

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

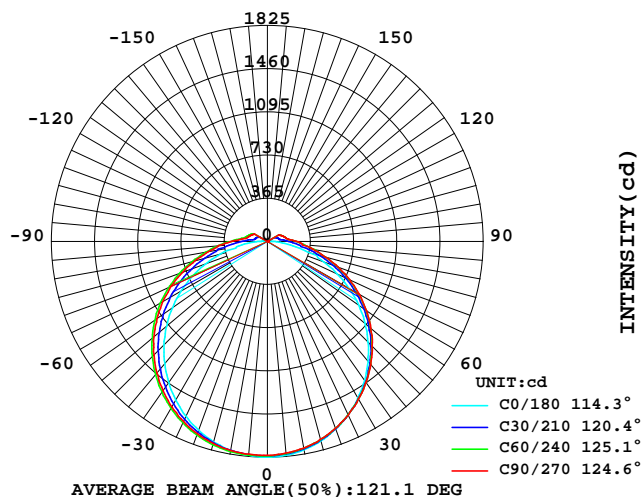
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

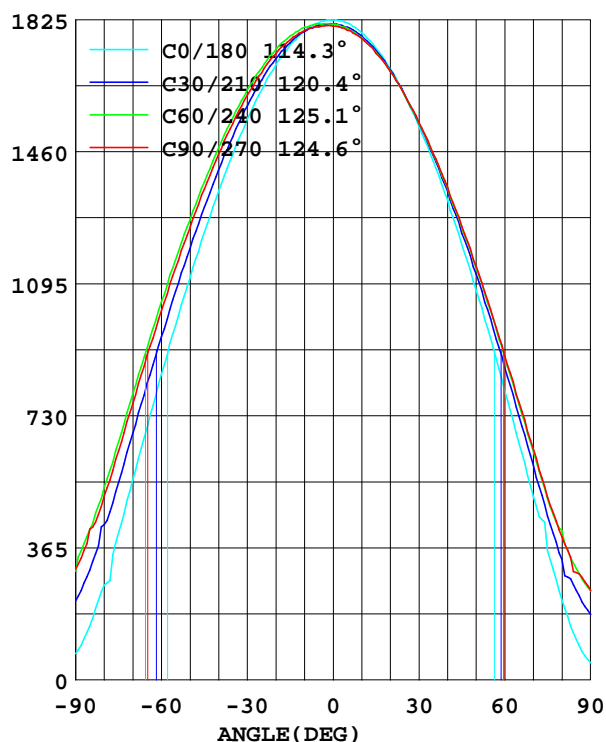
MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1825	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.33
NOMINAL POWER(W)	52	TOTAL FLUX(lm)	6078.2	Voltage(V)	217.8
RATED VOLTAGE(V)	218	EFFICIENCY(lm/W)	118.9	Current(A)	0.244
NOMINAL FLUX(lm)	6078.2	h up(%)	5.2	Power(W)	51.09
LAMPS QUANTITY	1	h down(%)	94.8	Power Factor(PF)	0.958
TEST VOLTAGE(V)	217.9	Effective Flux(lm)	5807.8	EEI	0.120

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

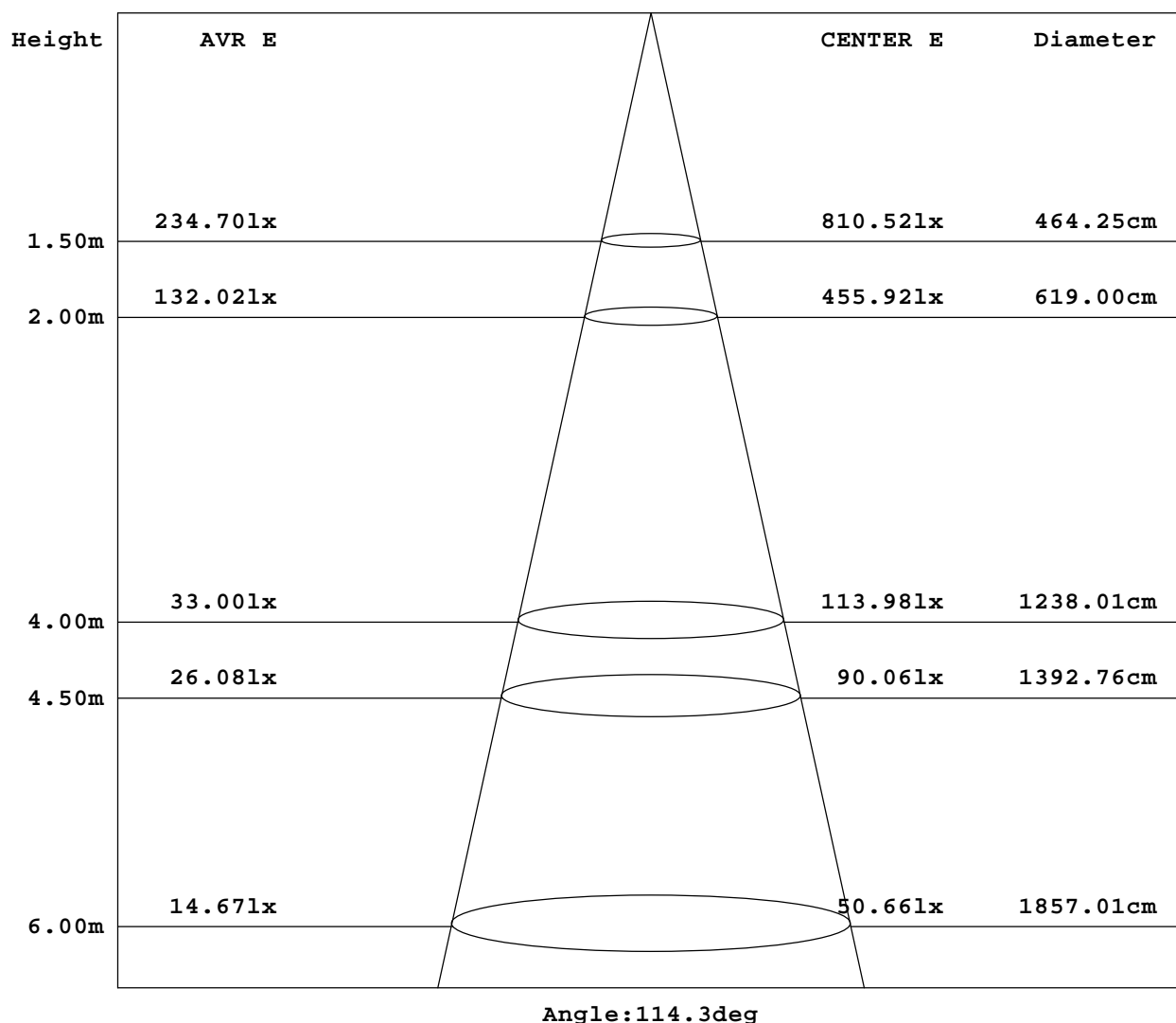
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks:

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	1815	1811	1804	1796	1815	1802	1795	1790	0- 5	43.18	43.18
10.0	1793	1797	1795	1776	1789	1777	1773	1765	5- 10	128.2	171.4
15.0	1755	1770	1769	1743	1746	1736	1732	1723	10- 15	209.2	380.6
20.0	1699	1729	1730	1691	1687	1684	1681	1666	15- 20	283.5	664.2
25.0	1631	1674	1677	1629	1617	1617	1618	1597	20- 25	348.9	1013
30.0	1550	1608	1616	1554	1530	1538	1541	1513	25- 30	403.3	1417
35.0	1453	1528	1538	1463	1433	1451	1454	1420	30- 35	445.1	1862
40.0	1349	1439	1452	1365	1326	1354	1360	1317	35- 40	473.3	2335
45.0	1237	1341	1356	1258	1203	1242	1254	1200	40- 45	487.1	2822
50.0	1110	1231	1249	1136	1078	1129	1143	1080	45- 50	486.5	3309
55.0	979.6	1118	1139	1013	945.2	1010	1025	952.2	50- 55	471.4	3780
60.0	845.8	998.0	1021	882.8	798.7	876.5	896.5	813.0	55- 60	442.5	4223
65.0	696.9	868.4	898.0	744.3	652.8	744.6	767.4	673.4	60- 65	400.9	4624
70.0	552.1	734.6	761.5	601.3	506.3	612.2	637.0	535.1	65- 70	348.1	4972
75.0	406.9	602.4	632.5	462.2	357.2	476.4	505.6	394.4	70- 75	288.2	5260
80.0	262.2	480.9	508.1	328.0	221.6	373.1	395.8	269.2	75- 80	222.7	5483
85.0	149.9	359.6	417.1	202.3	111.7	277.4	296.4	167.5	80- 85	162.6	5645
90.0	72.79	259.3	306.3	132.3	47.26	213.1	247.5	103.7	85- 90	114.9	5760
95.0	43.26	202.6	220.0	93.42	28.74	165.6	189.3	78.42	90- 95	82.74	5843
100.0	25.60	154.8	177.5	60.45	16.89	133.8	162.5	53.67	95-100	61.07	5904
105.0	21.36	141.6	162.8	55.55	10.59	125.2	150.7	48.17	100-105	50.56	5955
110.0	19.43	131.5	151.2	51.61	9.631	114.2	138.1	43.57	105-110	45.49	6000
115.0	17.61	118.4	138.8	46.53	8.058	103.2	124.8	39.09	110-115	40.20	6040
120.0	13.26	106.4	126.2	42.48	8.179	90.58	109.4	34.07	115-120	34.58	6075
125.0	0	0	0	0	0	0	0	0	120-125	3.166	6078
130.0	0	0	0	0	0	0	0	0	125-130	0	6078
135.0	0	0	0	0	0	0	0	0	130-135	0	6078
140.0	0	0	0	0	0	0	0	0	135-140	0	6078
145.0	0	0	0	0	0	0	0	0	140-145	0	6078
150.0	0	0	0	0	0	0	0	0	145-150	0	6078
155.0	0	0	0	0	0	0	0	0	150-155	0	6078
160.0	0	0	0	0	0	0	0	0	155-160	0	6078
165.0	0	0	0	0	0	0	0	0	160-165	0	6078
170.0	0	0	0	0	0	0	0	0	165-170	0	6078
175.0	0	0	0	0	0	0	0	0	170-175	0	6078
180.0	0	0	0	0	0	0	0	0	175-180	0	6078
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

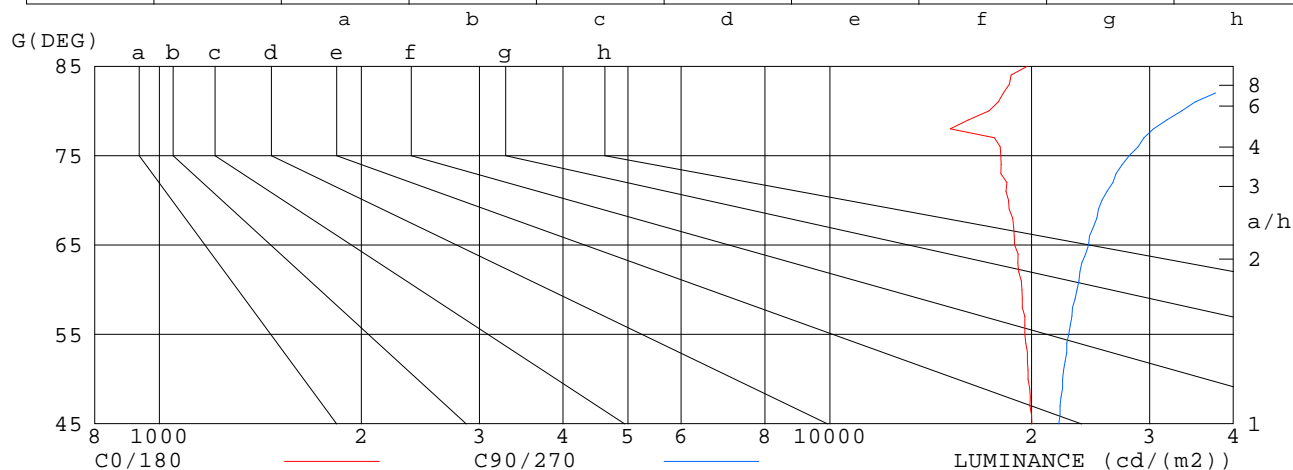
LUMINANCE LIMITATION CURVES

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	19691	54764
80	17282	33482
75	17992	27963
70	18473	25475
65	18868	24312
60	19356	23368
55	19543	22724
50	19752	22239
45	20017	21947

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 Test Date:2021年04月22日

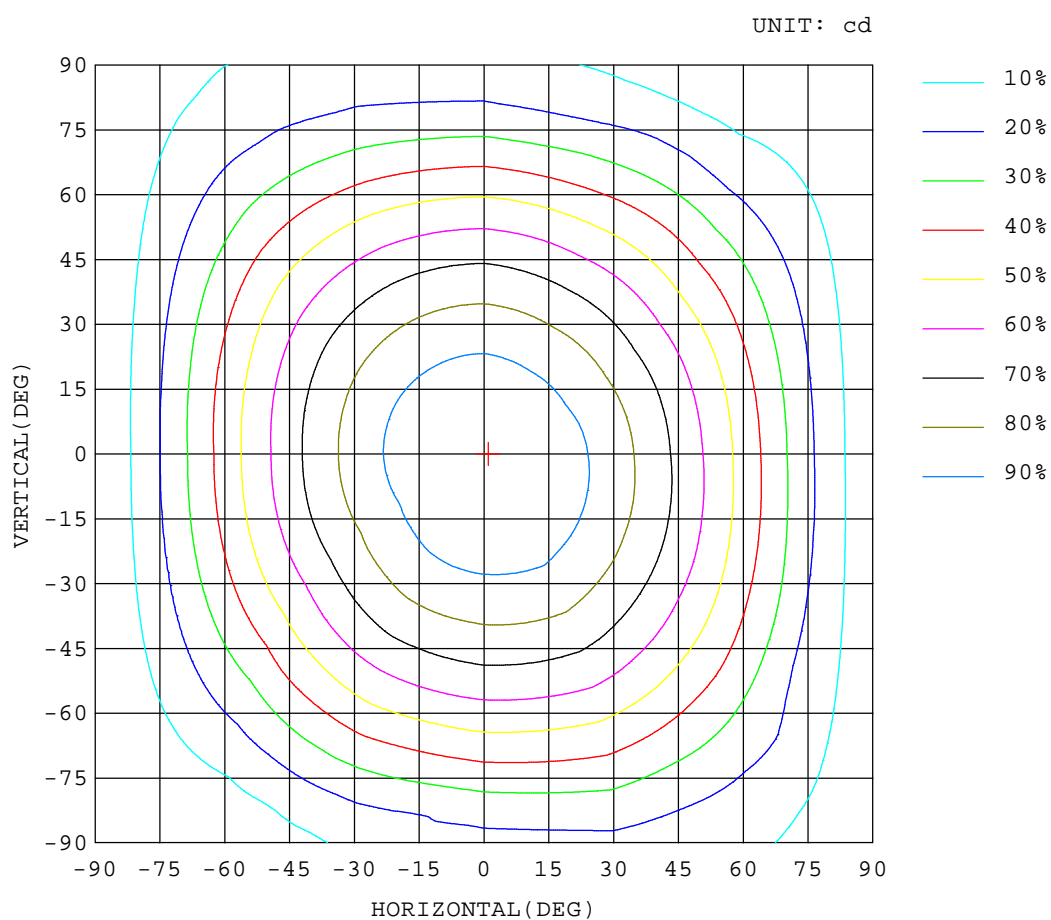
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HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

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

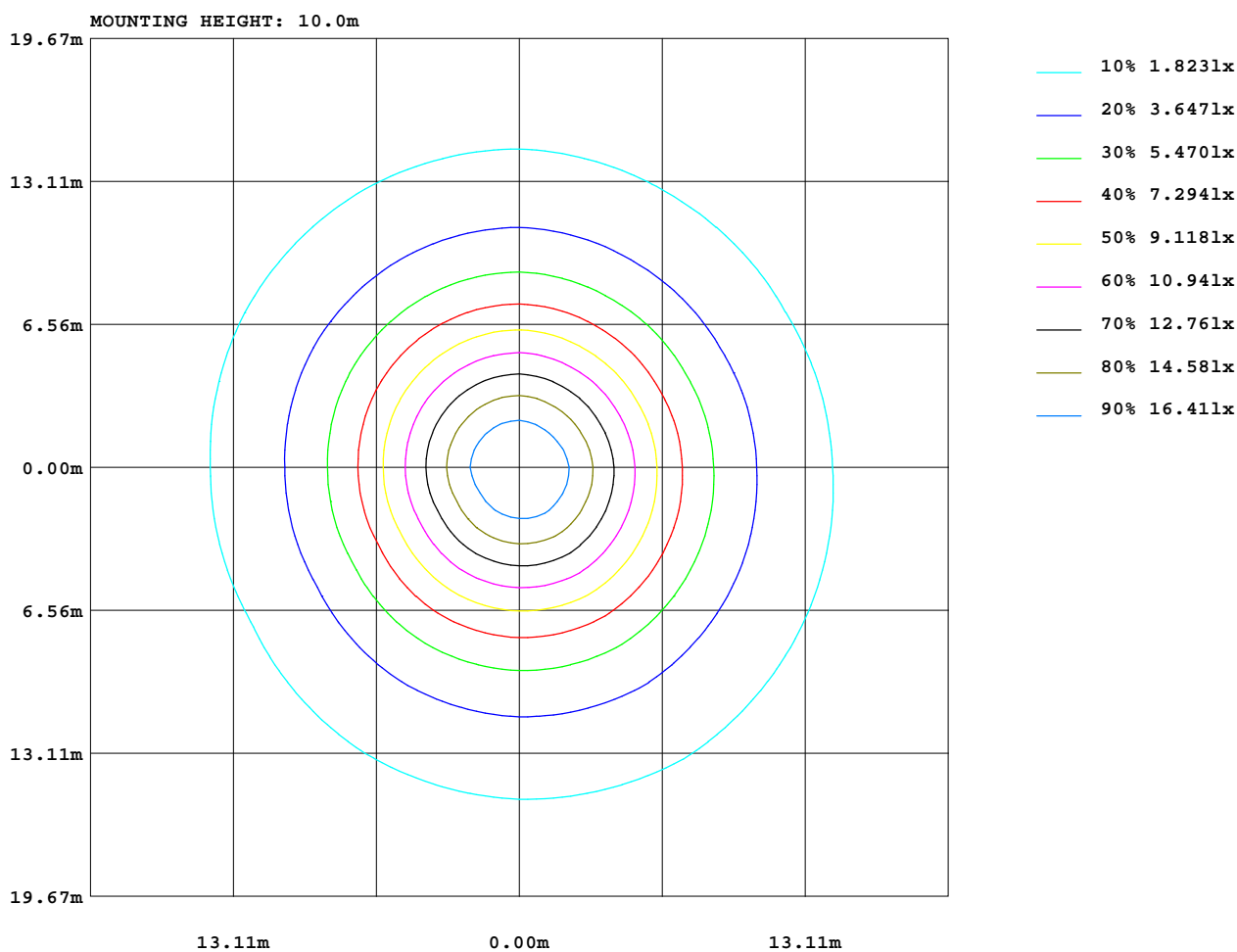
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks:

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
	0.22	1.02	2.37	3.97	5.54	7.14	8.37	9.05	9.39	8.95	7.79	6.40	4.81	3.18	1.76	0.98	0.59	0.19	81.7	71.2		
80	0.25	1.28	3.11	5.42	8.07	10.8	13.0	14.5	15.4	15.0	13.5	11.4	8.86	6.06	3.57	1.91	0.90	0.23	134	129		
70	0.28	1.57	4.03	7.60	11.5	15.6	19.1	21.7	23.1	22.7	20.7	17.5	13.8	9.78	5.82	3.08	1.30	0.28	200	198		
60	0.31	1.90	5.24	9.93	15.2	20.6	25.4	28.9	30.8	30.4	27.9	23.9	19.0	13.7	8.50	4.38	1.71	0.33	269	268		
50	0.34	2.25	6.35	12.0	18.7	25.3	31.1	35.4	37.7	37.4	34.6	29.8	23.9	17.2	10.9	5.79	2.09	0.37	332	331		
40	0.37	2.58	7.26	13.8	21.6	29.3	36.0	41.1	43.8	43.5	40.3	35.0	28.1	20.4	13.1	6.97	2.50	0.42	387	386		
30	0.39	2.85	7.95	15.2	23.8	32.4	40.0	45.6	48.6	48.4	44.9	39.1	31.5	23.1	14.9	7.91	2.84	0.46	431	430		
VERTICAL (DEG)	0.40	3.00	8.40	16.1	25.2	34.5	42.8	48.9	52.2	51.9	48.4	42.2	34.1	25.1	16.2	8.60	3.09	0.49	462	462		
	0.40	3.04	8.55	16.5	25.9	35.6	44.2	50.8	54.2	53.9	50.6	44.3	35.8	26.3	17.0	9.00	3.24	0.50	480	480		
	0.39	3.02	8.49	16.4	25.8	35.4	44.1	50.6	54.2	54.6	51.3	44.9	36.3	26.7	17.2	9.17	3.31	0.51	483	483		
	0.38	2.92	8.21	15.9	24.9	34.1	42.5	49.2	53.0	53.5	50.3	44.1	35.7	26.3	17.1	9.09	3.30	0.52	471	471		
	0.36	2.72	7.64	14.8	23.2	31.9	40.2	46.7	50.2	50.7	48.0	42.0	34.1	25.1	16.3	8.73	3.18	0.51	447	446		
	0.33	2.40	6.84	13.1	20.8	29.1	36.8	42.7	46.0	46.5	44.1	38.8	31.5	23.2	15.1	8.10	2.98	0.48	410	409		
	0.29	2.00	5.83	11.1	18.0	25.5	32.4	37.5	40.5	41.0	39.0	34.6	28.0	20.7	13.5	7.23	2.69	0.45	361	360		
	0.25	1.58	4.56	8.91	14.7	21.1	27.0	31.3	33.9	34.4	32.9	29.4	23.9	17.6	11.5	6.15	2.39	0.42	303	302		
	0.21	1.16	3.17	6.49	11.1	16.1	20.8	24.3	26.5	27.1	25.9	23.4	19.1	14.1	9.24	5.10	2.03	0.38	237	235		
	0.17	0.78	1.91	3.99	7.24	10.9	14.3	16.8	18.6	19.2	18.5	17.0	14.0	10.4	7.09	3.96	1.64	0.33	167	164		
-30	0.14	0.48	0.93	2.00	3.95	6.29	8.47	10.2	11.6	12.2	11.9	11.1	9.47	7.15	4.95	2.93	1.30	0.30	106	98.9		
-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	5.48	36.6	101	194	306	422	528	606	650	652	611	536	433	317	204	109	41.1	7.15	6078			
Φ a	1.03	31.3	97.2	191	304	422	528	606	650	652	611	535	431	314	202	107	37.2	2.95		5808		

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:

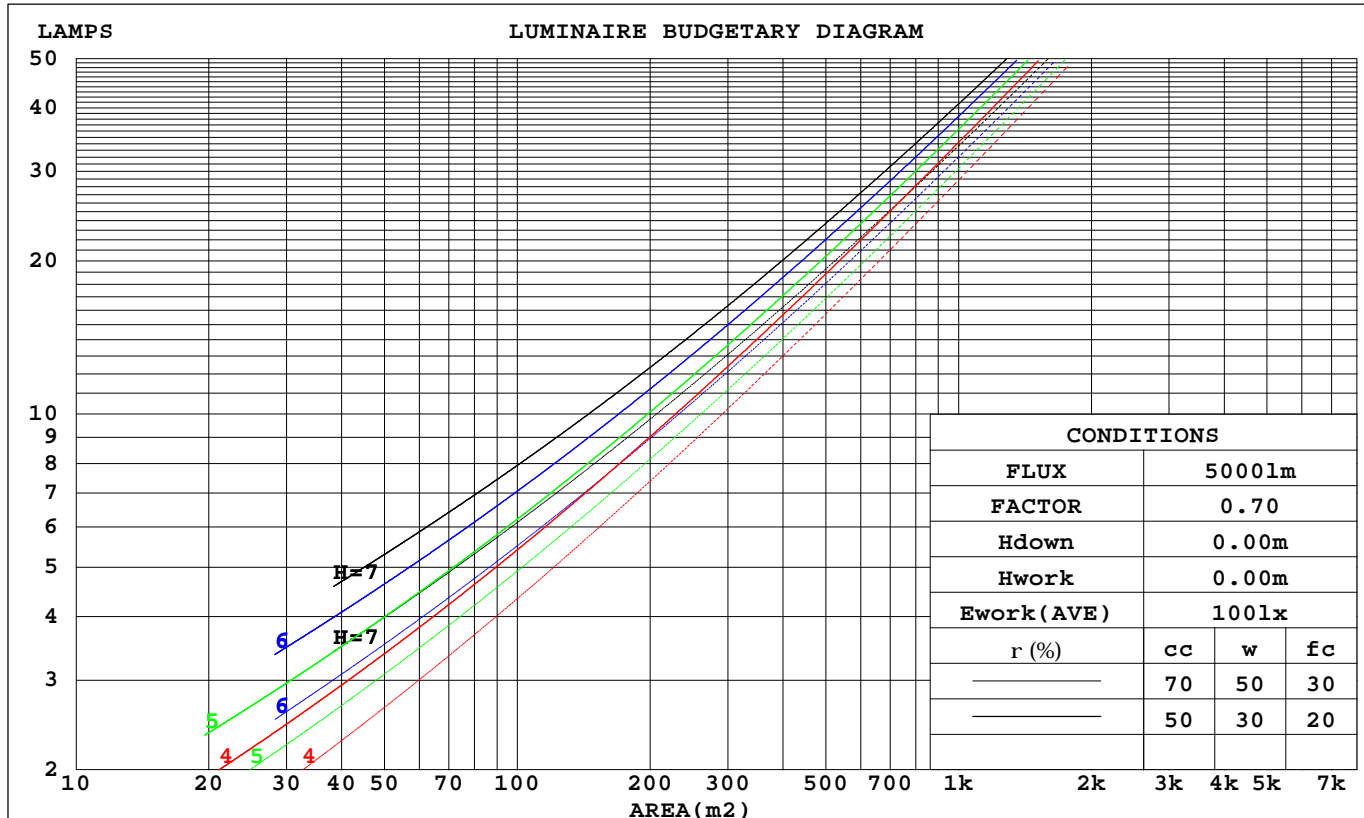
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

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
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 Operators:
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 Humidity:65.0%
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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															

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	.230	.230	.230	.197	.197	.197	.134	.134	.134	.077	.077	.077	.025	.025	.025	
1.0	.223	.196	.172	.191	.168	.148	.131	.116	.102	.075	.067	.059	.024	.022	.019	
2.0	.216	.172	.136	.185	.148	.117	.127	.103	.082	.073	.060	.048	.023	.019	.016	
3.0	.208	.155	.113	.178	.134	.098	.122	.093	.069	.071	.054	.040	.023	.018	.013	
4.0	.200	.142	.098	.172	.123	.085	.118	.086	.060	.068	.050	.035	.022	.016	.012	
5.0	.193	.132	.087	.165	.114	.076	.114	.080	.053	.066	.047	.032	.021	.015	.010	
6.0	.185	.124	.079	.159	.107	.069	.110	.075	.049	.064	.044	.029	.021	.014	.010	
7.0	.178	.117	.074	.153	.101	.064	.106	.071	.046	.062	.042	.027	.020	.014	.009	
8.0	.172	.111	.070	.148	.096	.061	.102	.068	.043	.059	.040	.026	.019	.013	.008	
9.0	.165	.106	.066	.142	.092	.058	.099	.065	.041	.057	.038	.024	.019	.013	.008	
10.0	.160	.102	.064	.138	.089	.056	.095	.062	.039	.056	.037	.024	.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	23.1	24.6	23.5	24.9	25.3	23.9	25.4	24.3	25.7	26.0
	3H	24.8	26.2	25.2	26.5	26.9	26.0	27.4	26.4	27.7	28.1
	4H	25.5	26.9	25.9	27.2	27.6	27.0	28.3	27.4	28.7	29.1
	6H	26.1	27.3	26.5	27.7	28.1	28.0	29.3	28.4	29.7	30.0
	8H	26.3	27.5	26.7	27.9	28.3	28.6	29.8	29.0	30.1	30.5
	12H	26.5	27.7	26.9	28.1	28.5	29.2	30.3	29.6	30.7	31.2
4H	2H	24.0	25.3	24.4	25.7	26.1	24.6	25.9	25.0	26.3	26.6
	3H	25.9	27.1	26.4	27.5	27.9	26.9	28.1	27.4	28.5	28.9
	4H	26.8	27.9	27.3	28.3	28.8	28.1	29.2	28.6	29.6	30.1
	6H	27.6	28.5	28.0	29.0	29.4	29.3	30.3	29.8	30.7	31.2
	8H	27.9	28.8	28.4	29.2	29.7	30.0	30.9	30.5	31.3	31.8
	12H	28.2	29.0	28.7	29.5	30.0	30.7	31.5	31.2	32.0	32.5
8H	4H	27.5	28.3	28.0	28.8	29.3	28.5	29.4	29.0	29.9	30.4
	6H	28.5	29.3	29.0	29.8	30.3	30.0	30.8	30.6	31.3	31.8
	8H	29.0	29.7	29.6	30.2	30.8	30.9	31.5	31.4	32.0	32.6
	12H	29.5	30.0	30.0	30.6	31.2	31.8	32.4	32.4	32.9	33.5
12H	4H	27.6	28.4	28.1	28.9	29.4	28.6	29.4	29.1	29.9	30.4
	6H	28.8	29.5	29.3	30.0	30.5	30.2	30.9	30.7	31.4	31.9
	8H	29.4	30.0	30.0	30.5	31.1	31.1	31.7	31.7	32.2	32.8
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 / - 0.5					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 6078 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.3)

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) $k(RI) \times RCR = 5$									
$k = 0.60$	54	42	35	53	41	34	52	41	34	28
0.80	63	51	43	62	51	43	60	50	43	36
1.00	72	60	52	70	59	51	68	60	51	43
1.25	79	67	59	77	66	59	74	65	58	50
1.50	84	73	65	82	72	64	78	70	63	55
2.00	91	81	74	89	80	73	84	77	71	62
2.50	95	86	79	92	84	78	88	81	76	66
3.00	98	90	84	96	89	83	91	85	80	70
4.00	103	96	91	100	94	89	95	90	86	75
5.00	105	100	95	103	97	93	97	93	89	78
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

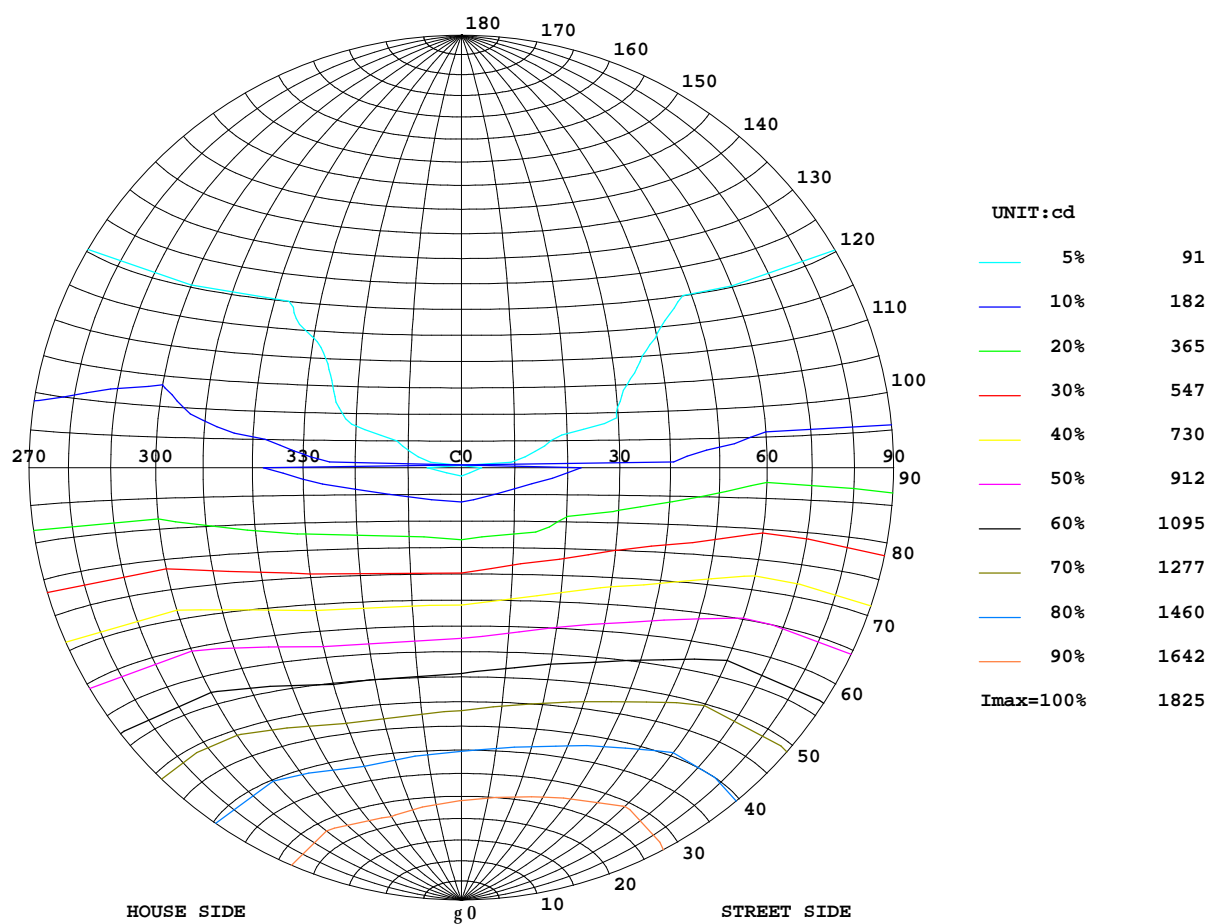
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks:

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:

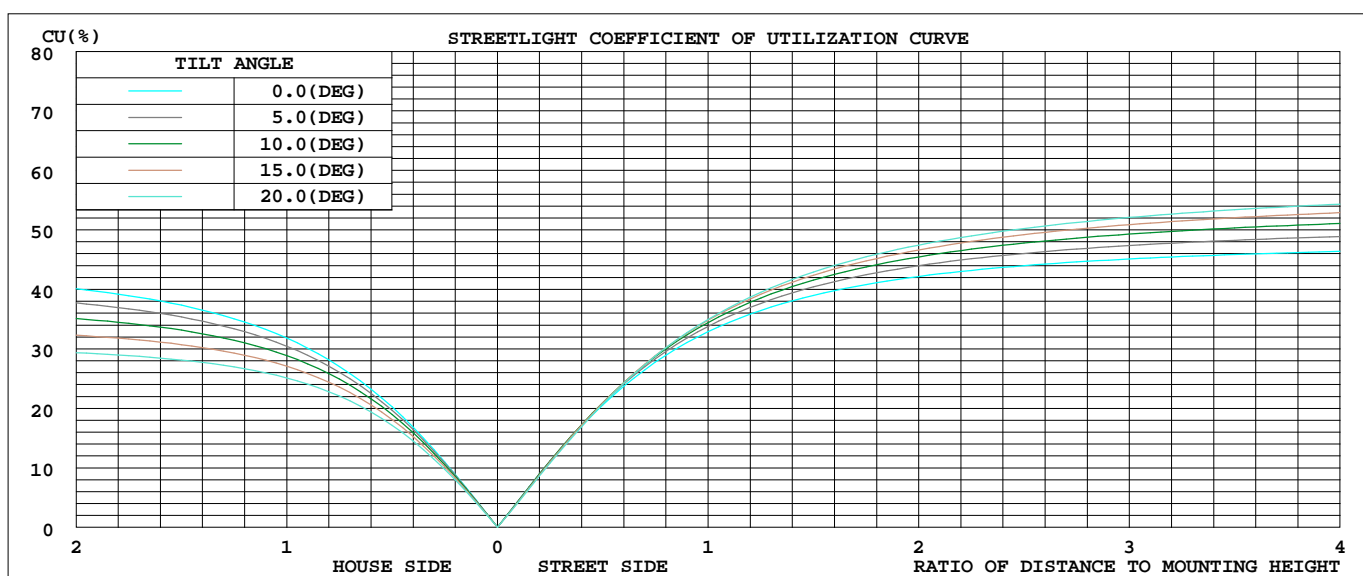
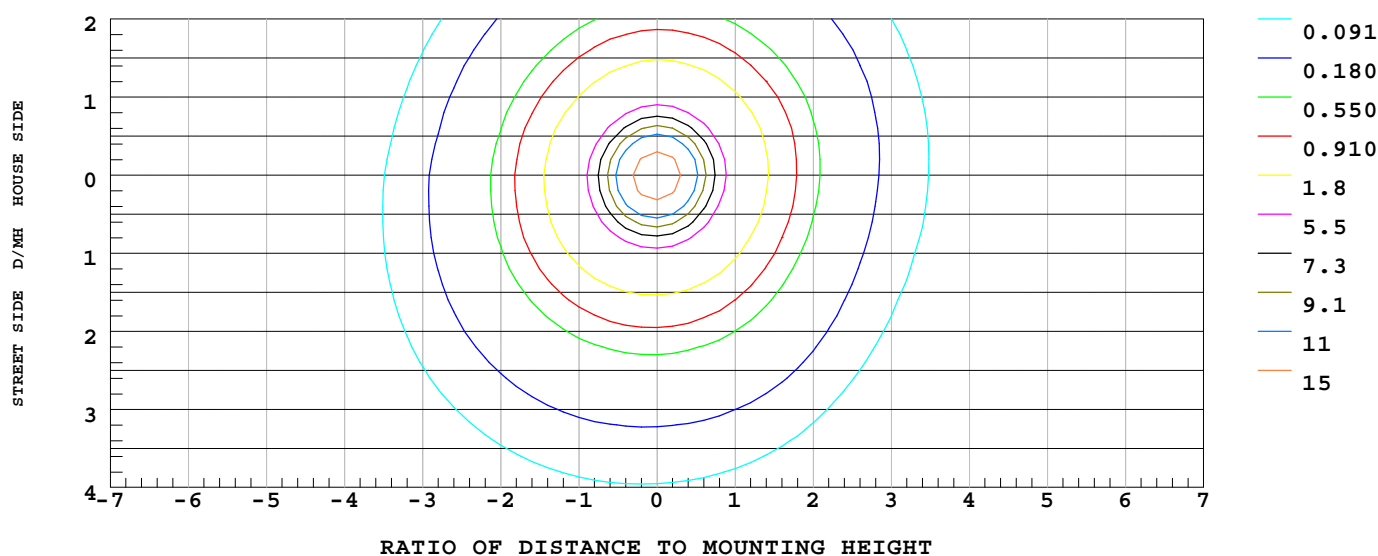
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

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 = 18.24 lx



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

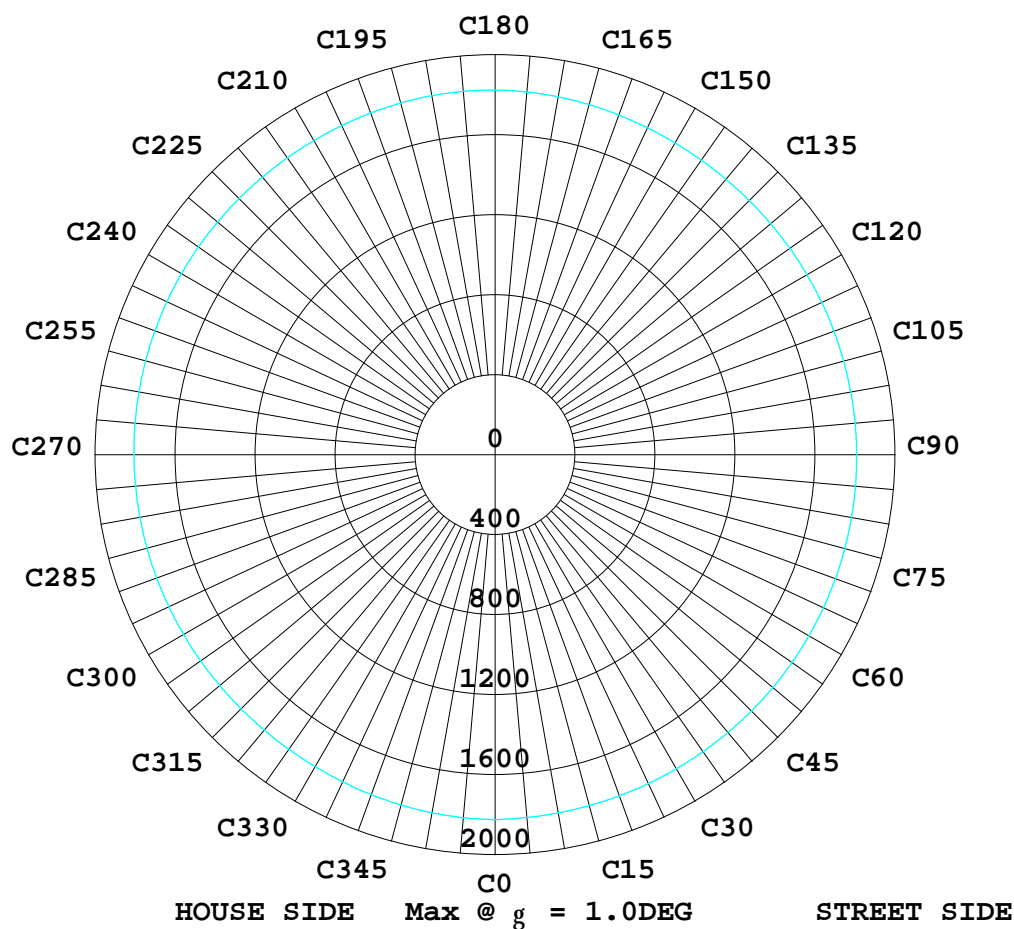
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks:

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(°) γ (°)	C(°)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1824	1812	1812	1807	1800	1803	1824	1812	1812	1807	1800	1803
5.0	1815	1810	1813	1804	1796	1795	1815	1804	1800	1795	1787	1794
10.0	1793	1791	1804	1795	1782	1770	1789	1780	1775	1773	1763	1768
15.0	1755	1761	1780	1769	1754	1731	1746	1739	1734	1732	1719	1726
20.0	1699	1716	1742	1730	1710	1673	1687	1686	1682	1681	1664	1669
25.0	1631	1657	1691	1677	1653	1605	1617	1618	1616	1618	1597	1598
30.0	1550	1586	1631	1616	1584	1525	1530	1538	1537	1541	1514	1513
35.0	1453	1501	1554	1538	1500	1427	1433	1449	1454	1454	1423	1418
40.0	1349	1409	1470	1452	1408	1323	1326	1350	1358	1360	1322	1311
45.0	1237	1307	1376	1356	1306	1209	1203	1234	1250	1254	1208	1192
50.0	1110	1191	1270	1249	1190	1081	1078	1122	1136	1143	1089	1071
55.0	980	1074	1161	1139	1075	951	945	999	1020	1025	967	937
60.0	846	950	1046	1021	950	815	799	863	890	897	832	794
65.0	697	820	917	898	816	672	653	728	761	767	696	651
70.0	552	680	789	762	682	520	506	593	631	637	564	506
75.0	407	546	659	633	546	379	357	453	500	506	437	352
80.0	262	429	533	508	414	242	222	333	413	396	312	226
85.0	150	303	416	417	286	119	112	247	308	296	222	114
90.0	72.7	218	300	306	218	47.0	47.2	181	246	248	160	47.7
95.0	43.2	162	244	220	163	23.9	28.7	144	188	189	128	28.5
100.0	25.6	112	197	178	109	12.2	16.8	104	164	163	91.7	15.5
105.0	21.3	105	178	163	102	9.26	10.5	98.3	152	151	86.1	10.2
110.0	19.4	99.5	164	151	95.4	7.81	9.63	89.7	139	138	78.9	8.17
115.0	17.6	87.1	150	139	88.1	4.91	8.05	80.7	126	125	70.7	7.45
120.0	13.2	78.7	134	126	78.8	6.12	8.17	69.0	112	109	63.5	4.54
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
 Operators:
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Test Set: 10.0deg/s C-Gamma (TYPE C)
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