	7.96	156	361	650	983	1252	1310	1160	910	619	354	147	7.42	0.00	0.00	0.00		7904		

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月08日

Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

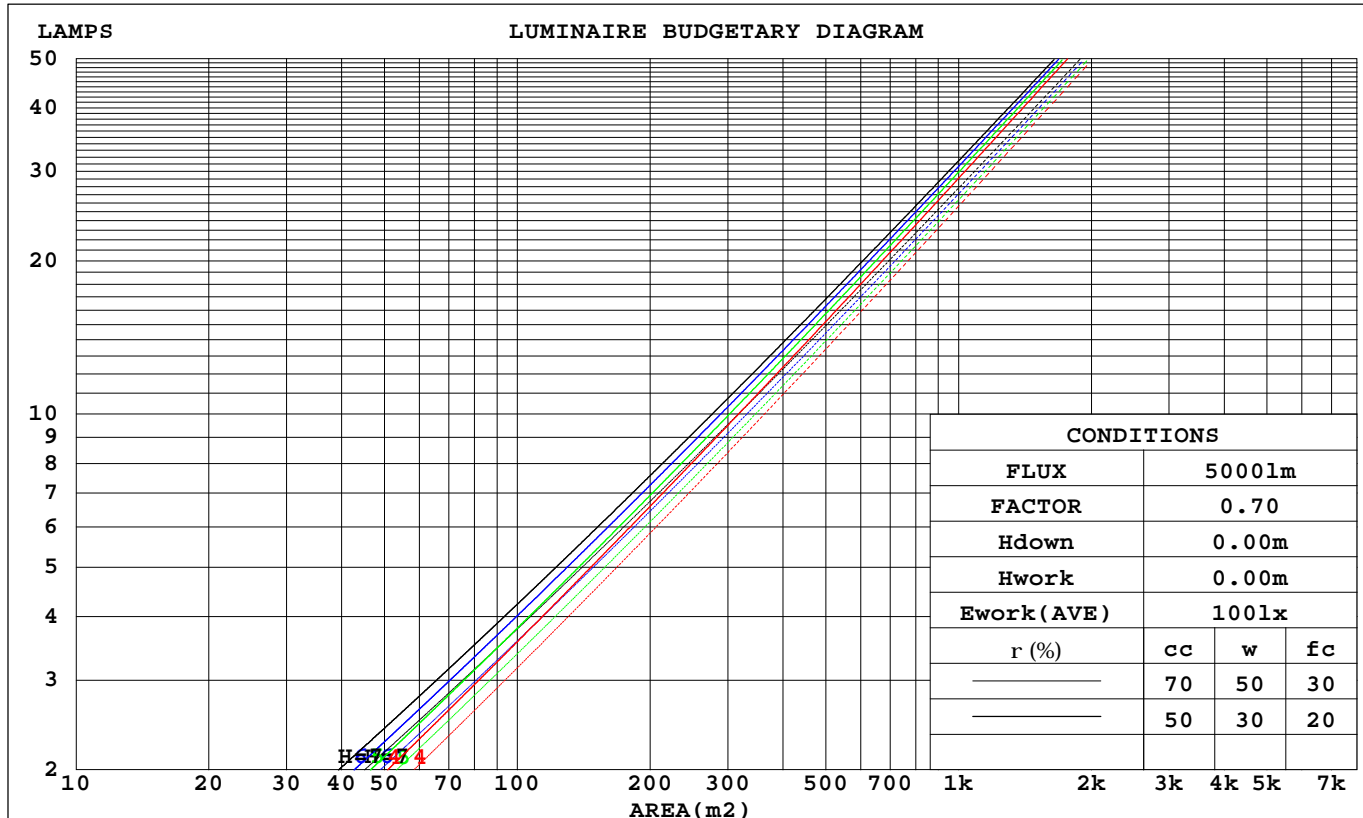
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 72W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1452*67mm	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															



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月08日

Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:



# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## WEC AND CCEC

Report number:

MANUFACTURER:														
Address:														
NAME: 72W								TYPE:				WEIGHT:		
SPECIFICATION:								DIMENSION: 1452*67mm				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	.196	.111	.035	.189	.108	.034	.176	.101	.032	.164	.094	.030	.152	.088	.028															
2.0	.182	.100	.031	.176	.097	.030	.165	.092	.028	.154	.087	.027	.145	.082	.026															
3.0	.169	.090	.027	.164	.088	.026	.154	.084	.025	.145	.080	.024	.137	.076	.024															
4.0	.157	.082	.024	.153	.080	.024	.145	.077	.023	.137	.074	.022	.130	.071	.021															
5.0	.147	.075	.022	.143	.074	.021	.136	.071	.021	.129	.068	.020	.123	.066	.020															
6.0	.138	.069	.020	.135	.068	.020	.128	.066	.019	.123	.064	.019	.117	.062	.018															
7.0	.130	.064	.018	.127	.063	.018	.122	.061	.018	.116	.060	.017	.112	.058	.017															
8.0	.123	.060	.017	.120	.059	.017	.116	.058	.016	.111	.056	.016	.106	.055	.016															
9.0	.117	.056	.016	.114	.056	.016	.110	.054	.015	.106	.053	.015	.102	.052	.015															
10.0	.111	.053	.015	.109	.053	.015	.105	.051	.014	.101	.050	.014	.098	.049	.014															

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	.197	.197	.197	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.179	.164	.150	.153	.141	.129	.105	.097	.089	.060	.056	.052	.019	.018	.017	
2.0	.164	.139	.118	.141	.120	.102	.096	.083	.071	.056	.048	.042	.018	.016	.014	
3.0	.152	.120	.095	.130	.104	.083	.089	.072	.058	.052	.042	.034	.017	.014	.011	
4.0	.141	.106	.079	.121	.091	.068	.083	.064	.048	.048	.037	.029	.015	.012	.009	
5.0	.132	.094	.066	.113	.081	.058	.078	.057	.041	.045	.033	.024	.015	.011	.008	
6.0	.124	.085	.057	.106	.073	.050	.073	.051	.035	.042	.030	.021	.014	.010	.007	
7.0	.116	.077	.049	.100	.067	.043	.069	.047	.031	.040	.028	.018	.013	.009	.006	
8.0	.110	.071	.044	.095	.061	.038	.066	.043	.027	.038	.025	.016	.012	.008	.005	
9.0	.104	.065	.039	.090	.057	.034	.062	.040	.024	.036	.024	.014	.012	.008	.005	
10.0	.099	.061	.035	.086	.053	.031	.059	.037	.022	.035	.022	.013	.011	.007	.004	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月08日

Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## Uncorrected UGR Table

Report number:

MANUFACTURER:											
Address:											
NAME: 72W					TYPE:			WEIGHT:			
SPECIFICATION:					DIMENSION: 1452*67mm			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	2H	17.4	18.4	17.7	18.5	18.7	18.6	19.5	18.8	19.7	19.9
	3H	18.6	19.4	18.8	19.6	19.9	20.1	21.0	20.4	21.2	21.4
	4H	19.0	19.9	19.3	20.1	20.3	20.6	21.4	20.9	21.6	21.9
	6H	19.5	20.2	19.8	20.5	20.8	21.1	21.8	21.4	22.1	22.4
	8H	19.6	20.4	19.9	20.6	20.9	21.3	22.1	21.6	22.3	22.6
	12H	19.8	20.5	20.1	20.8	21.1	21.6	22.3	21.9	22.6	22.9
4H	2H	18.4	19.2	18.7	19.4	19.7	19.3	20.1	19.6	20.4	20.6
	3H	19.6	20.3	19.9	20.6	20.9	20.9	21.6	21.2	21.9	22.2
	4H	20.2	20.9	20.6	21.2	21.5	21.5	22.1	21.8	22.4	22.8
	6H	20.8	21.3	21.1	21.7	22.1	22.1	22.7	22.5	23.0	23.4
	8H	21.0	21.5	21.4	21.9	22.3	22.4	23.0	22.8	23.3	23.7
	12H	21.2	21.7	21.6	22.1	22.5	22.8	23.3	23.3	23.7	24.1
8H	4H	20.6	21.1	21.0	21.5	21.9	21.7	22.2	22.1	22.6	23.0
	6H	21.3	21.8	21.8	22.2	22.6	22.5	23.0	23.0	23.4	23.8
	8H	21.7	22.1	22.2	22.5	23.0	23.0	23.4	23.5	23.9	24.3
	12H	22.1	22.4	22.5	22.9	23.4	23.6	24.0	24.1	24.4	24.9
12H	4H	20.6	21.1	21.0	21.5	21.9	21.7	22.2	22.1	22.6	23.0
	6H	21.5	21.9	22.0	22.3	22.8	22.6	23.0	23.1	23.4	23.9
	8H	21.9	22.3	22.4	22.7	23.2	23.2	23.5	23.7	24.0	24.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.3					
1.5H	+ 0.3 / - 0.2					+ 0.3 / - 0.3					
2.0H	+ 0.5 / - 0.7					+ 0.6 / - 0.7					

CIE Pub.117 Corrected 11100 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.4)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月08日

Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:		
Address:		
NAME: 72W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1452*67mm	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) $k(RI) \times RCR = 5$									
$k = 0.60$	81	73	69	80	73	69	79	73	69	64
0.80	89	81	77	88	81	77	86	80	76	72
1.00	94	87	82	93	86	82	91	86	81	77
1.25	98	92	87	97	91	87	95	90	86	81
1.50	101	95	91	100	95	91	98	93	90	84
2.00	105	100	96	103	99	95	100	96	93	87
2.50	107	102	99	105	101	98	102	99	96	89
3.00	109	105	101	107	103	100	104	101	98	91
4.00	112	108	105	109	106	104	106	103	101	93
5.00	113	110	108	111	108	106	107	105	103	95
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04月08日

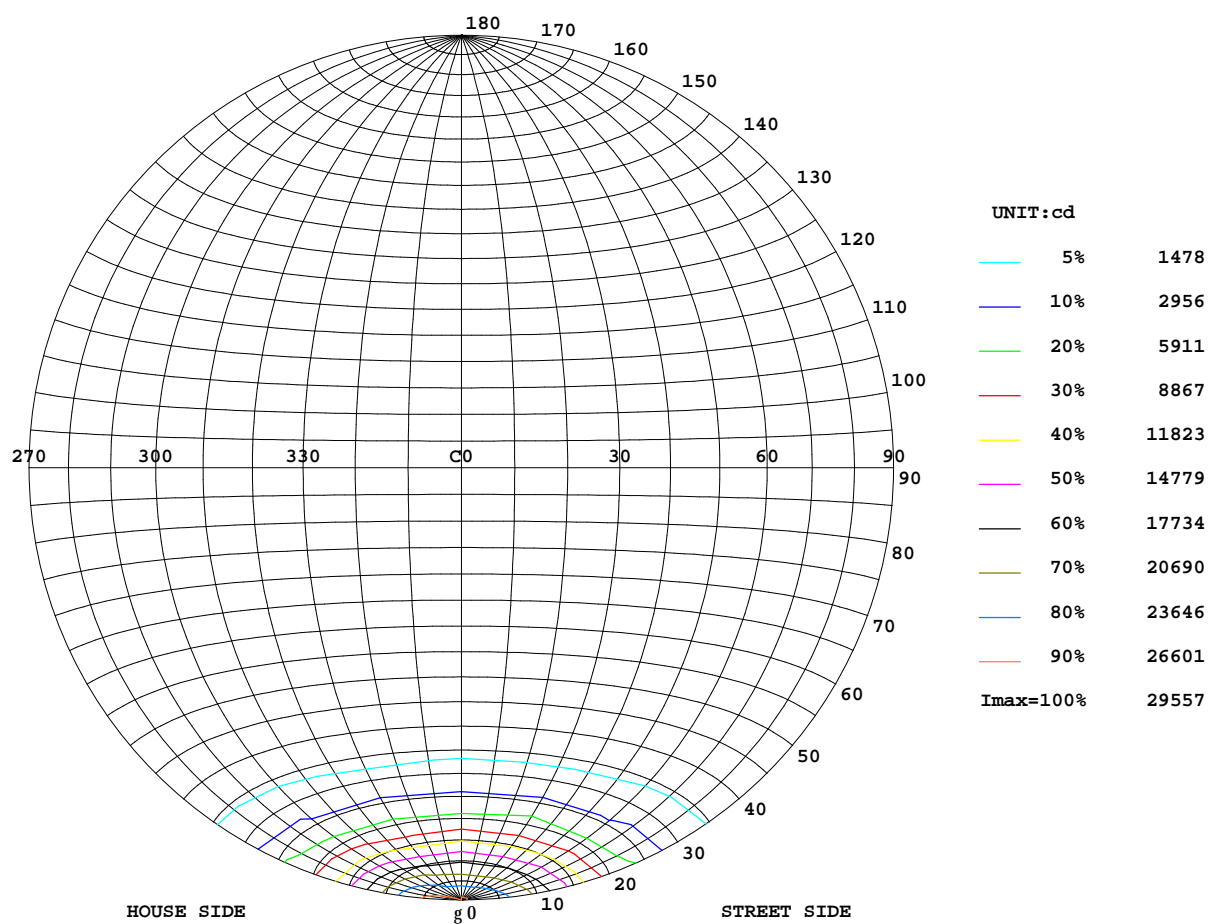
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 72W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1452*67mm	SERIAL No.:



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年04月08日

Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:11.000 m  
Remarks:

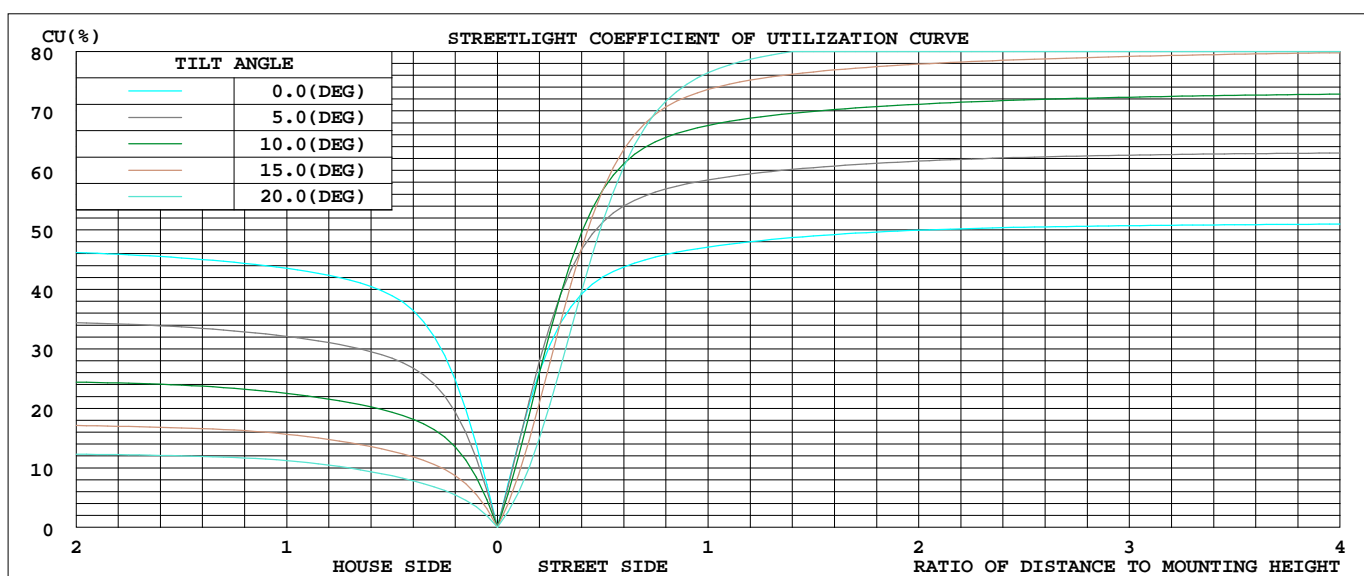
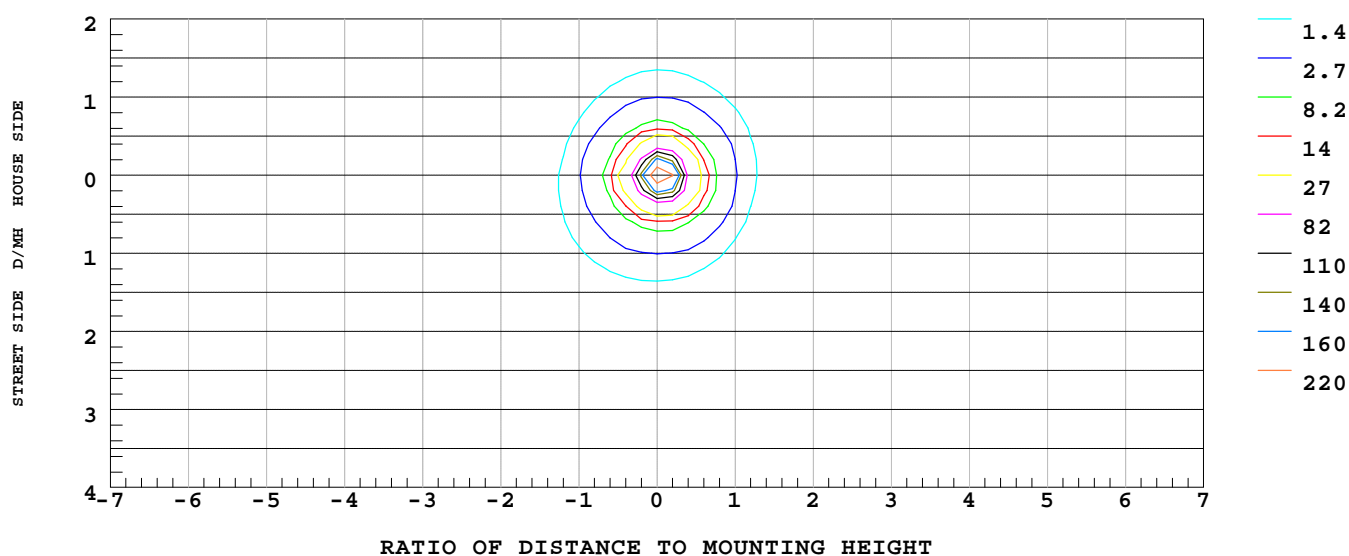
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 72W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1452*67mm	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 272.80 lx



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月08日

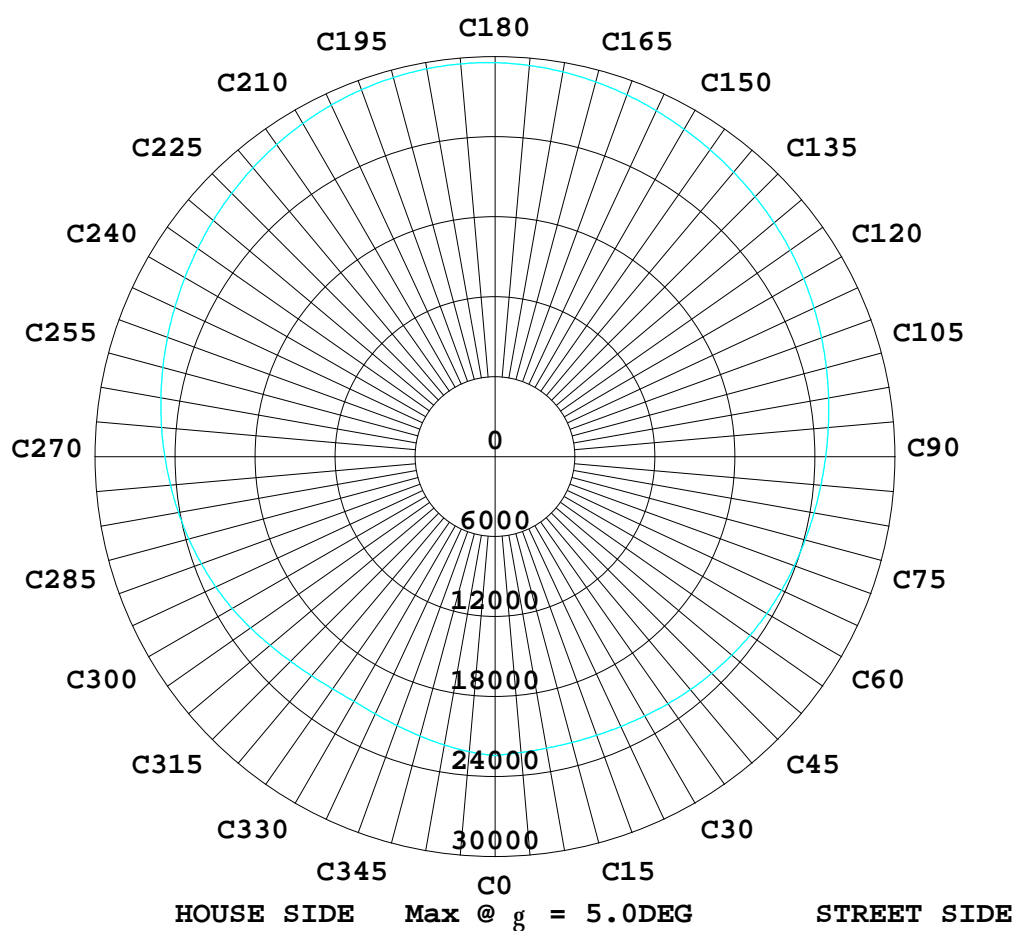
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 72W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1452*67mm	SERIAL No.:



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年04月08日

Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:11.000 m  
Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:		
Address:		
NAME: 72W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1452*67mm	SERIAL No.:

UNIT: ×10cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	2728	2716	2702	2665	2614	2581	2728	2716	2702	2665	2614	2581
5.0	2242	2245	2354	2480	2673	2837	2956	2886	2687	2477	2278	2119
10.0	1739	1731	1849	2008	2327	2605	2549	2431	2145	1948	1739	1609
15.0	1151	1134	1215	1351	1631	1898	1792	1676	1437	1274	1108	1028
20.0	670	644	696	786	1003	1203	1118	1013	855	721	612	566
25.0	304	351	303	421	562	697	617	563	443	384	337	295
30.0	204	193	203	221	286	365	325	279	233	212	189	179
35.0	128	122	134	142	167	197	178	168	139	131	119	115
40.0	90.7	88.1	95.9	98.9	109	120	110	107	97.0	93.6	83.9	82.2
45.0	70.5	71.7	77.4	77.7	82.2	83.2	80.5	80.7	76.0	74.8	67.5	66.0
50.0	59.7	65.5	69.9	68.3	69.1	65.1	63.5	67.8	66.2	66.8	60.8	56.1
55.0	51.7	63.1	67.9	65.7	63.5	52.6	50.2	58.9	62.5	64.5	56.8	46.8
60.0	42.0	57.0	64.9	62.1	57.8	41.5	39.2	54.8	59.9	62.1	51.2	37.3
65.0	32.7	49.5	56.9	55.0	47.9	31.0	28.9	44.4	52.5	52.9	37.2	29.5
70.0	25.0	28.4	29.5	33.8	30.1	22.3	20.2	29.1	30.0	28.7	25.6	21.3
75.0	17.6	21.5	24.5	22.6	23.0	14.7	13.5	22.2	21.5	22.9	19.6	14.5
80.0	11.5	16.6	18.5	16.9	17.4	9.02	8.39	16.3	15.4	16.8	14.5	9.33
85.0	6.73	11.1	14.1	12.5	11.9	4.41	3.83	11.5	11.0	12.3	9.68	4.48
90.0	2.83	6.31	7.95	6.71	7.03	1.03	1.01	6.72	6.45	7.41	5.22	1.53
95.0	1.31	4.14	5.97	5.16	4.91	0.02	0.33	4.42	5.59	6.15	3.15	0.70
100.0	0.91	3.32	5.54	4.72	3.70	0.00	0.24	4.01	5.21	5.70	3.05	0.45
105.0	0.75	3.28	5.35	4.62	3.39	0.00	0.23	3.93	4.70	5.13	3.35	0.35
110.0	0.30	3.50	4.79	4.18	3.73	0.00	0.00	4.04	4.33	4.79	3.40	0.20
115.0	0.10	3.23	4.84	4.15	3.23	0.00	0.00	3.43	4.09	4.53	2.80	0.18
120.0	0.00	2.63	4.26	3.83	2.76	0.00	0.09	3.06	3.69	3.96	2.60	0.33
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月08日

Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks: