

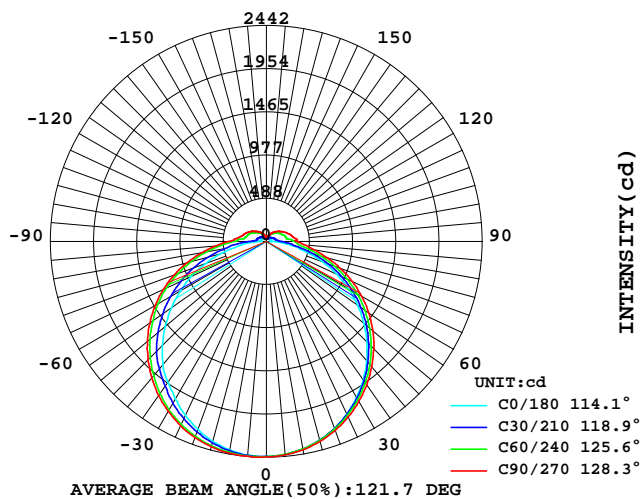
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

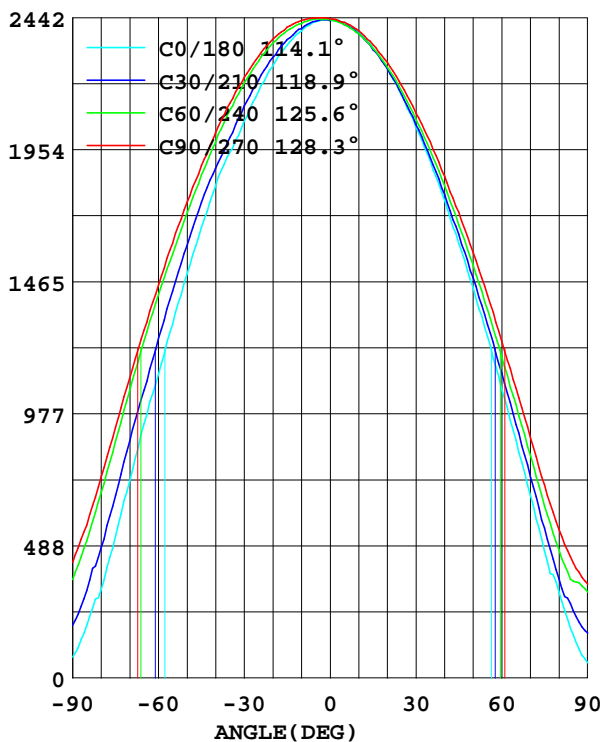
MANUFACTURER:		
Address:		
NAME: 66W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	2442	S/MH(C0/180)	1.25
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.35
NOMINAL POWER(W)	66	TOTAL FLUX(lm)	8795.2	Voltage(V)	230.1
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	136.6	Current(A)	0.295
NOMINAL FLUX(lm)	8795.3	h up(%)	9.9	Power(W)	64.37
LAMPS QUANTITY	1	h down(%)	90.1	Power Factor(PF)	0.946
TEST VOLTAGE(V)	230.2	Effective Flux(lm)	8102.6	EEI	0.108

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: 66W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

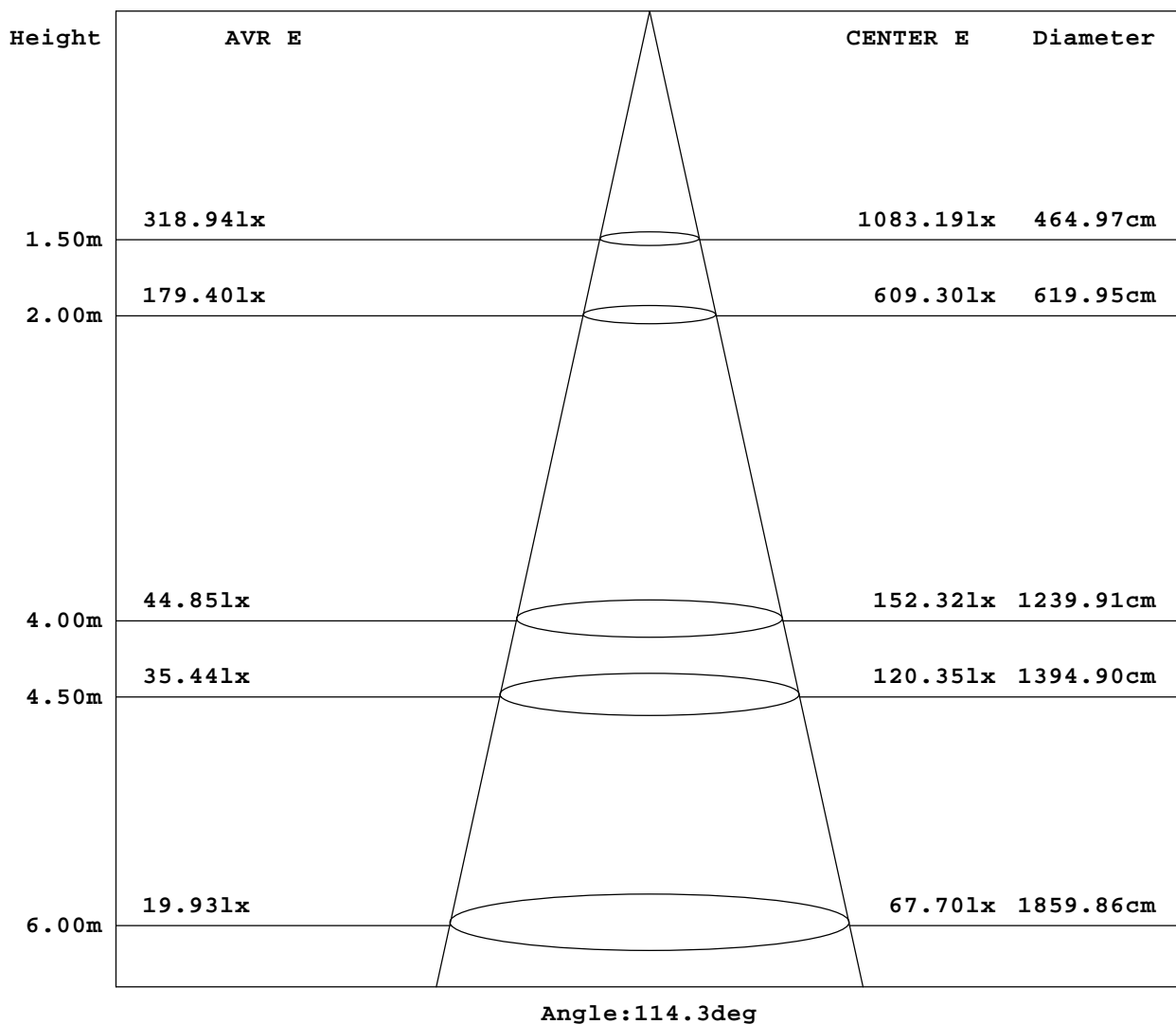
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年07月23日

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: 66W 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: 66W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tStal
5.0	2428	2433	2440	2425	2424	2415	2425	2417	0- 5	58.07	58.07
10.0	2393	2411	2431	2402	2388	2382	2394	2385	5- 10	172.5	230.5
15.0	2341	2377	2407	2364	2330	2326	2342	2334	10- 15	281.7	512.3
20.0	2263	2321	2362	2307	2255	2256	2276	2265	15- 20	382.3	894.7
25.0	2170	2247	2300	2231	2155	2165	2191	2179	20- 25	471.2	1366
30.0	2060	2159	2221	2142	2038	2056	2090	2071	25- 30	545.5	1911
35.0	1945	2050	2126	2033	1913	1937	1983	1957	30- 35	603.3	2515
40.0	1819	1932	2015	1912	1766	1804	1856	1831	35- 40	644.0	3159
45.0	1666	1809	1894	1781	1607	1659	1723	1693	40- 45	666.3	3825
50.0	1493	1658	1758	1634	1444	1504	1573	1538	45- 50	668.1	4493
55.0	1308	1498	1607	1474	1262	1334	1415	1369	50- 55	650.2	5144
60.0	1123	1337	1454	1310	1068	1159	1247	1194	55- 60	613.5	5757
65.0	939.9	1156	1287	1134	880.6	974.4	1072	1009	60- 65	559.2	6317
70.0	726.9	968.5	1109	947.4	675.7	783.8	888.6	815.7	65- 70	489.0	6806
75.0	526.1	776.3	928.1	766.0	468.9	595.5	714.0	625.2	70- 75	404.9	7211
80.0	327.0	584.4	744.3	574.5	319.3	421.3	549.9	447.3	75- 80	314.3	7525
85.0	195.0	415.3	564.8	423.3	159.4	302.8	425.3	334.5	80- 85	231.2	7756
90.0	77.80	279.9	427.8	294.1	56.74	242.2	347.8	264.8	85- 90	166.3	7923
95.0	67.63	215.9	361.0	221.3	47.06	211.6	344.9	232.8	90- 95	126.9	8050
100.0	69.57	182.5	307.4	184.2	47.55	171.2	308.6	195.5	95-100	104.4	8154
105.0	66.79	171.3	275.7	175.5	46.94	163.1	287.4	184.2	100-105	95.27	8249
110.0	65.46	163.5	259.5	163.8	48.03	153.9	262.5	173.6	105-110	88.13	8337
115.0	63.88	153.8	242.9	156.8	53.36	143.0	243.8	158.6	110-115	79.69	8417
120.0	64.00	145.0	224.0	147.2	52.99	131.5	219.9	144.4	115-120	71.22	8488
125.0	64.25	130.4	206.9	136.9	58.68	121.6	201.8	129.3	120-125	62.59	8551
130.0	61.46	116.8	178.8	123.4	58.44	111.1	182.8	114.2	125-130	53.96	8605
135.0	58.20	105.3	164.4	114.2	55.53	98.49	160.3	98.91	130-135	45.19	8650
140.0	58.20	97.10	147.3	102.1	55.41	87.60	143.6	87.96	135-140	37.46	8688
145.0	58.20	88.02	131.8	92.08	57.11	77.37	124.5	79.73	140-145	30.70	8718
150.0	58.44	77.50	113.0	81.49	54.32	66.12	105.2	66.79	145-150	24.08	8742
155.0	62.31	71.87	103.4	74.53	57.35	58.32	90.87	57.35	150-155	18.48	8761
160.0	58.07	62.79	81.43	64.12	59.04	52.93	73.32	53.84	155-160	13.83	8775
165.0	57.23	55.53	70.05	51.36	55.66	47.12	63.04	46.94	160-165	9.508	8784
170.0	56.38	49.42	53.96	48.27	56.62	47.31	57.71	46.46	165-170	6.232	8790
175.0	53.96	45.07	55.05	47.06	53.23	51.48	56.86	50.39	170-175	3.651	8794
180.0	55.78	50.45	56.74	48.03	56.14	49.00	55.53	48.88	175-180	1.217	8795
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:

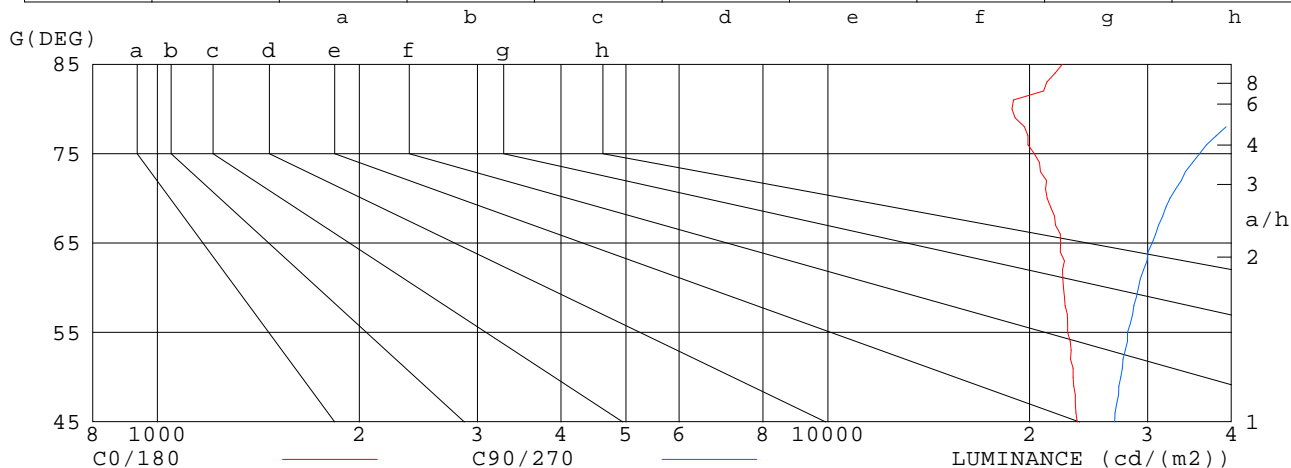
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: 66W 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	22380	64807
80	18835	42868
75	20327	35863
70	21255	32413
65	22241	30455
60	22467	29071
55	22802	28009
50	23233	27355
45	23558	26789

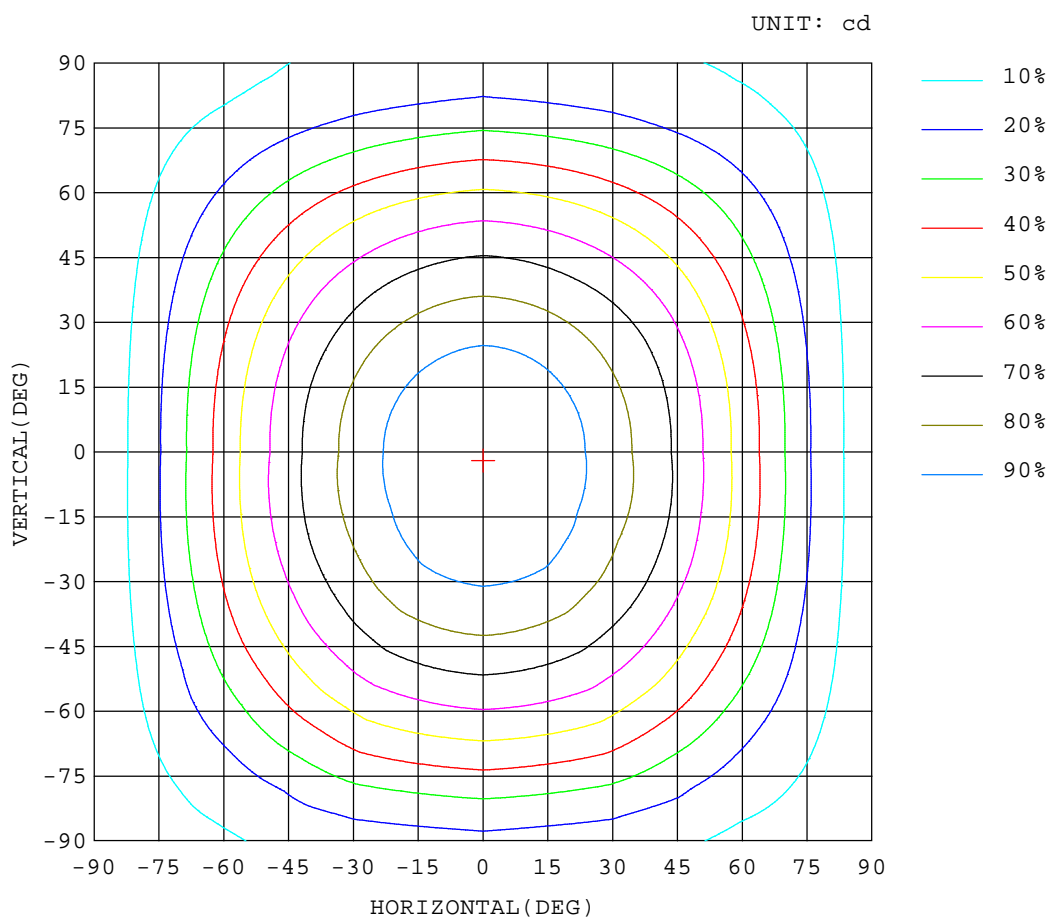
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年07月23日

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: 66W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



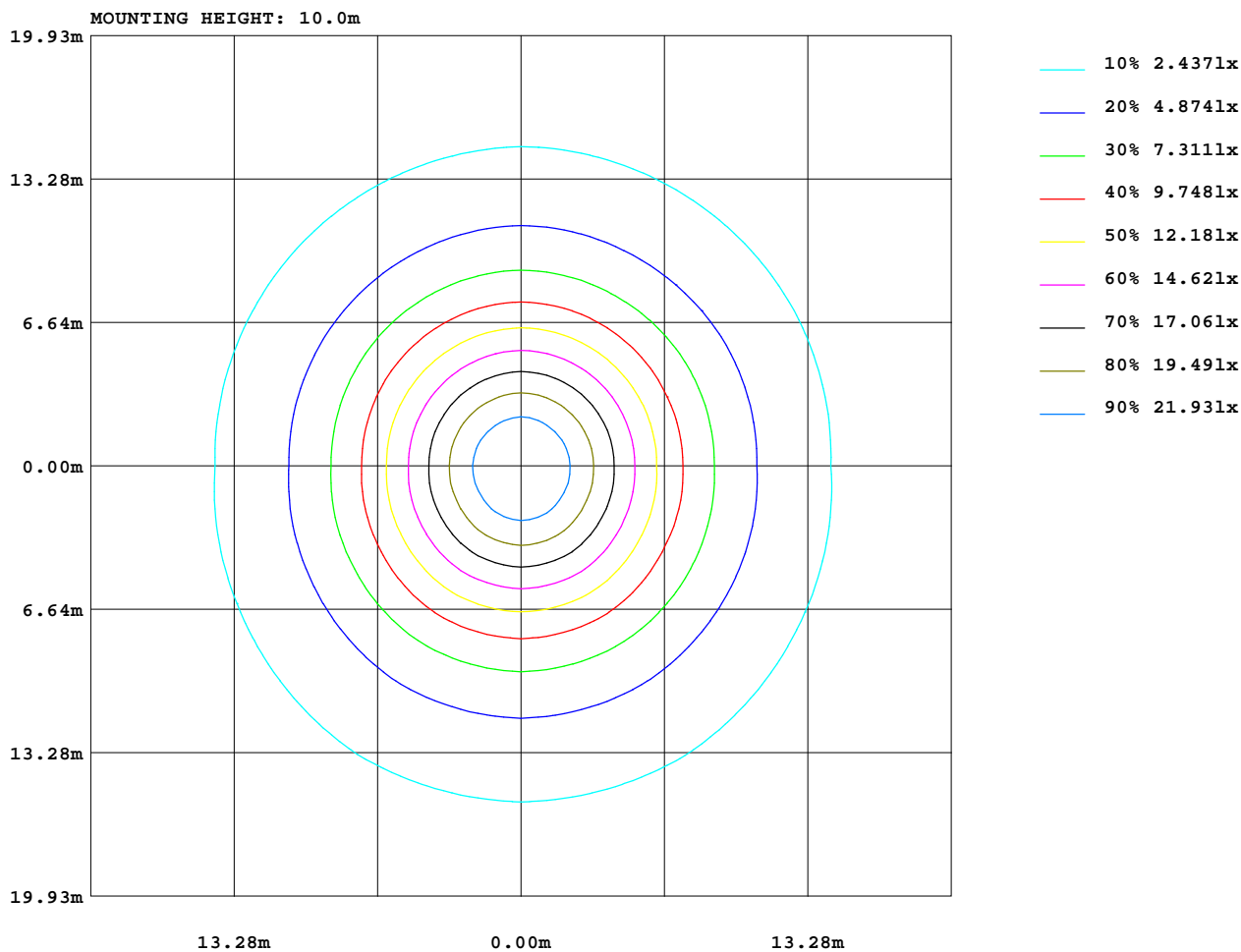
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年07月23日

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: 66W 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: 66W 120°										TYPE:					WEIGHT:					
SPECIFICATION:										DIMENSION:					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.24	1.02	2.28	4.03	6.16	8.42	10.3	11.7	12.8	12.8	11.9	10.5	8.79	6.75	4.76	2.87	1.32	0.31	117	106		
90	0.28	1.41	3.37	6.02	9.44	13.1	16.5	19.3	21.1	21.2	19.6	17.0	13.6	10.0	6.57	3.86	1.73	0.36	185	181		
80	0.33	1.87	4.76	9.15	14.5	20.2	25.4	29.4	31.9	32.0	29.8	25.9	20.9	15.3	9.82	5.17	2.17	0.42	279	277		
70	0.39	2.38	6.40	12.5	19.8	27.2	34.0	39.2	42.3	42.4	39.5	34.6	28.0	20.6	13.2	6.95	2.61	0.48	373	372		
60	0.44	2.86	7.99	15.5	24.5	33.5	41.7	47.9	51.5	51.6	48.2	42.2	34.4	25.4	16.4	8.60	3.11	0.54	457	456		
50	0.49	3.29	9.37	18.1	28.4	38.8	48.2	55.3	59.3	59.4	55.6	48.8	39.9	29.4	19.0	10.0	3.58	0.59	528	528		
40	0.53	3.63	10.4	20.1	31.5	43.0	53.4	61.3	65.7	65.8	61.6	53.9	44.1	32.6	21.0	11.1	3.96	0.62	585	584		
30	0.55	3.85	11.1	21.4	33.5	45.9	57.0	65.5	70.2	70.3	65.8	57.5	46.8	34.7	22.3	11.8	4.21	0.64	624	623		
20	0.56	3.94	11.4	22.0	34.5	47.4	59.0	67.9	72.7	72.7	68.1	59.4	48.2	35.7	22.9	12.1	4.32	0.64	644	644		
	0.57	3.98	11.5	22.2	34.8	47.7	59.4	68.2	73.1	73.3	68.6	59.8	48.5	35.9	23.1	12.2	4.35	0.65	649	648		
	0.57	3.96	11.4	22.0	34.3	46.9	58.3	67.1	72.1	72.3	67.5	58.7	47.7	35.4	22.8	12.0	4.30	0.65	639	638		
	0.55	3.81	10.9	21.0	32.8	44.8	55.8	64.4	68.9	69.1	64.7	56.3	45.7	33.7	21.7	11.5	4.11	0.64	611	611		
-30	0.52	3.54	10.0	19.4	30.3	41.5	51.8	59.6	63.7	63.8	59.9	52.3	42.3	31.1	20.0	10.5	3.78	0.61	565	565		
-40	0.48	3.16	8.83	17.1	26.9	37.1	46.4	53.0	56.7	56.8	53.2	46.7	37.7	27.5	17.6	9.28	3.35	0.56	503	502		
-50	0.43	2.72	7.37	14.3	22.8	31.5	39.5	45.0	48.2	48.3	45.3	40.0	32.1	23.3	14.8	7.70	2.87	0.49	427	426		
-60	0.37	2.23	5.78	11.1	17.9	25.1	31.5	35.8	38.4	38.5	36.1	31.9	25.5	18.3	11.4	5.98	2.39	0.43	339	338		
-70	0.31	1.74	4.38	8.00	12.7	18.0	22.6	25.7	27.6	27.7	25.8	22.8	18.2	12.9	8.16	4.45	1.81	0.36	244	241		
-80	0.27	1.27	3.02	5.41	8.26	11.3	14.0	15.8	17.1	17.1	15.8	14.0	11.3	8.09	5.15	2.87	1.29	0.30	153	145		
-90																						
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																						
Φ t	7.86	50.7	140	270	424	582	726	833	894	896	838	733	594	437	281	149	55.3	9.27	8795			
Φ a	1.95	44.2	136	267	423	582	726	833	894	896	838	733	594	437	280	145	49.6	3.70		8103		

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: 66W 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	23.3	24.7	23.7	25.1	25.5	24.3	25.7	24.7	26.1	26.5	
	3H	24.9	26.3	25.4	26.7	27.1	26.5	27.8	26.9	28.2	28.6
	4H	25.6	26.9	26.1	27.3	27.7	27.5	28.8	28.0	29.2	29.7
	6H	26.1	27.3	26.6	27.7	28.2	28.6	29.8	29.1	30.2	30.7
	8H	26.3	27.5	26.8	27.9	28.4	29.1	30.3	29.6	30.7	31.2
	12H	26.5	27.6	27.0	28.1	28.6	29.7	30.8	30.2	31.3	31.8
4H	2H	24.2	25.4	24.6	25.8	26.3	24.9	26.2	25.4	26.6	27.1
	3H	26.0	27.1	26.5	27.6	28.1	27.3	28.4	27.8	28.9	29.4
	4H	26.8	27.8	27.3	28.3	28.9	28.5	29.5	29.0	30.0	30.6
	6H	27.5	28.4	28.0	28.9	29.5	29.8	30.7	30.3	31.2	31.8
	8H	27.8	28.6	28.3	29.1	29.7	30.4	31.2	31.0	31.8	32.4
	12H	28.0	28.8	28.6	29.3	29.9	31.1	31.9	31.7	32.4	33.0
8H	4H	27.4	28.2	28.0	28.8	29.4	28.8	29.7	29.4	30.2	30.8
	6H	28.3	29.0	28.9	29.5	30.2	30.3	31.0	30.9	31.6	32.2
	8H	28.7	29.3	29.3	29.9	30.6	31.2	31.8	31.8	32.4	33.0
	12H	29.1	29.7	29.7	30.3	31.0	32.1	32.6	32.7	33.2	33.9
12H	4H	27.5	28.3	28.1	28.9	29.5	28.8	29.6	29.4	30.2	30.8
	6H	28.5	29.2	29.1	29.7	30.4	30.4	31.1	31.0	31.6	32.3
	8H	29.1	29.6	29.7	30.2	30.9	31.3	31.9	32.0	32.5	33.2
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 / - 0.4					+ 0.2 / - 0.3					

CIE Pub.117 Corrected 8795 lm Total Lamp Luminous Flux.(8log(F/F0) = 7.6)

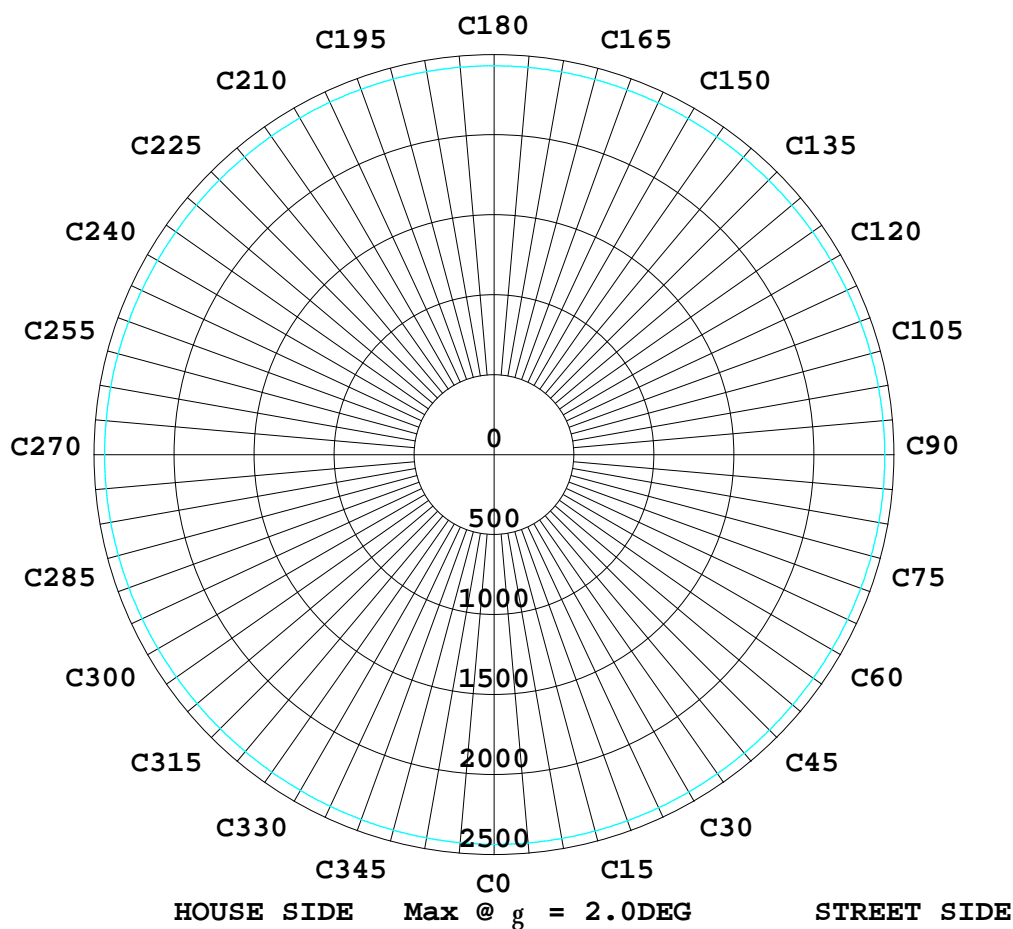
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2018年07月23日

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: 66W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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