

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

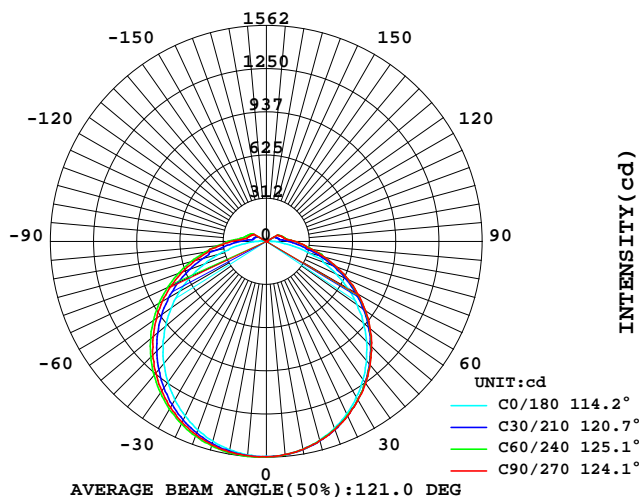
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

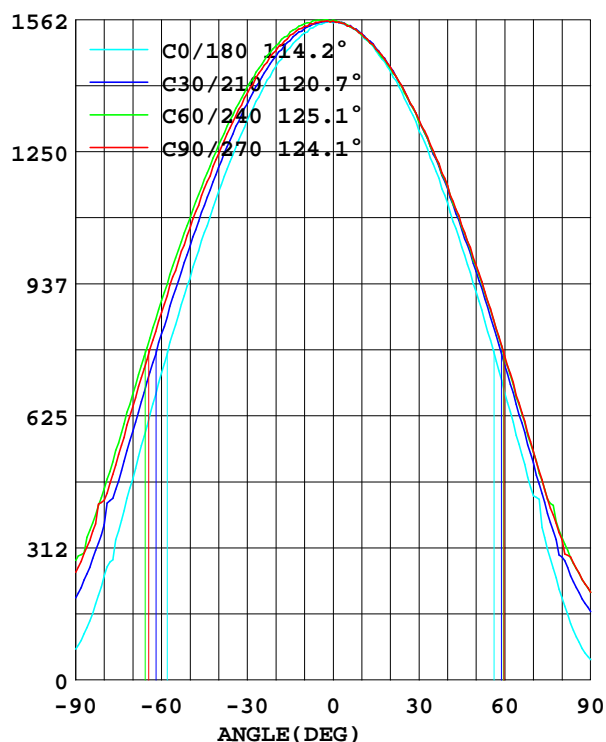
MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	1562	S/MH(C0/180)	1.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	5199.2	Voltage(V)	217.8
RATED VOLTAGE(V)	218	EFFICIENCY(lm/W)	127.9	Current(A)	0.197
NOMINAL FLUX(lm)	5199.2	h up(%)	5.1	Power(W)	40.65
LAMPS QUANTITY	1	h down(%)	94.9	Power Factor(PF)	0.943
TEST VOLTAGE(V)	217.9	Effective Flux(lm)	4969.0	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

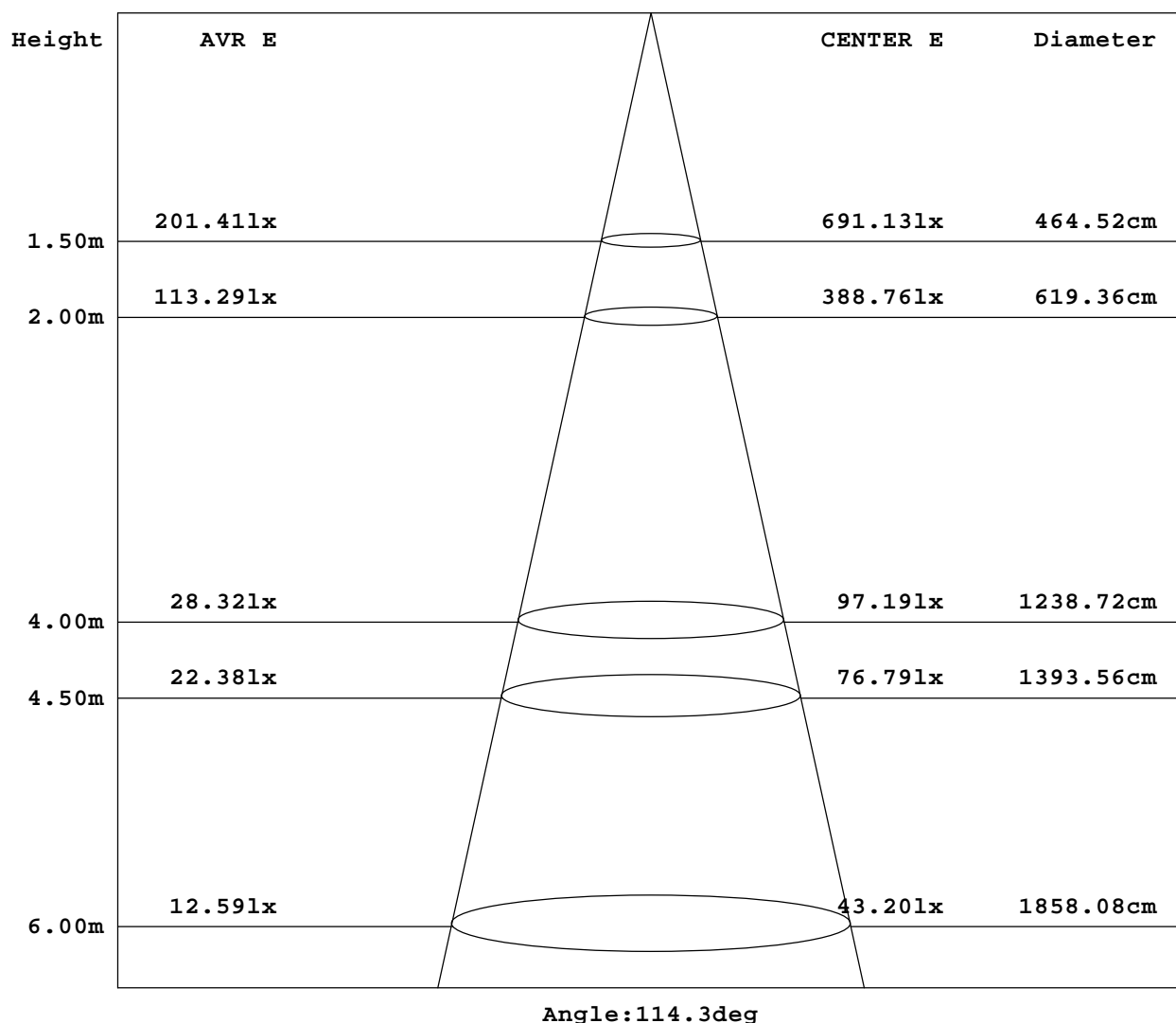
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# 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	1551	1558	1556	1554	1549	1549	1547	1550	0- 5	37.18	37.18
10.0	1531	1547	1547	1537	1527	1527	1529	1524	5- 10	110.3	147.5
15.0	1496	1523	1525	1506	1488	1493	1492	1489	10- 15	180.1	327.6
20.0	1451	1487	1488	1461	1440	1448	1450	1440	15- 20	244.0	571.6
25.0	1393	1441	1445	1406	1376	1391	1393	1378	20- 25	300.1	871.8
30.0	1324	1383	1388	1339	1300	1322	1326	1305	25- 30	346.7	1219
35.0	1243	1314	1320	1259	1220	1247	1252	1223	30- 35	382.4	1601
40.0	1155	1238	1244	1173	1128	1165	1170	1134	35- 40	406.5	2008
45.0	1059	1154	1163	1078	1025	1068	1075	1032	40- 45	418.0	2426
50.0	949.0	1059	1069	972.0	917.8	972.2	980.7	926.5	45- 50	417.2	2843
55.0	840.4	961.4	968.0	864.3	804.1	866.2	878.4	816.7	50- 55	403.9	3247
60.0	726.3	858.2	869.2	749.2	679.9	752.3	766.4	695.3	55- 60	378.8	3626
65.0	600.5	746.4	758.3	626.3	557.8	639.4	655.6	575.1	60- 65	342.6	3968
70.0	474.5	631.6	645.4	505.8	435.7	526.4	540.3	452.2	65- 70	296.8	4265
75.0	352.7	515.9	533.5	383.9	308.7	410.3	428.5	320.3	70- 75	245.9	4511
80.0	246.5	410.2	425.0	265.7	194.6	314.1	332.5	221.4	75- 80	189.8	4701
85.0	140.0	310.3	330.0	166.7	102.1	241.0	263.9	132.2	80- 85	138.3	4839
90.0	73.03	238.7	254.7	98.92	47.98	184.4	207.2	77.21	85- 90	96.87	4936
95.0	45.32	172.9	179.9	67.16	30.44	141.5	156.8	56.27	90- 95	69.19	5006
100.0	25.84	134.9	144.1	41.41	18.22	116.6	132.2	36.37	95-100	50.49	5056
105.0	21.85	122.7	132.9	38.93	12.17	108.3	123.9	32.74	100-105	41.74	5098
110.0	20.15	113.6	123.2	36.33	10.35	98.68	113.3	29.13	105-110	37.44	5135
115.0	17.73	103.2	112.9	33.37	8.058	88.70	102.1	25.99	110-115	33.03	5168
120.0	12.77	90.88	102.8	29.62	8.058	78.05	89.12	23.08	115-120	28.36	5197
125.0	0	0	0	0	0	0	0	0	120-125	2.582	5199
130.0	0	0	0	0	0	0	0	0	125-130	0	5199
135.0	0	0	0	0	0	0	0	0	130-135	0	5199
140.0	0	0	0	0	0	0	0	0	135-140	0	5199
145.0	0	0	0	0	0	0	0	0	140-145	0	5199
150.0	0	0	0	0	0	0	0	0	145-150	0	5199
155.0	0	0	0	0	0	0	0	0	150-155	0	5199
160.0	0	0	0	0	0	0	0	0	155-160	0	5199
165.0	0	0	0	0	0	0	0	0	160-165	0	5199
170.0	0	0	0	0	0	0	0	0	165-170	0	5199
175.0	0	0	0	0	0	0	0	0	170-175	0	5199
180.0	0	0	0	0	0	0	0	0	175-180	0	5199
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

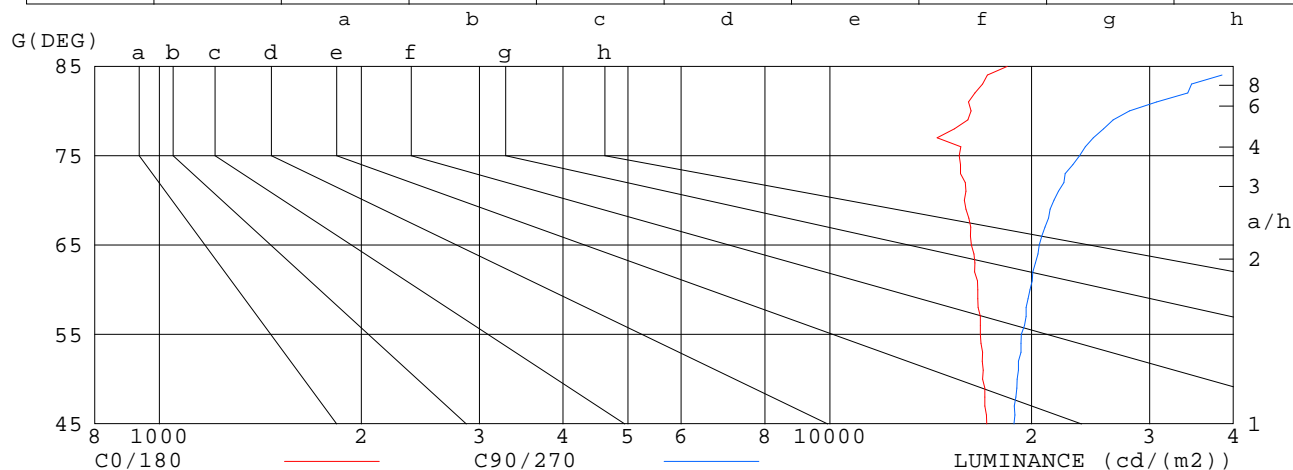
## LUMINANCE LIMITATION CURVES

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	18388	43327
80	16245	28005
75	15596	23587
70	15874	21594
65	16260	20532
60	16620	19891
55	16765	19311
50	16894	19026
45	17139	18824

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

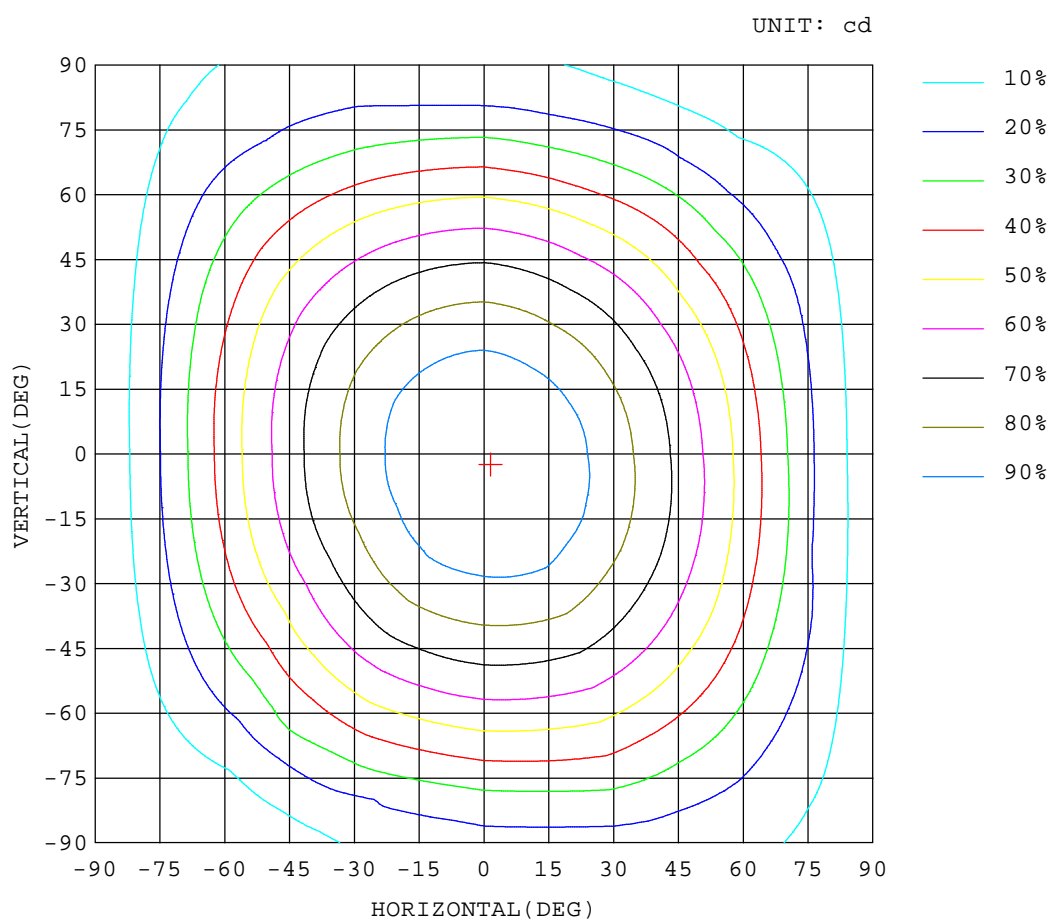
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# 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

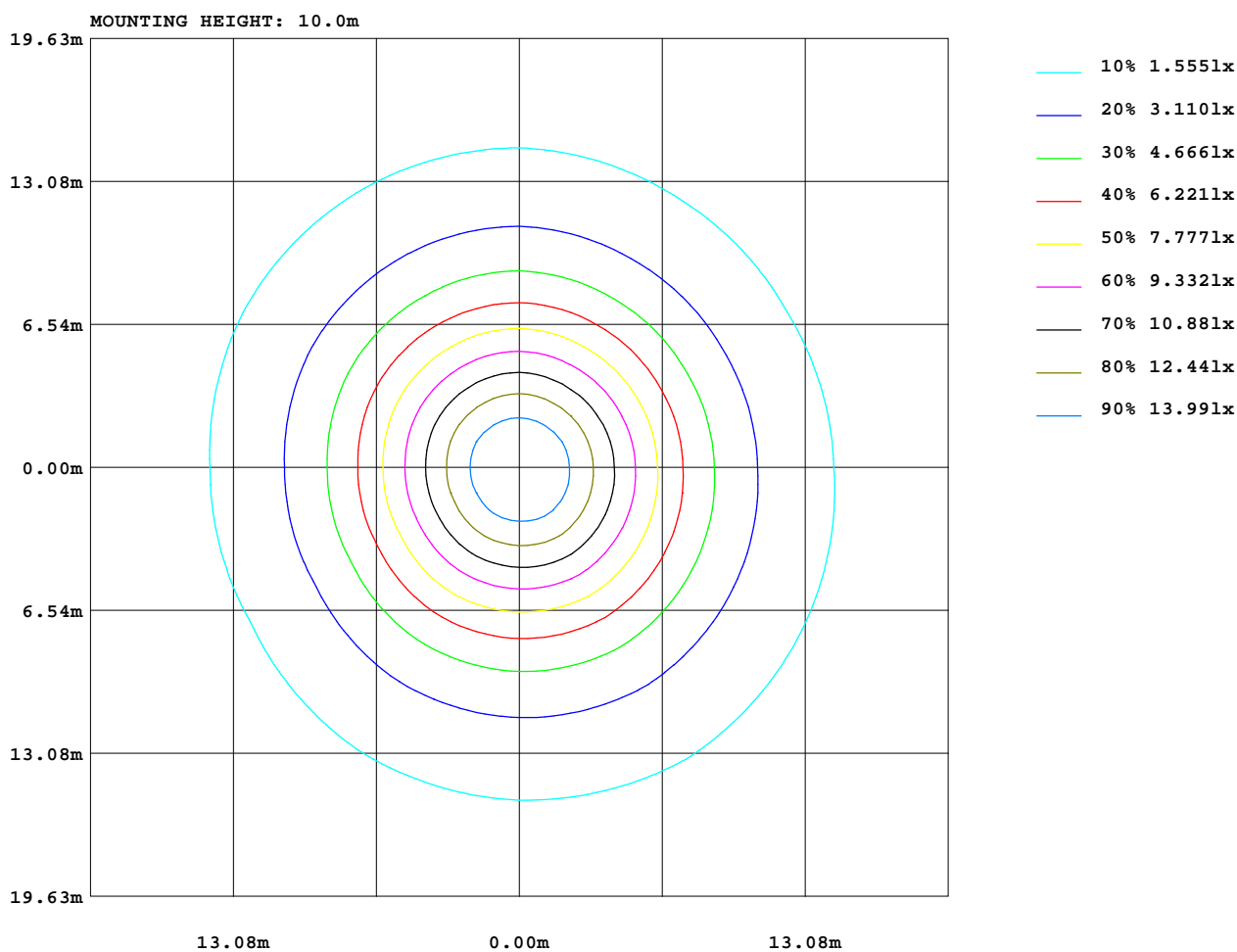
Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:11.000 m  
Remarks:

# 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.:

90	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	0.21	0.94	2.12	3.50	4.81	6.13	7.14	7.70	7.98	7.55	6.46	5.20	3.83	2.47	1.31	0.74	0.50	0.18	68.8	59.4	
80	0.23	1.15	2.80	4.84	7.03	9.31	11.1	12.4	13.0	12.7	11.3	9.55	7.30	5.01	2.91	1.55	0.77	0.21	113	109	
70	0.26	1.42	3.57	6.59	9.96	13.3	16.3	18.5	19.7	19.4	17.6	14.8	11.7	8.27	4.96	2.67	1.12	0.26	171	169	
60	0.29	1.69	4.52	8.60	13.1	17.7	21.8	24.7	26.3	26.1	23.9	20.4	16.2	11.6	7.17	3.77	1.52	0.30	230	229	
50	0.31	1.97	5.49	10.4	16.1	21.7	26.7	30.4	32.4	32.1	29.6	25.6	20.5	14.7	9.36	4.92	1.89	0.34	285	285	
40	0.33	2.22	6.28	11.9	18.6	25.2	31.0	35.3	37.6	37.4	34.7	30.1	24.1	17.5	11.2	5.96	2.21	0.38	333	332	
30	0.35	2.44	6.85	13.1	20.4	27.9	34.4	39.2	41.8	41.7	38.8	33.7	27.1	19.8	12.8	6.79	2.50	0.42	371	370	
VERTICAL (DEG)	0.36	2.59	7.18	13.8	21.6	29.6	36.8	42.1	44.9	44.8	41.8	36.4	29.3	21.5	13.9	7.39	2.72	0.44	398	397	
	0.36	2.63	7.29	14.1	22.1	30.3	37.8	43.5	46.5	46.5	43.5	38.0	30.6	22.5	14.5	7.74	2.85	0.46	412	412	
	0.35	2.60	7.22	14.0	21.9	30.2	37.7	43.5	46.7	46.9	44.0	38.4	31.1	22.8	14.8	7.89	2.91	0.47	414	414	
	0.34	2.51	6.98	13.5	21.2	29.2	36.6	42.4	45.7	46.0	43.3	37.9	30.6	22.6	14.7	7.83	2.91	0.47	405	405	
	0.32	2.29	6.52	12.5	19.8	27.3	34.6	40.2	43.3	43.6	41.3	36.1	29.3	21.6	14.1	7.53	2.82	0.46	384	384	
	0.29	2.01	5.83	11.1	17.7	24.9	31.6	36.7	39.5	39.9	37.9	33.4	27.1	20.0	13.0	6.99	2.65	0.44	352	351	
	0.26	1.69	4.94	9.39	15.2	21.7	27.7	32.1	34.7	35.1	33.5	29.8	24.1	17.8	11.6	6.26	2.43	0.42	309	309	
	0.22	1.32	3.75	7.56	12.4	17.9	23.0	26.7	28.9	29.4	28.1	25.3	20.5	15.1	9.94	5.40	2.15	0.38	259	258	
	0.19	0.96	2.57	5.27	9.34	13.6	17.6	20.5	22.5	23.0	22.1	20.0	16.4	12.1	8.10	4.53	1.80	0.35	201	200	
	0.15	0.63	1.48	3.14	5.84	8.96	11.9	14.1	15.6	16.2	15.7	14.5	12.1	9.09	6.15	3.47	1.47	0.31	141	138	
-30	0.13	0.37	0.64	1.46	3.14	5.15	6.99	8.49	9.78	10.3	10.1	9.47	8.07	6.16	4.33	2.60	1.18	0.28	88.7	83.1	
-40																					
-50																					
-60																					
-70																					
-80																					
-90																					
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																					
Φ t	4.94	31.5	86.1	165	261	361	451	519	558	560	524	459	371	272	175	94.1	36.4	6.58	5199		
Φ a	1.03	27.1	83.2	163	259	360	451	519	558	560	524	458	369	269	173	91.9	33.4	3.04		4969	

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:

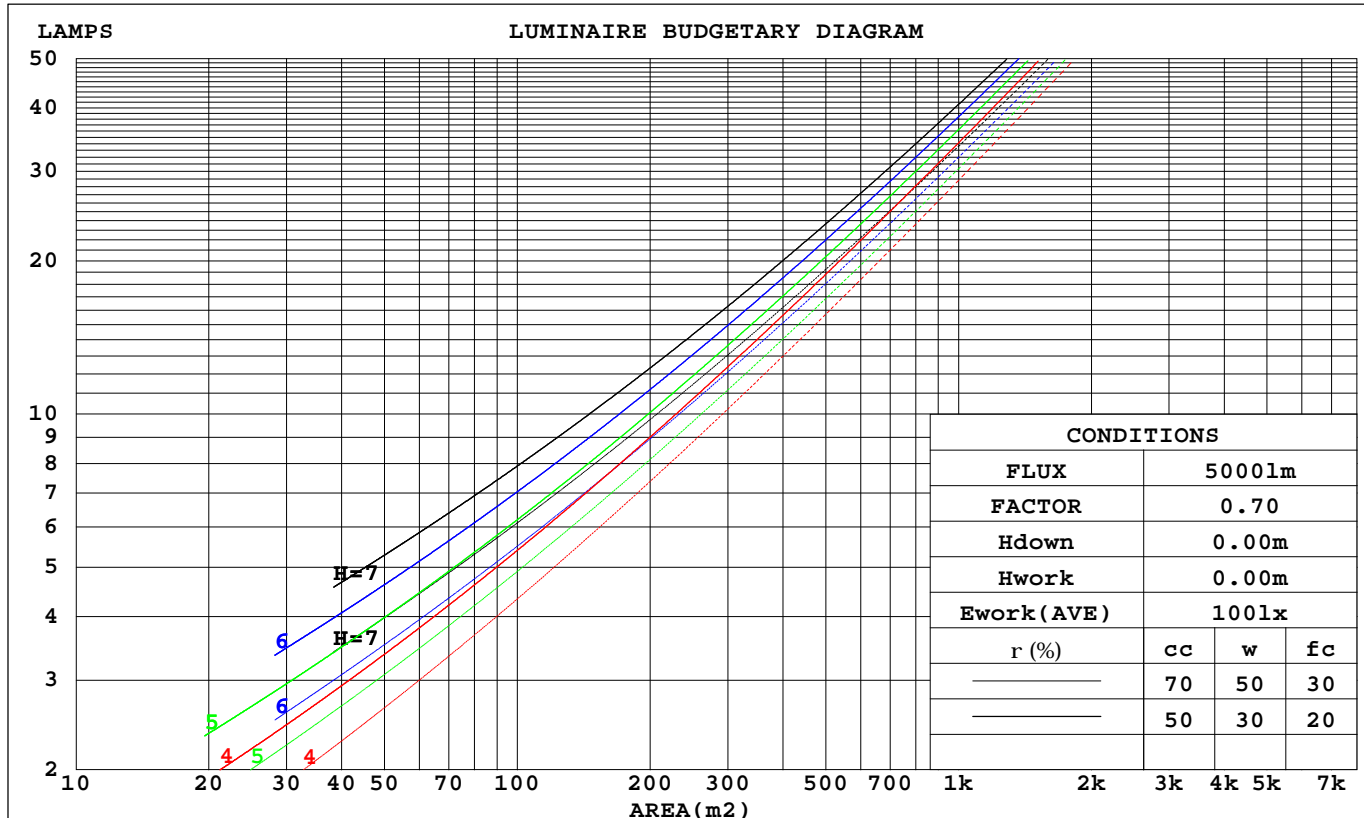
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## 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						Coefficients of Utilization(CU)									
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.08	1.08	1.08	1.03	1.03	1.03	.97	.97	.97	.95
1.0	1.01	.96	.92	.98	.94	.90	.93	.89	.86	.88	.85	.82	.83	.81	.79	.76
2.0	.87	.80	.73	.85	.78	.72	.80	.75	.70	.76	.71	.67	.72	.69	.65	.63
3.0	.76	.67	.60	.74	.66	.60	.70	.63	.58	.67	.61	.56	.64	.59	.55	.52
4.0	.67	.58	.51	.65	.57	.50	.62	.55	.49	.59	.53	.48	.56	.51	.46	.44
5.0	.60	.50	.43	.58	.50	.43	.56	.48	.42	.53	.46	.41	.51	.45	.40	.38
6.0	.54	.44	.38	.52	.44	.37	.50	.42	.37	.48	.41	.36	.46	.40	.35	.33
7.0	.48	.39	.33	.47	.39	.33	.45	.38	.32	.43	.37	.32	.42	.36	.31	.29
8.0	.44	.35	.29	.43	.35	.29	.41	.34	.29	.40	.33	.28	.38	.32	.28	.26
9.0	.40	.32	.26	.40	.32	.26	.38	.31	.26	.37	.30	.25	.35	.29	.25	.23
10.0	.37	.29	.24	.37	.29	.24	.35	.28	.23	.34	.28	.23	.33	.27	.23	.21



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															

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	.229	.229	.229	.196	.196	.196	.134	.134	.134	.077	.077	.077	.025	.025	.025	
1.0	.222	.195	.170	.190	.167	.147	.130	.115	.101	.075	.067	.059	.024	.021	.019	
2.0	.214	.171	.135	.183	.147	.116	.126	.102	.081	.072	.059	.048	.023	.019	.015	
3.0	.206	.154	.112	.177	.133	.097	.122	.092	.068	.070	.054	.040	.023	.017	.013	
4.0	.199	.141	.096	.171	.122	.084	.117	.085	.059	.068	.050	.035	.022	.016	.011	
5.0	.191	.130	.086	.164	.113	.075	.113	.079	.053	.065	.046	.031	.021	.015	.010	
6.0	.184	.122	.078	.158	.106	.068	.109	.074	.048	.063	.044	.029	.020	.014	.009	
7.0	.177	.115	.072	.152	.100	.063	.105	.070	.045	.061	.041	.027	.020	.014	.009	
8.0	.170	.110	.068	.146	.095	.059	.101	.067	.042	.059	.039	.025	.019	.013	.008	
9.0	.164	.105	.065	.141	.091	.057	.098	.064	.040	.057	.038	.024	.018	.012	.008	
10.0	.158	.101	.062	.136	.087	.054	.095	.061	.039	.055	.036	.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	22.6	24.1	23.0	24.4	24.8	23.4	24.9	23.7	25.2	25.5
	3H	24.3	25.7	24.7	26.1	26.4	25.4	26.8	25.8	27.1	27.5
	4H	25.1	26.4	25.5	26.7	27.1	26.4	27.8	26.8	28.1	28.5
	6H	25.7	26.9	26.1	27.3	27.7	27.4	28.7	27.8	29.0	29.4
	8H	25.9	27.1	26.4	27.5	27.9	28.0	29.2	28.4	29.6	30.0
	12H	26.2	27.3	26.6	27.7	28.1	28.6	29.7	29.0	30.1	30.5
4H	2H	23.5	24.9	23.9	25.2	25.6	24.1	25.4	24.5	25.7	26.1
	3H	25.5	26.6	25.9	27.0	27.4	26.4	27.5	26.8	27.9	28.3
	4H	26.4	27.4	26.8	27.8	28.3	27.6	28.6	28.0	29.1	29.5
	6H	27.2	28.1	27.7	28.6	29.1	28.8	29.7	29.2	30.2	30.6
	8H	27.5	28.4	28.0	28.9	29.4	29.4	30.3	29.9	30.8	31.3
	12H	27.8	28.6	28.3	29.1	29.6	30.1	30.9	30.6	31.4	31.9
8H	4H	27.0	27.9	27.5	28.3	28.8	28.0	28.9	28.5	29.3	29.8
	6H	28.1	28.9	28.6	29.4	29.9	29.5	30.2	30.0	30.7	31.3
	8H	28.6	29.3	29.2	29.8	30.4	30.3	31.0	30.9	31.5	32.1
	12H	29.1	29.7	29.7	30.2	30.8	31.2	31.8	31.8	32.4	32.9
12H	4H	27.1	27.9	27.6	28.4	28.9	28.0	28.9	28.6	29.3	29.9
	6H	28.4	29.0	28.9	29.6	30.1	29.6	30.3	30.2	30.8	31.4
	8H	29.0	29.6	29.6	30.1	30.7	30.6	31.2	31.1	31.7	32.3
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 5199 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.7)

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	62	51	43	60	50	43	36
1.00	72	60	52	70	59	52	68	60	51	43
1.25	79	67	60	77	66	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	81	76	66
3.00	99	91	84	96	89	83	91	85	80	70
4.00	103	96	91	100	94	89	95	90	86	75
5.00	106	100	95	103	97	93	97	93	89	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

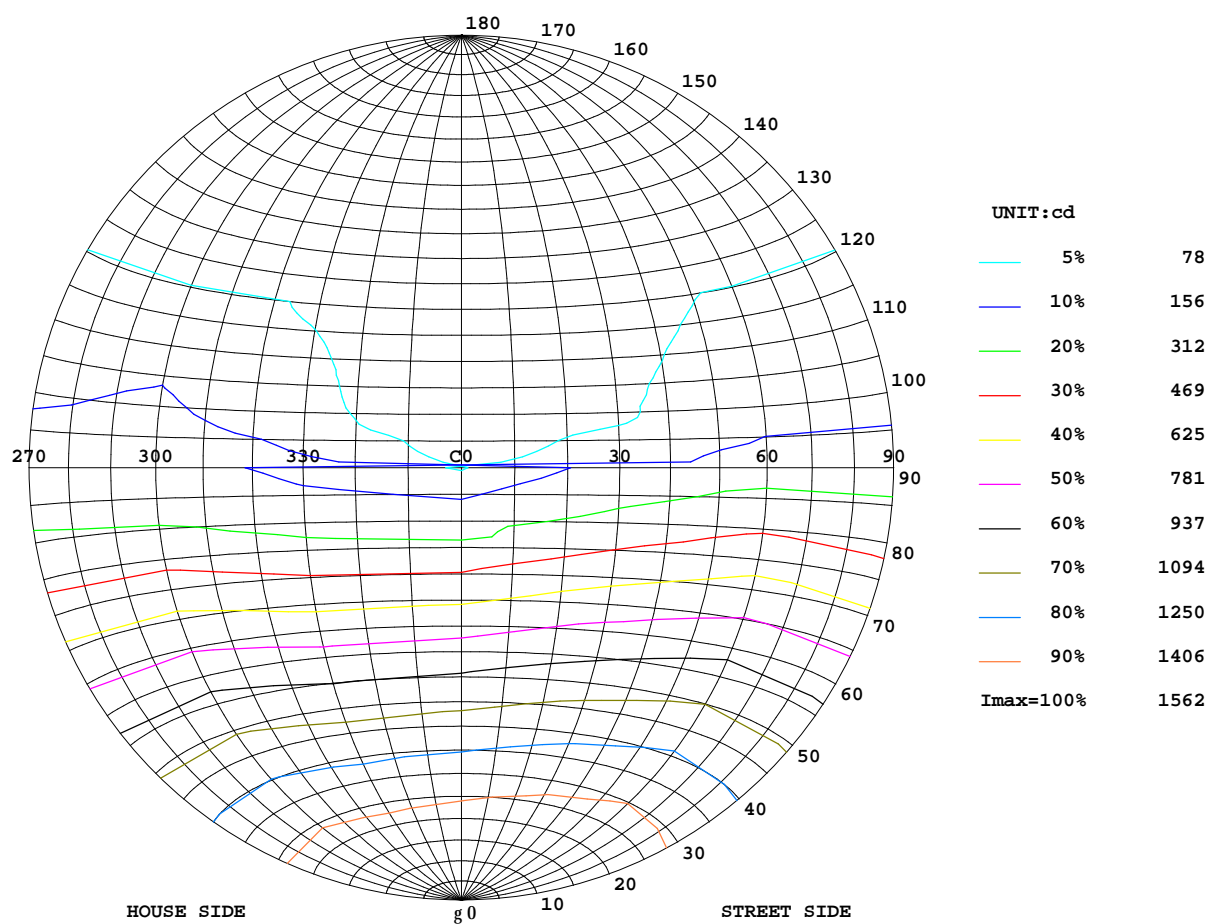
Test Set: 10.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:11.000 m  
 Remarks:

# 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:

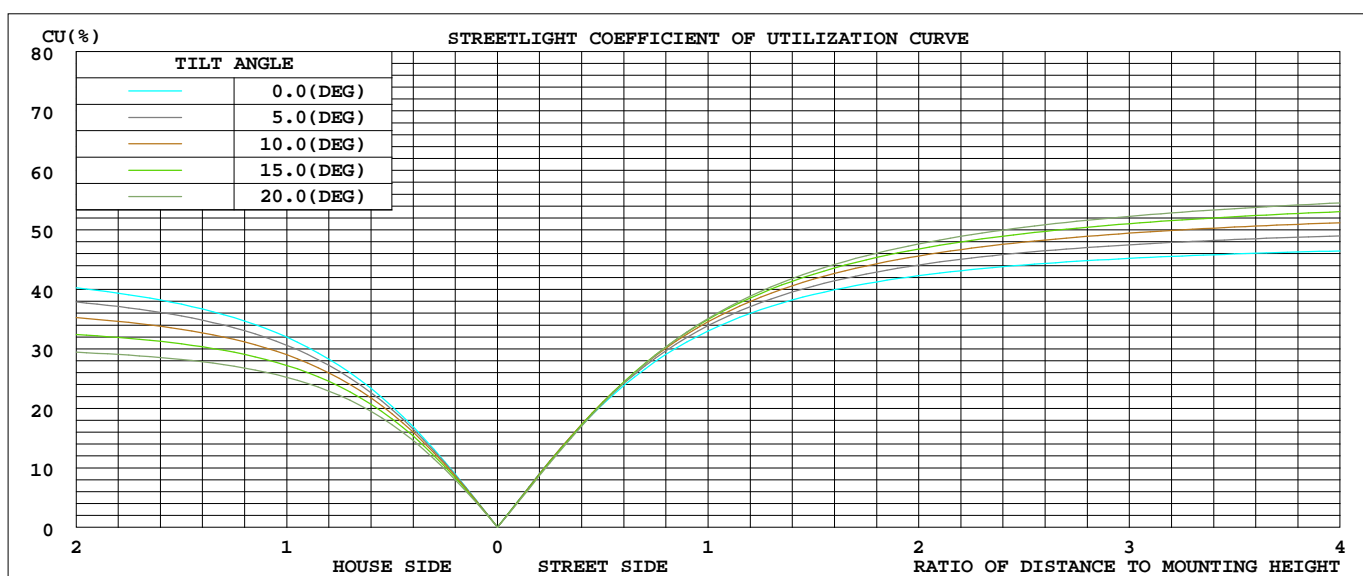
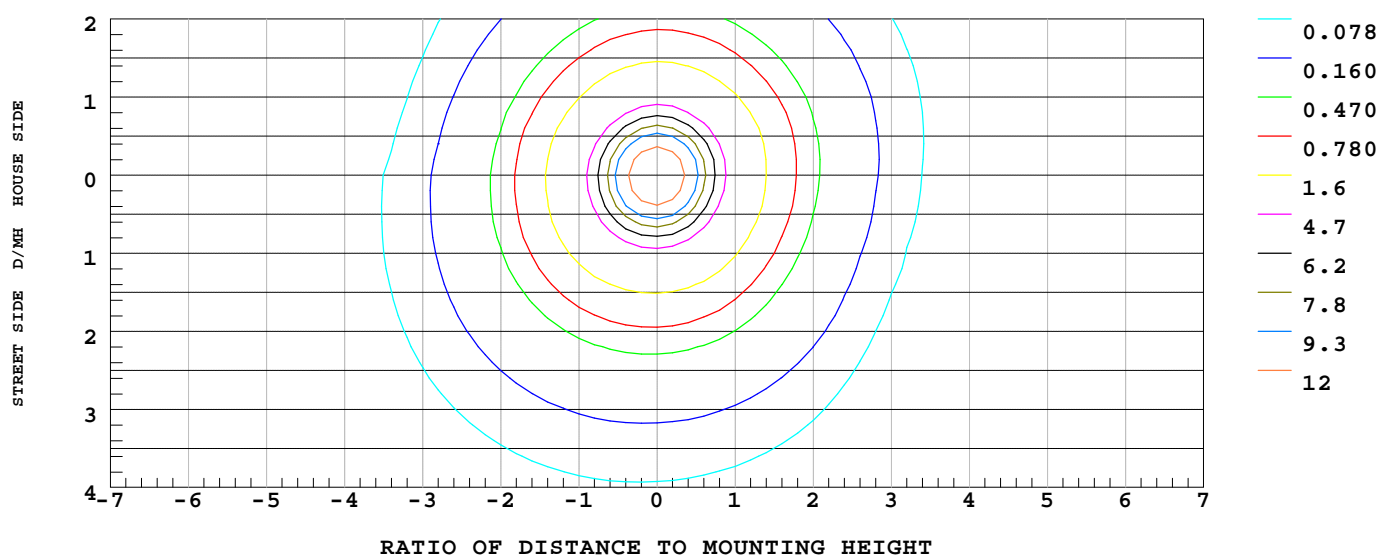
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## 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 = 15.55 lx



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

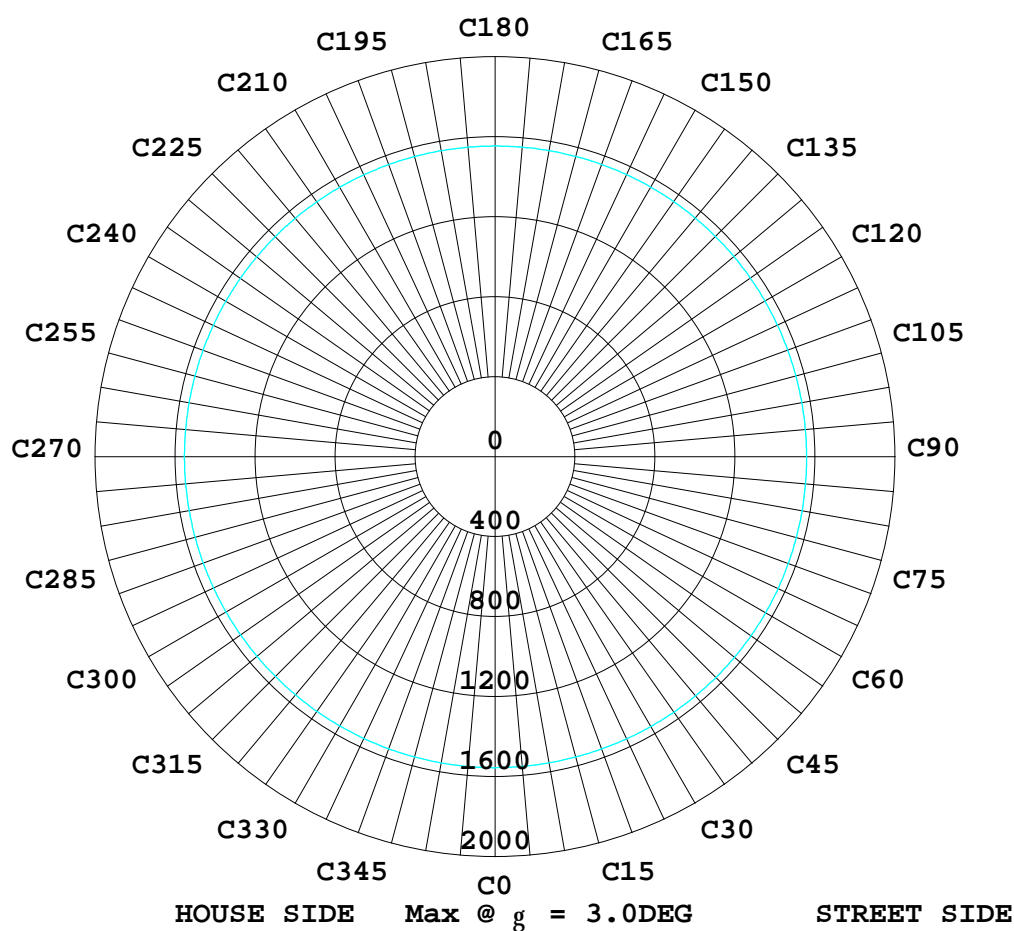
Test Set: 10.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:11.000 m  
Remarks:

# 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	1555	1557	1561	1559	1559	1559	1555	1557	1561	1559	1559	1559
5.0	1551	1555	1561	1556	1556	1552	1549	1548	1550	1547	1548	1552
10.0	1531	1541	1553	1547	1542	1531	1527	1529	1525	1529	1522	1527
15.0	1496	1513	1533	1525	1516	1496	1488	1494	1492	1492	1487	1492
20.0	1451	1475	1500	1488	1477	1446	1440	1449	1447	1450	1438	1443
25.0	1393	1426	1456	1445	1427	1386	1376	1393	1389	1393	1376	1380
30.0	1324	1363	1404	1388	1366	1313	1300	1323	1320	1326	1305	1306
35.0	1243	1292	1336	1320	1291	1226	1220	1244	1249	1252	1225	1221
40.0	1155	1212	1265	1244	1211	1135	1128	1162	1167	1170	1138	1129
45.0	1059	1122	1185	1163	1121	1036	1025	1066	1071	1075	1037	1027
50.0	949	1025	1092	1069	1020	924	918	967	978	981	934	919
55.0	840	924	998	968	919	810	804	858	875	878	828	806
60.0	726	819	898	869	811	688	680	745	760	766	709	681
65.0	601	706	787	758	688	565	558	627	652	656	593	557
70.0	475	587	676	645	572	440	436	514	539	540	475	429
75.0	353	471	561	534	457	310	309	393	427	429	360	280
80.0	247	368	453	425	340	192	195	291	337	333	257	186
85.0	140	266	354	330	247	86.1	102	219	263	264	178	86.7
90.0	73.0	194	283	255	173	25.2	47.9	161	207	207	125	29.3
95.0	45.3	136	210	180	127	7.45	30.4	122	161	157	98.9	13.6
100.0	25.8	99.7	170	144	82.8	0.00	18.2	93.2	140	132	68.6	4.06
105.0	21.8	93.3	152	133	77.8	0.00	12.1	87.5	129	124	64.5	0.92
110.0	20.1	87.7	139	123	72.6	0.00	10.3	79.8	118	113	58.2	0.00
115.0	17.7	78.9	127	113	66.7	0.00	8.05	71.3	106	102	51.9	0.00
120.0	12.7	68.1	114	103	59.2	0.00	8.05	61.7	94.3	89.1	46.1	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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