

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

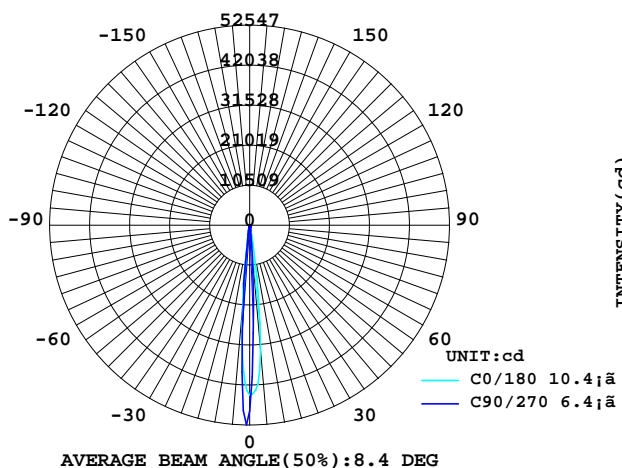
## STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:		
Address:		
NAME: 40W	TYPE: WALLWASHER	WEIGHT:
SPECIFICATION:	DIMENSION: 100*35*65	SERIAL No.: LA/YE6L-990706

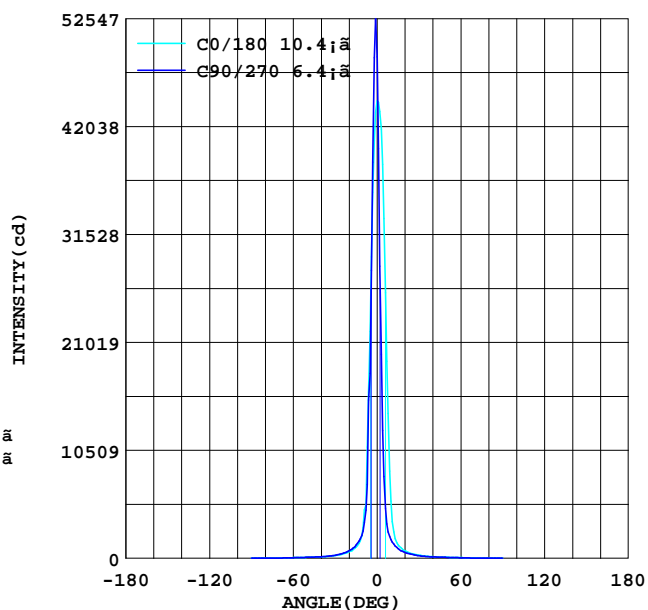
MODEL:	SMD	I <sub>max</sub> (cd):	52547	Effective Flux(lm):	2296.7
NOMINAL POWER(W):	38	MAXIMUM(C, γ):	90, 1.0	EEI	0.230
RATED VOLTAGE(V):	230	EFFICIENCY(%):	100.0	Voltage(V)	230.5
NOMINAL FLUX(lm):	2296.7	η street_up(%):	0.0	Current(A)	0.175
TEST FLUX(lm):	2297	η street_down(%):	49.9	Power(W)	38.74
LAMPS QUANTITY:	1	η house_up(%):	0.0	Power Factor	0.955
TOTAL RADIANT(mw):	2297	η house_down(%):	50.1	EFFICIENCY(lm/W)	59.3

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS

LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1600  
Temperature:25.3DEG  
Operators:  
Test Date:10-07-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.150 m  
Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

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## Color Temperature Data List

Report number:

MANUFACTURER:		
Address:		
NAME: 40W	TYPE: WALLVASHER	WEIGHT:
SPECIFICATION:	DIMENSION: 100*35*65	SERIAL No.: LA/YE6L-990706

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Test System:HOPOO HPG1600  
Temperature:25.3DEG  
Operators:  
Test Date:10-07-2020

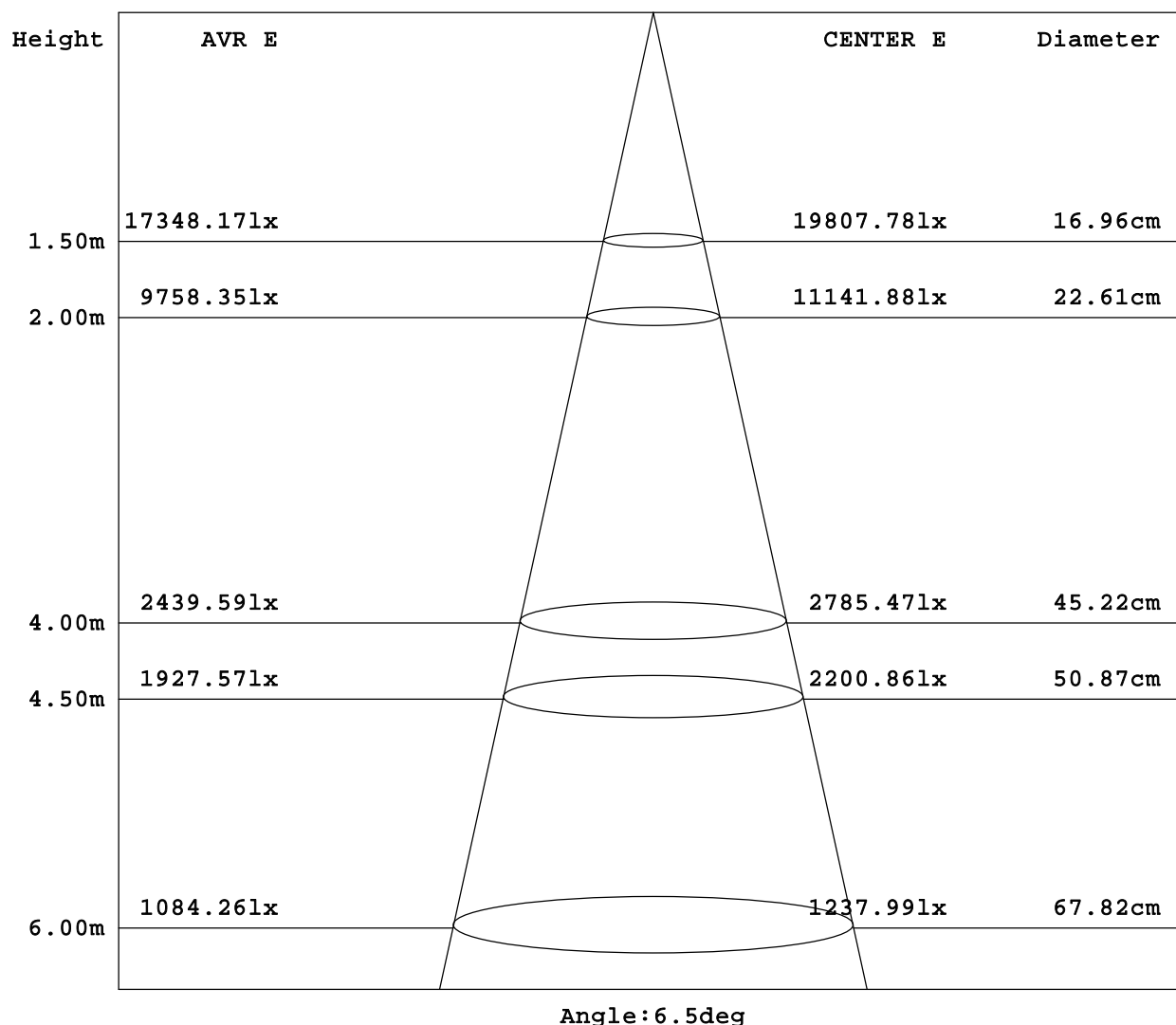
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.150 m  
Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: 40W	TYPE: WALLWASHER	WEIGHT:
SPECIFICATION:	DIMENSION: 100*35*65	SERIAL No.: LA/YE6L-990706



Test System: HOPOO HPG1600  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 10-07-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity: 65.0%  
 Test Distance: 5.150 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 40W	TYPE: WALLVASHER	WEIGHT:
SPECIFICATION:	DIMENSION: 100*35*65	SERIAL No.: LA/YE6L-990706

$\gamma$	C0	C90	C180	C270				$\gamma$	zone	total
5.0	2208	1800	3308	797.8				0- 5	751.9	751.9
10.0	299.9	267.0	557.0	182.1				5- 10	632.4	1384
15.0	110.3	128.1	132.6	94.35				10- 15	215.6	1600
20.0	63.37	73.44	73.08	58.17				15- 20	143.4	1743
25.0	40.17	45.83	45.54	37.94				20- 25	111.3	1855
30.0	27.53	29.72	30.39	24.96				25- 30	87.19	1942
35.0	19.60	20.51	21.19	18.08				30- 35	69.30	2011
40.0	14.67	15.40	15.66	13.98				35- 40	57.29	2069
45.0	11.80	12.14	12.27	11.17				40- 45	49.12	2118
50.0	9.643	9.773	9.993	9.089				45- 50	43.13	2161
55.0	8.073	7.787	8.351	7.458				50- 55	37.96	2199
60.0	6.500	5.943	6.765	5.458				55- 60	32.63	2232
65.0	4.779	3.763	5.057	3.599				60- 65	25.26	2257
70.0	3.312	2.413	3.546	2.291				65- 70	18.13	2275
75.0	1.986	1.243	2.174	1.108				70- 75	11.65	2287
80.0	0.934	0.416	1.172	0.477				75- 80	6.174	2293
85.0	0.334	0.167	0.467	0.284				80- 85	2.734	2295
90.0	0.180	0.072	0.231	0.228				85- 90	1.213	2297
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: $\mu$ Á10cd								UNIT: lm	

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:10-07-2020

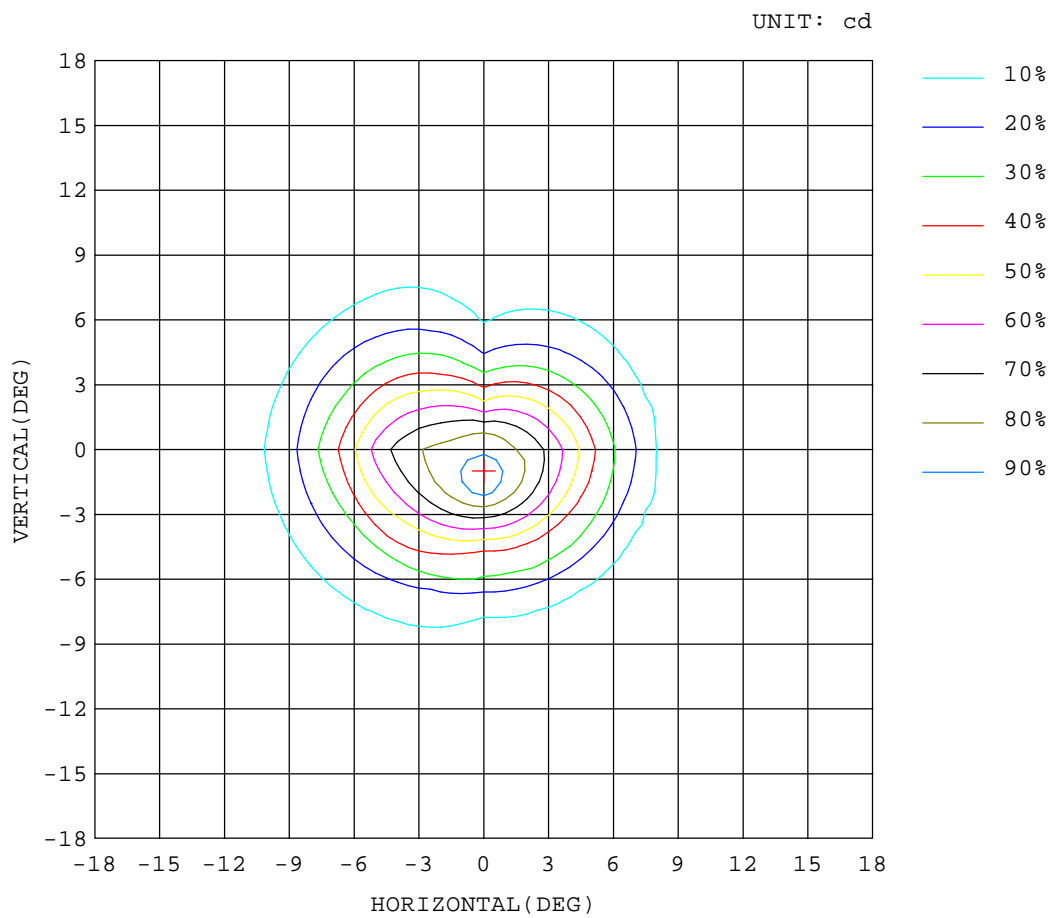
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.150 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 40W	TYPE: WALLWASHER	WEIGHT:
SPECIFICATION:	DIMENSION: 100*35*65	SERIAL No.: LA/YE6L-990706



Test System:HOPOO HPG1600  
Temperature:25.3DEG  
Operators:  
Test Date:10-07-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.150 m  
Remarks:

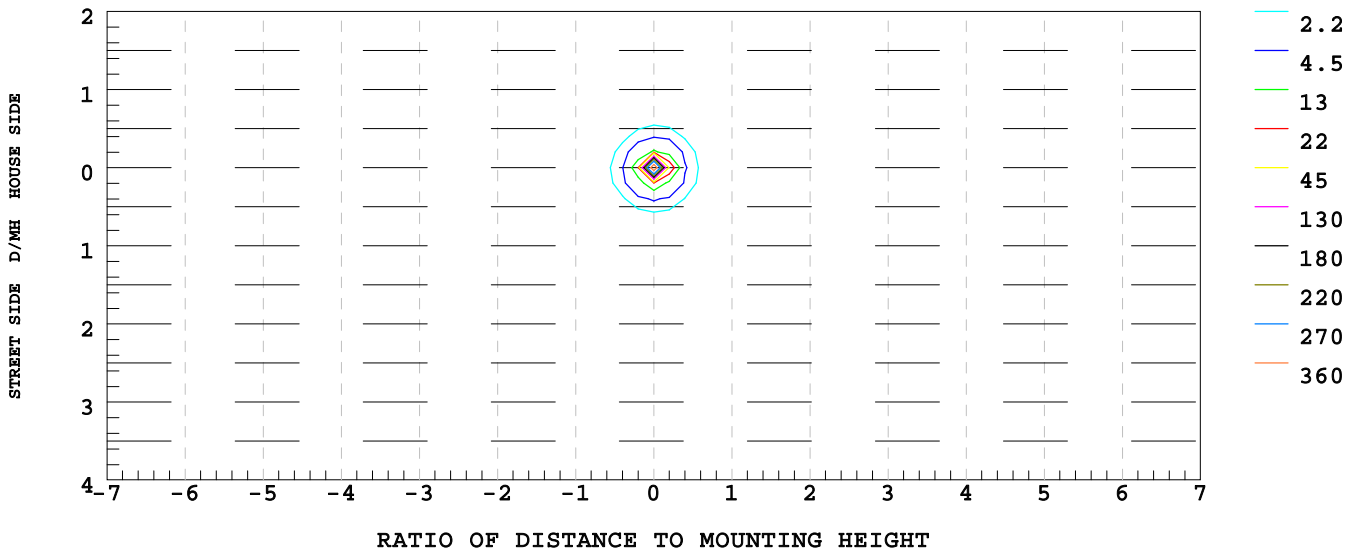
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 40W	TYPE: WALLWASHER	WEIGHT:
SPECIFICATION:	DIMENSION: 100*35*65	SERIAL No.: LA/YE6L-990706

ILLUMINANCE AT MH=10 m, Enadir = 445.68 lx



Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:10-07-2020

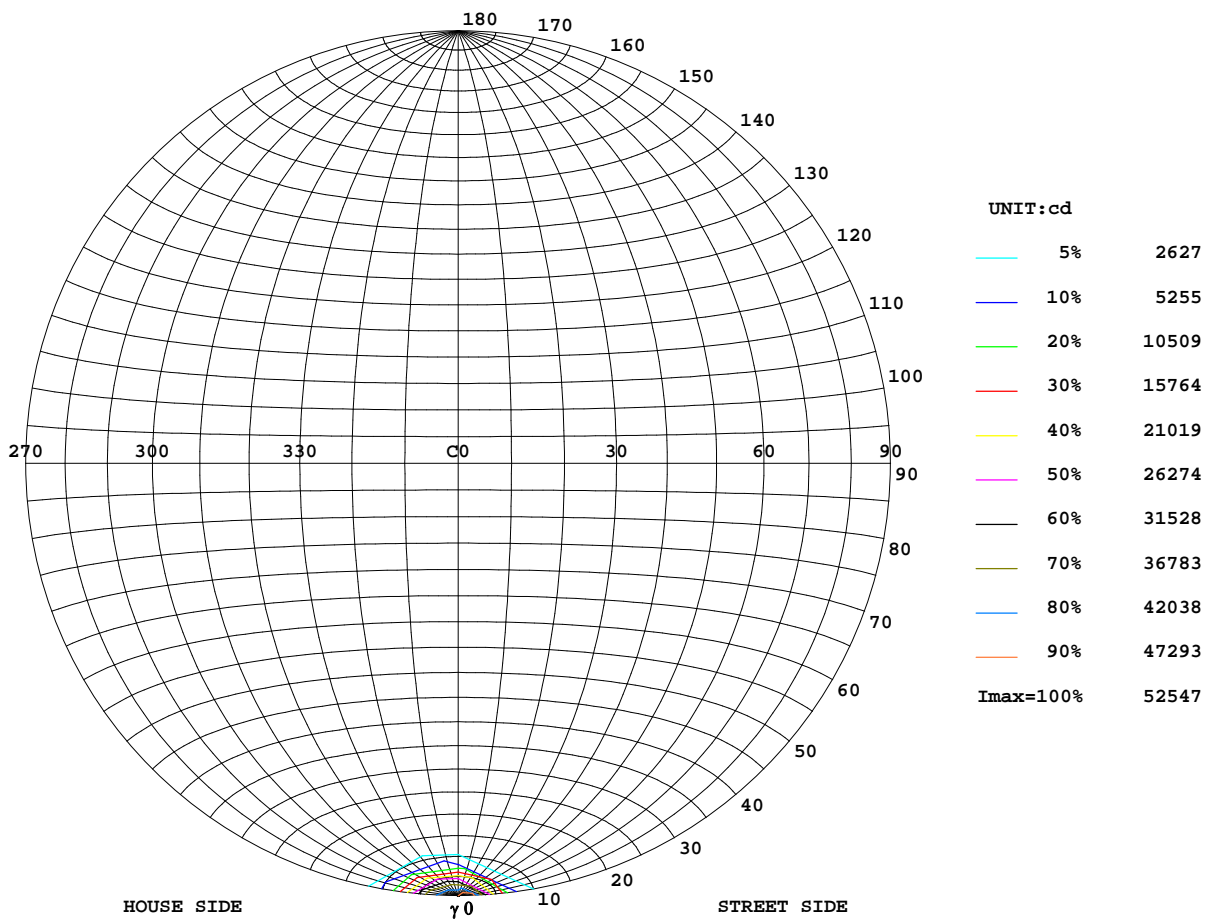
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.150 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

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Report number:

MANUFACTURER:		
Address:		
NAME: 40W	TYPE: WALLWASHER	WEIGHT:
SPECIFICATION:	DIMENSION: 100*35*65	SERIAL No.: LA/YE6L-990706



Test System:HOPOO HPG1600  
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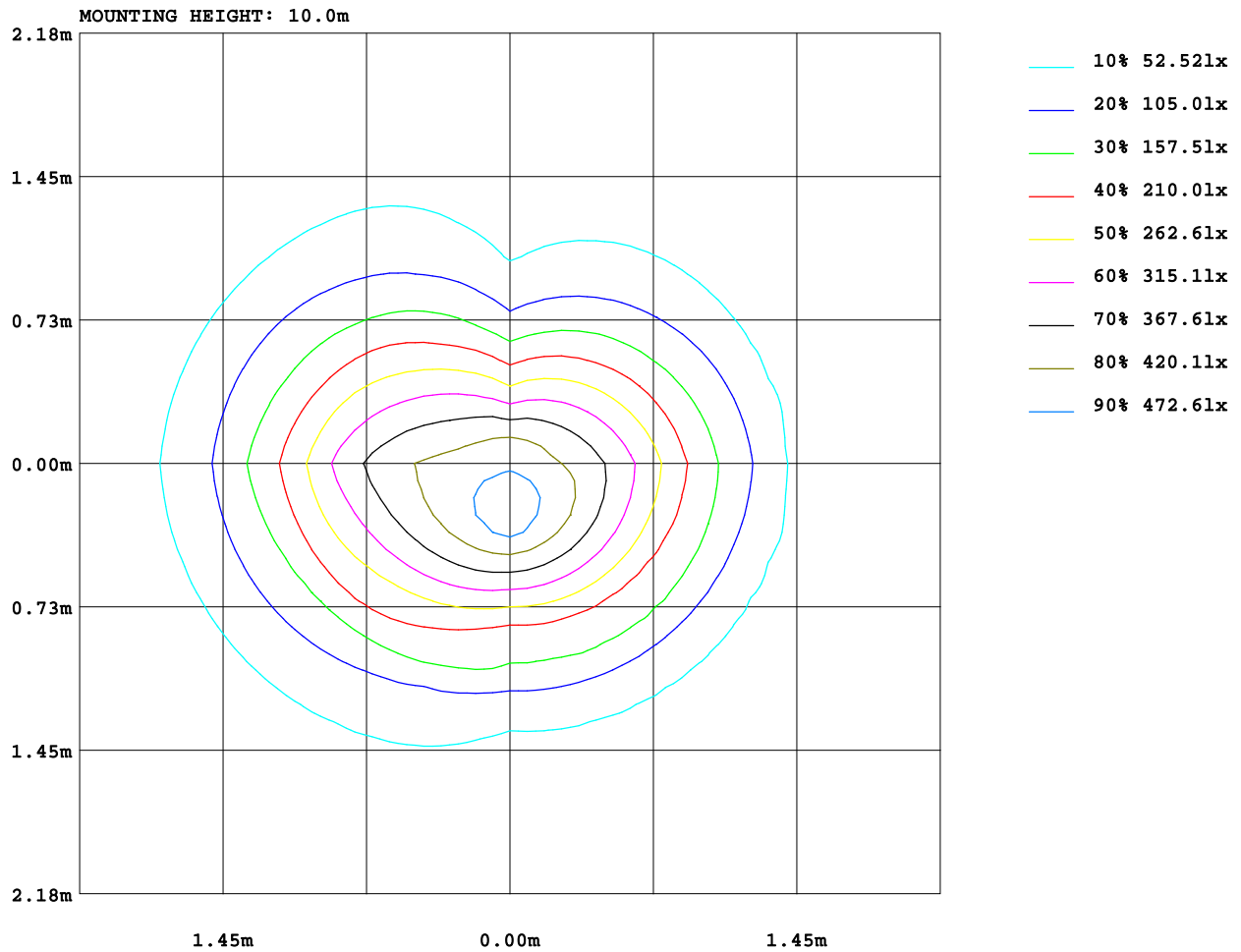
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.150 m  
 Remarks:

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Report number:

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NAME: 40W	TYPE: WALLWASHER	WEIGHT:
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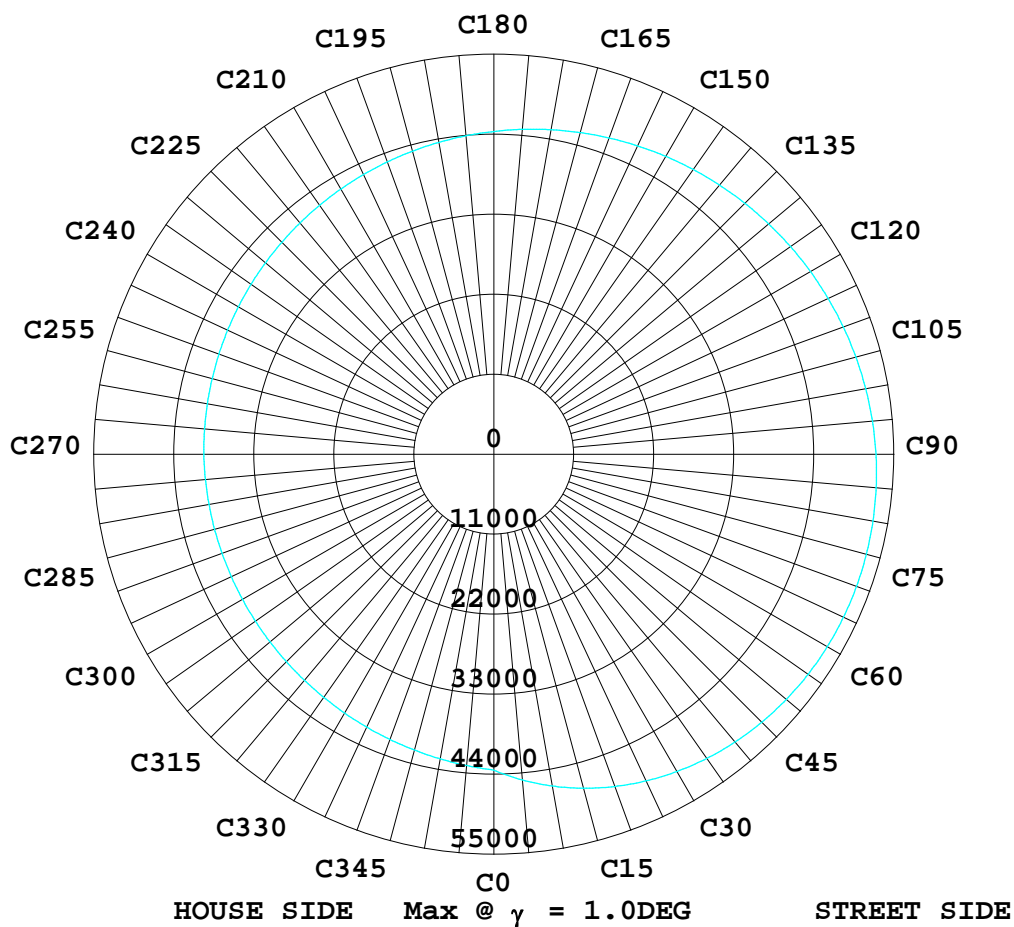


HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 40W	TYPE: WALLWASHER	WEIGHT:
SPECIFICATION:	DIMENSION: 100*35*65	SERIAL No.: LA/YE6L-990706



Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:10-07-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.150 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## AREA LUMINOUS FLUX

Report number:

MANUFACTURER:		
Address:		
NAME: 40W	TYPE: WALLWASHER	WEIGHT:
SPECIFICATION:	DIMENSION: 100*35*65	SERIAL No.: LA/YE6L-990706

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a	
	0.54	0.61	0.68	0.75	0.82	0.88	0.91	0.93	0.92	0.92	0.90	0.87	0.83	0.78	0.71	0.64	0.57	0.50	13.7	13.7		
18	0.61	0.70	0.79	0.89	0.98	1.05	1.13	1.17	1.17	1.16	1.14	1.08	1.00	0.90	0.82	0.74	0.65	0.56	16.5	16.5		
16	0.69	0.80	0.93	1.05	1.20	1.34	1.46	1.53	1.52	1.48	1.45	1.36	1.24	1.10	0.96	0.83	0.74	0.64	20.3	20.3		
14	0.78	0.92	1.08	1.28	1.51	1.79	2.07	2.18	2.07	1.96	1.93	1.78	1.57	1.35	1.15	0.96	0.82	0.71	25.9	25.9		
12	0.87	1.05	1.28	1.58	2.05	2.72	3.43	3.71	3.19	2.80	2.88	2.55	2.08	1.68	1.37	1.13	0.91	0.78	36.1	36.1		
10	0.97	1.19	1.50	2.03	3.04	4.77	6.93	7.62	5.90	4.93	5.01	4.08	3.13	2.18	1.63	1.29	1.03	0.83	58.1	58.1		
8	1.05	1.33	1.76	2.70	4.82	9.08	13.6	15.7	13.2	11.6	11.6	8.33	4.73	3.00	1.95	1.45	1.14	0.89	108	108		
6	1.13	1.46	2.04	3.51	7.36	15.2	23.8	29.3	28.1	26.4	23.6	15.9	7.75	4.17	2.30	1.60	1.23	0.95	196	196		
4	1.19	1.55	2.29	4.32	10.1	21.3	34.9	44.1	47.4	46.2	37.6	24.1	11.6	5.03	2.63	1.70	1.28	0.99	299	299		
2	1.20	1.56	2.32	4.37	10.2	21.8	36.6	48.5	57.1	55.9	42.1	25.8	12.1	5.14	2.67	1.73	1.30	1.00	332	332		
0	1.16	1.50	2.11	3.63	7.64	16.1	27.7	37.7	45.4	43.7	32.0	19.9	8.64	4.44	2.42	1.67	1.27	0.98	258	258		
-2	1.10	1.40	1.87	2.87	5.13	9.88	16.3	23.3	25.1	23.6	19.1	11.0	5.54	3.32	2.12	1.56	1.21	0.94	156	156		
-4	1.02	1.28	1.62	2.22	3.34	5.33	8.17	10.2	11.1	10.1	7.60	5.32	3.69	2.48	1.83	1.42	1.12	0.89	78.8	78.8		
-6	0.93	1.14	1.41	1.77	2.33	3.14	4.10	4.79	4.74	4.35	3.97	3.23	2.51	1.96	1.56	1.26	1.00	0.84	45.1	45.1		
-8	0.84	1.00	1.22	1.46	1.77	2.14	2.53	2.78	2.82	2.72	2.53	2.24	1.92	1.60	1.33	1.10	0.91	0.77	31.7	31.7		
-10	0.75	0.89	1.04	1.23	1.42	1.62	1.83	1.97	2.04	2.01	1.90	1.73	1.53	1.32	1.13	0.95	0.82	0.70	24.9	24.9		
-12	0.67	0.78	0.89	1.02	1.16	1.30	1.42	1.51	1.55	1.54	1.47	1.36	1.24	1.09	0.95	0.84	0.73	0.62	20.1	20.1		
-14	0.59	0.67	0.77	0.87	0.96	1.05	1.13	1.20	1.23	1.22	1.17	1.10	1.00	0.92	0.82	0.73	0.64	0.55	16.6	16.6		
-16	0.54	0.61	0.68	0.75	0.82	0.88	0.91	0.93	0.92	0.92	0.90	0.87	0.83	0.78	0.71	0.64	0.57	0.50	13.7	13.7		
-18																						
	-18	-16	-14	-12	-10	-8	-6	-4	HORIZONTAL(DEG)				4	6	8	10	12	14	16	18		
Φ t	16.1	19.8	25.6	37.6	65.9	121	188	239	255	243	198	132	72.3	42.5	28.4	21.6	17.4	14.1	2297			
Φ a	16.1	19.8	25.6	37.6	65.9	121	188	239	255	243	198	132	72.3	42.5	28.4	21.6	17.4	14.1		2297		

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:10-07-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.150 m  
 Remarks:

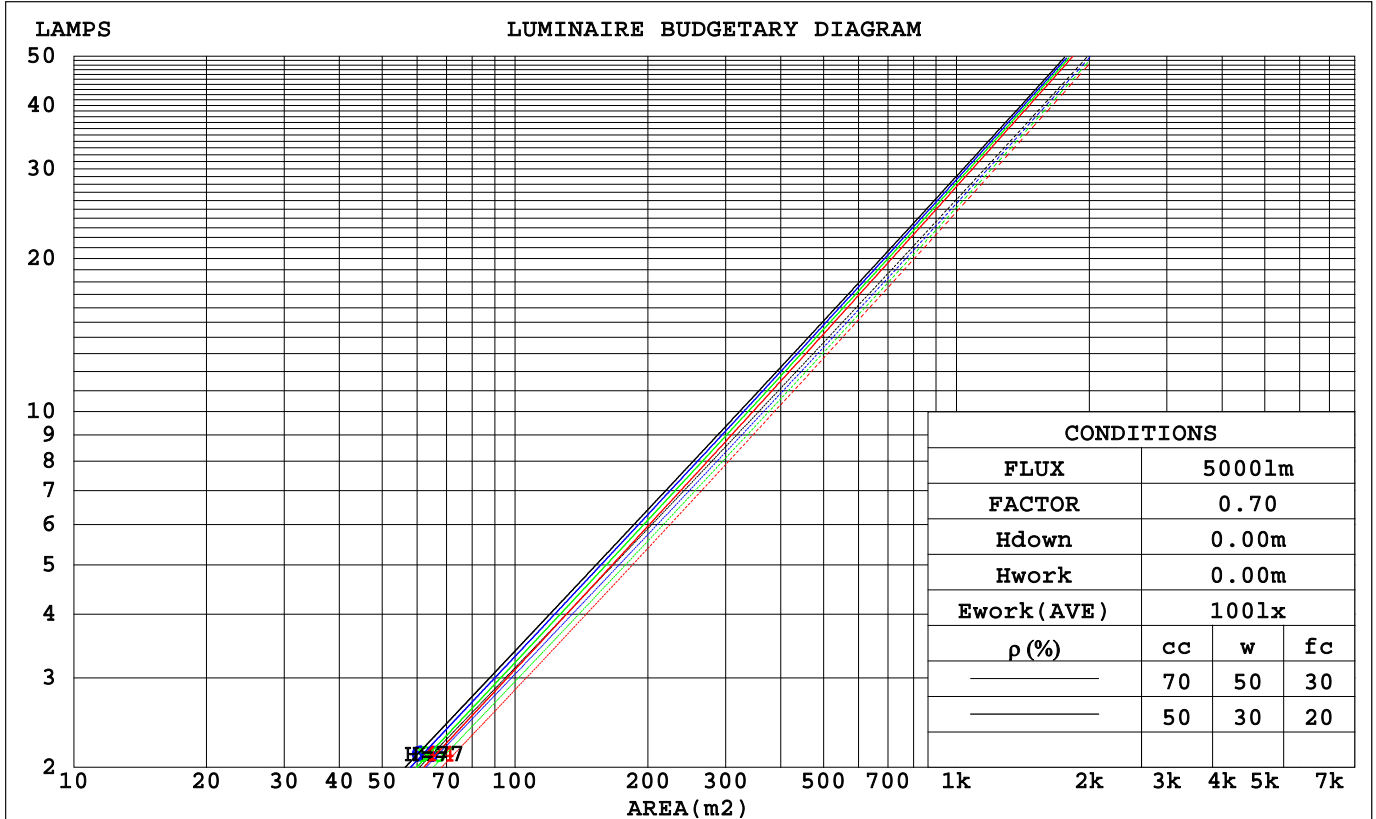
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 40W	TYPE: WALLWASHER	WEIGHT:
SPECIFICATION:	DIMENSION: 100*35*65	SERIAL No.: LA/YE6L-990706

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.13	1.11	1.09	1.10	1.09	1.07	1.06	1.05	1.04	1.03	1.02	1.01	.99	.99	.98	.96
2.0	1.07	1.04	1.01	1.05	1.03	1.00	1.02	1.00	.98	.99	.98	.96	.97	.95	.94	.93
3.0	1.03	.99	.96	1.01	.98	.95	.99	.96	.94	.96	.94	.92	.94	.92	.91	.90
4.0	.99	.95	.92	.98	.94	.91	.96	.93	.90	.94	.91	.89	.92	.90	.88	.87
5.0	.95	.91	.88	.95	.91	.88	.93	.90	.87	.91	.89	.86	.90	.88	.86	.85
6.0	.93	.88	.86	.92	.88	.85	.91	.87	.85	.89	.86	.84	.88	.86	.84	.83
7.0	.90	.86	.83	.90	.86	.83	.89	.85	.83	.88	.85	.82	.87	.84	.82	.81
8.0	.88	.84	.81	.88	.84	.81	.87	.83	.81	.86	.83	.81	.85	.82	.80	.79
9.0	.86	.82	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.84	.81	.79	.78
10.0	.85	.81	.78	.84	.81	.78	.84	.80	.78	.83	.80	.78	.82	.80	.78	.77



Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:10-07-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.150 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## WEC AND CCEC

Report number:

MANUFACTURER:		
Address:		
NAME: 40W	TYPE: WALLVASHER	WEIGHT:
SPECIFICATION:	DIMENSION: 100*35*65	SERIAL No.: LA/YE6L-990706

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.142	.081	.026	.136	.077	.025	.123	.071	.023	.112	.065	.021	.101	.059	.019	
2.0	.132	.072	.022	.126	.070	.021	.116	.065	.020	.107	.060	.019	.098	.055	.017	
3.0	.122	.065	.019	.117	.063	.019	.109	.059	.018	.101	.055	.017	.093	.052	.016	
4.0	.113	.058	.017	.109	.057	.017	.101	.054	.016	.095	.051	.015	.089	.048	.015	
5.0	.104	.053	.015	.101	.052	.015	.095	.050	.015	.089	.047	.014	.084	.045	.013	
6.0	.097	.049	.014	.095	.048	.014	.089	.046	.013	.084	.044	.013	.080	.042	.012	
7.0	.091	.045	.013	.089	.044	.013	.084	.043	.012	.080	.041	.012	.076	.039	.012	
8.0	.085	.042	.012	.083	.041	.012	.079	.040	.011	.076	.038	.011	.072	.037	.011	
9.0	.081	.039	.011	.079	.038	.011	.075	.037	.011	.072	.036	.010	.069	.035	.010	
10.0	.076	.037	.010	.075	.036	.010	.072	.035	.010	.069	.034	.010	.066	.033	.010	

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	.169	.158	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017	
2.0	.151	.133	.117	.129	.114	.101	.089	.079	.071	.051	.046	.041	.016	.015	.014	
3.0	.136	.113	.095	.117	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011	
4.0	.123	.098	.079	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009	
5.0	.112	.086	.066	.096	.074	.057	.066	.052	.040	.038	.030	.024	.012	.010	.008	
6.0	.103	.076	.056	.088	.065	.049	.061	.046	.034	.035	.027	.020	.011	.009	.007	
7.0	.095	.067	.048	.081	.058	.042	.056	.041	.030	.033	.024	.018	.011	.008	.006	
8.0	.088	.060	.041	.075	.052	.036	.052	.037	.026	.030	.022	.015	.010	.007	.005	
9.0	.081	.054	.036	.070	.047	.032	.049	.033	.022	.028	.020	.013	.009	.006	.004	
10.0	.076	.050	.032	.066	.043	.028	.045	.030	.020	.027	.018	.012	.009	.006	.004	

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:10-07-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.150 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## Uncorrected UGR Table

Report number:

MANUFACTURER:										
Address:										
NAME: 40W					TYPE: WALLVASHER			WEIGHT:		
SPECIFICATION:					DIMENSION: 100*35*65			SERIAL No.: LA/YE6L-990706		
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	8.7	9.3	8.9	9.5	9.6	8.5	9.2	8.7	9.3	9.5
3H	9.7	10.3	9.9	10.5	10.6	9.2	9.8	9.4	10.0	10.2
4H	10.0	10.5	10.2	10.7	11.0	9.3	9.9	9.6	10.1	10.3
6H	10.1	10.6	10.4	10.9	11.1	9.3	9.9	9.6	10.1	10.3
8H	10.1	10.6	10.4	10.9	11.1	9.3	9.8	9.6	10.1	10.3
12H	10.1	10.6	10.4	10.9	11.1	9.3	9.8	9.6	10.0	10.3
4H 2H	9.1	9.7	9.4	9.9	10.1	9.0	9.5	9.2	9.8	10.0
3H	10.2	10.7	10.5	11.0	11.2	9.7	10.3	10.0	10.5	10.8
4H	10.5	11.0	10.9	11.3	11.6	9.9	10.4	10.3	10.7	11.0
6H	10.7	11.1	11.1	11.5	11.8	9.9	10.4	10.3	10.7	11.0
8H	10.7	11.1	11.1	11.5	11.8	9.9	10.3	10.3	10.7	11.0
12H	10.7	11.1	11.1	11.5	11.8	9.9	10.2	10.3	10.6	11.0
8H 4H	10.5	10.9	10.9	11.3	11.7	10.0	10.4	10.4	10.7	11.1
6H	10.8	11.1	11.2	11.5	11.9	10.0	10.4	10.4	10.7	11.2
8H	10.8	11.1	11.2	11.5	11.9	10.0	10.3	10.4	10.7	11.2
12H	10.8	11.1	11.3	11.5	12.0	10.0	10.2	10.4	10.7	11.1
12H 4H	10.5	10.9	10.9	11.2	11.6	9.9	10.3	10.3	10.7	11.1
6H	10.7	11.0	11.2	11.4	11.9	10.0	10.3	10.4	10.7	11.1
8H	10.8	11.0	11.2	11.5	11.9	10.0	10.2	10.4	10.7	11.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.5					+ 0.4 / - 0.6				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.4				
2.0H	+ 0.5 / - 0.6					+ 0.7 / - 0.8				

CIE Pub.117 Corrected 2297 lm Total Lamp Luminous Flux. (8log(F/F0) = 2.9)

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:10-07-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.150 m  
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:		
Address:		
NAME: 40W	TYPE: WALLVASHER	WEIGHT:
SPECIFICATION:	DIMENSION: 100*35*65	SERIAL No.: LA/YE6L-990706

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	85	79	75	85	79	75	84	78	74	71
0.80	93	87	83	92	86	83	91	86	82	78
1.00	98	92	88	97	91	87	95	91	87	83
1.25	102	96	92	101	96	92	99	94	91	87
1.50	105	100	96	103	99	95	101	97	94	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	105	102	99	93
3.00	111	107	105	109	106	103	106	103	101	95
4.00	113	110	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	109	108	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:10-07-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.150 m  
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:		
Address:		
NAME: 40W	TYPE: WALLVASHER	WEIGHT:
SPECIFICATION:	DIMENSION: 100*35*65	SERIAL No.: LA/YE6L-990706

UNIT:  $\text{lm} \cdot \text{m}^{-2} \cdot \text{sr}^{-1}$

$\gamma$ (DEG)	C (DEG)			
	0	90	180	270
0.0	4457	4882	4457	4882
5.0	2208	1800	3308	798
10.0	300	267	557	182
15.0	110	128	133	94.3
20.0	63.3	73.4	73.0	58.1
25.0	40.1	45.8	45.5	37.9
30.0	27.5	29.7	30.3	24.9
35.0	19.6	20.5	21.1	18.0
40.0	14.6	15.4	15.6	13.9
45.0	11.8	12.1	12.2	11.1
50.0	9.64	9.77	9.99	9.08
55.0	8.07	7.78	8.35	7.45
60.0	6.50	5.94	6.76	5.45
65.0	4.77	3.76	5.05	3.59
70.0	3.31	2.41	3.54	2.29
75.0	1.98	1.24	2.17	1.10
80.0	0.93	0.42	1.17	0.48
85.0	0.33	0.17	0.47	0.28
90.0	0.18	0.07	0.23	0.23

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:10-07-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.150 m  
 Remarks: