

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

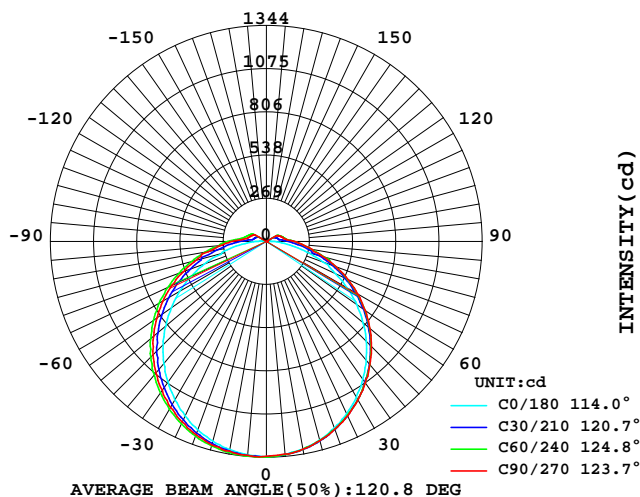
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

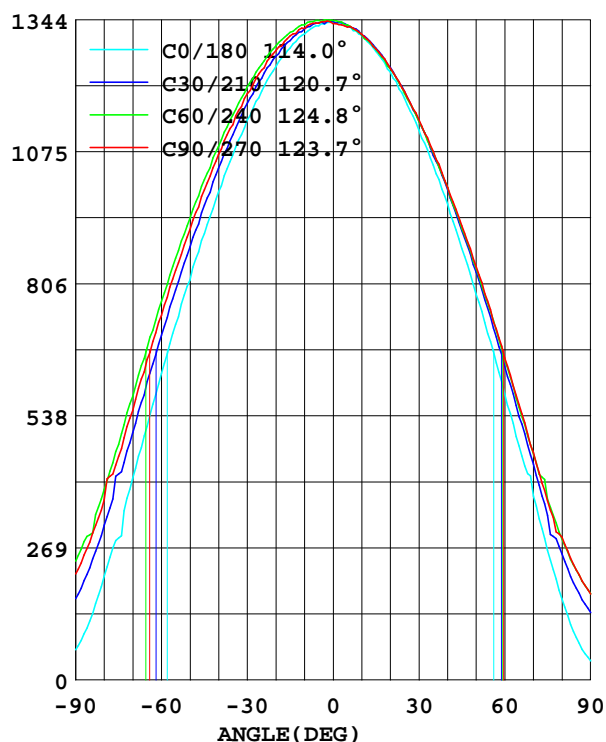
MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:

DATA OF LAMP		Imax(cd)	1344	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.33
NOMINAL POWER(W)	34	TOTAL FLUX(lm)	4450.7	Voltage(V)	218.0
RATED VOLTAGE(V)	218	EFFICIENCY(lm/W)	127.9	Current(A)	0.170
NOMINAL FLUX(lm)	4450.7	h up(%)	4.9	Power(W)	34.79
LAMPS QUANTITY	1	h down(%)	95.1	Power Factor(PF)	0.936
TEST VOLTAGE(V)	218.0	Effective Flux(lm)	4254.6	EEI	0.111

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

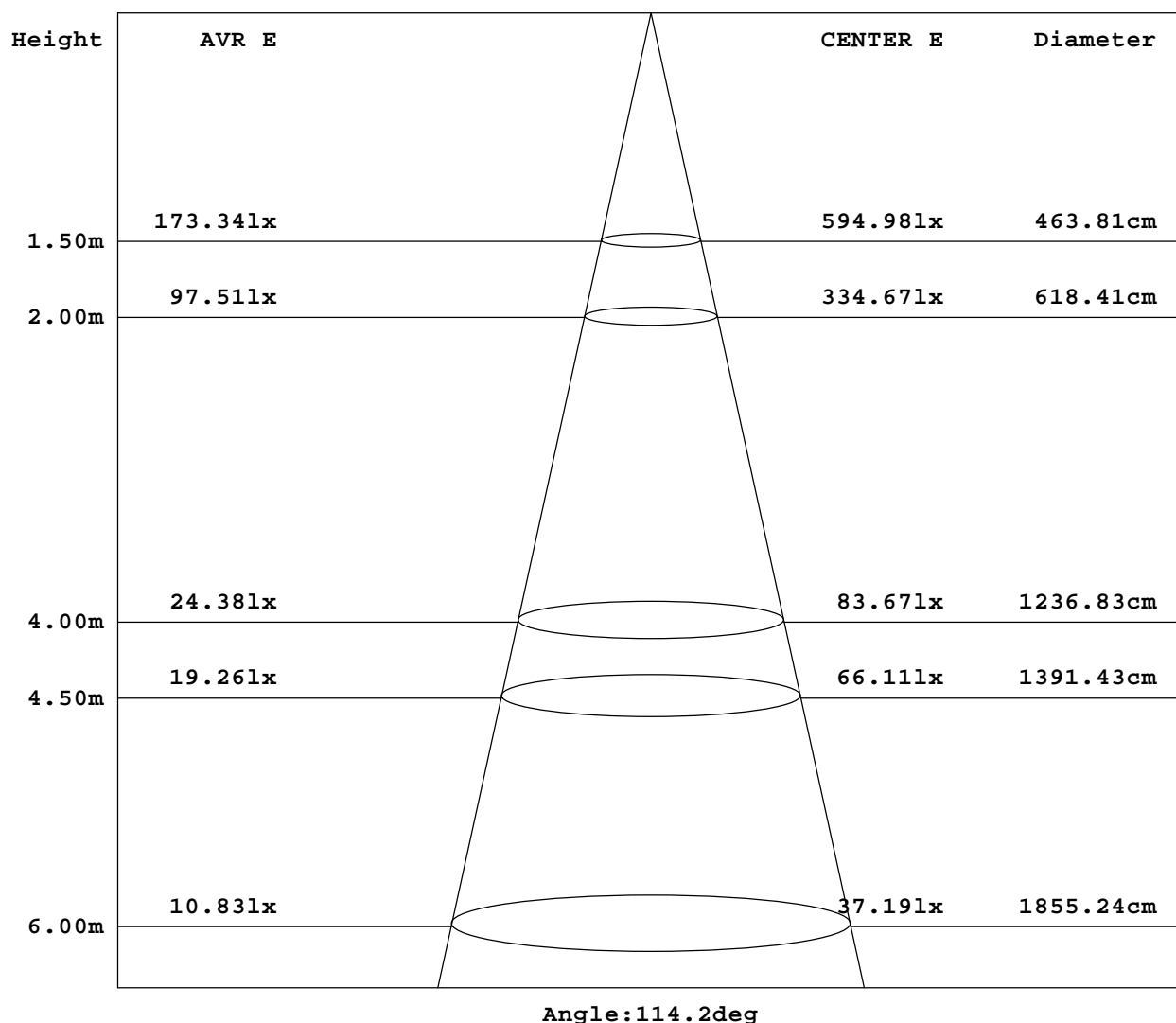
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# 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	1331	1340	1336	1336	1329	1333	1328	1331	0- 5	31.95	31.95
10.0	1315	1329	1326	1321	1312	1313	1314	1313	5- 10	94.90	126.8
15.0	1286	1310	1311	1293	1279	1284	1284	1279	10- 15	154.8	281.6
20.0	1248	1280	1280	1256	1237	1245	1245	1236	15- 20	209.7	491.4
25.0	1198	1239	1241	1208	1184	1195	1198	1185	20- 25	257.9	749.4
30.0	1140	1190	1193	1149	1119	1137	1140	1121	25- 30	298.0	1047
35.0	1069	1130	1130	1081	1048	1070	1076	1050	30- 35	328.6	1376
40.0	993.2	1063	1069	1007	968.1	999.8	1002	971.8	35- 40	349.1	1725
45.0	908.0	992.3	997.8	925.5	878.4	916.8	924.6	883.9	40- 45	358.9	2084
50.0	813.9	910.1	916.7	833.5	784.7	833.8	841.3	794.3	45- 50	358.1	2442
55.0	723.6	826.0	833.1	740.5	689.0	744.4	753.0	699.2	50- 55	346.4	2789
60.0	624.4	736.2	742.5	642.3	582.5	645.5	655.2	594.0	55- 60	324.7	3113
65.0	516.3	641.3	652.3	537.9	476.4	544.9	560.7	487.0	60- 65	293.3	3407
70.0	410.6	539.9	548.4	430.8	374.4	449.7	462.6	392.1	65- 70	254.5	3661
75.0	288.6	448.9	455.2	326.6	263.4	351.2	364.4	281.5	70- 75	208.8	3870
80.0	211.5	351.5	367.3	225.7	165.1	271.8	290.5	186.2	75- 80	162.2	4032
85.0	120.1	261.7	280.4	139.7	85.98	205.0	223.8	109.3	80- 85	117.9	4150
90.0	61.78	203.7	215.6	81.02	38.91	156.2	174.7	62.14	85- 90	82.16	4233
95.0	37.70	146.7	151.4	53.67	24.87	119.3	131.1	44.35	90- 95	57.96	4291
100.0	21.36	113.8	120.3	33.79	13.14	98.02	111.1	27.74	95-100	41.95	4332
105.0	17.13	103.1	110.6	31.91	8.542	90.88	103.4	25.74	100-105	34.62	4367
110.0	15.68	95.42	102.6	29.37	6.485	82.59	94.08	23.08	105-110	30.98	4398
115.0	13.50	86.70	93.36	26.89	4.791	74.00	84.77	20.54	110-115	27.23	4425
120.0	8.905	76.00	84.77	23.63	4.670	64.32	73.51	18.06	115-120	23.29	4449
125.0	0	0	0	0	0	0	0	0	120-125	2.109	4451
130.0	0	0	0	0	0	0	0	0	125-130	0	4451
135.0	0	0	0	0	0	0	0	0	130-135	0	4451
140.0	0	0	0	0	0	0	0	0	135-140	0	4451
145.0	0	0	0	0	0	0	0	0	140-145	0	4451
150.0	0	0	0	0	0	0	0	0	145-150	0	4451
155.0	0	0	0	0	0	0	0	0	150-155	0	4451
160.0	0	0	0	0	0	0	0	0	155-160	0	4451
165.0	0	0	0	0	0	0	0	0	160-165	0	4451
170.0	0	0	0	0	0	0	0	0	165-170	0	4451
175.0	0	0	0	0	0	0	0	0	170-175	0	4451
180.0	0	0	0	0	0	0	0	0	175-180	0	4451
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

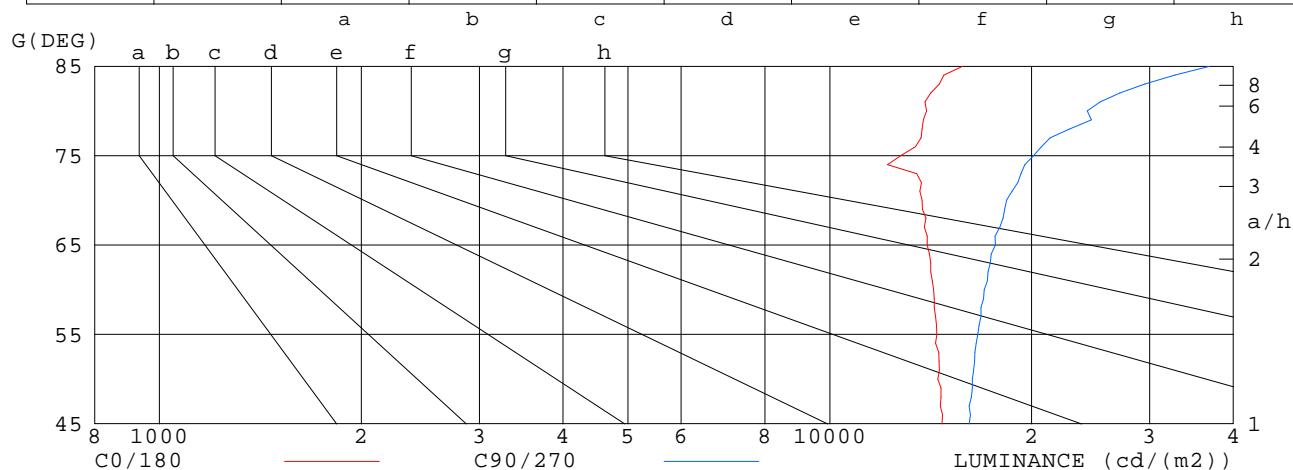
## LUMINANCE LIMITATION CURVES

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	15767	36814
80	13941	24202
75	12761	20126
70	13737	18347
65	13980	17662
60	14289	16992
55	14435	16620
50	14488	16319
45	14693	16146

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

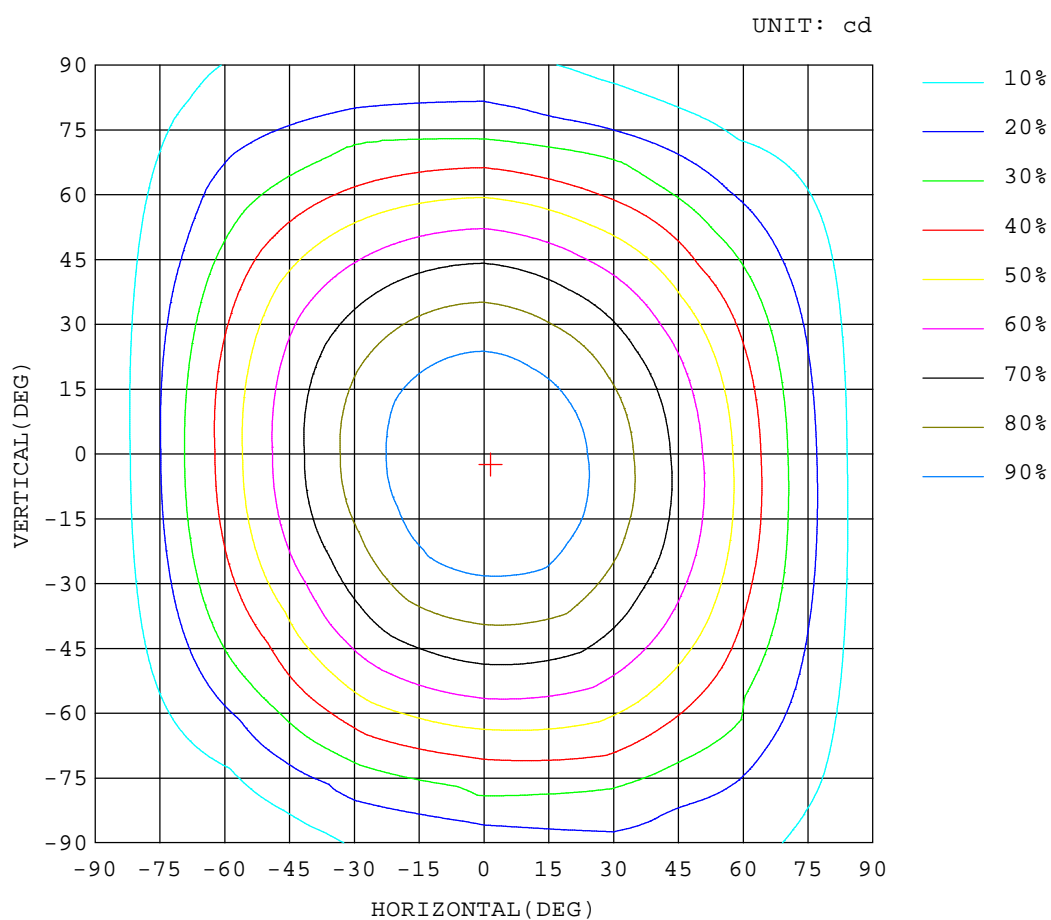
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# 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

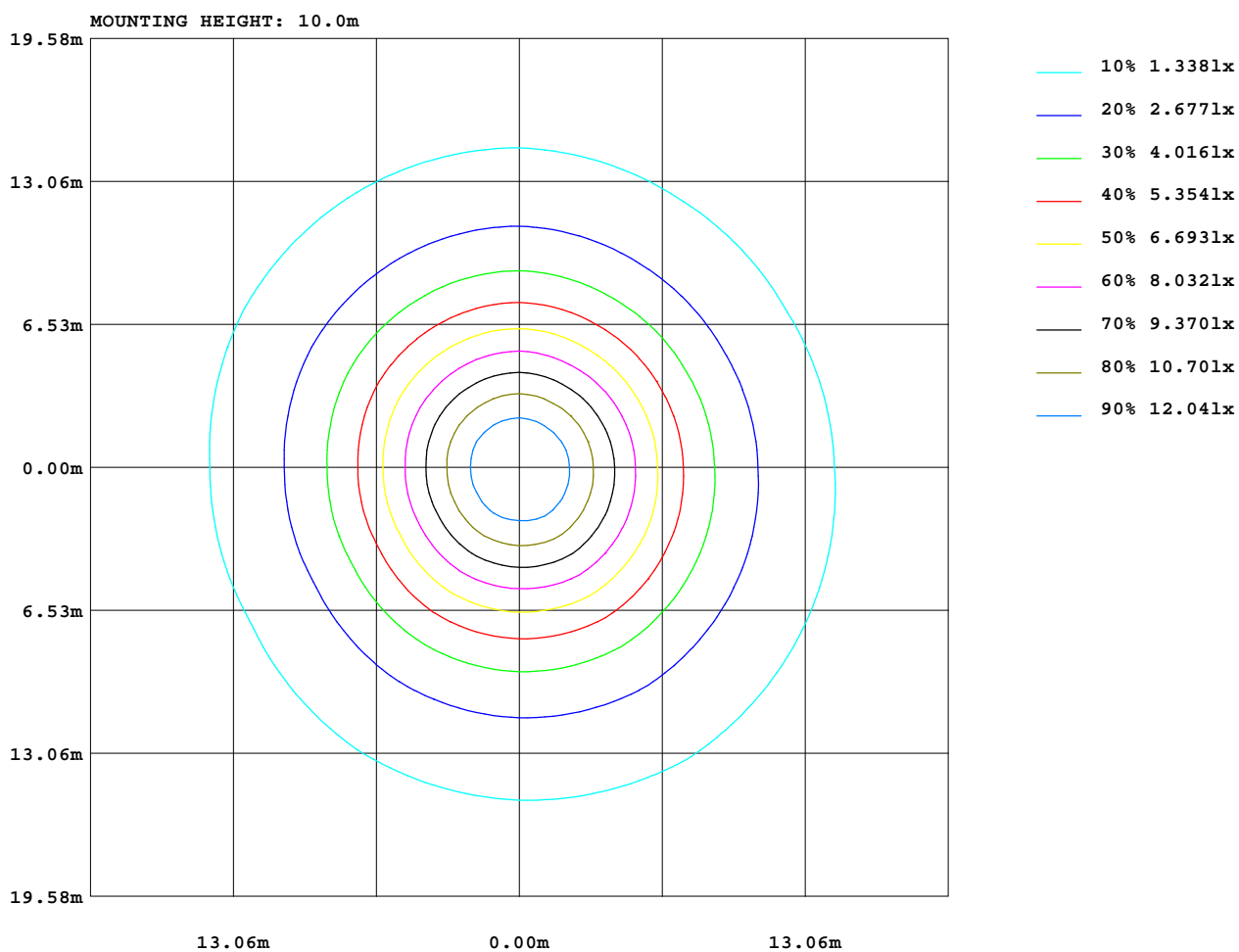
Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:11.000 m  
Remarks:

# 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.:



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.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm			Φ t	Φ a
	0.17	0.79	1.80	2.97	4.09	5.20	6.07	6.59	6.86	6.49	5.50	4.37	3.18	2.04	1.05	0.59	0.41	0.15	58.3	50.1		
90	0.19	0.98	2.38	4.18	6.00	7.92	9.57	10.5	11.0	10.7	9.63	7.99	6.14	4.22	2.43	1.29	0.64	0.18	96.2	92.5		
80	0.22	1.21	3.09	5.57	8.52	11.4	13.9	15.8	16.8	16.5	15.0	12.8	10.0	6.99	4.23	2.27	0.95	0.22	146	145		
70	0.24	1.45	3.81	7.34	11.2	15.1	18.6	21.2	22.6	22.3	20.4	17.5	13.8	9.93	6.02	3.24	1.30	0.25	197	196		
60	0.26	1.68	4.64	8.94	13.8	18.6	22.9	26.1	27.8	27.6	25.4	21.9	17.5	12.6	7.99	4.14	1.63	0.29	244	244		
50	0.28	1.89	5.35	10.2	15.9	21.6	26.6	30.3	32.3	32.1	29.7	25.8	20.7	15.0	9.66	5.06	1.90	0.33	285	285		
40	0.30	2.06	5.86	11.2	17.5	23.9	29.5	33.7	36.0	35.8	33.3	29.0	23.2	17.0	11.0	5.81	2.13	0.36	318	318		
30	0.30	2.17	6.17	11.8	18.5	25.4	31.6	36.1	38.6	38.5	35.9	31.3	25.2	18.5	11.9	6.34	2.31	0.38	342	341		
	0.30	2.20	6.27	12.0	18.9	26.0	32.5	37.4	40.0	40.0	37.4	32.6	26.3	19.3	12.5	6.65	2.43	0.40	354	354		
	0.30	2.17	6.21	12.0	18.8	25.9	32.4	37.4	40.2	40.3	37.8	33.0	26.7	19.6	12.7	6.78	2.49	0.40	356	356		
	0.29	2.09	6.00	11.5	18.2	25.1	31.4	36.5	39.3	39.6	37.2	32.5	26.3	19.4	12.6	6.73	2.49	0.40	348	348		
-30	0.27	1.93	5.58	10.7	16.9	23.5	29.7	34.6	37.2	37.5	35.5	31.0	25.2	18.6	12.1	6.46	2.41	0.40	330	330		
-40	0.25	1.71	4.97	9.55	15.1	21.3	27.1	31.5	33.9	34.3	32.6	28.7	23.2	17.2	11.2	5.99	2.28	0.38	302	302		
-50	0.22	1.43	4.13	8.08	13.0	18.6	23.8	27.6	29.7	30.1	28.8	25.6	20.7	15.3	10.0	5.36	2.09	0.36	265	265		
-60	0.19	1.12	3.16	6.38	10.6	15.3	19.7	22.9	24.8	25.2	24.1	21.7	17.6	13.0	8.52	4.68	1.83	0.33	222	221		
-70	0.15	0.81	2.17	4.45	7.89	11.6	15.0	17.6	19.2	19.7	18.9	17.2	14.0	10.4	7.00	3.83	1.54	0.30	172	171		
-80	0.13	0.52	1.23	2.65	4.99	7.67	10.1	12.1	13.5	14.0	13.5	12.4	10.3	7.74	5.21	2.97	1.26	0.27	121	118		
-90	0.10	0.30	0.50	1.18	2.62	4.38	5.99	7.23	8.25	8.72	8.59	8.12	6.95	5.30	3.71	2.22	1.01	0.24	75.4	70.5		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90		
Φ t	4.15	26.5	73.4	141	223	309	387	446	479	480	450	394	318	233	150	80.4	31.1	5.63	4451			
Φ a	0.82	22.7	70.9	139	222	309	387	446	479	480	450	393	316	231	148	78.6	28.5	2.60		4255		

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:

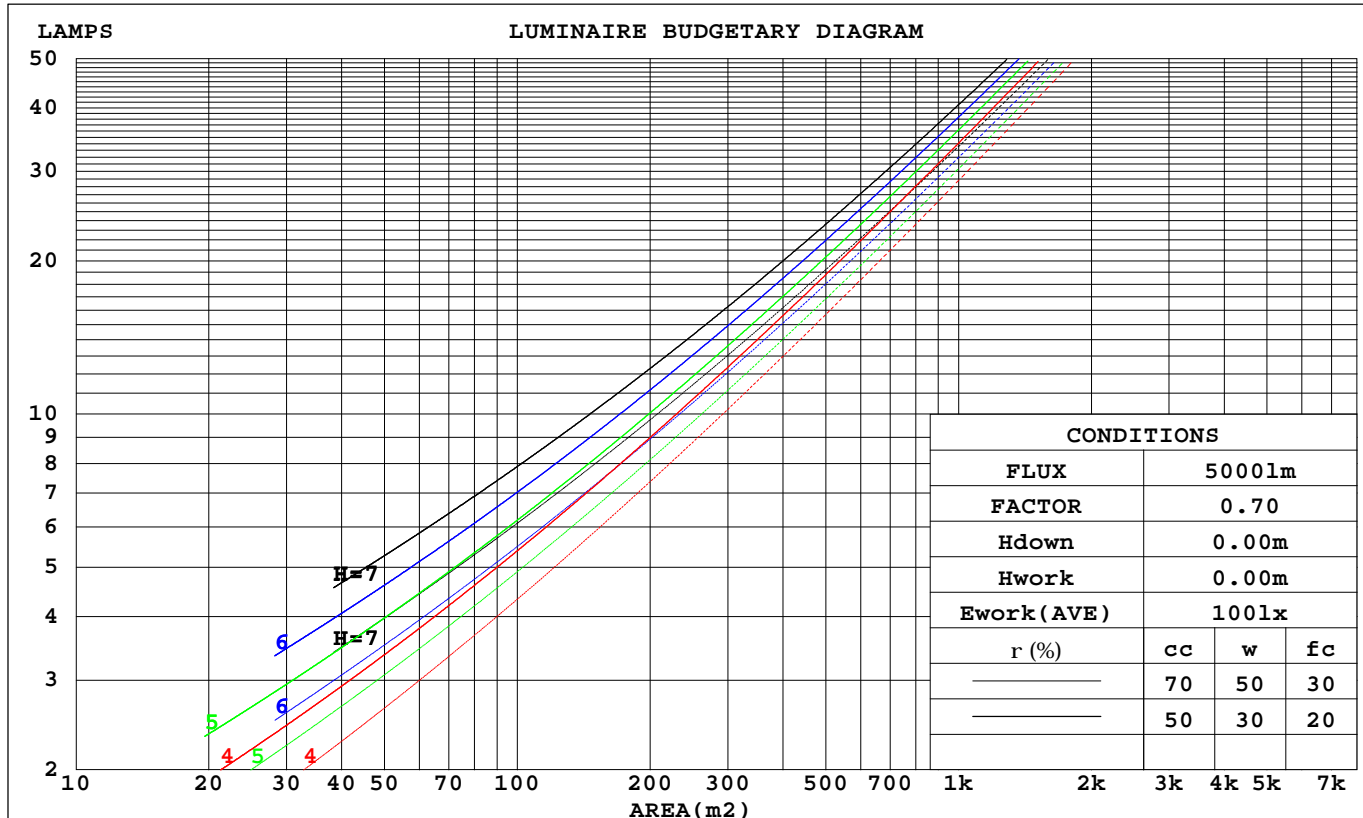
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## 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	.346	.197	.062	.337	.192	.061	.321	.184	.059	.306	.177	.057	.292	.169	.055															
2.0	.313	.171	.053	.305	.168	.052	.290	.161	.050	.277	.155	.049	.265	.150	.047															
3.0	.284	.151	.045	.277	.148	.045	.264	.143	.043	.252	.138	.042	.241	.133	.041															
4.0	.259	.134	.040	.253	.132	.039	.241	.128	.038	.230	.124	.037	.220	.120	.036															
5.0	.237	.121	.035	.232	.119	.035	.221	.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	.089	.025	.170	.086	.025	.163	.084	.024															
9.0	.176	.085	.024	.173	.084	.024	.166	.082	.023	.159	.080	.023	.153	.078	.022															
10.0	.165	.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	.228	.228	.228	.195	.195	.195	.133	.133	.133	.076	.076	.076	.024	.024	.024	
1.0	.220	.193	.169	.189	.166	.146	.129	.114	.101	.074	.066	.059	.024	.021	.019	
2.0	.213	.170	.133	.182	.146	.115	.125	.101	.080	.072	.059	.047	.023	.019	.015	
3.0	.205	.153	.110	.176	.132	.096	.121	.091	.067	.070	.053	.040	.022	.017	.013	
4.0	.197	.139	.095	.169	.121	.083	.117	.084	.058	.067	.049	.034	.022	.016	.011	
5.0	.190	.129	.085	.163	.112	.074	.112	.078	.052	.065	.046	.031	.021	.015	.010	
6.0	.183	.121	.077	.157	.105	.067	.108	.073	.047	.063	.043	.028	.020	.014	.009	
7.0	.176	.114	.071	.151	.099	.062	.104	.069	.044	.061	.041	.026	.020	.013	.009	
8.0	.169	.109	.067	.145	.094	.058	.101	.066	.041	.059	.039	.025	.019	.013	.008	
9.0	.163	.104	.064	.140	.090	.056	.097	.063	.039	.057	.037	.024	.018	.012	.008	
10.0	.157	.099	.061	.135	.086	.053	.094	.061	.038	.055	.036	.023	.018	.012	.007	

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	22.1	23.6	22.5	23.9	24.2	22.9	24.4	23.2	24.7	25.0
	3H	23.8	25.2	24.2	25.5	25.9	24.9	26.3	25.3	26.6	27.0
	4H	24.5	25.9	24.9	26.2	26.6	25.9	27.2	26.3	27.6	27.9
	6H	25.2	26.4	25.6	26.8	27.2	27.0	28.2	27.4	28.6	29.0
	8H	25.4	26.6	25.9	27.0	27.4	27.5	28.7	27.9	29.1	29.4
	12H	25.7	26.8	26.1	27.2	27.6	28.0	29.2	28.5	29.6	30.0
4H	2H	23.0	24.3	23.4	24.7	25.0	23.6	24.9	23.9	25.2	25.6
	3H	24.9	26.1	25.4	26.5	26.9	25.9	27.0	26.3	27.4	27.8
	4H	25.9	26.9	26.3	27.3	27.8	27.0	28.1	27.5	28.5	29.0
	6H	26.7	27.6	27.1	28.1	28.5	28.3	29.2	28.8	29.7	30.1
	8H	27.0	27.9	27.5	28.4	28.9	28.9	29.8	29.4	30.2	30.7
	12H	27.3	28.1	27.8	28.6	29.1	29.6	30.4	30.1	30.9	31.4
8H	4H	26.5	27.4	27.0	27.8	28.3	27.5	28.3	27.9	28.8	29.3
	6H	27.6	28.3	28.1	28.8	29.4	29.0	29.7	29.5	30.2	30.8
	8H	28.1	28.8	28.6	29.3	29.8	29.8	30.5	30.3	31.0	31.5
	12H	28.6	29.2	29.1	29.7	30.3	30.7	31.2	31.2	31.8	32.4
12H	4H	26.6	27.4	27.1	27.9	28.4	27.5	28.3	28.0	28.8	29.3
	6H	27.9	28.5	28.4	29.0	29.6	29.1	29.8	29.7	30.3	30.9
	8H	28.5	29.1	29.0	29.6	30.2	30.0	30.6	30.6	31.1	31.7
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	+ 0.3 / - 0.4					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 4451 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.2)

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	42	35	52	41	34	28
0.80	64	51	44	63	51	44	61	50	43	36
1.00	72	60	52	70	59	52	68	61	51	44
1.25	79	67	60	77	67	59	74	65	58	50
1.50	84	73	65	82	72	65	78	70	63	55
2.00	91	81	74	89	80	73	85	77	71	62
2.50	95	86	79	93	85	78	88	82	76	67
3.00	99	91	84	96	89	83	91	85	81	71
4.00	103	96	91	100	94	89	95	90	86	76
5.00	106	100	95	103	98	93	97	93	90	79
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

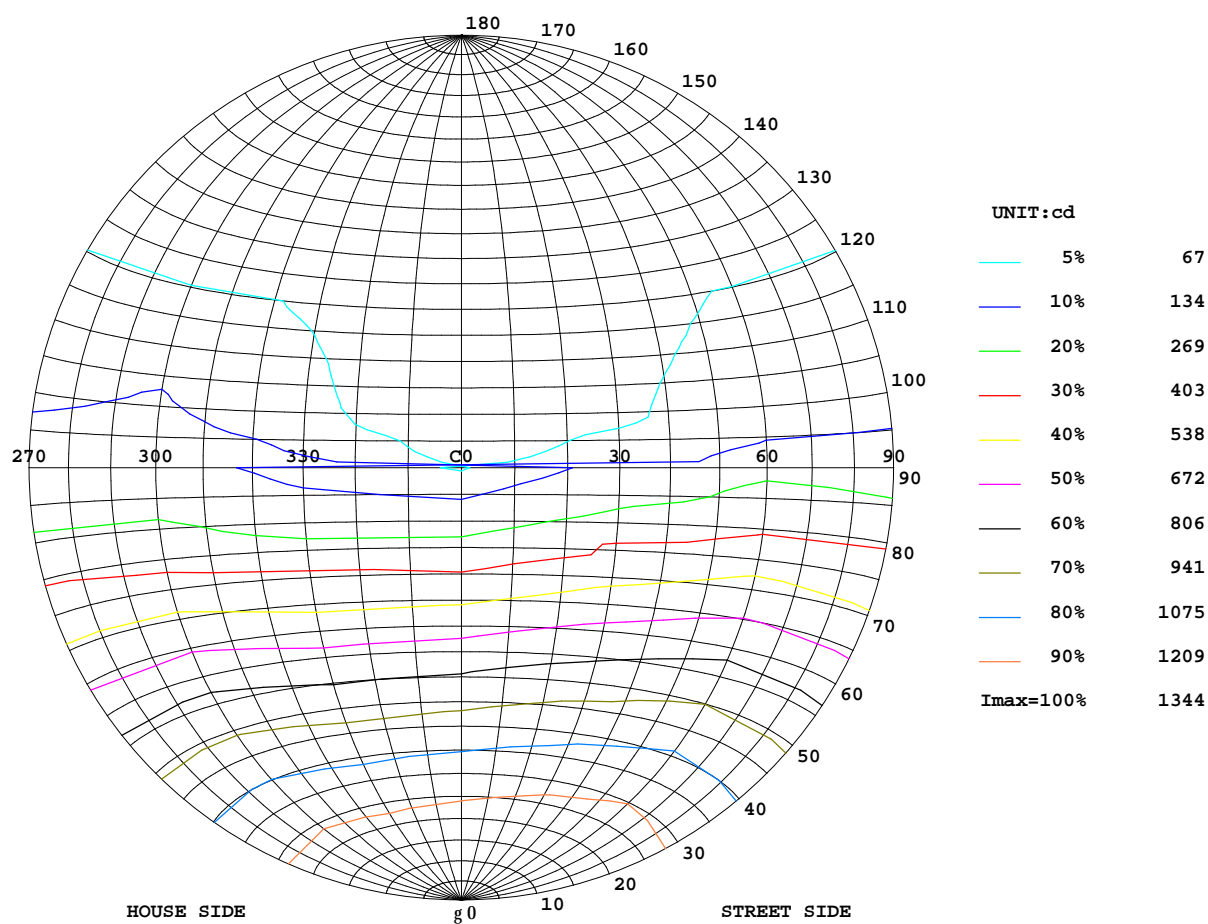
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# 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:

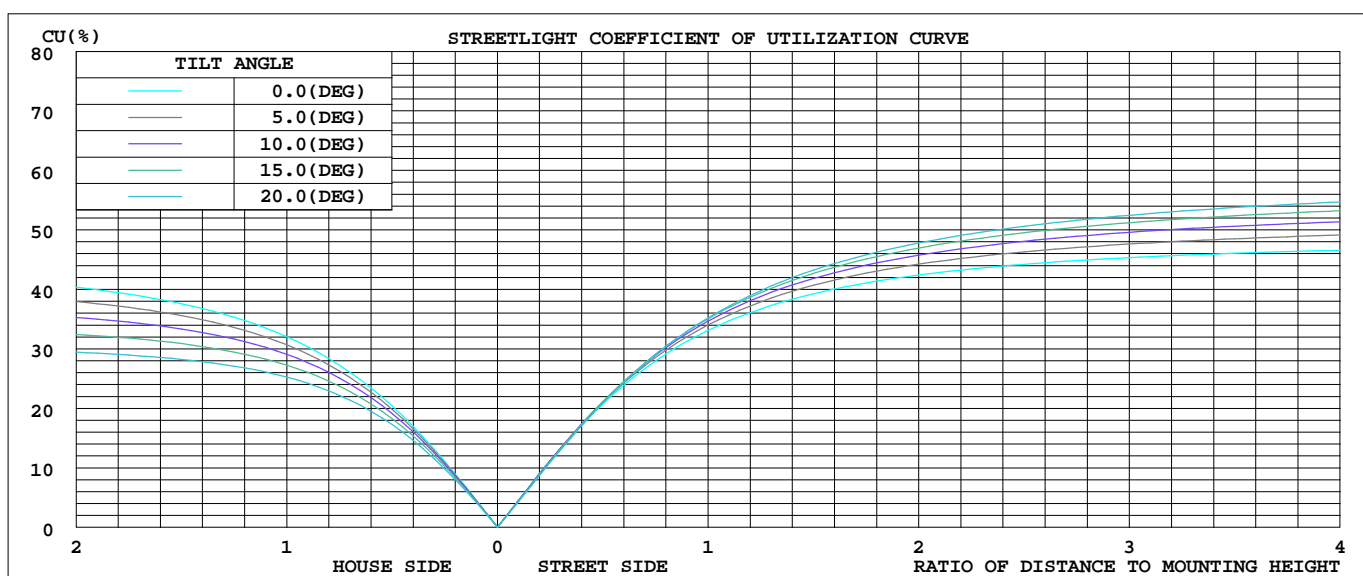
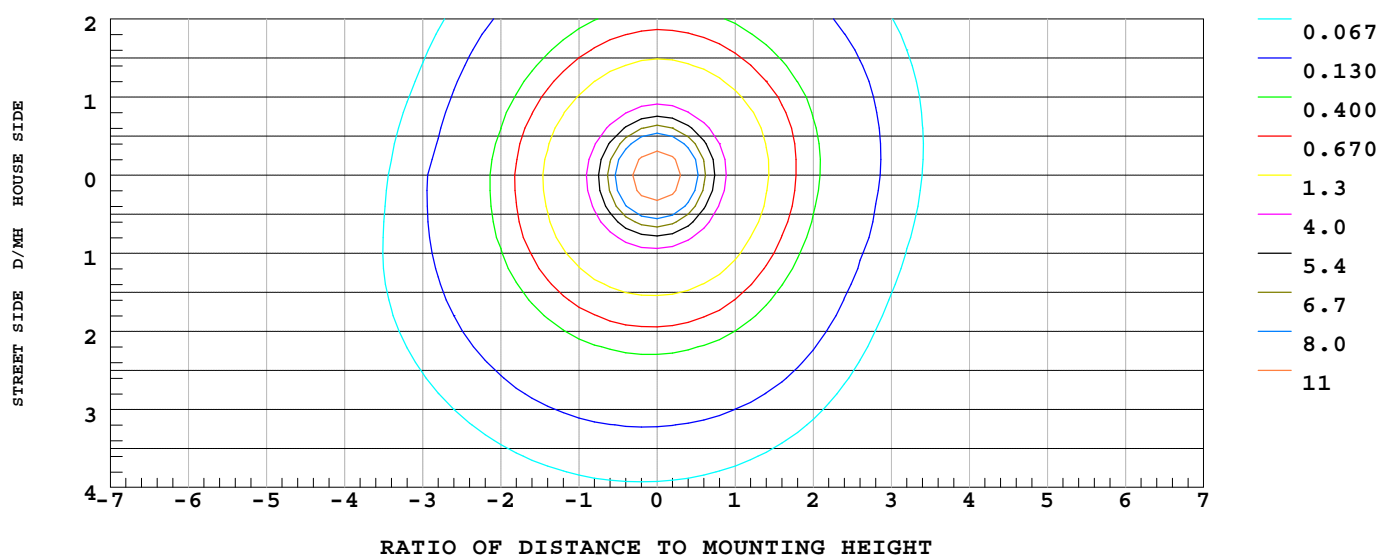
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## 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 = 13.39 lx



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

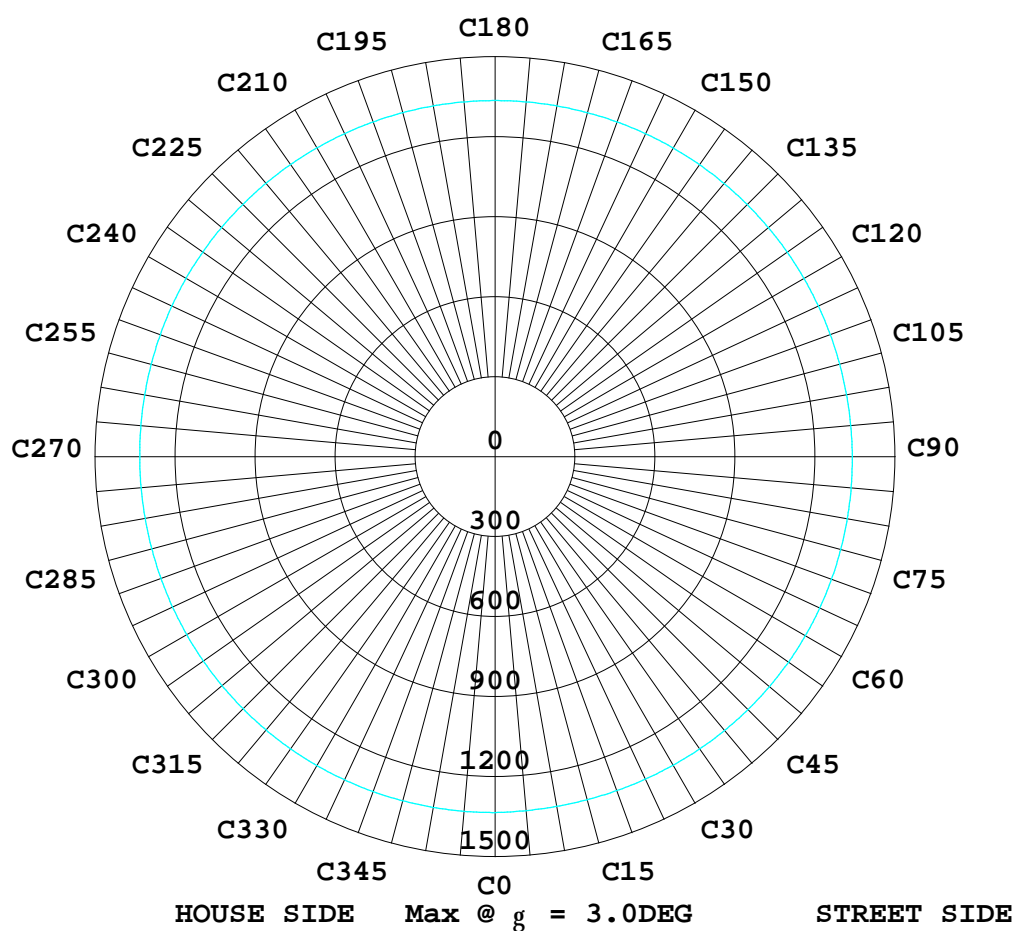
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# 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)	0	30	60	90	120	150	180	210	240	270	300	330
γ (DEG)												
0.0	1339	1340	1342	1336	1340	1341	1339	1340	1342	1336	1340	1341
5.0	1331	1337	1342	1336	1337	1334	1329	1333	1333	1328	1331	1331
10.0	1315	1325	1333	1326	1325	1317	1312	1313	1313	1314	1310	1315
15.0	1286	1301	1318	1311	1301	1286	1279	1286	1283	1284	1277	1280
20.0	1248	1269	1290	1280	1269	1242	1237	1247	1244	1245	1233	1239
25.0	1198	1224	1253	1241	1227	1189	1184	1197	1194	1198	1184	1187
30.0	1140	1174	1207	1193	1172	1126	1119	1138	1137	1140	1121	1121
35.0	1069	1110	1150	1130	1109	1054	1048	1067	1073	1076	1052	1048
40.0	993	1041	1085	1069	1040	975	968	998	1002	1002	976	967
45.0	908	966	1018	998	964	887	878	915	919	925	887	881
50.0	814	881	940	917	877	790	785	830	838	841	801	787
55.0	724	794	858	833	788	693	689	739	750	753	708	690
60.0	624	702	771	743	695	590	583	639	653	655	606	582
65.0	516	607	676	652	592	484	476	536	554	561	503	471
70.0	411	503	577	548	489	373	374	439	460	463	419	365
75.0	289	419	479	455	390	264	263	335	367	364	305	258
80.0	212	315	388	367	291	161	165	257	287	291	217	156
85.0	120	228	296	280	210	69.7	85.9	187	224	224	148	70.3
90.0	61.7	166	242	216	145	17.2	38.9	137	176	175	103	21.4
95.0	37.7	114	179	151	105	1.88	24.8	103	136	131	80.9	7.81
100.0	21.3	83.6	144	120	67.5	0.00	13.1	78.1	118	111	55.4	0.00
105.0	17.1	77.9	128	111	63.8	0.00	8.54	73.6	108	103	51.4	0.00
110.0	15.6	73.2	118	103	58.7	0.00	6.48	67.1	98.0	94.0	46.1	0.00
115.0	13.5	66.2	107	93.3	53.7	0.00	4.79	59.7	88.2	84.7	41.0	0.00
120.0	8.90	56.8	95.1	84.7	47.2	0.00	4.67	50.5	78.1	73.5	36.1	0.00
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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