

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

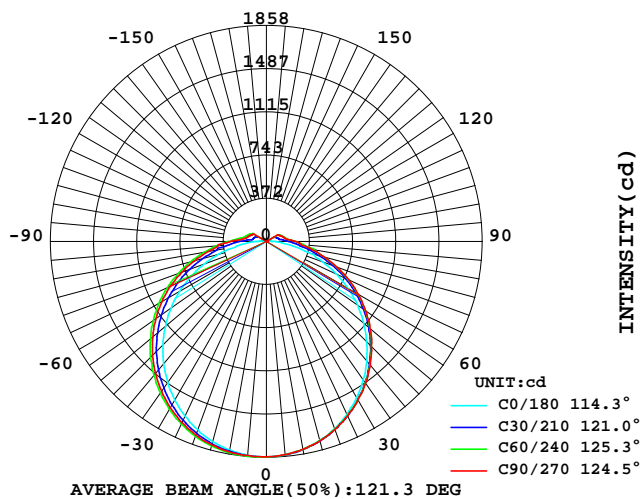
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

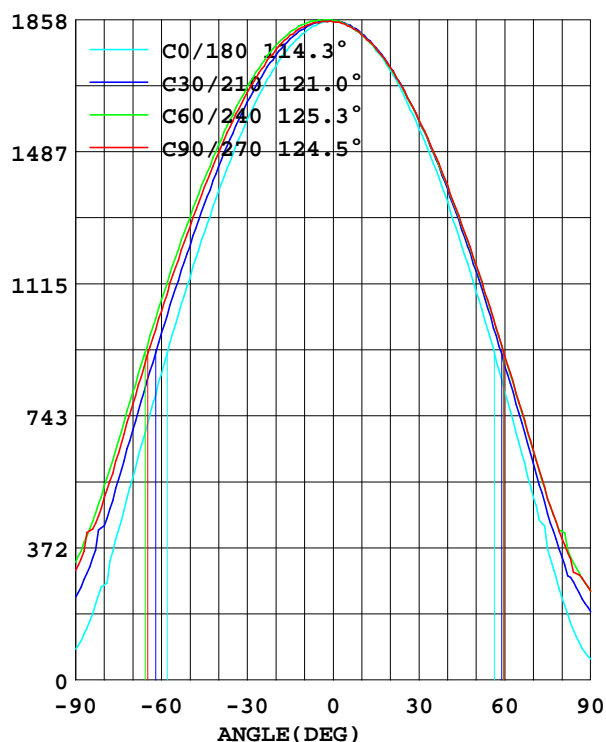
MANUFACTURER:		
Address:		
NAME: RE-T014D3-50WCFF-TC-TL	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1210*85mm	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1858	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.33
NOMINAL POWER(W)	48	TOTAL FLUX(lm)	6212.1	Voltage(V)	217.8
RATED VOLTAGE(V)	218	EFFICIENCY(lm/W)	126.9	Current(A)	0.235
NOMINAL FLUX(lm)	6212.2	h up(%)	5.2	Power(W)	48.95
LAMPS QUANTITY	1	h down(%)	94.8	Power Factor(PF)	0.955
TEST VOLTAGE(V)	217.9	Effective Flux(lm)	5934.8	EEI	0.112

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

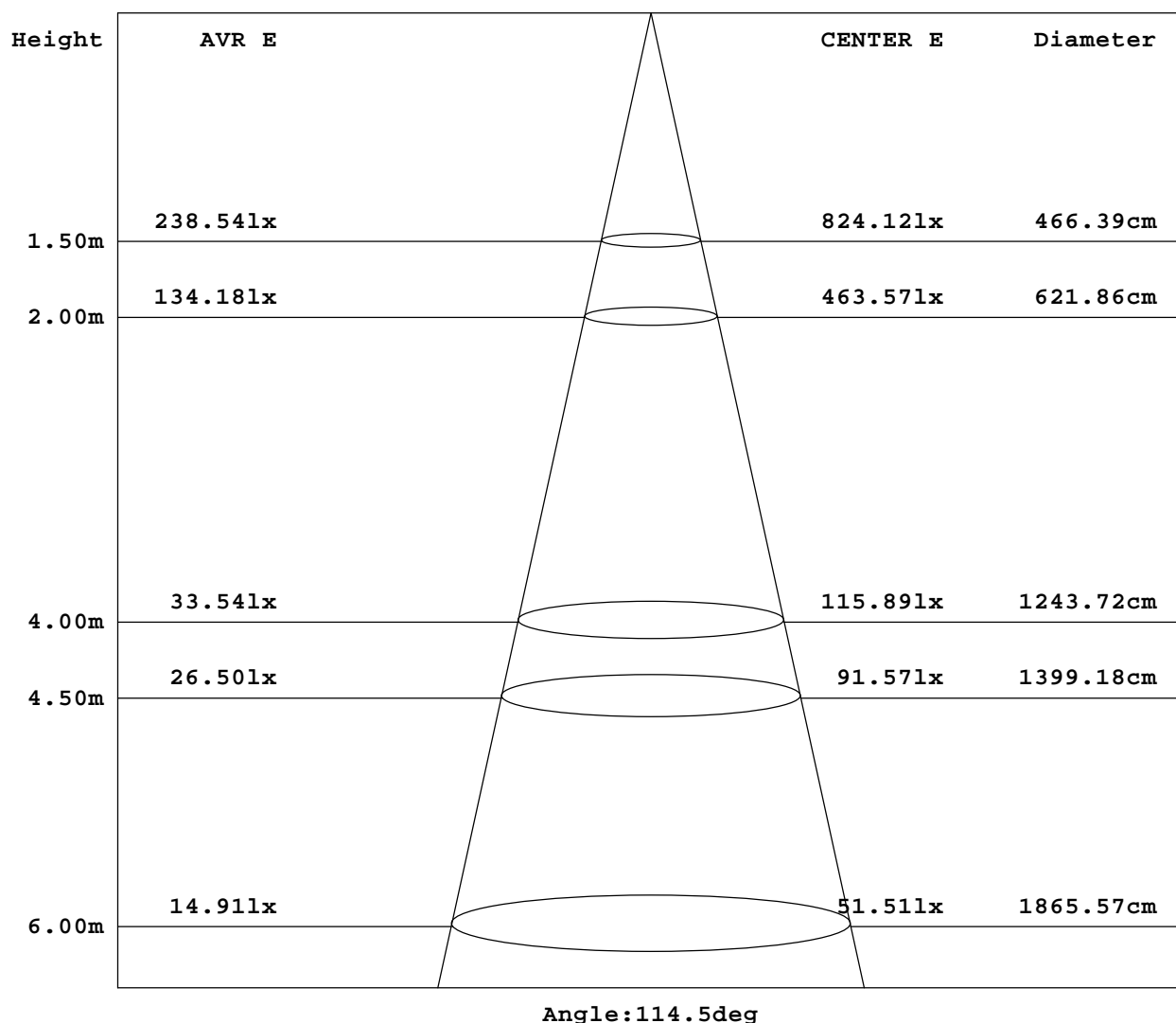
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks:

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	1847	1855	1849	1847	1845	1844	1841	1843	0- 5	44.24	44.24
10.0	1822	1840	1839	1827	1815	1819	1816	1815	5- 10	131.3	175.5
15.0	1785	1814	1815	1791	1770	1777	1777	1771	10- 15	214.3	389.8
20.0	1725	1771	1773	1736	1715	1722	1724	1712	15- 20	290.4	680.3
25.0	1659	1715	1720	1673	1642	1656	1658	1642	20- 25	357.2	1038
30.0	1578	1648	1654	1594	1552	1575	1576	1552	25- 30	412.8	1450
35.0	1480	1564	1573	1499	1454	1484	1488	1456	30- 35	455.4	1906
40.0	1375	1475	1482	1397	1346	1386	1392	1349	35- 40	484.1	2390
45.0	1258	1375	1387	1287	1221	1272	1280	1229	40- 45	498.1	2888
50.0	1129	1260	1274	1160	1093	1157	1167	1105	45- 50	497.3	3386
55.0	1001	1146	1161	1033	959.7	1032	1045	973.3	50- 55	481.6	3867
60.0	862.0	1024	1038	899.0	811.8	895.5	912.6	829.7	55- 60	451.9	4319
65.0	715.4	889.3	913.3	755.2	666.4	763.8	781.0	685.2	60- 65	409.3	4729
70.0	567.5	755.0	775.1	607.4	514.2	626.6	644.6	541.7	65- 70	355.0	5084
75.0	422.9	619.8	638.3	465.1	368.5	488.9	509.3	398.7	70- 75	293.3	5377
80.0	267.4	490.0	513.2	324.7	231.9	383.0	398.6	268.5	75- 80	227.0	5604
85.0	166.3	372.3	419.8	196.2	122.2	287.6	299.6	163.3	80- 85	166.2	5770
90.0	86.58	282.5	308.5	125.4	58.99	221.0	249.6	97.90	85- 90	117.7	5888
95.0	53.91	209.2	220.8	87.01	37.34	171.2	189.6	72.97	90- 95	84.20	5972
100.0	32.37	162.8	177.3	55.49	23.42	141.1	162.4	49.01	95-100	62.20	6034
105.0	27.78	148.2	163.0	51.43	16.40	131.3	151.4	44.54	100-105	51.66	6086
110.0	25.72	137.9	152.0	47.26	14.83	119.8	138.7	40.00	105-110	46.45	6132
115.0	23.18	125.3	138.8	43.26	12.53	108.4	125.0	35.88	110-115	41.04	6174
120.0	18.10	111.4	127.1	39.88	12.29	95.36	110.3	31.23	115-120	35.42	6209
125.0	0	0	0	0	0	0	0	0	120-125	3.242	6212
130.0	0	0	0	0	0	0	0	0	125-130	0	6212
135.0	0	0	0	0	0	0	0	0	130-135	0	6212
140.0	0	0	0	0	0	0	0	0	135-140	0	6212
145.0	0	0	0	0	0	0	0	0	140-145	0	6212
150.0	0	0	0	0	0	0	0	0	145-150	0	6212
155.0	0	0	0	0	0	0	0	0	150-155	0	6212
160.0	0	0	0	0	0	0	0	0	155-160	0	6212
165.0	0	0	0	0	0	0	0	0	160-165	0	6212
170.0	0	0	0	0	0	0	0	0	165-170	0	6212
175.0	0	0	0	0	0	0	0	0	170-175	0	6212
180.0	0	0	0	0	0	0	0	0	175-180	0	6212
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

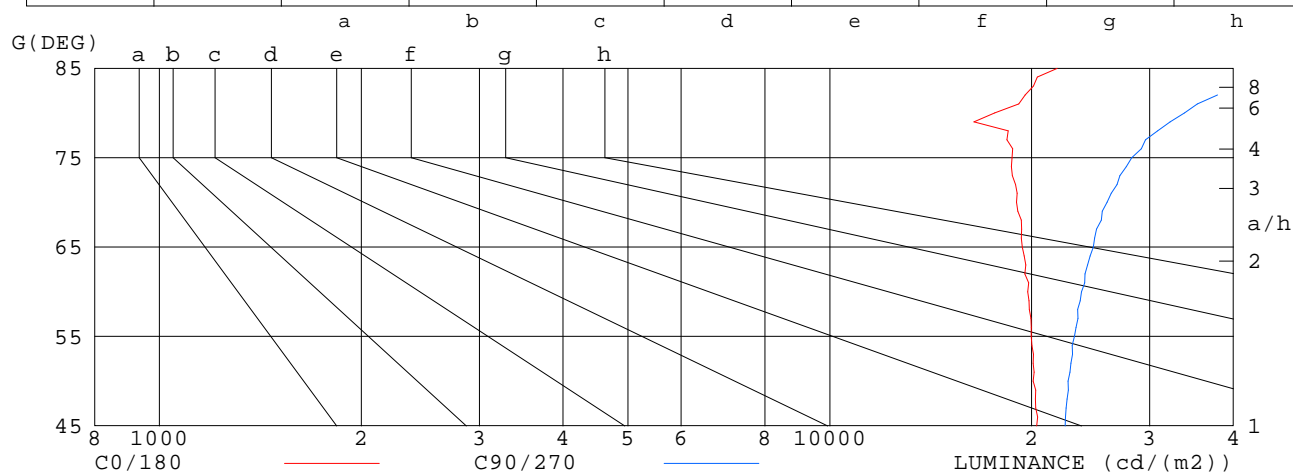
LUMINANCE LIMITATION CURVES

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	21835	55113
80	17624	33817
75	18698	28220
70	18987	25933
65	19369	24728
60	19727	23745
55	19972	23168
50	20105	22674
45	20361	22448

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

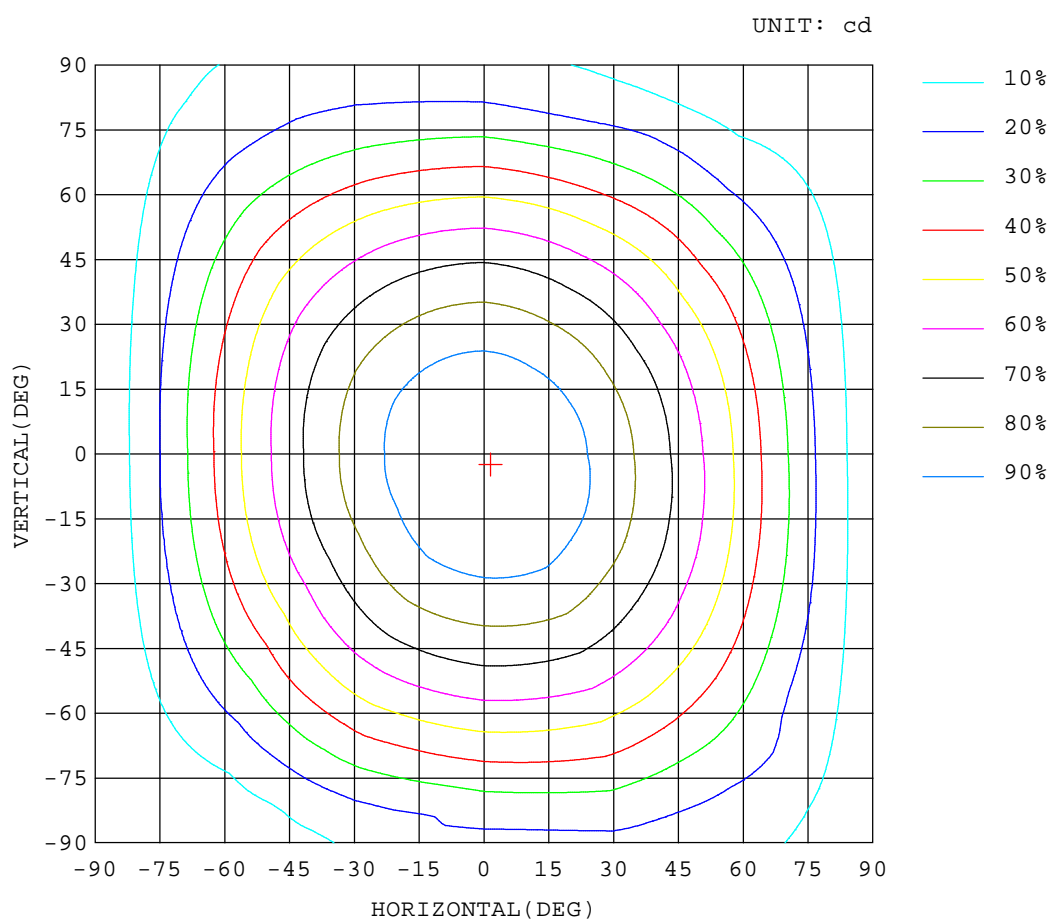
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HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

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

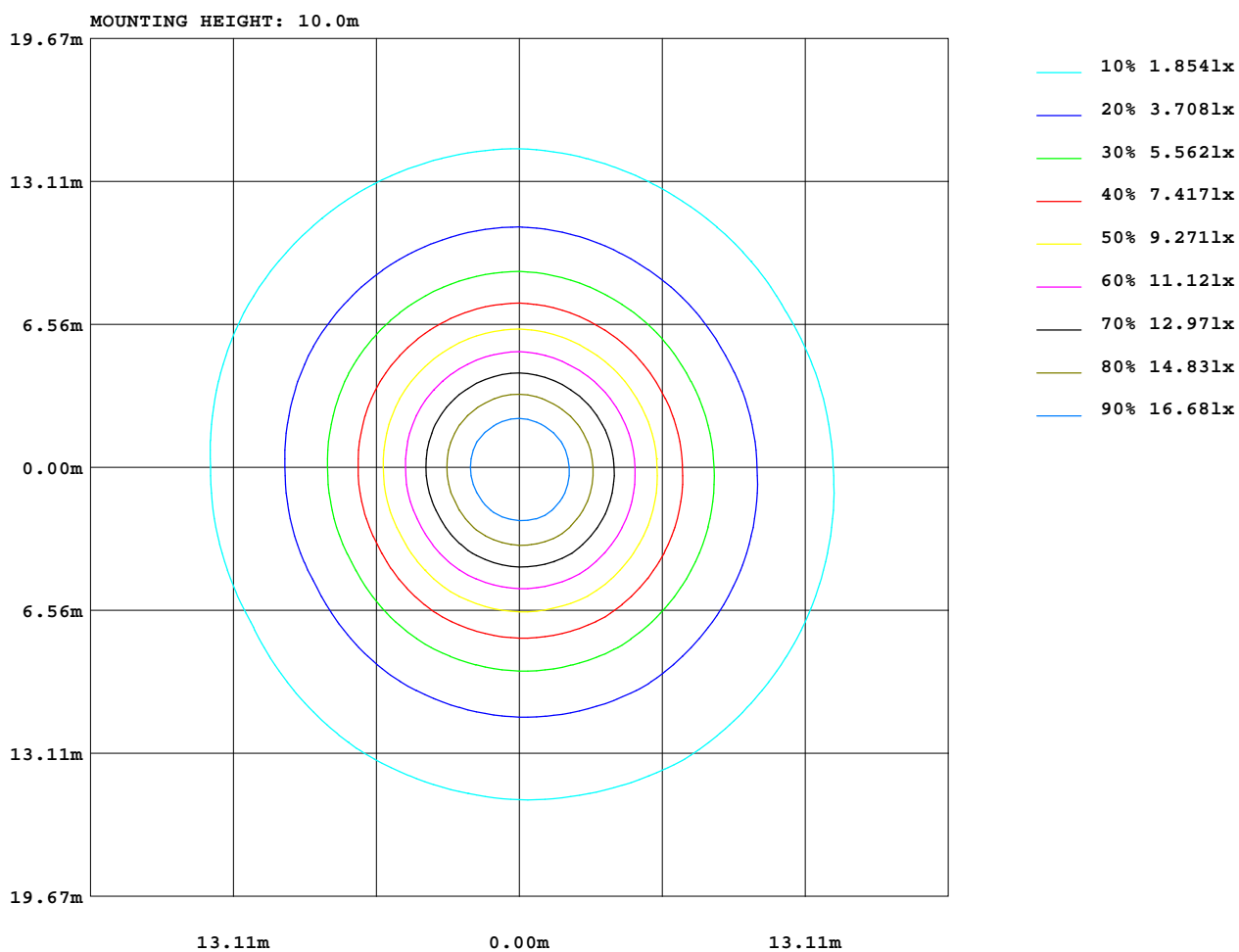
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks:

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.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.25	1.11	2.53	4.17	5.75	7.34	8.59	9.24	9.51	9.00	7.77	6.33	4.71	3.07	1.66	0.94	0.61	0.22	82.8	72.0		
90																						
80	0.28	1.37	3.27	5.70	8.38	11.1	13.3	14.8	15.6	15.2	13.6	11.5	8.90	6.05	3.53	1.90	0.94	0.26	136	131		
70	0.31	1.67	4.24	7.85	11.8	15.9	19.5	22.1	23.5	23.1	21.0	17.8	14.0	9.89	5.86	3.12	1.35	0.31	204	202		
60	0.34	2.00	5.40	10.2	15.6	21.1	26.0	29.5	31.4	31.1	28.5	24.4	19.4	13.9	8.61	4.48	1.78	0.36	275	274		
50	0.37	2.35	6.50	12.4	19.1	25.9	31.8	36.2	38.6	38.3	35.4	30.5	24.4	17.6	11.1	5.91	2.19	0.41	340	339		
40	0.40	2.67	7.42	14.2	22.1	30.0	36.9	42.0	44.8	44.5	41.3	35.8	28.8	20.9	13.4	7.12	2.61	0.46	396	395		
30	0.42	2.92	8.12	15.6	24.3	33.2	40.9	46.7	49.8	49.6	46.1	40.2	32.2	23.6	15.3	8.10	2.96	0.50	441	441		
	0.43	3.05	8.56	16.4	25.7	35.3	43.8	50.1	53.4	53.3	49.7	43.3	34.9	25.7	16.6	8.81	3.22	0.53	473	473		
	0.43	3.09	8.70	16.8	26.3	36.2	45.0	51.8	55.4	55.3	51.8	45.2	36.5	26.8	17.3	9.23	3.38	0.54	491	490		
	0.42	3.06	8.63	16.7	26.2	36.1	45.0	51.8	55.6	55.9	52.4	45.8	37.0	27.2	17.6	9.41	3.46	0.55	493	493		
	0.41	2.96	8.34	16.1	25.3	34.9	43.6	50.5	54.4	54.8	51.5	45.1	36.5	26.9	17.5	9.34	3.45	0.56	483	482		
-30	0.38	2.76	7.74	15.0	23.6	32.6	41.2	47.9	51.5	51.9	49.1	43.0	34.9	25.8	16.8	8.99	3.33	0.55	458	457		
-40	0.35	2.44	6.90	13.3	21.1	29.7	37.7	43.8	47.1	47.5	45.2	39.8	32.3	23.9	15.5	8.35	3.12	0.53	419	419		
-50	0.31	2.04	5.85	11.2	18.3	26.0	33.1	38.3	41.4	41.9	39.9	35.5	28.8	21.3	13.9	7.48	2.83	0.50	369	368		
-60	0.27	1.61	4.58	8.94	14.9	21.5	27.5	31.9	34.6	35.1	33.6	30.1	24.5	18.1	11.8	6.40	2.52	0.46	309	308		
-70	0.23	1.18	3.15	6.46	11.2	16.3	21.1	24.7	27.0	27.6	26.4	23.9	19.6	14.5	9.56	5.29	2.17	0.42	241	239		
-80	0.19	0.79	1.85	3.89	7.18	10.9	14.4	17.0	18.8	19.5	18.9	17.4	14.4	10.8	7.40	4.21	1.76	0.37	170	166		
-90	0.16	0.48	0.86	1.86	3.82	6.18	8.42	10.2	11.7	12.4	12.1	11.4	9.78	7.44	5.20	3.12	1.41	0.33	107	100		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90		
Φ t	5.93	37.6	103	197	312	431	539	619	665	667	625	548	442	324	209	112	43.1	7.83	6212			
Φ a	1.23	32.4	99.3	195	310	431	539	619	665	667	625	547	440	321	207	110	39.6	3.63		5935		

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:

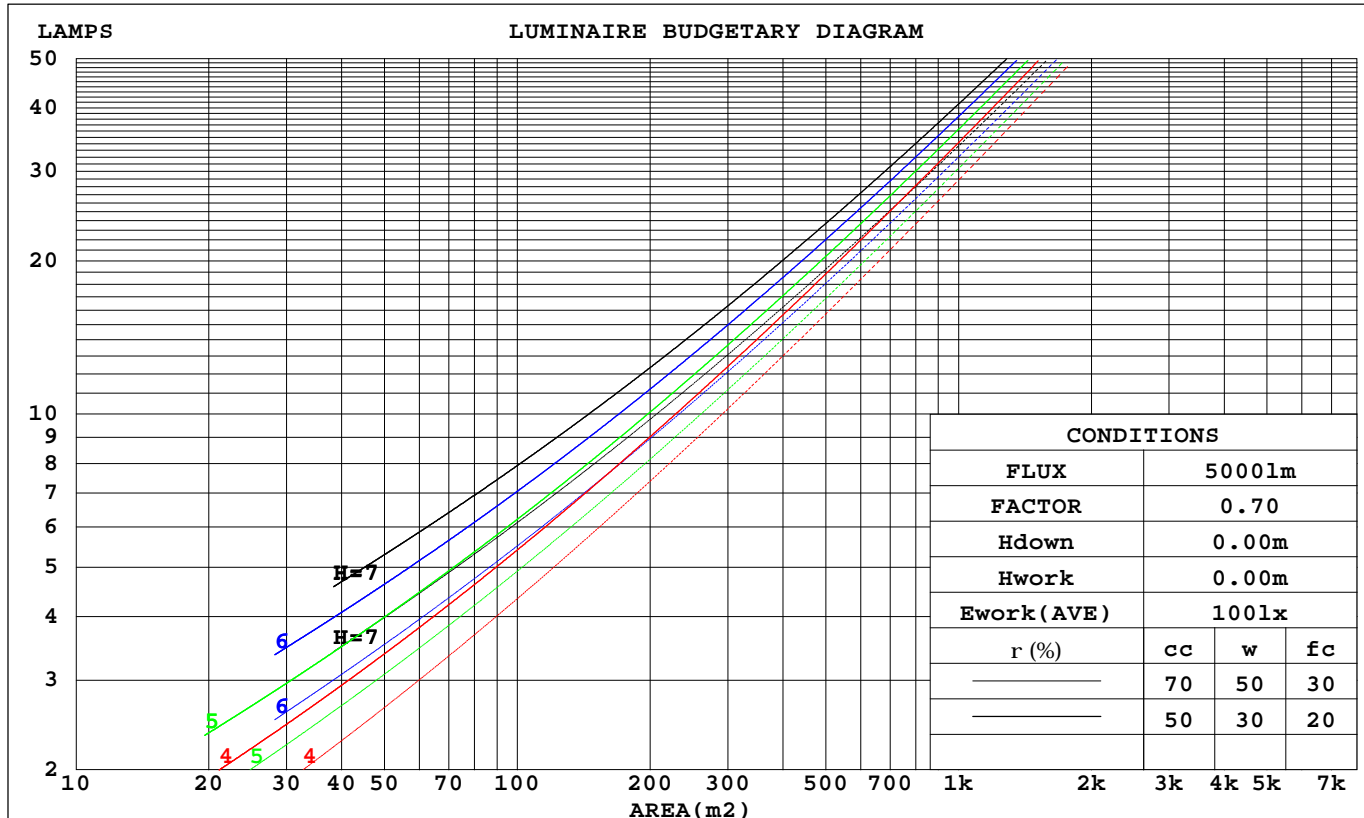
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

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
r w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
r fc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



Test System:HOPOO HPG1800
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 Operators:
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Test Set: 10.0deg/s C-Gamma (TYPE C)
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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	.347	.197	.063	.338	.193	.061	.322	.185	.059	.307	.177	.057	.293	.170	.055															
2.0	.313	.172	.053	.305	.168	.052	.291	.162	.050	.277	.156	.049	.265	.150	.047															
3.0	.284	.151	.045	.277	.148	.045	.264	.143	.043	.252	.138	.042	.241	.133	.041															
4.0	.259	.135	.040	.253	.132	.039	.241	.128	.038	.230	.124	.037	.220	.120	.036															
5.0	.237	.121	.035	.232	.119	.035	.221	.115	.034	.212	.112	.033	.203	.108	.033															
6.0	.219	.110	.031	.214	.108	.031	.205	.105	.030	.196	.102	.030	.187	.099	.029															
7.0	.203	.100	.028	.198	.099	.028	.190	.096	.028	.182	.093	.027	.174	.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	.166	.079	.022	.162	.078	.022	.156	.076	.021	.150	.074	.021	.144	.072	.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	.230	.230	.230	.197	.197	.197	.134	.134	.134	.077	.077	.077	.025	.025	.025	
1.0	.223	.196	.172	.191	.168	.148	.130	.116	.102	.075	.067	.059	.024	.022	.019	
2.0	.215	.172	.136	.185	.148	.117	.126	.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	.085	.060	.068	.050	.035	.022	.016	.012	
5.0	.192	.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	.061	.042	.027	.020	.014	.009	
8.0	.171	.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	.159	.102	.064	.137	.088	.055	.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	23.2	24.7	23.6	25.0	25.4	24.0	25.5	24.3	25.8	26.1
	3H	24.9	26.3	25.3	26.7	27.0	26.1	27.4	26.4	27.8	28.1
	4H	25.7	27.0	26.1	27.3	27.7	27.1	28.4	27.5	28.7	29.1
	6H	26.2	27.5	26.7	27.9	28.2	28.1	29.3	28.5	29.7	30.1
	8H	26.5	27.7	26.9	28.1	28.5	28.6	29.8	29.0	30.2	30.6
	12H	26.7	27.9	27.2	28.3	28.7	29.2	30.4	29.6	30.8	31.2
4H	2H	24.1	25.5	24.5	25.8	26.2	24.7	26.0	25.1	26.4	26.7
	3H	26.1	27.2	26.5	27.6	28.0	27.0	28.2	27.4	28.6	29.0
	4H	27.0	28.0	27.4	28.5	28.9	28.2	29.3	28.7	29.7	30.1
	6H	27.7	28.7	28.2	29.1	29.6	29.4	30.4	29.9	30.8	31.3
	8H	28.1	29.0	28.6	29.4	29.9	30.0	30.9	30.5	31.4	31.9
	12H	28.4	29.2	28.9	29.7	30.2	30.8	31.6	31.3	32.1	32.6
8H	4H	27.6	28.5	28.1	28.9	29.4	28.6	29.5	29.1	30.0	30.5
	6H	28.7	29.4	29.2	29.9	30.4	30.1	30.9	30.6	31.4	31.9
	8H	29.2	29.9	29.8	30.4	31.0	30.9	31.6	31.5	32.1	32.7
	12H	29.7	30.3	30.3	30.8	31.4	31.9	32.5	32.4	33.0	33.6
12H	4H	27.7	28.5	28.2	29.0	29.5	28.7	29.5	29.2	30.0	30.5
	6H	28.9	29.6	29.5	30.1	30.7	30.3	30.9	30.8	31.4	32.0
	8H	29.6	30.2	30.2	30.7	31.3	31.2	31.8	31.7	32.3	32.9
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1					
1.5H	+ 0.2 / - 0.4					+ 0.2 / - 0.3					
2.0H	+ 0.3 / - 0.5					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 6212 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	52	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	91	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

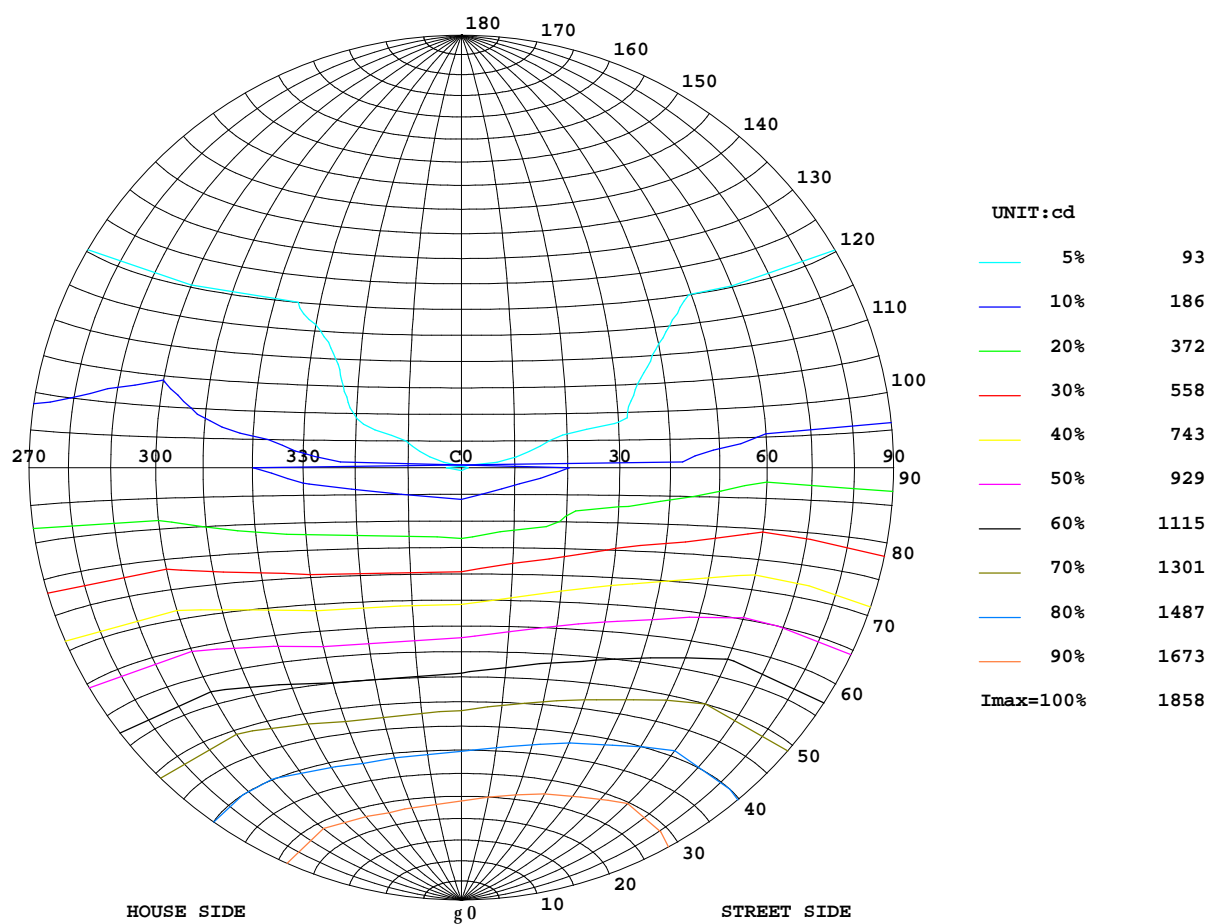
Test Set: 10.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks:

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:

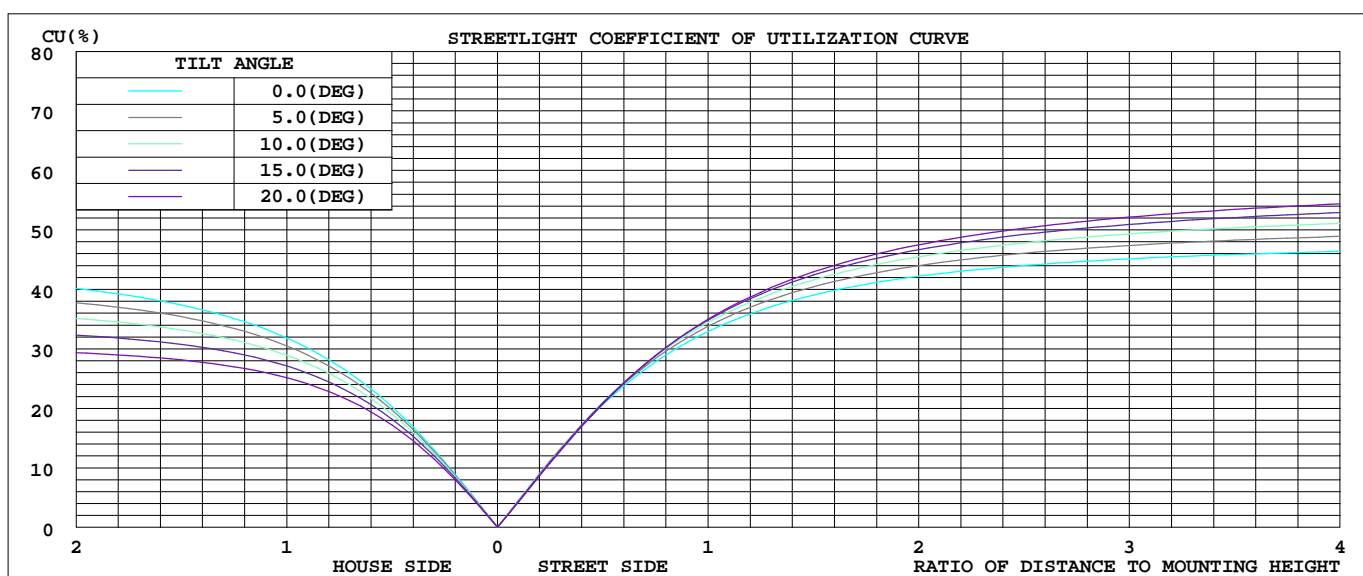
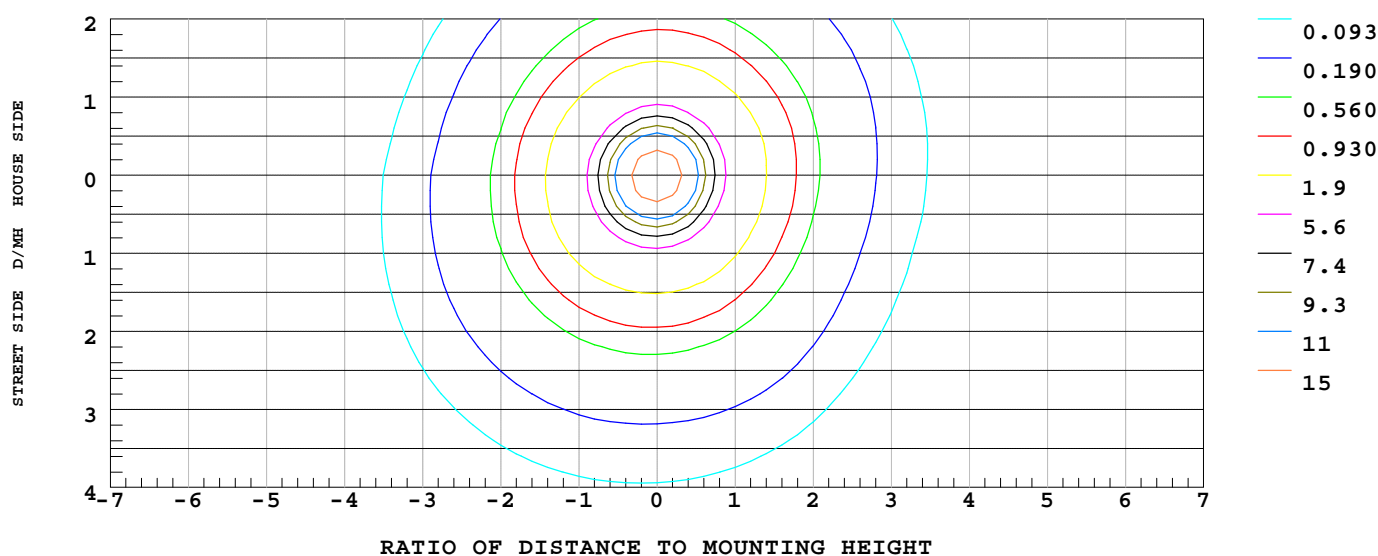
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

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 = 18.54 lx



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

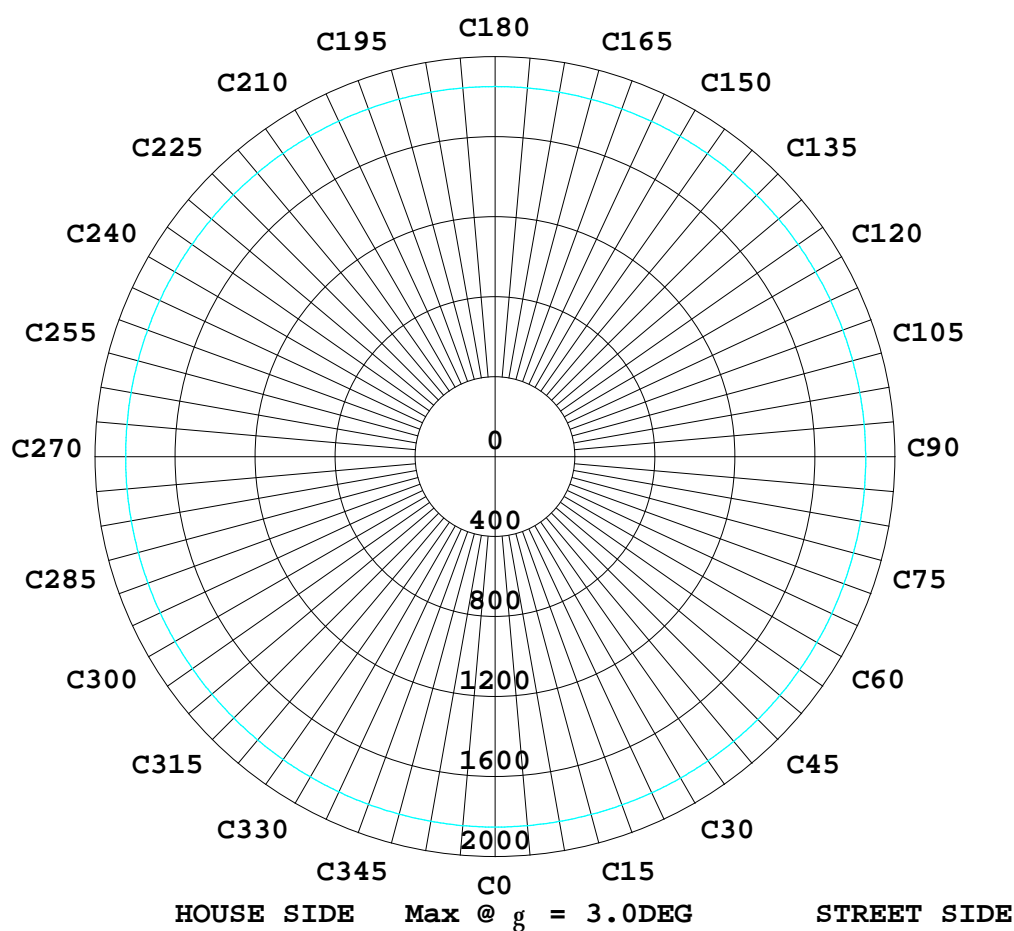
Test Set: 10.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks:

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	1854	1856	1856	1853	1853	1854	1854	1856	1856	1853	1853	1854
5.0	1847	1852	1858	1849	1849	1845	1845	1844	1844	1841	1841	1844
10.0	1822	1833	1846	1839	1834	1821	1815	1819	1818	1816	1813	1816
15.0	1785	1805	1824	1815	1802	1779	1770	1780	1775	1777	1769	1773
20.0	1725	1757	1785	1773	1755	1718	1715	1722	1722	1724	1711	1713
25.0	1659	1698	1733	1720	1698	1647	1642	1658	1655	1658	1641	1643
30.0	1578	1627	1670	1654	1626	1561	1552	1575	1575	1576	1552	1553
35.0	1480	1539	1590	1573	1538	1461	1454	1484	1485	1488	1459	1452
40.0	1375	1444	1506	1482	1440	1354	1346	1382	1390	1392	1353	1345
45.0	1258	1340	1409	1387	1338	1236	1221	1266	1279	1280	1235	1222
50.0	1129	1220	1301	1274	1219	1101	1093	1150	1164	1167	1116	1093
55.0	1001	1103	1190	1161	1098	968	960	1024	1040	1045	989	957
60.0	862	977	1071	1038	970	828	812	883	908	913	849	811
65.0	715	843	936	913	829	681	666	750	777	781	709	662
70.0	568	702	808	775	691	524	514	609	645	645	571	513
75.0	423	565	675	638	553	378	369	468	510	509	441	356
80.0	267	434	546	513	413	236	232	348	419	399	311	226
85.0	166	319	426	420	282	111	122	260	316	300	218	108
90.0	86.5	233	332	309	213	37.8	58.9	192	250	250	155	41.0
95.0	53.9	166	253	221	158	15.8	37.3	148	194	190	124	21.8
100.0	32.3	121	205	177	104	6.48	23.4	112	170	162	88.0	9.99
105.0	27.7	113	183	163	98.4	4.42	16.4	106	157	151	82.8	6.24
110.0	25.7	107	169	152	91.7	2.73	14.8	96.3	143	139	75.4	4.54
115.0	23.1	96.0	155	139	84.8	1.64	12.5	87.4	129	125	67.3	4.42
120.0	18.1	84.2	139	127	75.9	3.82	12.2	75.5	115	110	60.6	1.76
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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