

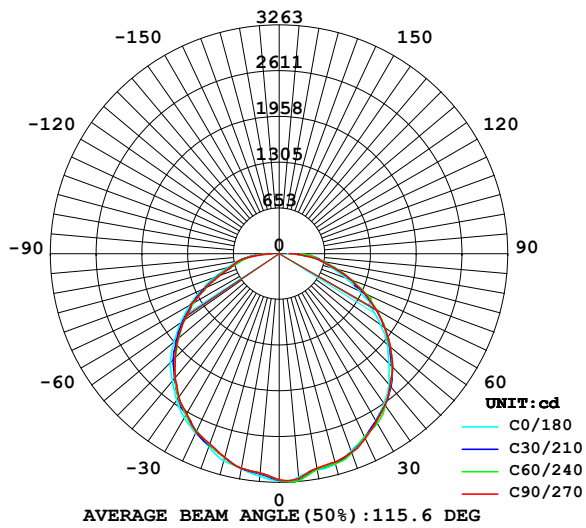
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

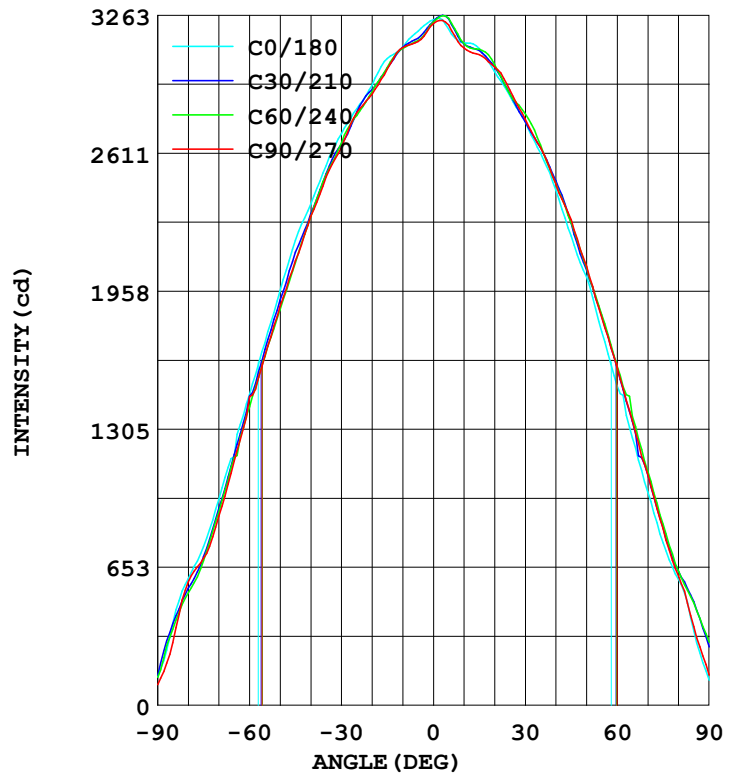
MANUFACTURER:		Address:	
NAME:		TYPE:	WEIGHT:
SPECIFICATION:		DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	3263	S/MH (C0/180)	1.25
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.23
NOMINAL POWER (W)	75	TOTAL FLUX (lm)	9812.1	Voltage (V)	219.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	135.2	Current (A)	0.345
NOMINAL FLUX (lm)	9812.1	η up (%)	0.0	Power (W)	72.59
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.958
TEST VOLTAGE (V)	219.3	Effective Flux (lm)	9732.7	EEL	0.102

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



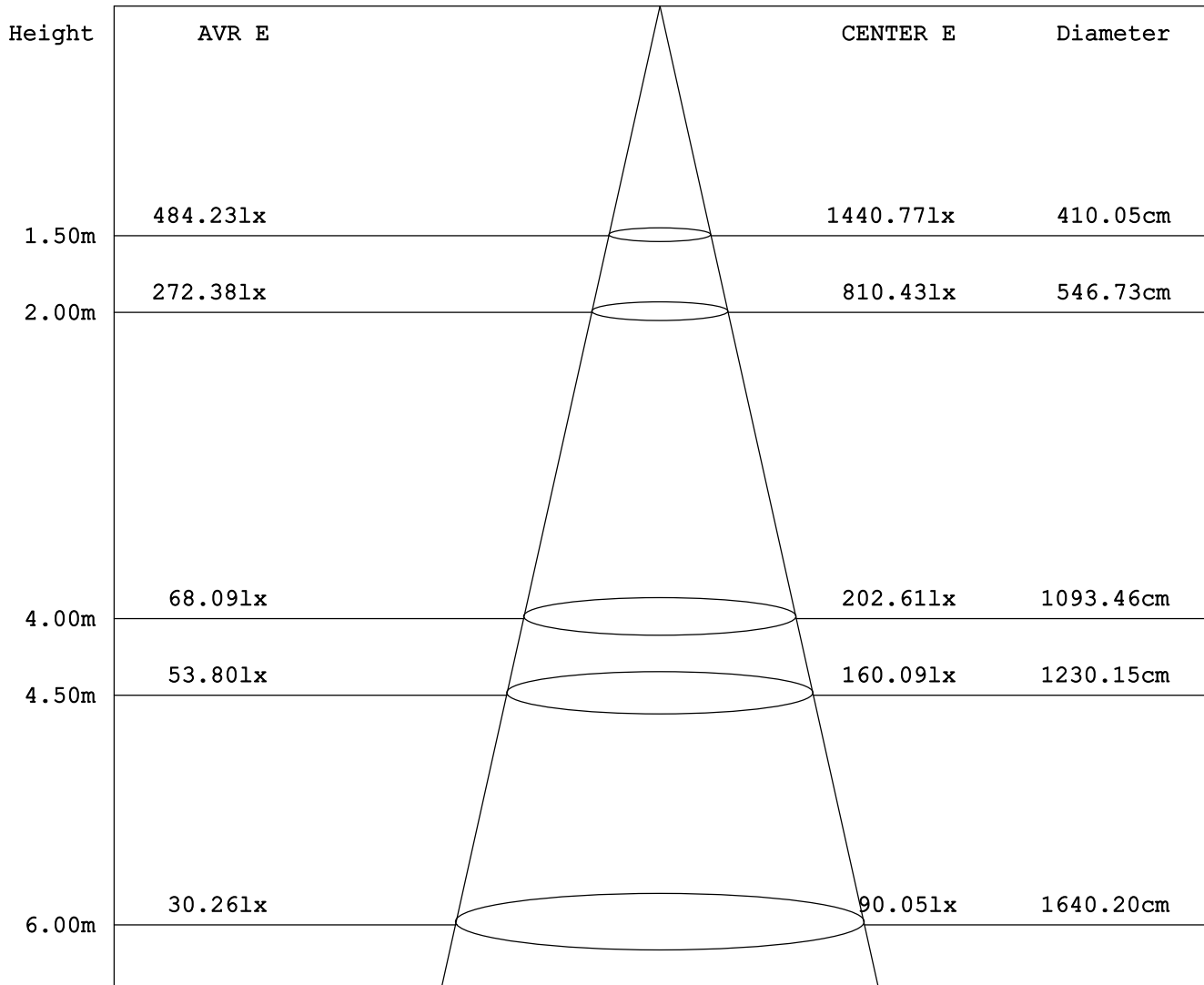
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:11-22-2018

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:107.6deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:11-22-2018

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	3187	3149	3139	3139	3198	3247	3217	3185	0- 5	76.59	76.59
10.0	3112	3108	3109	3109	3132	3129	3108	3100	5- 10	224.6	301.2
15.0	3058	3014	3009	3057	3105	3099	3077	3039	10- 15	366.0	667.3
20.0	2933	2906	2890	2936	2998	3026	3019	2944	15- 20	495.3	1163
25.0	2821	2797	2802	2838	2883	2892	2911	2855	20- 25	608.4	1771
30.0	2703	2657	2639	2690	2761	2779	2772	2733	25- 30	704.2	2475
35.0	2551	2511	2498	2547	2611	2644	2637	2595	30- 35	778.7	3254
40.0	2369	2317	2312	2361	2437	2474	2465	2408	35- 40	827.9	4082
45.0	2198	2118	2102	2152	2218	2279	2295	2217	40- 45	848.9	4931
50.0	1959	1893	1885	1935	2025	2063	2076	1993	45- 50	842.2	5773
55.0	1714	1666	1654	1694	1767	1844	1835	1760	50- 55	807.6	6581
60.0	1470	1437	1460	1459	1511	1601	1600	1509	55- 60	748.0	7329
65.0	1175	1180	1155	1210	1265	1354	1346	1275	60- 65	669.5	7999
70.0	973.6	923.6	894.9	962.8	1009	1099	1092	1023	65- 70	567.8	8566
75.0	750.0	693.1	695.7	724.2	768.3	847.2	834.6	776.5	70- 75	457.7	9024
80.0	596.5	542.5	582.6	563.0	595.9	634.3	612.0	576.9	75- 80	356.2	9380
85.0	387.2	371.7	295.4	403.2	351.9	486.7	372.1	440.0	80- 85	272.3	9653
90.0	135.7	137.0	97.88	167.9	118.2	287.5	143.0	234.5	85- 90	159.3	9812
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:11-22-2018

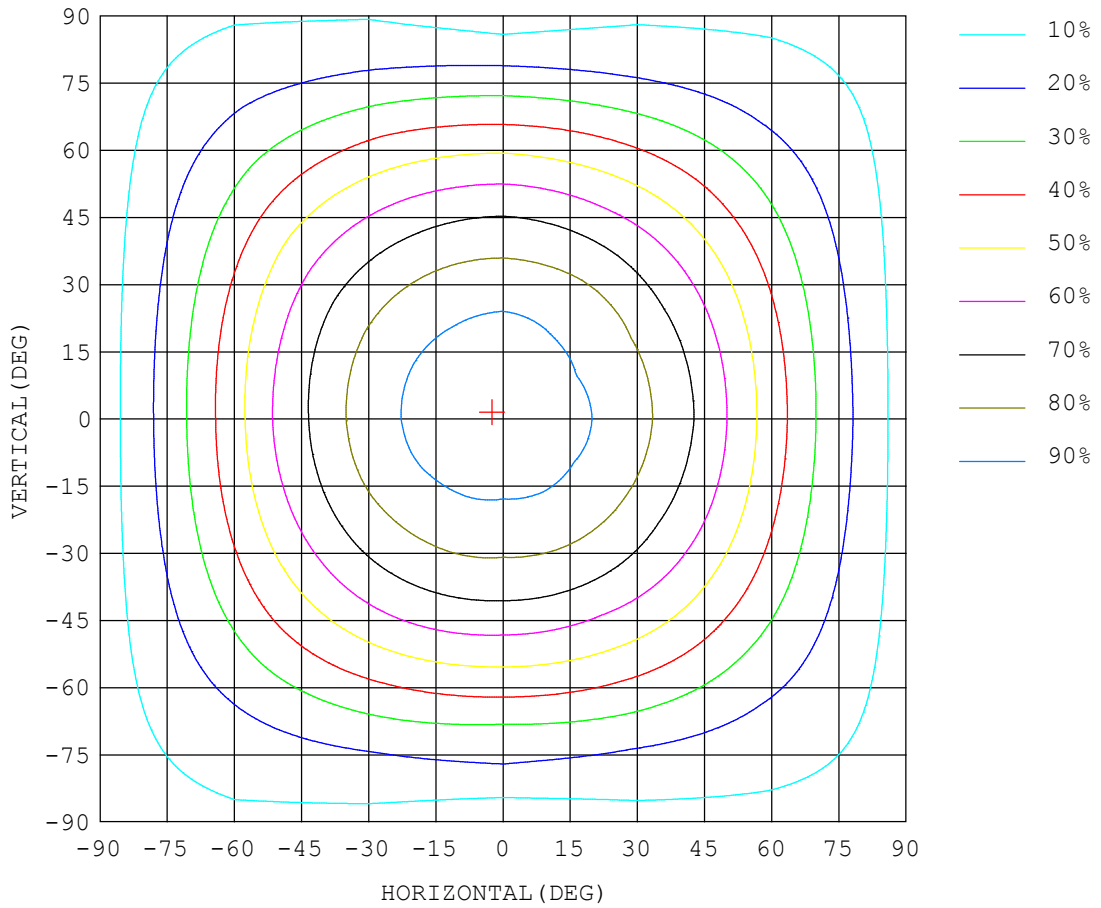
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd



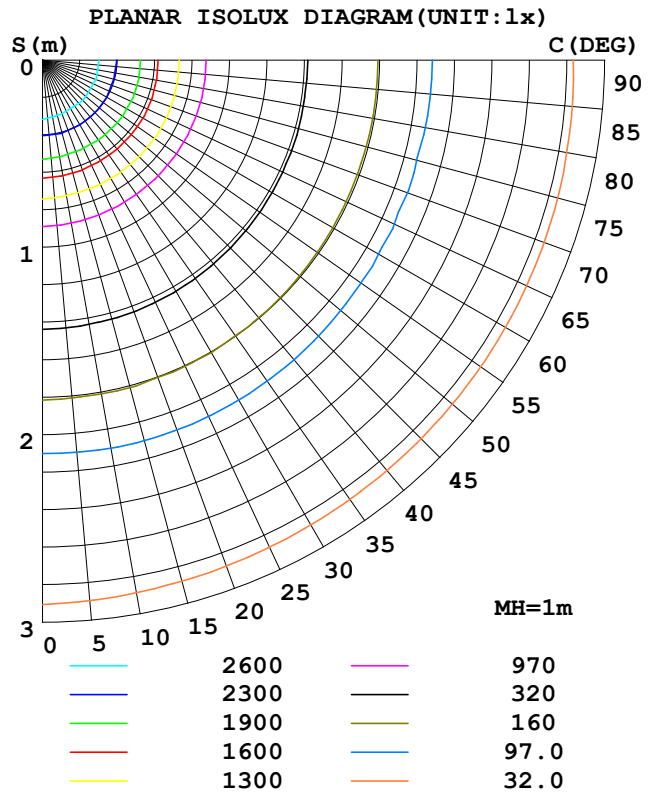
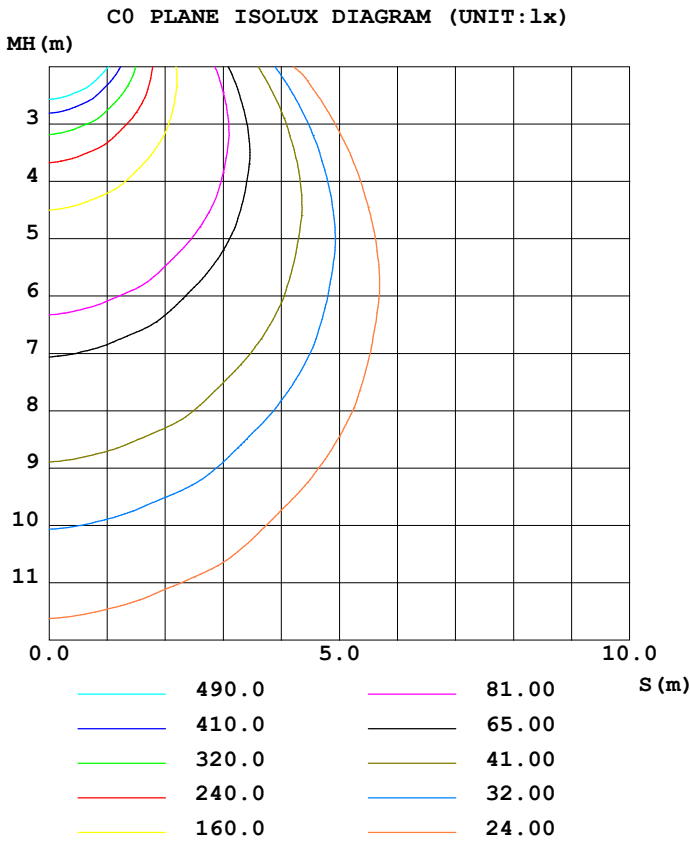
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:11-22-2018

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:11-22-2018

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3242	3233	3230	3224	3220	3213	3242	3233	3230	3224	3220	3213
5.0	3187	3154	3143	3139	3138	3141	3198	3246	3249	3217	3192	3179
10.0	3112	3111	3105	3109	3104	3113	3132	3128	3129	3108	3111	3088
15.0	3058	3012	3016	3009	3048	3066	3105	3095	3102	3077	3067	3011
20.0	2933	2911	2902	2890	2918	2954	2998	3021	3031	3019	2971	2917
25.0	2821	2805	2789	2802	2828	2849	2883	2893	2890	2911	2875	2835
30.0	2703	2654	2659	2639	2681	2698	2761	2760	2798	2772	2752	2713
35.0	2551	2514	2507	2498	2517	2577	2611	2638	2649	2637	2620	2570
40.0	2369	2324	2310	2312	2338	2384	2437	2480	2467	2465	2430	2386
45.0	2198	2142	2093	2102	2133	2171	2218	2278	2280	2295	2240	2195
50.0	1959	1916	1871	1885	1915	1955	2025	2057	2068	2076	2014	1973
55.0	1714	1682	1649	1654	1674	1714	1767	1840	1847	1835	1779	1741
60.0	1470	1462	1411	1460	1433	1484	1511	1597	1605	1600	1531	1487
65.0	1175	1186	1173	1155	1177	1243	1265	1341	1367	1346	1295	1255
70.0	974	932	915	895	940	986	1009	1090	1107	1092	1040	1007
75.0	750	703	683	696	705	744	768	839	856	835	791	762
80.0	597	554	531	583	557	569	596	634	634	612	582	572
85.0	387	385	359	295	389	418	352	489	484	372	452	429
90.0	136	142	132	97.8	146	190	118	276	299	143	255	214

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:11-22-2018

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks: