

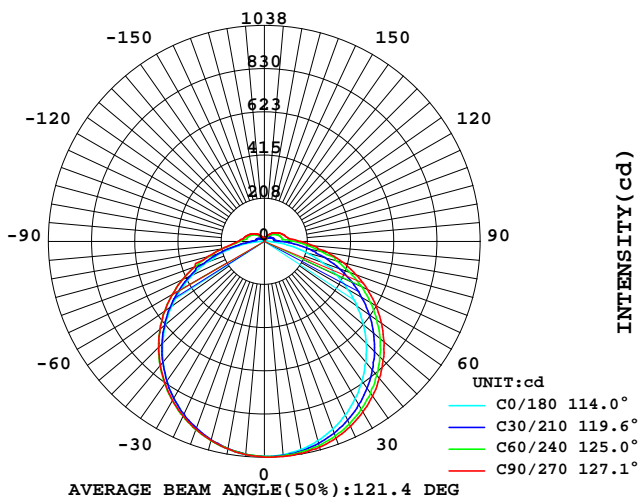
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

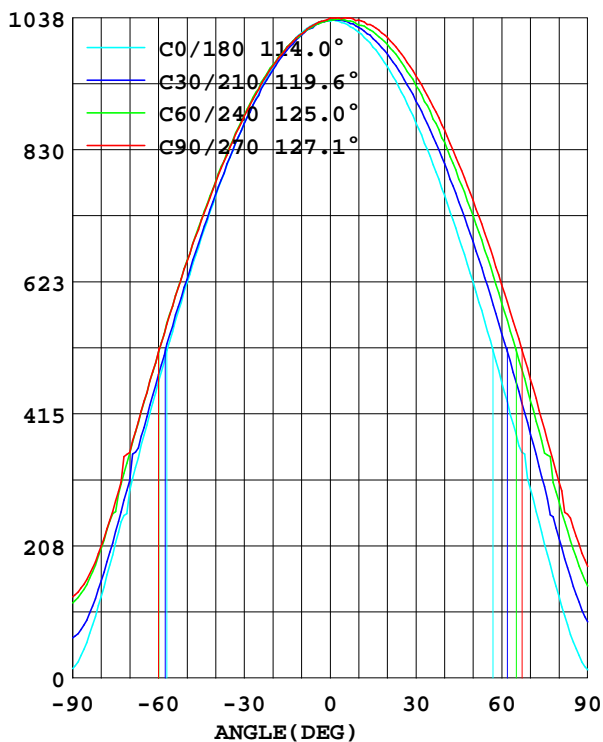
MANUFACTURER:		
Address:		
NAME: 25W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1038	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.27
NOMINAL POWER(W)	24	TOTAL FLUX(lm)	3603.9	Voltage(V)	230.1
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	145.7	Current(A)	0.110
NOMINAL FLUX(lm)	3603.9	h up(%)	7.6	Power(W)	24.74
LAMPS QUANTITY	1	h down(%)	92.4	Power Factor(PF)	0.971
TEST VOLTAGE(V)	230.2	Effective Flux(lm)	3351.4	EEI	0.101

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月09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: 25W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:

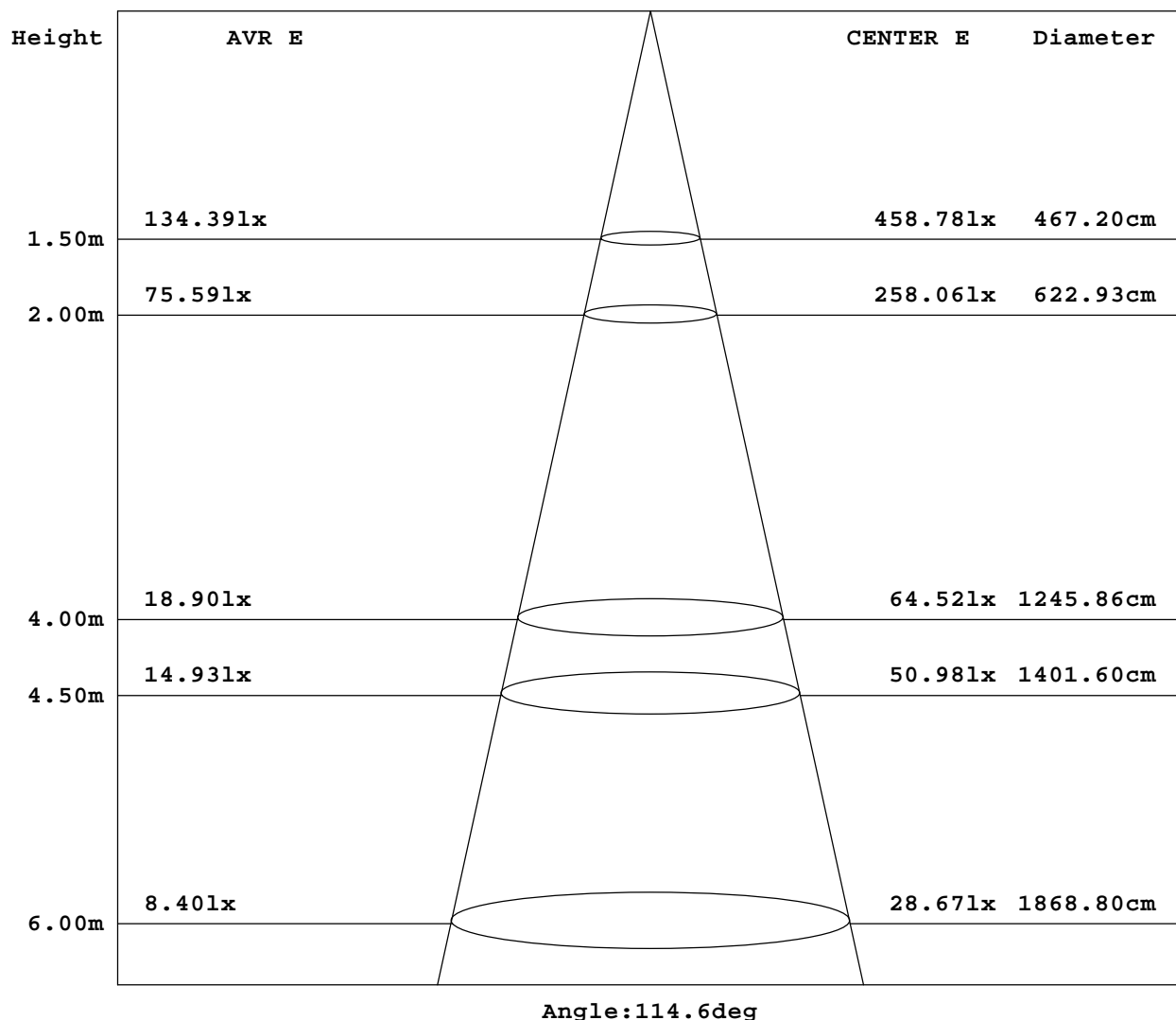
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月09日

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: 25W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:



Test System: HOPOO HPG1800
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018年08月09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: 25W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tStal
5.0	1029	1027	1028	1026	1029	1033	1038	1034	0- 5	24.68	24.68
10.0	1014	1011	1013	1011	1015	1024	1034	1025	5- 10	73.27	97.95
15.0	991.5	989.6	991.1	987.9	991.4	1010	1024	1008	10- 15	119.6	217.6
20.0	959.1	959.4	961.5	957.5	960.9	988.3	1007	986.4	15- 20	162.4	380.1
25.0	917.7	920.8	924.9	918.8	920.5	958.0	980.8	954.4	20- 25	200.3	580.4
30.0	872.4	878.0	883.0	875.0	872.4	919.2	946.5	915.0	25- 30	232.0	812.5
35.0	817.9	826.7	834.0	823.0	819.5	875.6	906.7	870.5	30- 35	256.6	1069
40.0	756.6	769.6	778.1	765.2	758.4	824.9	860.7	816.8	35- 40	273.5	1343
45.0	692.6	708.0	719.5	704.2	691.7	766.3	807.6	758.0	40- 45	282.3	1625
50.0	621.2	640.8	654.3	635.9	622.3	706.2	751.0	696.1	45- 50	282.7	1908
55.0	544.1	568.5	584.3	562.5	544.2	638.5	687.0	626.4	50- 55	274.8	2183
60.0	466.3	494.4	512.9	487.9	465.0	565.3	617.9	552.7	55- 60	258.6	2441
65.0	381.9	413.8	435.4	407.5	384.0	490.6	546.5	476.6	60- 65	234.6	2676
70.0	294.7	331.6	354.4	325.0	297.2	409.2	468.9	395.0	65- 70	204.6	2881
75.0	213.2	245.8	278.6	240.1	209.9	327.2	391.3	306.1	70- 75	167.7	3048
80.0	128.0	178.2	207.3	168.4	129.2	249.0	308.7	232.3	75- 80	129.0	3177
85.0	55.78	118.7	154.6	106.6	56.50	172.7	236.0	156.1	80- 85	90.60	3268
90.0	14.88	90.56	127.7	76.41	12.58	116.4	175.3	100.6	85- 90	60.60	3329
95.0	9.317	77.74	114.4	65.15	5.082	79.86	132.7	67.27	90- 95	43.92	3372
100.0	8.228	64.61	100.0	53.05	5.445	66.91	112.5	57.83	95-100	33.68	3406
105.0	8.470	62.31	94.13	51.84	5.203	65.15	104.7	56.20	100-105	31.16	3437
110.0	7.986	58.26	87.60	48.64	5.808	61.64	97.40	52.51	105-110	28.86	3466
115.0	7.502	53.42	80.10	45.55	6.171	57.41	90.14	48.46	110-115	26.07	3492
120.0	7.865	47.85	73.81	41.68	6.655	52.63	82.03	43.31	115-120	22.99	3515
125.0	8.228	42.77	66.06	37.63	7.018	47.85	74.41	37.99	120-125	19.82	3535
130.0	8.712	37.08	58.44	33.81	7.502	42.71	65.94	33.09	125-130	16.71	3552
135.0	8.712	31.70	51.30	30.12	7.744	37.81	58.56	28.55	130-135	13.77	3566
140.0	8.833	26.74	44.52	25.89	8.349	32.91	50.82	24.92	135-140	11.06	3577
145.0	9.317	22.92	36.54	21.84	8.470	27.58	43.07	21.59	140-145	8.614	3585
150.0	9.559	18.87	30.00	18.57	8.712	23.05	35.45	18.33	145-150	6.482	3592
155.0	9.922	15.73	23.71	14.52	8.712	18.57	28.43	15.54	150-155	4.666	3596
160.0	10.04	12.88	18.15	12.64	9.438	14.70	21.65	12.58	155-160	3.199	3600
165.0	10.04	11.01	13.43	10.64	9.922	11.79	15.73	10.88	160-165	2.077	3602
170.0	10.04	10.10	9.559	9.740	9.679	9.982	11.37	9.801	165-170	1.256	3603
175.0	10.52	9.982	9.679	9.740	9.559	10.16	10.52	10.10	170-175	0.717	3604
180.0	10.28	10.10	9.317	9.801	10.28	9.861	10.28	9.921	175-180	0.240	3604
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2018年08月09日

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

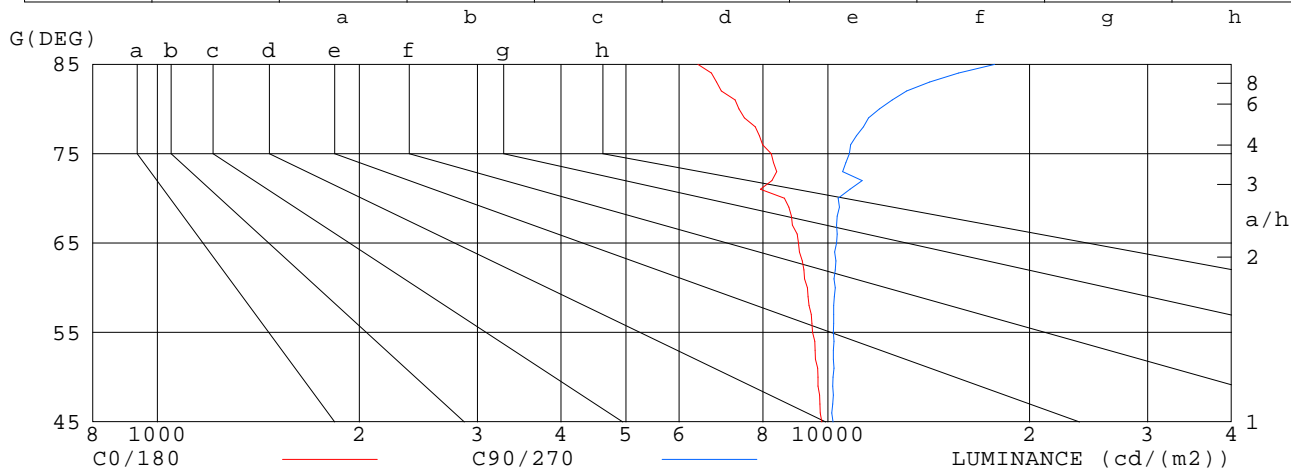
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: 25W 120°	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	6400	17743
80	7372	11943
75	8237	10767
70	8618	10362
65	9039	10304
60	9327	10258
55	9487	10187
50	9664	10180
45	9795	10176

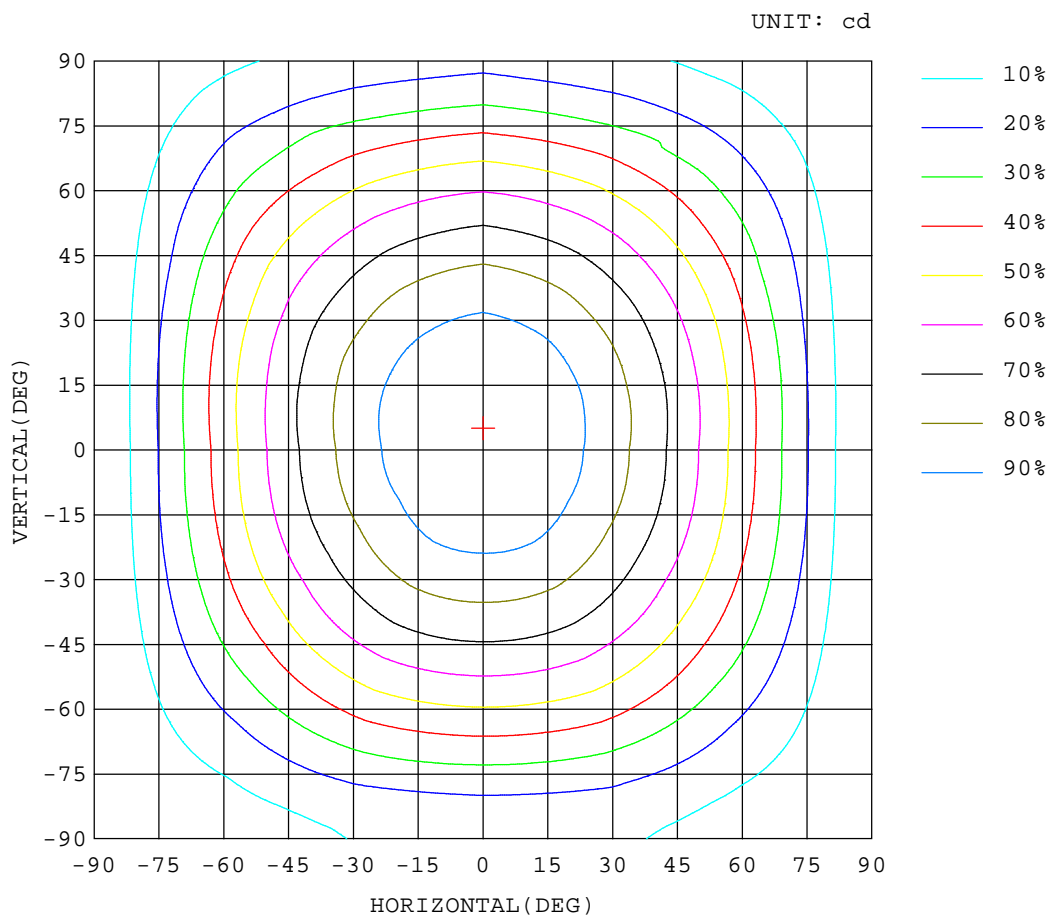
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月09日

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: 25W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:



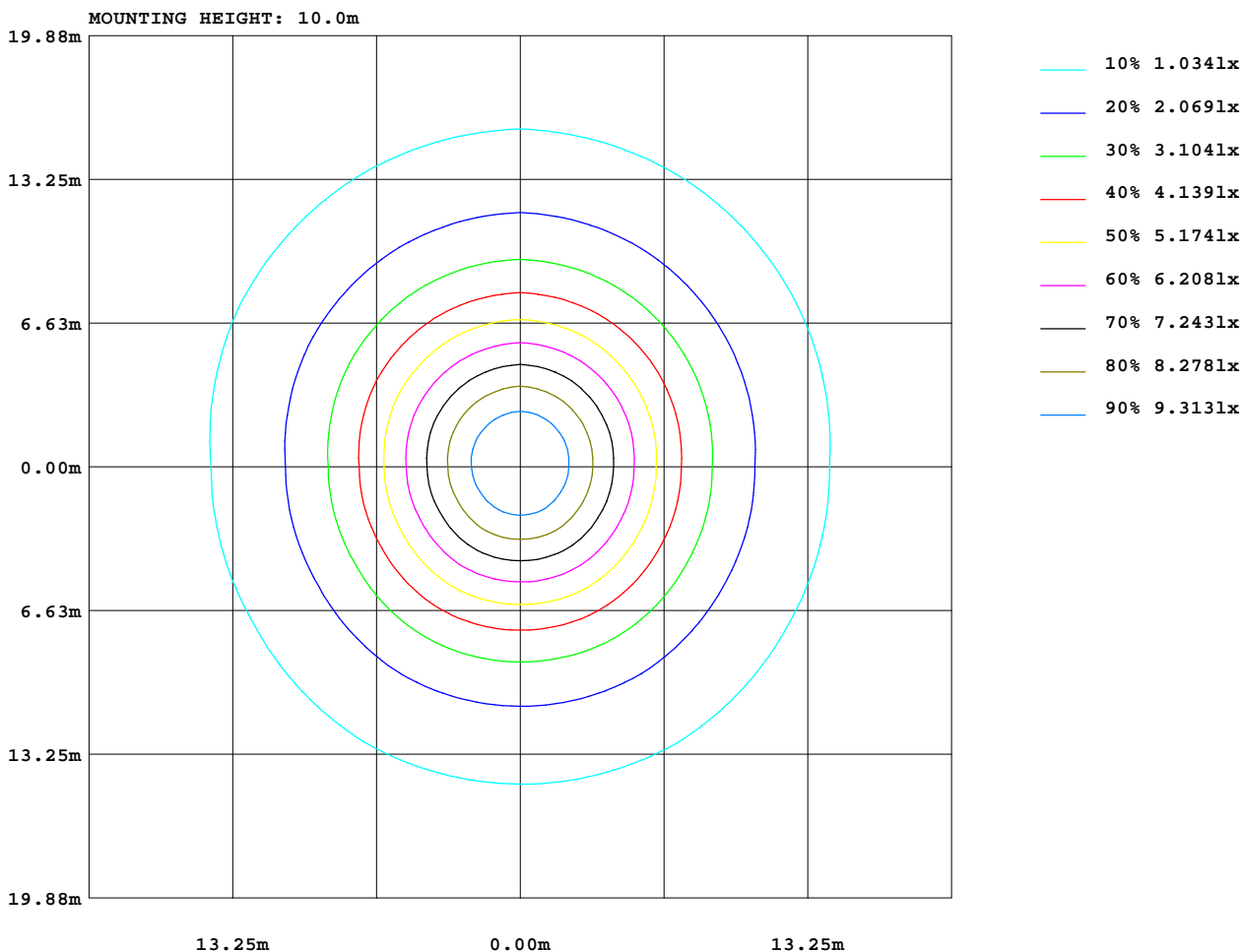
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月09日

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: 25W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月09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: 25W 120°										TYPE:					WEIGHT:					
SPECIFICATION:										DIMENSION: 1500X65mm					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.09	0.49	1.24	2.23	3.35	4.54	5.60	6.39	6.97	6.91	6.21	5.31	4.20	3.00	1.91	1.02	0.41	0.08	60.0	56.2		
90																						
80	0.11	0.70	1.90	3.59	5.52	7.57	9.39	10.7	11.6	11.5	10.5	9.12	7.22	5.15	3.25	1.68	0.62	0.10	100	99.0		
70	0.13	0.94	2.63	5.03	7.80	10.6	13.2	15.1	16.3	16.2	14.9	12.9	10.3	7.43	4.66	2.44	0.86	0.12	142	141		
60	0.16	1.17	3.32	6.46	9.98	13.5	16.7	19.1	20.5	20.5	19.0	16.5	13.2	9.63	6.12	3.11	1.11	0.15	181	180		
50	0.18	1.38	3.97	7.67	11.8	16.0	19.7	22.5	24.2	24.1	22.4	19.6	15.7	11.5	7.37	3.77	1.33	0.17	214	214		
40	0.20	1.56	4.50	8.59	13.3	18.0	22.2	25.4	27.1	27.1	25.3	22.0	17.7	13.0	8.36	4.32	1.51	0.19	241	241		
30	0.21	1.69	4.85	9.24	14.3	19.5	24.0	27.5	29.4	29.3	27.4	23.9	19.2	14.1	9.08	4.71	1.65	0.21	261	261		
	0.22	1.75	5.04	9.60	14.9	20.3	25.1	28.7	30.7	30.7	28.7	25.0	20.2	14.8	9.51	4.95	1.71	0.22	273	272		
	0.22	1.75	5.06	9.65	15.0	20.5	25.4	29.2	31.1	31.1	29.1	25.4	20.4	14.9	9.61	5.00	1.72	0.22	276	276		
	0.21	1.73	4.98	9.50	14.8	20.2	25.1	28.8	30.8	30.8	28.8	25.1	20.2	14.8	9.52	4.95	1.70	0.21	273	273		
	0.21	1.67	4.81	9.18	14.3	19.5	24.1	27.8	29.8	29.8	27.8	24.2	19.5	14.3	9.22	4.80	1.66	0.21	263	263		
-30	0.20	1.55	4.47	8.54	13.3	18.1	22.6	26.1	27.8	27.8	26.1	22.7	18.3	13.4	8.62	4.47	1.56	0.20	246	246		
-40	0.18	1.38	3.99	7.61	11.9	16.4	20.5	23.5	25.0	25.1	23.6	20.6	16.5	12.0	7.72	4.01	1.40	0.18	222	222		
-50	0.15	1.16	3.34	6.47	10.2	14.1	17.7	20.3	21.6	21.6	20.3	17.8	14.3	10.3	6.62	3.40	1.19	0.16	191	191		
-60	0.13	0.92	2.62	5.12	8.24	11.5	14.4	16.5	17.6	17.6	16.5	14.5	11.6	8.43	5.30	2.70	0.96	0.14	155	154		
-70	0.10	0.67	1.86	3.66	6.00	8.50	10.7	12.2	13.0	13.0	12.3	10.8	8.67	6.16	3.82	1.97	0.72	0.11	115	113		
-80	0.08	0.45	1.16	2.27	3.78	5.41	6.84	7.85	8.45	8.48	7.94	6.99	5.59	3.98	2.46	1.29	0.51	0.09	73.6	70.7		
-90	0.06	0.29	0.66	1.25	2.09	3.05	3.84	4.36	4.72	4.78	4.52	4.09	3.33	2.37	1.51	0.84	0.36	0.07	42.2	34.8		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)													
Φ t	2.83	21.3	60.4	116	181	248	308	353	377	377	352	307	247	180	115	59.5	21.0	2.83	3604			
Φ a	0.59	18.4	58.1	114	180	247	308	353	377	377	352	307	247	179	113	56.9	18.0	0.55			3351	

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2018年08月09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: 25W 120°						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	20.0	21.5	20.4	21.8	22.2	20.5	21.9	20.8	22.3	22.6
3H	21.6	22.9	22.0	23.3	23.7	22.3	23.6	22.7	24.0	24.4
4H	22.2	23.5	22.6	23.9	24.3	23.1	24.4	23.5	24.8	25.2
6H	22.7	23.9	23.1	24.3	24.7	23.9	25.1	24.3	25.5	26.0
8H	22.8	24.0	23.3	24.4	24.9	24.3	25.4	24.7	25.9	26.3
12H	22.9	24.0	23.4	24.5	24.9	24.7	25.8	25.2	26.3	26.7
4H 2H	20.7	22.0	21.1	22.4	22.8	21.1	22.3	21.5	22.7	23.2
3H	22.5	23.6	22.9	24.0	24.5	23.1	24.2	23.6	24.7	25.1
4H	23.2	24.3	23.7	24.7	25.2	24.1	25.1	24.6	25.6	26.1
6H	23.8	24.8	24.3	25.2	25.8	25.0	25.9	25.5	26.4	27.0
8H	24.0	24.9	24.6	25.4	25.9	25.5	26.4	26.0	26.9	27.4
12H	24.2	25.0	24.7	25.5	26.1	26.0	26.8	26.6	27.4	27.9
8H 4H	23.6	24.5	24.2	25.0	25.5	24.4	25.2	24.9	25.7	26.3
6H	24.4	25.1	25.0	25.7	26.3	25.6	26.3	26.1	26.8	27.4
8H	24.7	25.4	25.3	25.9	26.5	26.2	26.8	26.8	27.4	28.0
12H	25.0	25.5	25.6	26.1	26.8	26.9	27.5	27.5	28.1	28.7
12H 4H	23.7	24.5	24.2	25.0	25.6	24.4	25.2	24.9	25.7	26.3
6H	24.6	25.2	25.1	25.8	26.4	25.6	26.3	26.2	26.8	27.4
8H	25.0	25.5	25.6	26.1	26.7	26.4	26.9	27.0	27.5	28.1
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 3604 lm Total Lamp Luminous Flux.(8log(F/F0) = 4.5)

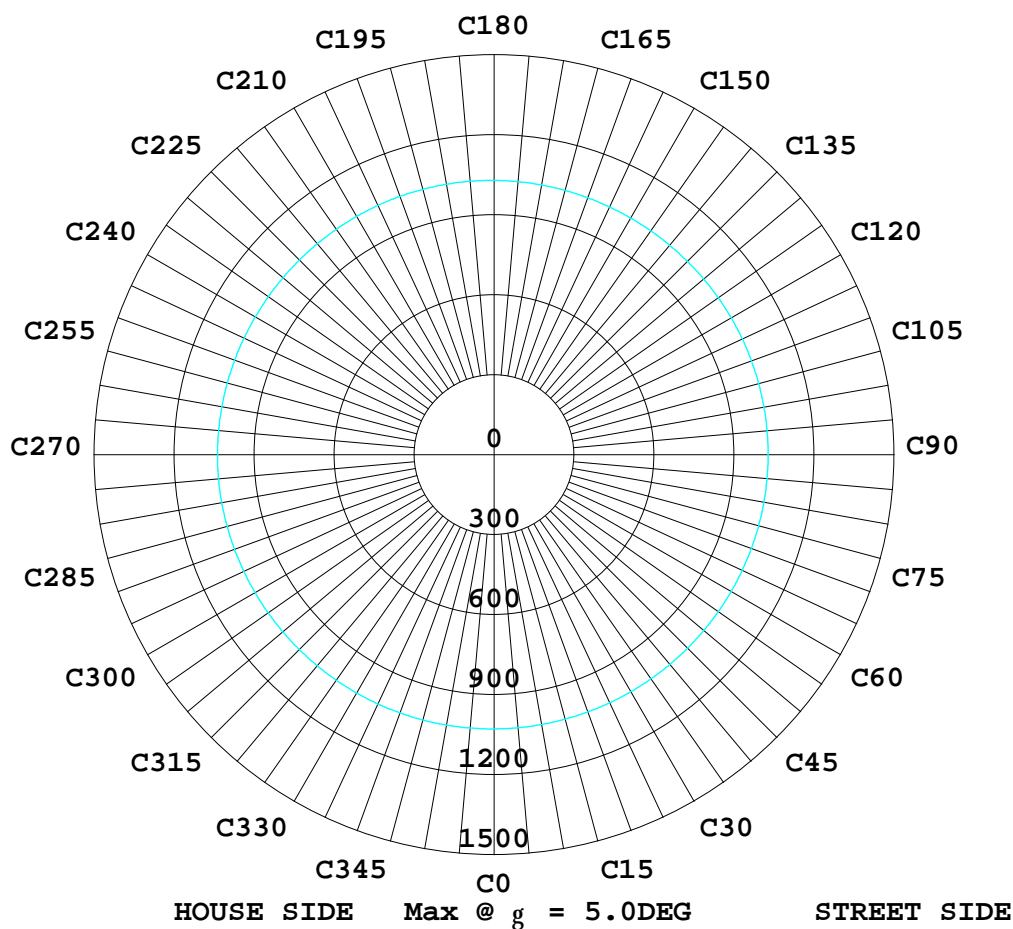
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2018年08月09日

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: 25W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月09日

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