

# LUMINAIRE PHOTOMETRIC TEST REPORT

## LAMP PHOTOMETRIC REPORT

MODEL: TLP-F-6012N-72

POWER: 72W

VOLTAGE: 230V

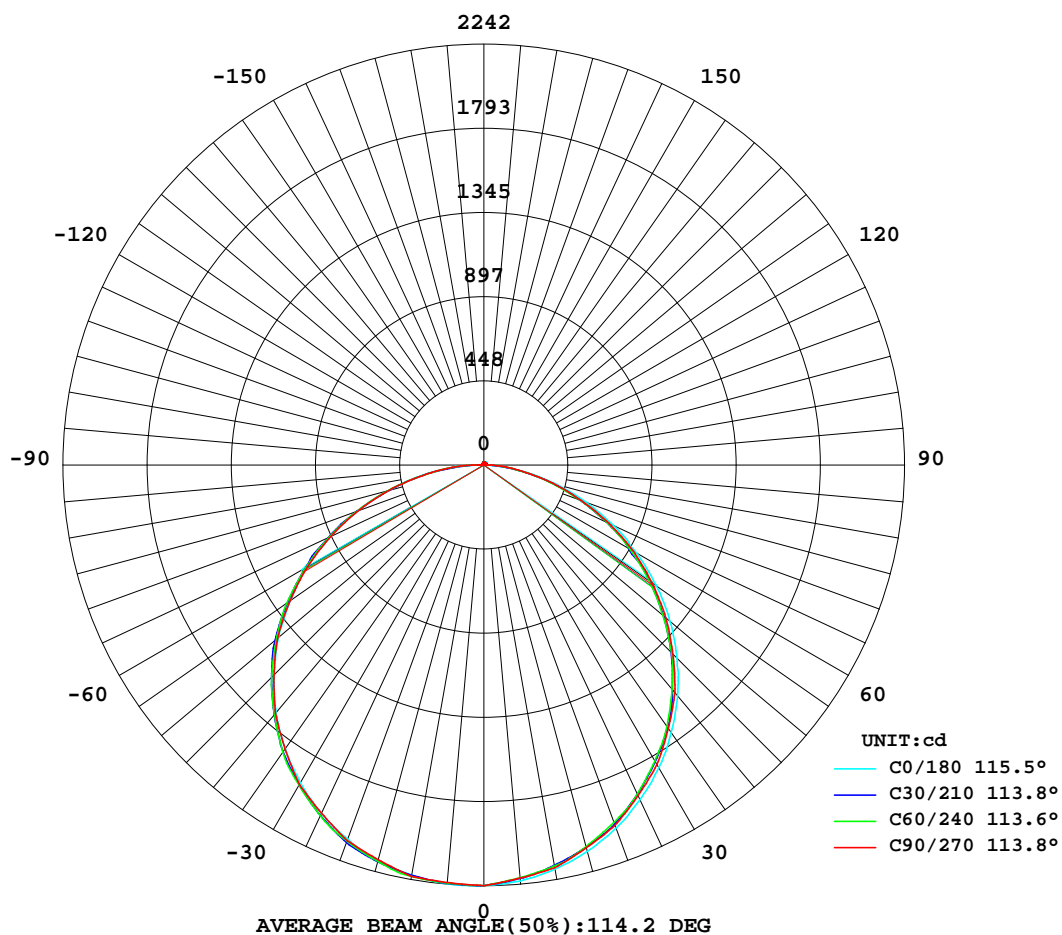
WORKING VOLTAGE: 218.7V

MANUFACTURER: SGSLIGHT LIMITED

TOTAL FLUX: 6587.3 lm

Efficiency: 89.489 lm/W

Test: U: 228.6V I: 0.341A P: 73.61W PF: 0.938



Test System:HOPPO HPG1900  
Temperature:25.3DEG  
Operators:TOM CHEN  
Test Date:2015-04-15

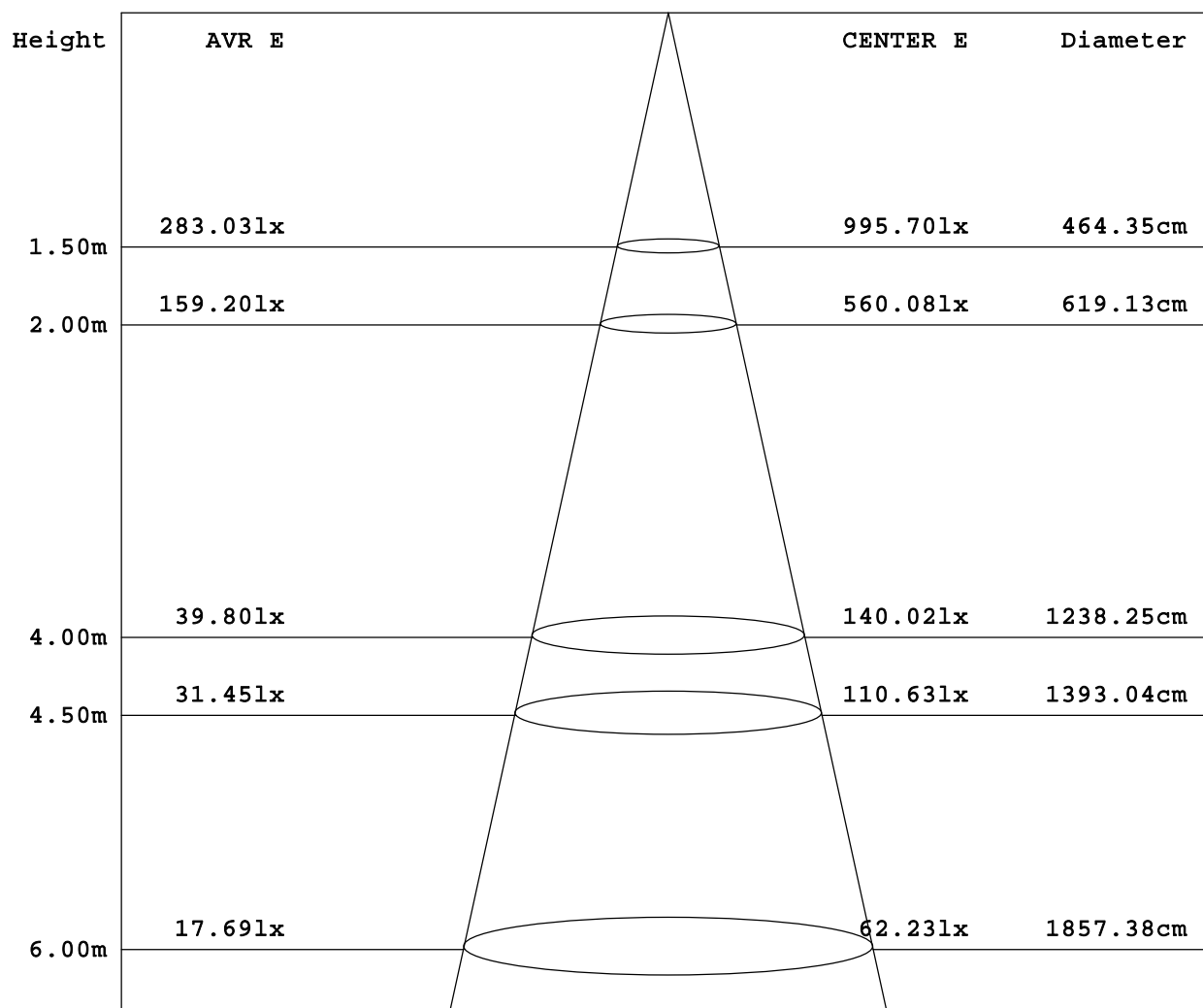
Test Set: 7.0deg/s B-Beta (TYPE B)  
Humidity:65.0%  
Test Distance:7.000 m  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: SGSLIGHT LIMITED	Address:	
NAME: LED PANEL	TYPE:	WEIGHT:
SPECIFICATION:TLP-F-6012N-72	DIMENSION: 596X1196X11MM SERIAL No.:	



Angle:114.3deg

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

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

# LUMINAIRE PHOTOMETRIC TEST REPORT

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: SGSLIGHT LIMITED		Address:	
NAME: LED PANEL		TYPE:	WEIGHT:
SPECIFICATION:TLP-F-6012N-72		DIMENSION: 596X1196X11MM SERIAL No.:	

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	2239	2236	2232	2224	2225	2207	2209	2220	0- 5	53.30	53.30
10.0	2218	2221	2225	2199	2186	2166	2178	2191	5- 10	158.0	211.3
15.0	2180	2194	2177	2157	2131	2108	2111	2146	10- 15	257.6	469.0
20.0	2121	2132	2129	2087	2059	2024	2043	2073	15- 20	348.5	817.6
25.0	2048	2063	2047	2011	1968	1934	1944	1991	20- 25	428.1	1246
30.0	1956	1971	1966	1913	1863	1823	1844	1889	25- 30	493.4	1739
35.0	1845	1865	1846	1797	1739	1695	1714	1773	30- 35	542.7	2282
40.0	1722	1746	1727	1675	1606	1562	1584	1645	35- 40	573.6	2856
45.0	1580	1600	1581	1528	1454	1408	1425	1494	40- 45	585.7	3441
50.0	1428	1447	1435	1383	1295	1256	1266	1336	45- 50	577.8	4019
55.0	1259	1277	1261	1210	1120	1075	1093	1161	50- 55	551.0	4570
60.0	1119	1103	1086	1045	941.9	899.6	919.7	984.6	55- 60	505.8	5076
65.0	899.1	909.8	898.1	859.4	763.6	721.4	733.8	797.3	60- 65	444.2	5520
70.0	714.6	716.9	710.4	679.1	578.1	546.0	548.0	610.7	65- 70	369.2	5890
75.0	523.6	528.1	522.5	495.8	400.4	369.1	381.7	428.4	70- 75	285.1	6175
80.0	346.1	342.1	334.6	326.7	230.9	221.1	215.3	259.9	75- 80	197.1	6372
85.0	180.2	173.2	184.0	170.2	51.16	98.83	109.9	116.7	80- 85	112.4	6484
90.0	20.39	25.81	33.37	25.63	7.925	4.913	4.449	4.634	85- 90	40.12	6525
95.0	2.780	11.49	19.37	11.25	15.71	5.534	5.191	5.517	90- 95	6.153	6531
100.0	3.939	5.782	5.376	5.788	14.73	6.275	5.932	6.053	95-100	3.887	6535
105.0	5.052	6.316	6.118	6.782	14.13	7.089	6.535	6.380	100-105	3.507	6538
110.0	6.164	6.907	6.859	7.742	13.48	7.950	7.137	6.713	105-110	3.775	6542
115.0	7.276	7.530	7.601	8.699	13.30	8.722	7.740	7.095	110-115	3.990	6546
120.0	8.389	8.178	8.342	9.516	13.48	9.473	8.342	7.544	115-120	4.166	6550
125.0	9.177	8.848	9.084	10.43	14.09	10.23	8.945	8.075	120-125	4.288	6554
130.0	10.28	9.572	9.826	11.19	14.64	11.10	9.547	8.806	125-130	4.355	6559
135.0	11.40	10.23	10.56	12.12	15.43	11.76	10.15	9.411	130-135	4.347	6563
140.0	12.51	11.17	11.30	12.82	15.80	12.41	10.75	10.00	135-140	4.256	6567
145.0	13.25	11.70	12.05	13.53	16.17	12.81	11.35	10.86	140-145	4.066	6571
150.0	13.99	12.70	12.79	14.16	16.50	13.34	11.95	11.28	145-150	3.793	6575
155.0	14.73	13.61	13.53	14.77	16.54	13.70	12.56	12.11	150-155	3.420	6579
160.0	15.48	14.23	14.27	15.35	16.22	14.39	13.16	12.92	155-160	2.959	6582
165.0	16.17	15.05	15.01	15.77	16.26	14.87	13.76	13.63	160-165	2.424	6584
170.0	16.54	15.87	15.75	16.50	16.26	15.66	14.36	14.37	165-170	1.813	6586
175.0	16.91	16.55	16.50	16.90	16.31	15.50	14.97	15.14	170-175	1.131	6587
180.0	17.24	17.24	17.24	17.24	15.57	15.57	15.57	15.57	175-180	0.388	6587
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

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

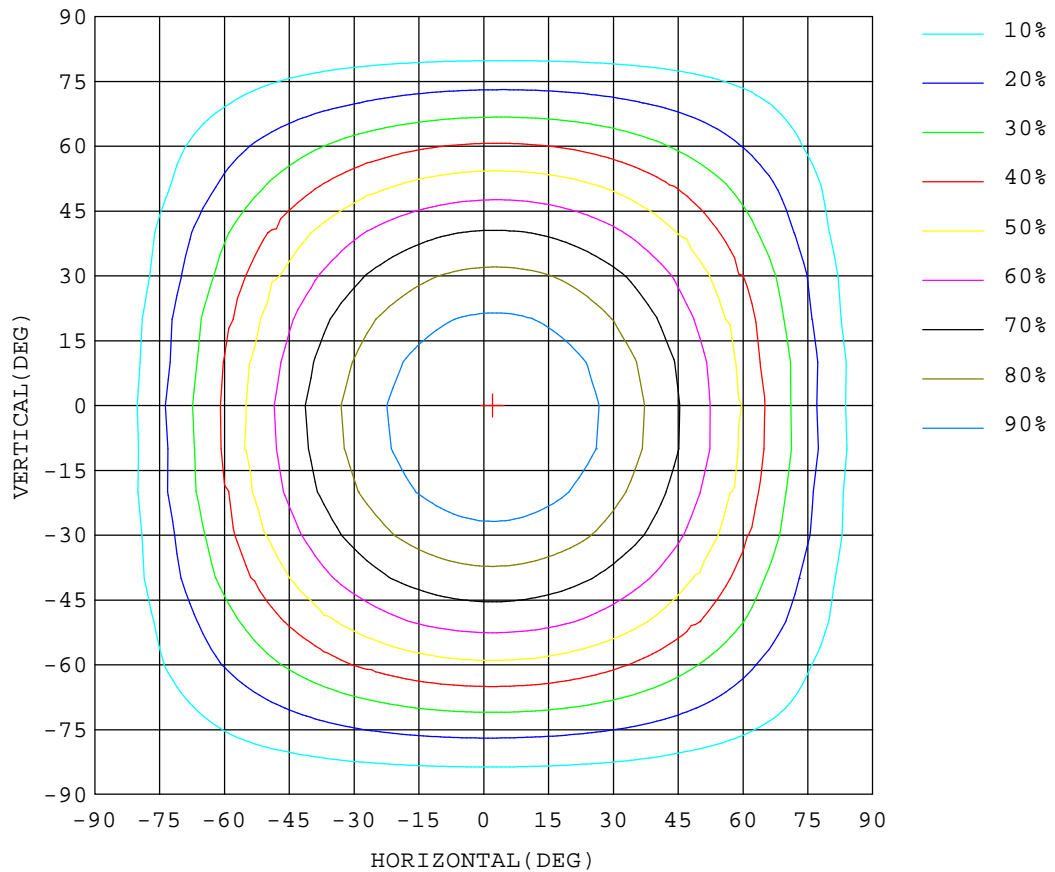
# LUMINAIRE PHOTOMETRIC TEST REPORT

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: SGSLIGHT LIMITED	Address:	
NAME: LED PANEL	TYPE:	WEIGHT:
SPECIFICATION:TLP-F-6012N-72	DIMENSION: 596X1196X11MM SERIAL No.:	

UNIT: cd



Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
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 Test Date:2015-04-15

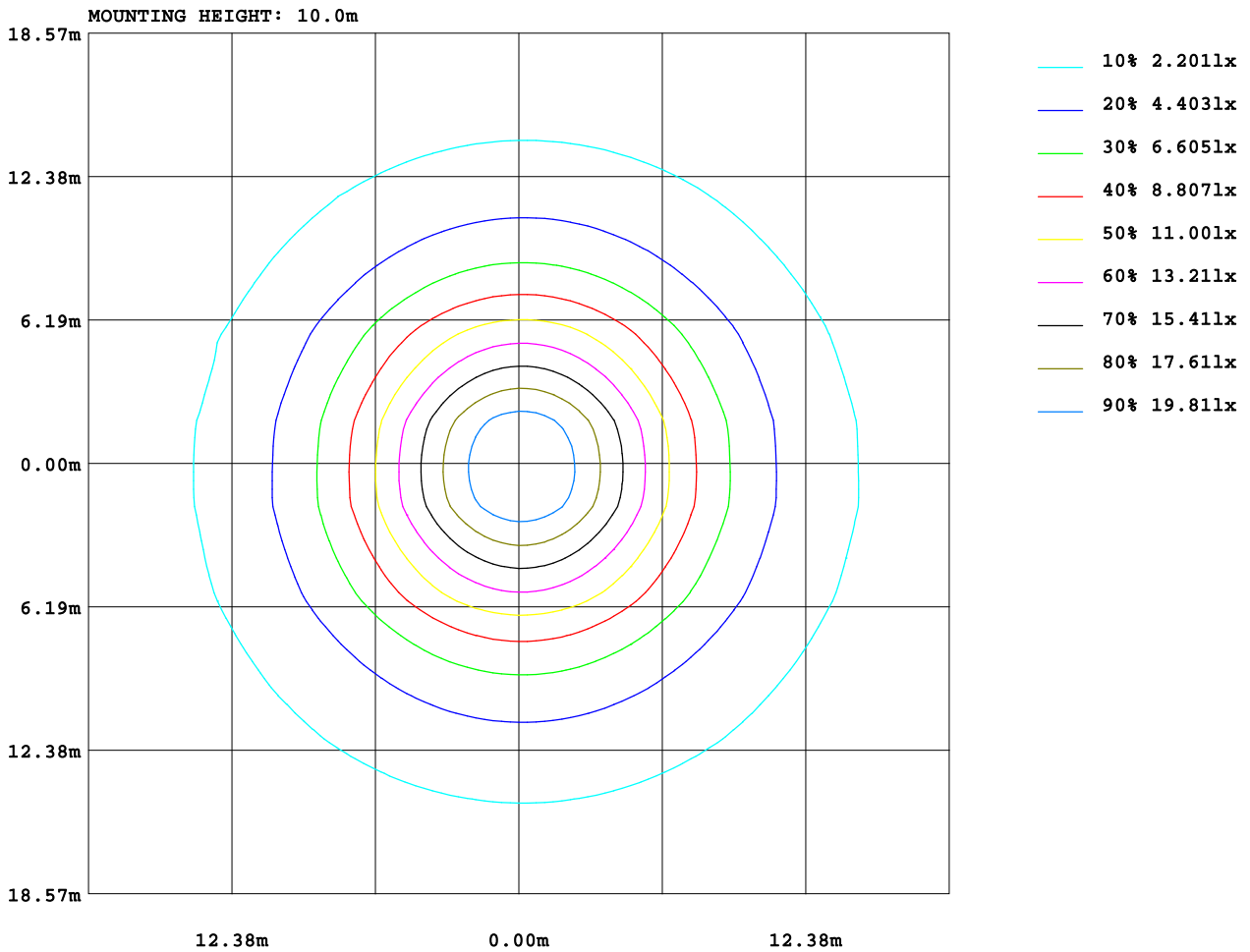
Test Set: 7.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks:

# LUMINAIRE PHOTOMETRIC TEST REPORT

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: SGSLIGHT LIMITED	Address:	
NAME: LED PANEL	TYPE:	WEIGHT:
SPECIFICATION:TLP-F-6012N-72	DIMENSION: 596X1196X11MM SERIAL No.:	



Test System:HOPPOO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

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

# LUMINAIRE PHOTOMETRIC TEST REPORT

## AREA LUMINOUS FLUX

Report number:

MANUFACTURER: SGSLIGHT LIMITED										Address:									
NAME: LED PANEL										TYPE:					WEIGHT:				
SPECIFICATION:TLP-F-6012N-72										DIMENSION: 596X1196X11MM SERIAL No.:									

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a				
	0.01	0.04	0.06	0.08	0.10	0.10	0.11	0.11	0.11	0.11	0.11	0.10	0.10	0.09	0.07	0.06	0.04	0.02	1.42	1.42						
90	0.02	0.30	1.23	2.70	4.39	6.12	7.67	8.88	9.60	9.75	9.31	8.32	6.89	5.21	3.47	1.85	0.66	0.09	86.5	86.5						
80	0.05	0.79	2.76	5.77	9.38	13.2	16.8	19.6	21.3	21.6	20.5	18.1	14.8	11.0	7.23	3.89	1.43	0.21	189	189						
70	0.11	1.36	4.55	9.24	14.9	20.8	26.3	30.6	33.1	33.4	31.5	27.7	22.5	16.5	10.6	5.61	1.97	0.27	292	292						
60	0.12	1.72	5.80	11.9	19.4	27.3	34.4	39.9	43.1	43.6	41.2	36.4	29.6	21.9	14.3	7.64	2.77	0.36	382	382						
50	0.19	2.39	7.57	15.1	23.9	33.4	42.0	48.5	52.3	52.7	49.8	43.8	35.7	26.4	17.0	9.00	3.19	0.42	464	464						
40	0.22	2.60	8.33	16.8	27.4	37.8	47.5	54.9	59.2	59.7	56.5	49.9	40.8	30.2	19.6	10.5	3.96	0.54	527	527						
30	0.28	3.17	9.50	18.7	29.9	41.5	51.8	59.8	64.3	64.8	61.2	54.0	44.0	32.5	21.2	11.2	4.10	0.58	573	573						
20	0.30	3.11	9.66	19.6	31.1	43.2	54.2	62.5	67.4	67.9	64.2	56.7	46.3	34.3	22.3	11.9	4.50	0.68	600	600						
10	0.36	3.43	10.1	20.0	31.9	44.1	55.0	63.4	68.2	68.6	64.8	57.1	46.5	34.4	22.3	11.8	4.29	0.63	608	608						
0	0.33	3.11	9.61	19.4	30.8	42.7	53.5	61.8	66.5	67.0	63.3	55.9	45.6	33.7	21.9	11.7	4.40	0.66	593	593						
-10	0.34	3.18	9.41	18.2	29.2	40.4	50.5	58.2	62.5	62.9	59.3	52.2	42.5	31.3	20.3	10.6	3.86	0.55	556	556						
-20	0.29	2.65	8.11	16.4	26.0	36.2	45.4	52.5	56.5	56.9	53.7	47.3	38.5	28.5	18.4	9.79	3.67	0.55	502	502						
-30	0.26	2.50	7.23	14.1	22.5	31.1	38.9	44.9	48.3	48.6	45.8	40.2	32.6	23.9	15.4	8.05	2.89	0.41	428	428						
-40	0.19	1.83	5.49	11.0	17.7	24.7	31.0	35.9	38.6	38.9	36.7	32.2	26.1	19.1	12.4	6.59	2.48	0.36	342	342						
-50	0.16	1.49	4.19	8.07	12.7	17.6	21.9	25.4	27.3	27.5	25.9	22.6	18.2	13.3	8.47	4.43	1.59	0.21	242	242						
-60	0.08	0.81	2.36	4.59	7.26	10.0	12.6	14.5	15.7	15.8	14.8	13.0	10.6	7.82	5.11	2.76	1.03	0.11	139	139						
-70	0.04	0.27	0.91	1.69	2.48	3.21	3.83	4.28	4.50	4.46	4.19	3.70	3.06	2.30	1.49	0.74	0.19	0.02	41.4	41.4						
-80																										
-90																										
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)										20	30	40	50	60	70	80	90
Φ t	3.34	34.7	107	214	342	474	594	687	739	745	704	620	505	373	242	128	47.0	6.66	6587							
Φ a	3.34	34.7	107	214	342	474	594	687	739	745	704	620	505	373	242	128	47.0	6.66		6587						

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

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

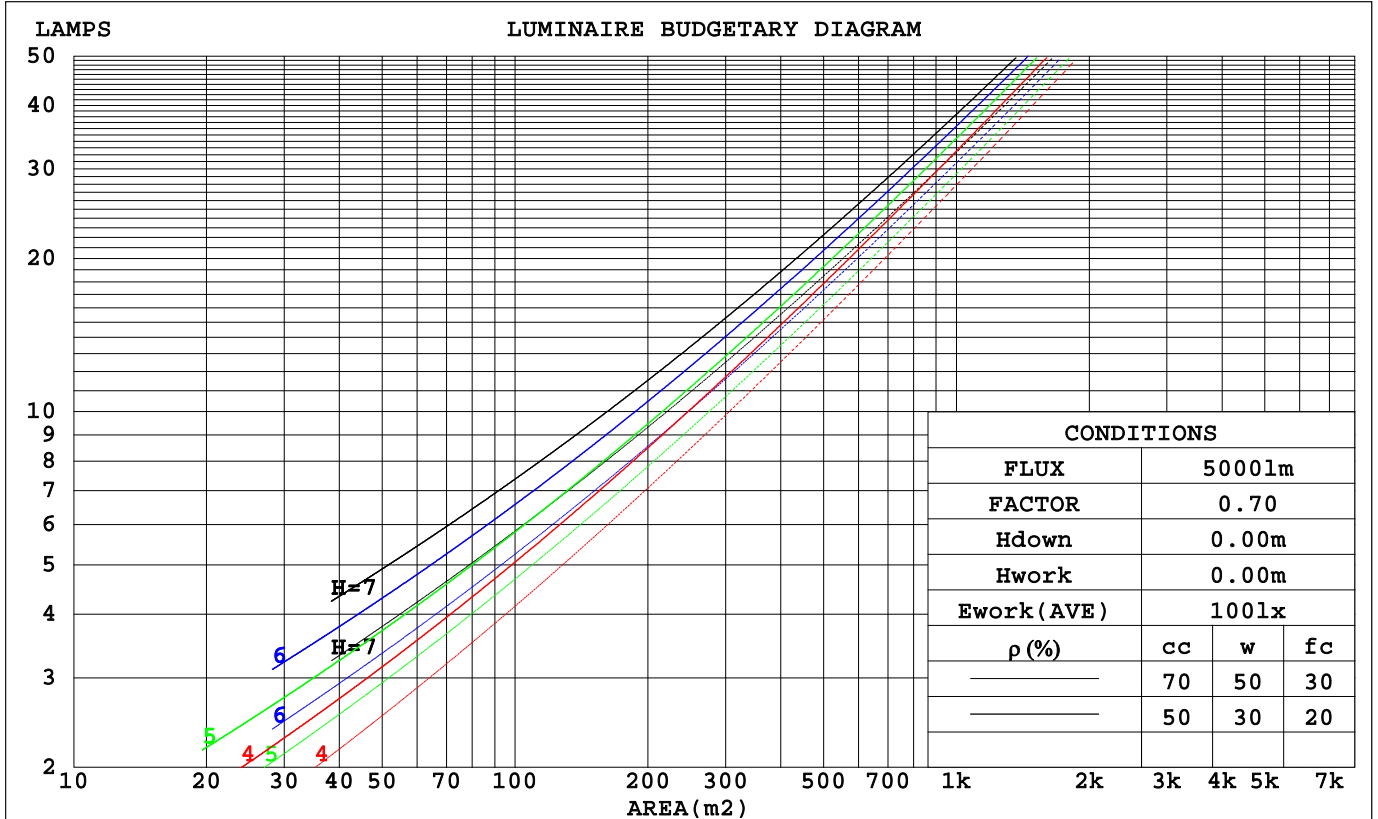
LUMINAIRE PHOTOMETRIC TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER: SGSLIGHT LIMITED				Address:							
NAME: LED PANEL				TYPE:				WEIGHT:			
SPECIFICATION:TLP-F-6012N-72				DIMENSION: 596X1196X11MM				SERIAL No.:			

ρcc	80%			70%			50%			30%			10%			0														
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%															
ρw	20%			20%			20%			20%			20%			0														
ρfc	20%			20%			20%			20%			20%																	
RCR	RCR:Room Cavity Ratio															Coefficients of Utilization(CU)														
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99														
1.0	1.03	.99	.95	1.01	.97	.93	.96	.93	.90	.92	.90	.87	.89	.86	.84	.82														
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.77	.74	.70	.68														
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.68	.64	.59	.57														
4.0	.70	.61	.54	.68	.60	.53	.66	.58	.53	.63	.57	.52	.61	.55	.51	.49														
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42														
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.44	.39	.49	.43	.39	.37														
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.34	.32														
8.0	.46	.38	.32	.45	.37	.32	.44	.37	.31	.43	.36	.31	.41	.35	.31	.29														
9.0	.42	.34	.28	.42	.34	.28	.40	.33	.28	.39	.33	.28	.38	.32	.28	.26														
10.0	.39	.31	.26	.38	.31	.26	.37	.30	.26	.36	.30	.25	.35	.29	.25	.23														



Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

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

LUMINAIRE PHOTOMETRIC TEST REPORT

WEC AND CCEC

Report number:

MANUFACTURER: SGSLIGHT LIMITED	Address:		
NAME: LED PANEL	TYPE:	WEIGHT:	
SPECIFICATION:TLP-F-6012N-72	DIMENSION: 596X1196X11MM SERIAL No.:		

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.317	.180	.057	.309	.176	.056	.295	.169	.054	.283	.163	.052	.271	.157	.051	
2.0	.296	.162	.050	.289	.159	.049	.277	.154	.048	.266	.149	.047	.255	.144	.046	
3.0	.273	.145	.043	.267	.143	.043	.256	.139	.042	.246	.135	.041	.237	.131	.041	
4.0	.251	.131	.038	.246	.129	.038	.237	.125	.037	.228	.122	.037	.219	.119	.036	
5.0	.232	.118	.034	.227	.117	.034	.219	.114	.034	.211	.111	.033	.203	.109	.033	
6.0	.215	.108	.031	.211	.106	.031	.203	.104	.030	.196	.102	.030	.189	.100	.030	
7.0	.200	.099	.028	.196	.098	.028	.189	.096	.028	.183	.094	.027	.177	.092	.027	
8.0	.186	.091	.026	.183	.090	.025	.177	.088	.025	.171	.087	.025	.166	.085	.025	
9.0	.175	.084	.024	.172	.084	.023	.166	.082	.023	.161	.081	.023	.156	.079	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.074	.021	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.198	.198	.198	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.188	.163	.141	.161	.140	.121	.110	.096	.084	.063	.056	.049	.020	.018	.016	
2.0	.180	.139	.105	.154	.120	.091	.106	.083	.063	.061	.048	.037	.020	.016	.012	
3.0	.172	.122	.081	.148	.105	.070	.101	.073	.049	.059	.043	.029	.019	.014	.010	
4.0	.165	.108	.065	.141	.094	.057	.097	.065	.040	.056	.038	.024	.018	.012	.008	
5.0	.157	.098	.054	.135	.085	.047	.093	.059	.033	.054	.035	.020	.017	.011	.007	
6.0	.150	.090	.046	.129	.078	.040	.089	.054	.029	.052	.032	.017	.017	.010	.006	
7.0	.143	.083	.041	.123	.072	.035	.085	.050	.025	.049	.030	.015	.016	.010	.005	
8.0	.137	.077	.036	.118	.067	.031	.081	.047	.022	.047	.028	.013	.015	.009	.004	
9.0	.131	.072	.033	.113	.063	.028	.078	.044	.020	.045	.026	.012	.015	.009	.004	
10.0	.125	.068	.030	.108	.059	.026	.075	.041	.019	.044	.025	.011	.014	.008	.004	

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

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



LUMINAIRE PHOTOMETRIC TEST REPORT

Uncorrected UGR Table

Report number:

MANUFACTURER: SGSLIGHT LIMITED					Address:					
NAME: LED PANEL					TYPE:			WEIGHT:		
SPECIFICATION:TLP-F-6012N-72					DIMENSION: 596X1196X11MM 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	17.0	18.5	17.3	18.8	19.0	17.0	18.5	17.3	18.7	19.0
3H	18.7	20.1	19.0	20.3	20.6	18.6	20.1	19.0	20.3	20.6
4H	19.4	20.7	19.7	21.0	21.3	19.4	20.7	19.7	21.0	21.2
6H	20.0	21.2	20.3	21.5	21.8	19.9	21.2	20.3	21.5	21.8
8H	20.2	21.4	20.5	21.7	22.0	20.1	21.3	20.5	21.6	21.9
12H	20.3	21.5	20.7	21.8	22.2	20.3	21.5	20.7	21.8	22.1
4H 2H	17.7	19.0	18.0	19.3	19.6	17.7	19.0	18.0	19.3	19.5
3H	19.5	20.7	19.9	21.0	21.3	19.5	20.7	19.9	21.0	21.3
4H	20.4	21.4	20.8	21.8	22.1	20.3	21.4	20.7	21.8	22.1
6H	21.1	22.0	21.5	22.4	22.8	21.0	22.0	21.4	22.4	22.7
8H	21.3	22.2	21.8	22.6	23.0	21.3	22.2	21.7	22.6	23.0
12H	21.6	22.4	22.0	22.8	23.2	21.6	22.4	22.0	22.8	23.2
8H 4H	20.7	21.6	21.1	22.0	22.4	20.7	21.5	21.1	21.9	22.3
6H	21.6	22.3	22.0	22.7	23.2	21.5	22.3	22.0	22.7	23.1
8H	21.9	22.6	22.4	23.0	23.5	21.9	22.6	22.4	23.0	23.5
12H	22.2	22.8	22.7	23.3	23.8	22.3	22.8	22.8	23.3	23.8
12H 4H	20.7	21.5	21.2	21.9	22.4	20.7	21.5	21.1	21.9	22.3
6H	21.6	22.3	22.1	22.7	23.2	21.6	22.3	22.1	22.7	23.2
8H	22.1	22.6	22.6	23.1	23.6	22.0	22.6	22.5	23.1	23.6
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 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 6587 lm Total Lamp Luminous Flux.(8log(F/F0) = 6.5)

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

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

# LUMINAIRE PHOTOMETRIC TEST REPORT

## UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER: SGSLIGHT LIMITED	Address:	
NAME: LED PANEL	TYPE:	WEIGHT:
SPECIFICATION:TLP-F-6012N-72	DIMENSION: 596X1196X11MM SERIAL No.:	

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	54	47	40
1.00	75	64	56	74	63	56	72	65	56	48
1.25	82	72	64	81	71	64	78	69	63	56
1.50	87	77	70	86	76	70	82	74	68	61
2.00	94	85	79	92	84	78	89	82	76	68
2.50	98	90	84	96	89	83	92	86	81	73
3.00	102	95	89	99	93	88	95	90	85	77
4.00	106	100	95	103	98	94	99	94	91	82
5.00	108	103	99	106	101	97	101	97	94	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

Test System:HOPPO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

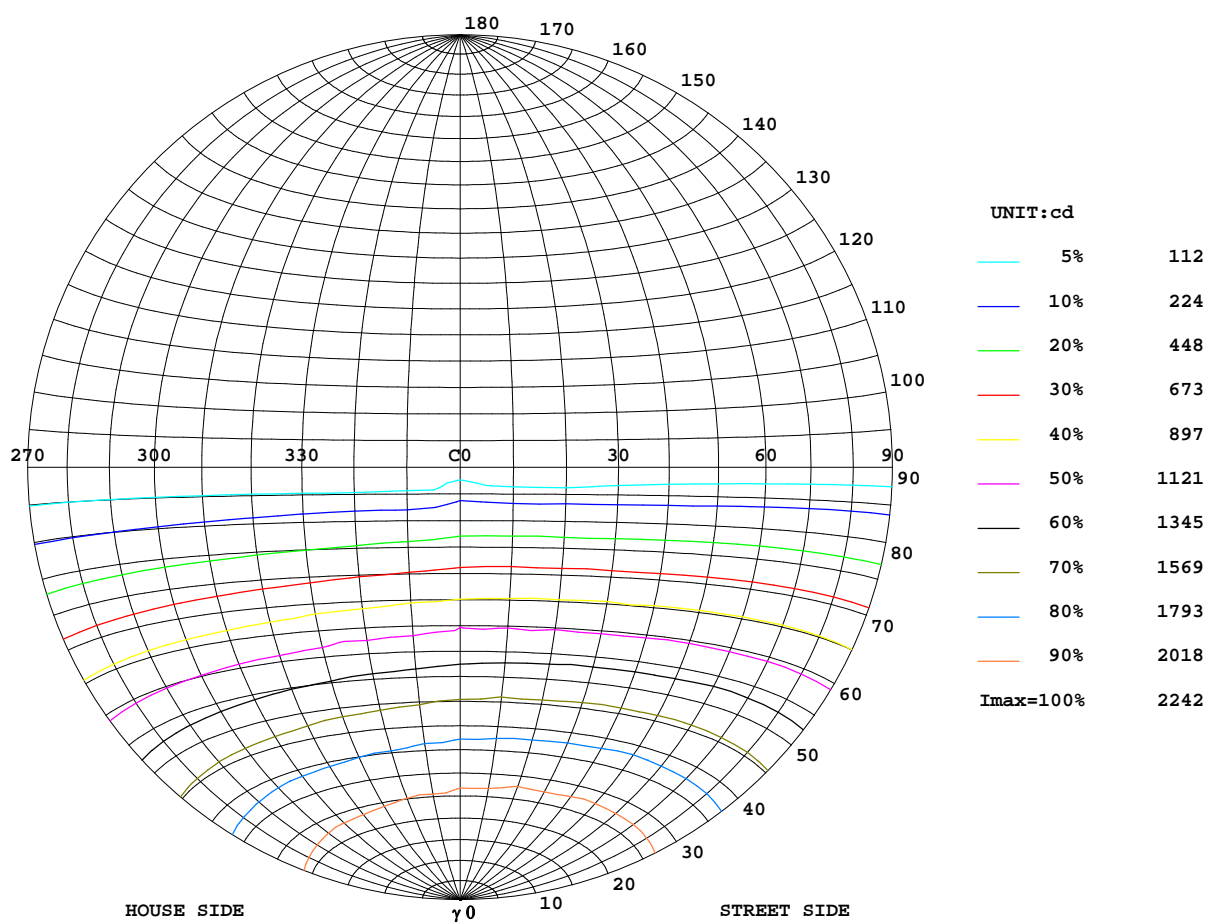
Test Set: 7.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks:

# LUMINAIRE PHOTOMETRIC TEST REPORT

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: SGSLIGHT LIMITED	Address:	
NAME: LED PANEL	TYPE:	WEIGHT:
SPECIFICATION:TLP-F-6012N-72	DIMENSION: 596X1196X11MM SERIAL No.:	



Test System:HOPPO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

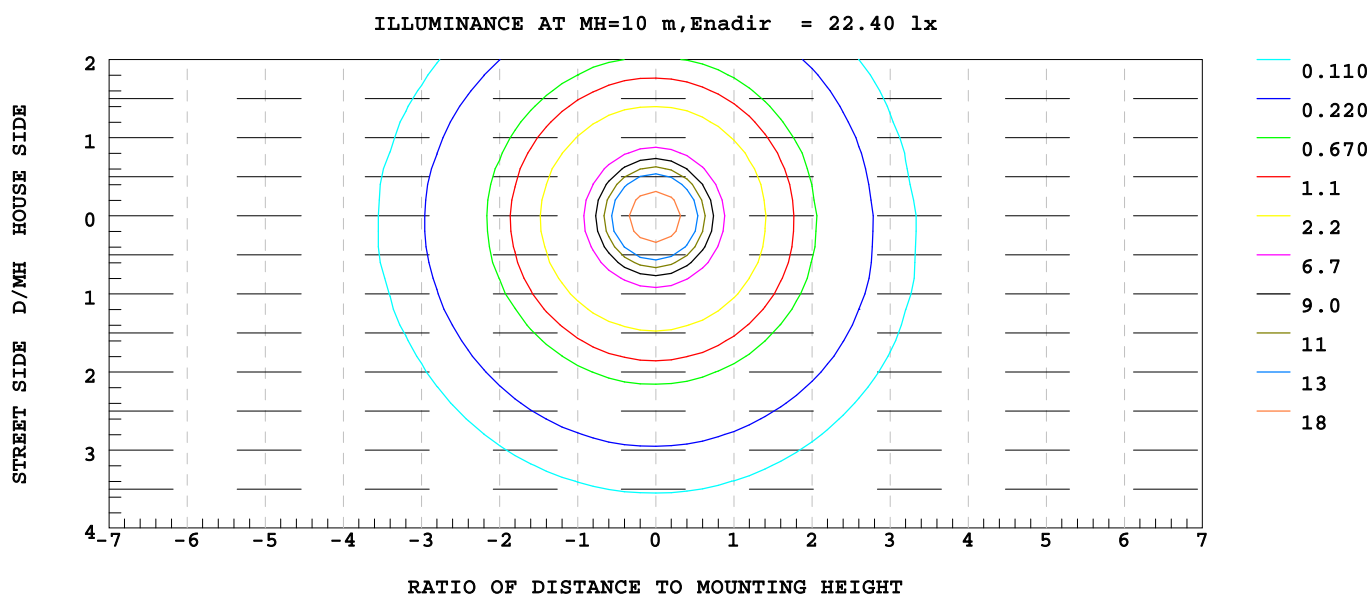
Test Set: 7.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks:

# LUMINAIRE PHOTOMETRIC TEST REPORT

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: SGSLIGHT LIMITED	Address:	
NAME: LED PANEL	TYPE:	WEIGHT:
SPECIFICATION:TLP-F-6012N-72	DIMENSION: 596X1196X11MM SERIAL No.:	



Test System:HOPPO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

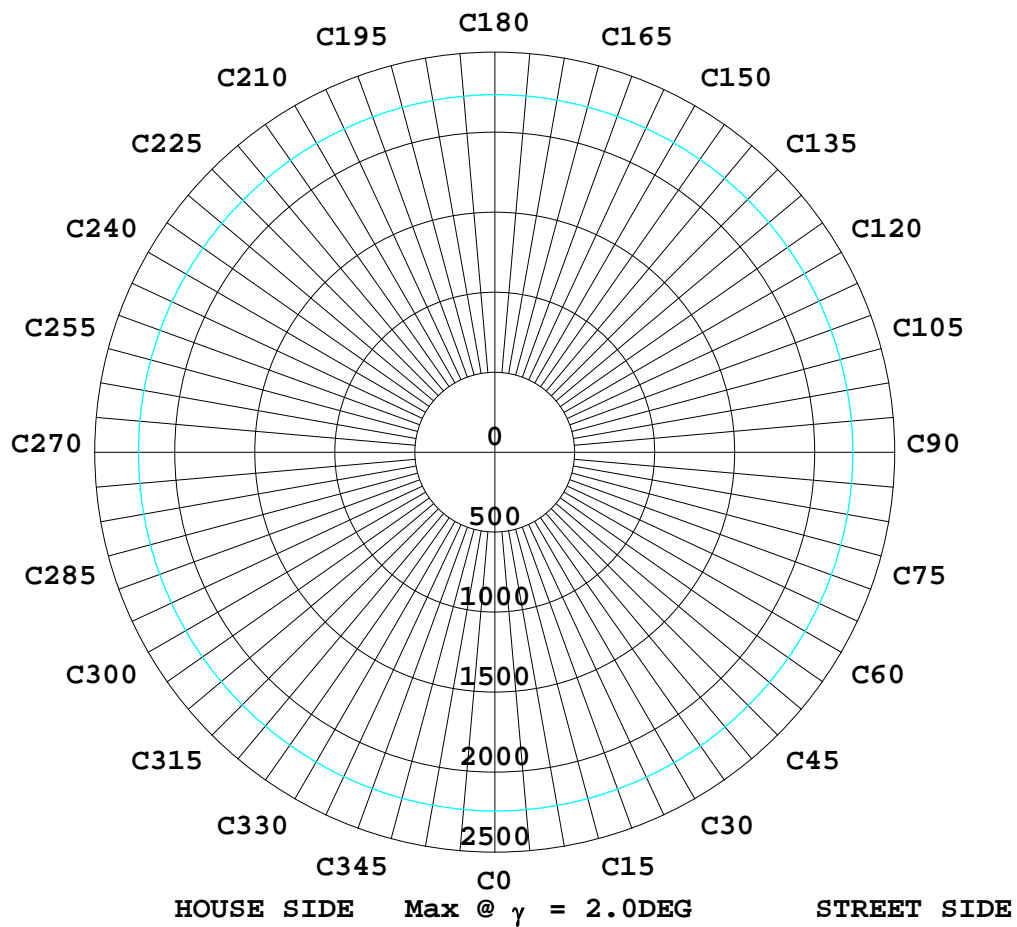
Test Set: 7.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:7.000 m  
 Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER: SGSLIGHT LIMITED	Address:	
NAME: LED PANEL	TYPE:	WEIGHT:
SPECIFICATION:TLP-F-6012N-72	DIMENSION: 596X1196X11MM SERIAL No.:	



Test System:HOPPO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

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

# LUMINAIRE PHOTOMETRIC TEST REPORT

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER: SGSLIGHT LIMITED</b>	<b>Address:</b>	
<b>NAME: LED PANEL</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:TLP-F-6012N-72</b>	<b>DIMENSION: 596X1196X11MM SERIAL No.:</b>	

UNIT: cd

γ (DEG)	C(DEG)															
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	
0.0	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	
5.0	2239	2239	2238	2237	2237	2237	2236	2236	2236	2236	2236	2235	2235	2235	2235	
10.0	2218	2217	2217	2217	2217	2218	2219	2220	2221	2221	2223	2224	2226	2227	2227	
15.0	2180	2179	2178	2179	2181	2184	2188	2191	2195	2194	2192	2189	2186	2185	2184	
20.0	2121	2120	2122	2125	2129	2135	2140	2136	2134	2132	2132	2132	2132	2133	2134	
25.0	2048	2046	2049	2054	2063	2064	2060	2059	2060	2063	2067	2064	2061	2058	2057	
30.0	1956	1955	1959	1967	1970	1967	1967	1971	1974	1971	1970	1970	1970	1971	1971	
35.0	1845	1846	1854	1865	1859	1858	1865	1864	1862	1865	1869	1872	1867	1863	1859	
40.0	1722	1722	1731	1734	1733	1738	1737	1739	1745	1746	1742	1739	1737	1735	1735	
45.0	1580	1584	1600	1592	1595	1597	1600	1610	1603	1600	1597	1601	1599	1597	1593	
50.0	1428	1432	1440	1437	1440	1445	1453	1445	1445	1447	1445	1443	1443	1443	1442	
55.0	1259	1269	1270	1270	1276	1281	1276	1277	1277	1277	1279	1282	1281	1277	1273	
60.0	1119	1098	1101	1094	1106	1098	1098	1097	1101	1103	1100	1098	1096	1094	1095	
65.0	899	908	907	907	909	911	914	900	911	910	910	909	909	908	908	
70.0	715	722	721	720	719	723	720	717	716	717	718	718	718	718	717	
75.0	524	526	533	526	530	523	522	524	526	528	528	529	528	528	527	
80.0	346	350	341	339	335	339	341	342	342	342	342	341	340	338	337	
85.0	180	170	157	160	157	158	160	166	170	173	176	179	181	182	183	
90.0	20.3	6.62	7.55	9.26	11.8	14.8	17.7	20.7	23.4	25.8	27.8	29.8	31.4	32.8	34.0	
95.0	2.78	4.41	5.15	5.41	5.47	5.46	5.51	7.52	9.53	11.4	13.2	15.0	16.4	17.7	18.8	
100.0	3.93	4.63	5.11	5.53	5.68	5.77	5.79	5.80	5.81	5.78	5.73	5.68	5.63	5.58	5.53	
105.0	5.05	5.36	5.63	5.92	6.04	6.13	6.22	6.28	6.30	6.31	6.31	6.29	6.26	6.21	6.19	
110.0	6.16	6.22	6.24	6.41	6.44	6.64	6.67	6.78	6.82	6.90	6.89	6.91	6.89	6.87	6.87	
115.0	7.27	7.18	7.07	7.05	7.16	7.18	7.30	7.36	7.51	7.53	7.54	7.56	7.58	7.54	7.55	
120.0	8.38	8.07	7.90	7.79	7.75	7.90	8.00	8.04	8.13	8.17	8.22	8.17	8.21	8.23	8.29	
125.0	9.17	8.84	8.60	8.70	8.63	8.65	8.72	8.83	8.79	8.84	8.92	8.86	8.82	8.93	9.01	
130.0	10.2	10.0	9.90	9.62	9.48	9.66	9.57	9.51	9.61	9.57	9.56	9.60	9.57	9.67	9.69	
135.0	11.4	11.1	10.9	10.6	10.5	10.4	10.4	10.3	10.3	10.2	10.3	10.1	10.3	10.4	10.3	
140.0	12.5	12.1	11.7	11.6	11.4	11.3	11.3	11.2	11.0	11.1	10.9	11.0	11.1	11.1	11.2	
145.0	13.2	12.9	12.7	12.5	12.3	12.2	12.0	11.9	11.9	11.7	11.7	11.8	11.9	11.8	11.9	
150.0	13.9	13.7	13.5	13.4	13.1	13.1	12.8	12.6	12.6	12.7	12.7	12.7	12.6	12.7	12.5	
155.0	14.7	14.4	14.2	13.9	13.8	13.7	13.6	13.6	13.6	13.6	13.5	13.3	13.4	13.3	13.2	
160.0	15.4	15.2	15.1	15.0	14.8	14.6	14.7	14.5	14.4	14.2	14.3	14.2	14.1	14.0	14.2	
165.0	16.1	15.9	15.8	15.6	15.4	15.4	15.4	15.3	15.1	15.0	14.9	14.8	14.9	14.9	14.8	
170.0	16.5	16.4	16.3	16.1	16.0	15.9	15.8	15.7	15.7	15.8	15.8	15.7	15.6	15.6	15.7	
175.0	16.9	16.8	16.7	16.7	16.6	16.6	16.5	16.5	16.5	16.5	16.6	16.5	16.4	16.2	16.3	
180.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

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

# LUMINAIRE PHOTOMETRIC TEST REPORT

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER: SGSLIGHT LIMITED</b>	<b>Address:</b>	
<b>NAME: LED PANEL</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:TLP-F-6012N-72</b>	<b>DIMENSION: 596X1196X11MM SERIAL No.:</b>	

UNIT: cd

γ (DEG)	C (DEG)														
	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
0.0	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240
5.0	2234	2234	2233	2232	2231	2230	2229	2228	2228	2227	2226	2225	2224	2223	2223
10.0	2227	2227	2226	2225	2222	2220	2218	2215	2212	2209	2205	2202	2199	2195	2192
15.0	2182	2180	2178	2177	2174	2172	2170	2168	2165	2163	2160	2158	2157	2156	2149
20.0	2133	2132	2131	2129	2126	2122	2119	2114	2108	2103	2097	2092	2087	2084	2083
25.0	2055	2052	2050	2047	2043	2040	2036	2032	2029	2025	2023	2020	2011	2003	1995
30.0	1971	1969	1968	1966	1960	1955	1949	1942	1935	1929	1922	1917	1913	1912	1900
35.0	1856	1853	1849	1846	1842	1838	1833	1829	1825	1822	1818	1807	1797	1791	1787
40.0	1734	1734	1730	1727	1723	1718	1713	1705	1698	1691	1684	1678	1675	1663	1654
45.0	1590	1588	1585	1581	1577	1572	1568	1563	1559	1556	1548	1538	1528	1521	1516
50.0	1442	1441	1439	1435	1430	1425	1419	1412	1404	1397	1390	1385	1383	1368	1357
55.0	1272	1267	1264	1261	1257	1253	1248	1244	1239	1235	1229	1219	1210	1205	1198
60.0	1094	1091	1088	1086	1082	1079	1074	1068	1063	1053	1051	1045	1045	1030	1019
65.0	906	904	901	898	895	892	889	885	881	876	877	868	859	851	843
70.0	716	715	713	710	708	705	703	699	695	692	689	684	679	674	665
75.0	526	525	524	523	521	520	518	516	513	510	506	502	496	492	486
80.0	337	335	335	335	334	334	334	334	334	333	332	330	327	323	316
85.0	184	184	184	184	184	183	182	181	179	177	175	173	170	167	163
90.0	34.7	34.7	34.3	33.3	33.0	32.5	31.8	31.0	30.1	29.1	28.1	26.8	25.6	24.2	22.8
95.0	19.5	19.8	19.8	19.3	19.1	18.7	18.1	17.3	16.4	15.4	14.2	12.8	11.2	9.50	7.50
100.0	5.46	5.44	5.42	5.37	5.38	5.36	5.38	5.42	5.48	5.51	5.60	5.70	5.78	5.93	6.13
105.0	6.16	6.14	6.14	6.11	6.13	6.13	6.17	6.23	6.31	6.38	6.48	6.61	6.78	6.96	7.23
110.0	6.85	6.85	6.86	6.85	6.88	6.90	6.95	7.03	7.14	7.24	7.35	7.55	7.74	7.95	8.32
115.0	7.57	7.55	7.59	7.60	7.64	7.65	7.74	7.83	7.96	8.08	8.26	8.44	8.69	9.03	9.24
120.0	8.32	8.25	8.31	8.34	8.41	8.39	8.52	8.62	8.77	8.91	9.13	9.28	9.51	9.89	10.2
125.0	9.02	8.95	9.02	9.08	9.20	9.14	9.29	9.41	9.56	9.73	9.95	10.1	10.4	10.6	11.0
130.0	9.73	9.70	9.76	9.82	9.95	9.94	10.0	10.1	10.3	10.5	10.7	11.0	11.1	11.5	11.8
135.0	10.4	10.5	10.5	10.5	10.6	10.7	10.7	10.9	11.1	11.3	11.5	11.7	12.1	12.2	12.7
140.0	11.1	11.2	11.2	11.3	11.3	11.4	11.5	11.7	11.8	12.0	12.2	12.4	12.8	13.1	13.3
145.0	11.8	11.9	12.0	12.0	12.0	12.1	12.1	12.3	12.6	12.7	13.0	13.2	13.5	13.8	14.1
150.0	12.6	12.6	12.7	12.7	12.9	12.8	13.0	13.1	13.3	13.5	13.6	13.9	14.1	14.4	14.7
155.0	13.4	13.3	13.3	13.5	13.7	13.7	13.7	13.7	13.9	14.2	14.3	14.5	14.7	15.0	15.2
160.0	14.1	14.2	14.1	14.2	14.5	14.4	14.3	14.6	14.5	14.8	14.8	15.1	15.3	15.5	15.7
165.0	14.8	14.9	14.9	15.0	15.3	15.1	15.3	15.1	15.3	15.4	15.4	15.6	15.7	15.9	16.2
170.0	15.6	15.5	15.7	15.7	16.0	16.1	15.9	15.9	16.1	15.9	16.0	16.2	16.5	16.4	16.3
175.0	16.4	16.5	16.5	16.5	16.6	16.8	16.8	16.8	16.8	16.7	16.6	16.7	16.9	17.0	17.1
180.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

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

# LUMINAIRE PHOTOMETRIC TEST REPORT

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER: SGSLIGHT LIMITED</b>	<b>Address:</b>	
<b>NAME: LED PANEL</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:TLP-F-6012N-72</b>	<b>DIMENSION: 596X1196X11MM SERIAL No.:</b>	

UNIT: cd

γ (DEG)	C (DEG)														
	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220
0.0	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240
5.0	2222	2223	2223	2223	2224	2224	2225	2222	2220	2217	2215	2213	2211	2209	2208
10.0	2189	2187	2185	2184	2184	2184	2186	2180	2176	2172	2169	2167	2166	2165	2165
15.0	2143	2138	2133	2131	2129	2129	2131	2123	2117	2113	2110	2108	2108	2108	2109
20.0	2083	2075	2066	2060	2057	2057	2059	2049	2041	2037	2034	2036	2036	2031	2027
25.0	1991	1989	1984	1974	1969	1967	1968	1956	1948	1944	1944	1941	1935	1933	1932
30.0	1891	1885	1882	1872	1863	1861	1863	1848	1840	1837	1836	1829	1825	1826	1829
35.0	1783	1769	1760	1757	1745	1738	1739	1724	1717	1715	1707	1705	1707	1702	1697
40.0	1647	1643	1629	1621	1613	1603	1606	1587	1581	1575	1570	1572	1564	1560	1559
45.0	1503	1495	1490	1472	1466	1453	1454	1436	1430	1422	1424	1416	1411	1412	1409
50.0	1348	1335	1329	1317	1305	1295	1295	1276	1267	1262	1259	1250	1249	1248	1249
55.0	1180	1172	1162	1157	1134	1129	1120	1122	1099	1097	1085	1090	1079	1085	1079
60.0	1014	999	985	972	947	946	942	923	912	910	906	908	893	900	898
65.0	830	823	809	793	790	760	764	735	743	727	729	729	721	720	720
70.0	652	641	632	615	598	581	578	554	549	549	550	543	544	547	548
75.0	480	470	453	443	420	412	400	384	366	371	368	377	379	376	373
80.0	309	302	296	281	267	242	231	199	199	203	214	215	216	219	221
85.0	158	152	143	132	124	101	51.1	51.7	62.4	69.4	79.2	83.3	85.9	92.5	96.2
90.0	20.9	18.4	15.0	11.4	9.26	8.89	7.92	4.63	4.63	4.68	4.72	4.82	4.82	4.95	5.00
95.0	5.21	5.28	5.57	6.15	7.29	10.0	15.7	9.34	6.79	5.90	5.43	5.32	5.32	5.49	5.58
100.0	6.40	6.75	7.34	8.33	9.85	12.7	14.7	11.2	9.07	7.61	6.82	6.48	6.35	6.37	6.36
105.0	7.61	8.15	8.84	9.84	11.5	13.8	14.1	12.2	10.1	8.68	8.02	7.56	7.40	7.24	7.19
110.0	8.76	9.37	9.99	11.0	12.3	14.0	13.4	11.8	10.6	9.72	9.11	8.57	8.36	8.22	8.05
115.0	9.77	10.3	11.1	12.1	13.0	14.3	13.3	12.3	11.3	10.4	9.92	9.55	9.15	9.03	8.92
120.0	10.6	11.2	12.0	12.8	13.8	14.8	13.4	12.7	11.9	11.3	10.8	10.2	10.2	10.0	9.78
125.0	11.5	12.0	12.7	13.4	14.3	15.2	14.0	13.3	12.6	11.8	11.7	11.2	11.1	10.8	10.4
130.0	12.4	13.0	13.2	14.0	14.6	15.4	14.6	14.0	13.6	12.7	12.4	12.2	11.9	11.5	11.1
135.0	13.0	13.6	14.1	14.6	15.5	16.0	15.4	14.8	14.2	13.6	13.4	12.9	12.5	12.2	12.1
140.0	13.7	14.2	14.7	15.0	15.6	16.4	15.8	15.2	14.7	14.2	14.0	13.4	13.4	13.0	12.5
145.0	14.5	14.9	15.1	15.6	16.1	16.6	16.1	15.7	15.4	15.1	14.6	14.2	13.8	13.3	13.2
150.0	15.0	15.4	15.8	16.2	16.6	17.0	16.5	16.0	15.5	15.0	14.7	14.7	14.3	13.8	13.6
155.0	15.5	15.8	16.1	16.4	16.6	16.8	16.5	16.2	15.8	15.3	15.2	14.9	14.5	14.2	14.0
160.0	15.9	16.2	16.4	16.7	17.0	17.2	16.2	15.9	15.7	15.5	15.3	15.0	14.6	14.6	14.5
165.0	16.3	16.5	16.7	16.9	17.1	17.3	16.2	16.0	15.9	15.7	15.5	15.4	15.2	15.1	15.0
170.0	16.4	16.6	16.8	17.0	17.2	17.4	16.2	16.1	16.0	15.9	15.8	15.7	15.6	15.5	15.5
175.0	17.1	17.0	17.0	17.1	17.1	17.1	16.3	16.2	16.1	16.0	15.9	15.8	15.7	15.6	15.5
180.0	17.2	17.2	17.2	17.2	17.2	17.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

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



# LUMINAIRE PHOTOMETRIC TEST REPORT

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER: SGSLIGHT LIMITED</b>	<b>Address:</b>	
<b>NAME: LED PANEL</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:TLP-F-6012N-72</b>	<b>DIMENSION: 596X1196X11MM SERIAL No.:</b>	

UNIT: cd

C(DEG)\ γ (DEG)	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0.0	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240
5.0	2207	2207	2207	2206	2207	2207	2207	2208	2208	2209	2210	2211	2212	2213	2214
10.0	2166	2167	2168	2169	2170	2172	2173	2175	2176	2178	2180	2181	2183	2184	2185
15.0	2108	2105	2104	2104	2105	2105	2106	2107	2109	2111	2113	2116	2119	2122	2126
20.0	2024	2024	2025	2026	2029	2032	2035	2038	2040	2043	2046	2049	2051	2055	2057
25.0	1934	1938	1935	1934	1933	1934	1936	1938	1940	1944	1947	1951	1956	1962	1967
30.0	1823	1820	1820	1821	1824	1827	1831	1836	1840	1844	1848	1852	1856	1860	1864
35.0	1695	1697	1700	1700	1700	1701	1703	1707	1709	1714	1718	1723	1730	1737	1744
40.0	1562	1558	1558	1560	1562	1566	1570	1575	1579	1584	1587	1592	1597	1602	1608
45.0	1408	1410	1413	1414	1412	1412	1414	1417	1420	1425	1430	1436	1443	1450	1459
50.0	1256	1249	1246	1245	1246	1249	1252	1256	1261	1266	1272	1277	1283	1289	1296
55.0	1075	1075	1077	1075	1076	1078	1081	1084	1088	1093	1098	1104	1110	1117	1126
60.0	900	898	899	900	902	905	908	911	915	920	924	929	934	940	947
65.0	721	723	725	723	723	724	725	727	730	734	738	743	749	756	763
70.0	546	544	542	541	540	540	541	542	545	548	552	557	563	570	577
75.0	369	369	371	372	374	374	376	377	379	382	385	388	392	397	402
80.0	221	221	220	218	217	215	214	214	214	215	218	221	224	229	234
85.0	98.8	101	103	104	105	106	107	108	109	110	111	112	112	113	114
90.0	4.91	4.82	4.68	4.58	4.54	4.49	4.49	4.44	4.49	4.44	4.44	4.44	4.44	4.49	4.49
95.0	5.53	5.45	5.35	5.26	5.23	5.21	5.21	5.17	5.21	5.19	5.19	5.20	5.21	5.26	5.26
100.0	6.27	6.16	6.05	5.96	5.94	5.92	5.93	5.90	5.93	5.93	5.93	5.94	5.96	5.99	5.97
105.0	7.08	6.95	6.83	6.72	6.67	6.60	6.60	6.56	6.58	6.53	6.54	6.52	6.51	6.50	6.48
110.0	7.95	7.74	7.62	7.45	7.38	7.28	7.26	7.22	7.22	7.13	7.14	7.10	7.06	7.02	6.98
115.0	8.72	8.49	8.38	8.25	8.09	7.96	7.93	7.87	7.85	7.74	7.75	7.70	7.61	7.52	7.52
120.0	9.47	9.37	9.11	8.97	8.75	8.59	8.59	8.53	8.47	8.34	8.35	8.29	8.16	8.10	8.04
125.0	10.2	10.1	9.75	9.61	9.43	9.28	9.25	9.18	9.08	8.94	8.95	8.87	8.78	8.65	8.49
130.0	11.1	10.7	10.5	10.3	10.0	9.99	9.90	9.88	9.70	9.54	9.56	9.45	9.37	9.29	9.12
135.0	11.7	11.5	11.1	10.9	10.6	10.6	10.5	10.6	10.3	10.1	10.1	10.0	9.93	9.85	9.72
140.0	12.4	12.0	11.7	11.5	11.3	11.3	11.2	11.3	10.9	10.7	10.7	10.6	10.5	10.4	10.3
145.0	12.8	12.5	12.3	12.0	12.0	11.9	11.8	11.9	11.5	11.3	11.3	11.2	11.2	11.1	11.0
150.0	13.3	13.1	12.7	12.8	12.6	12.5	12.6	12.4	12.2	11.9	11.9	12.0	11.8	11.7	11.7
155.0	13.7	13.6	13.5	13.4	13.2	13.1	13.3	12.9	12.8	12.5	12.5	12.6	12.3	12.4	12.2
160.0	14.3	14.2	14.1	13.9	13.8	14.1	13.8	13.4	13.4	13.1	13.1	13.1	13.2	13.0	13.0
165.0	14.8	14.7	14.6	14.7	14.8	14.5	14.1	14.0	14.0	13.7	13.7	13.7	13.8	13.8	13.6
170.0	15.6	15.6	15.4	15.1	14.8	14.7	14.7	14.7	14.6	14.3	14.3	14.3	14.4	14.4	14.4
175.0	15.5	15.4	15.4	15.4	15.3	15.3	15.3	15.2	15.1	14.9	14.9	14.9	14.9	15.0	15.0
180.0	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

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

# LUMINAIRE PHOTOMETRIC TEST REPORT

## LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER: SGSLIGHT LIMITED</b>	<b>Address:</b>	
<b>NAME: LED PANEL</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:TLP-F-6012N-72</b>	<b>DIMENSION: 596X1196X11MM SERIAL No.:</b>	

UNIT: cd

C(DEG)\ γ (DEG)	300	305	310	315	320	325	330	335	340	345	350	355
0.0	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240	2240
5.0	2215	2217	2218	2220	2221	2223	2225	2227	2229	2232	2234	2237
10.0	2186	2188	2189	2191	2192	2194	2196	2198	2201	2205	2209	2213
15.0	2130	2135	2140	2146	2152	2153	2155	2156	2158	2162	2167	2173
20.0	2059	2064	2068	2073	2079	2087	2096	2098	2100	2103	2107	2113
25.0	1974	1981	1988	1991	1996	2001	2009	2020	2027	2027	2030	2037
30.0	1869	1874	1882	1889	1900	1904	1909	1917	1930	1936	1937	1944
35.0	1753	1764	1768	1773	1779	1789	1800	1802	1813	1829	1830	1834
40.0	1615	1623	1633	1645	1653	1657	1666	1679	1684	1696	1706	1709
45.0	1469	1479	1484	1494	1506	1522	1524	1533	1543	1552	1572	1570
50.0	1304	1313	1324	1336	1344	1355	1373	1379	1386	1397	1411	1417
55.0	1135	1145	1153	1161	1173	1185	1197	1213	1221	1229	1242	1254
60.0	954	963	973	985	994	1007	1021	1030	1050	1064	1065	1083
65.0	771	779	787	797	810	824	834	844	852	879	881	886
70.0	585	593	602	611	620	631	645	659	669	682	696	711
75.0	408	414	420	428	437	446	455	467	481	488	509	517
80.0	240	246	253	260	267	274	281	287	289	298	306	332
85.0	115	115	116	117	117	118	118	121	126	132	132	140
90.0	4.49	4.54	4.58	4.63	4.77	4.77	4.82	4.91	5.09	5.33	5.56	5.83
95.0	5.29	5.36	5.43	5.51	5.64	5.67	5.71	5.51	5.29	5.02	4.61	3.48
100.0	6.00	6.02	6.04	6.05	6.05	5.92	5.72	5.47	5.19	4.83	4.10	3.44
105.0	6.45	6.42	6.40	6.38	6.29	6.15	5.84	5.54	5.12	4.61	4.40	3.74
110.0	6.95	6.89	6.80	6.71	6.60	6.47	6.05	5.69	5.43	4.89	4.67	3.96
115.0	7.41	7.34	7.20	7.09	6.97	6.75	6.54	6.10	5.66	5.41	4.99	4.57
120.0	7.97	7.87	7.67	7.54	7.43	7.32	6.91	6.75	6.27	6.01	5.59	5.38
125.0	8.54	8.42	8.29	8.07	7.96	7.77	7.70	7.30	7.30	6.97	6.58	6.48
130.0	9.12	9.01	8.84	8.80	8.46	8.42	8.26	8.11	8.02	7.76	7.52	7.86
135.0	9.55	9.65	9.43	9.41	9.35	9.04	8.91	8.83	8.82	8.89	8.81	9.01
140.0	10.2	10.2	10.1	10.0	9.95	9.91	9.68	9.63	9.69	9.65	9.78	9.81
145.0	10.9	10.7	10.8	10.8	10.7	10.7	10.6	10.5	10.7	10.6	10.6	10.8
150.0	11.6	11.5	11.3	11.2	11.5	11.5	11.5	11.4	11.6	11.5	11.7	11.9
155.0	12.3	12.2	12.1	12.1	12.0	11.9	12.2	12.4	12.4	12.6	12.6	12.7
160.0	12.9	12.9	12.8	12.9	12.9	12.8	12.9	12.8	13.0	13.0	13.1	13.2
165.0	13.6	13.7	13.6	13.6	13.7	13.7	13.6	13.7	13.9	14.0	14.1	14.3
170.0	14.5	14.3	14.3	14.3	14.4	14.5	14.6	14.6	14.6	14.6	14.6	14.7
175.0	15.0	15.0	15.1	15.1	15.1	15.2	15.2	15.3	15.3	15.4	15.4	15.5
180.0	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:TOM CHEN  
 Test Date:2015-04-15

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