

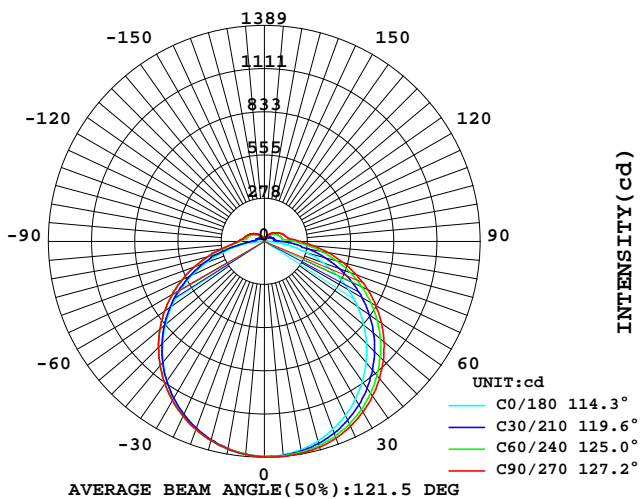
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

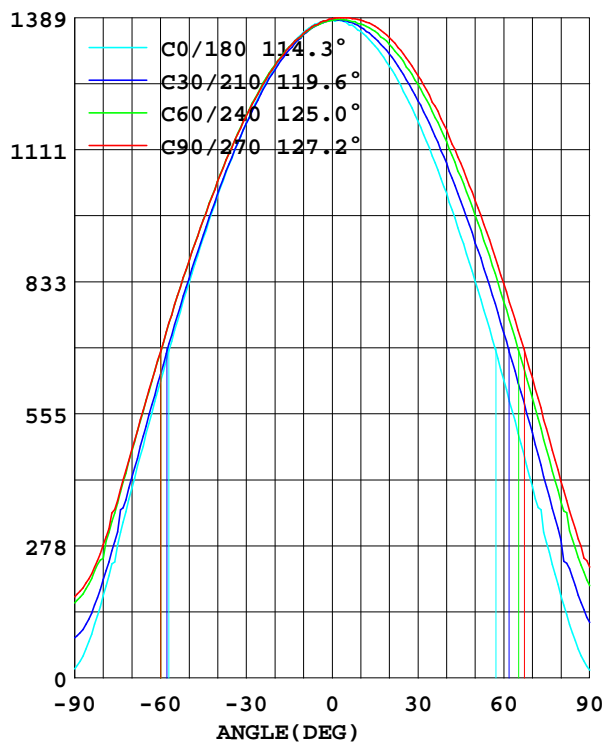
MANUFACTURER:		
Address:		
NAME: 35W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	1389	S/MH(C0/180)	1.25
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.27
NOMINAL POWER(W)	34	TOTAL FLUX(lm)	4830.7	Voltage(V)	230.1
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	142.7	Current(A)	0.148
NOMINAL FLUX(lm)	4830.7	h up(%)	7.7	Power(W)	33.84
LAMPS QUANTITY	1	h down(%)	92.3	Power Factor(PF)	0.988
TEST VOLTAGE(V)	230.2	Effective Flux(lm)	4487.9	EEI	0.103

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: 35W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:

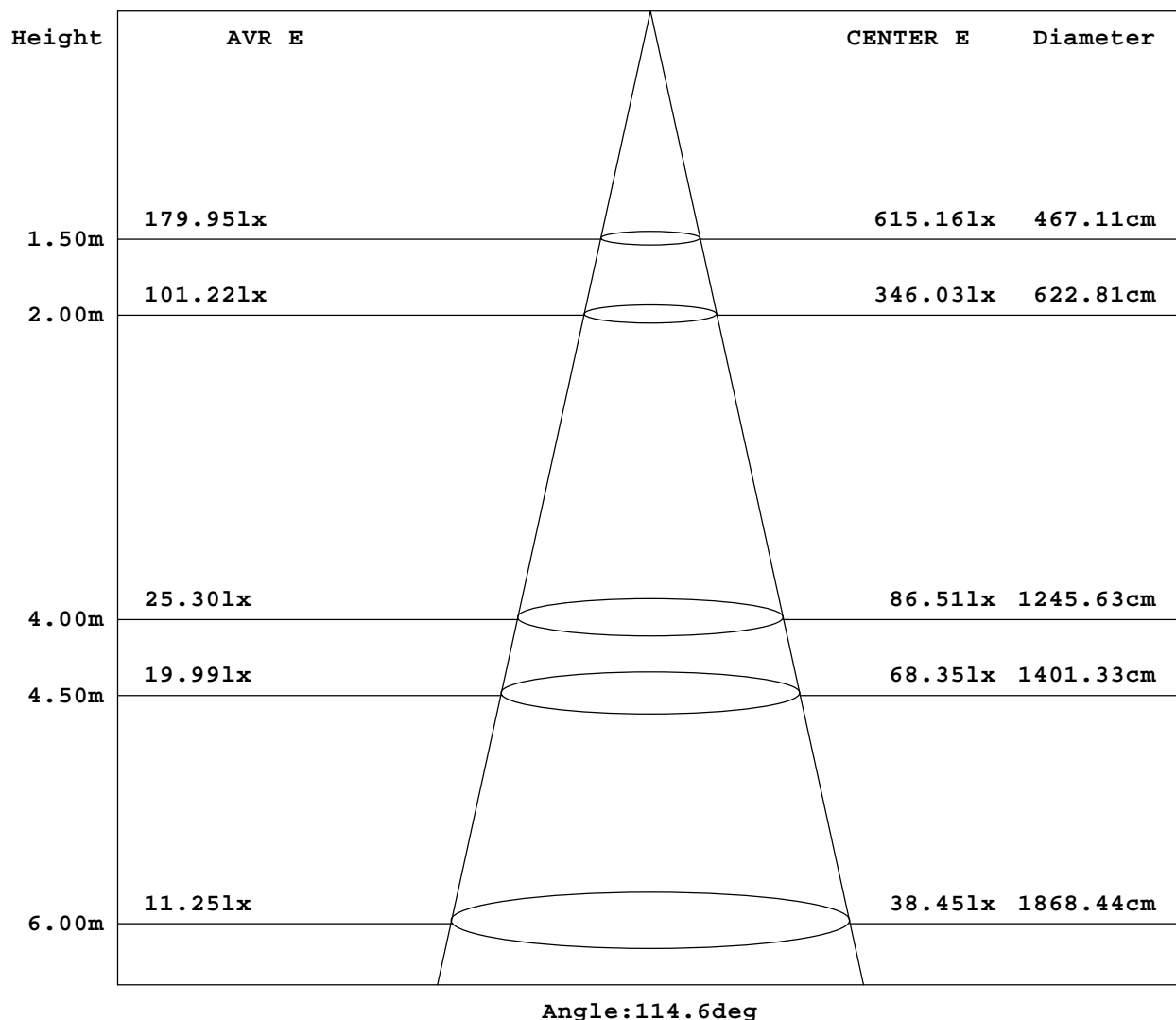
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月09日

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: 35W 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: 35W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	zone	t5tal
5.0	1376	1373	1375	1372	1378	1383	1389	1381	0- 5	33.01	33.01
10.0	1358	1354	1356	1351	1360	1372	1384	1370	5- 10	98.05	131.0
15.0	1326	1324	1326	1321	1329	1353	1371	1350	10- 15	160.1	291.2
20.0	1283	1283	1287	1278	1287	1322	1346	1318	15- 20	217.4	508.6
25.0	1231	1235	1239	1230	1233	1283	1312	1277	20- 25	268.0	776.7
30.0	1166	1175	1181	1169	1171	1232	1267	1225	25- 30	310.4	1087
35.0	1093	1106	1115	1099	1098	1172	1211	1162	30- 35	343.5	1431
40.0	1014	1031	1044	1024	1019	1105	1153	1093	35- 40	366.2	1797
45.0	925.6	948.2	963.5	939.2	928.4	1028	1082	1016	40- 45	377.9	2175
50.0	829.8	857.6	876.2	849.0	834.0	943.6	1004	929.9	45- 50	378.6	2554
55.0	731.5	764.4	786.1	754.7	735.1	857.2	922.0	841.1	50- 55	368.1	2922
60.0	623.5	661.1	685.3	651.6	627.8	759.4	830.1	742.2	55- 60	346.5	3268
65.0	514.8	557.1	582.9	546.6	514.7	656.4	731.3	636.9	60- 65	315.0	3583
70.0	397.6	448.3	479.5	437.2	402.6	552.4	631.6	532.2	65- 70	273.9	3857
75.0	279.5	337.5	373.2	326.6	284.5	441.4	523.9	418.5	70- 75	226.3	4084
80.0	173.3	229.1	280.2	220.8	172.6	330.5	413.5	299.8	75- 80	172.5	4256
85.0	76.22	160.6	208.3	144.2	78.16	233.7	314.2	211.2	80- 85	121.4	4378
90.0	18.99	121.0	170.9	101.6	16.69	155.4	233.2	134.3	85- 90	81.14	4459
95.0	12.58	105.0	154.0	88.39	7.381	106.4	176.0	89.54	90- 95	59.02	4518
100.0	11.01	87.30	135.0	71.63	7.381	90.38	150.7	77.74	95-100	45.26	4563
105.0	10.89	83.85	127.0	69.57	7.986	87.78	140.7	75.38	100-105	41.94	4605
110.0	11.01	78.77	118.0	65.88	8.591	83.00	130.6	70.90	105-110	38.91	4644
115.0	10.40	72.11	108.2	61.10	8.712	77.13	120.8	65.52	110-115	35.13	4679
120.0	11.25	64.55	98.97	56.32	9.438	71.20	109.8	58.50	115-120	31.07	4710
125.0	11.97	57.47	89.29	51.36	10.04	64.37	99.82	51.66	120-125	26.80	4737
130.0	12.22	50.63	79.73	45.91	10.40	57.89	88.93	44.83	125-130	22.63	4759
135.0	12.46	42.77	69.69	40.71	11.25	51.42	78.52	39.08	130-135	18.70	4778
140.0	12.70	36.66	60.37	35.57	11.49	44.52	68.00	33.87	135-140	15.05	4793
145.0	12.70	31.70	50.57	30.31	12.22	37.99	58.20	29.70	140-145	11.76	4805
150.0	13.06	26.13	41.01	24.86	12.58	31.52	48.15	25.16	145-150	8.877	4814
155.0	13.91	22.20	32.91	20.69	12.70	25.41	38.47	21.35	150-155	6.408	4820
160.0	13.91	18.21	25.04	17.24	12.94	20.50	29.76	18.02	155-160	4.428	4825
165.0	13.91	15.36	18.02	15.00	13.43	16.27	21.53	15.06	160-165	2.885	4828
170.0	14.15	14.03	13.67	13.91	13.79	14.33	15.73	14.15	165-170	1.767	4829
175.0	14.27	14.03	13.43	13.91	13.91	14.15	14.76	14.09	170-175	1.009	4830
180.0	13.91	14.21	13.30	14.15	14.15	14.09	14.27	14.09	175-180	0.336	4831
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:

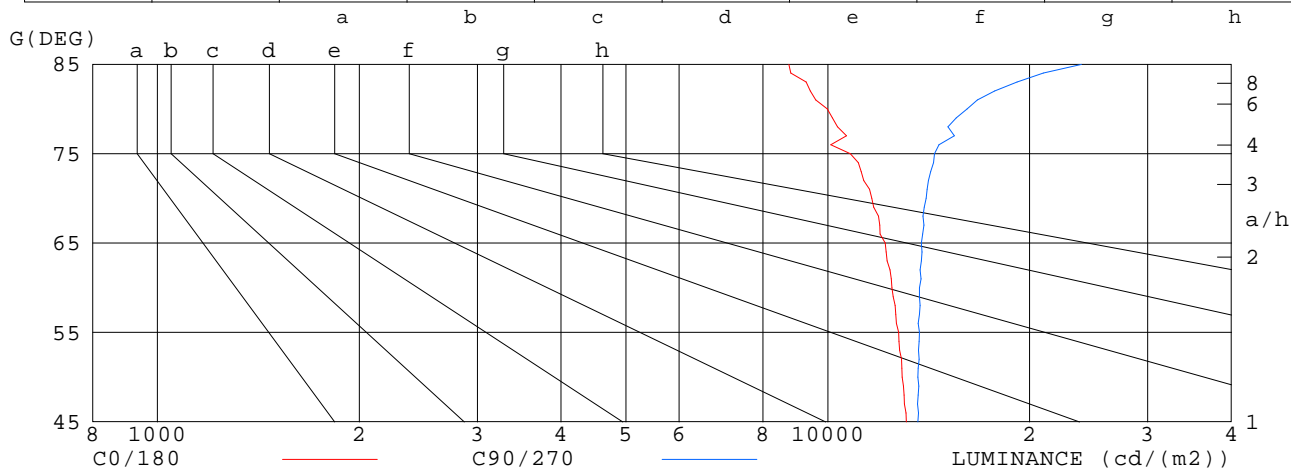
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
Address:		
NAME: 35W 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	8746	23907
80	9985	16138
75	10799	14423
70	11625	14020
65	12183	13794
60	12470	13707
55	12754	13706
50	12910	13633
45	13091	13626

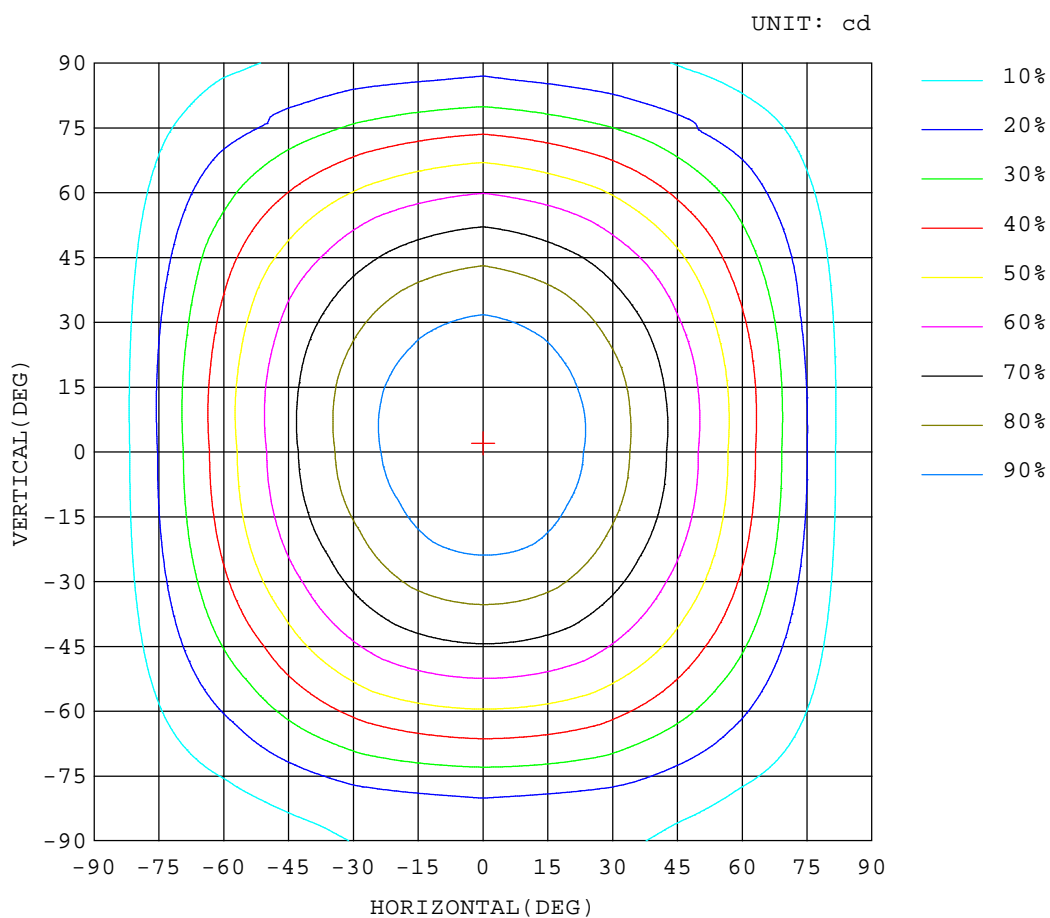
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月09日

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: 35W 120°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION: 1500X65mm	SERIAL No.:



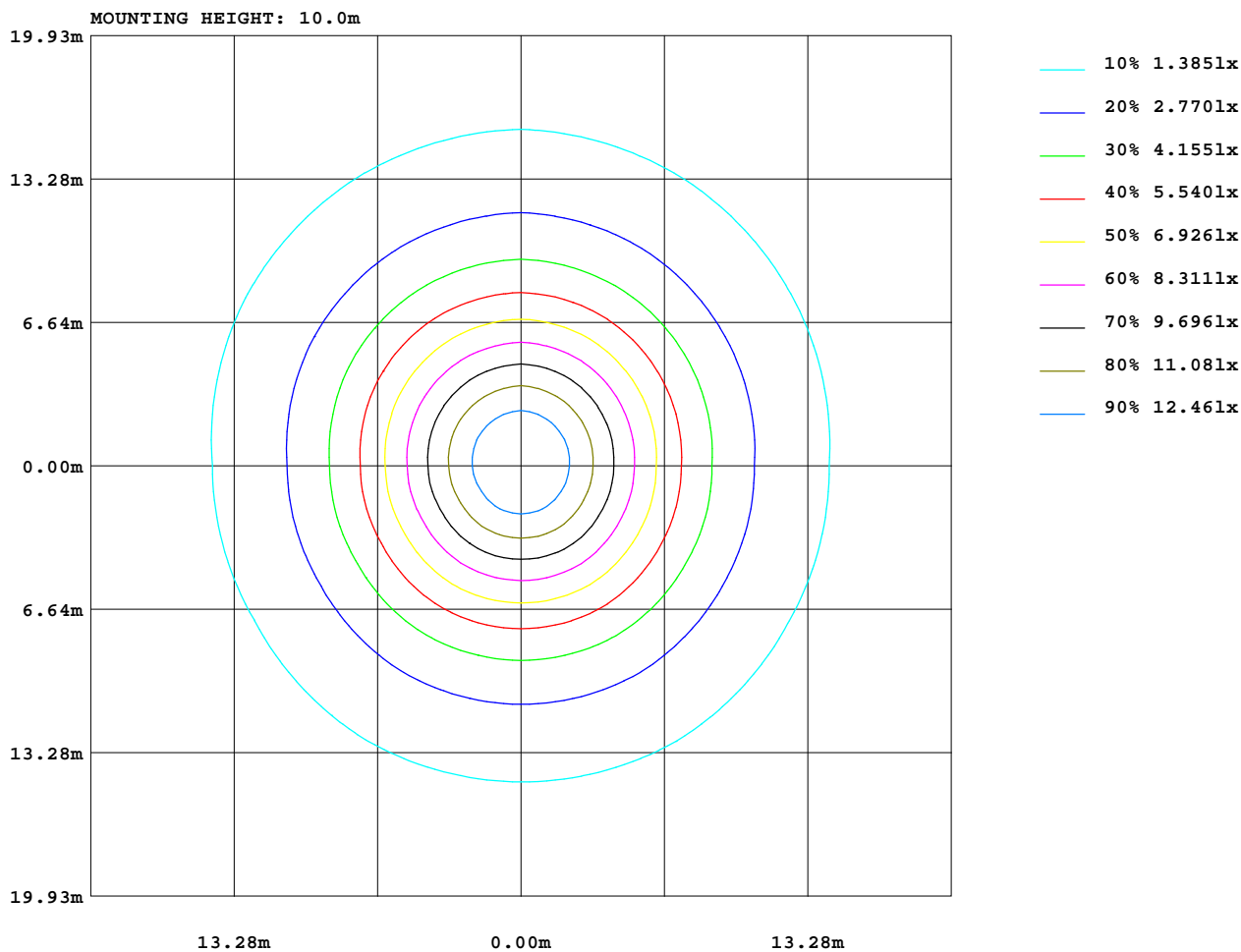
Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2018年08月09日

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: 35W 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: 35W 120°										TYPE:					WEIGHT:					
SPECIFICATION:										DIMENSION: 1500X65mm					SERIAL No.:					

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.12	0.65	1.65	2.99	4.49	6.14	7.58	8.61	9.35	9.27	8.36	7.16	5.64	4.02	2.55	1.36	0.55	0.11	80.6	75.5		
90	0.15	0.93	2.50	4.69	7.32	10.0	12.5	14.3	15.5	15.4	14.1	12.1	9.65	6.86	4.28	2.24	0.82	0.13	134	132		
80	0.18	1.24	3.46	6.76	10.4	14.3	17.7	20.3	21.8	21.7	20.0	17.4	13.8	9.99	6.29	3.19	1.14	0.17	190	189		
70	0.21	1.55	4.49	8.66	13.3	18.1	22.5	25.6	27.5	27.4	25.4	22.1	17.7	12.9	8.20	4.21	1.46	0.20	242	241		
60	0.25	1.86	5.35	10.2	15.8	21.5	26.5	30.2	32.4	32.3	30.1	26.2	21.1	15.4	9.86	5.09	1.76	0.23	287	286		
50	0.27	2.11	6.03	11.5	17.8	24.1	29.8	34.0	36.4	36.3	33.9	29.5	23.8	17.4	11.2	5.82	2.01	0.26	323	322		
40	0.29	2.29	6.50	12.4	19.2	26.1	32.2	36.8	39.3	39.3	36.7	31.9	25.7	18.9	12.1	6.34	2.20	0.28	349	349		
30	0.30	2.39	6.75	12.9	20.0	27.2	33.7	38.5	41.1	41.1	38.3	33.4	27.0	19.8	12.7	6.65	2.31	0.29	365	365		
20	0.30	2.39	6.78	12.9	20.1	27.5	34.1	39.1	41.7	41.6	38.9	33.9	27.3	20.0	12.8	6.72	2.33	0.29	369	369		
10	0.29	2.36	6.68	12.7	19.8	27.1	33.6	38.5	41.2	41.3	38.6	33.6	27.1	19.8	12.7	6.65	2.31	0.29	365	365		
0	0.28	2.28	6.44	12.3	19.1	26.1	32.3	37.2	39.8	39.9	37.3	32.4	26.2	19.2	12.3	6.45	2.24	0.28	353	352		
-10	0.27	2.12	5.99	11.4	17.8	24.3	30.2	34.8	37.2	37.3	35.0	30.4	24.5	17.9	11.5	6.02	2.10	0.27	330	329		
-20	0.24	1.87	5.36	10.2	15.9	21.9	27.4	31.4	33.5	33.6	31.6	27.6	22.1	16.1	10.3	5.39	1.87	0.24	297	297		
-30	0.21	1.57	4.56	8.65	13.6	18.9	23.7	27.1	28.9	29.0	27.3	23.9	19.2	13.9	8.83	4.60	1.60	0.21	256	256		
-40	0.17	1.24	3.59	6.92	11.0	15.4	19.3	22.0	23.5	23.6	22.2	19.5	15.6	11.2	7.10	3.66	1.29	0.18	208	207		
-50	0.14	0.91	2.52	5.01	8.15	11.4	14.3	16.4	17.5	17.5	16.5	14.5	11.6	8.35	5.19	2.65	0.97	0.15	154	153		
-60	0.11	0.61	1.57	3.06	5.05	7.24	9.15	10.4	11.2	11.3	10.6	9.35	7.47	5.30	3.31	1.74	0.68	0.12	98.5	94.6		
-70	0.08	0.39	0.90	1.69	2.81	4.09	5.15	5.85	6.35	6.42	6.05	5.48	4.47	3.19	2.03	1.13	0.49	0.10	56.7	46.8		
-80																						
-90																						
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																						
Φ t	3.84	28.8	81.1	155	243	332	412	472	505	505	472	411	331	241	154	79.9	28.2	3.81	4831			
Φ a	0.85	25.0	78.1	153	241	331	412	472	505	505	472	411	331	239	151	76.5	24.2	0.77		4488		

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: 35W 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	21.0	22.5	21.4	22.8	23.2	21.5	22.9	21.8	23.3	23.6
3H	22.6	24.0	23.0	24.3	24.7	23.3	24.6	23.7	25.0	25.4
4H	23.2	24.5	23.7	24.9	25.3	24.1	25.4	24.6	25.8	26.2
6H	23.7	24.9	24.1	25.3	25.8	24.9	26.1	25.4	26.5	27.0
8H	23.9	25.0	24.3	25.4	25.9	25.3	26.5	25.8	26.9	27.4
12H	23.9	25.1	24.4	25.5	26.0	25.7	26.9	26.2	27.3	27.8
4H 2H	21.7	23.0	22.2	23.4	23.8	22.1	23.4	22.5	23.7	24.2
3H	23.5	24.6	24.0	25.0	25.5	24.1	25.2	24.6	25.7	26.1
4H	24.3	25.3	24.7	25.7	26.2	25.1	26.1	25.6	26.6	27.1
6H	24.9	25.8	25.4	26.3	26.8	26.1	27.0	26.6	27.5	28.0
8H	25.1	25.9	25.6	26.4	27.0	26.5	27.4	27.1	27.9	28.4
12H	25.2	26.0	25.8	26.5	27.1	27.1	27.9	27.6	28.4	29.0
8H 4H	24.7	25.5	25.2	26.0	26.6	25.4	26.3	25.9	26.8	27.3
6H	25.4	26.2	26.0	26.7	27.3	26.6	27.3	27.1	27.8	28.4
8H	25.8	26.4	26.3	27.0	27.6	27.2	27.8	27.8	28.4	29.0
12H	26.0	26.6	26.6	27.2	27.8	28.0	28.5	28.5	29.1	29.7
12H 4H	24.7	25.5	25.3	26.0	26.6	25.4	26.2	25.9	26.7	27.3
6H	25.6	26.2	26.2	26.8	27.4	26.6	27.3	27.2	27.8	28.5
8H	26.0	26.5	26.6	27.1	27.8	27.4	27.9	28.0	28.5	29.1
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 4831 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.5)

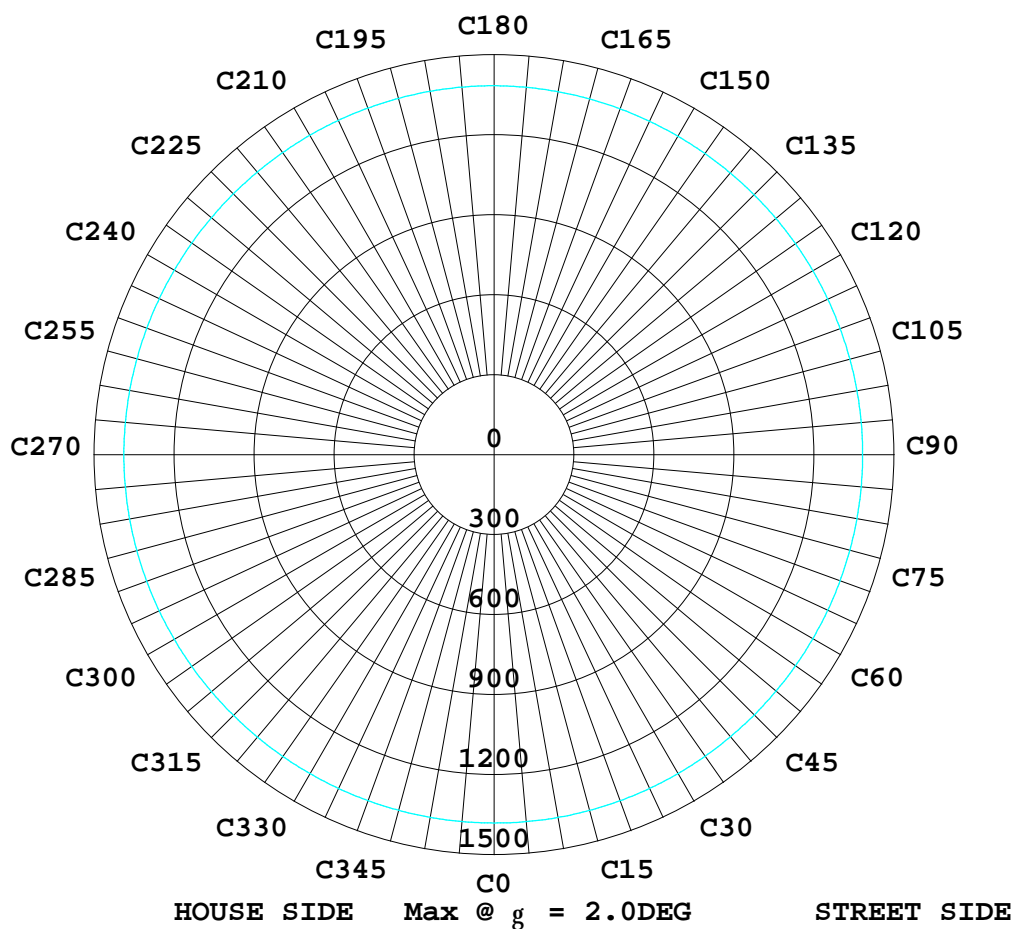
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2018年08月09日

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: 35W 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: