

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

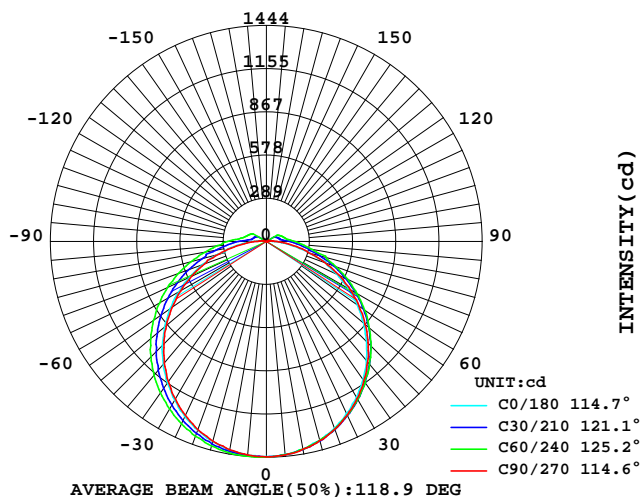
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

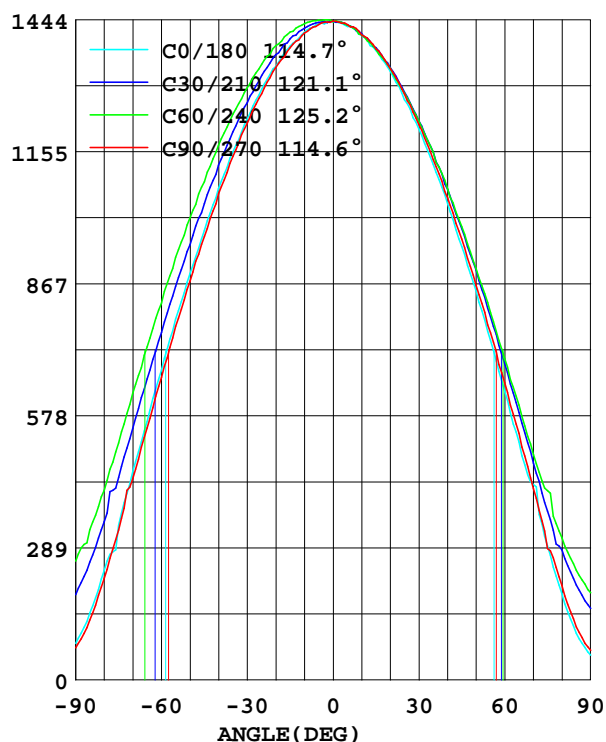
MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	1444	S/MH(C0/180)	1.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.26
NOMINAL POWER(W)	42	TOTAL FLUX(lm)	4641.7	Voltage(V)	218.0
RATED VOLTAGE(V)	218	EFFICIENCY(lm/W)	111.3	Current(A)	0.202
NOMINAL FLUX(lm)	4641.7	h up(%)	4.1	Power(W)	41.68
LAMPS QUANTITY	1	h down(%)	95.9	Power Factor(PF)	0.945
TEST VOLTAGE(V)	218.0	Effective Flux(lm)	4453.0	EEI	0.128

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

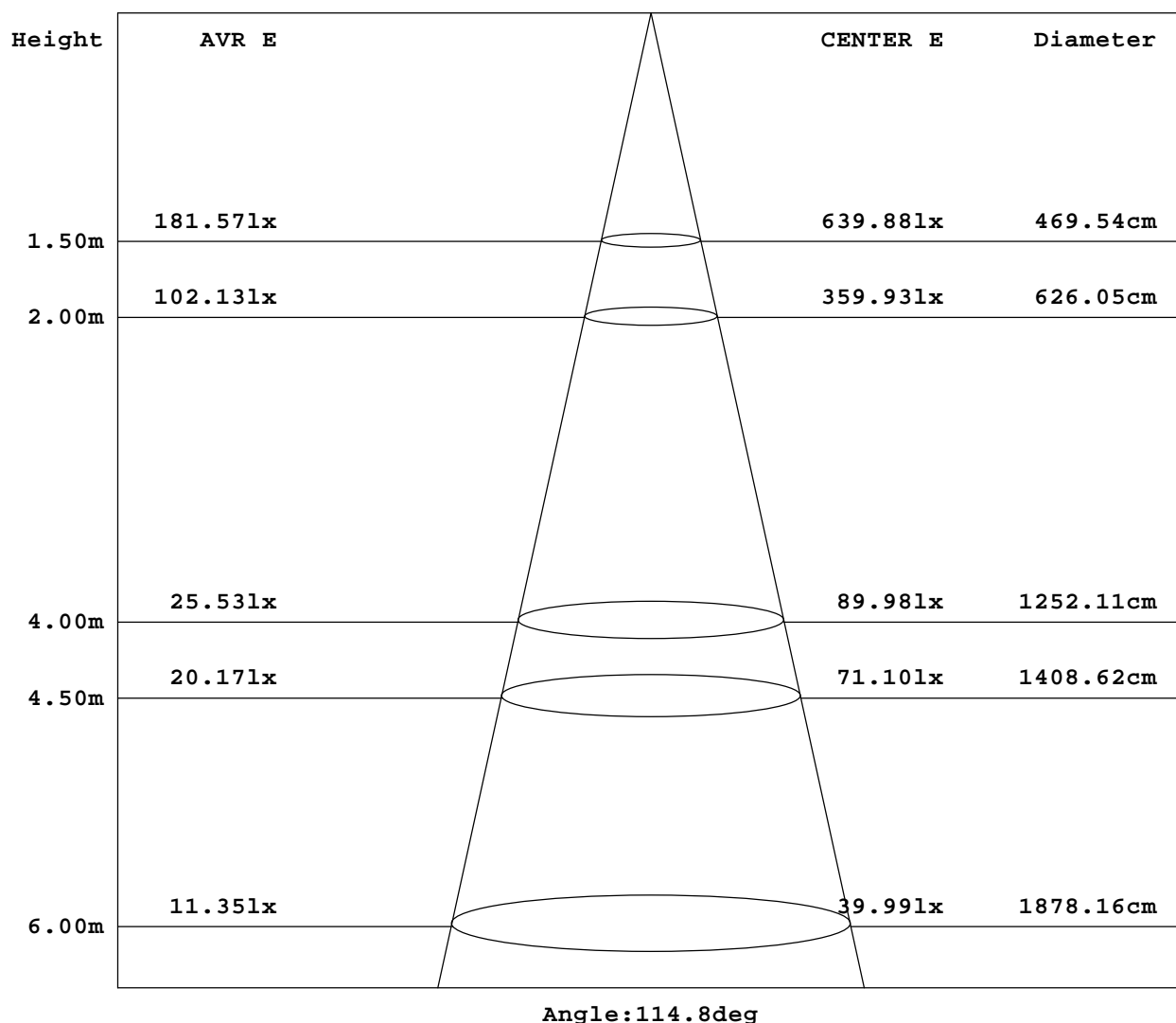
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# 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	1435	1441	1434	1434	1429	1432	1433	1431	0- 5	34.35	34.35
10.0	1417	1431	1415	1420	1410	1413	1411	1411	5- 10	101.9	136.3
15.0	1386	1410	1383	1389	1377	1381	1380	1375	10- 15	166.2	302.5
20.0	1342	1377	1340	1347	1331	1338	1337	1330	15- 20	225.0	527.5
25.0	1292	1334	1282	1297	1269	1285	1281	1272	20- 25	276.3	803.9
30.0	1228	1279	1218	1229	1205	1223	1215	1205	25- 30	318.8	1123
35.0	1155	1218	1145	1159	1127	1154	1138	1130	30- 35	351.1	1474
40.0	1075	1148	1063	1076	1041	1073	1054	1039	35- 40	372.2	1846
45.0	983.4	1066	970.2	984.3	948.4	989.3	964.0	950.6	40- 45	381.9	2228
50.0	888.5	981.2	871.7	890.2	850.5	897.8	862.6	853.0	45- 50	379.8	2608
55.0	789.1	892.5	773.0	789.5	742.1	798.9	758.8	745.0	50- 55	366.2	2974
60.0	678.2	792.0	662.0	677.7	632.0	697.5	650.5	633.5	55- 60	341.6	3316
65.0	565.3	693.1	551.2	566.2	520.4	593.0	539.1	525.0	60- 65	307.0	3623
70.0	455.3	588.4	439.6	469.0	427.4	483.7	418.1	407.1	65- 70	263.9	3887
75.0	338.7	480.3	327.7	336.0	293.2	391.8	287.2	295.8	70- 75	215.0	4102
80.0	239.7	380.2	222.1	222.3	188.7	298.0	207.1	194.5	75- 80	162.2	4264
85.0	146.9	293.3	131.2	138.4	101.9	223.5	115.9	107.3	80- 85	113.9	4378
90.0	80.41	223.6	70.13	74.36	54.52	173.6	65.04	58.45	85- 90	74.99	4453
95.0	51.61	159.6	44.72	51.03	36.61	130.9	44.23	40.18	90- 95	50.97	4504
100.0	31.65	128.0	26.32	33.25	22.45	109.9	29.47	26.23	95-100	36.79	4541
105.0	26.20	115.3	21.85	31.07	17.49	101.8	22.57	24.29	100-105	29.73	4571
110.0	23.90	106.6	20.40	28.41	14.10	92.87	18.22	21.81	105-110	26.38	4597
115.0	21.97	97.59	18.94	26.11	11.56	83.07	15.07	19.33	110-115	23.16	4620
120.0	16.40	84.95	15.80	22.72	11.20	72.85	11.80	16.97	115-120	19.72	4640
125.0	0	0	0	0	0	0	0	0	120-125	1.772	4642
130.0	0	0	0	0	0	0	0	0	125-130	0	4642
135.0	0	0	0	0	0	0	0	0	130-135	0	4642
140.0	0	0	0	0	0	0	0	0	135-140	0	4642
145.0	0	0	0	0	0	0	0	0	140-145	0	4642
150.0	0	0	0	0	0	0	0	0	145-150	0	4642
155.0	0	0	0	0	0	0	0	0	150-155	0	4642
160.0	0	0	0	0	0	0	0	0	155-160	0	4642
165.0	0	0	0	0	0	0	0	0	160-165	0	4642
170.0	0	0	0	0	0	0	0	0	165-170	0	4642
175.0	0	0	0	0	0	0	0	0	170-175	0	4642
180.0	0	0	0	0	0	0	0	0	175-180	0	4642
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

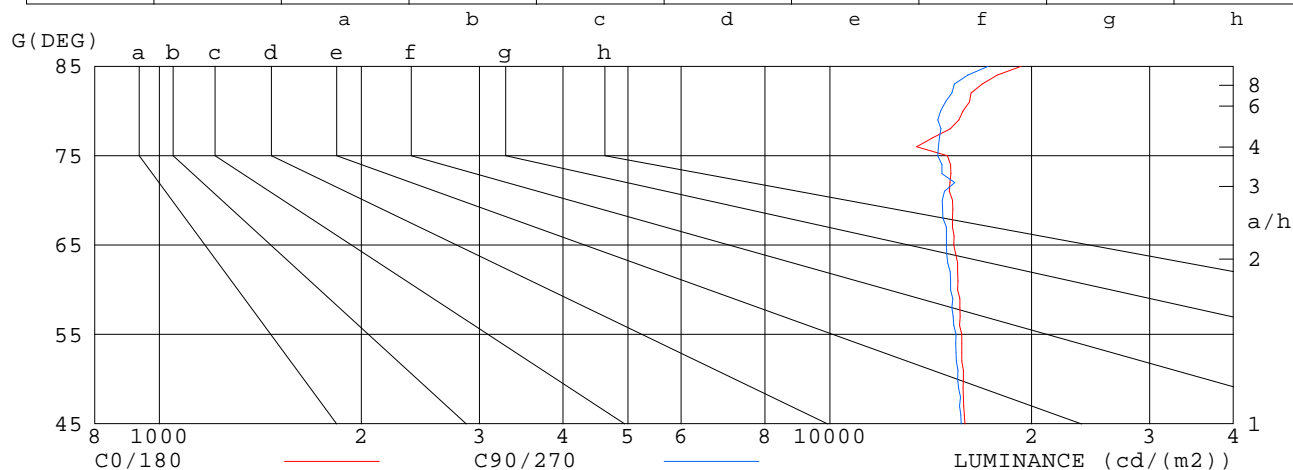
## LUMINANCE LIMITATION CURVES

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	19294	17229
80	15799	14635
75	14975	14488
70	15234	14708
65	15307	14924
60	15521	15150
55	15741	15420
50	15817	15517
45	15913	15700

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

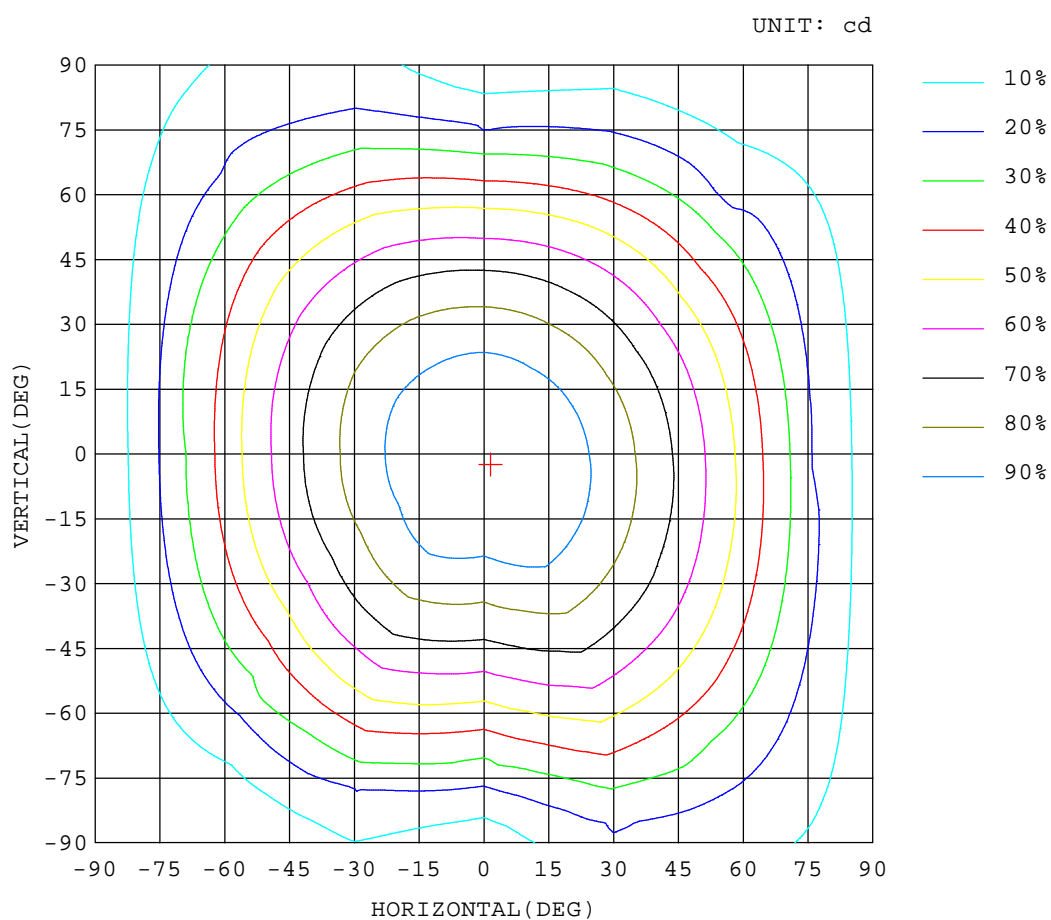
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# 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

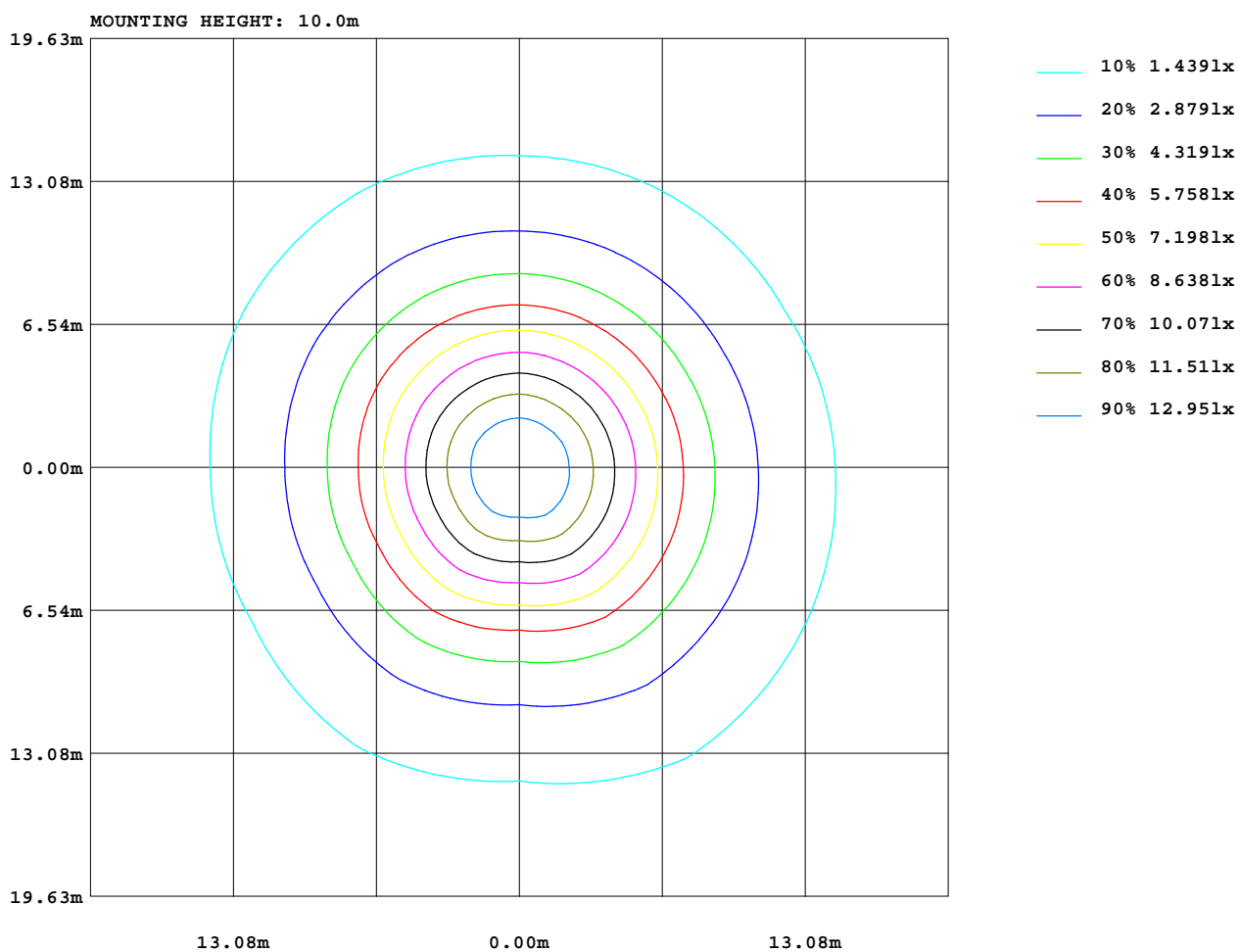
Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:11.000 m  
Remarks:

# 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
	0.22	0.93	2.05	3.32	4.50	5.65	6.00	5.32	4.33	3.88	3.99	3.91	3.18	2.00	0.99	0.58	0.47	0.19	51.5	35.7		
90	0.24	1.13	2.67	4.59	6.54	8.64	10.0	10.1	9.73	9.35	9.00	8.08	6.38	4.37	2.50	1.35	0.72	0.22	95.7	91.4		
80	0.26	1.37	3.40	6.14	9.27	12.3	14.8	16.1	16.4	16.1	15.1	13.3	10.6	7.40	4.40	2.41	1.06	0.26	151	150		
70	0.29	1.63	4.22	7.99	12.1	16.3	19.9	22.2	23.1	22.8	21.3	18.5	14.7	10.5	6.46	3.43	1.44	0.30	208	207		
60	0.31	1.87	5.12	9.68	14.9	20.0	24.6	27.7	29.1	28.9	26.9	23.4	18.7	13.5	8.57	4.51	1.77	0.35	260	260		
50	0.33	2.10	5.85	11.0	17.2	23.2	28.6	32.4	34.3	34.1	31.8	27.6	22.2	16.1	10.4	5.52	2.08	0.38	306	305		
40	0.35	2.28	6.39	12.1	18.9	25.7	31.7	36.2	38.5	38.4	35.7	31.1	24.9	18.3	11.8	6.33	2.35	0.42	342	342		
30	0.35	2.42	6.69	12.8	20.0	27.4	34.0	38.8	41.5	41.3	38.6	33.6	27.1	19.9	12.9	6.92	2.57	0.45	368	368		
-30	0.35	2.47	6.79	13.0	20.4	28.0	34.9	40.2	43.0	43.0	40.3	35.2	28.4	20.9	13.6	7.28	2.71	0.46	382	381		
	0.34	2.43	6.71	12.9	20.3	27.9	34.8	40.1	43.1	43.4	40.7	35.6	28.8	21.2	13.8	7.43	2.77	0.47	383	383		
	0.33	2.31	6.47	12.4	19.5	26.9	33.7	39.1	41.8	42.2	40.0	35.1	28.4	21.0	13.7	7.38	2.77	0.47	374	374		
	0.31	2.11	6.01	11.5	18.1	25.1	31.8	36.9	38.9	39.3	38.1	33.4	27.2	20.1	13.1	7.09	2.68	0.47	353	352		
-40	0.28	1.85	5.33	10.1	16.1	22.8	29.0	33.3	34.8	35.2	34.6	30.9	25.1	18.6	12.2	6.59	2.52	0.45	320	320		
-50	0.25	1.54	4.43	8.50	13.8	19.8	25.3	28.5	29.6	30.0	29.9	27.5	22.3	16.6	10.9	5.89	2.32	0.42	278	278		
-60	0.22	1.20	3.32	6.70	11.2	16.2	20.7	22.9	23.6	24.1	24.4	23.1	19.0	14.1	9.31	5.10	2.07	0.39	228	227		
-70	0.18	0.86	2.23	4.58	8.24	12.2	15.4	16.7	17.0	17.6	18.4	18.1	15.2	11.3	7.61	4.28	1.76	0.36	172	171		
-80	0.15	0.55	1.21	2.60	5.06	7.86	9.92	10.4	10.3	11.0	12.2	12.7	11.2	8.47	5.77	3.34	1.46	0.33	115	112		
-90	0.13	0.32	0.44	1.05	2.54	4.37	5.35	5.07	4.51	5.10	6.78	8.01	7.57	5.84	4.15	2.54	1.19	0.29	65.3	55.5		
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																						
Φ t	4.91	29.4	79.4	151	239	331	411	463	484	486	468	420	342	251	163	88.0	34.7	6.68	4642			
Φ a	1.13	25.6	77.0	149	237	330	411	461	481	483	467	418	340	249	160	86.0	32.4	3.71		4453		

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:

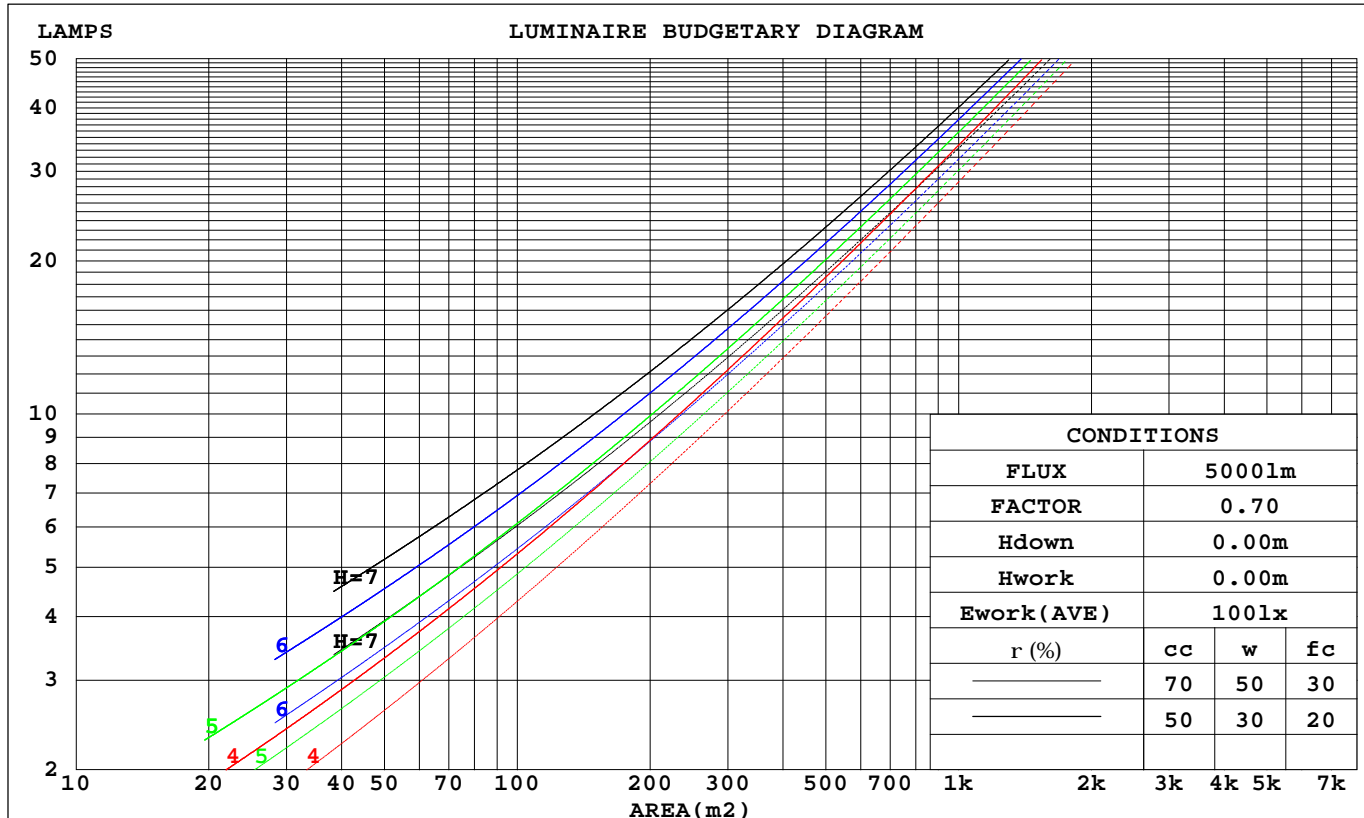
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## 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	.340	.193	.061	.332	.189	.060	.316	.181	.058	.301	.174	.056	.288	.167	.054															
2.0	.309	.169	.052	.302	.166	.051	.288	.160	.050	.275	.154	.048	.263	.149	.047															
3.0	.281	.150	.045	.275	.147	.044	.262	.142	.043	.251	.137	.042	.240	.133	.041															
4.0	.257	.134	.039	.251	.131	.039	.240	.127	.038	.230	.123	.037	.220	.120	.036															
5.0	.236	.120	.035	.231	.119	.035	.221	.115	.034	.212	.112	.033	.203	.108	.033															
6.0	.218	.109	.031	.213	.108	.031	.204	.105	.030	.196	.102	.030	.188	.099	.029															
7.0	.202	.100	.028	.198	.099	.028	.190	.096	.028	.182	.093	.027	.175	.091	.027															
8.0	.188	.092	.026	.184	.091	.026	.177	.088	.025	.170	.086	.025	.164	.084	.024															
9.0	.176	.085	.024	.173	.084	.024	.166	.082	.023	.160	.080	.023	.154	.078	.023															
10.0	.165	.079	.022	.162	.078	.022	.156	.076	.022	.150	.075	.021	.145	.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	.221	.221	.221	.189	.189	.189	.129	.129	.129	.074	.074	.074	.024	.024	.024	
1.0	.214	.187	.163	.183	.161	.140	.125	.110	.097	.072	.064	.056	.023	.021	.018	
2.0	.206	.163	.127	.176	.141	.110	.121	.097	.077	.070	.057	.045	.022	.018	.015	
3.0	.198	.146	.104	.170	.126	.090	.117	.087	.063	.067	.051	.037	.022	.017	.012	
4.0	.191	.133	.089	.163	.115	.077	.112	.080	.054	.065	.047	.032	.021	.015	.011	
5.0	.183	.123	.078	.157	.106	.068	.108	.074	.048	.063	.044	.028	.020	.014	.009	
6.0	.176	.114	.070	.151	.099	.061	.104	.069	.043	.060	.041	.026	.019	.013	.009	
7.0	.169	.108	.065	.145	.093	.056	.100	.065	.040	.058	.039	.024	.019	.013	.008	
8.0	.162	.102	.060	.140	.088	.053	.097	.062	.037	.056	.037	.022	.018	.012	.007	
9.0	.156	.097	.057	.134	.084	.050	.093	.059	.035	.054	.035	.021	.018	.011	.007	
10.0	.150	.093	.054	.129	.080	.047	.090	.057	.034	.052	.033	.020	.017	.011	.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	22.6	24.1	22.9	24.4	24.7	22.8	24.3	23.1	24.6	24.9
	3H	24.3	25.7	24.7	26.0	26.3	24.5	25.9	24.9	26.2	26.6
	4H	25.0	26.4	25.4	26.7	27.0	25.3	26.6	25.7	27.0	27.3
	6H	25.7	27.0	26.1	27.3	27.7	25.9	27.2	26.3	27.5	27.9
	8H	26.0	27.2	26.4	27.6	27.9	26.2	27.4	26.6	27.8	28.1
	12H	26.2	27.4	26.7	27.8	28.2	26.4	27.6	26.8	27.9	28.3
4H	2H	23.5	24.8	23.8	25.1	25.5	23.6	25.0	24.0	25.3	25.6
	3H	25.4	26.6	25.8	27.0	27.4	25.7	26.9	26.1	27.3	27.7
	4H	26.3	27.4	26.8	27.8	28.2	26.7	27.8	27.2	28.2	28.6
	6H	27.2	28.1	27.7	28.6	29.0	27.6	28.5	28.0	29.0	29.4
	8H	27.6	28.5	28.0	28.9	29.4	27.9	28.8	28.4	29.3	29.7
	12H	27.9	28.7	28.4	29.2	29.7	28.3	29.1	28.7	29.5	30.0
8H	4H	27.0	27.8	27.4	28.3	28.8	27.3	28.2	27.8	28.6	29.1
	6H	28.1	28.9	28.6	29.3	29.9	28.5	29.3	29.0	29.8	30.3
	8H	28.7	29.3	29.2	29.8	30.4	29.1	29.8	29.7	30.3	30.8
	12H	29.2	29.8	29.7	30.3	30.9	29.7	30.3	30.2	30.8	31.3
12H	4H	27.1	27.9	27.6	28.4	28.9	27.4	28.2	27.9	28.6	29.1
	6H	28.4	29.0	28.9	29.5	30.1	28.7	29.4	29.3	29.9	30.4
	8H	29.0	29.6	29.6	30.1	30.7	29.5	30.1	30.0	30.6	31.2
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.4					+ 0.3 / - 0.4					
2.0H	+ 0.2 / - 0.4					+ 0.3 / - 0.5					

CIE Pub.117 Corrected 4642 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.3)

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) $k(RI) \times RCR = 5$									
$k = 0.60$	55	43	36	54	42	35	52	42	35	29
0.80	64	52	45	63	52	44	61	51	44	37
1.00	73	61	53	71	60	53	69	61	52	45
1.25	80	68	61	78	67	60	75	66	59	51
1.50	85	74	66	83	73	66	79	71	65	56
2.00	92	82	75	90	81	74	86	78	72	64
2.50	96	87	80	93	86	79	89	82	77	68
3.00	99	92	85	97	90	84	92	86	82	72
4.00	103	97	92	101	95	90	96	91	87	77
5.00	106	101	96	103	98	94	98	94	91	80
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

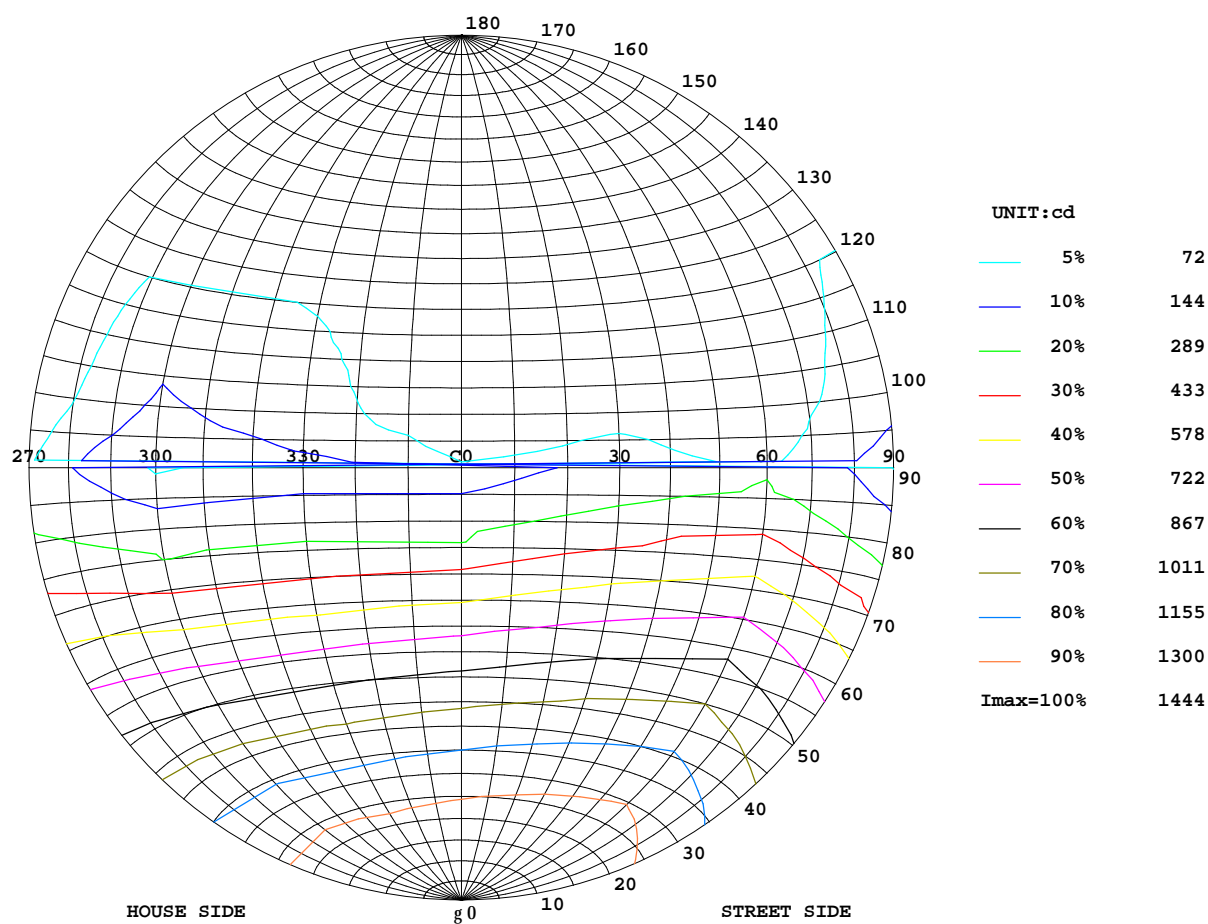
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# 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:

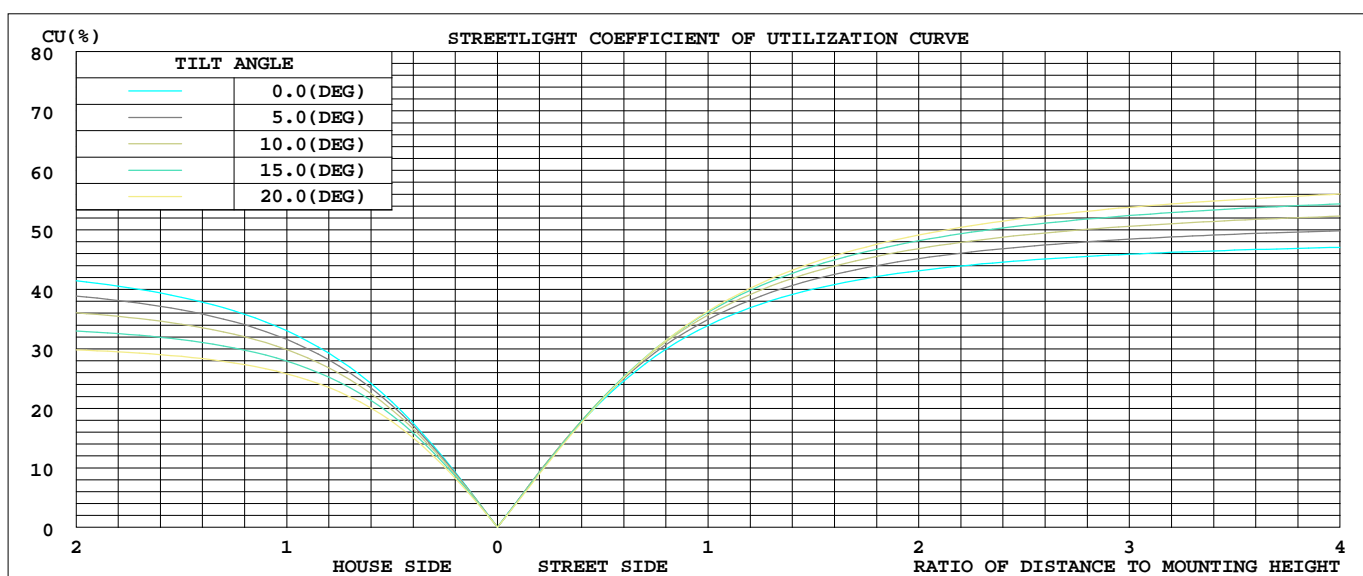
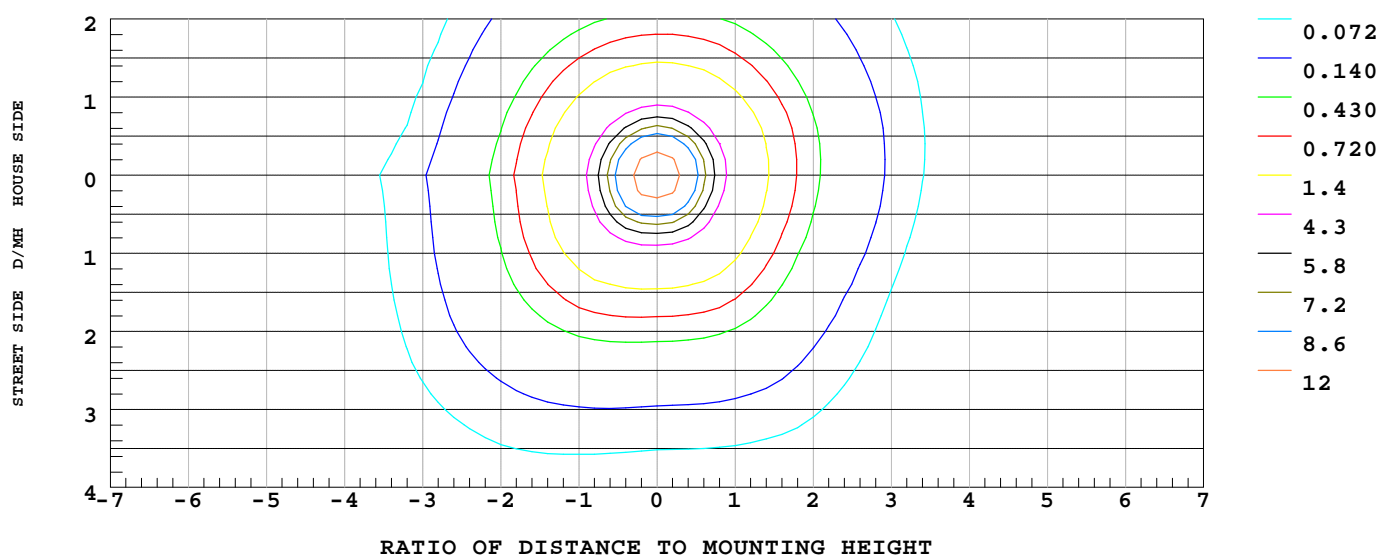
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## 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 = 14.40 lx



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

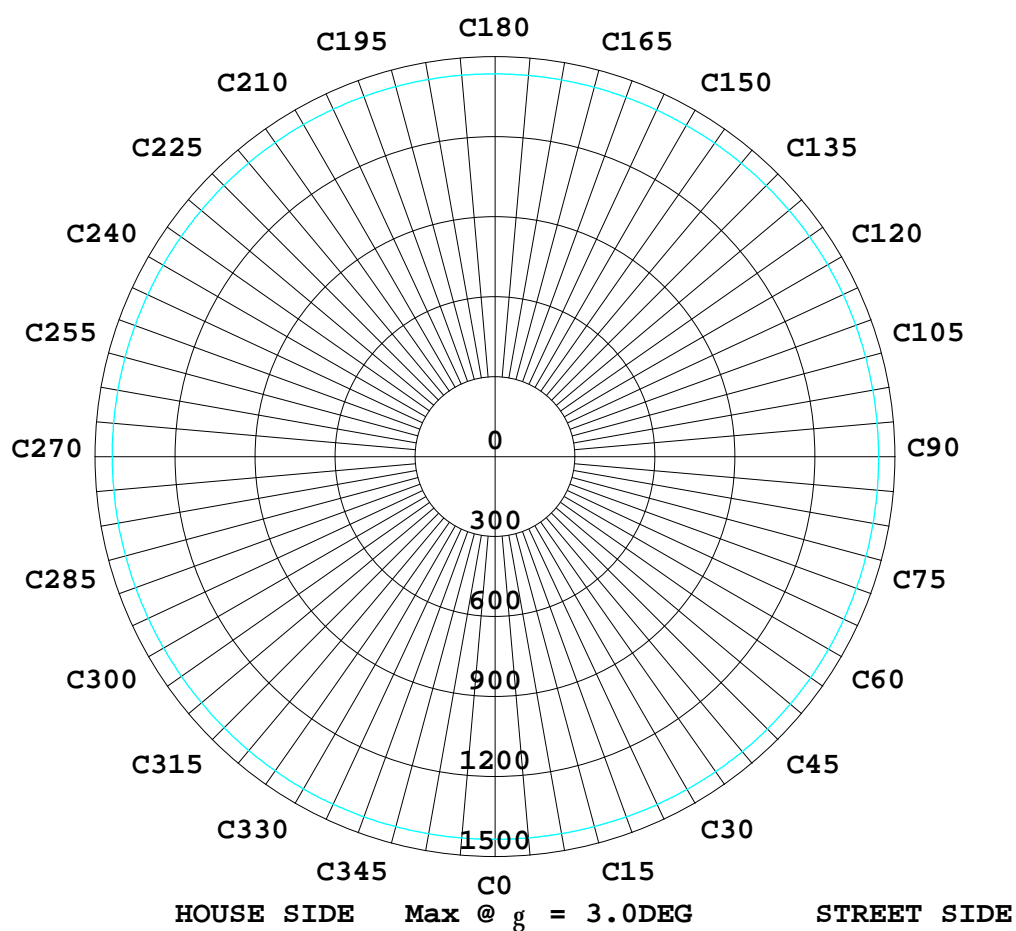
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# 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	1440	1441	1440	1441	1441	1442	1440	1441	1440	1441	1441	1442
5.0	1435	1438	1443	1434	1435	1434	1429	1433	1432	1433	1431	1432
10.0	1417	1426	1435	1415	1424	1415	1410	1414	1411	1411	1408	1413
15.0	1386	1403	1417	1383	1399	1379	1377	1383	1380	1380	1370	1380
20.0	1342	1367	1387	1340	1363	1332	1331	1339	1338	1337	1329	1330
25.0	1292	1322	1346	1282	1316	1277	1269	1286	1284	1281	1270	1274
30.0	1228	1263	1295	1218	1255	1204	1205	1222	1223	1215	1203	1207
35.0	1155	1199	1237	1145	1188	1130	1127	1155	1154	1138	1130	1130
40.0	1075	1126	1169	1063	1109	1043	1041	1073	1073	1054	1043	1035
45.0	983	1042	1090	970	1025	944	948	987	991	964	954	948
50.0	889	952	1011	872	935	846	851	896	899	863	858	848
55.0	789	861	925	773	839	740	742	795	803	759	753	737
60.0	678	760	824	662	732	623	632	692	703	651	644	623
65.0	565	658	728	551	627	505	520	585	601	539	539	511
70.0	455	550	627	440	515	423	427	475	493	418	429	386
75.0	339	442	518	328	403	269	293	369	414	287	322	270
80.0	240	346	415	222	287	158	189	285	311	207	225	164
85.0	147	258	329	131	213	64.0	102	207	240	116	148	66.8
90.0	80.4	187	260	70.1	141	7.45	54.5	157	191	65.0	102	15.1
95.0	51.6	126	193	44.7	102	0.00	36.6	112	150	44.2	78.8	1.52
100.0	31.6	97.5	158	26.3	66.5	0.00	22.4	90.9	129	29.4	52.4	0.00
105.0	26.2	90.7	140	21.8	62.1	0.00	17.4	85.8	118	22.5	48.5	0.00
110.0	23.9	85.1	128	20.4	56.8	0.00	14.1	78.3	107	18.2	43.6	0.00
115.0	21.9	78.3	117	18.9	52.2	0.00	11.5	69.8	96.2	15.0	38.6	0.00
120.0	16.4	65.8	104	15.8	45.4	0.00	11.2	59.9	85.7	11.8	33.9	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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