

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

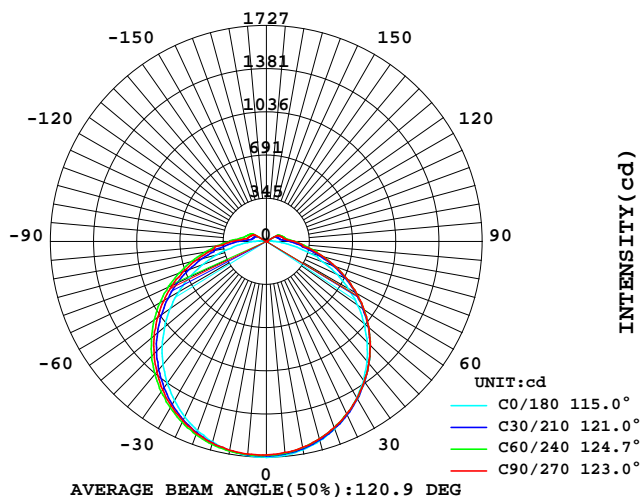
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

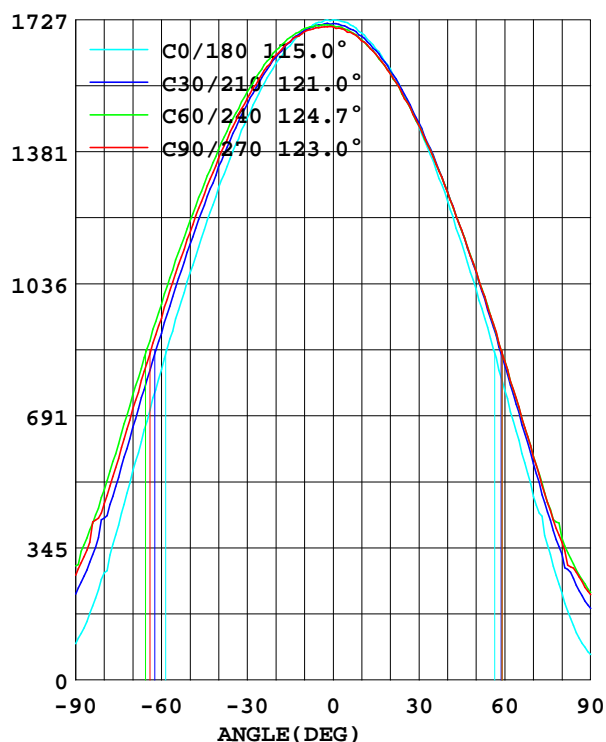
MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1727	S/MH(C0/180)	1.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	50	TOTAL FLUX(lm)	5631.3	Voltage(V)	217.8
RATED VOLTAGE(V)	218	EFFICIENCY(lm/W)	111.0	Current(A)	0.242
NOMINAL FLUX(lm)	5631.3	h up(%)	4.8	Power(W)	50.70
LAMPS QUANTITY	1	h down(%)	95.2	Power Factor(PF)	0.958
TEST VOLTAGE(V)	217.9	Effective Flux(lm)	5391.1	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

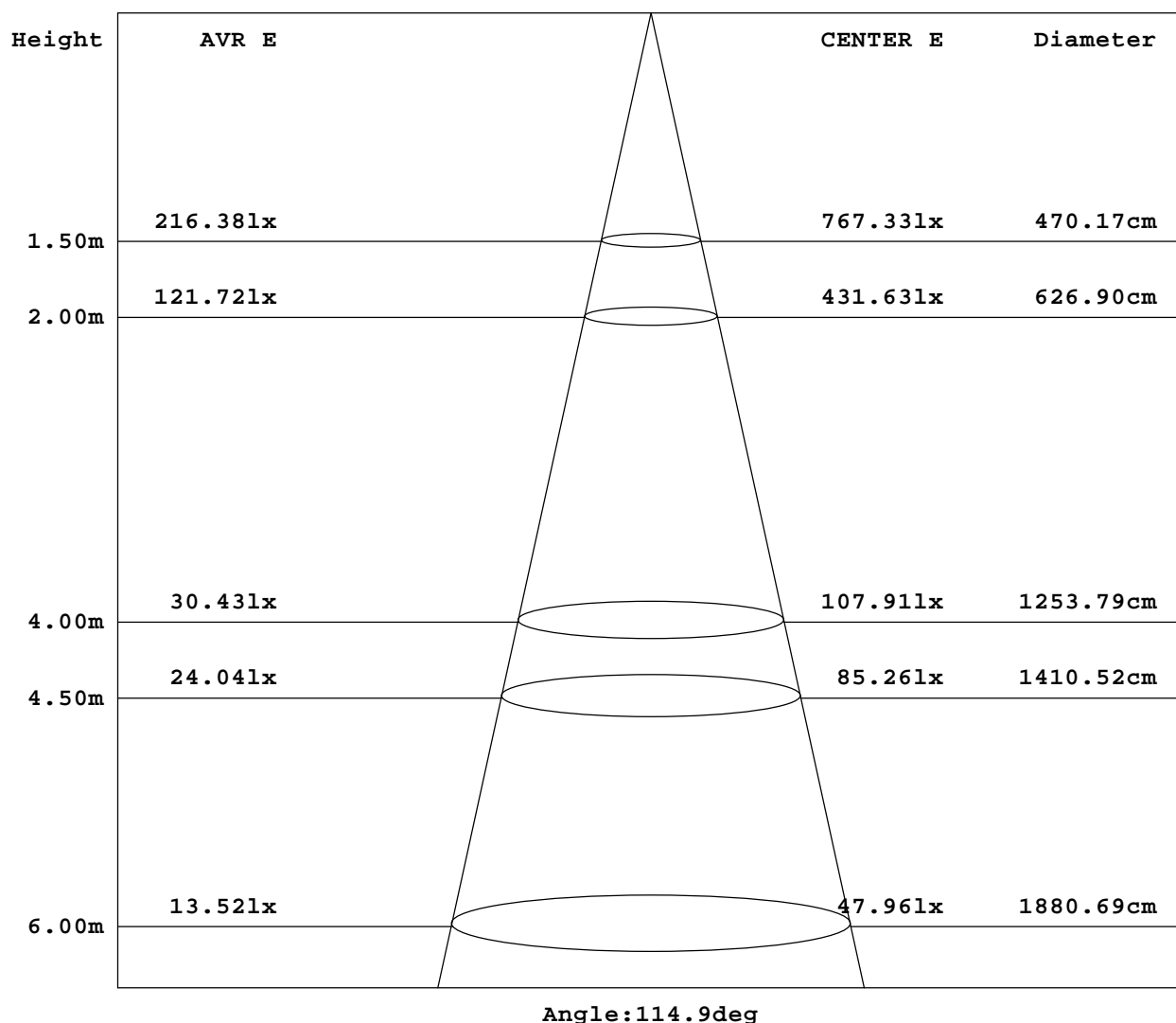
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks:

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	1720	1711	1705	1695	1718	1703	1693	1693	0- 5	40.80	40.80
10.0	1699	1701	1695	1672	1692	1678	1671	1667	5- 10	121.1	161.9
15.0	1658	1674	1670	1632	1649	1641	1636	1628	10- 15	197.5	359.4
20.0	1612	1636	1633	1582	1598	1589	1585	1573	15- 20	267.5	626.9
25.0	1549	1585	1582	1519	1527	1527	1520	1504	20- 25	328.8	955.8
30.0	1470	1521	1520	1439	1447	1454	1450	1424	25- 30	379.6	1336
35.0	1383	1448	1446	1350	1357	1371	1367	1335	30- 35	418.5	1754
40.0	1286	1364	1364	1253	1251	1275	1274	1231	35- 40	444.3	2198
45.0	1178	1270	1270	1140	1141	1174	1176	1122	40- 45	456.5	2655
50.0	1064	1169	1169	1027	1023	1068	1069	1005	45- 50	455.0	3110
55.0	944.2	1062	1063	903.2	892.6	948.9	952.8	873.5	50- 55	439.8	3550
60.0	811.6	943.9	945.0	771.5	758.7	829.7	834.9	745.9	55- 60	411.5	3961
65.0	676.9	826.2	829.5	636.4	626.6	705.5	713.3	611.7	60- 65	371.4	4333
70.0	546.2	702.8	708.0	502.5	480.2	574.9	582.8	467.3	65- 70	320.8	4654
75.0	404.5	573.6	578.6	362.4	352.7	451.8	463.5	312.9	70- 75	263.5	4917
80.0	280.1	459.9	460.7	235.2	227.6	350.3	359.9	211.3	75- 80	201.1	5118
85.0	174.5	350.9	360.5	127.7	123.2	267.1	281.8	103.2	80- 85	145.6	5264
90.0	95.29	261.2	274.1	55.43	66.13	207.9	222.9	45.08	85- 90	99.54	5364
95.0	62.62	193.0	192.5	31.23	45.32	158.4	168.2	26.26	90- 95	69.75	5433
100.0	39.39	154.5	155.7	19.75	29.47	132.5	141.8	14.49	95-100	51.38	5485
105.0	33.46	139.7	142.4	16.73	22.69	123.6	132.4	11.47	100-105	42.76	5528
110.0	31.29	129.6	133.2	15.40	20.03	112.7	121.5	9.897	105-110	38.27	5566
115.0	28.38	118.2	122.5	14.01	16.64	101.5	109.0	8.385	110-115	33.82	5600
120.0	22.45	104.0	111.5	11.04	15.56	89.37	96.26	7.901	115-120	29.02	5629
125.0	0	0	0	0	0	0	0	0	120-125	2.639	5631
130.0	0	0	0	0	0	0	0	0	125-130	0	5631
135.0	0	0	0	0	0	0	0	0	130-135	0	5631
140.0	0	0	0	0	0	0	0	0	135-140	0	5631
145.0	0	0	0	0	0	0	0	0	140-145	0	5631
150.0	0	0	0	0	0	0	0	0	145-150	0	5631
155.0	0	0	0	0	0	0	0	0	150-155	0	5631
160.0	0	0	0	0	0	0	0	0	155-160	0	5631
165.0	0	0	0	0	0	0	0	0	160-165	0	5631
170.0	0	0	0	0	0	0	0	0	165-170	0	5631
175.0	0	0	0	0	0	0	0	0	170-175	0	5631
180.0	0	0	0	0	0	0	0	0	175-180	0	5631
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

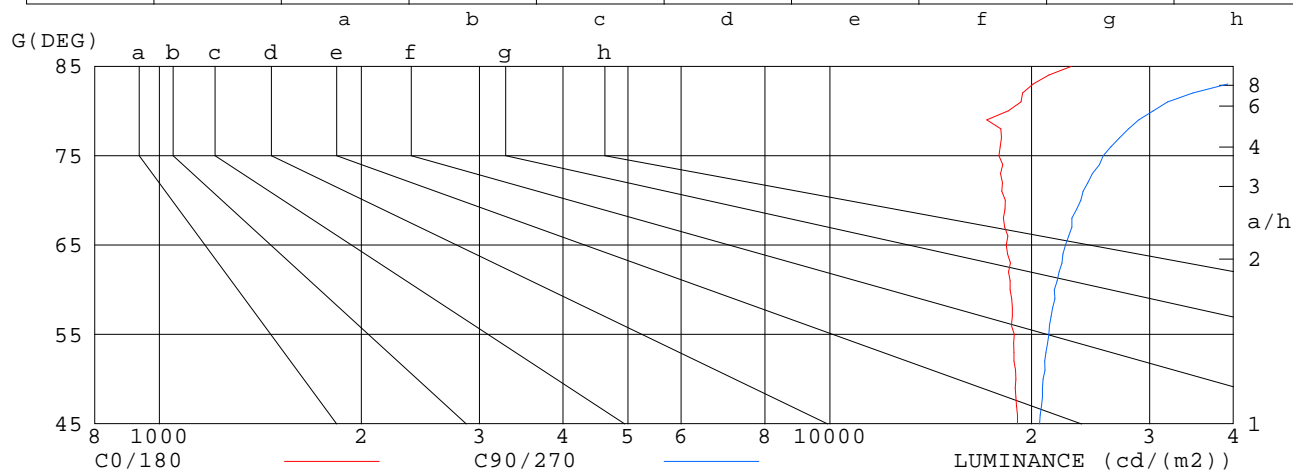
LUMINANCE LIMITATION CURVES

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	22915	47330
80	18462	30357
75	17885	25582
70	18274	23686
65	18327	22458
60	18573	21627
55	18836	21211
50	18942	20816
45	19055	20549

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

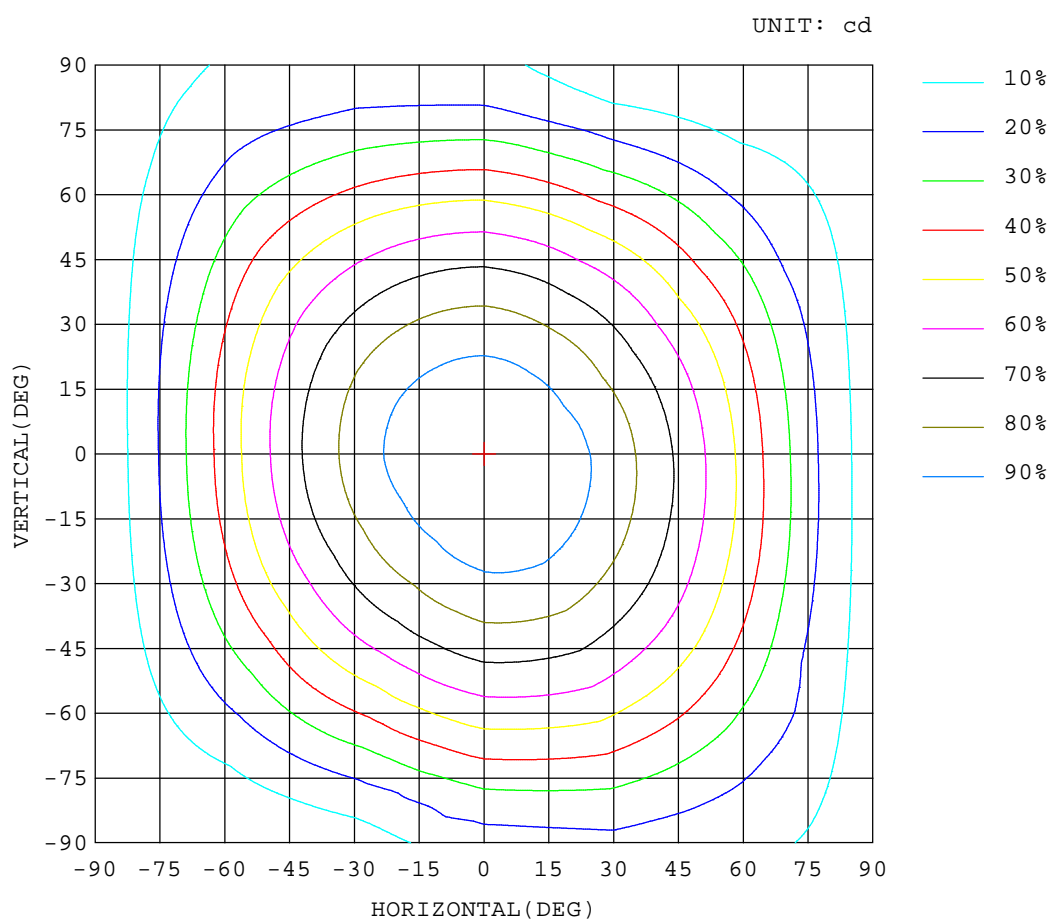
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 Test Distance:11.000 m
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HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number:

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



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

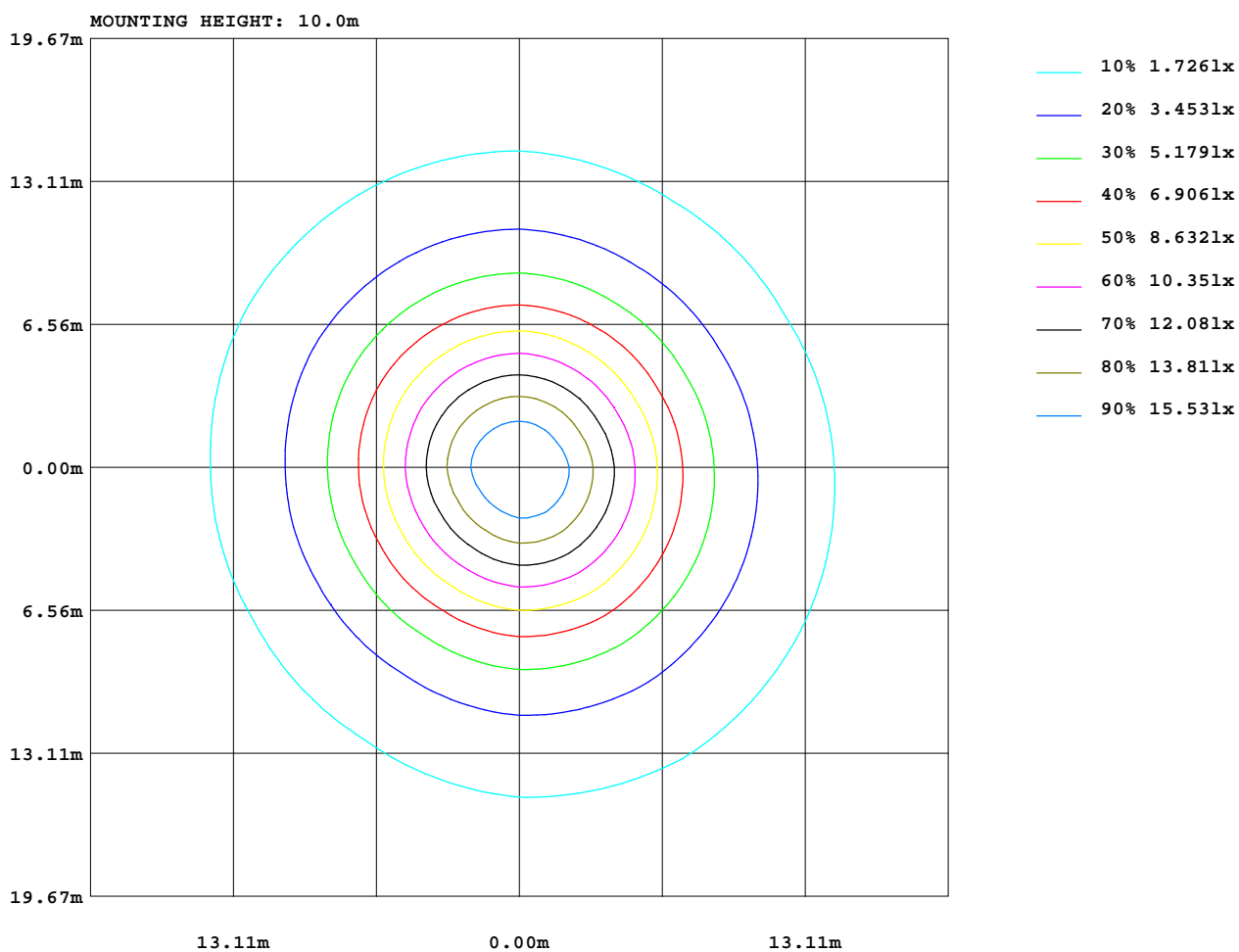
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks:

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			
	0.26	1.11	2.44	3.96	5.37	6.76	7.79	8.32	8.53	7.71	5.94	4.05	2.70	1.85	1.08	0.74	0.57	0.23	69.4	57.0					
80	0.29	1.35	3.16	5.38	7.75	10.1	12.1	13.4	14.1	13.4	11.6	9.18	6.78	4.76	2.90	1.65	0.88	0.27	119	114					
70	0.32	1.63	4.00	7.32	10.9	14.6	17.8	20.1	21.4	20.9	18.6	15.3	12.0	8.49	5.06	2.87	1.28	0.31	183	182					
60	0.35	1.92	5.06	9.51	14.4	19.4	23.8	27.0	28.7	28.2	25.6	21.7	17.2	12.4	7.72	4.04	1.71	0.36	250	249					
50	0.38	2.24	6.08	11.5	17.7	23.8	29.2	33.2	35.3	35.0	32.1	27.5	22.0	15.9	10.1	5.40	2.11	0.41	311	310					
40	0.40	2.52	6.94	13.2	20.5	27.6	33.9	38.6	41.1	40.8	37.7	32.6	26.2	19.0	12.3	6.60	2.49	0.46	364	363					
30	0.42	2.75	7.58	14.5	22.5	30.7	37.7	43.0	45.8	45.6	42.3	36.7	29.5	21.7	14.1	7.56	2.83	0.50	406	406					
VERTICAL (DEG)	0.42	2.89	7.99	15.3	23.9	32.7	40.5	46.2	49.2	49.0	45.6	39.7	32.2	23.7	15.4	8.27	3.09	0.53	437	437					
	0.42	2.92	8.13	15.6	24.5	33.6	41.8	48.0	51.2	51.0	47.8	41.9	33.9	25.0	16.2	8.71	3.26	0.55	455	455					
	0.42	2.89	8.04	15.5	24.3	33.4	41.6	47.7	51.1	51.6	48.6	42.6	34.5	25.4	16.5	8.89	3.34	0.56	458	457					
	0.40	2.78	7.71	14.9	23.3	32.0	39.8	45.9	49.7	50.5	47.6	41.8	33.9	25.1	16.3	8.82	3.33	0.57	445	445					
	0.38	2.57	7.13	13.7	21.5	29.6	37.1	43.0	46.9	47.8	45.3	39.8	32.4	24.0	15.7	8.48	3.22	0.56	420	419					
	0.35	2.24	6.34	12.1	19.1	26.5	33.4	38.9	42.8	43.7	41.6	36.7	29.9	22.2	14.5	7.88	3.03	0.53	382	382					
	0.31	1.87	5.34	10.1	16.2	22.7	28.6	33.8	37.5	38.5	36.7	32.7	26.6	19.8	13.0	7.07	2.76	0.50	334	334					
	0.27	1.46	4.06	8.01	12.8	18.1	23.1	27.8	31.2	32.2	30.8	27.7	22.6	16.8	11.1	6.08	2.47	0.47	278	277					
	0.23	1.05	2.72	5.46	9.25	13.1	17.0	21.1	24.1	25.2	24.2	22.0	18.1	13.4	8.99	5.09	2.11	0.43	214	212					
	0.19	0.69	1.51	3.01	5.32	7.89	10.7	13.9	16.6	17.7	17.2	15.9	13.3	10.0	6.97	4.01	1.74	0.39	147	143					
0.16	0.42	0.60	1.13	2.25	3.59	5.49	7.90	10.1	11.2	11.0	10.4	8.97	6.93	4.95	3.04	1.42	0.35	90.1	81.1						
-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)										20	30	40	50	60	70	80	90
Φ t	5.93	35.3	94.9	181	282	387	482	559	606	611	571	499	403	297	194	105	41.7	7.98	5631						
Φ a	1.50	30.7	92.1	178	280	385	481	559	606	611	570	497	401	295	191	103	38.8	4.42				5391			

Test System:HOPOO HPG1800
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 Operators:
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Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
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 Remarks:

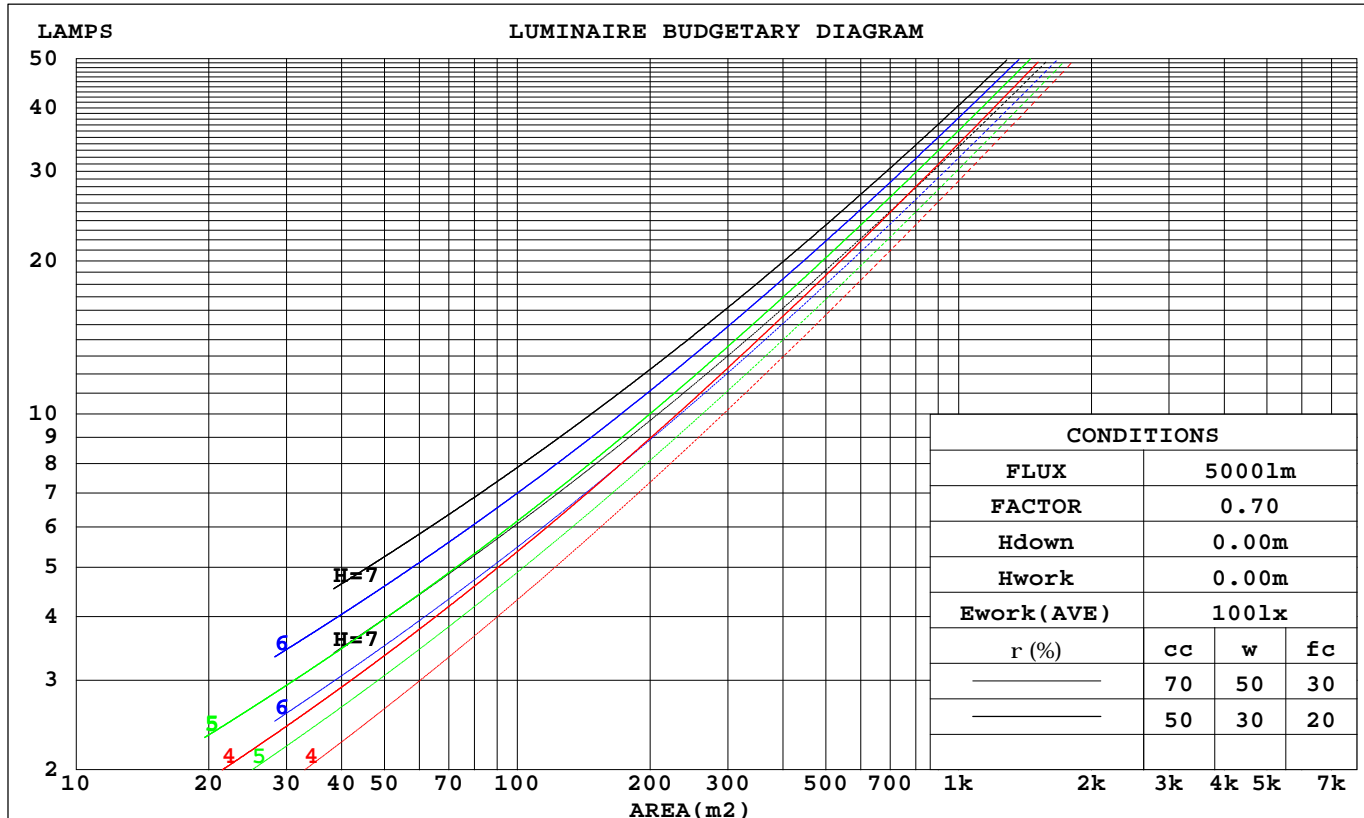
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

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
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 Operators:
 Test Date:2021年04月22日

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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	.344	.196	.062	.335	.191	.061	.319	.183	.058	.304	.175	.056	.291	.168	.054	
2.0	.311	.171	.052	.304	.167	.052	.289	.161	.050	.276	.155	.048	.264	.149	.047	
3.0	.283	.151	.045	.276	.148	.044	.263	.143	.043	.251	.138	.042	.240	.133	.041	
4.0	.258	.134	.039	.252	.132	.039	.241	.128	.038	.230	.123	.037	.220	.120	.036	
5.0	.237	.121	.035	.231	.119	.035	.221	.115	.034	.212	.112	.033	.203	.108	.033	
6.0	.218	.110	.031	.214	.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	.189	.092	.026	.185	.091	.026	.177	.088	.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	.227	.227	.227	.194	.194	.194	.132	.132	.132	.076	.076	.076	.024	.024	.024	
1.0	.219	.192	.168	.188	.165	.145	.128	.114	.100	.074	.066	.058	.024	.021	.019	
2.0	.212	.169	.132	.181	.145	.114	.124	.100	.080	.072	.058	.047	.023	.019	.015	
3.0	.204	.151	.109	.175	.131	.095	.120	.091	.067	.069	.053	.039	.022	.017	.013	
4.0	.196	.138	.094	.168	.120	.082	.116	.083	.058	.067	.049	.034	.022	.016	.011	
5.0	.189	.128	.083	.162	.111	.073	.112	.077	.051	.065	.045	.030	.021	.015	.010	
6.0	.181	.120	.076	.156	.104	.066	.107	.073	.047	.062	.043	.028	.020	.014	.009	
7.0	.174	.113	.070	.150	.098	.061	.104	.069	.043	.060	.040	.026	.019	.013	.009	
8.0	.168	.107	.066	.144	.093	.057	.100	.065	.041	.058	.039	.024	.019	.013	.008	
9.0	.161	.102	.063	.139	.089	.055	.096	.062	.039	.056	.037	.023	.018	.012	.008	
10.0	.156	.098	.060	.134	.085	.052	.093	.060	.037	.054	.035	.022	.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	23.1	24.6	23.5	24.9	25.2	23.7	25.3	24.1	25.5	25.8	
	3H	24.9	26.2	25.2	26.6	26.9	25.8	27.2	26.2	27.5	27.8
	4H	25.6	26.9	26.0	27.3	27.6	26.8	28.1	27.2	28.5	28.8
	6H	26.2	27.5	26.7	27.9	28.2	27.8	29.0	28.2	29.4	29.8
	8H	26.5	27.7	26.9	28.1	28.5	28.3	29.5	28.7	29.9	30.3
	12H	26.8	28.0	27.2	28.3	28.7	28.9	30.1	29.4	30.5	30.9
4H	2H	24.0	25.3	24.4	25.7	26.0	24.5	25.8	24.8	26.1	26.5
	3H	26.0	27.1	26.4	27.5	27.9	26.8	27.9	27.2	28.3	28.7
	4H	26.9	28.0	27.3	28.4	28.8	27.9	29.0	28.4	29.4	29.9
	6H	27.7	28.7	28.2	29.1	29.6	29.1	30.1	29.6	30.5	31.0
	8H	28.1	29.0	28.6	29.4	29.9	29.8	30.6	30.2	31.1	31.6
	12H	28.4	29.3	29.0	29.7	30.3	30.5	31.3	31.0	31.8	32.3
8H	4H	27.5	28.4	28.0	28.8	29.3	28.4	29.3	28.9	29.7	30.2
	6H	28.7	29.4	29.2	29.9	30.4	29.9	30.6	30.4	31.1	31.6
	8H	29.2	29.9	29.7	30.4	30.9	30.7	31.3	31.2	31.9	32.4
	12H	29.7	30.3	30.3	30.8	31.4	31.6	32.2	32.2	32.7	33.3
12H	4H	27.6	28.5	28.1	28.9	29.4	28.4	29.3	28.9	29.7	30.2
	6H	28.9	29.6	29.5	30.1	30.6	30.0	30.7	30.6	31.2	31.7
	8H	29.6	30.2	30.1	30.7	31.3	30.9	31.5	31.5	32.1	32.6
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.2 / - 0.5					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 5631 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	42	35	52	41	35	28
0.80	64	52	44	63	51	44	61	50	43	36
1.00	72	60	52	71	59	52	68	61	51	44
1.25	79	68	60	77	67	59	74	65	59	51
1.50	84	73	66	82	72	65	79	70	64	55
2.00	91	82	74	89	80	73	85	78	72	63
2.50	95	87	80	93	85	79	88	82	76	67
3.00	99	91	85	96	89	83	92	86	81	71
4.00	103	96	91	100	94	89	95	90	86	76
5.00	106	100	95	103	98	93	98	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

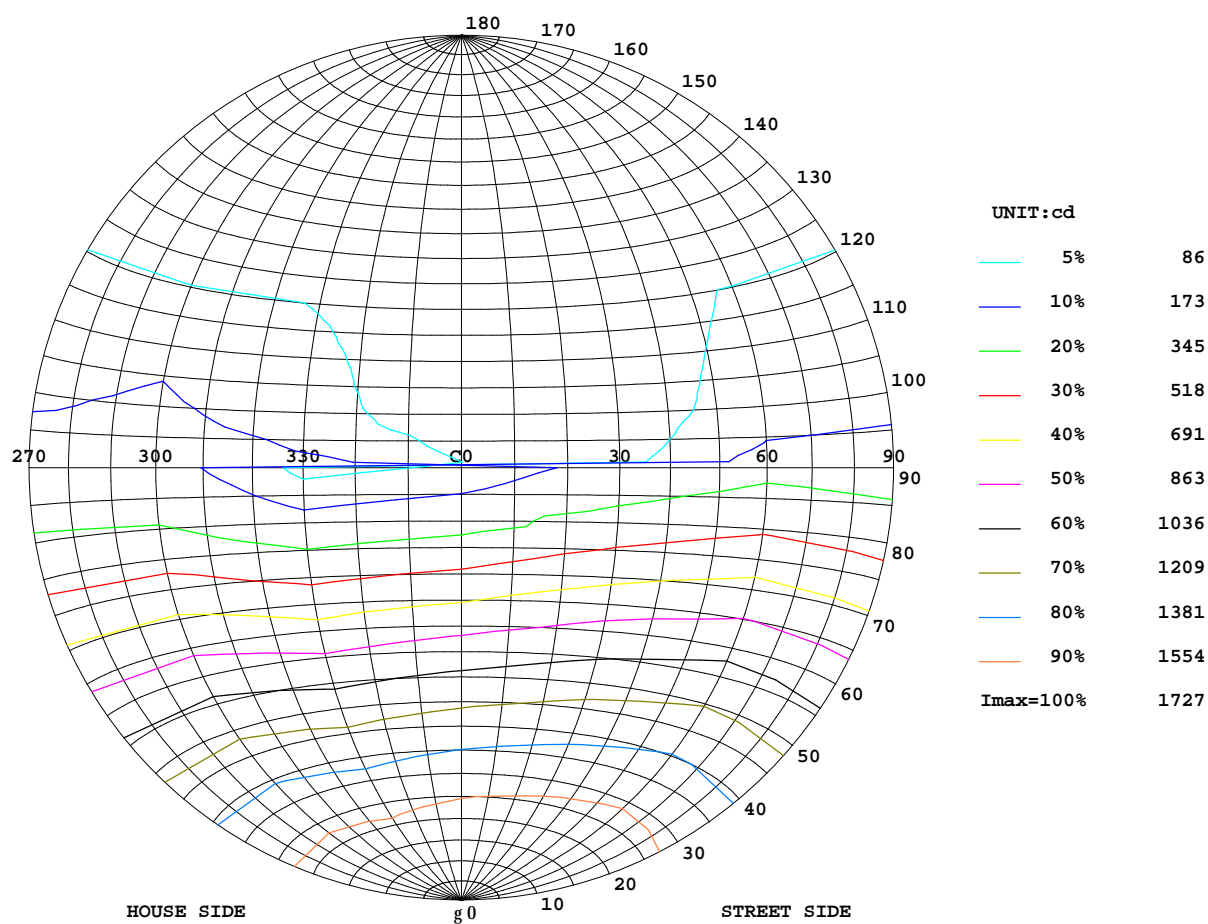
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks:

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:

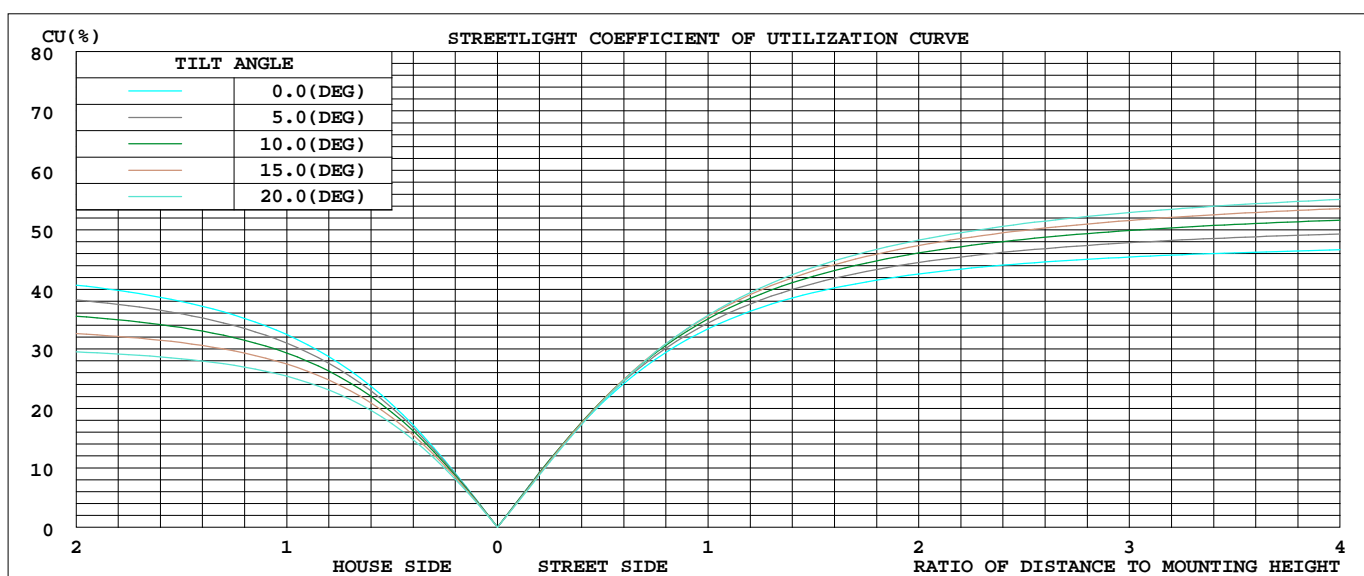
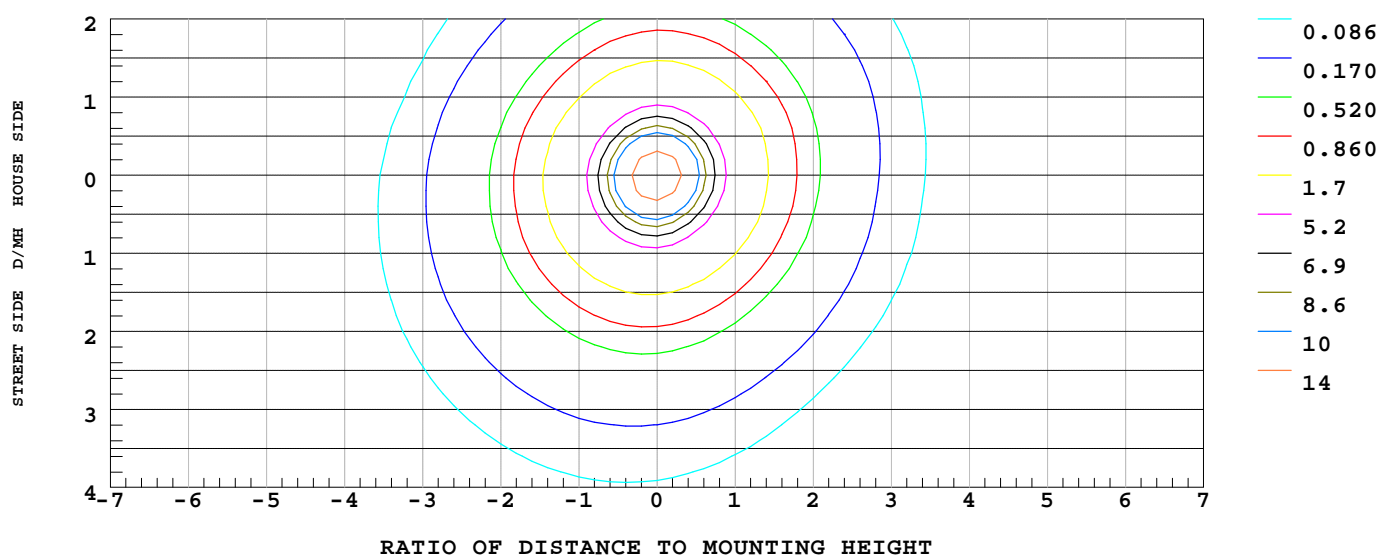
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

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 = 17.27 lx



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

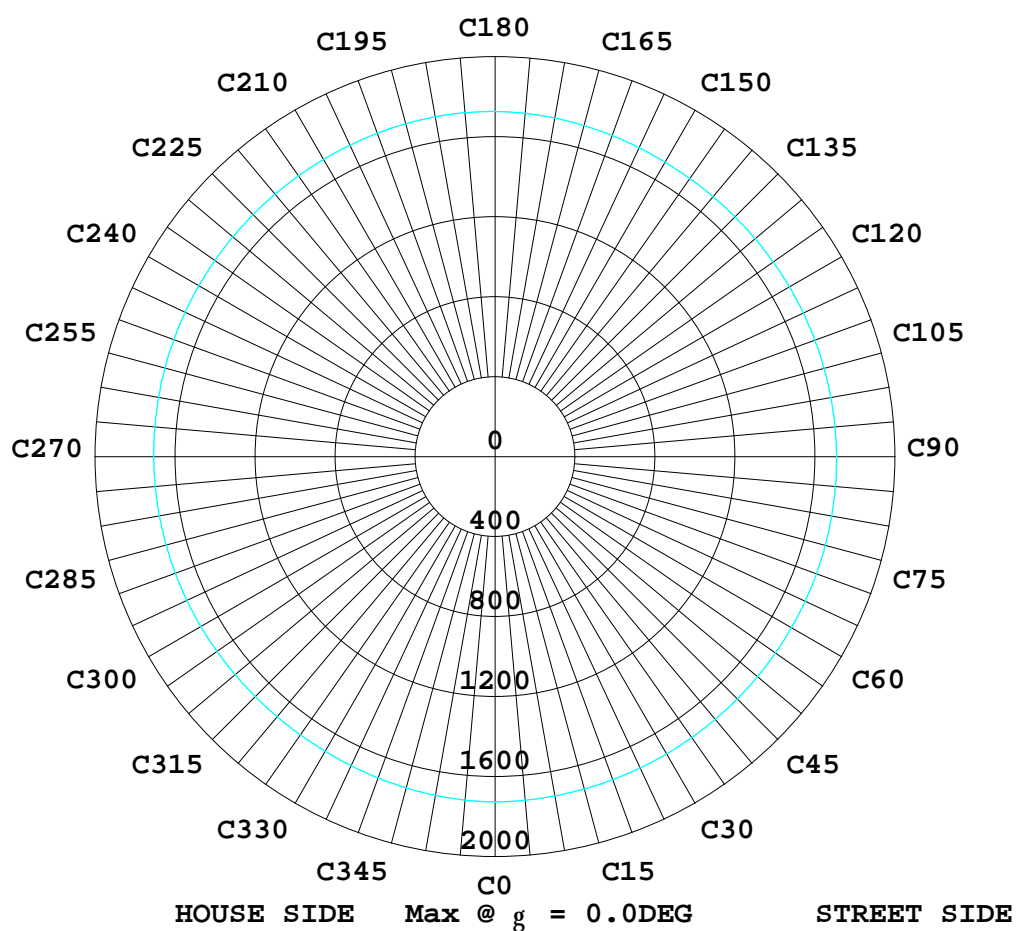
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks:

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	1727	1716	1711	1707	1700	1701	1727	1716	1711	1707	1700	1701
5.0	1720	1713	1710	1705	1696	1694	1718	1706	1700	1693	1694	1692
10.0	1699	1699	1703	1695	1676	1669	1692	1683	1674	1671	1667	1668
15.0	1658	1668	1680	1670	1639	1626	1649	1646	1636	1636	1629	1628
20.0	1612	1628	1645	1633	1590	1575	1598	1591	1587	1585	1576	1570
25.0	1549	1574	1596	1582	1528	1510	1527	1531	1522	1520	1506	1503
30.0	1470	1505	1538	1520	1450	1427	1447	1457	1450	1450	1427	1422
35.0	1383	1429	1468	1446	1365	1334	1357	1373	1369	1367	1338	1332
40.0	1286	1342	1387	1364	1270	1236	1251	1276	1274	1274	1234	1228
45.0	1178	1242	1298	1270	1160	1120	1141	1175	1174	1176	1124	1119
50.0	1064	1138	1201	1169	1050	1003	1023	1067	1070	1069	1008	1002
55.0	944	1027	1098	1063	928	878	893	945	952	953	879	868
60.0	812	906	982	945	802	741	759	824	835	835	751	741
65.0	677	786	866	830	668	605	627	699	712	713	618	605
70.0	546	660	746	708	540	465	480	565	585	583	478	457
75.0	405	530	618	579	401	324	353	439	464	464	349	277
80.0	280	423	497	461	277	193	228	329	371	360	225	198
85.0	175	309	393	361	172	83.1	123	247	287	282	123	84.0
90.0	95.2	224	298	274	94.9	15.9	66.1	187	229	223	66.0	24.1
95.0	62.6	153	233	193	62.3	0.07	45.3	137	180	168	45.3	7.21
100.0	39.3	118	191	156	39.5	0.00	29.4	110	155	142	28.9	0.00
105.0	33.4	110	169	142	33.4	0.00	22.6	104	144	132	22.9	0.00
110.0	31.2	104	155	133	30.8	0.00	20.0	94.6	131	122	19.7	0.00
115.0	28.3	94.8	142	123	28.0	0.00	16.6	85.0	118	109	16.7	0.00
120.0	22.4	81.2	127	112	22.0	0.00	15.5	73.6	105	96.2	15.8	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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