

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

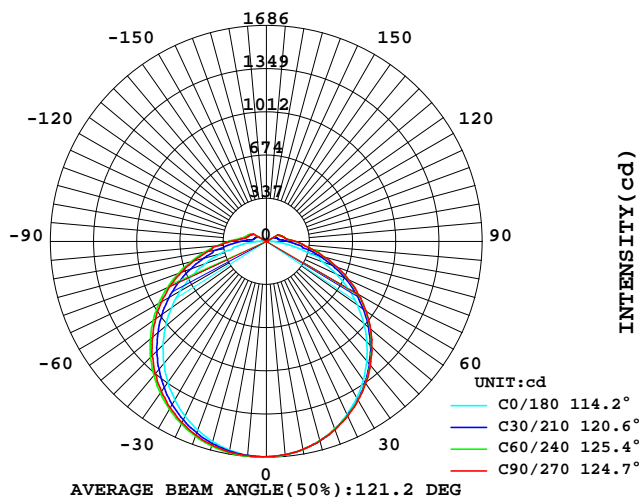
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

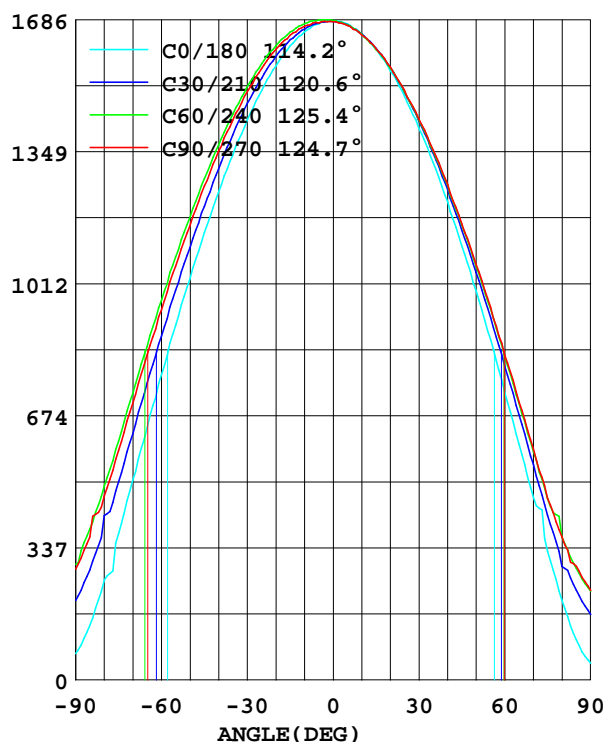
MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	1686	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.33
NOMINAL POWER(W)	46	TOTAL FLUX(lm)	5637.7	Voltage(V)	218.0
RATED VOLTAGE(V)	218	EFFICIENCY(lm/W)	120.0	Current(A)	0.226
NOMINAL FLUX(lm)	5637.8	h up(%)	5.2	Power(W)	46.97
LAMPS QUANTITY	1	h down(%)	94.8	Power Factor(PF)	0.953
TEST VOLTAGE(V)	218.0	Effective Flux(lm)	5392.3	EEI	0.119

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月22日

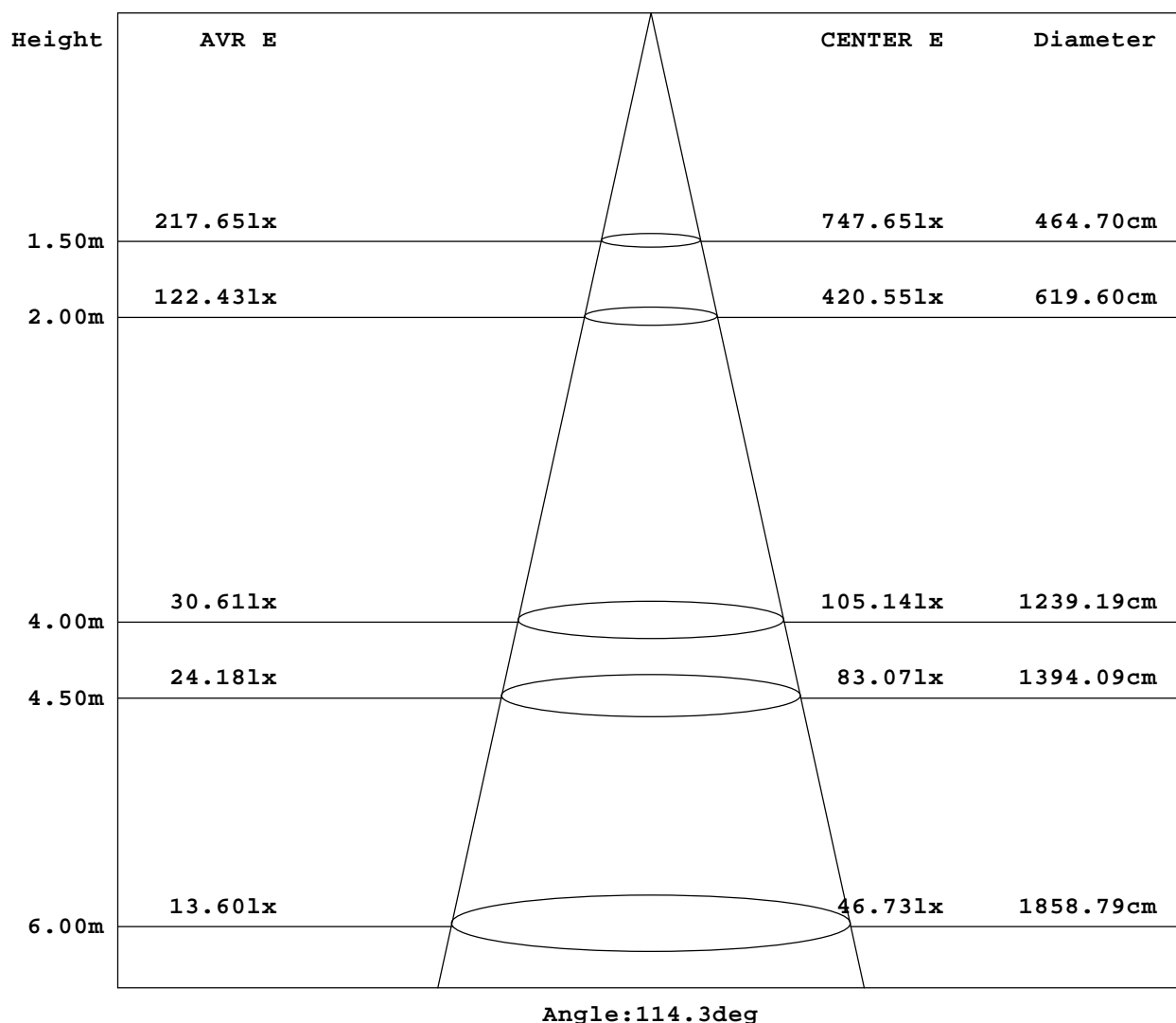
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月22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: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tStal
5.0	1676	1681	1678	1674	1675	1673	1671	1670	0- 5	40.12	40.12
10.0	1655	1669	1670	1656	1650	1650	1647	1645	5- 10	119.1	159.2
15.0	1620	1645	1647	1623	1610	1611	1613	1606	10- 15	194.3	353.6
20.0	1568	1605	1610	1577	1555	1562	1565	1553	15- 20	263.4	617.0
25.0	1505	1555	1562	1519	1491	1501	1506	1488	20- 25	324.1	941.2
30.0	1430	1494	1502	1449	1409	1428	1433	1410	25- 30	374.6	1316
35.0	1341	1419	1430	1362	1321	1348	1353	1323	30- 35	413.4	1729
40.0	1246	1335	1350	1271	1222	1258	1265	1226	35- 40	439.5	2169
45.0	1143	1245	1262	1172	1109	1155	1165	1118	40- 45	452.3	2621
50.0	1024	1143	1161	1059	993.1	1048	1061	1006	45- 50	451.6	3073
55.0	905.1	1037	1056	943.6	869.6	937.0	952.8	886.8	50- 55	437.5	3510
60.0	780.2	924.0	945.0	822.2	735.3	813.4	830.0	756.7	55- 60	410.7	3921
65.0	643.4	804.8	830.1	692.9	601.8	691.8	709.8	627.3	60- 65	371.9	4293
70.0	509.7	679.0	705.6	559.1	466.6	566.8	589.8	496.7	65- 70	322.6	4616
75.0	374.0	558.0	586.3	430.6	329.1	441.6	464.2	374.3	70- 75	267.1	4883
80.0	254.5	457.0	469.4	303.7	204.3	327.1	365.4	248.4	75- 80	206.3	5089
85.0	139.3	333.1	365.1	195.6	102.6	257.1	290.3	153.5	80- 85	151.0	5240
90.0	67.46	249.3	282.8	120.8	43.26	197.3	228.5	94.33	85- 90	106.2	5346
95.0	39.63	187.3	202.6	84.83	25.60	152.9	173.9	70.85	90- 95	76.47	5423
100.0	23.18	143.3	162.9	54.03	14.59	123.5	149.1	47.62	95-100	56.01	5479
105.0	18.46	130.6	149.5	49.62	8.905	115.5	138.7	43.08	100-105	46.26	5525
110.0	17.37	121.4	138.8	46.35	7.574	105.1	126.8	38.79	105-110	41.58	5567
115.0	15.19	108.8	126.8	41.33	6.122	94.81	114.6	34.67	110-115	36.65	5603
120.0	10.72	97.90	115.8	38.00	6.364	83.38	100.9	29.71	115-120	31.47	5635
125.0	0	0	0	0	0	0	0	0	120-125	2.881	5638
130.0	0	0	0	0	0	0	0	0	125-130	0	5638
135.0	0	0	0	0	0	0	0	0	130-135	0	5638
140.0	0	0	0	0	0	0	0	0	135-140	0	5638
145.0	0	0	0	0	0	0	0	0	140-145	0	5638
150.0	0	0	0	0	0	0	0	0	145-150	0	5638
155.0	0	0	0	0	0	0	0	0	150-155	0	5638
160.0	0	0	0	0	0	0	0	0	155-160	0	5638
165.0	0	0	0	0	0	0	0	0	160-165	0	5638
170.0	0	0	0	0	0	0	0	0	165-170	0	5638
175.0	0	0	0	0	0	0	0	0	170-175	0	5638
180.0	0	0	0	0	0	0	0	0	175-180	0	5638
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月22日

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

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

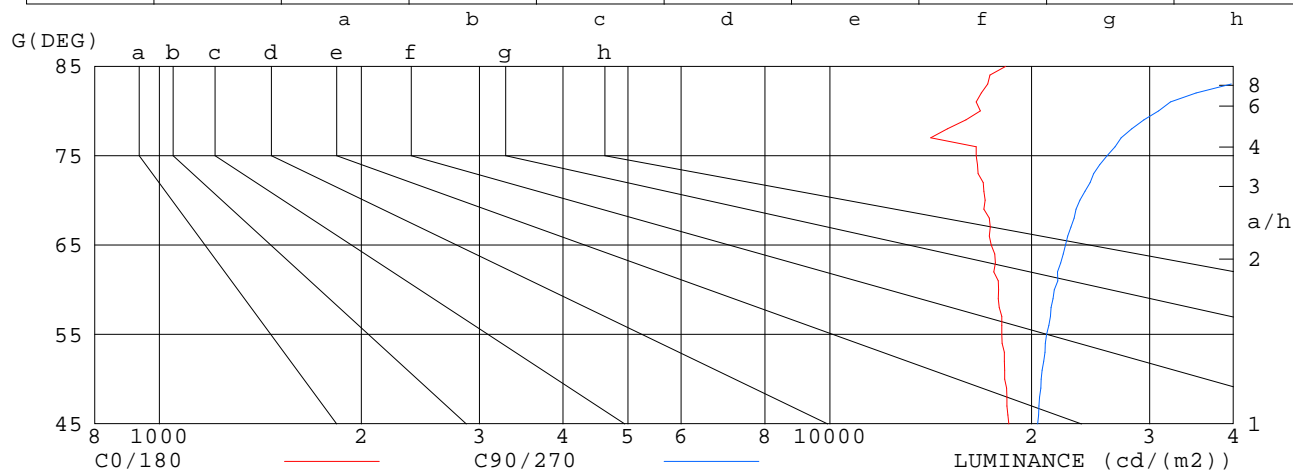
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	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	18293	47934
80	16771	30931
75	16537	25919
70	17052	23605
65	17420	22474
60	17855	21627
55	18056	21068
50	18233	20658
45	18493	20418

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
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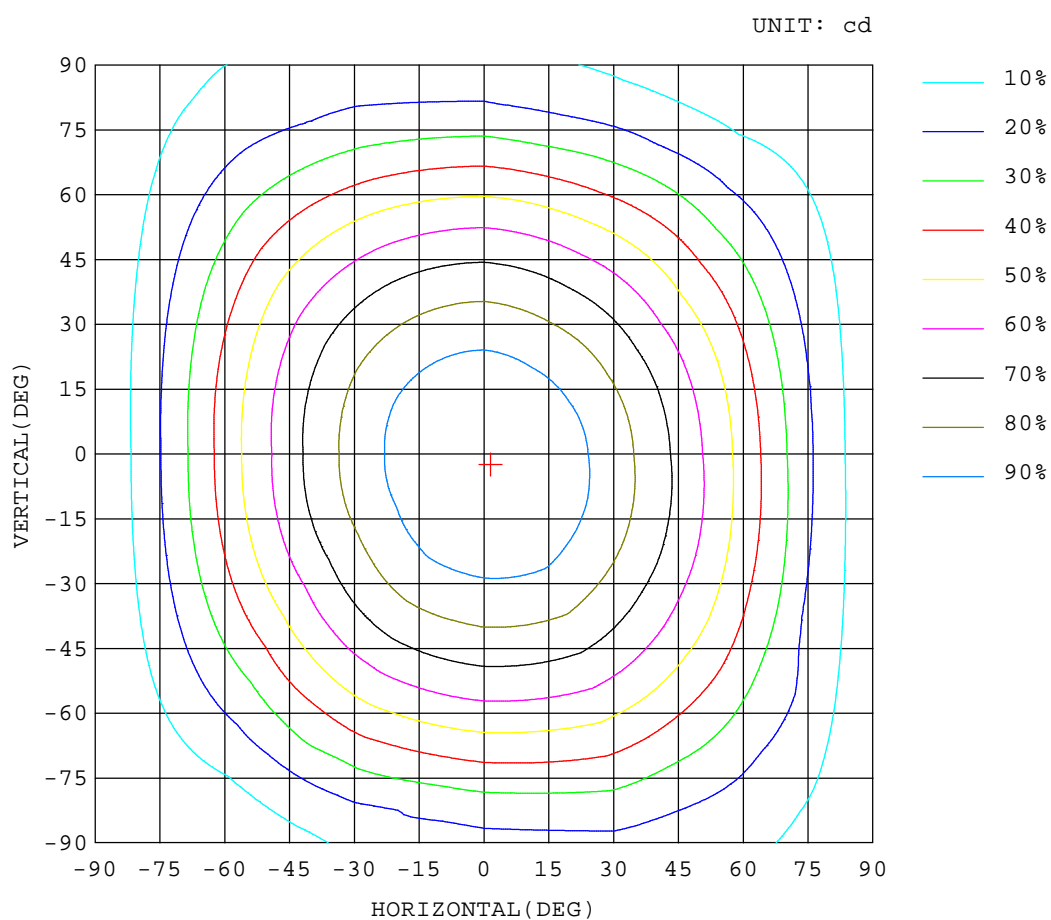
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年04月22日

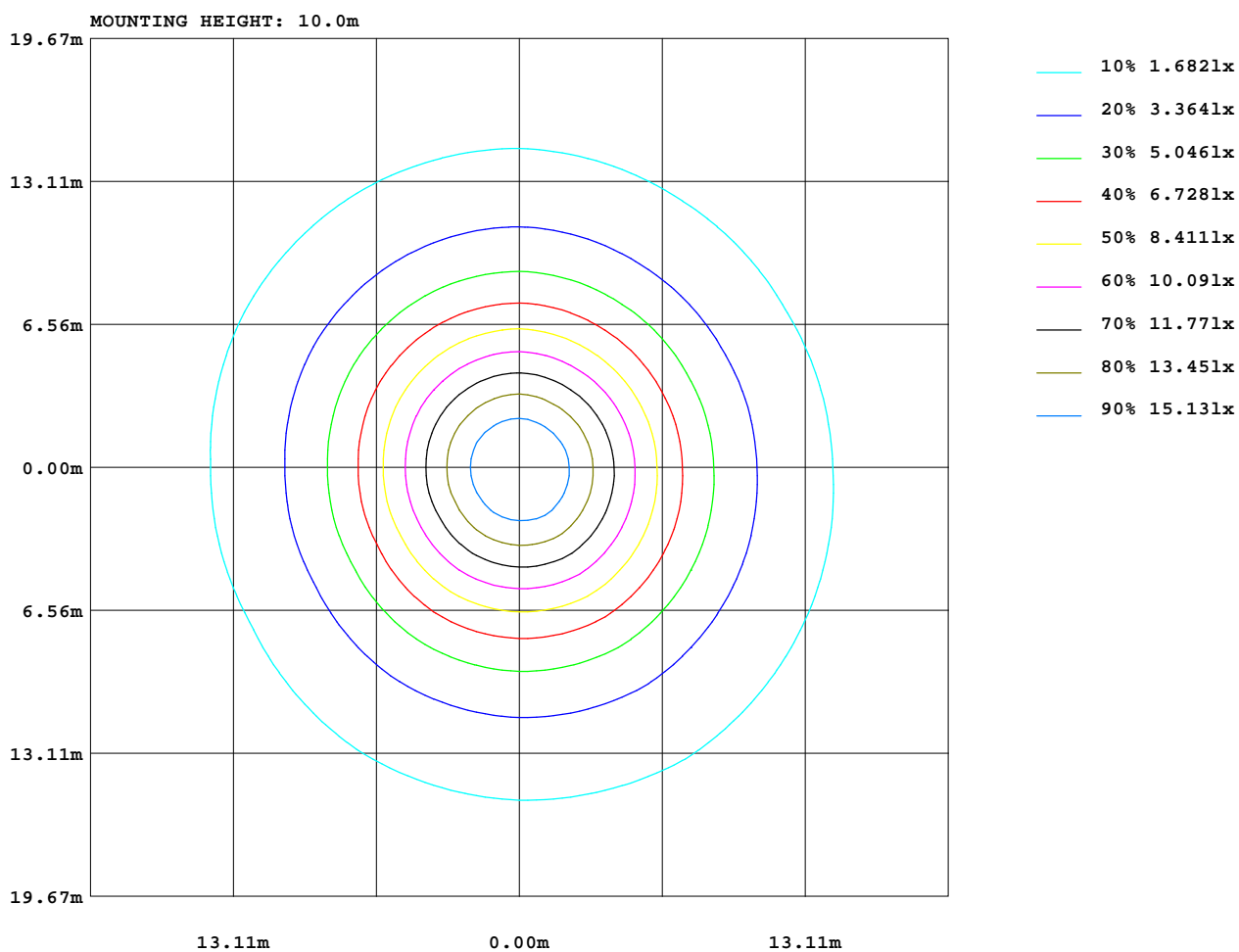
Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:11.000 m  
Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年04月22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: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:

90	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a					
	0.20	0.95	2.20	3.68	5.13	6.61	7.76	8.41	8.75	8.34	7.23	5.91	4.42	2.91	1.59	0.88	0.54	0.18	75.7	66.1							
80	0.23	1.19	2.92	5.09	7.55	10.0	12.2	13.5	14.2	13.8	12.4	10.4	8.10	5.56	3.29	1.75	0.83	0.21	124	119							
70	0.26	1.47	3.74	7.05	10.7	14.4	17.7	20.1	21.4	21.1	19.2	16.3	12.8	9.05	5.38	2.89	1.20	0.26	185	184							
60	0.29	1.76	4.83	9.21	14.1	19.1	23.6	26.8	28.6	28.3	26.0	22.3	17.7	12.7	7.87	4.03	1.61	0.30	250	249							
50	0.32	2.08	5.88	11.2	17.3	23.5	28.9	32.9	35.0	34.8	32.1	27.8	22.2	16.0	10.1	5.34	1.95	0.35	308	308							
40	0.34	2.37	6.74	12.8	20.0	27.2	33.5	38.2	40.7	40.5	37.5	32.6	26.1	19.0	12.2	6.44	2.31	0.39	359	359							
30	0.36	2.63	7.35	14.1	22.0	30.1	37.1	42.4	45.2	45.0	41.9	36.5	29.3	21.5	13.8	7.32	2.63	0.42	400	400							
VERTICAL (DEG)	0.37	2.77	7.74	14.9	23.3	32.0	39.7	45.4	48.5	48.3	45.1	39.3	31.7	23.3	15.0	7.94	2.85	0.45	429	429							
	0.37	2.81	7.87	15.2	23.9	32.8	40.9	47.0	50.3	50.2	47.0	41.0	33.1	24.3	15.7	8.31	2.99	0.47	445	444							
	0.36	2.79	7.81	15.1	23.8	32.7	40.8	47.0	50.4	50.7	47.5	41.5	33.5	24.6	15.9	8.46	3.05	0.48	447	447							
	0.35	2.70	7.57	14.7	23.1	31.7	39.6	45.8	49.3	49.7	46.7	40.8	33.0	24.3	15.8	8.39	3.05	0.48	438	437							
	0.33	2.51	7.07	13.7	21.5	29.7	37.4	43.5	46.8	47.2	44.6	39.0	31.6	23.3	15.1	8.07	2.94	0.47	415	415							
	0.30	2.19	6.36	12.2	19.3	27.1	34.3	39.8	42.8	43.2	41.0	36.1	29.2	21.5	14.0	7.48	2.75	0.45	381	380							
	0.27	1.84	5.40	10.3	16.7	23.7	30.1	34.9	37.6	38.1	36.2	32.2	26.0	19.2	12.5	6.68	2.50	0.42	335	335							
	0.23	1.46	4.19	8.30	13.7	19.6	25.1	29.1	31.5	32.0	30.5	27.3	22.2	16.3	10.6	5.69	2.24	0.39	281	280							
	0.19	1.07	2.92	5.98	10.3	15.0	19.4	22.5	24.6	25.1	24.0	21.7	17.7	13.0	8.59	4.77	1.87	0.35	220	218							
	0.16	0.71	1.75	3.67	6.69	10.1	13.3	15.6	17.3	17.8	17.2	15.7	13.0	9.75	6.57	3.65	1.52	0.31	155	152							
0.13	0.43	0.84	1.84	3.68	5.85	7.89	9.50	10.8	11.3	11.0	10.3	8.77	6.62	4.58	2.71	1.21	0.27	98.0	92.1								
-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)												20	30	40	50	60	70	80	90
Φ t	5.05	33.7	93.2	179	284	392	490	563	604	606	568	498	401	294	189	101	38.1	6.64	5638								
Φ a	0.95	28.9	89.9	177	282	392	490	563	604	606	568	497	400	291	187	98.4	34.5	2.77		5392							

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月22日

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

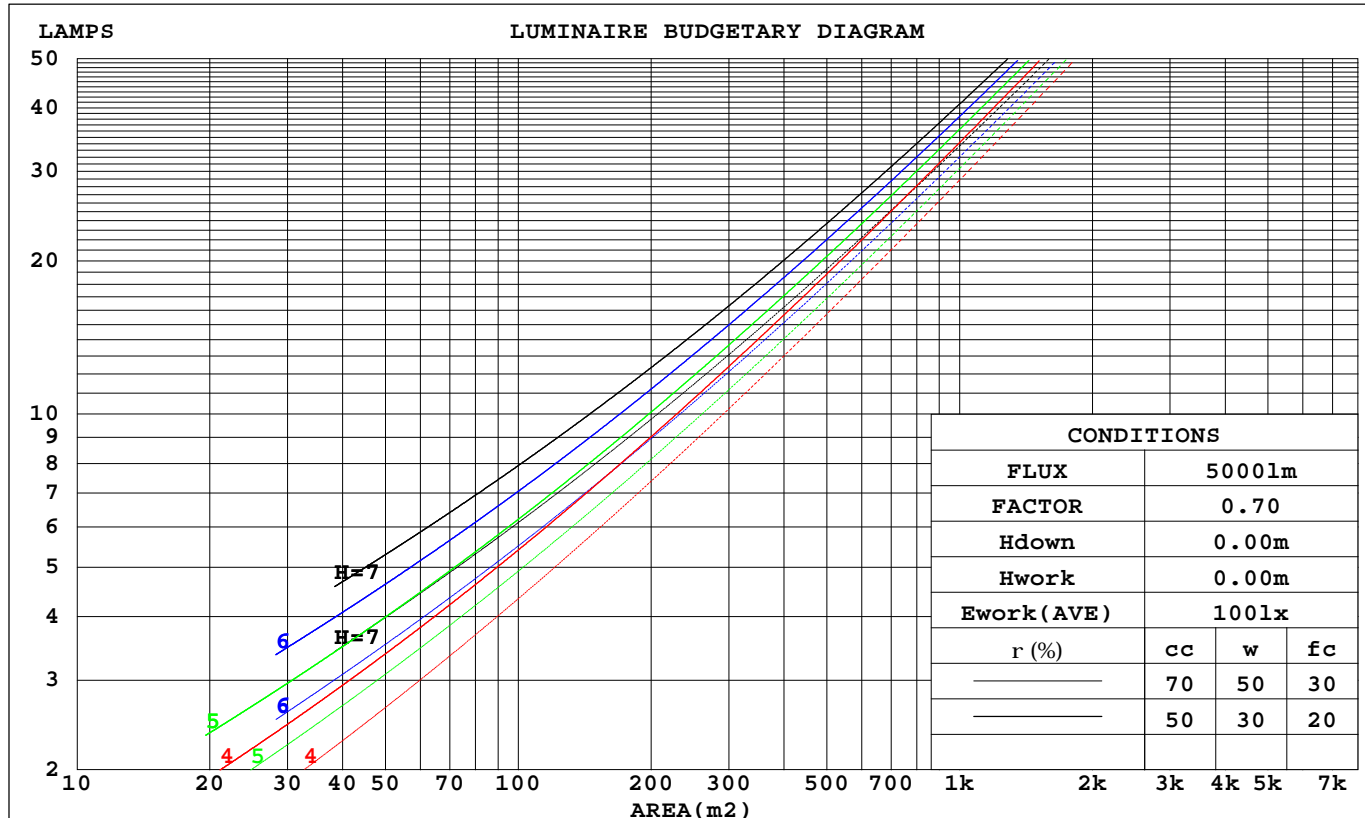
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:															
Address:															
NAME: RE-T014D3-50WCFF-TC-TL								TYPE:				WEIGHT:			
SPECIFICATION:								DIMENSION: 1210*85mm				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22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: RE-T014D3-50WCFF-TC-TL								TYPE:				WEIGHT:		
SPECIFICATION:								DIMENSION: 1210*85mm				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	.347	.197	.063	.338	.193	.061	.322	.185	.059	.307	.177	.057	.293	.170	.055	
2.0	.313	.172	.053	.306	.168	.052	.291	.162	.050	.277	.156	.049	.265	.150	.047	
3.0	.284	.151	.045	.277	.148	.045	.264	.143	.044	.252	.138	.042	.241	.133	.041	
4.0	.259	.135	.040	.253	.132	.039	.241	.128	.038	.230	.124	.037	.220	.120	.036	
5.0	.238	.121	.035	.232	.119	.035	.222	.115	.034	.212	.112	.033	.203	.108	.033	
6.0	.219	.110	.031	.214	.108	.031	.205	.105	.031	.196	.102	.030	.188	.099	.029	
7.0	.203	.100	.028	.198	.099	.028	.190	.096	.028	.182	.093	.027	.175	.091	.027	
8.0	.189	.092	.026	.185	.091	.026	.177	.088	.025	.170	.086	.025	.163	.084	.024	
9.0	.177	.085	.024	.173	.084	.024	.166	.082	.023	.159	.080	.023	.153	.078	.022	
10.0	.166	.079	.022	.162	.078	.022	.156	.076	.022	.150	.074	.021	.144	.073	.021	

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	.230	.230	.230	.196	.196	.196	.134	.134	.134	.077	.077	.077	.025	.025	.025	
1.0	.223	.196	.171	.190	.168	.147	.130	.115	.102	.075	.067	.059	.024	.022	.019	
2.0	.215	.172	.135	.184	.148	.117	.126	.102	.082	.073	.060	.048	.023	.019	.016	
3.0	.207	.155	.112	.178	.133	.098	.122	.093	.068	.071	.054	.040	.023	.018	.013	
4.0	.200	.142	.097	.171	.122	.084	.118	.085	.059	.068	.050	.035	.022	.016	.012	
5.0	.192	.131	.087	.165	.114	.075	.114	.079	.053	.066	.047	.032	.021	.015	.010	
6.0	.185	.123	.079	.159	.107	.069	.110	.075	.049	.064	.044	.029	.021	.014	.010	
7.0	.178	.116	.073	.153	.101	.064	.106	.071	.045	.061	.042	.027	.020	.014	.009	
8.0	.171	.111	.069	.147	.096	.060	.102	.067	.043	.059	.040	.025	.019	.013	.008	
9.0	.165	.106	.066	.142	.092	.057	.098	.064	.041	.057	.038	.024	.019	.013	.008	
10.0	.159	.101	.063	.137	.088	.055	.095	.062	.039	.055	.037	.023	.018	.012	.008	

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月22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: RE-T014D3-50WCFF-TC-TL					TYPE:			WEIGHT:			
SPECIFICATION:					DIMENSION: 1210*85mm			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	22.9	24.4	23.2	24.7	25.0	23.7	25.2	24.0	25.5	25.8
	3H	24.6	25.9	24.9	26.3	26.6	25.7	27.1	26.1	27.4	27.8
	4H	25.3	26.6	25.7	26.9	27.3	26.8	28.1	27.1	28.4	28.8
	6H	25.8	27.1	26.2	27.4	27.8	27.8	29.0	28.2	29.4	29.8
	8H	26.1	27.3	26.5	27.6	28.0	28.3	29.5	28.7	29.9	30.3
	12H	26.3	27.4	26.7	27.8	28.2	28.9	30.1	29.4	30.5	30.9
4H	2H	23.8	25.1	24.2	25.4	25.8	24.3	25.7	24.7	26.0	26.4
	3H	25.7	26.8	26.1	27.2	27.6	26.7	27.8	27.1	28.2	28.6
	4H	26.6	27.6	27.0	28.0	28.5	27.9	28.9	28.3	29.4	29.8
	6H	27.3	28.3	27.8	28.7	29.2	29.1	30.0	29.6	30.5	31.0
	8H	27.6	28.5	28.1	29.0	29.5	29.7	30.6	30.2	31.1	31.6
	12H	27.9	28.7	28.4	29.2	29.7	30.5	31.3	31.0	31.8	32.3
8H	4H	27.2	28.1	27.7	28.5	29.0	28.3	29.2	28.8	29.6	30.1
	6H	28.3	29.0	28.8	29.5	30.0	29.8	30.5	30.3	31.0	31.6
	8H	28.8	29.4	29.3	29.9	30.5	30.6	31.3	31.2	31.8	32.4
	12H	29.2	29.8	29.8	30.3	30.9	31.6	32.2	32.1	32.7	33.3
12H	4H	27.3	28.2	27.8	28.6	29.1	28.3	29.1	28.8	29.6	30.1
	6H	28.5	29.2	29.1	29.7	30.3	29.9	30.6	30.5	31.1	31.7
	8H	29.2	29.7	29.7	30.3	30.9	30.9	31.4	31.4	32.0	32.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.4					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 5638 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.0)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年04月22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: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	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) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	35	53	41	34	52	41	34	28
0.80	63	51	43	62	51	43	60	50	43	36
1.00	72	60	52	70	59	52	68	60	51	43
1.25	79	67	59	77	66	59	74	65	58	50
1.50	84	73	65	82	72	64	78	70	63	55
2.00	91	81	74	89	80	73	84	77	71	62
2.50	95	86	79	93	84	78	88	81	76	66
3.00	98	91	84	96	89	83	91	85	80	70
4.00	103	96	91	100	94	89	95	90	86	75
5.00	105	100	95	103	97	93	97	93	89	78
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22日

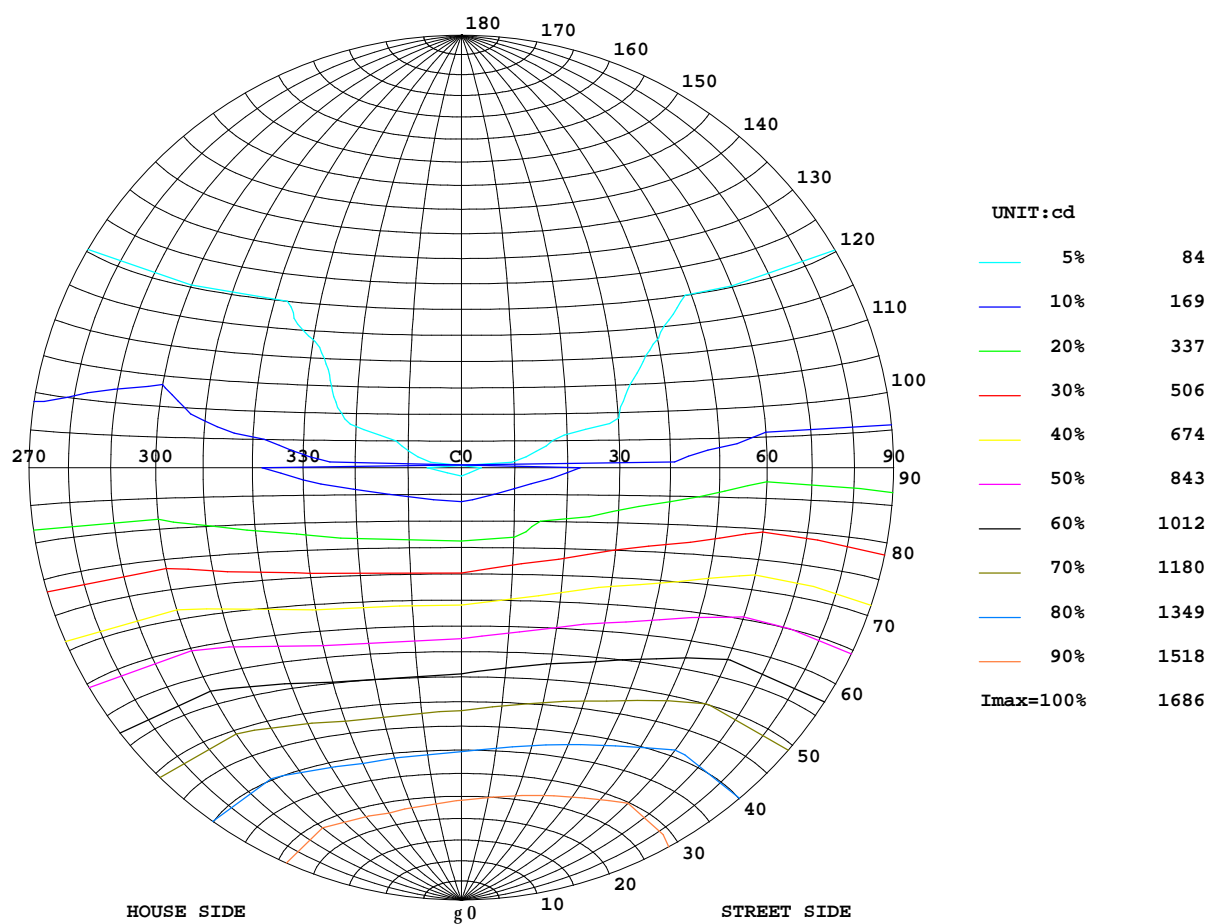
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年04月22日

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

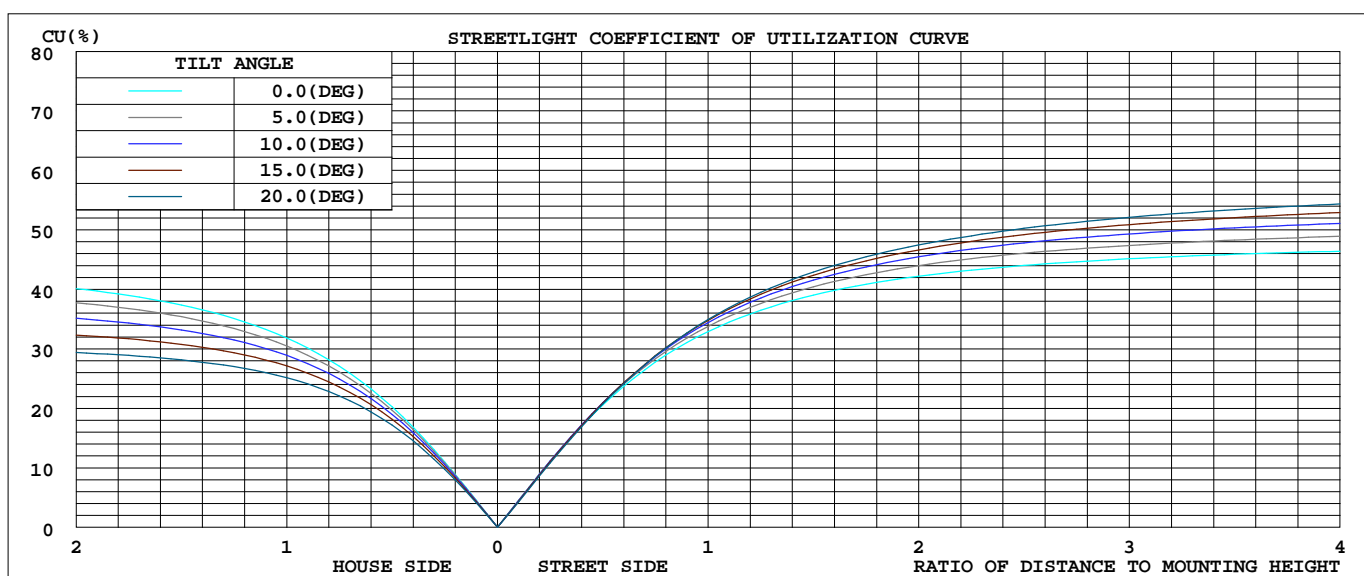
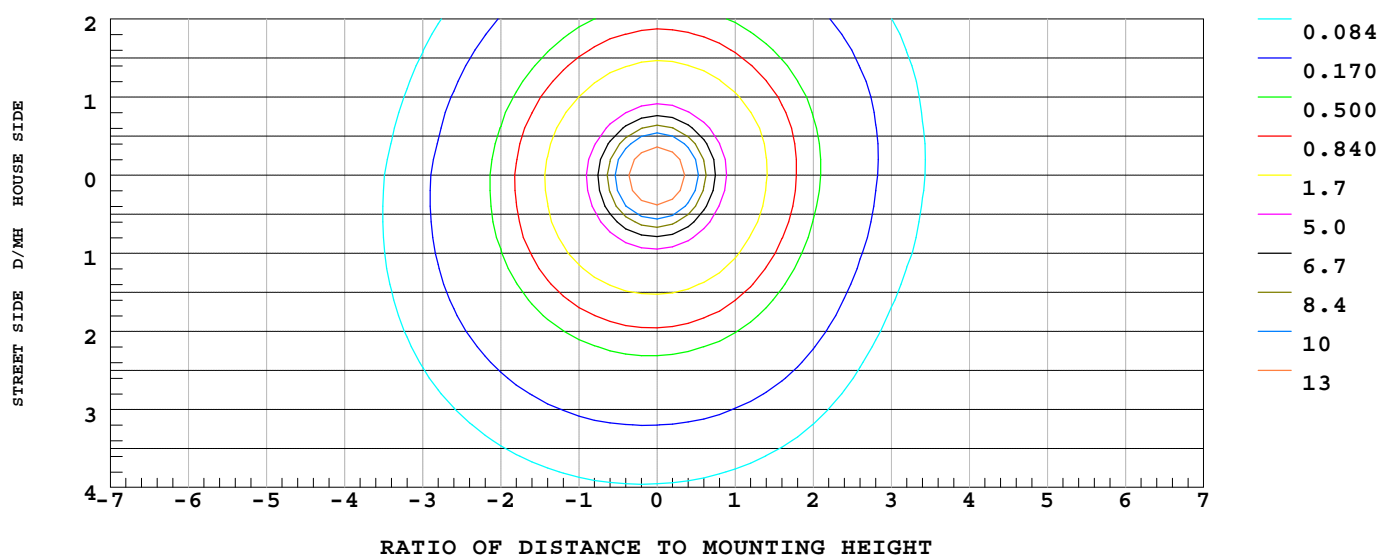
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 16.82 lx



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年04月22日

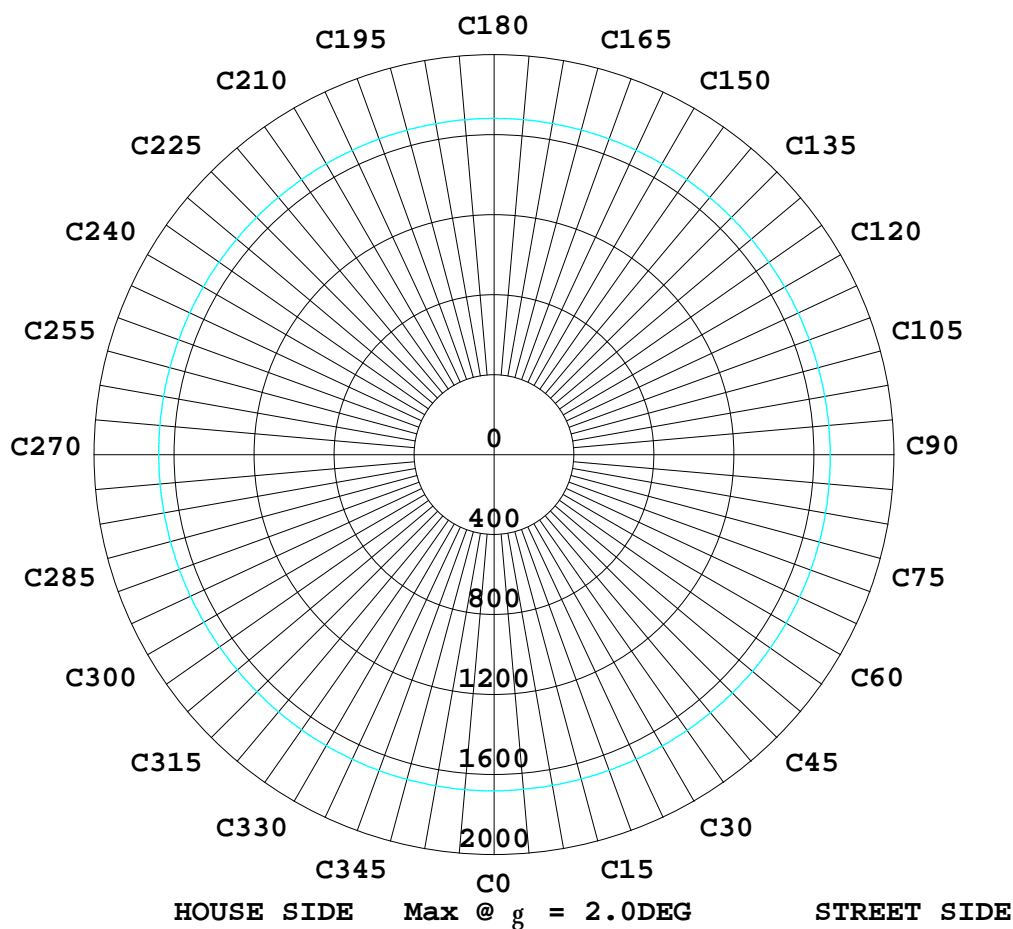
Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:11.000 m  
Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2021年04月22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: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1682	1682	1684	1681	1678	1680	1682	1682	1684	1681	1678	1680
5.0	1676	1677	1685	1678	1674	1673	1675	1673	1673	1671	1666	1673
10.0	1655	1662	1676	1670	1661	1651	1650	1651	1650	1647	1641	1649
15.0	1620	1635	1655	1647	1634	1613	1610	1613	1610	1613	1602	1609
20.0	1568	1592	1619	1610	1592	1561	1555	1563	1561	1565	1550	1556
25.0	1505	1536	1573	1562	1541	1497	1491	1501	1502	1506	1488	1488
30.0	1430	1473	1515	1502	1476	1422	1409	1427	1429	1433	1410	1409
35.0	1341	1393	1445	1430	1394	1330	1321	1345	1350	1353	1325	1321
40.0	1246	1304	1366	1350	1310	1232	1222	1252	1263	1265	1231	1221
45.0	1143	1209	1280	1262	1218	1126	1109	1148	1161	1165	1125	1110
50.0	1024	1104	1181	1161	1110	1007	993	1040	1055	1061	1015	996
55.0	905	995	1080	1056	1001	886	870	927	948	953	899	874
60.0	780	878	970	945	885	759	735	801	826	830	774	740
65.0	643	758	851	830	759	627	602	677	706	710	647	608
70.0	510	627	731	706	635	483	467	551	583	590	524	470
75.0	374	506	610	586	509	352	329	421	463	464	420	329
80.0	255	419	495	469	384	223	204	289	365	365	288	209
85.0	139	281	385	365	282	109	103	229	285	290	204	103
90.0	67.4	203	296	283	201	40.9	43.2	167	227	229	147	41.9
95.0	39.6	148	226	203	150	19.7	25.6	133	173	174	117	24.2
100.0	23.1	104	183	163	99.1	8.90	14.5	95.9	151	149	83.5	11.6
105.0	18.4	96.9	164	150	93.1	6.12	8.90	91.0	140	139	78.3	7.81
110.0	17.3	91.4	152	139	87.0	5.63	7.57	82.7	127	127	71.5	6.00
115.0	15.1	79.4	138	127	80.0	2.61	6.12	74.2	115	115	64.0	5.27
120.0	10.7	71.9	124	116	72.0	3.94	6.36	63.7	103	101	57.3	2.12
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  
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