

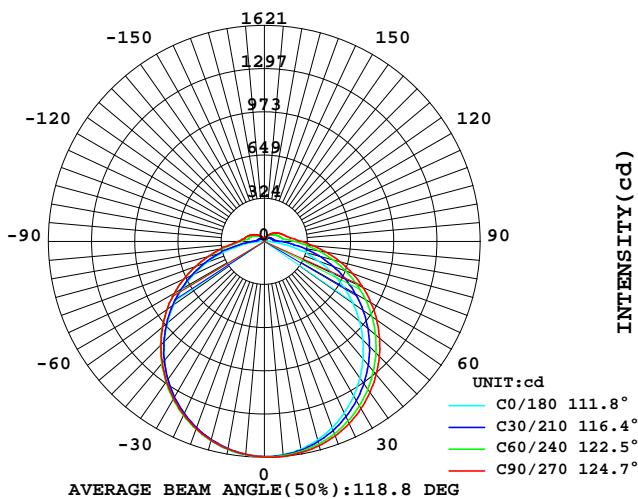
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

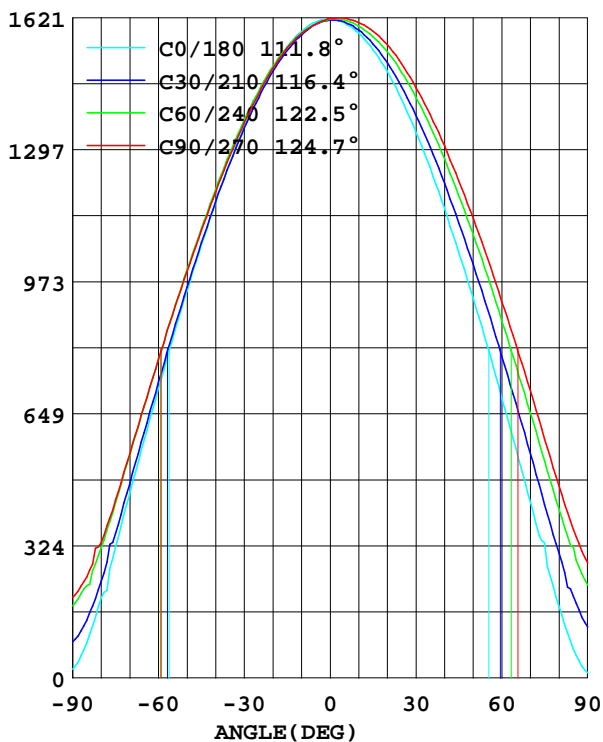
MANUFACTURER:		
Address:		
NAME: 120° 42W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1621	S/MH(C0/180)	1.24
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.25
NOMINAL POWER(W)	40	TOTAL FLUX(lm)	5500.2	Voltage(V)	230.1
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	135.0	Current(A)	0.184
NOMINAL FLUX(lm)	5500.2	h up(%)	7.6	Power(W)	40.73
LAMPS QUANTITY	1	h down(%)	92.4	Power Factor(PF)	0.959
TEST VOLTAGE(V)	230.1	Effective Flux(lm)	5116.9	EEI	0.108

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月08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: 120° 42W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:

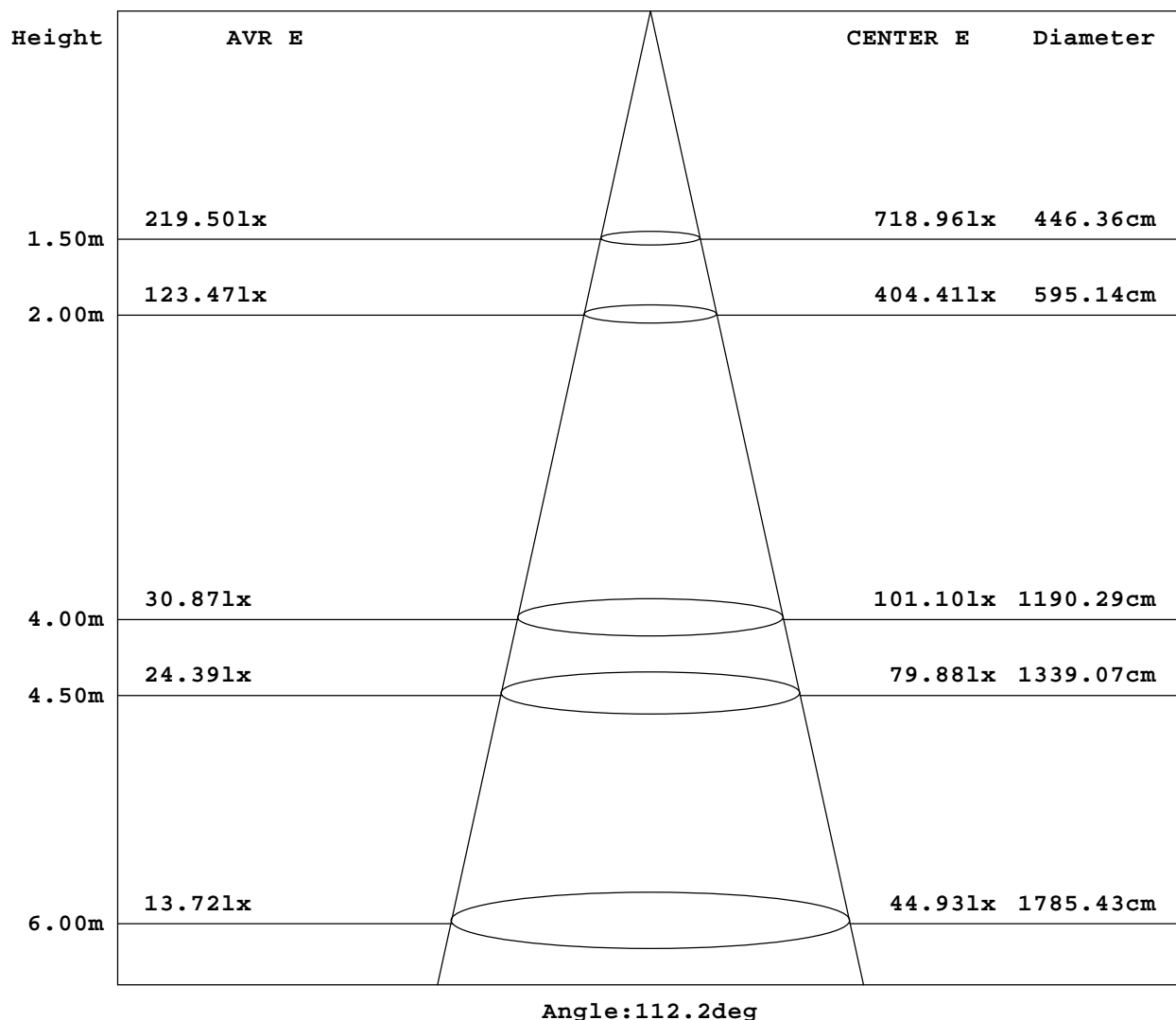
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月08日

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: 120° 42W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018年08月08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: 120° 42W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tTotal
5.0	1610	1605	1605	1601	1609	1613	1620	1613	0- 5	38.55	38.55
10.0	1587	1581	1582	1575	1584	1596	1609	1597	5- 10	114.3	152.9
15.0	1551	1545	1547	1536	1542	1565	1588	1569	10- 15	186.4	339.4
20.0	1497	1495	1497	1483	1490	1524	1555	1530	15- 20	252.4	591.8
25.0	1431	1432	1434	1418	1421	1469	1509	1477	20- 25	310.2	902.0
30.0	1355	1361	1364	1346	1340	1404	1449	1411	25- 30	357.9	1260
35.0	1266	1276	1282	1259	1253	1329	1384	1338	30- 35	394.2	1654
40.0	1167	1183	1191	1165	1152	1244	1307	1252	35- 40	418.4	2073
45.0	1064	1087	1099	1068	1044	1150	1220	1158	40- 45	429.9	2503
50.0	949.9	980.7	998.0	960.0	934.2	1054	1131	1061	45- 50	428.7	2931
55.0	831.7	868.3	891.5	847.7	813.8	946.5	1030	954.0	50- 55	415.3	3347
60.0	712.4	755.9	783.2	735.1	688.2	833.9	923.5	841.7	55- 60	390.0	3737
65.0	583.7	634.4	667.3	613.7	563.8	721.8	818.5	728.6	60- 65	353.6	4091
70.0	451.5	510.9	548.7	490.5	431.8	600.4	705.1	606.0	65- 70	307.6	4398
75.0	323.5	393.0	438.0	372.4	332.3	480.0	586.7	484.5	70- 75	254.0	4652
80.0	197.1	278.4	332.3	259.6	176.7	361.1	472.7	364.8	75- 80	195.8	4848
85.0	86.27	184.2	248.2	172.9	71.02	261.5	364.8	262.5	80- 85	139.1	4987
90.0	21.29	133.1	197.8	125.3	13.18	176.5	282.2	176.9	85- 90	95.33	5083
95.0	11.01	110.9	171.4	106.2	7.018	129.1	227.3	129.1	90- 95	69.96	5153
100.0	10.89	88.99	150.4	86.45	7.986	102.9	185.7	101.8	95-100	54.15	5207
105.0	11.25	84.70	139.2	82.94	8.954	96.01	166.1	96.07	100-105	48.20	5255
110.0	11.61	78.34	127.5	76.65	9.801	88.87	151.9	88.63	105-110	43.84	5299
115.0	12.22	69.99	115.1	70.11	10.76	81.67	138.3	80.10	110-115	39.01	5338
120.0	12.94	63.10	103.0	63.10	11.25	74.59	125.1	71.38	115-120	33.98	5372
125.0	13.55	54.51	91.83	56.80	12.22	67.21	111.9	61.22	120-125	29.03	5401
130.0	13.91	47.31	80.94	50.09	12.70	60.25	98.85	53.23	125-130	24.25	5425
135.0	14.15	40.95	69.93	43.80	13.18	53.17	86.99	45.91	130-135	19.86	5445
140.0	14.15	35.21	59.53	37.20	13.79	46.16	75.02	39.68	135-140	15.88	5461
145.0	14.88	29.40	49.00	30.79	14.39	39.44	63.40	33.75	140-145	12.38	5473
150.0	14.76	24.80	39.68	25.53	14.27	33.33	52.75	28.61	145-150	9.269	5483
155.0	14.76	20.75	30.37	20.93	14.76	27.10	42.47	24.26	150-155	6.692	5489
160.0	14.76	17.42	22.38	17.18	14.88	21.96	33.15	20.38	155-160	4.610	5494
165.0	15.24	15.42	16.45	15.48	14.88	17.78	24.68	16.87	160-165	3.028	5497
170.0	15.24	14.94	14.39	15.18	14.88	15.60	18.63	15.36	165-170	1.906	5499
175.0	15.73	15.06	14.64	14.82	15.12	14.88	16.33	14.82	170-175	1.091	5500
180.0	15.24	15.12	14.88	14.94	15.60	14.94	15.97	15.12	175-180	0.362	5500
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2018年08月08日

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

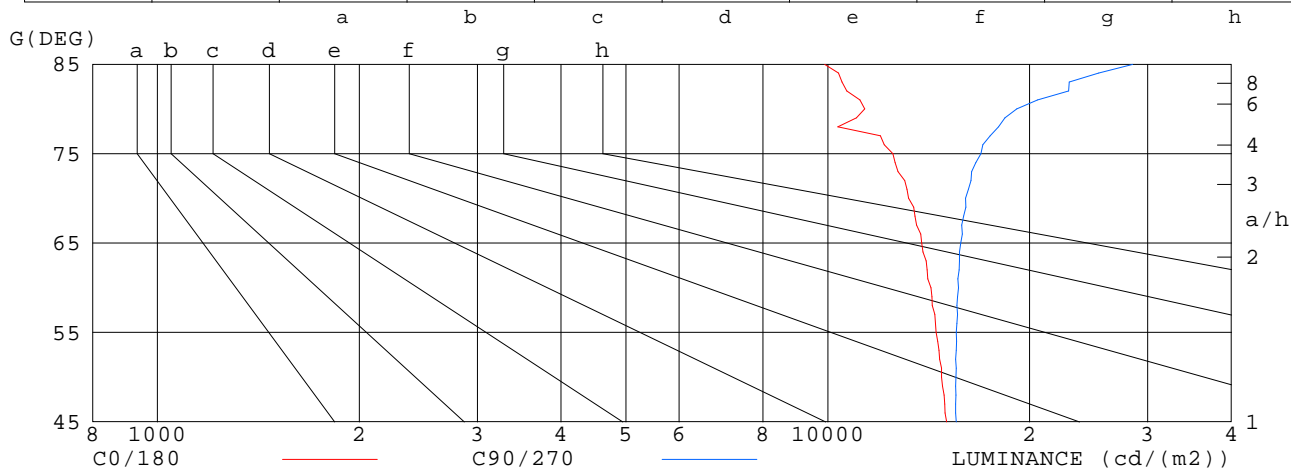
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: 120° 42W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	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	9899	28488
80	11351	19141
75	12501	16924
70	13203	16044
65	13812	15790
60	14249	15665
55	14501	15543
50	14779	15526
45	15048	15548

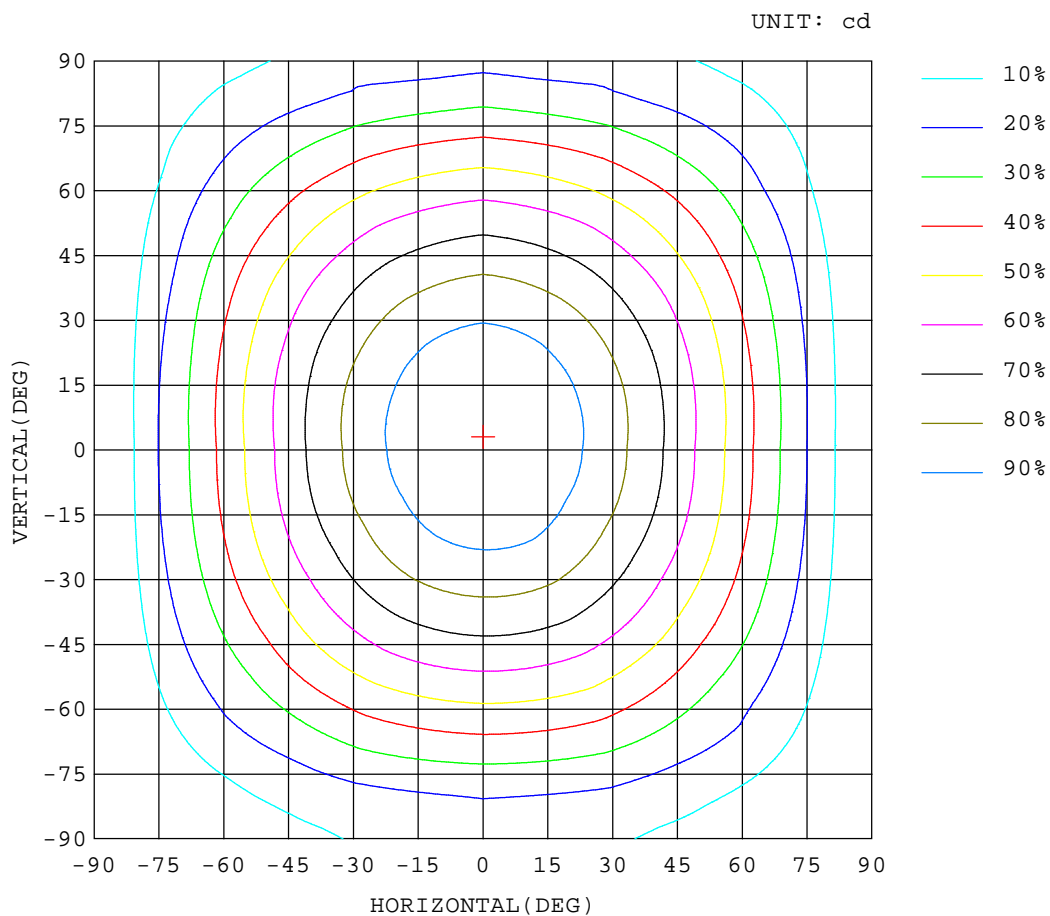
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月08日

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: 120° 42W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:



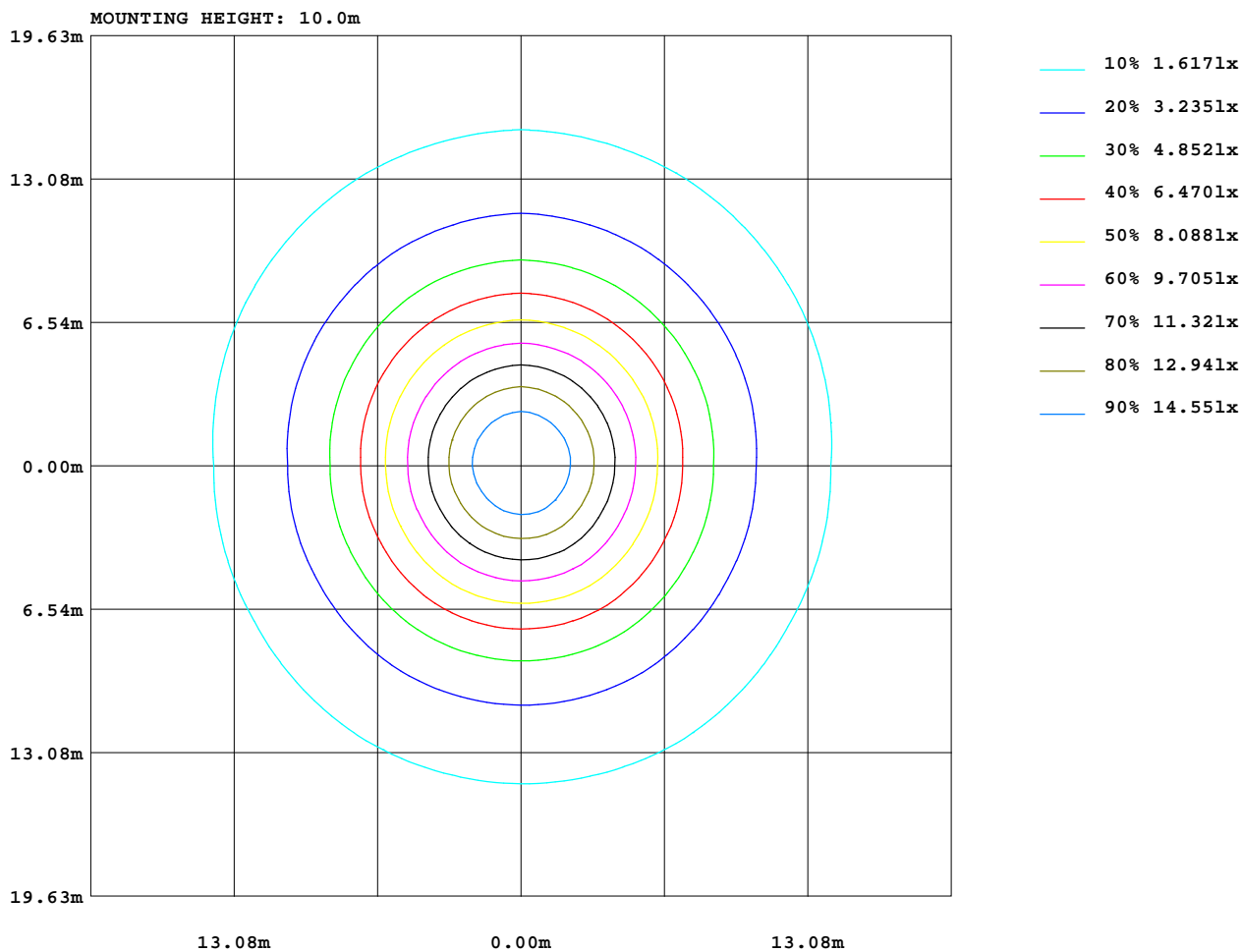
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月08日

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: 120° 42W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月08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: 120° 42W										TYPE:					WEIGHT:					
SPECIFICATION:										DIMENSION: 1500X65mm					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a				
	0.11	0.66	1.72	3.21	4.96	6.90	8.63	9.92	10.8	10.8	9.91	8.61	6.89	4.97	3.25	1.78	0.71	0.13	94.2	88.4						
90																										
80	0.14	0.94	2.58	5.01	7.96	11.1	13.9	16.0	17.4	17.4	16.0	13.9	11.1	8.04	5.08	2.63	1.01	0.16	151	148						
70	0.17	1.25	3.68	7.21	11.3	15.7	19.6	22.5	24.3	24.4	22.5	19.6	15.8	11.4	7.35	3.80	1.33	0.20	213	211						
60	0.21	1.61	4.76	9.27	14.5	20.0	24.9	28.6	30.8	30.8	28.6	25.0	20.1	14.7	9.46	4.88	1.71	0.24	271	270						
50	0.24	1.94	5.72	11.0	17.3	23.8	29.6	34.0	36.5	36.5	34.0	29.7	23.9	17.5	11.3	5.88	2.03	0.27	322	321						
40	0.26	2.24	6.47	12.5	19.6	26.9	33.5	38.6	41.4	41.4	38.7	33.7	27.1	19.9	12.7	6.67	2.31	0.30	365	364						
30	0.28	2.43	7.02	13.6	21.3	29.3	36.5	42.1	45.2	45.2	42.2	36.7	29.6	21.6	13.8	7.25	2.52	0.32	397	397						
	0.29	2.53	7.34	14.2	22.3	30.8	38.4	44.3	47.6	47.6	44.5	38.7	31.1	22.7	14.5	7.58	2.63	0.33	418	417						
	0.29	2.54	7.38	14.3	22.6	31.3	39.2	45.2	48.6	48.6	45.4	39.4	31.6	23.0	14.7	7.65	2.65	0.33	425	425						
	0.29	2.51	7.29	14.2	22.4	30.9	38.8	44.8	48.1	48.2	45.0	39.1	31.3	22.7	14.5	7.57	2.62	0.33	421	421						
	0.28	2.43	7.06	13.7	21.6	29.7	37.2	43.0	46.3	46.5	43.4	37.6	30.2	22.0	14.0	7.34	2.54	0.32	406	405						
-30	0.26	2.27	6.57	12.7	20.0	27.6	34.7	40.1	43.0	43.2	40.5	35.1	28.1	20.5	13.1	6.85	2.38	0.31	378	377						
-40	0.24	2.02	5.86	11.4	17.9	24.8	31.1	35.9	38.5	38.6	36.3	31.6	25.3	18.4	11.7	6.13	2.13	0.28	339	338						
-50	0.21	1.69	4.98	9.67	15.3	21.3	26.8	30.8	32.9	33.1	31.1	27.3	21.8	15.8	10.0	5.23	1.82	0.25	291	290						
-60	0.17	1.33	3.95	7.68	12.3	17.3	21.7	24.9	26.7	26.9	25.3	22.3	17.8	12.8	8.05	4.18	1.47	0.21	236	234						
-70	0.14	0.98	2.80	5.61	9.10	12.8	16.2	18.6	19.9	20.1	18.9	16.7	13.3	9.54	5.99	3.06	1.11	0.17	175	173						
-80	0.11	0.67	1.79	3.52	5.82	8.34	10.5	12.1	13.0	13.1	12.4	11.0	8.81	6.26	3.85	2.01	0.78	0.14	114	110						
-90	0.08	0.45	1.11	2.09	3.38	4.83	6.09	6.97	7.62	7.69	7.16	6.37	5.13	3.64	2.29	1.25	0.53	0.11	66.8	55.3						
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)										20	30	40	50	60	70	80	90
Φ t	3.76	30.5	88.1	171	270	374	468	539	580	581	543	473	380	276	176	91.8	32.3	4.40	5500							
Φ a	0.34	25.3	84.0	168	269	373	468	539	580	581	543	473	379	275	173	88.0	27.5	0.71		5117						

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2018年08月08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: 120° 42W						TYPE:		WEIGHT:		
SPECIFICATION:						DIMENSION: 1500X65mm		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	21.5	23.0	21.9	23.3	23.6	21.9	23.4	22.3	23.7	24.1
3H	23.1	24.4	23.5	24.8	25.2	23.8	25.1	24.2	25.5	25.9
4H	23.7	25.0	24.1	25.4	25.8	24.6	25.9	25.1	26.3	26.7
6H	24.1	25.3	24.6	25.8	26.2	25.5	26.7	25.9	27.1	27.5
8H	24.3	25.5	24.7	25.9	26.3	25.9	27.1	26.4	27.5	28.0
12H	24.4	25.5	24.8	25.9	26.4	26.4	27.5	26.8	27.9	28.4
4H 2H	22.2	23.5	22.6	23.9	24.3	22.5	23.8	23.0	24.2	24.6
3H	23.9	25.1	24.4	25.5	26.0	24.6	25.7	25.1	26.2	26.6
4H	24.7	25.8	25.2	26.2	26.7	25.6	26.7	26.1	27.1	27.6
6H	25.3	26.2	25.8	26.7	27.2	26.6	27.5	27.1	28.0	28.6
8H	25.5	26.4	26.0	26.9	27.4	27.2	28.0	27.7	28.5	29.1
12H	25.7	26.5	26.2	27.0	27.5	27.7	28.5	28.3	29.0	29.6
8H 4H	25.1	26.0	25.7	26.5	27.1	25.9	26.8	26.5	27.3	27.8
6H	25.9	26.6	26.5	27.2	27.8	27.2	27.9	27.7	28.4	29.0
8H	26.2	26.9	26.8	27.4	28.1	27.9	28.5	28.5	29.1	29.7
12H	26.5	27.1	27.1	27.6	28.3	28.6	29.2	29.2	29.8	30.4
12H 4H	25.2	26.0	25.8	26.5	27.1	25.9	26.7	26.5	27.2	27.8
6H	26.1	26.7	26.7	27.3	27.9	27.2	27.9	27.8	28.4	29.1
8H	26.5	27.0	27.1	27.6	28.3	28.0	28.6	28.6	29.2	29.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.4					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 5500 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.9)

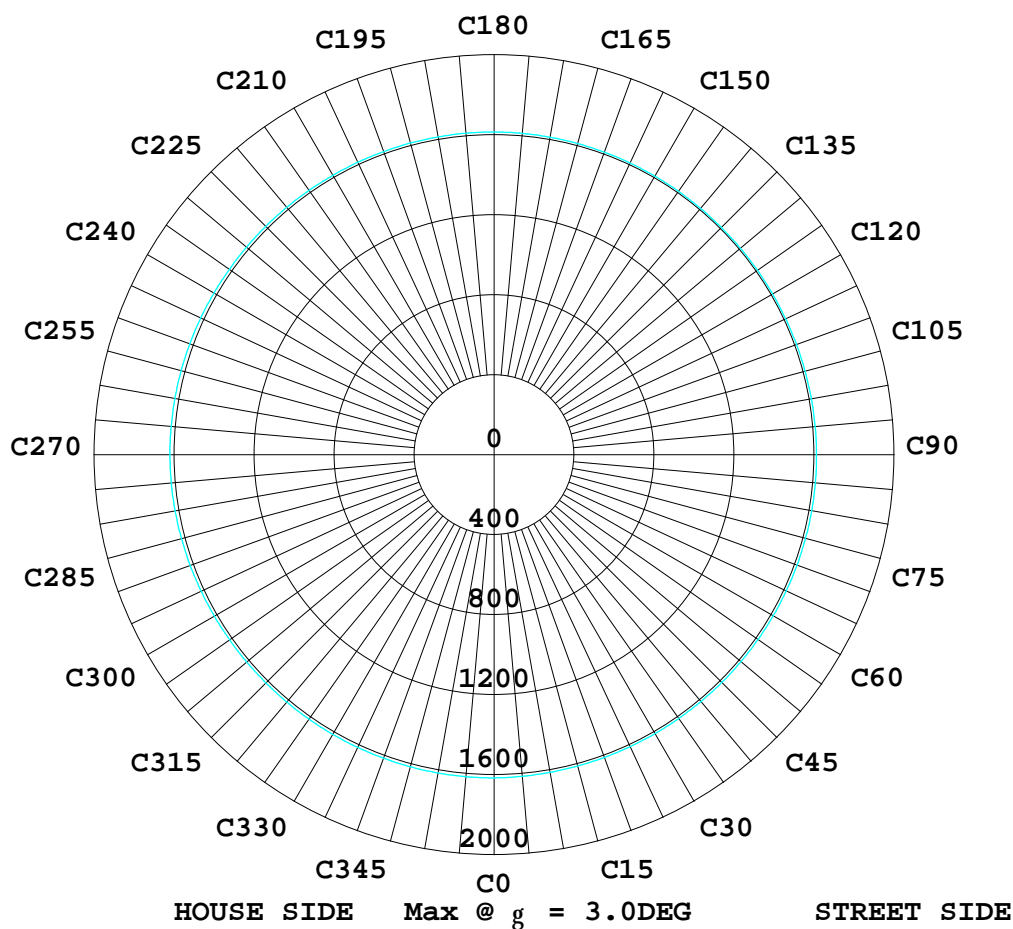
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2018年08月08日

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: 120° 42W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月08日

Test Set: 8.0deg/s C-Gamma (TYPE C)
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