

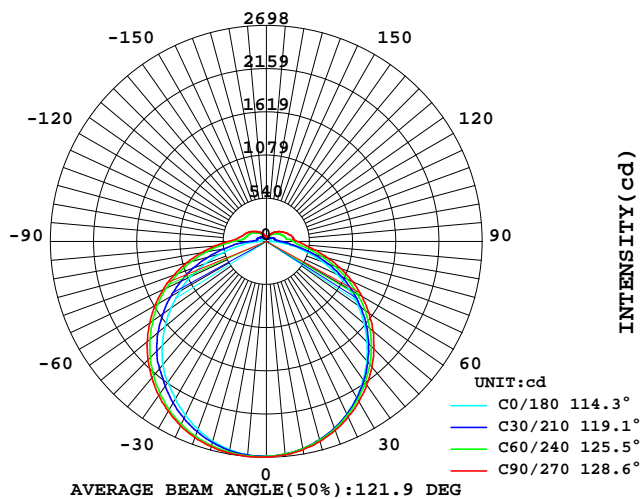
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

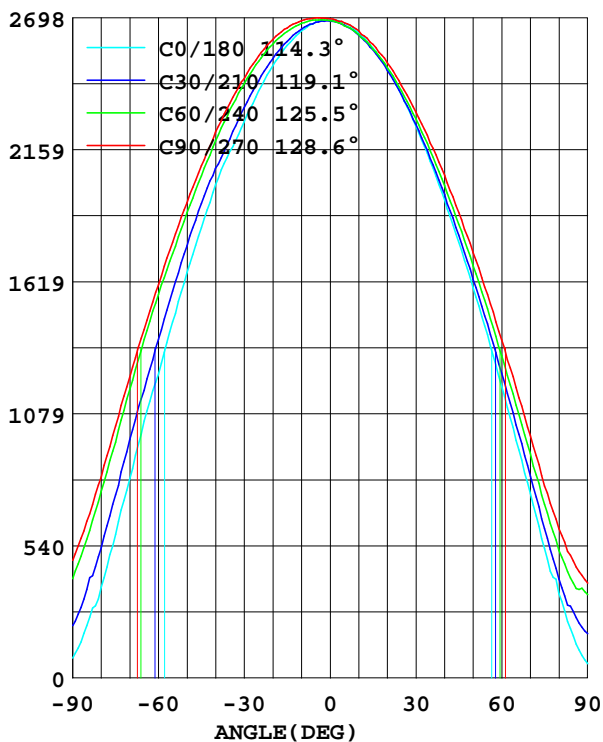
MANUFACTURER:		
Address:		
NAME: 74W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	2698	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.35
NOMINAL POWER(W)	74	TOTAL FLUX(lm)	9689.4	Voltage(V)	230.1
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	133.8	Current(A)	0.330
NOMINAL FLUX(lm)	9689.4	h up(%)	9.6	Power(W)	72.40
LAMPS QUANTITY	1	h down(%)	90.4	Power Factor(PF)	0.952
TEST VOLTAGE(V)	230.2	Effective Flux(lm)	8937.8	EEI	0.110

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年07月23日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks:

Color Temperature Data List

Report number:

MANUFACTURER:		
Address:		
NAME: 74W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

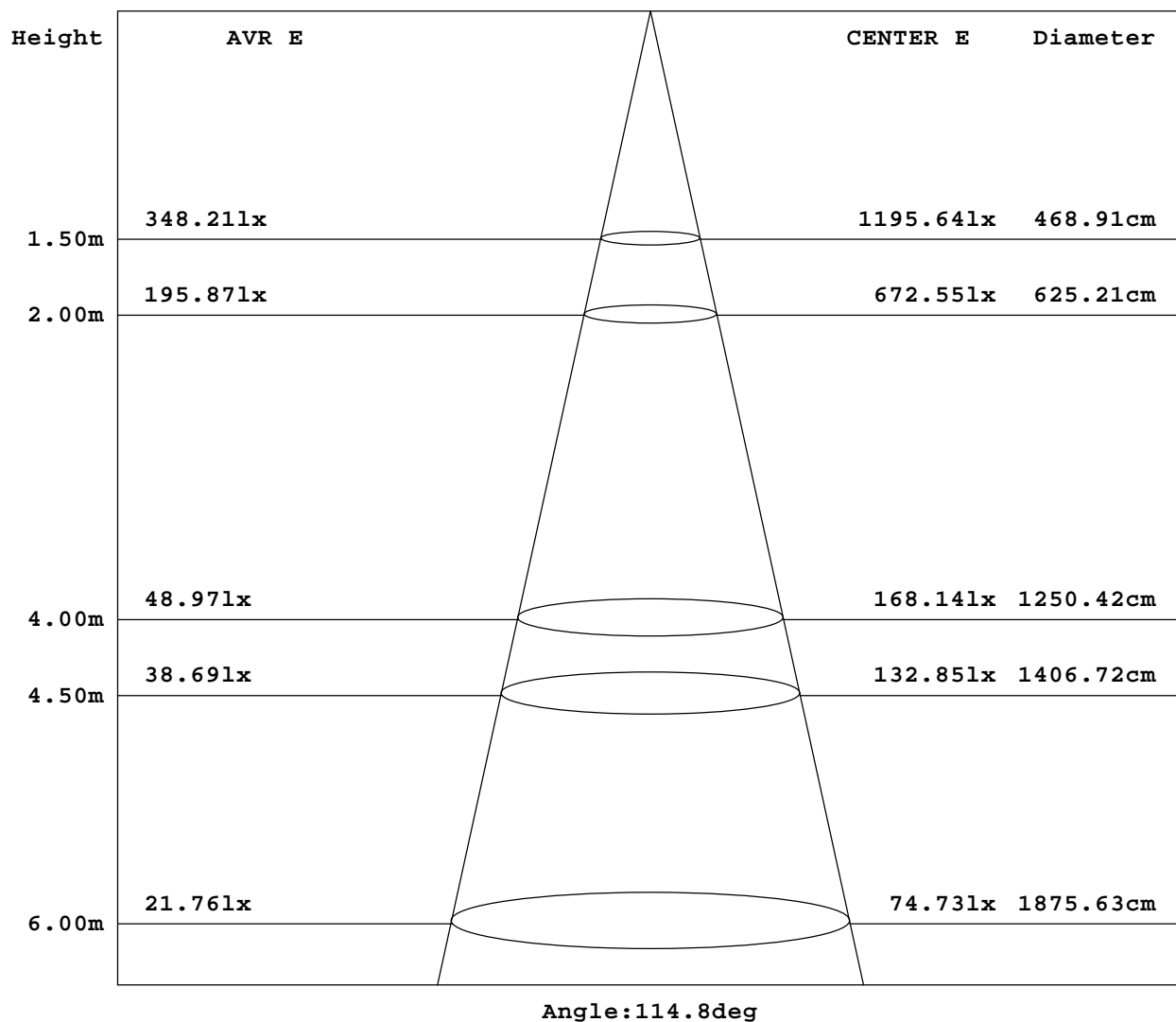
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年07月23日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: 74W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018年07月23日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 11.000 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 74W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tStal
5.0	2679	2684	2698	2677	2676	2666	2677	2667	0- 5	64.11	64.11
10.0	2645	2664	2686	2653	2638	2629	2645	2634	5- 10	190.4	254.5
15.0	2585	2622	2656	2609	2574	2568	2589	2578	10- 15	311.0	565.5
20.0	2501	2559	2608	2546	2487	2487	2513	2501	15- 20	422.1	987.7
25.0	2399	2480	2542	2464	2383	2392	2420	2407	20- 25	520.2	1508
30.0	2275	2380	2450	2362	2256	2274	2314	2291	25- 30	602.5	2111
35.0	2152	2262	2348	2246	2111	2137	2185	2157	30- 35	666.5	2777
40.0	2015	2138	2230	2113	1953	1993	2054	2024	35- 40	711.5	3489
45.0	1840	1995	2093	1963	1781	1832	1903	1871	40- 45	736.3	4225
50.0	1657	1833	1942	1803	1593	1656	1738	1696	45- 50	738.6	4964
55.0	1455	1658	1780	1632	1403	1478	1568	1516	50- 55	718.7	5683
60.0	1242	1476	1607	1446	1192	1282	1382	1321	55- 60	678.5	6361
65.0	1049	1279	1424	1254	971.3	1075	1187	1113	60- 65	619.4	6981
70.0	812.3	1076	1229	1054	752.1	870.7	989.9	906.6	65- 70	541.7	7522
75.0	586.9	856.1	1030	844.0	528.5	660.4	784.5	693.4	70- 75	449.2	7972
80.0	370.5	647.7	821.1	637.9	345.0	462.7	610.8	494.7	75- 80	349.2	8321
85.0	214.1	464.2	640.5	465.1	171.9	329.8	478.4	359.1	80- 85	254.5	8575
90.0	82.40	310.0	480.8	320.4	58.20	261.0	388.1	287.4	85- 90	182.0	8758
95.0	70.54	224.9	374.6	229.1	49.85	225.1	339.1	250.3	90- 95	136.5	8894
100.0	76.10	197.8	335.2	197.6	51.42	181.5	334.3	213.9	95-100	111.9	9006
105.0	68.60	187.6	299.3	188.6	50.21	175.0	312.4	201.1	100-105	102.9	9109
110.0	69.45	180.2	282.5	178.5	50.82	164.7	285.6	185.1	105-110	94.66	9204
115.0	66.30	166.5	263.2	167.8	52.15	150.5	263.2	171.4	110-115	85.77	9289
120.0	65.82	156.0	241.2	156.2	59.04	139.0	238.6	152.2	115-120	76.36	9366
125.0	64.00	140.4	221.4	144.5	58.80	128.6	214.7	138.0	120-125	66.73	9433
130.0	64.00	126.4	197.9	131.9	59.16	114.5	195.2	121.1	125-130	57.26	9490
135.0	61.46	113.6	176.6	120.2	56.02	104.1	173.9	104.7	130-135	48.04	9538
140.0	63.28	103.9	156.4	108.8	59.41	90.20	154.1	93.41	135-140	39.72	9578
145.0	59.41	92.32	145.6	97.16	62.07	79.67	133.1	80.76	140-145	32.16	9610
150.0	59.89	82.34	124.0	86.63	60.37	67.27	112.0	68.18	145-150	25.33	9635
155.0	61.83	74.29	107.4	76.53	58.44	57.95	94.13	59.10	150-155	19.16	9654
160.0	58.80	66.97	87.24	63.22	61.10	50.88	76.35	54.57	155-160	14.22	9668
165.0	57.71	54.57	71.75	53.42	54.32	48.64	65.46	49.18	160-165	9.770	9678
170.0	56.86	49.67	61.34	48.94	55.53	46.16	60.01	47.49	165-170	6.339	9685
175.0	60.50	47.67	53.96	44.40	57.83	47.06	62.07	49.18	170-175	3.656	9688
180.0	56.50	51.24	60.62	46.76	60.25	48.52	58.07	49.61	175-180	1.225	9689
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2018年07月23日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks:

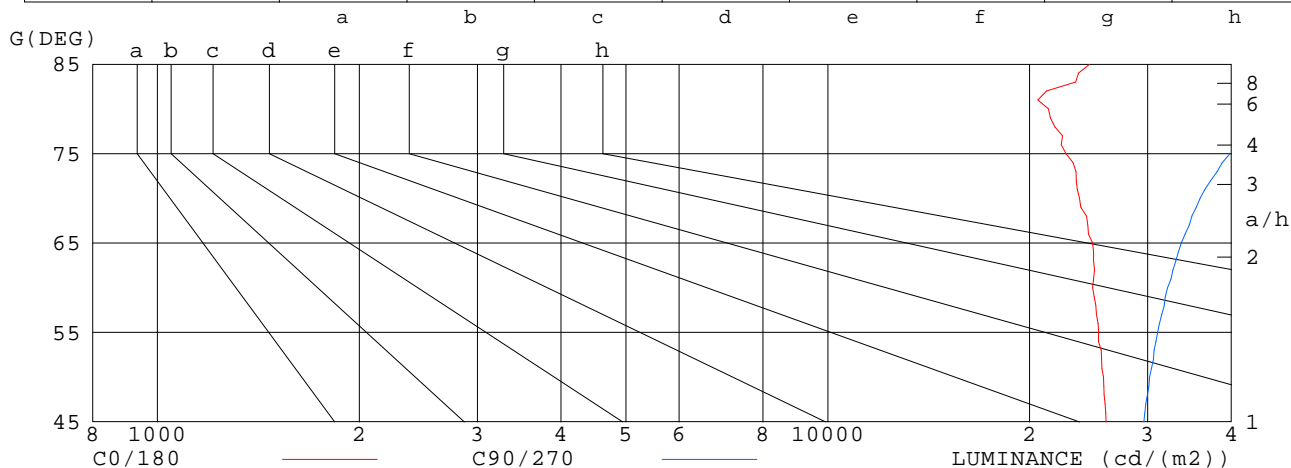
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: 74W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	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	24573	73498
80	21336	47286
75	22679	39794
70	23753	35944
65	24829	33684
60	24844	32138
55	25363	31032
50	25782	30211
45	26020	29600

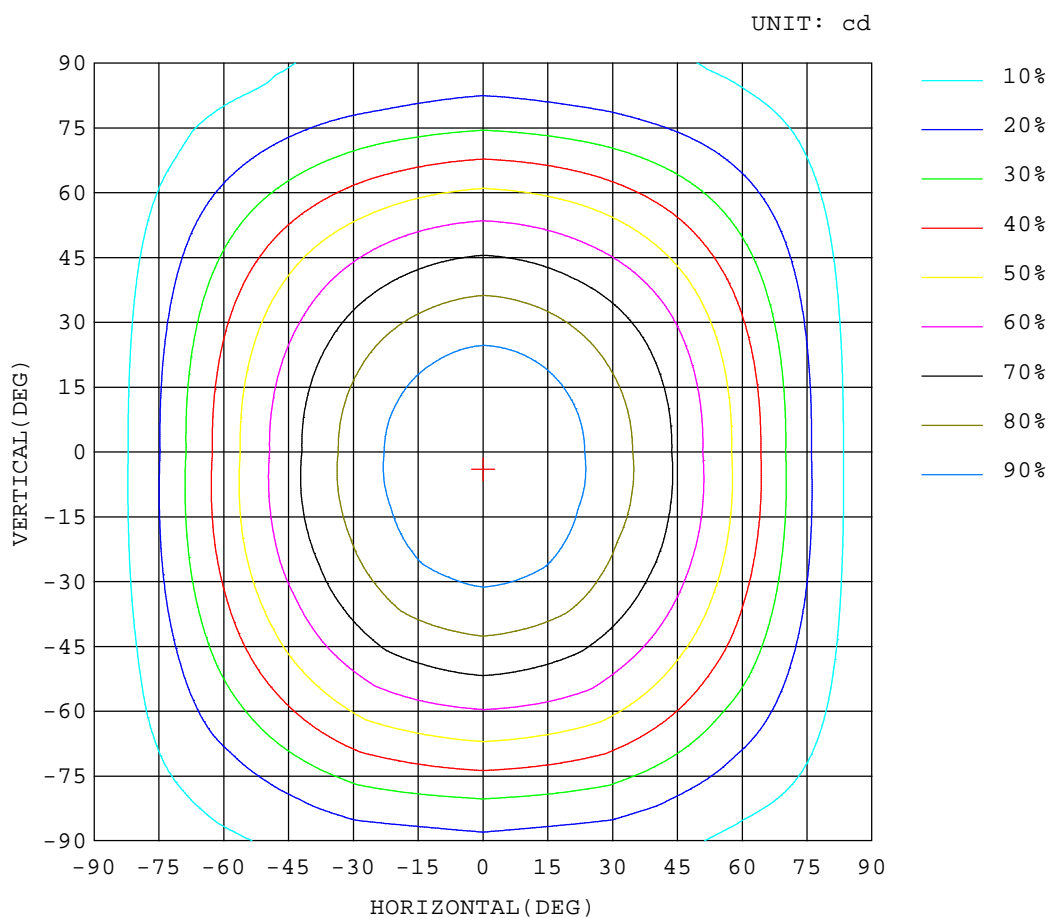
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年07月23日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 74W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



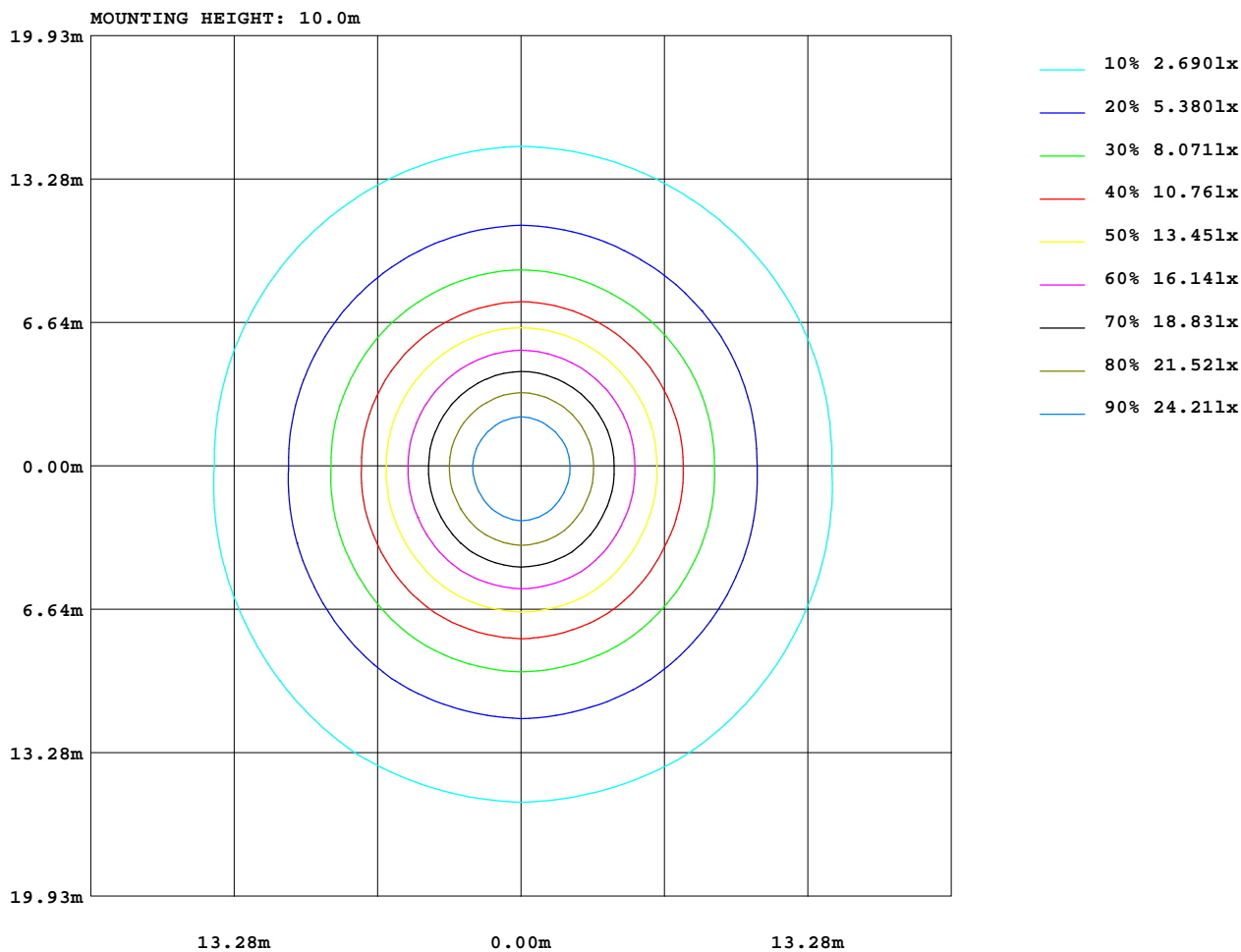
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年07月23日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 74W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年07月23日

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:11.000 m
Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:																				
Address:																				
NAME: 74W 120°										TYPE:					WEIGHT:					
SPECIFICATION:										DIMENSION:					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.25	1.11	2.48	4.37	6.62	9.07	11.2	12.9	14.2	14.3	13.1	11.5	9.51	7.21	5.05	3.06	1.41	0.33	128	115		
90	0.30	1.52	3.62	6.59	10.4	14.6	18.4	21.4	23.5	23.6	21.7	18.9	15.2	11.1	7.17	4.08	1.84	0.39	205	200		
80	0.35	2.02	5.26	10.1	16.1	22.4	28.1	32.6	35.4	35.5	33.0	28.7	23.1	16.9	10.8	5.73	2.31	0.45	309	307		
70	0.42	2.61	7.11	13.8	21.9	30.1	37.6	43.4	46.8	46.9	43.8	38.3	31.0	22.8	14.7	7.72	2.86	0.52	413	411		
60	0.47	3.17	8.87	17.2	27.0	37.1	46.1	52.9	56.9	57.0	53.3	46.7	38.0	28.0	18.1	9.56	3.45	0.58	505	504		
50	0.53	3.65	10.4	20.1	31.4	42.9	53.2	61.1	65.6	65.7	61.5	54.0	44.0	32.5	21.0	11.1	3.99	0.63	584	583		
40	0.57	4.04	11.5	22.3	34.8	47.5	58.9	67.7	72.6	72.7	68.0	59.5	48.7	36.0	23.2	12.3	4.43	0.66	646	646		
30	0.60	4.29	12.3	23.8	37.1	50.7	63.0	72.3	77.6	77.7	72.7	63.5	51.7	38.4	24.7	13.1	4.71	0.69	690	689		
	0.61	4.40	12.6	24.4	38.2	52.4	65.2	74.9	80.2	80.3	75.2	65.7	53.3	39.5	25.4	13.5	4.83	0.70	712	711		
	0.62	4.44	12.7	24.6	38.5	52.7	65.6	75.3	80.7	81.0	75.7	66.1	53.6	39.7	25.6	13.6	4.86	0.70	717	716		
	0.62	4.42	12.6	24.3	38.0	51.9	64.4	74.1	79.6	79.8	74.5	64.8	52.7	39.1	25.2	13.4	4.81	0.70	706	705		
	0.60	4.24	12.1	23.3	36.2	49.5	61.6	71.0	76.1	76.3	71.5	62.1	50.5	37.3	24.1	12.8	4.59	0.68	675	675		
-30	0.56	3.93	11.1	21.4	33.4	45.8	57.2	65.8	70.4	70.5	66.2	57.8	46.8	34.3	22.1	11.7	4.21	0.65	625	624		
-40	0.51	3.50	9.79	18.9	29.7	40.9	51.2	58.6	62.7	62.8	58.9	51.7	41.6	30.4	19.5	10.3	3.71	0.61	556	555		
-50	0.46	2.97	8.17	15.8	25.2	34.9	43.7	49.8	53.3	53.4	50.1	44.2	35.5	25.8	16.4	8.56	3.15	0.54	472	471		
-60	0.40	2.39	6.38	12.3	19.8	27.8	34.9	39.7	42.6	42.7	40.0	35.3	28.2	20.2	12.7	6.62	2.60	0.46	376	374		
-70	0.34	1.86	4.66	8.73	14.0	19.9	25.1	28.5	30.7	30.7	28.6	25.2	20.1	14.3	8.98	4.87	1.99	0.39	270	266		
-80	0.28	1.37	3.25	5.86	9.04	12.5	15.6	17.6	19.0	19.1	17.6	15.6	12.5	8.96	5.69	3.14	1.40	0.32	169	161		
-90																						
	HORIZONTAL (DEG)																					
	8.47	56.0	155	299	468	643	802	921	989	991	926	811	657	483	311	165	61.2	10.0	9689			
	1.96	48.2	150	295	467	643	802	921	989	991	926	811	657	483	309	161	54.7	3.72			8938	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2018年07月23日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
 Remarks:

Uncorrected UGR Table

Report number:

MANUFACTURER:										
Address:										
NAME: 74W 120°						TYPE:		WEIGHT:		
SPECIFICATION:						DIMENSION:		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	23.7	25.1	24.1	25.5	25.9	24.7	26.1	25.1	26.5	26.9
3H	25.3	26.6	25.7	27.0	27.5	26.8	28.2	27.3	28.6	29.0
4H	26.0	27.3	26.4	27.7	28.1	27.9	29.2	28.3	29.6	30.0
6H	26.5	27.7	27.0	28.1	28.6	29.0	30.2	29.4	30.6	31.1
8H	26.7	27.8	27.2	28.3	28.8	29.5	30.7	30.0	31.1	31.6
12H	26.9	28.0	27.4	28.4	29.0	30.1	31.2	30.6	31.7	32.2
4H 2H	24.5	25.8	25.0	26.2	26.7	25.3	26.6	25.7	27.0	27.4
3H	26.4	27.5	26.9	28.0	28.5	27.7	28.8	28.2	29.2	29.7
4H	27.2	28.2	27.7	28.7	29.3	28.9	29.9	29.4	30.4	30.9
6H	27.9	28.8	28.4	29.3	29.9	30.1	31.1	30.7	31.6	32.1
8H	28.1	29.0	28.7	29.5	30.1	30.8	31.6	31.4	32.2	32.8
12H	28.4	29.2	28.9	29.7	30.3	31.5	32.3	32.1	32.8	33.4
8H 4H	27.8	28.6	28.3	29.2	29.8	29.2	30.1	29.8	30.6	31.2
6H	28.7	29.4	29.3	30.0	30.6	30.7	31.4	31.3	32.0	32.6
8H	29.1	29.7	29.7	30.3	31.0	31.6	32.2	32.2	32.8	33.4
12H	29.5	30.0	30.1	30.6	31.3	32.5	33.0	33.1	33.6	34.3
12H 4H	27.9	28.7	28.5	29.2	29.9	29.2	30.0	29.8	30.6	31.2
6H	28.9	29.6	29.5	30.2	30.8	30.8	31.4	31.4	32.0	32.7
8H	29.4	30.0	30.1	30.6	31.3	31.7	32.3	32.4	32.9	33.6
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 / - 0.2				
2.0H	+ 0.2 / - 0.5					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 9689 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.9)

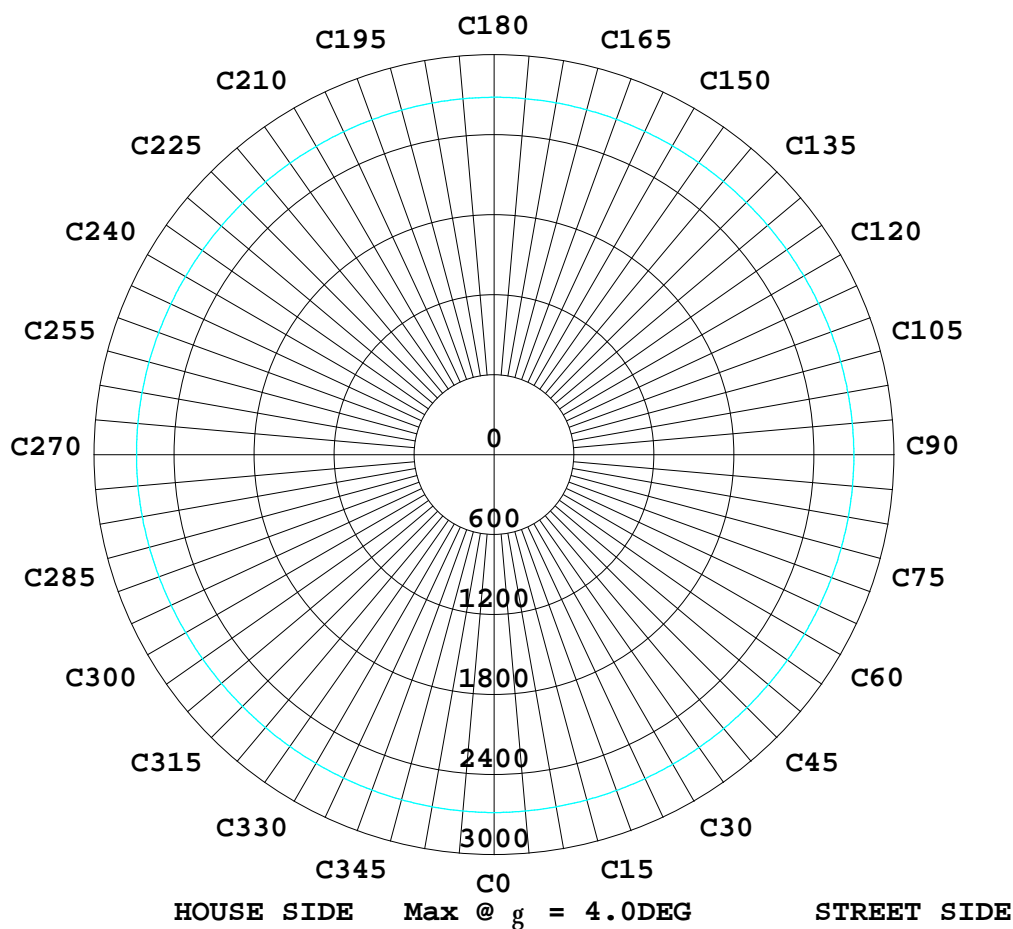
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2018年07月23日

Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:11.000 m
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ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 74W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年07月23日

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