

GONIOPHOTOMETERS SYSTEM TEST REPORT

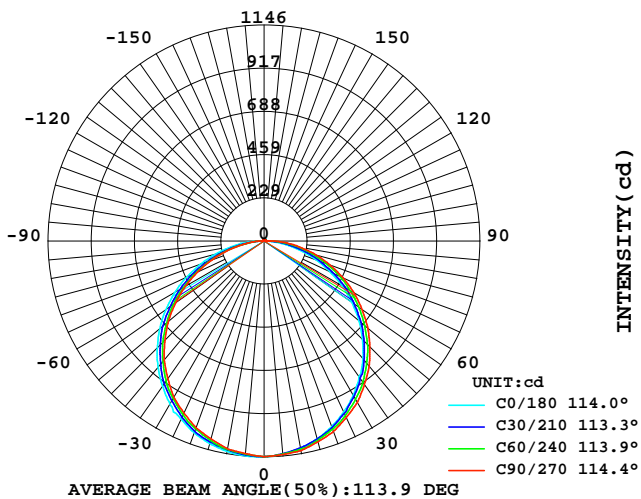
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: 2017110315

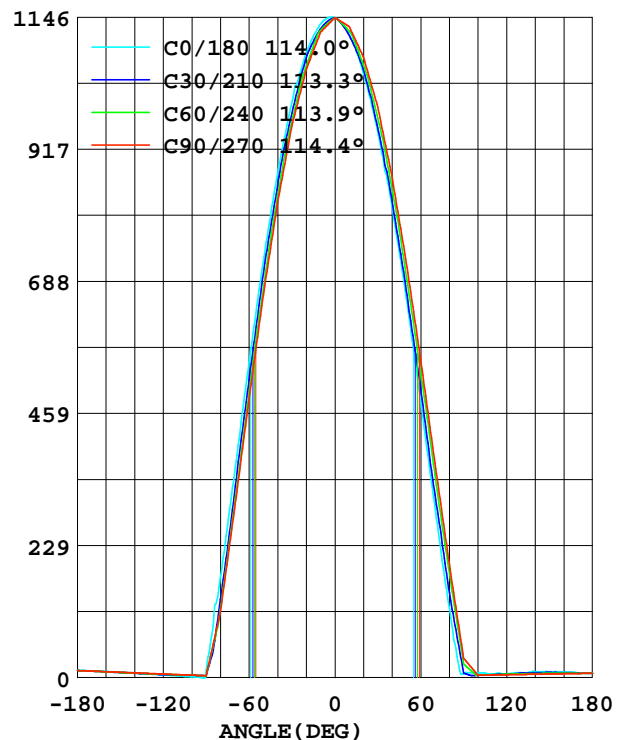
MANUFACTURER: SGSLight Limited	Address:		
NAME: TLP-6060-26-NW-130-IP65	TYPE:LED Panel Light	WEIGHT:	
SPECIFICATION:4000K CRI>80	DIMENSION: 596x596 mm	SERIAL No.:2017110315	

DATA OF LAMP		Imax(cd)	1146	S/MH(C0/180)	1.29
MODEL	4000K	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.24
NOMINAL POWER(W)	26	TOTAL FLUX(lm)	3385.4	Voltage(V)	230.0
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	131.2	Current(A)	0.186
NOMINAL FLUX(lm)	3385.4	η up(%)	1.2	Power(W)	25.79
LAMPS QUANTITY	1	η down(%)	98.8	Power Factor(PF)	0.942
TEST VOLTAGE(V)	230.0	Effective Flux(lm)	3385.4	EEI	0.104

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2017-11-03

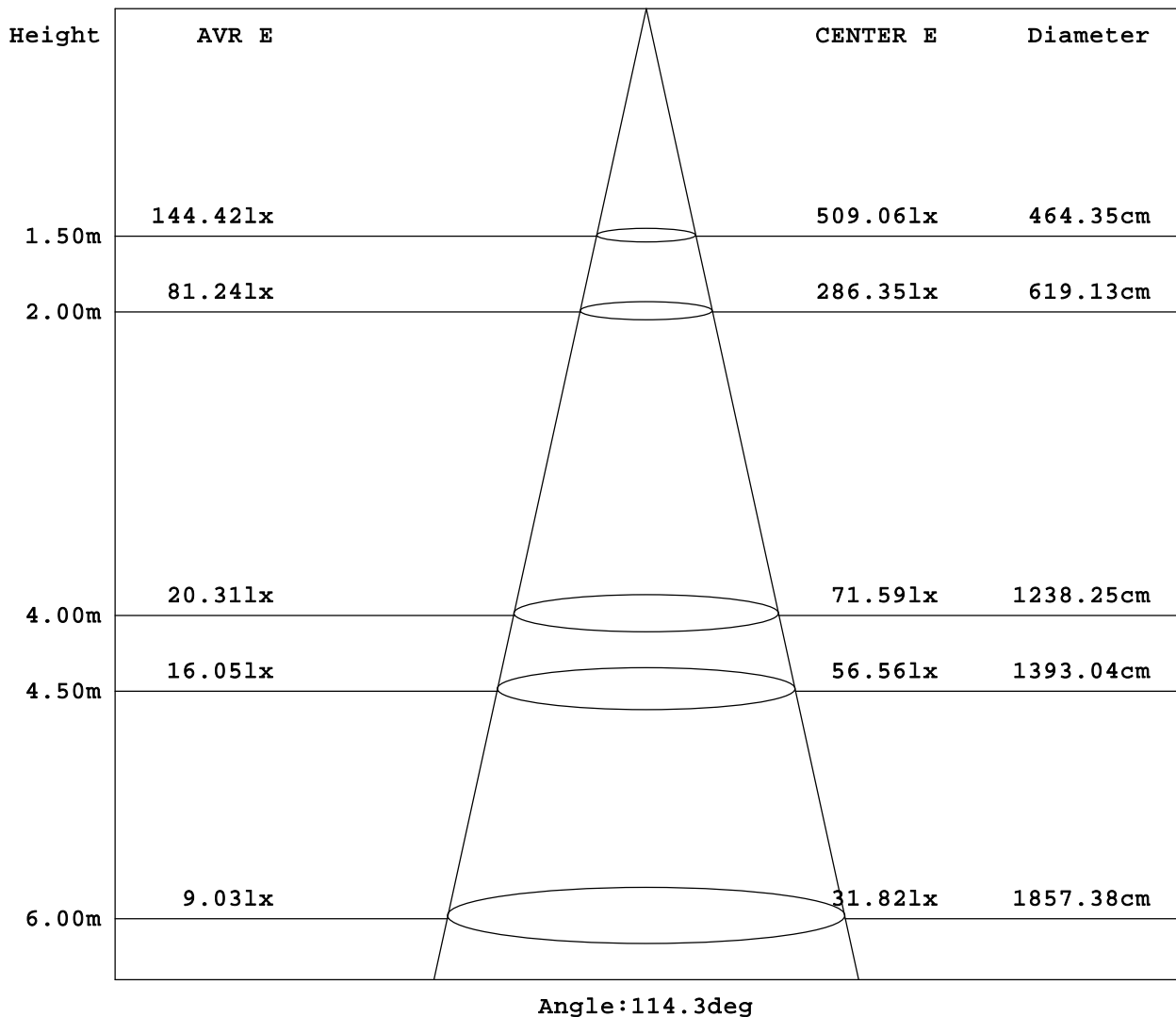
Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number: 2017110315

MANUFACTURER: SGSLight Limited	Address:	
NAME: TLP-6060-26-NW-130-IP65	TYPE:LED Panel Light	WEIGHT:
SPECIFICATION:4000K CRI>80	DIMENSION: 596x596 mm	SERIAL No.:2017110315



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2017-11-03

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number: 2017110315

MANUFACTURER: SGSLight Limited	Address:	
NAME: TLP-6060-26-NW-130-IP65	TYPE:LED Panel Light	WEIGHT:
SPECIFICATION:4000K CRI>80	DIMENSION: 596x596 mm	SERIAL No.:2017110315

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1145	1137	1133	1131	1135	1134	1138	1141	0- 5	27.25	27.25
10.0	1134	1124	1120	1111	1116	1118	1130	1131	5- 10	80.78	108.0
15.0	1114	1103	1088	1085	1087	1094	1103	1114	10- 15	131.6	239.7
20.0	1084	1066	1056	1043	1049	1056	1077	1081	15- 20	178.0	417.7
25.0	1043	1027	1007	998.3	1002	1015	1034	1045	20- 25	218.6	636.3
30.0	998.6	975.0	958.4	942.4	946.9	961.6	990.5	1003	25- 30	251.9	888.3
35.0	939.6	913.3	891.6	879.7	879.1	901.5	929.5	943.3	30- 35	277.0	1165
40.0	875.3	847.8	824.7	813.5	817.0	838.0	868.6	882.9	35- 40	292.5	1458
45.0	801.5	768.8	744.4	735.5	739.1	763.5	794.0	808.1	40- 45	298.7	1757
50.0	722.6	687.9	664.1	656.4	658.3	687.4	719.5	731.7	45- 50	294.5	2051
55.0	635.0	596.5	573.5	567.3	569.3	599.9	635.5	645.2	50- 55	280.9	2332
60.0	547.2	506.0	483.0	479.1	479.2	513.3	551.6	559.4	55- 60	258.0	2590
65.0	454.1	407.2	388.5	387.7	385.4	426.3	461.5	464.9	60- 65	227.3	2818
70.0	356.7	310.9	294.1	296.8	294.6	337.8	371.5	372.1	65- 70	189.8	3008
75.0	265.0	216.1	204.1	206.4	202.9	247.3	284.1	279.9	70- 75	148.0	3156
80.0	173.5	125.4	114.1	123.0	120.5	167.5	196.7	190.5	75- 80	103.9	3260
85.0	90.27	52.50	58.70	54.24	42.40	91.04	115.2	105.3	80- 85	60.86	3320
90.0	13.69	3.126	3.258	3.258	5.900	16.11	33.64	25.80	85- 90	23.10	3344
95.0	0.572	3.716	3.721	3.607	8.410	7.522	18.84	10.33	90- 95	4.993	3349
100.0	1.629	4.139	4.183	4.186	8.499	4.137	4.051	3.936	95-100	2.856	3351
105.0	2.025	4.477	4.689	4.876	8.146	4.629	4.271	4.118	100-105	2.349	3354
110.0	3.082	4.842	5.196	5.597	6.473	5.317	4.491	4.210	105-110	2.487	3356
115.0	3.831	5.250	5.702	6.304	7.442	5.774	4.711	4.316	110-115	2.627	3359
120.0	4.535	5.626	6.209	6.866	6.385	6.236	4.932	4.325	115-120	2.719	3362
125.0	5.636	6.131	6.715	7.478	7.618	6.671	5.152	4.426	120-125	2.805	3364
130.0	6.737	6.589	7.221	8.142	8.763	7.150	5.372	4.753	125-130	2.860	3367
135.0	7.486	7.247	7.728	8.691	8.807	7.509	5.592	4.904	130-135	2.831	3370
140.0	8.234	7.780	8.234	9.219	10.26	7.872	5.812	5.222	135-140	2.761	3373
145.0	8.983	8.156	8.741	9.722	10.26	8.021	6.032	5.590	140-145	2.611	3375
150.0	9.732	8.795	9.247	10.41	10.30	8.079	6.253	5.819	145-150	2.419	3378
155.0	10.12	9.438	9.754	10.62	10.30	8.086	6.473	6.305	150-155	2.169	3380
160.0	10.83	9.959	10.26	11.06	9.643	8.049	6.693	6.563	155-160	1.863	3382
165.0	11.22	10.58	10.76	11.46	9.291	7.878	6.913	6.752	160-165	1.511	3383
170.0	11.58	11.24	11.27	11.87	8.278	7.596	7.133	6.954	165-170	1.116	3385
175.0	12.28	11.92	11.77	12.26	7.574	7.418	7.354	7.238	170-175	0.688	3385
180.0	12.28	12.28	12.28	12.28	7.574	7.574	7.574	7.574	175-180	0.236	3385
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2017-11-03

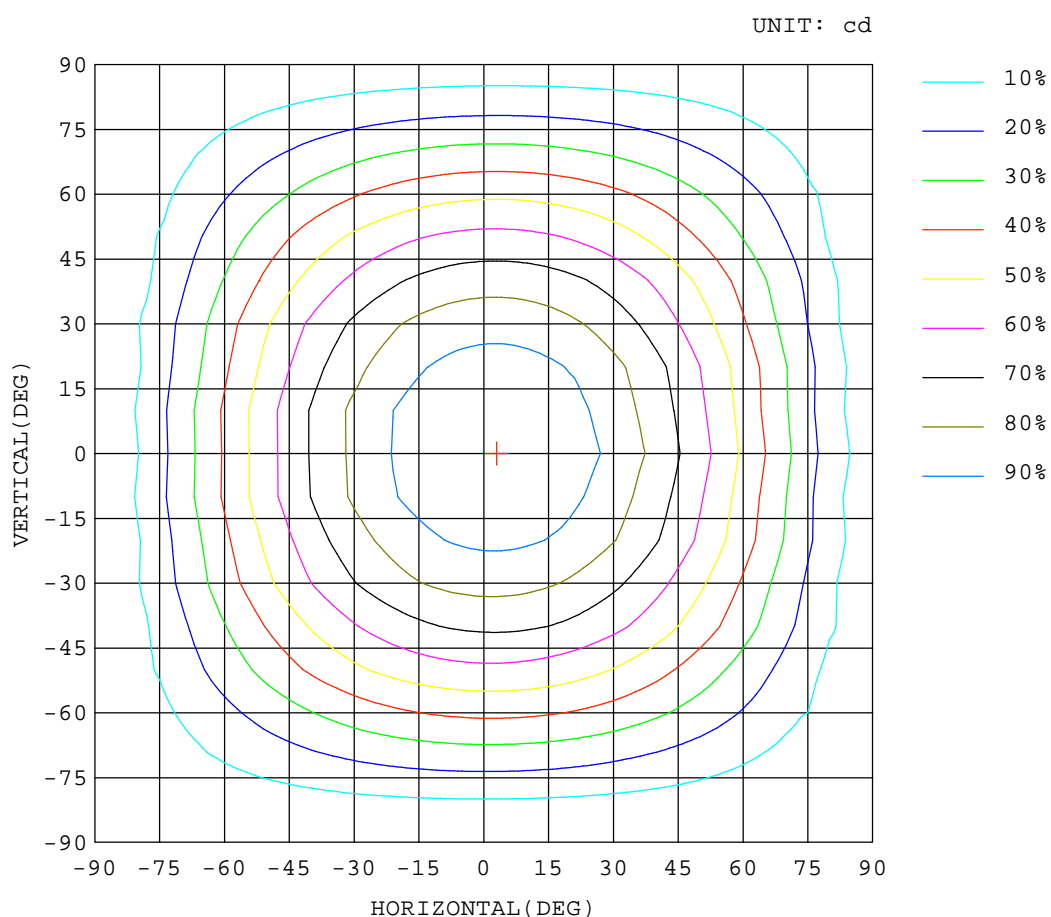
Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number: 2017110315

MANUFACTURER: SGSLight Limited	Address:	
NAME: TLP-6060-26-NW-130-IP65	TYPE:LED Panel Light	WEIGHT:
SPECIFICATION:4000K CRI>80	DIMENSION: 596x596 mm	SERIAL No.:2017110315



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2017-11-03

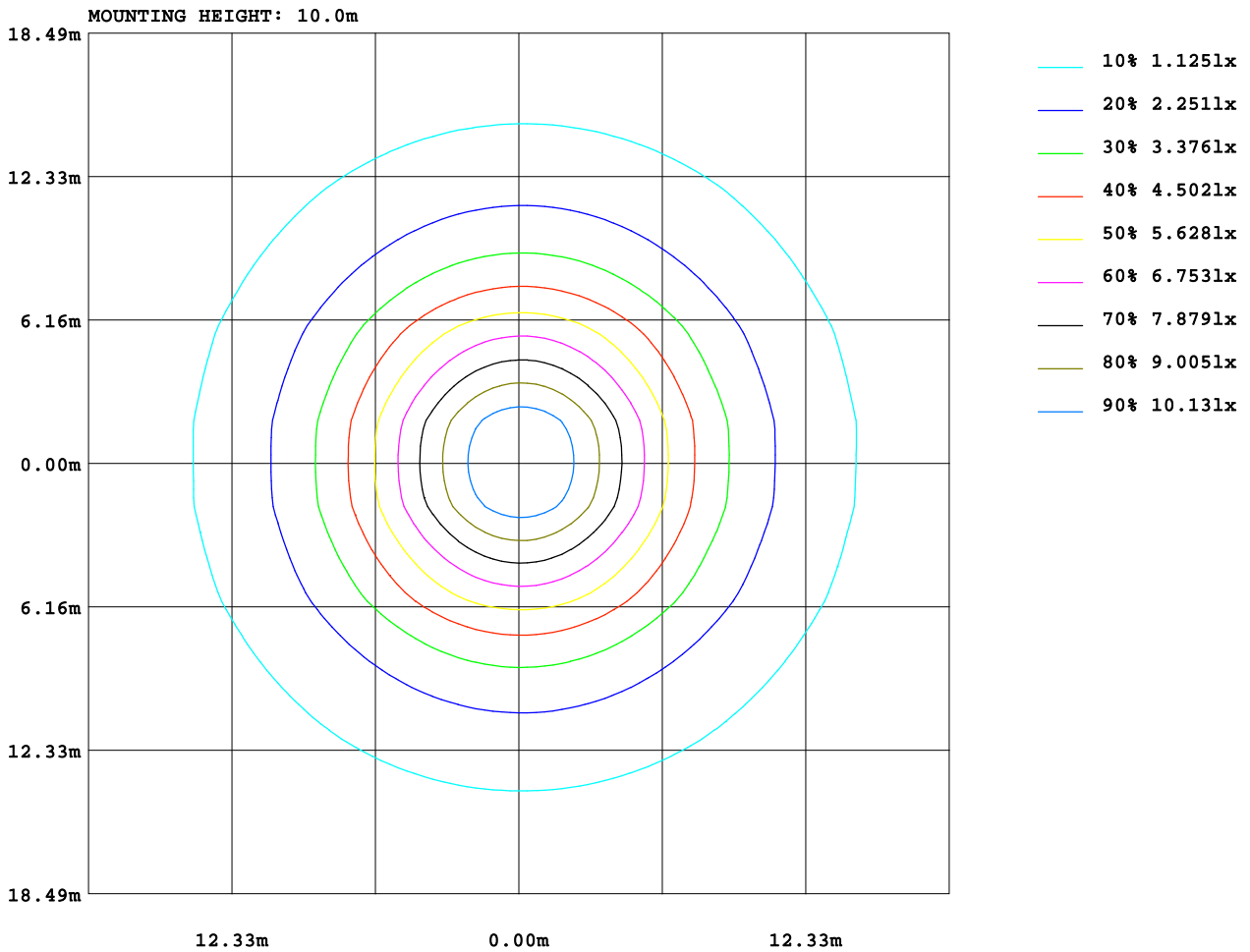
Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number: 2017110315

MANUFACTURER: SGSLight Limited	Address:	
NAME: TLP-6060-26-NW-130-IP65	TYPE:LED Panel Light	WEIGHT:
SPECIFICATION:4000K CRI>80	DIMENSION: 596x596 mm	SERIAL No.:2017110315



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2017-11-03

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

Uncorrected UGR Table

Report number: 2017110315

MANUFACTURER: SGSLight Limited					Address:					
NAME: TLP-6060-26-NW-130-IP65					TYPE:LED Panel Light			WEIGHT:		
SPECIFICATION:4000K CRI>80					DIMENSION: 596x596 mm			SERIAL No.:2017110315		
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	16.7	18.2	17.0	18.5	18.7	16.3	17.8	16.5	18.0	18.2
3H	18.4	19.8	18.7	20.0	20.3	17.7	19.1	18.0	19.4	19.6
4H	19.1	20.4	19.4	20.7	21.0	18.2	19.6	18.6	19.9	20.1
6H	19.6	20.9	20.0	21.2	21.5	18.6	19.9	19.0	20.2	20.5
8H	19.8	21.1	20.2	21.4	21.7	18.7	19.9	19.1	20.3	20.6
12H	20.0	21.2	20.4	21.5	21.8	18.8	20.0	19.2	20.3	20.6
4H 2H	17.3	18.6	17.6	18.9	19.2	16.9	18.2	17.2	18.5	18.8
3H	19.1	20.2	19.4	20.6	20.9	18.5	19.7	18.9	20.0	20.3
4H	19.9	20.9	20.3	21.3	21.7	19.2	20.3	19.6	20.6	21.0
6H	20.5	21.5	21.0	21.9	22.3	19.7	20.6	20.1	21.0	21.4
8H	20.8	21.7	21.2	22.1	22.5	19.8	20.7	20.3	21.1	21.5
12H	21.0	21.8	21.5	22.2	22.7	20.0	20.8	20.4	21.2	21.6
8H 4H	20.1	21.0	20.5	21.4	21.8	19.5	20.3	19.9	20.7	21.2
6H	20.9	21.6	21.3	22.0	22.5	20.1	20.8	20.5	21.2	21.7
8H	21.2	21.9	21.7	22.3	22.8	20.3	21.0	20.8	21.4	21.9
12H	21.5	22.1	22.0	22.5	23.0	20.5	21.1	21.0	21.6	22.1
12H 4H	20.1	20.9	20.5	21.3	21.7	19.5	20.3	19.9	20.7	21.1
6H	20.9	21.6	21.4	22.0	22.5	20.1	20.8	20.6	21.2	21.7
8H	21.3	21.8	21.8	22.3	22.8	20.4	21.0	20.9	21.4	21.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 3385 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.2)

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2017-11-03

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks: