

LUMINAIRE PHOTOMETRIC TEST REPORT

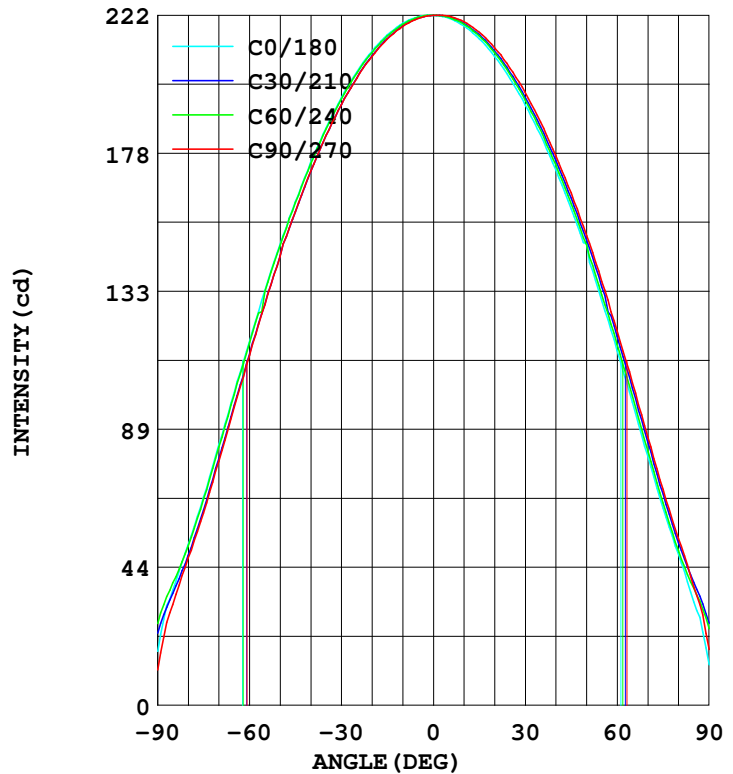
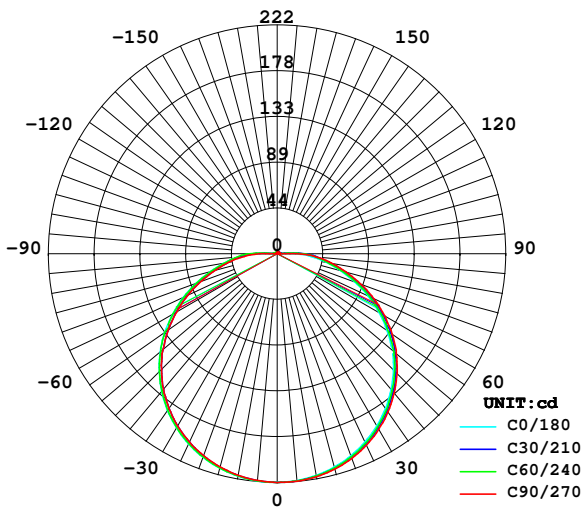
Report number:

MANUFACTURER:		Address:	
NAME: 6''		TYPE:10W	WEIGHT:
SPECIFICATION: 6000K		DIMENSION:	SERIAL No.:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	LED	I _{max} (cd)	222.5	S/MH (C0/180)	1.31
NOMINAL POWER (W)	10.7	EFFICIENCY (%)	75.1	S/MH (C90/270)	1.30
RATED VOLTAGE (V)	109.6	TOTAL FLUX (lm)	750.51	Voltage (V)	109.5
NOMINAL FLUX (lm)	1000.0	EFFICIENCY (lm/W)	70.1	Current (A)	0.169
LAMPS QUANTITY	1	η up (%)	1.6	Power (W)	10.70
TEST VOLTAGE (V)	109.6	η down (%)	73.5	Power Factor (PF)	0.581

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



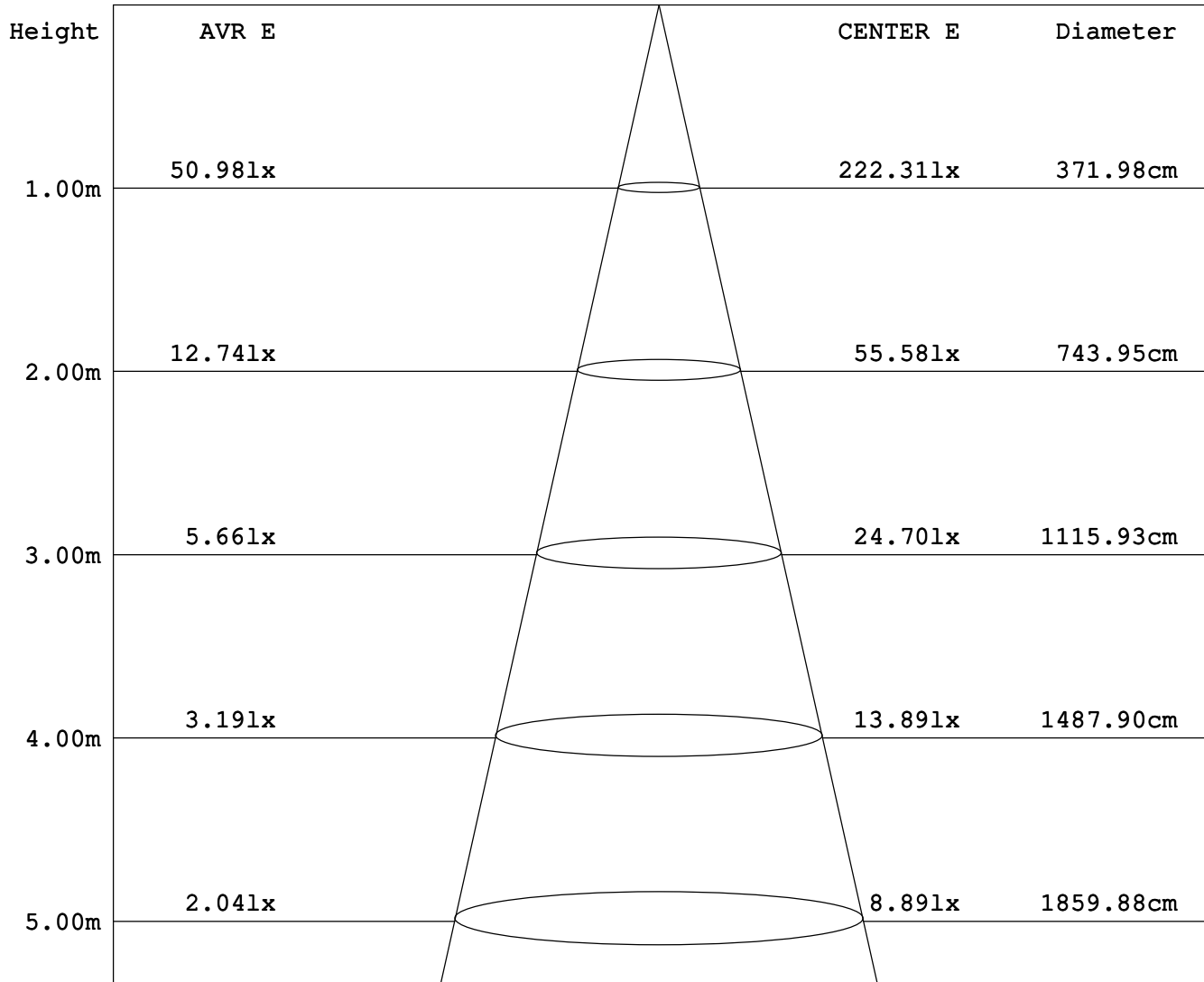
Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:01-28-2014

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.800 m
 Remarks:

AVERAGE E Figure

Report number:

MANUFACTURER:	Address:	
NAME: 6''	TYPE:10W	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No.:



Angle:123.5deg

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:01-28-2014

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 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 6''	TYPE:10W	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	221.8	221.5	221.3	221.5	221.3	221.7	222.0	222.0	0- 5	5.306	5.306
10.0	219.7	219.1	218.7	219.1	218.9	219.6	220.2	219.8	5- 10	15.76	21.07
15.0	216.0	215.2	214.6	215.0	214.7	215.8	216.8	216.3	10- 15	25.75	46.83
20.0	210.7	209.8	209.1	209.7	209.1	210.5	211.9	211.1	15- 20	35.01	81.84
25.0	204.0	202.9	201.9	202.8	202.0	203.6	205.3	204.3	20- 25	43.25	125.0
30.0	195.7	194.4	193.5	194.4	193.4	195.4	197.4	196.1	25- 30	50.22	175.3
35.0	186.0	184.6	183.6	184.7	183.7	185.9	187.9	186.5	30- 35	55.74	231.0
40.0	175.0	173.3	172.0	173.6	172.5	174.7	177.0	175.1	35- 40	59.60	290.6
45.0	162.2	160.4	159.0	160.9	159.9	162.5	165.0	162.6	40- 45	61.70	352.3
50.0	148.4	146.3	144.5	148.5	148.6	149.0	151.3	149.1	45- 50	62.05	414.4
55.0	133.7	131.3	129.1	131.6	130.4	133.6	136.5	133.6	50- 55	60.29	474.7
60.0	117.3	115.0	112.7	115.2	114.3	117.6	120.7	117.5	55- 60	56.72	531.4
65.0	100.6	98.40	96.06	98.31	97.64	100.9	103.9	100.9	60- 65	51.65	583.1
70.0	83.95	81.40	78.66	81.13	80.36	83.50	86.45	83.62	65- 70	45.14	628.2
75.0	67.10	64.64	61.93	64.12	63.51	66.58	69.60	66.86	70- 75	37.71	665.9
80.0	51.77	49.82	47.45	49.40	48.73	51.07	53.66	51.50	75- 80	30.13	696.1
85.0	37.05	37.72	32.42	37.59	33.27	38.60	38.08	38.99	80- 85	23.09	719.2
90.0	17.40	24.82	11.43	23.21	13.01	25.55	17.94	26.73	85- 90	15.77	734.9
95.0	2.311	5.779	0.487	3.741	0.548	6.874	1.946	8.243	90- 95	6.053	741.0
100.0	1.946	1.946	0.730	2.098	0.730	1.886	1.946	1.855	95-100	1.020	742.0
105.0	1.946	2.616	0.913	2.737	0.791	2.585	1.886	2.555	100-105	1.092	743.1
110.0	1.886	2.524	0.973	2.494	0.913	2.585	1.825	2.646	105-110	1.174	744.3
115.0	1.825	1.946	0.913	1.946	0.973	2.007	1.825	2.068	110-115	0.987	745.2
120.0	1.764	1.673	0.973	1.703	0.973	1.673	1.764	1.673	115-120	0.801	746.0
125.0	1.703	1.551	0.973	1.581	0.973	1.521	1.703	1.581	120-125	0.701	746.8
130.0	1.703	1.490	1.034	1.490	1.034	1.490	1.703	1.490	125-130	0.639	747.4
135.0	1.642	1.429	1.034	1.429	1.095	1.399	1.642	1.399	130-135	0.575	748.0
140.0	1.642	1.399	1.095	1.399	1.095	1.368	1.642	1.368	135-140	0.513	748.5
145.0	1.581	1.368	1.095	1.399	1.155	1.368	1.581	1.338	140-145	0.455	748.9
150.0	1.581	1.338	1.155	1.368	1.216	1.308	1.521	1.338	145-150	0.398	749.3
155.0	1.521	1.338	1.155	1.368	1.216	1.308	1.521	1.308	150-155	0.338	749.7
160.0	1.521	1.308	1.216	1.368	1.216	1.308	1.521	1.338	155-160	0.281	749.9
165.0	1.521	1.368	1.216	1.338	1.277	1.308	1.521	1.308	160-165	0.222	750.2
170.0	1.521	1.338	1.216	1.368	1.338	1.308	1.521	1.308	165-170	0.160	750.3
175.0	1.521	1.368	1.277	1.368	1.399	1.338	1.521	1.338	170-175	0.097	750.4
180.0	1.521	1.338	1.338	1.368	1.460	1.368	1.460	1.368	175-180	0.033	750.5
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

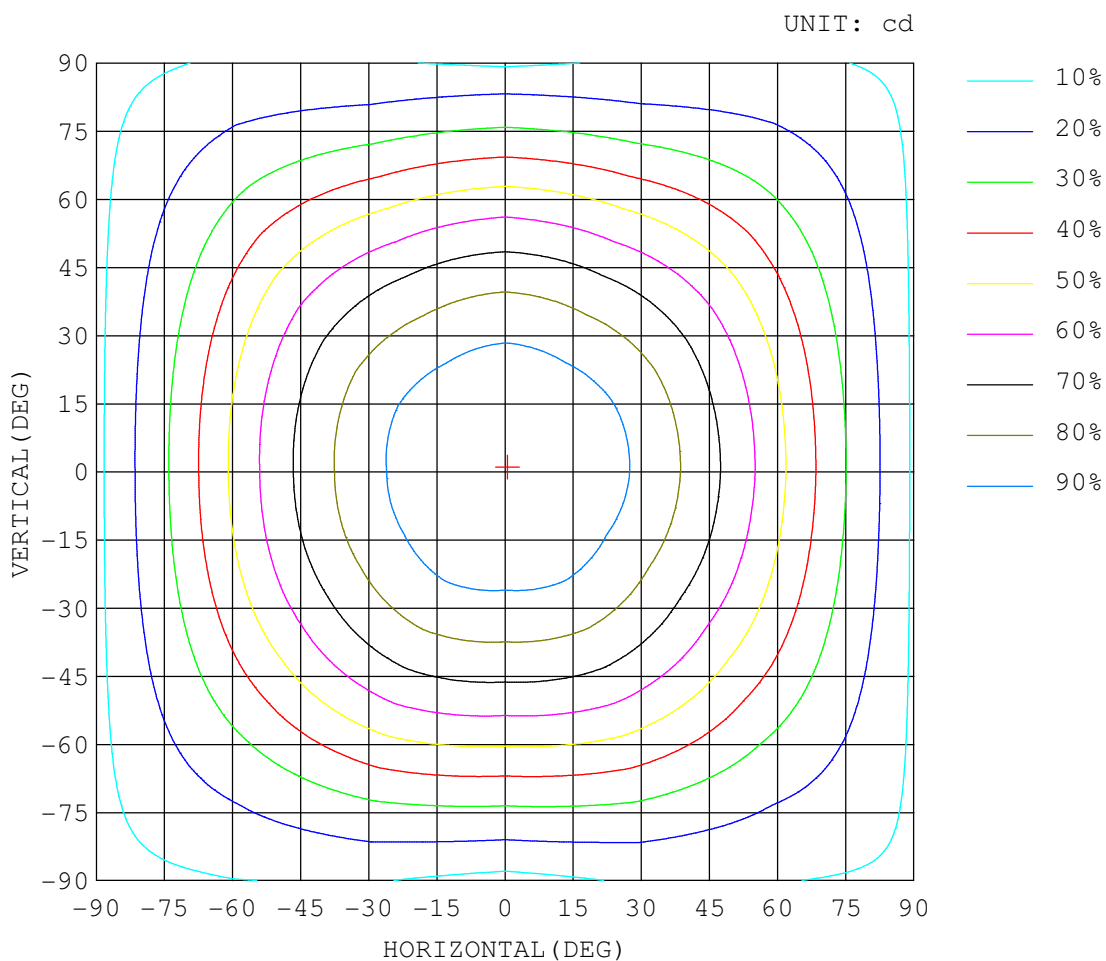
Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:01-28-2014

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.800 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 6''	TYPE:10W	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No.:



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 Operators:
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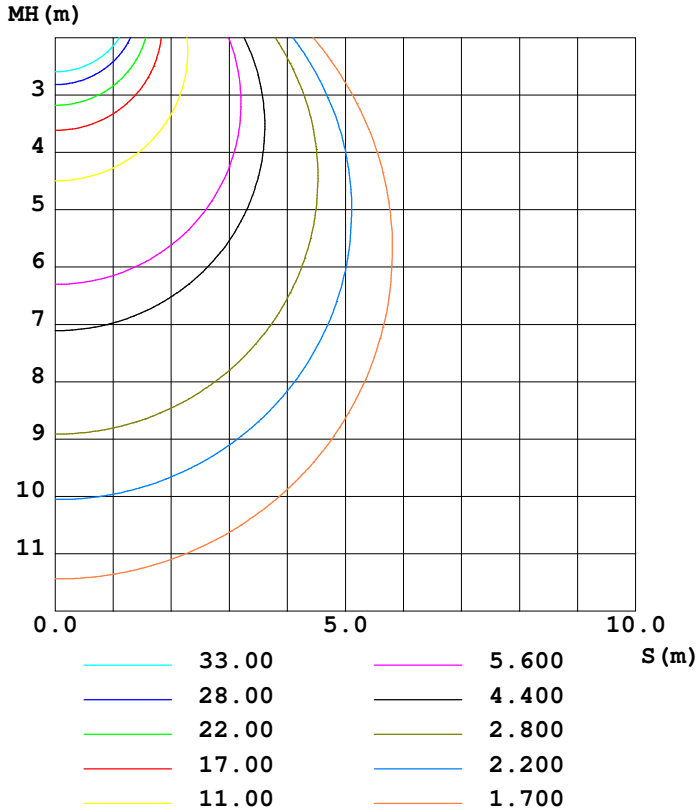
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.800 m
 Remarks:

ISOLUX DIAGRAM

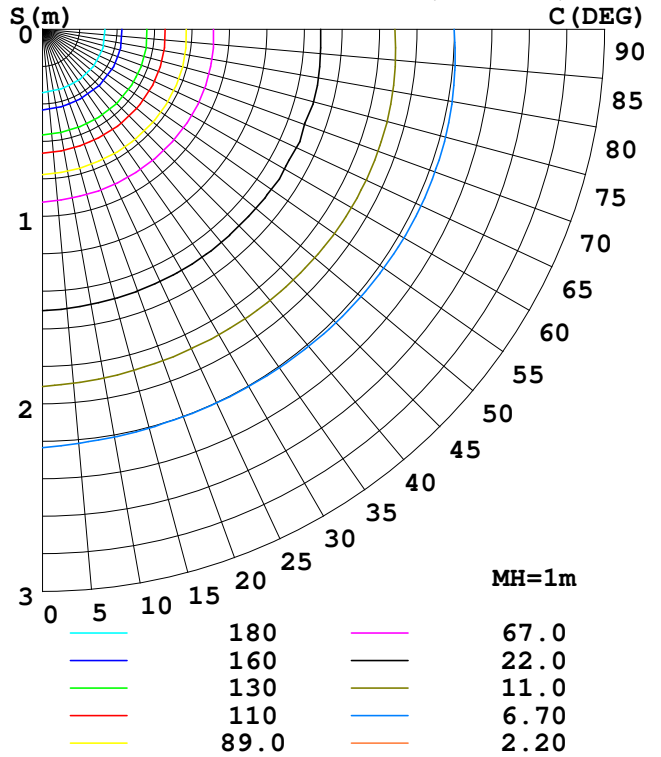
Report number:

MANUFACTURER:	Address:	
NAME: 6''	TYPE:10W	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No.:

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



PLANAR ISOLUX DIAGRAM (UNIT:lx)



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:01-28-2014

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:7.800 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: 6''	TYPE:10W	WEIGHT:
SPECIFICATION: 6000K	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) \ γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	222	222	222	222	223	222	222	222	222	222	223	222
5.0	222	221	222	221	222	221	221	222	222	222	222	222
10.0	220	219	219	219	220	219	219	220	219	220	220	220
15.0	216	215	216	215	216	215	215	216	216	217	216	217
20.0	211	209	210	209	210	209	209	211	210	212	211	211
25.0	204	202	204	202	204	202	202	204	203	205	204	205
30.0	196	194	195	194	196	193	193	196	195	197	195	197
35.0	186	184	186	184	186	184	184	186	185	188	186	187
40.0	175	172	175	172	175	172	173	175	174	177	174	176
45.0	162	159	162	159	162	159	160	163	162	165	162	164
50.0	148	145	148	145	149	149	149	150	148	151	148	150
55.0	134	129	133	129	134	130	130	135	132	137	132	135
60.0	117	113	117	113	117	113	114	119	116	121	116	119
65.0	101	96.6	100	96.0	99.9	96.6	97.6	102	99.7	104	99.6	102
70.0	83.9	79.5	83.2	78.6	82.9	79.3	80.3	84.8	82.1	86.4	82.3	84.9
75.0	67.1	62.8	66.4	61.9	65.8	62.4	63.5	68.0	65.0	69.6	65.4	68.3
80.0	51.7	48.3	51.2	47.4	50.8	48.0	48.7	52.3	49.8	53.6	50.2	52.7
85.0	37.0	36.0	39.4	32.4	39.1	36.0	33.2	39.5	37.6	38.0	37.9	40.0
90.0	17.4	23.3	26.3	11.4	24.7	21.7	13.0	26.4	24.7	17.9	25.7	27.6
95.0	2.31	4.98	6.57	0.49	5.17	2.31	0.55	7.36	6.38	1.94	7.54	8.94
100.0	1.94	1.21	2.67	0.73	2.73	1.46	0.73	2.49	1.27	1.94	1.21	2.49
105.0	1.94	1.94	3.28	0.91	3.28	2.19	0.79	3.10	2.06	1.88	2.06	3.04
110.0	1.88	2.00	3.04	0.97	2.92	2.06	0.91	3.10	2.06	1.82	2.19	3.10
115.0	1.82	1.52	2.37	0.91	2.31	1.58	0.97	2.49	1.52	1.82	1.58	2.55
120.0	1.76	1.27	2.06	0.97	2.06	1.33	0.97	2.06	1.27	1.76	1.21	2.12
125.0	1.70	1.15	1.94	0.97	1.94	1.21	0.97	1.88	1.15	1.70	1.21	1.94
130.0	1.70	1.15	1.82	1.03	1.82	1.15	1.03	1.82	1.15	1.70	1.15	1.82
135.0	1.64	1.09	1.76	1.03	1.76	1.09	1.09	1.70	1.09	1.64	1.09	1.70
140.0	1.64	1.09	1.70	1.09	1.70	1.09	1.09	1.64	1.09	1.64	1.09	1.64
145.0	1.58	1.09	1.64	1.09	1.64	1.15	1.15	1.64	1.09	1.58	1.09	1.58
150.0	1.58	1.09	1.58	1.15	1.58	1.15	1.21	1.52	1.09	1.52	1.15	1.52
155.0	1.52	1.15	1.52	1.15	1.58	1.15	1.21	1.52	1.09	1.52	1.15	1.46
160.0	1.52	1.09	1.52	1.21	1.58	1.15	1.21	1.52	1.09	1.52	1.15	1.52
165.0	1.52	1.21	1.52	1.21	1.52	1.15	1.27	1.52	1.09	1.52	1.15	1.46
170.0	1.52	1.15	1.52	1.21	1.52	1.21	1.33	1.46	1.15	1.52	1.15	1.46
175.0	1.52	1.21	1.52	1.27	1.52	1.21	1.39	1.46	1.21	1.52	1.21	1.46
180.0	1.52	1.21	1.46	1.33	1.46	1.27	1.46	1.46	1.27	1.46	1.27	1.46

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:01-28-2014

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 Remarks: