

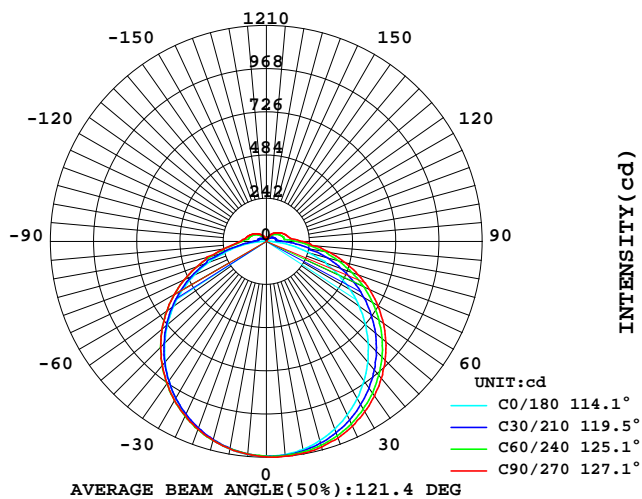
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

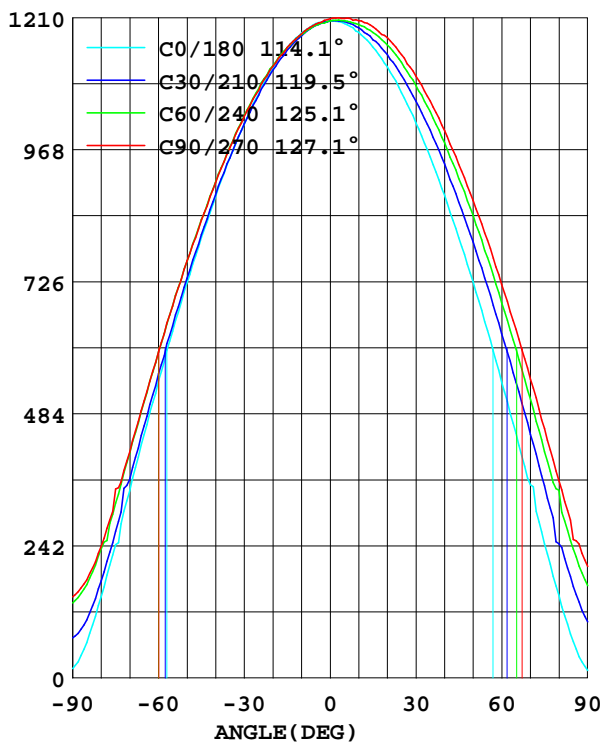
MANUFACTURER:		
Address:		
NAME: 30W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1210	S/MH(C0/180)	1.25
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.27
NOMINAL POWER(W)	30	TOTAL FLUX(lm)	4201.6	Voltage(V)	230.1
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	143.6	Current(A)	0.129
NOMINAL FLUX(lm)	4201.6	h up(%)	7.7	Power(W)	29.26
LAMPS QUANTITY	1	h down(%)	92.3	Power Factor(PF)	0.982
TEST VOLTAGE(V)	230.2	Effective Flux(lm)	3905.6	EEI	0.102

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: 30W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:

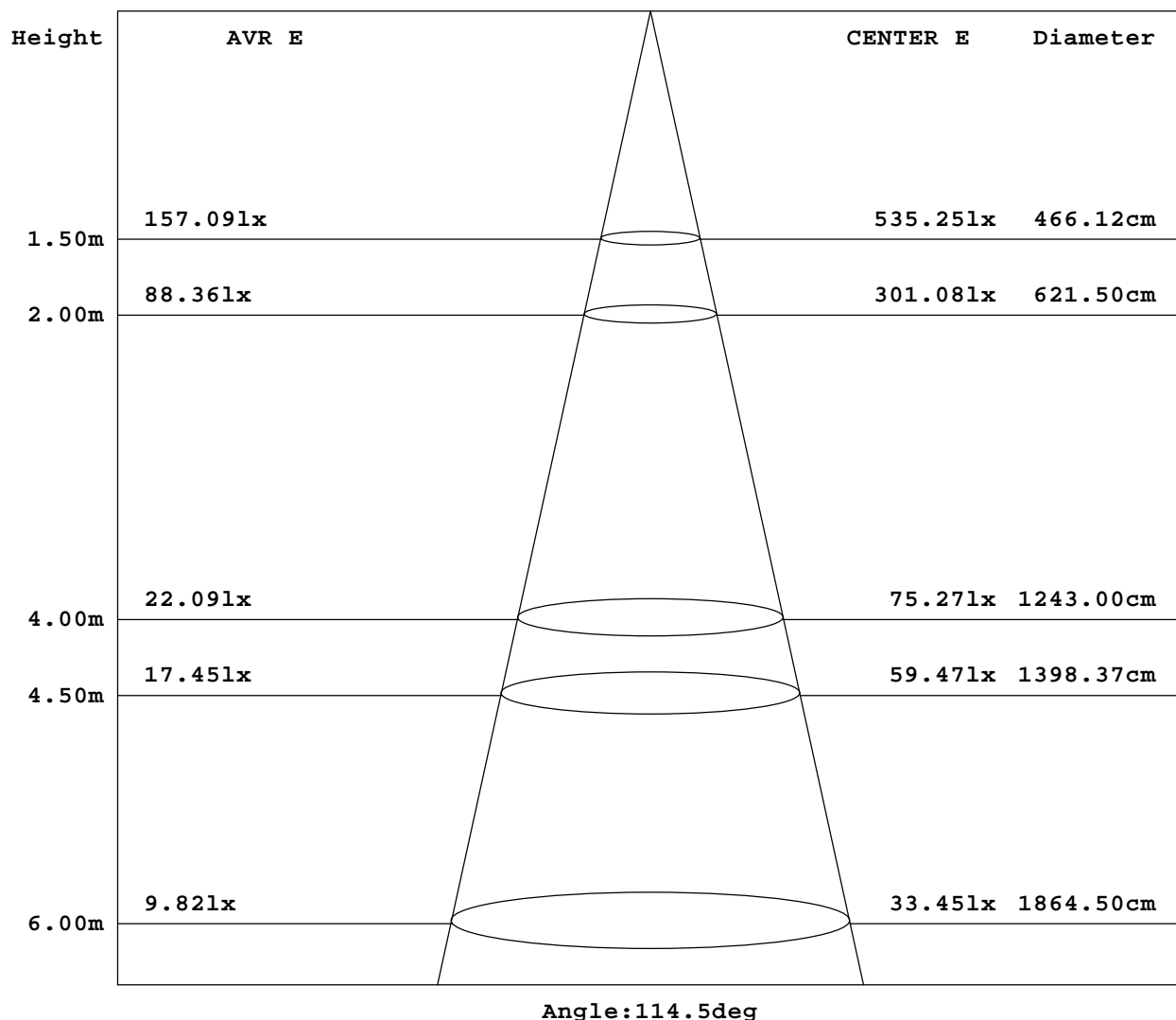
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月09日

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: 30W 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: 30W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	tStal
5.0	1199	1196	1198	1196	1199	1204	1209	1203	0- 5	28.74	28.74
10.0	1182	1178	1180	1178	1183	1195	1205	1193	5- 10	85.37	114.1
15.0	1155	1153	1155	1151	1156	1176	1193	1175	10- 15	139.4	253.5
20.0	1117	1117	1121	1114	1120	1151	1173	1148	15- 20	189.2	442.8
25.0	1070	1074	1076	1070	1073	1116	1142	1112	20- 25	233.4	676.2
30.0	1015	1023	1029	1019	1017	1072	1103	1066	25- 30	270.3	946.5
35.0	953.1	963.0	971.3	958.6	954.3	1021	1057	1014	30- 35	299.0	1246
40.0	881.3	896.4	907.1	891.2	884.1	960.9	1003	952.1	35- 40	318.7	1564
45.0	807.4	826.3	838.8	820.2	806.7	893.6	941.0	882.8	40- 45	328.9	1893
50.0	723.9	747.7	763.7	740.5	726.0	823.5	874.7	811.5	45- 50	329.4	2223
55.0	634.7	663.3	681.4	655.6	636.5	744.2	801.9	731.1	50- 55	320.2	2543
60.0	544.6	577.5	597.2	568.5	542.3	659.3	720.9	644.6	55- 60	301.5	2845
65.0	445.7	483.9	507.4	474.8	448.4	572.5	638.7	556.5	60- 65	273.7	3118
70.0	343.0	387.6	413.6	378.6	354.0	478.5	547.4	461.2	65- 70	238.1	3357
75.0	244.2	294.6	346.0	285.6	245.7	383.4	457.1	365.1	70- 75	196.4	3553
80.0	149.4	207.5	241.5	196.5	151.3	294.9	361.3	271.2	75- 80	149.6	3703
85.0	65.09	138.7	179.9	124.4	66.30	201.7	253.8	182.4	80- 85	105.8	3808
90.0	17.06	105.5	148.5	88.69	13.79	135.8	204.1	117.6	85- 90	70.52	3879
95.0	10.52	91.05	133.5	75.92	6.171	93.41	154.7	78.83	90- 95	51.28	3930
100.0	10.04	75.56	116.7	62.31	6.292	78.46	131.5	67.69	95-100	39.35	3970
105.0	9.559	72.84	110.2	60.37	6.776	76.10	122.3	65.52	100-105	36.41	4006
110.0	9.801	67.94	102.2	56.86	6.776	72.29	114.1	61.70	105-110	33.76	4040
115.0	9.559	62.67	93.29	52.99	7.381	67.03	104.9	56.62	110-115	30.50	4070
120.0	9.438	56.08	85.90	48.88	8.228	61.89	95.83	50.88	115-120	26.93	4097
125.0	9.922	49.97	77.56	44.28	8.591	56.08	86.75	44.76	120-125	23.27	4121
130.0	10.64	43.31	68.72	39.68	8.712	50.09	77.07	38.65	125-130	19.61	4140
135.0	10.76	36.96	60.37	35.33	9.317	44.70	68.36	33.75	130-135	16.16	4156
140.0	10.89	31.82	52.15	30.25	9.801	38.35	59.16	29.58	135-140	13.01	4169
145.0	10.76	27.22	42.95	25.77	10.40	32.73	50.57	25.41	140-145	10.15	4179
150.0	11.13	22.56	35.09	21.84	10.40	27.40	41.62	21.96	145-150	7.640	4187
155.0	11.97	18.93	28.19	17.84	10.76	22.14	33.51	18.21	150-155	5.533	4193
160.0	12.10	15.48	21.53	14.88	11.49	17.30	25.65	15.00	155-160	3.818	4196
165.0	12.22	13.30	15.85	12.64	11.73	14.15	18.63	13.00	160-165	2.477	4199
170.0	11.73	11.97	11.73	11.97	11.73	12.28	13.55	12.03	165-170	1.514	4200
175.0	12.10	12.03	11.37	12.03	12.10	12.34	12.58	11.97	170-175	0.863	4201
180.0	11.85	12.28	11.61	12.22	11.97	11.97	12.46	11.97	175-180	0.288	4202
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:

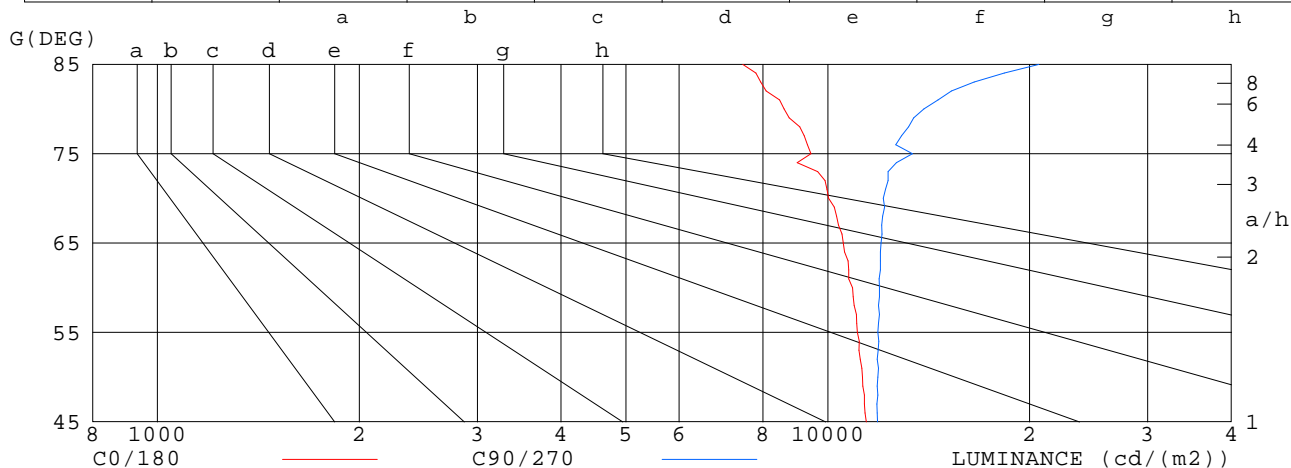
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: 30W 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	7469	20644
80	8606	13908
75	9439	13371
70	10030	12096
65	10548	12008
60	10892	11945
55	11067	11881
50	11263	11882
45	11419	11864

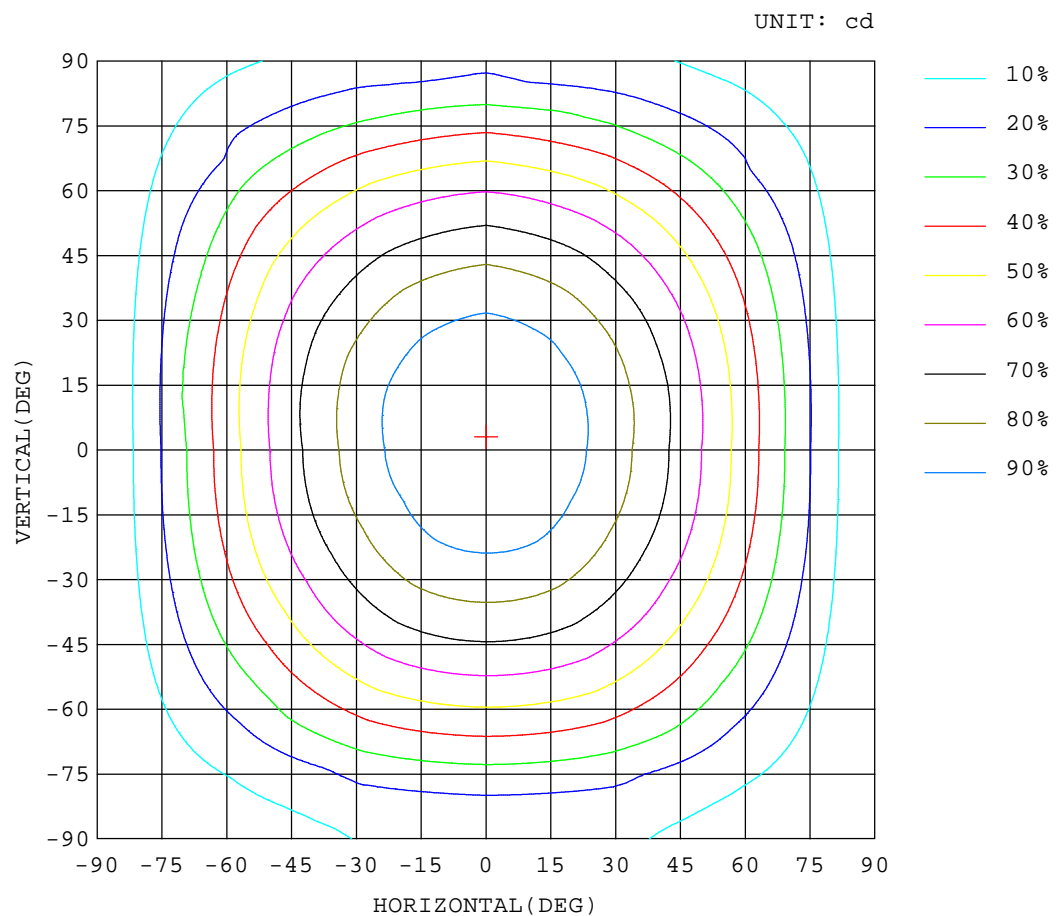
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月09日

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: 30W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:



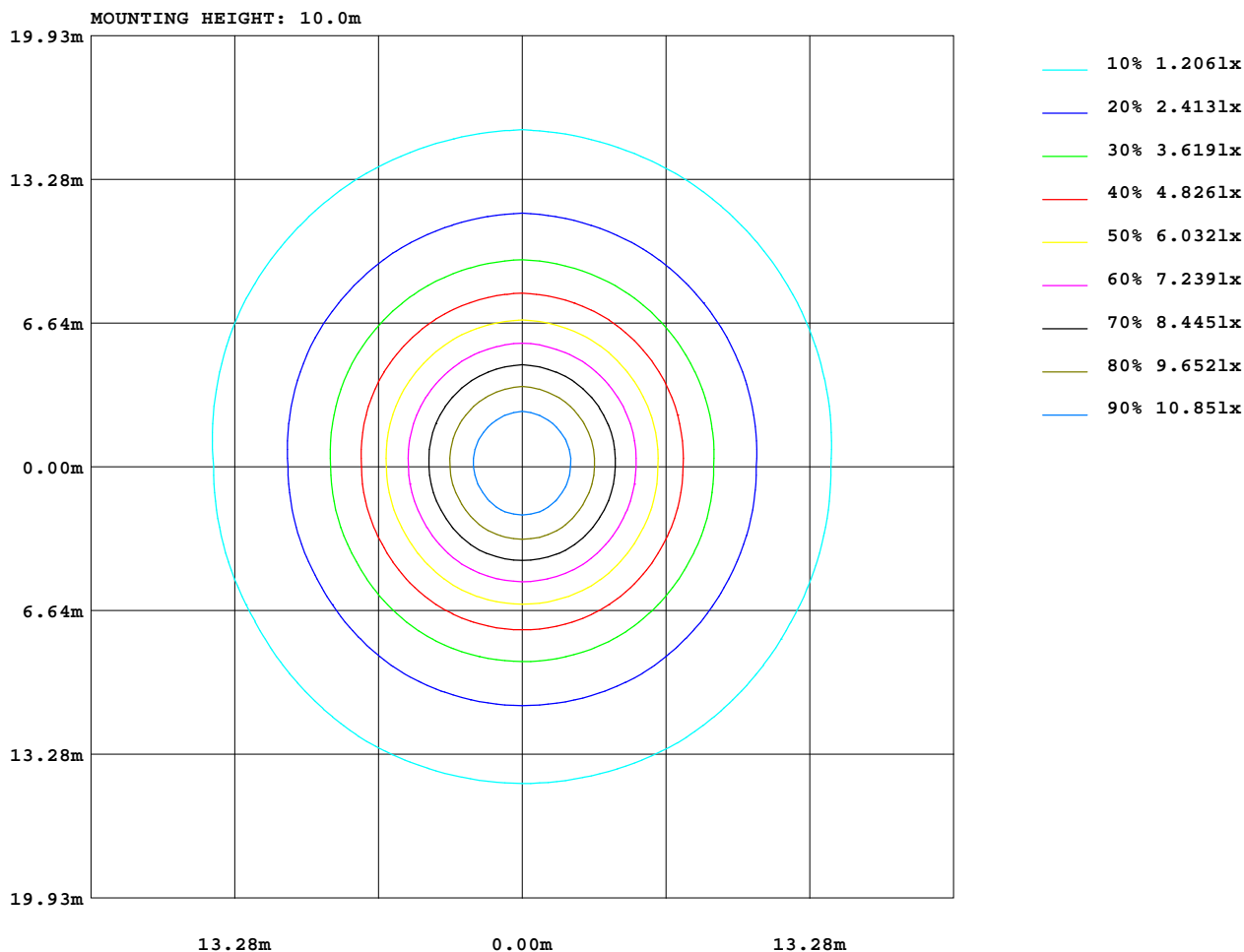
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月09日

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: 30W 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: 30W 120°										TYPE:					WEIGHT:					
SPECIFICATION:										DIMENSION: 1500X65mm					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.10	0.57	1.44	2.61	3.91	5.31	6.54	7.46	8.12	8.04	7.23	6.19	4.90	3.50	2.23	1.20	0.48	0.09	70.0	65.6		
90	0.13	0.81	2.21	4.13	6.38	8.80	10.9	12.5	13.5	13.5	12.3	10.6	8.42	5.99	3.78	1.96	0.72	0.12	117	115		
80	0.16	1.09	3.00	5.86	9.11	12.4	15.4	17.6	19.0	18.9	17.4	15.1	12.0	8.70	5.45	2.80	1.00	0.14	166	165		
70	0.19	1.35	3.89	7.54	11.6	15.8	19.5	22.3	23.9	23.9	22.1	19.2	15.4	11.2	7.15	3.65	1.28	0.17	211	210		
60	0.21	1.61	4.65	8.93	13.8	18.6	23.0	26.3	28.2	28.1	26.2	22.8	18.3	13.4	8.60	4.43	1.54	0.20	249	249		
50	0.23	1.82	5.25	10.0	15.5	21.0	25.9	29.6	31.6	31.6	29.5	25.7	20.7	15.1	9.75	5.06	1.75	0.23	281	280		
40	0.25	1.97	5.66	10.7	16.7	22.7	28.0	32.0	34.2	34.2	31.9	27.8	22.4	16.4	10.5	5.52	1.91	0.24	304	304		
30	0.26	2.06	5.87	11.2	17.4	23.7	29.3	33.5	35.8	35.7	33.4	29.1	23.5	17.2	11.0	5.78	2.00	0.25	318	317		
	0.25	2.07	5.88	11.2	17.5	23.9	29.6	34.0	36.3	36.3	33.9	29.6	23.8	17.4	11.2	5.84	2.02	0.25	321	321		
	0.25	2.04	5.78	11.0	17.2	23.6	29.3	33.5	35.9	35.9	33.6	29.3	23.6	17.2	11.1	5.78	2.00	0.25	318	318		
	0.24	1.96	5.60	10.7	16.6	22.7	28.1	32.4	34.7	34.7	32.5	28.2	22.8	16.7	10.7	5.60	1.94	0.25	307	307		
-30	0.23	1.81	5.22	9.97	15.5	21.1	26.3	30.3	32.4	32.4	30.4	26.5	21.3	15.6	10.0	5.24	1.81	0.23	287	287		
-40	0.21	1.61	4.65	8.89	13.8	19.1	23.8	27.4	29.2	29.2	27.5	24.0	19.3	14.0	9.01	4.69	1.62	0.21	259	258		
-50	0.18	1.36	3.93	7.53	11.9	16.5	20.6	23.6	25.2	25.2	23.7	20.8	16.7	12.1	7.69	3.99	1.39	0.19	223	222		
-60	0.15	1.07	3.06	6.00	9.59	13.4	16.8	19.2	20.5	20.5	19.3	17.0	13.6	9.79	6.21	3.16	1.12	0.16	181	180		
-70	0.12	0.79	2.18	4.26	7.01	9.90	12.4	14.2	15.2	15.2	14.3	12.6	10.1	7.25	4.47	2.30	0.84	0.13	134	132		
-80	0.09	0.53	1.35	2.65	4.35	6.22	7.89	9.08	9.81	9.86	9.23	8.13	6.49	4.61	2.87	1.51	0.59	0.11	85.4	82.0		
-90	0.07	0.34	0.77	1.46	2.44	3.54	4.47	5.08	5.51	5.57	5.27	4.77	3.88	2.77	1.76	0.98	0.42	0.09	49.2	40.6		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)													
	20	30	40	50	60	70	80	90														
Φ t	3.31	24.9	70.4	135	211	289	359	411	440	440	410	358	288	210	134	69.5	24.4	3.30	4202			
Φ a	0.70	21.5	67.8	133	209	288	359	411	440	440	410	358	288	208	131	66.5	21.0	0.64		3906		

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: 30W 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	20.5	22.0	20.9	22.4	22.7	21.0	22.4	21.4	22.8	23.1	
	3H	22.1	23.5	22.5	23.9	24.3	22.8	24.2	23.2	24.5	24.9
	4H	22.7	24.0	23.2	24.4	24.8	23.7	24.9	24.1	25.3	25.8
	6H	23.2	24.4	23.7	24.8	25.3	24.4	25.6	24.9	26.1	26.5
	8H	23.4	24.5	23.8	25.0	25.4	24.8	26.0	25.3	26.4	26.9
	12H	23.4	24.6	23.9	25.0	25.5	25.2	26.4	25.7	26.8	27.3
4H	2H	21.2	22.5	21.7	22.9	23.3	21.6	22.9	22.0	23.3	23.7
	3H	23.0	24.1	23.5	24.6	25.0	23.6	24.7	24.1	25.2	25.6
	4H	23.8	24.8	24.2	25.2	25.7	24.6	25.7	25.1	26.1	26.6
	6H	24.4	25.3	24.9	25.8	26.3	25.6	26.5	26.1	27.0	27.5
	8H	24.6	25.4	25.1	25.9	26.5	26.0	26.9	26.6	27.4	28.0
	12H	24.7	25.5	25.3	26.0	26.6	26.6	27.4	27.1	27.9	28.5
8H	4H	24.2	25.0	24.7	25.5	26.1	24.9	25.8	25.4	26.3	26.8
	6H	24.9	25.7	25.5	26.2	26.8	26.1	26.8	26.6	27.3	27.9
	8H	25.3	25.9	25.8	26.5	27.1	26.7	27.4	27.3	27.9	28.5
	12H	25.5	26.1	26.1	26.7	27.3	27.5	28.0	28.1	28.6	29.2
12H	4H	24.2	25.0	24.8	25.5	26.1	24.9	25.7	25.5	26.2	26.8
	6H	25.1	25.7	25.7	26.3	26.9	26.2	26.8	26.7	27.4	28.0
	8H	25.5	26.0	26.1	26.6	27.3	26.9	27.4	27.5	28.0	28.7
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 / - 0.3					
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.4					

CIE Pub.117 Corrected 4202 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.0)

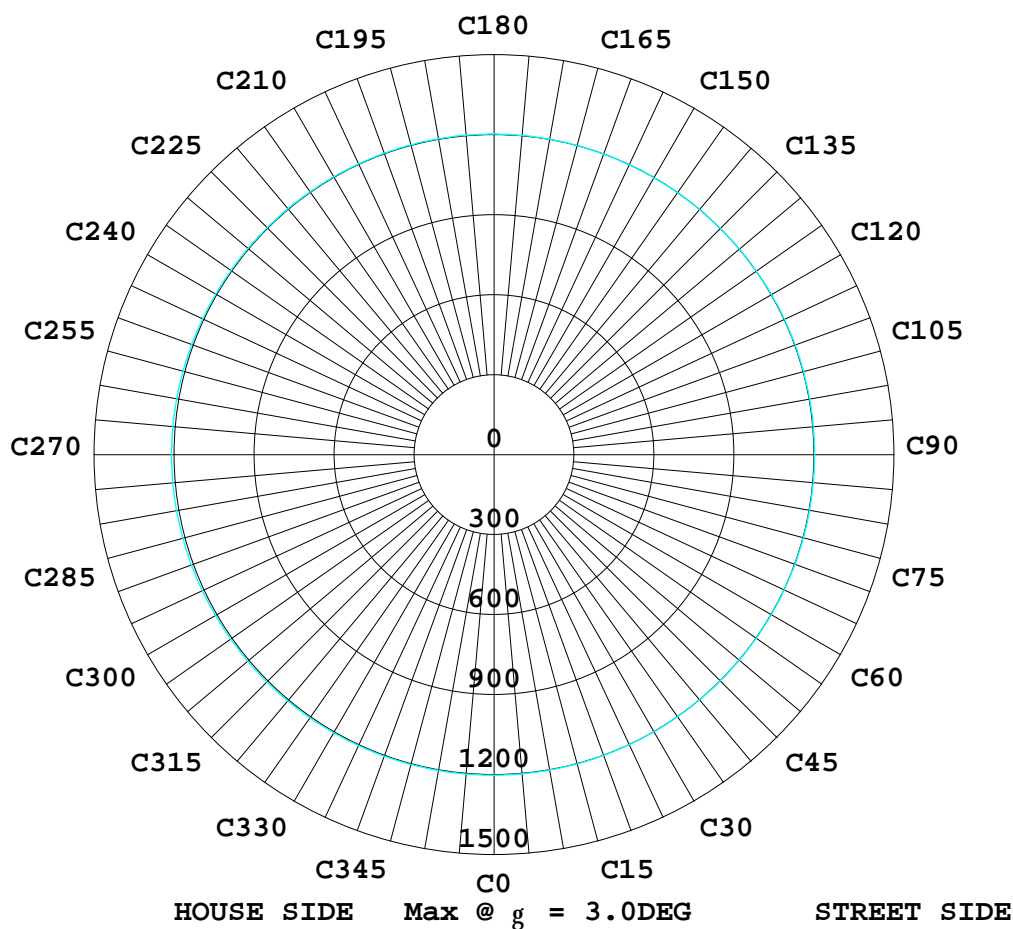
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 Temperature:25.3DEG
 Operators:
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Test Set: 8.0deg/s C-Gamma (TYPE C)
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ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 30W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:



Test System:HOPOO HPG1800
Temperature:25.3DEG
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