

GONIOPHOTOMETERS SYSTEM TEST REPORT

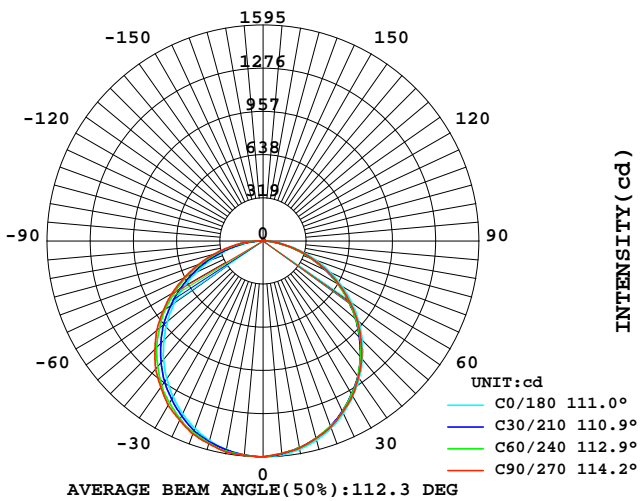
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: 2018020912

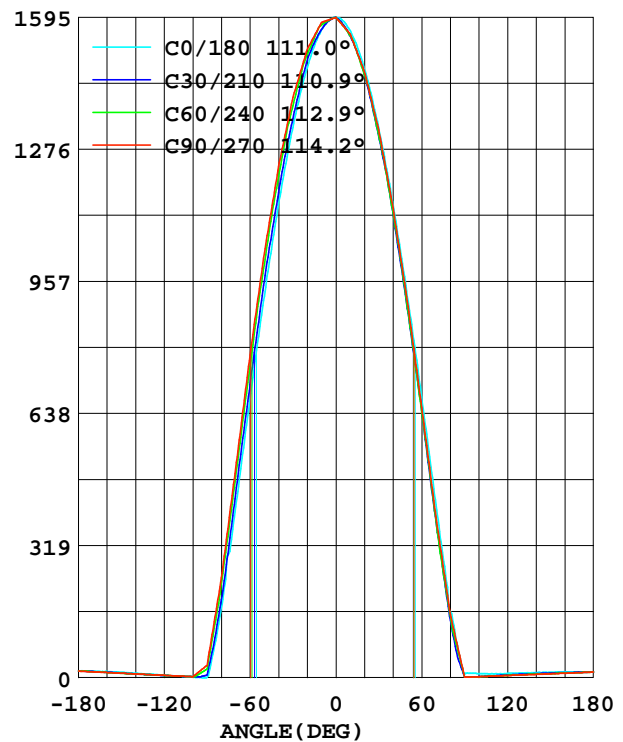
MANUFACTURER: SGSLight Limited	Address:	
NAME: TLP-6060-36-NW-120D	TYPE:LED Panel Light	WEIGHT:
SPECIFICATION:4000K CRI>80	DIMENSION: 596x596 mm	SERIAL No.:2018020912

DATA OF LAMP		I _{max} (cd)	1595	S/MH(C0/180)	1.24
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.30
NOMINAL POWER(W)	36	TOTAL FLUX(lm)	4586.5	Voltage(V)	219.1
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	125.6	Current(A)	0.168
NOMINAL FLUX(lm)	4586.5	η up(%)	0.9	Power(W)	36.52
LAMPS QUANTITY	1	η down(%)	99.1	Power Factor(PF)	0.967
TEST VOLTAGE(V)	219.1	Effective Flux(lm)	4468.9	EEI	0.111

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2018-01-09

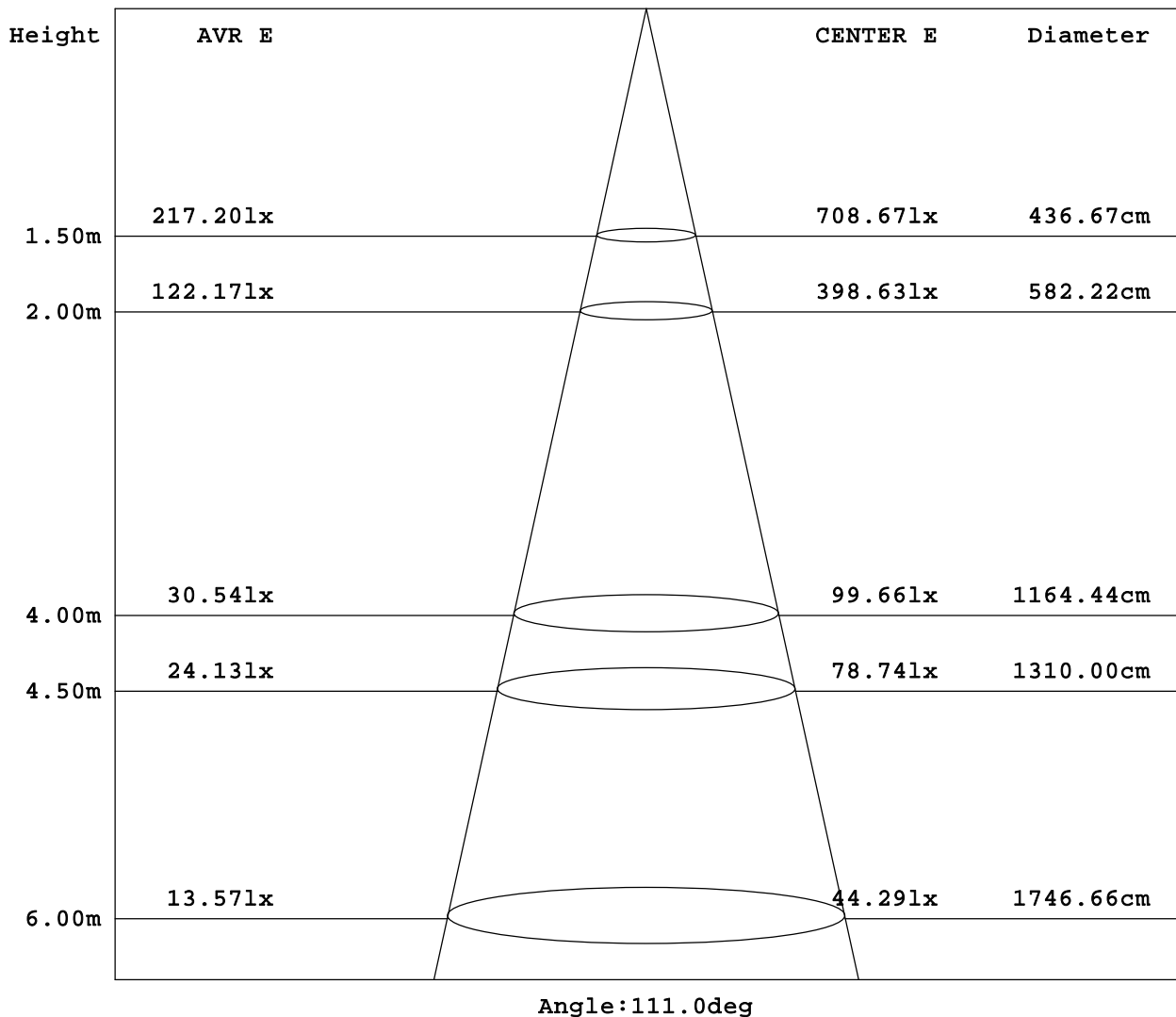
Test Set: 10.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number: 2018020912

MANUFACTURER: SGSLight Limited	Address:	
NAME: TLP-6060-36-NW-120D	TYPE:LED Panel Light	WEIGHT:
SPECIFICATION:4000K CRI>80	DIMENSION: 596x596 mm	SERIAL No.:2018020912



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2018-01-09

Test Set: 10.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number: 2018020912

MANUFACTURER: SGSLight Limited		Address:	
NAME: TLP-6060-36-NW-120D		TYPE:LED Panel Light	WEIGHT:
SPECIFICATION:4000K CRI>80		DIMENSION: 596x596 mm	SERIAL No.:2018020912

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1588	1586	1589	1587	1586	1576	1575	1576	0- 5	37.94	37.94
10.0	1565	1571	1583	1570	1563	1549	1555	1551	5- 10	112.4	150.4
15.0	1525	1544	1550	1542	1524	1511	1509	1515	10- 15	183.1	333.5
20.0	1473	1495	1518	1493	1470	1452	1464	1458	15- 20	247.4	580.9
25.0	1408	1439	1460	1439	1404	1388	1393	1396	20- 25	303.3	884.3
30.0	1329	1369	1402	1369	1327	1309	1322	1318	25- 30	348.7	1233
35.0	1241	1286	1319	1287	1237	1217	1228	1229	30- 35	382.3	1615
40.0	1145	1197	1235	1198	1141	1119	1134	1135	35- 40	402.9	2018
45.0	1034	1089	1130	1095	1037	1008	1022	1022	40- 45	410.1	2429
50.0	921.2	981.5	1025	990.6	920.2	896.7	908.7	910.8	45- 50	403.3	2832
55.0	801.6	858.4	902.3	866.4	802.0	766.1	780.9	787.4	50- 55	383.2	3215
60.0	671.2	734.7	779.2	744.1	677.8	637.1	653.2	664.5	55- 60	350.0	3565
65.0	542.0	599.2	642.6	614.0	545.5	507.0	520.0	529.1	60- 65	305.5	3871
70.0	412.6	464.4	506.0	483.9	417.3	380.7	386.8	398.6	65- 70	251.3	4122
75.0	298.9	334.2	373.3	348.7	291.1	250.6	269.7	276.8	70- 75	191.4	4314
80.0	168.1	211.4	240.5	227.0	158.8	144.5	152.5	166.1	75- 80	130.5	4444
85.0	72.70	104.2	135.2	119.1	75.90	60.96	76.69	73.39	80- 85	73.27	4517
90.0	1.500	13.70	30.00	22.79	7.399	0.900	0.900	0.800	85- 90	26.10	4544
95.0	0.000	5.409	16.04	7.879	10.20	1.464	1.550	1.575	90- 95	3.760	4547
100.0	0.900	2.294	2.100	2.320	9.500	2.180	2.200	2.060	95-100	1.843	4549
105.0	2.500	2.975	2.950	3.627	9.600	3.089	2.900	2.429	100-105	1.589	4551
110.0	4.100	3.685	3.800	4.802	9.000	3.940	3.600	2.689	105-110	1.966	4553
115.0	4.200	4.455	4.650	5.912	9.900	4.756	4.300	3.170	110-115	2.294	4555
120.0	5.799	5.407	5.500	7.253	10.10	5.746	5.000	3.753	115-120	2.591	4558
125.0	7.399	6.028	6.349	8.049	10.19	6.523	5.700	4.292	120-125	2.852	4560
130.0	8.200	6.866	7.200	9.377	11.09	7.322	6.400	5.270	125-130	3.055	4563
135.0	9.100	7.815	8.049	10.29	11.29	8.162	7.099	5.678	130-135	3.182	4567
140.0	10.69	8.904	8.900	10.77	12.10	8.804	7.799	6.538	135-140	3.235	4570
145.0	11.60	9.551	9.749	12.09	13.00	9.512	8.499	7.504	140-145	3.199	4573
150.0	12.40	10.83	10.59	12.73	13.09	10.66	9.199	8.316	145-150	3.070	4576
155.0	13.19	11.67	11.44	13.31	13.89	10.74	9.900	8.992	150-155	2.833	4579
160.0	14.79	12.59	12.29	13.80	14.00	11.27	10.59	10.06	155-160	2.508	4582
165.0	14.90	13.18	13.14	15.16	13.29	12.17	11.29	10.82	160-165	2.077	4584
170.0	14.90	14.49	13.99	15.15	13.29	12.40	11.99	11.67	165-170	1.577	4585
175.0	15.69	15.45	14.84	16.21	13.39	12.90	12.69	12.90	170-175	0.998	4586
180.0	15.69	15.69	15.69	15.69	13.39	13.39	13.39	13.39	175-180	0.346	4587
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2018-01-09

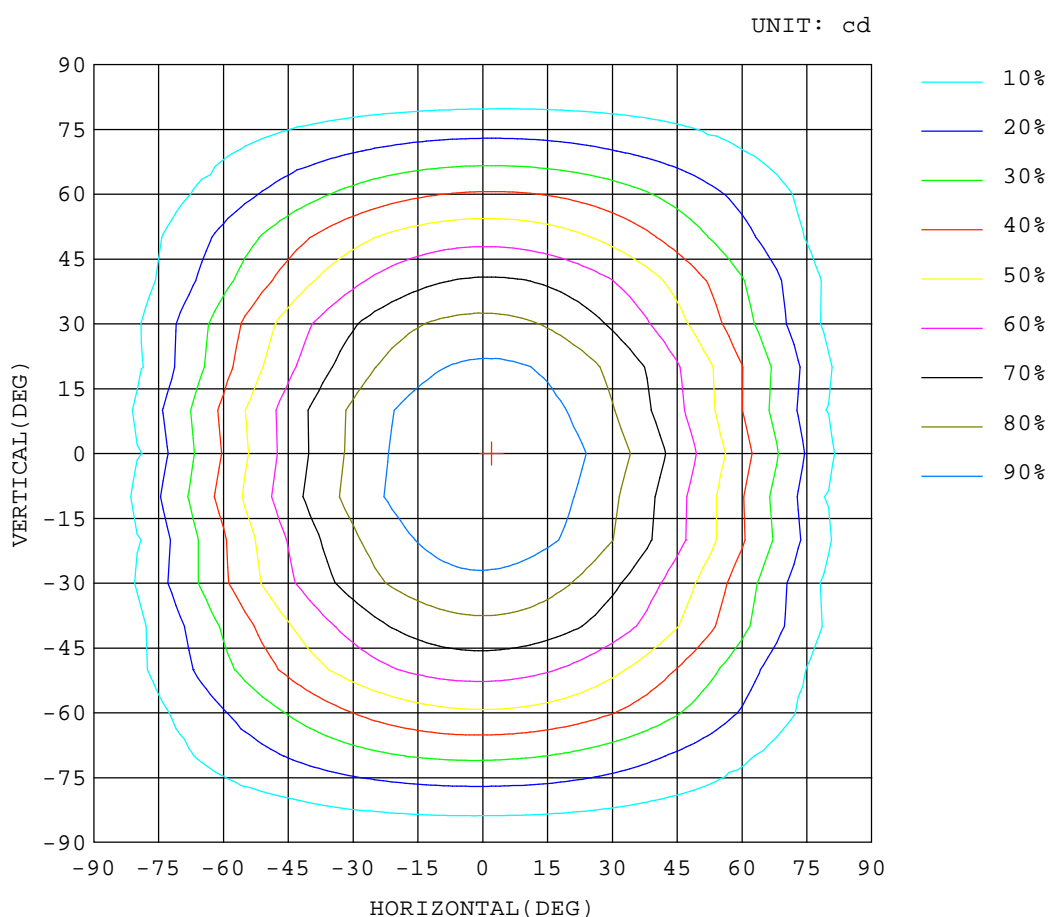
Test Set: 10.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

Report number: 2018020912

MANUFACTURER: SGSLight Limited	Address:	
NAME: TLP-6060-36-NW-120D	TYPE:LED Panel Light	WEIGHT:
SPECIFICATION:4000K CRI>80	DIMENSION: 596x596 mm	SERIAL No.:2018020912



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2018-01-09

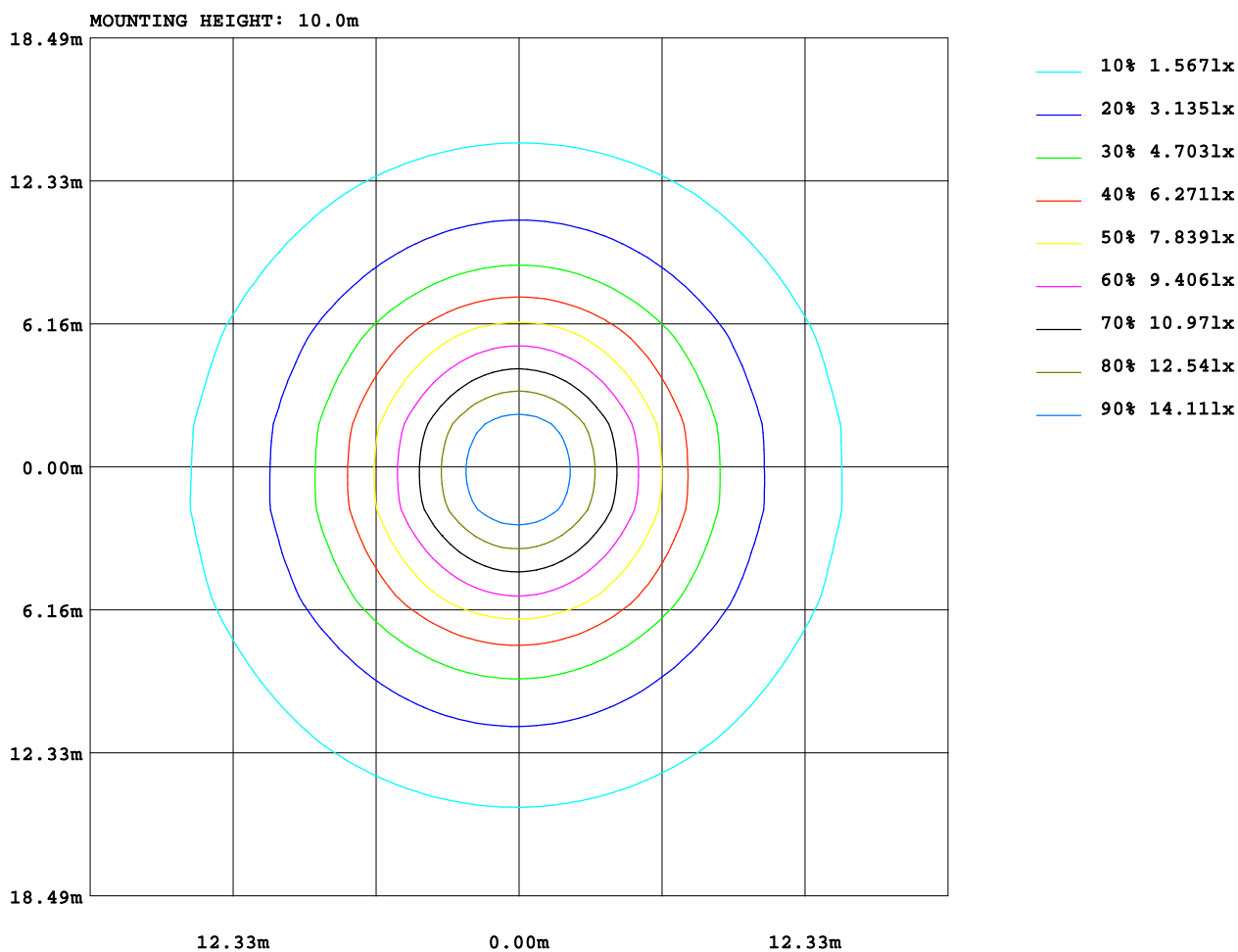
Test Set: 10.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number: 2018020912

MANUFACTURER: SGSLight Limited	Address:	
NAME: TLP-6060-36-NW-120D	TYPE:LED Panel Light	WEIGHT:
SPECIFICATION:4000K CRI>80	DIMENSION: 596x596 mm	SERIAL No.:2018020912



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2018-01-09

Test Set: 10.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

Uncorrected UGR Table

Report number: 2018020912

MANUFACTURER: SGSLight Limited					Address:					
NAME: TLP-6060-36-NW-120D					TYPE:LED Panel Light			WEIGHT:		
SPECIFICATION:4000K CRI>80					DIMENSION: 596x596 mm			SERIAL No.:2018020912		
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	17.6	19.1	17.9	19.3	19.6	18.2	19.7	18.5	19.9	20.1
3H	19.1	20.5	19.4	20.7	21.0	19.9	21.3	20.2	21.5	21.8
4H	19.6	21.0	20.0	21.2	21.5	20.6	21.9	20.9	22.2	22.4
6H	20.0	21.3	20.4	21.6	21.9	21.1	22.4	21.5	22.7	23.0
8H	20.1	21.3	20.5	21.6	22.0	21.4	22.6	21.7	22.9	23.2
12H	20.2	21.4	20.6	21.7	22.0	21.6	22.7	21.9	23.0	23.4
4H 2H	18.3	19.6	18.6	19.9	20.2	18.8	20.1	19.1	20.4	20.6
3H	19.9	21.1	20.3	21.4	21.7	20.6	21.8	21.0	22.1	22.4
4H	20.6	21.7	21.0	22.0	22.4	21.5	22.5	21.9	22.9	23.2
6H	21.1	22.1	21.6	22.5	22.8	22.2	23.1	22.6	23.5	23.9
8H	21.3	22.2	21.7	22.6	23.0	22.5	23.4	22.9	23.8	24.2
12H	21.4	22.2	21.9	22.6	23.1	22.8	23.6	23.2	24.0	24.4
8H 4H	21.0	21.9	21.4	22.3	22.7	21.7	22.6	22.1	23.0	23.4
6H	21.6	22.4	22.1	22.8	23.3	22.6	23.3	23.1	23.8	24.2
8H	21.9	22.6	22.4	23.0	23.5	23.0	23.7	23.5	24.1	24.6
12H	22.1	22.6	22.6	23.1	23.6	23.4	24.0	23.9	24.4	24.9
12H 4H	21.0	21.8	21.5	22.2	22.7	21.7	22.5	22.2	22.9	23.4
6H	21.7	22.4	22.2	22.8	23.3	22.7	23.3	23.1	23.8	24.2
8H	22.1	22.6	22.5	23.1	23.6	23.1	23.7	23.6	24.1	24.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.4					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 4587 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.3)

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2018-01-09

Test Set: 10.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: