

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

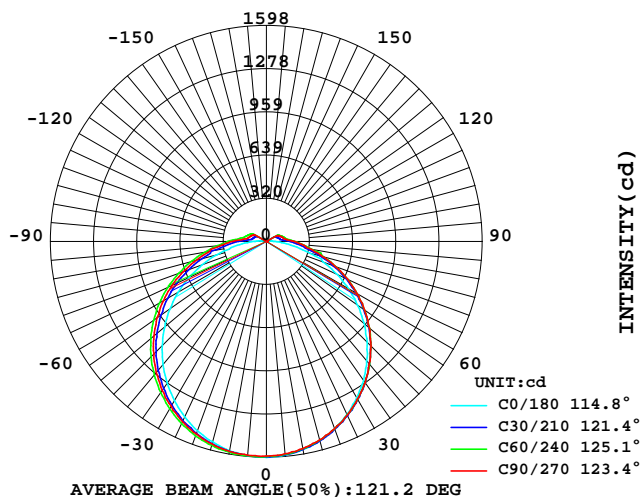
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

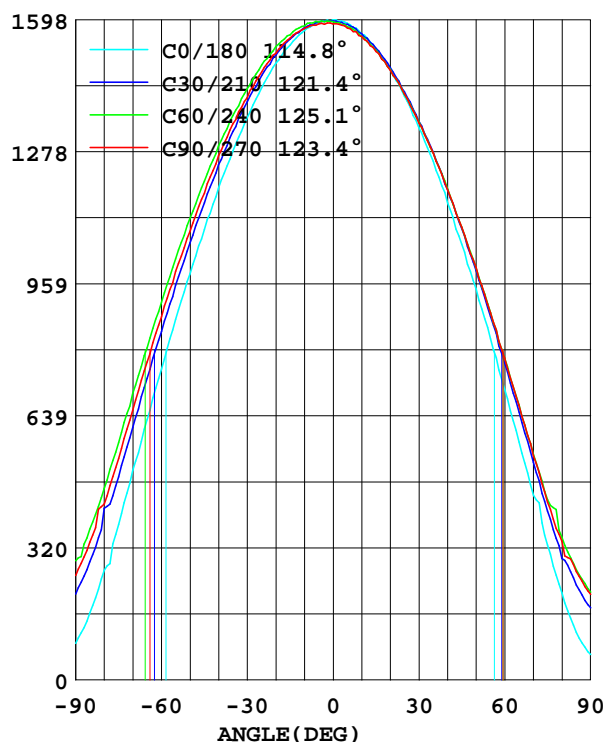
MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:

DATA OF LAMP		Imax(cd)	1598	S/MH(C0/180)	1.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	46	TOTAL FLUX(lm)	5297.4	Voltage(V)	218.0
RATED VOLTAGE(V)	218	EFFICIENCY(lm/W)	113.5	Current(A)	0.224
NOMINAL FLUX(lm)	5297.4	h up(%)	5.1	Power(W)	46.68
LAMPS QUANTITY	1	h down(%)	94.9	Power Factor(PF)	0.953
TEST VOLTAGE(V)	218.0	Effective Flux(lm)	5062.8	EEI	0.126

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

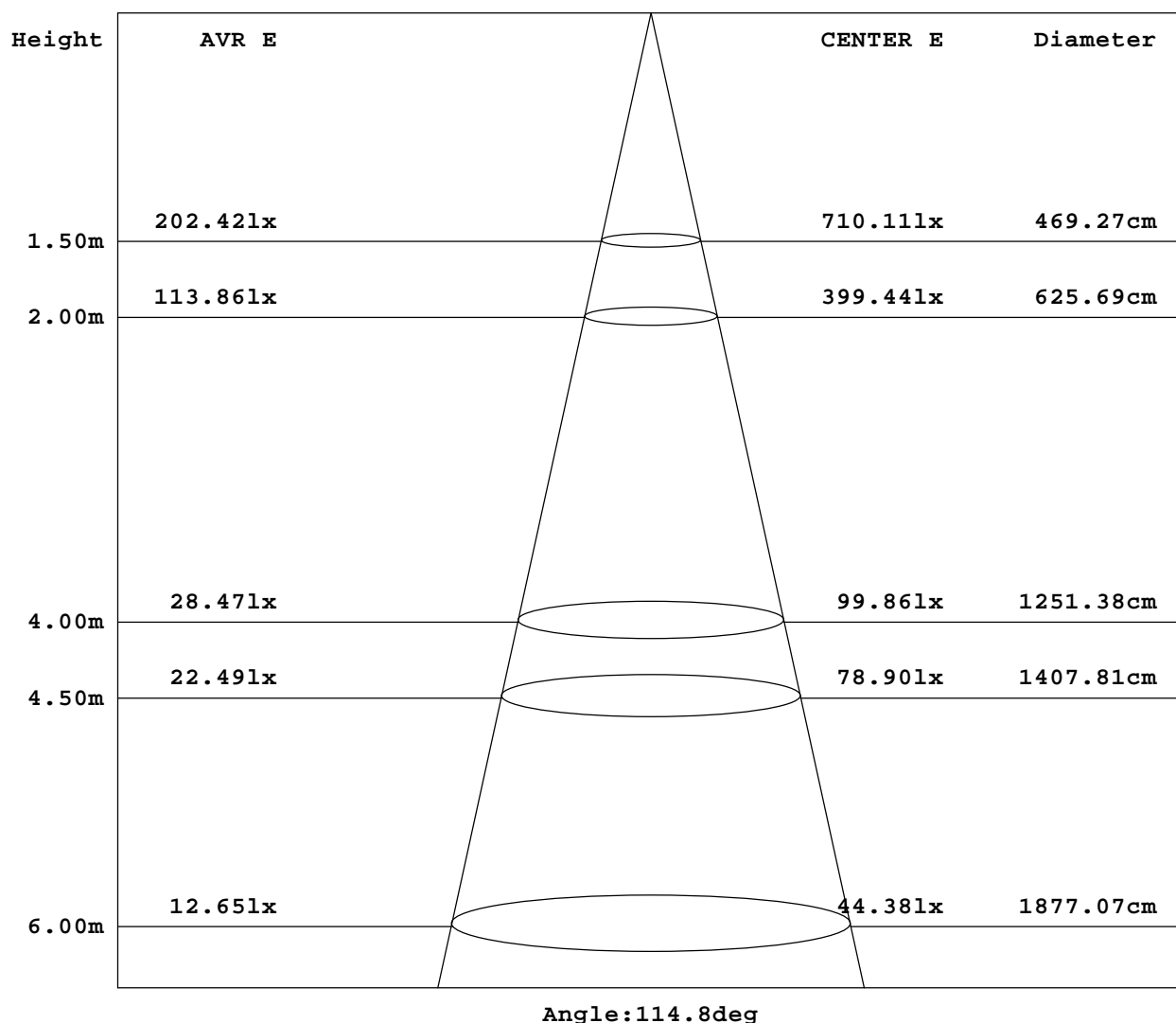
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks:

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	1592	1592	1588	1582	1589	1583	1577	1578	0- 5	37.96	37.96
10.0	1572	1581	1577	1564	1562	1560	1557	1553	5- 10	112.7	150.6
15.0	1536	1556	1553	1532	1526	1526	1521	1517	10- 15	183.8	334.5
20.0	1492	1522	1516	1487	1477	1479	1475	1466	15- 20	249.0	583.5
25.0	1433	1475	1471	1428	1412	1420	1417	1400	20- 25	306.2	889.8
30.0	1361	1415	1409	1357	1337	1352	1348	1329	25- 30	353.7	1244
35.0	1280	1346	1345	1277	1255	1276	1276	1246	30- 35	390.1	1634
40.0	1190	1269	1269	1189	1154	1187	1185	1149	35- 40	414.5	2048
45.0	1090	1181	1178	1087	1055	1094	1095	1049	40- 45	426.2	2475
50.0	982.5	1087	1086	981.7	945.9	992.9	997.8	941.8	45- 50	425.1	2900
55.0	872.6	987.0	988.2	872.9	825.4	883.9	888.0	820.7	50- 55	411.4	3311
60.0	752.0	878.6	878.6	750.0	703.9	773.0	778.5	703.5	55- 60	385.5	3697
65.0	630.3	766.6	769.3	628.5	575.5	657.1	663.8	580.9	60- 65	348.9	4046
70.0	506.8	652.3	652.7	506.2	447.0	535.9	542.5	448.0	65- 70	302.2	4348
75.0	375.7	532.9	535.2	374.4	326.7	422.2	430.1	316.4	70- 75	249.2	4597
80.0	265.4	439.4	425.5	254.8	210.8	319.3	335.3	217.5	75- 80	192.8	4790
85.0	162.3	325.5	333.5	156.7	115.0	248.1	262.0	121.4	80- 85	140.6	4931
90.0	89.00	248.3	252.5	86.04	61.54	193.4	206.8	68.31	85- 90	98.21	5029
95.0	58.15	178.3	176.9	57.99	42.18	146.6	155.7	47.80	90- 95	69.85	5099
100.0	36.73	143.2	143.2	38.21	26.81	123.0	130.7	30.83	95-100	51.38	5150
105.0	30.44	129.2	131.2	35.48	20.76	114.4	122.7	28.71	100-105	42.90	5193
110.0	28.26	119.8	121.9	32.88	17.61	104.3	112.1	25.86	105-110	38.51	5232
115.0	25.60	109.3	111.8	30.10	14.71	93.60	100.7	22.90	110-115	33.99	5266
120.0	19.91	95.66	101.8	26.71	13.86	82.47	88.40	20.48	115-120	29.23	5295
125.0	0	0	0	0	0	0	0	0	120-125	2.656	5297
130.0	0	0	0	0	0	0	0	0	125-130	0	5297
135.0	0	0	0	0	0	0	0	0	130-135	0	5297
140.0	0	0	0	0	0	0	0	0	135-140	0	5297
145.0	0	0	0	0	0	0	0	0	140-145	0	5297
150.0	0	0	0	0	0	0	0	0	145-150	0	5297
155.0	0	0	0	0	0	0	0	0	150-155	0	5297
160.0	0	0	0	0	0	0	0	0	155-160	0	5297
165.0	0	0	0	0	0	0	0	0	160-165	0	5297
170.0	0	0	0	0	0	0	0	0	165-170	0	5297
175.0	0	0	0	0	0	0	0	0	170-175	0	5297
180.0	0	0	0	0	0	0	0	0	175-180	0	5297
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

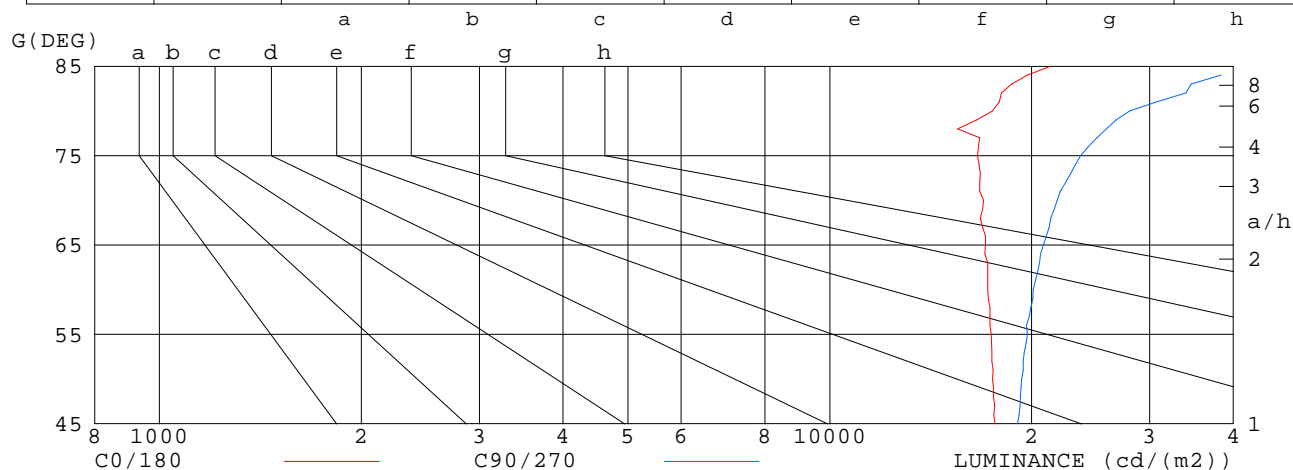
LUMINANCE LIMITATION CURVES

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	21311	43788
80	17489	28037
75	16612	23662
70	16955	21836
65	17066	20830
60	17210	20106
55	17407	19714
50	17490	19325
45	17644	19053

Test System:HOPOO HPG1800
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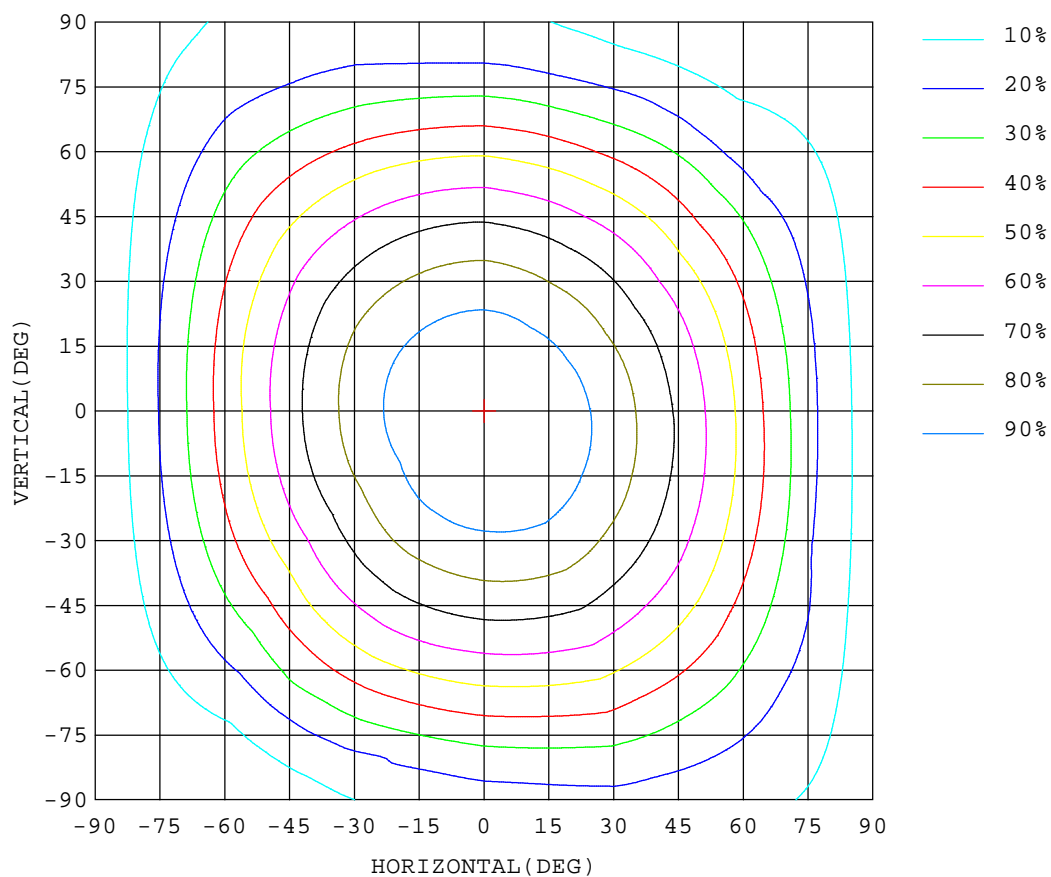
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



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

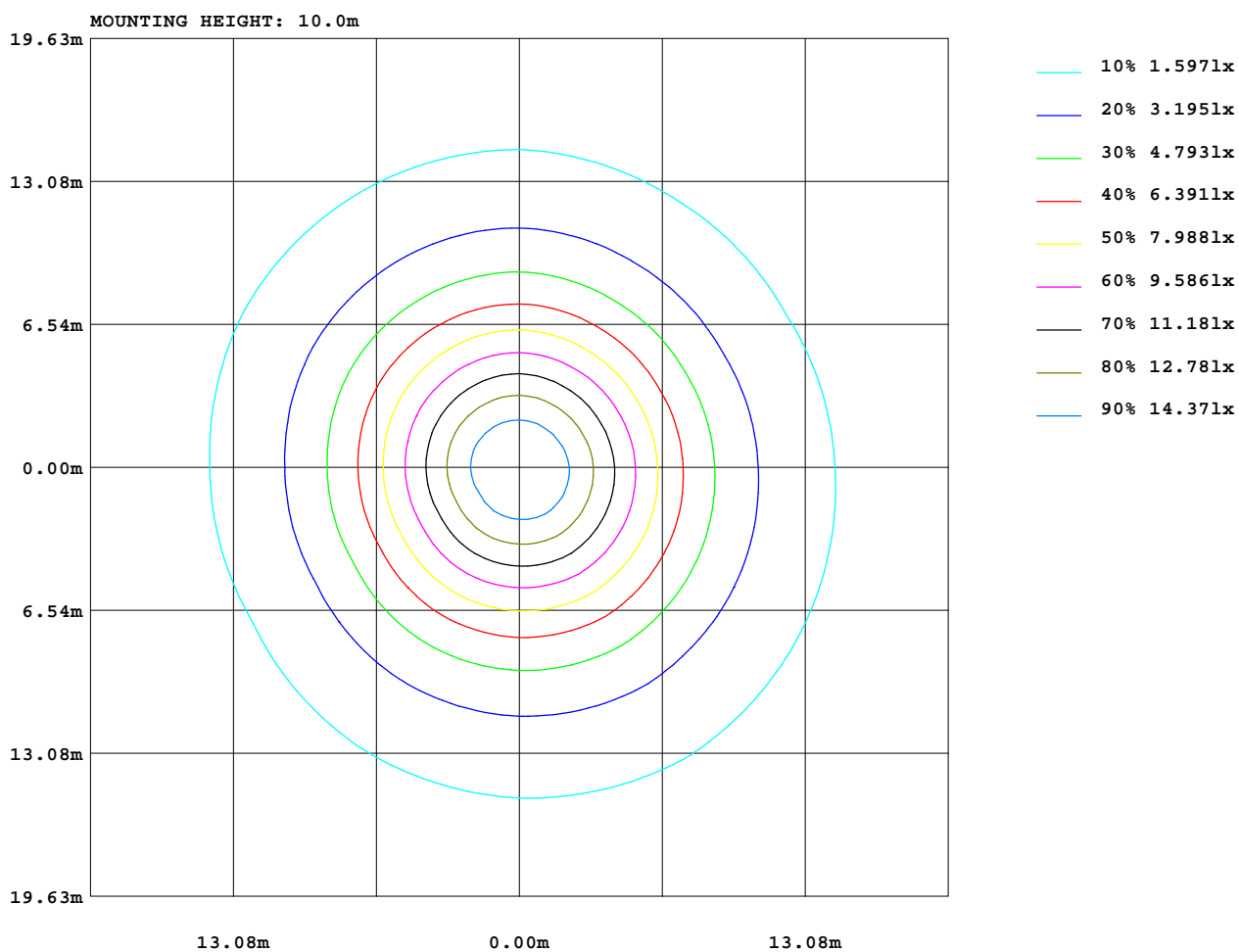
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks:

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
	0.24	1.03	2.28	3.68	5.00	6.29	7.25	7.77	8.00	7.50	6.32	4.99	3.60	2.28	1.14	0.67	0.53	0.21	68.8	58.9		
90																						
80	0.27	1.26	2.96	5.04	7.28	9.57	11.4	12.6	13.1	12.7	11.3	9.48	7.16	4.87	2.80	1.52	0.81	0.25	115	110		
70	0.30	1.52	3.73	6.84	10.2	13.6	16.6	18.8	19.9	19.5	17.7	14.9	11.7	8.17	4.80	2.67	1.18	0.29	173	171		
60	0.32	1.79	4.71	8.85	13.4	18.1	22.2	25.1	26.7	26.4	24.1	20.6	16.3	11.7	7.16	3.76	1.59	0.34	234	233		
50	0.35	2.08	5.66	10.7	16.5	22.2	27.2	30.9	32.9	32.6	30.0	25.9	20.7	14.9	9.47	5.00	1.97	0.38	290	290		
40	0.37	2.34	6.46	12.2	19.0	25.7	31.6	36.0	38.3	38.0	35.2	30.5	24.5	17.7	11.4	6.12	2.31	0.43	339	338		
30	0.39	2.55	7.05	13.4	20.9	28.5	35.1	40.0	42.6	42.4	39.4	34.3	27.5	20.2	13.1	7.02	2.62	0.46	378	378		
	0.39	2.69	7.41	14.2	22.2	30.3	37.6	42.9	45.8	45.6	42.5	37.1	29.9	22.0	14.3	7.67	2.86	0.49	407	406		
	0.39	2.73	7.53	14.5	22.7	31.1	38.7	44.5	47.6	47.4	44.5	38.9	31.4	23.1	15.0	8.07	3.02	0.51	422	422		
	0.39	2.69	7.45	14.3	22.5	30.9	38.6	44.4	47.6	48.0	45.1	39.5	31.9	23.5	15.3	8.24	3.09	0.52	425	424		
	0.37	2.58	7.15	13.8	21.6	29.8	37.2	43.1	46.5	47.0	44.3	38.8	31.5	23.3	15.2	8.18	3.08	0.53	414	414		
-30	0.35	2.36	6.63	12.7	20.0	27.7	35.0	40.8	44.0	44.5	42.1	37.0	30.1	22.3	14.5	7.86	2.99	0.52	392	392		
-40	0.32	2.07	5.87	11.2	17.8	25.1	32.0	37.2	40.1	40.6	38.7	34.2	27.8	20.6	13.5	7.31	2.81	0.50	358	358		
-50	0.28	1.73	4.91	9.41	15.3	21.9	27.9	32.5	35.2	35.7	34.1	30.4	24.7	18.4	12.1	6.56	2.57	0.47	315	314		
-60	0.25	1.35	3.72	7.42	12.4	17.9	23.1	26.9	29.3	29.9	28.6	25.8	21.0	15.6	10.3	5.65	2.31	0.44	263	262		
-70	0.21	0.97	2.51	5.12	9.16	13.5	17.6	20.7	22.7	23.4	22.5	20.4	16.8	12.5	8.38	4.78	1.95	0.40	204	202		
-80	0.18	0.63	1.38	2.94	5.66	8.79	11.7	14.1	15.7	16.4	16.0	14.8	12.4	9.40	6.48	3.70	1.61	0.36	143	139		
-90	0.15	0.38	0.53	1.24	2.89	4.90	6.78	8.36	9.73	10.3	10.2	9.69	8.34	6.45	4.60	2.82	1.32	0.33	89.1	83.4		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90		
Φ t	5.51	32.8	88.0	168	265	367	458	528	567	569	534	468	378	278	180	97.6	38.6	7.42	5297			
Φ a	1.42	28.6	85.4	166	263	366	458	528	567	569	533	466	376	275	178	95.5	36.1	4.13		5063		

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:

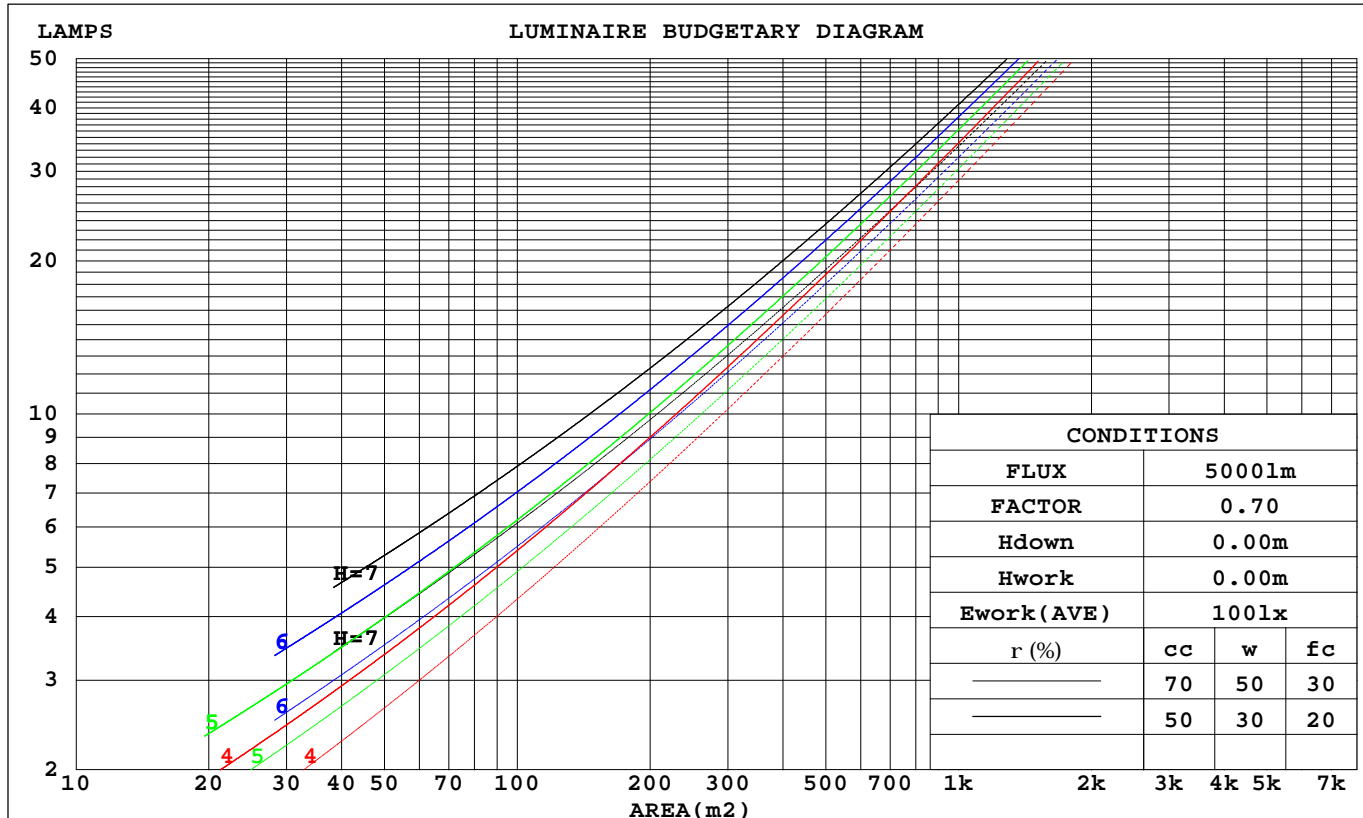
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

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	.47	.44											
5.0	.60	.50	.44	.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	.49	.40	.33	.47	.39	.33	.45	.38	.32	.44	.37	.32	.42	.36	.31	.29											
8.0	.44	.36	.30	.43	.35	.29	.42	.34	.29	.40	.33	.28	.38	.32	.28	.26											
9.0	.41	.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	.073	.059	.048	.023	.019	.016	
3.0	.207	.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	.131	.086	.164	.113	.075	.113	.079	.053	.066	.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	.116	.073	.152	.100	.063	.105	.070	.045	.061	.041	.027	.020	.014	.009	
8.0	.170	.110	.068	.147	.095	.060	.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	.062	.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	22.8	24.3	23.2	24.6	24.9	23.4	24.9	23.8	25.2	25.5
	3H	24.5	25.9	24.9	26.3	26.6	25.5	26.9	25.9	27.2	27.5
	4H	25.3	26.6	25.7	27.0	27.3	26.5	27.8	26.9	28.2	28.5
	6H	25.9	27.2	26.3	27.5	27.9	27.5	28.7	27.9	29.1	29.5
	8H	26.2	27.4	26.6	27.8	28.2	28.0	29.2	28.4	29.6	30.0
	12H	26.5	27.6	26.9	28.0	28.4	28.6	29.7	29.0	30.1	30.6
4H	2H	23.7	25.0	24.1	25.4	25.7	24.2	25.5	24.5	25.8	26.2
	3H	25.6	26.8	26.1	27.2	27.6	26.4	27.6	26.9	28.0	28.4
	4H	26.6	27.6	27.0	28.1	28.5	27.6	28.7	28.1	29.1	29.6
	6H	27.4	28.4	27.9	28.8	29.3	28.8	29.8	29.3	30.2	30.7
	8H	27.8	28.7	28.3	29.1	29.6	29.5	30.4	30.0	30.8	31.3
	12H	28.1	29.0	28.6	29.4	29.9	30.1	31.0	30.6	31.4	32.0
8H	4H	27.2	28.1	27.7	28.5	29.0	28.1	29.0	28.6	29.4	29.9
	6H	28.3	29.1	28.9	29.6	30.1	29.5	30.3	30.1	30.8	31.3
	8H	28.9	29.6	29.4	30.1	30.6	30.4	31.0	30.9	31.6	32.1
	12H	29.4	30.0	30.0	30.5	31.1	31.3	31.9	31.8	32.4	33.0
12H	4H	27.3	28.1	27.8	28.6	29.1	28.1	28.9	28.6	29.4	29.9
	6H	28.6	29.3	29.1	29.8	30.4	29.7	30.4	30.2	30.9	31.4
	8H	29.3	29.9	29.8	30.4	31.0	30.6	31.2	31.2	31.8	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 5297 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.8)

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

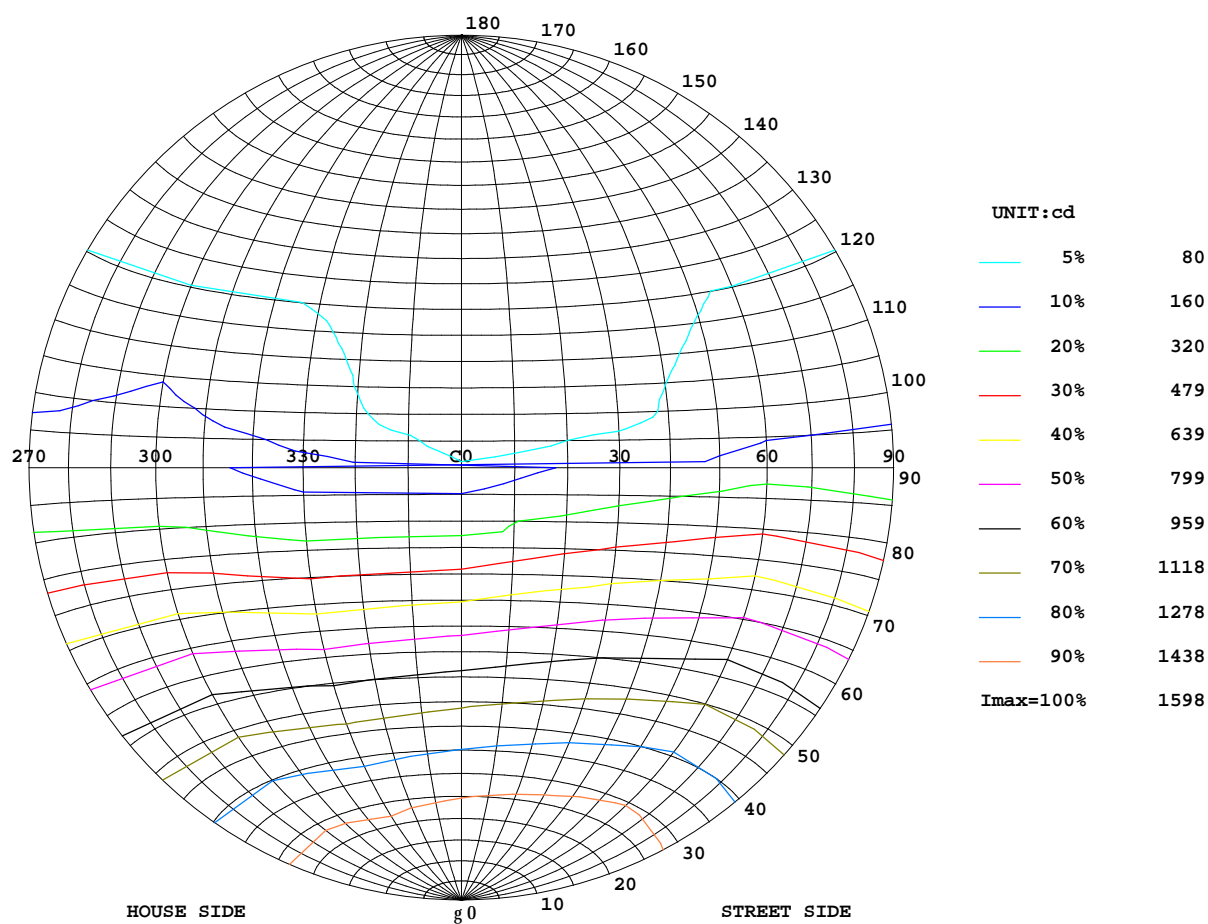
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks:

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:

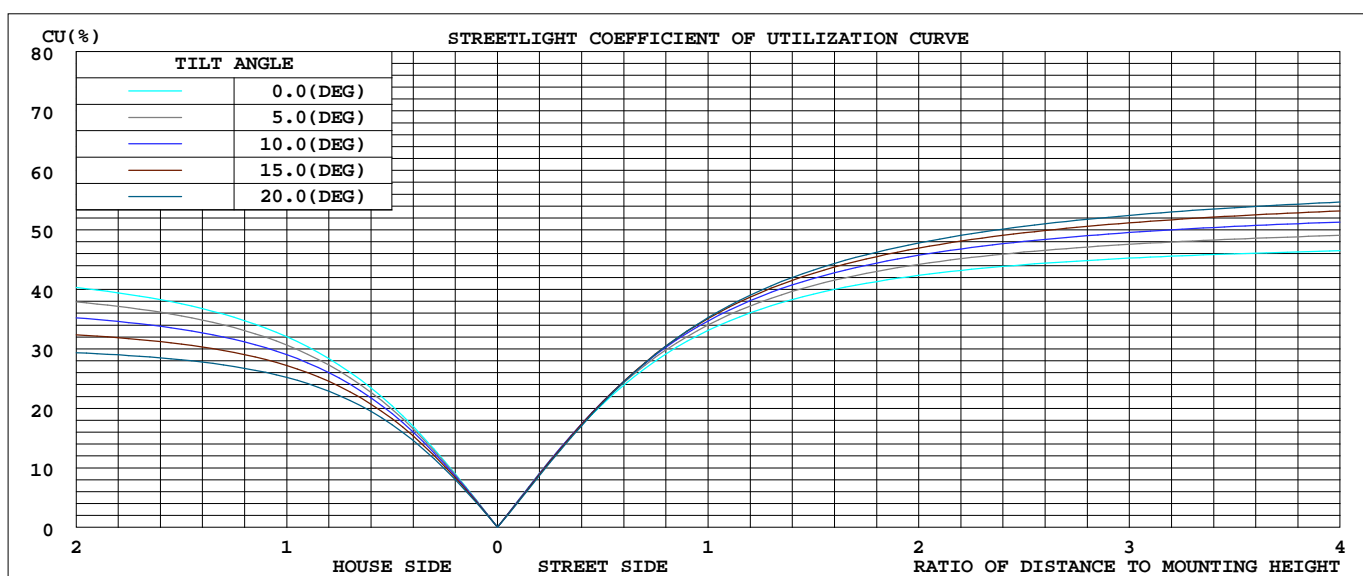
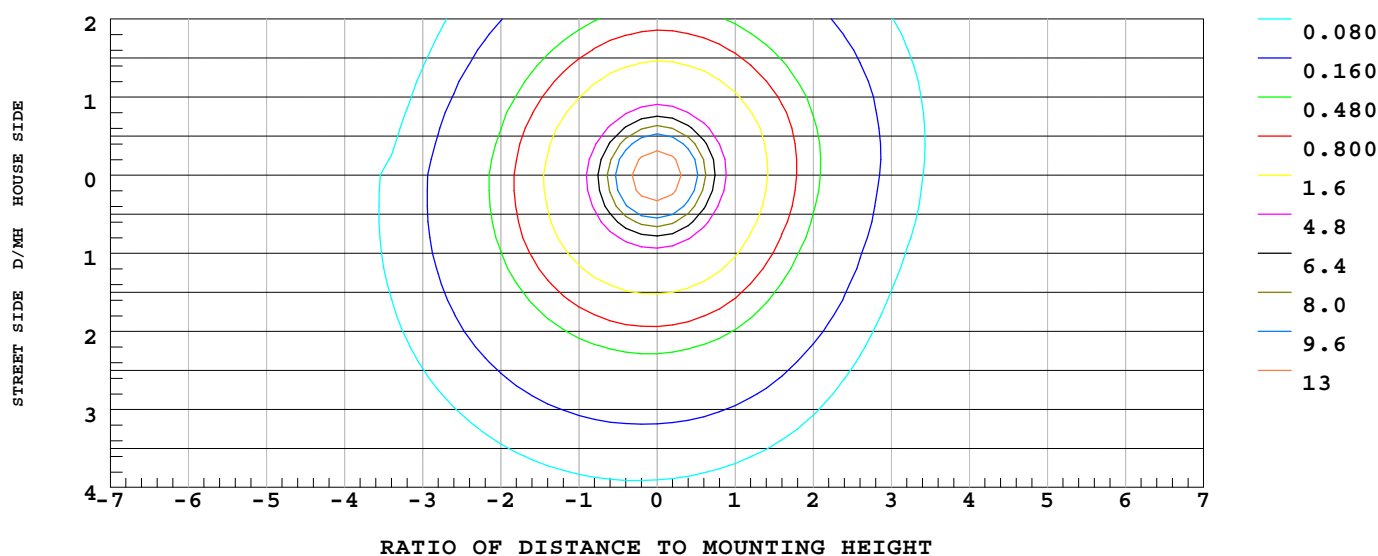
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

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 = 15.98 lx



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

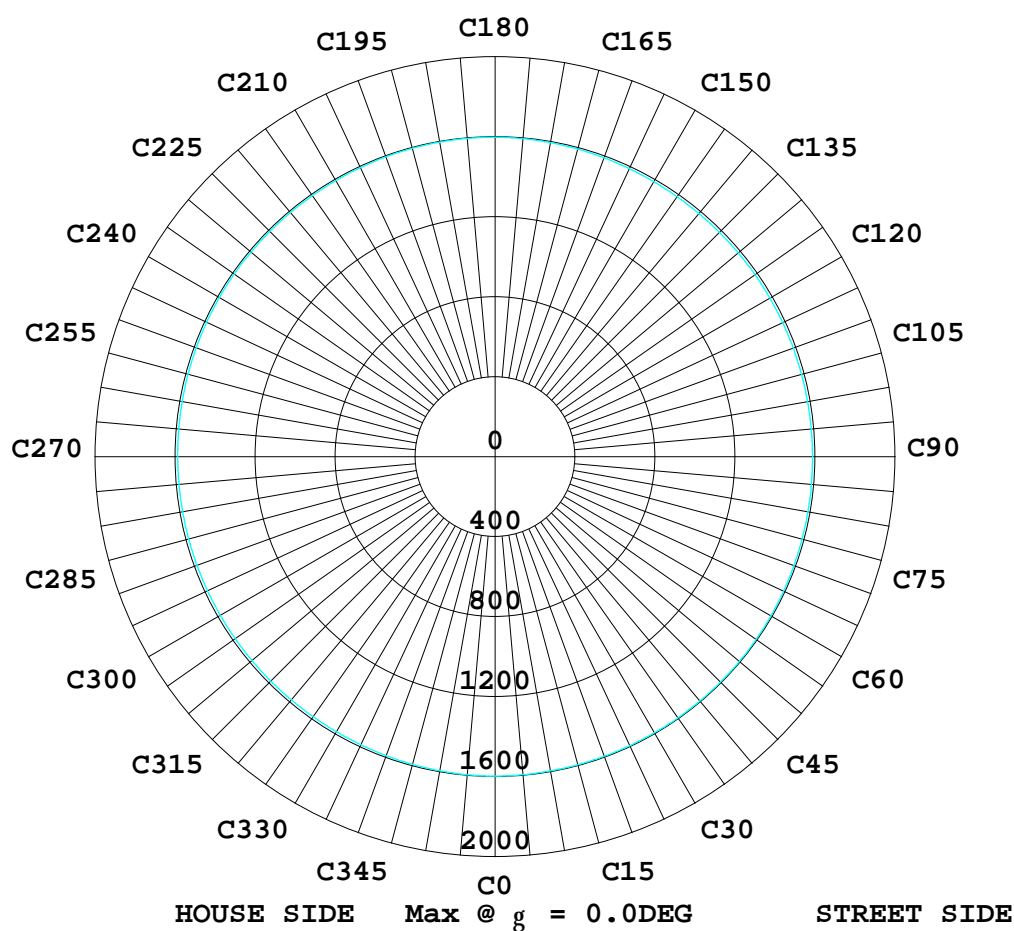
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks:

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	1598	1594	1593	1587	1587	1588	1598	1594	1593	1587	1587	1588
5.0	1592	1591	1592	1588	1585	1579	1589	1586	1581	1577	1576	1580
10.0	1572	1578	1583	1577	1571	1558	1562	1564	1556	1557	1550	1556
15.0	1536	1551	1561	1553	1542	1521	1526	1528	1523	1521	1514	1520
20.0	1492	1511	1532	1516	1503	1472	1477	1481	1477	1475	1465	1466
25.0	1433	1463	1488	1471	1451	1406	1412	1423	1417	1417	1399	1401
30.0	1361	1399	1431	1409	1384	1331	1337	1352	1351	1348	1328	1329
35.0	1280	1327	1366	1345	1308	1247	1255	1277	1276	1276	1247	1245
40.0	1190	1246	1292	1269	1227	1150	1154	1186	1188	1185	1152	1146
45.0	1090	1155	1207	1178	1130	1045	1055	1093	1095	1095	1054	1045
50.0	983	1058	1117	1086	1029	935	946	990	996	998	948	935
55.0	873	955	1019	988	927	819	825	879	889	888	830	811
60.0	752	843	915	879	810	690	704	767	779	779	717	690
65.0	630	730	804	769	694	563	576	649	665	664	598	564
70.0	507	611	694	653	574	438	447	526	546	543	472	424
75.0	376	492	574	535	449	300	327	408	436	430	358	275
80.0	265	415	464	426	332	178	211	294	345	335	252	183
85.0	162	286	365	334	238	75.0	115	230	267	262	167	76.0
90.0	89.0	208	289	253	160	12.5	61.5	174	212	207	116	20.6
95.0	58.1	142	215	177	116	0.00	42.1	126	167	156	90.8	4.79
100.0	36.7	110	177	143	76.4	0.00	26.8	102	144	131	61.6	0.00
105.0	30.4	102	156	131	70.9	0.00	20.7	96.5	132	123	57.4	0.00
110.0	28.2	96.3	143	122	65.7	0.00	17.6	87.6	121	112	51.7	0.00
115.0	25.6	87.9	131	112	60.2	0.00	14.7	78.6	109	101	45.8	0.00
120.0	19.9	74.4	117	102	53.4	0.00	13.8	68.1	96.7	88.4	40.9	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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Test Set: 10.0deg/s C-Gamma (TYPE C)
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