

GONIOPHOTOMETERS SYSTEM TEST REPORT

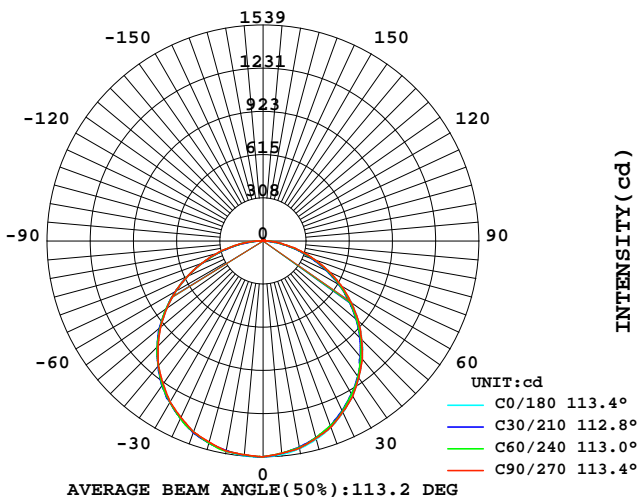
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: 2017101202

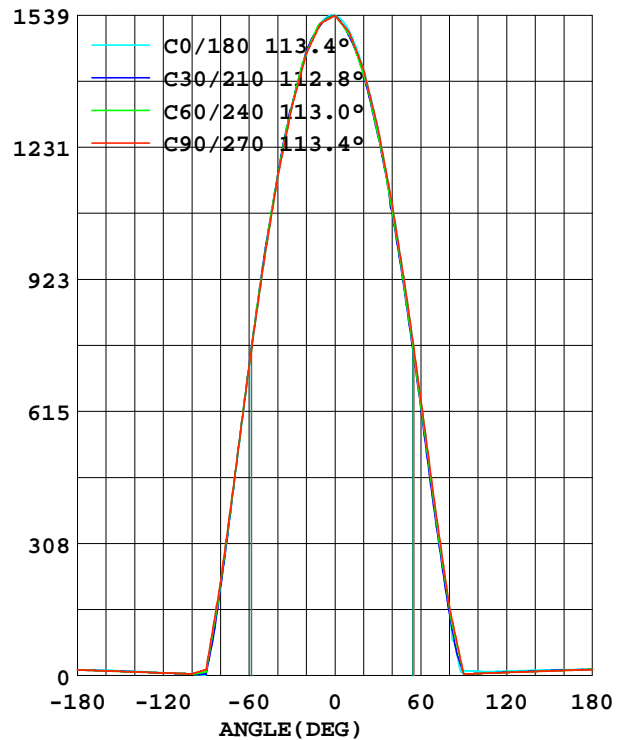
MANUFACTURER: SGSLight Limited	Address:	
NAME: TLP-6060-36-NW-125-IP65	TYPE:LED Panel Light	WEIGHT:
SPECIFICATION:4000K CRI>80	DIMENSION: 596x596 mm	SERIAL No.:2017101202

DATA OF LAMP		Imax(cd)	1539	S/MH(C0/180)	1.28
MODEL	4000K	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.28
NOMINAL POWER(W)	36	TOTAL FLUX(lm)	4471.2	Voltage(V)	230.0
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	125.2	Current(A)	0.216
NOMINAL FLUX(lm)	4471.2	η up(%)	1.1	Power(W)	35.70
LAMPS QUANTITY	1	η down(%)	98.9	Power Factor(PF)	0.942
TEST VOLTAGE(V)	230.0	Effictive Flux(lm)	4471.2	EEI	0.109

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2017-10-12

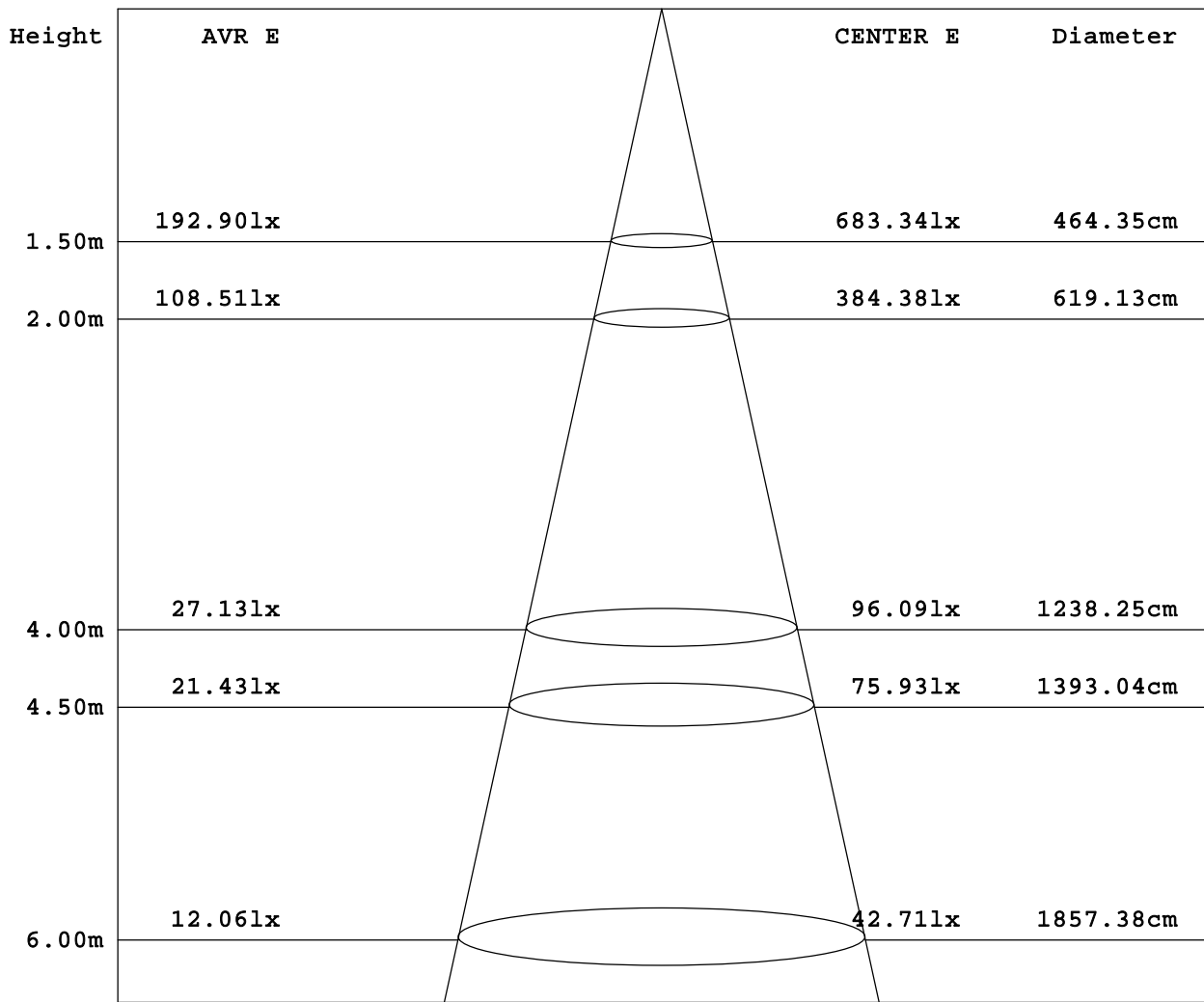
Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

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Angle:114.3deg

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 Temperature:25.3DEG
 Operators:Jason
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ZONAL FLUX DIAGRAM

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MANUFACTURER: SGSLight Limited	Address:	
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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1536	1531	1528	1525	1527	1517	1518	1524	0- 5	36.58	36.58
10.0	1519	1518	1519	1504	1501	1490	1499	1504	5- 10	108.4	144.9
15.0	1490	1494	1484	1475	1462	1453	1456	1474	10- 15	176.6	321.6
20.0	1446	1449	1448	1424	1412	1397	1413	1423	15- 20	238.7	560.3
25.0	1392	1397	1386	1369	1348	1335	1345	1367	20- 25	292.8	853.1
30.0	1326	1330	1324	1300	1275	1260	1277	1297	25- 30	337.0	1190
35.0	1248	1252	1242	1218	1189	1173	1189	1218	30- 35	370.1	1560
40.0	1160	1166	1160	1133	1099	1082	1100	1129	35- 40	390.6	1951
45.0	1060	1066	1058	1032	994.0	975.8	993.3	1024	40- 45	398.3	2349
50.0	954.6	962.5	954.7	932.3	885.2	870.9	886.8	915.3	45- 50	392.6	2742
55.0	837.2	844.0	837.3	813.8	769.6	747.8	766.8	796.5	50- 55	373.8	3116
60.0	717.0	723.2	720.0	697.6	643.1	626.9	646.7	675.5	55- 60	342.3	3458
65.0	587.1	592.3	591.6	573.2	516.6	501.9	521.2	543.5	60- 65	299.7	3758
70.0	457.5	460.8	463.3	449.6	386.5	379.5	395.7	414.2	65- 70	247.6	4006
75.0	326.4	329.9	339.7	324.3	263.9	257.7	278.8	289.9	70- 75	189.6	4195
80.0	206.8	208.0	216.0	211.2	149.6	152.9	161.9	172.7	75- 80	129.6	4325
85.0	95.99	99.25	115.1	108.6	55.42	67.34	82.88	75.56	80- 85	72.60	4398
90.0	11.74	5.842	14.30	17.08	7.345	3.950	3.783	3.783	85- 90	24.92	4423
95.0	2.281	4.444	9.126	7.585	10.73	4.351	4.312	4.290	90- 95	3.419	4426
100.0	3.171	4.106	3.950	4.040	10.35	4.914	4.841	4.793	95-100	2.661	4429
105.0	4.062	4.612	4.535	4.753	9.515	5.575	5.425	5.340	100-105	2.675	4431
110.0	4.563	5.106	5.119	5.520	9.237	6.193	6.009	5.844	105-110	2.923	4434
115.0	5.898	5.607	5.703	6.165	9.793	6.832	6.594	6.405	110-115	3.134	4437
120.0	6.399	6.211	6.288	6.925	10.35	7.383	7.178	7.140	115-120	3.308	4441
125.0	7.345	6.793	6.872	7.592	10.51	8.096	7.762	7.826	120-125	3.442	4444
130.0	8.680	7.445	7.456	8.222	11.51	8.801	8.347	8.579	125-130	3.517	4448
135.0	9.181	7.933	8.040	8.762	12.07	9.404	8.931	9.155	130-135	3.531	4451
140.0	9.682	8.616	8.625	9.335	12.18	10.16	9.515	9.879	135-140	3.471	4455
145.0	10.57	9.325	9.209	9.833	12.63	10.70	10.09	10.40	140-145	3.340	4458
150.0	11.07	9.982	9.793	10.59	13.13	11.21	10.68	11.16	145-150	3.124	4461
155.0	11.96	10.53	10.37	10.76	13.63	12.00	11.26	11.65	150-155	2.826	4464
160.0	12.01	10.93	10.96	11.55	13.68	12.44	11.85	12.44	155-160	2.455	4466
165.0	12.46	11.71	11.54	11.66	14.13	12.72	12.43	12.70	160-165	2.008	4468
170.0	12.91	12.11	12.13	12.46	14.18	13.35	13.02	13.35	165-170	1.498	4470
175.0	13.29	12.68	12.71	12.88	14.18	13.77	13.60	13.77	170-175	0.940	4471
180.0	13.29	13.29	13.29	13.29	14.18	14.18	14.18	14.18	175-180	0.324	4471
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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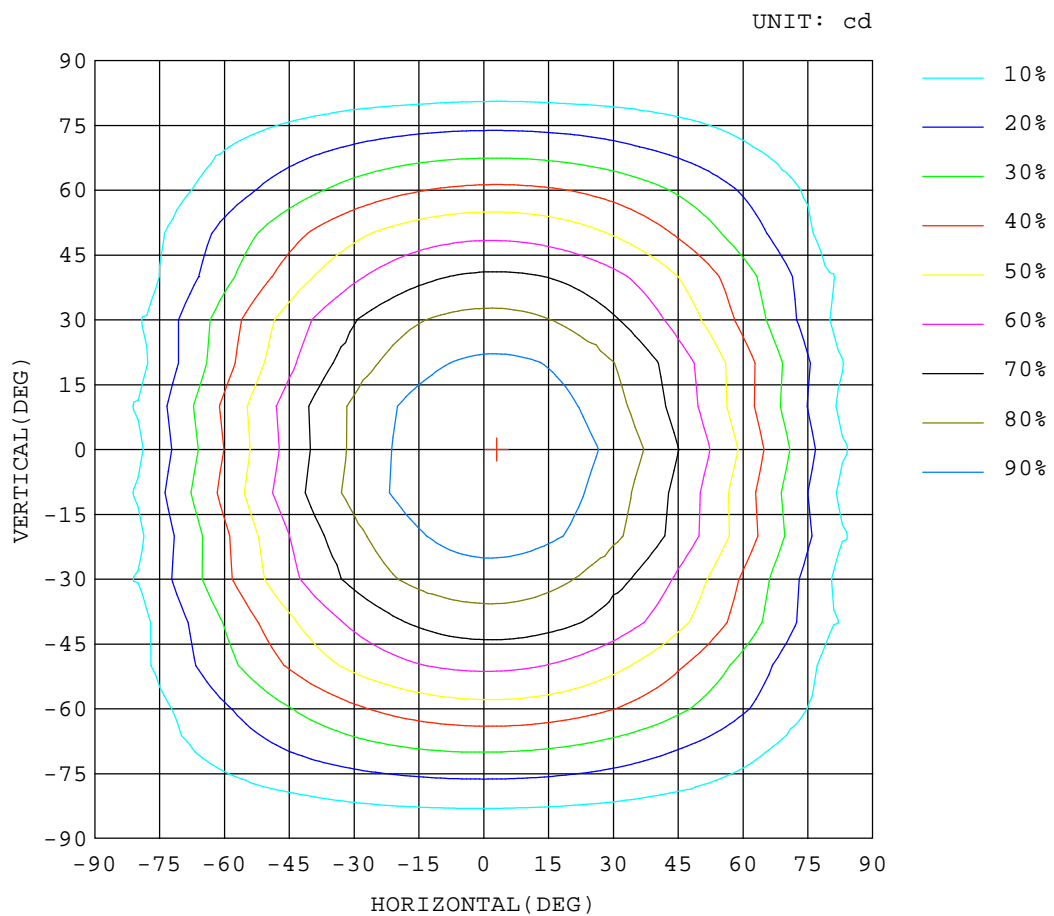
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ISOCANDELA DIAGRAM

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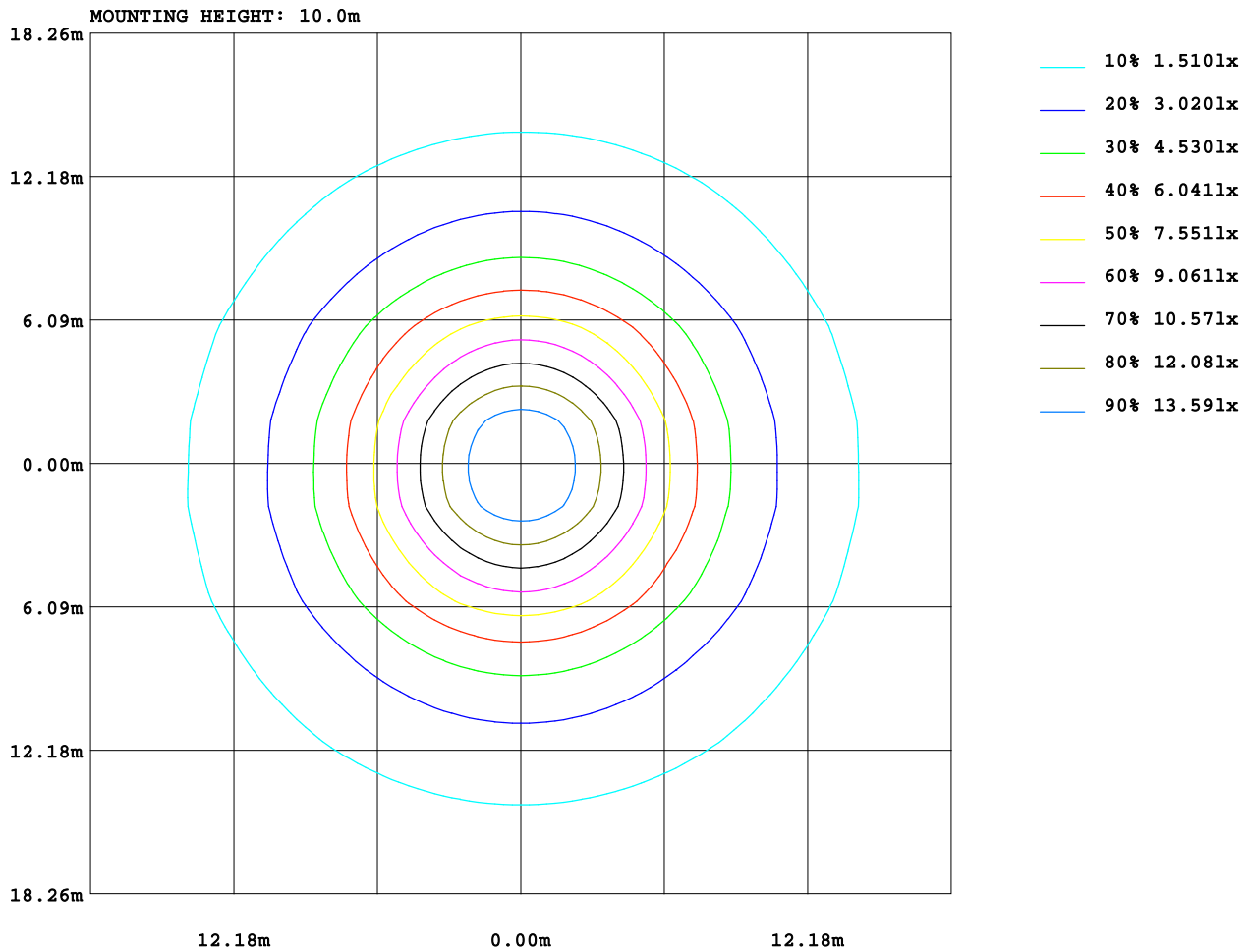
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 Remarks:

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ISOLUX DIAGRAM

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Uncorrected UGR Table

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MANUFACTURER: SGSLight Limited						Address:				
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SPECIFICATION:4000K CRI>80						DIMENSION: 596x596 mm			SERIAL No.:2017101202	
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	17.9	19.4	18.2	19.6	19.9	17.9	19.4	18.2	19.6	19.8
3H	19.5	20.9	19.8	21.1	21.4	19.5	20.9	19.8	21.1	21.4
4H	20.1	21.5	20.5	21.8	22.0	20.2	21.5	20.5	21.8	22.1
6H	20.6	21.9	21.0	22.2	22.5	20.7	22.0	21.0	22.2	22.5
8H	20.8	22.0	21.2	22.3	22.7	20.9	22.1	21.3	22.4	22.7
12H	20.9	22.1	21.3	22.4	22.8	21.1	22.2	21.4	22.5	22.9
4H 2H	18.5	19.9	18.9	20.1	20.4	18.5	19.8	18.8	20.1	20.4
3H	20.3	21.5	20.7	21.8	22.1	20.3	21.5	20.7	21.8	22.1
4H	21.1	22.2	21.5	22.5	22.9	21.1	22.2	21.5	22.5	22.9
6H	21.7	22.7	22.1	23.0	23.4	21.8	22.7	22.2	23.1	23.5
8H	21.9	22.8	22.4	23.2	23.6	22.1	22.9	22.5	23.3	23.7
12H	22.1	22.9	22.6	23.3	23.8	22.3	23.1	22.7	23.5	23.9
8H 4H	21.4	22.3	21.8	22.6	23.1	21.4	22.3	21.8	22.7	23.1
6H	22.1	22.9	22.6	23.3	23.8	22.2	23.0	22.7	23.4	23.8
8H	22.5	23.1	23.0	23.6	24.0	22.6	23.3	23.1	23.7	24.2
12H	22.7	23.3	23.2	23.7	24.2	22.9	23.5	23.4	24.0	24.5
12H 4H	21.4	22.2	21.8	22.6	23.0	21.4	22.2	21.9	22.6	23.1
6H	22.2	22.9	22.7	23.3	23.8	22.3	23.0	22.8	23.4	23.9
8H	22.6	23.1	23.1	23.6	24.1	22.7	23.3	23.2	23.7	24.2
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 4471 lm Total Lamp Luminous Flux. (8log(F/F0) = 5.2)

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