

GONIOPHOTOMETERS SYSTEM TEST REPORT

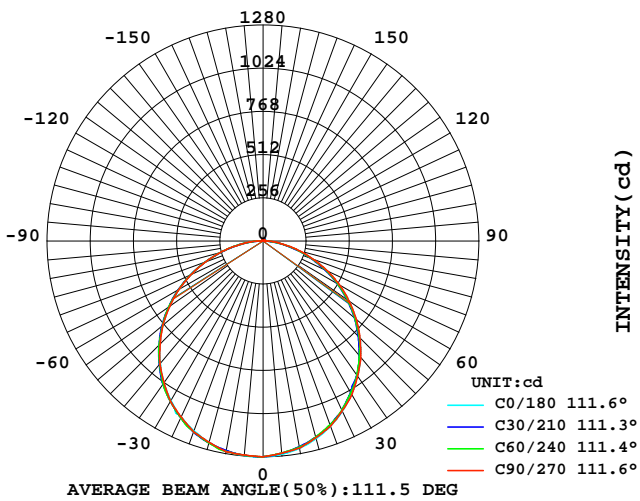
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: 19052001

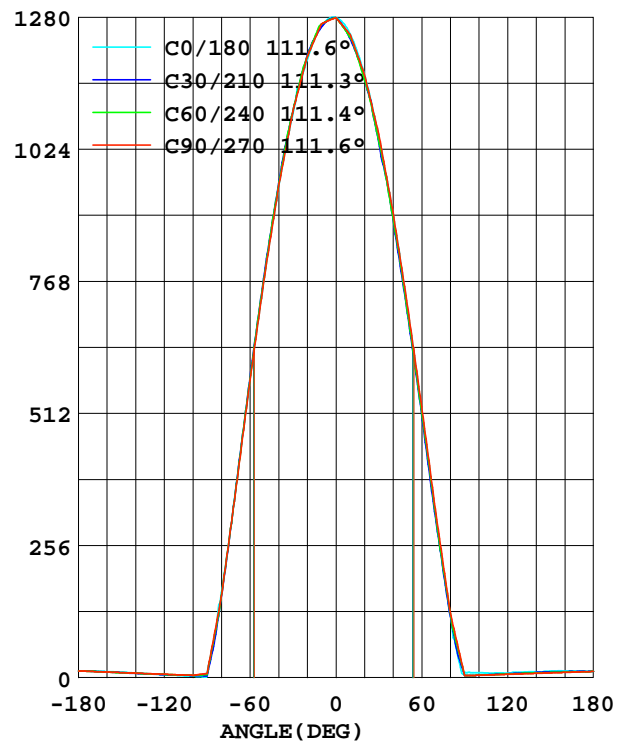
MANUFACTURER: SGSLight Limited	Address:	
NAME: BLIT-6060-30D-40	TYPE:Back-lit LED Panel	WEIGHT:
SPECIFICATION:4000K CRI>80	DIMENSION: 596x596mm	SERIAL No.:19052001

DATA OF LAMP		Imax(cd)	1280	S/MH(C0/180)	1.27
MODEL	4000K	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.27
NOMINAL POWER(W)	30	TOTAL FLUX(lm)	3649.9	Voltage(V)	219.0
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	126.2	Current(A)	0.137
NOMINAL FLUX(lm)	3649.9	η up(%)	1.2	Power(W)	28.92
LAMPS QUANTITY	1	η down(%)	98.8	Power Factor(PF)	0.959
TEST VOLTAGE(V)	219.0	Effictive Flux(lm)	3544.7	EEL	0.111

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2019-05-20

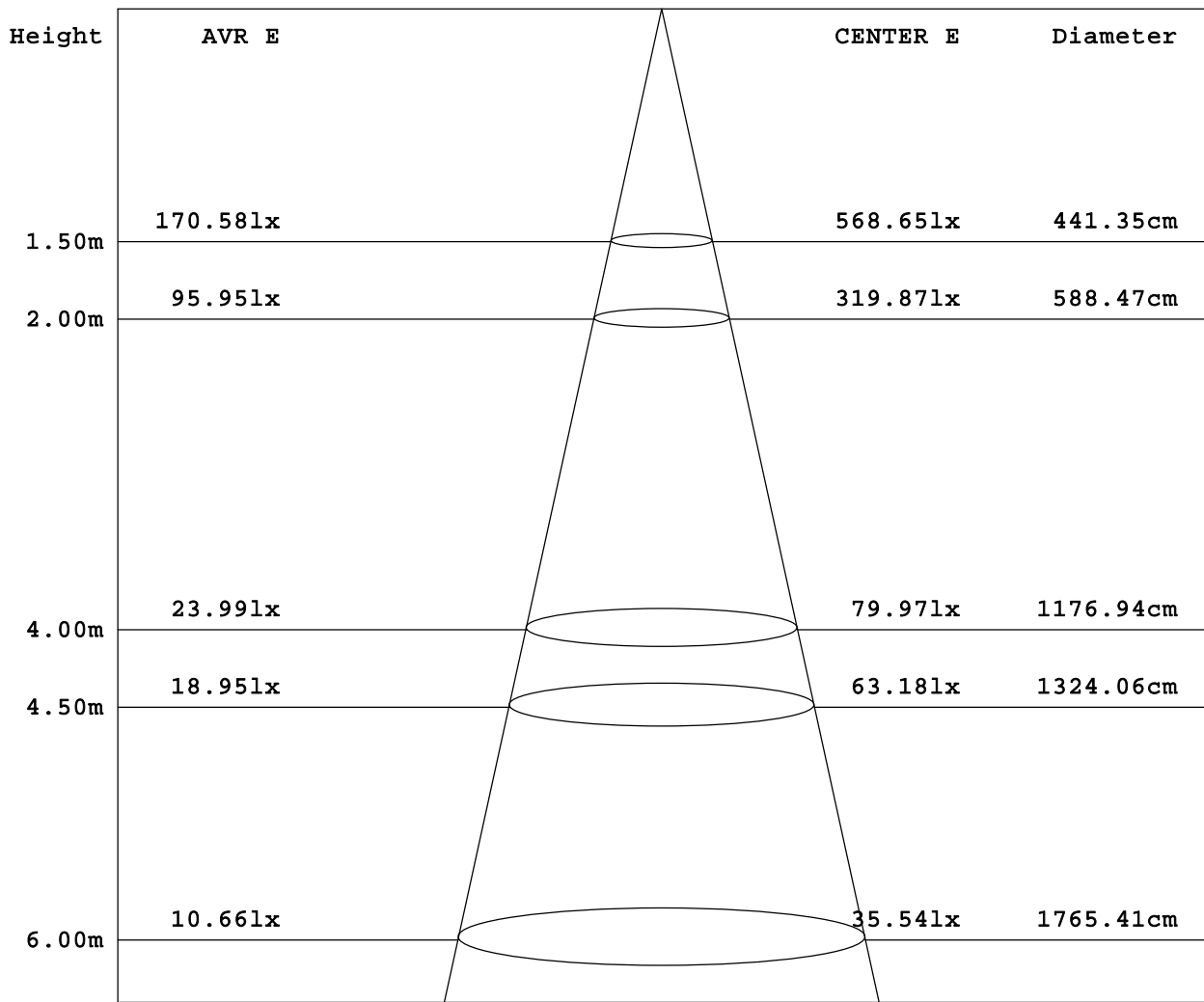
Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

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AVERAGE AND CENTER E Figure

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MANUFACTURER: SGSLight Limited	Address:	
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Angle:111.6deg

Test System:HOPOO HPG1900
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 Operators:Jason
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ZONAL FLUX DIAGRAM

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MANUFACTURER: SGSLight Limited	Address:	
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SPECIFICATION:4000K CRI>80	DIMENSION: 596x596mm	SERIAL No.:19052001

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1277	1275	1274	1269	1269	1262	1263	1268	0- 5	30.44	30.44
10.0	1262	1264	1268	1254	1248	1239	1246	1249	5- 10	90.20	120.6
15.0	1237	1244	1236	1229	1213	1206	1208	1222	10- 15	146.8	267.4
20.0	1198	1203	1204	1184	1169	1157	1169	1178	15- 20	198.1	465.6
25.0	1150	1158	1151	1134	1112	1103	1111	1131	20- 25	242.6	708.3
30.0	1093	1104	1098	1074	1049	1039	1053	1070	25- 30	278.7	987.0
35.0	1026	1033	1025	1006	978.0	965.5	977.6	999.4	30- 35	305.1	1292
40.0	947.4	958.6	951.5	931.8	899.0	887.6	901.9	922.9	35- 40	321.1	1613
45.0	865.8	871.6	863.5	844.0	812.5	799.4	812.1	835.4	40- 45	326.3	1940
50.0	776.5	783.7	775.6	757.0	718.5	711.8	722.4	746.8	45- 50	320.3	2260
55.0	677.9	683.5	675.7	658.2	621.2	610.0	623.7	647.8	50- 55	303.7	2564
60.0	578.9	581.4	575.9	559.0	516.9	508.7	525.0	547.6	55- 60	276.9	2841
65.0	472.2	472.3	468.9	454.5	414.7	407.8	420.8	440.1	60- 65	241.2	3082
70.0	365.9	364.1	361.9	350.9	308.4	307.5	316.5	335.4	65- 70	198.0	3280
75.0	260.5	256.9	259.6	247.5	210.0	206.5	220.9	233.6	70- 75	150.1	3430
80.0	164.6	158.3	157.4	155.4	119.1	122.7	125.3	139.8	75- 80	101.2	3531
85.0	77.71	73.38	82.77	75.18	44.60	54.66	64.54	61.97	80- 85	55.68	3587
90.0	9.960	4.661	8.095	7.556	6.182	3.876	3.728	3.581	85- 90	18.84	3606
95.0	1.913	4.286	6.206	5.036	9.862	4.190	4.121	4.034	90- 95	2.591	3608
100.0	2.698	4.334	4.317	4.386	9.911	4.671	4.513	4.298	95-100	2.464	3611
105.0	3.140	4.750	4.857	5.130	9.077	5.312	4.980	4.479	100-105	2.576	3614
110.0	4.317	5.166	5.397	5.829	8.341	5.889	5.446	4.672	105-110	2.767	3616
115.0	4.759	5.548	5.936	6.549	8.782	6.417	5.912	4.925	110-115	2.933	3619
120.0	5.936	6.069	6.476	7.190	8.635	6.805	6.378	5.163	115-120	3.060	3622
125.0	6.770	6.555	7.016	7.820	10.00	7.414	6.844	5.563	120-125	3.167	3625
130.0	7.212	7.115	7.556	8.543	10.15	8.329	7.310	5.883	125-130	3.213	3629
135.0	8.046	7.512	8.095	9.169	11.38	9.025	7.776	6.293	130-135	3.205	3632
140.0	8.880	8.324	8.635	9.734	11.43	9.497	8.242	6.971	135-140	3.139	3635
145.0	9.665	8.958	9.175	10.22	11.48	10.20	8.709	7.281	140-145	3.001	3638
150.0	10.10	9.456	9.714	10.74	12.65	10.41	9.175	7.818	145-150	2.819	3641
155.0	11.28	10.32	10.25	11.37	13.05	10.82	9.641	8.354	150-155	2.556	3643
160.0	11.72	11.02	10.79	11.93	12.70	11.22	10.10	8.648	155-160	2.218	3646
165.0	12.11	11.56	11.33	12.08	12.70	11.31	10.57	9.377	160-165	1.819	3647
170.0	12.90	12.12	11.87	12.49	12.36	11.97	11.03	9.895	165-170	1.356	3649
175.0	12.95	12.57	12.41	12.89	11.97	11.64	11.50	11.06	170-175	0.849	3650
180.0	12.95	12.95	12.95	12.95	11.97	11.97	11.97	11.97	175-180	0.292	3650
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1900
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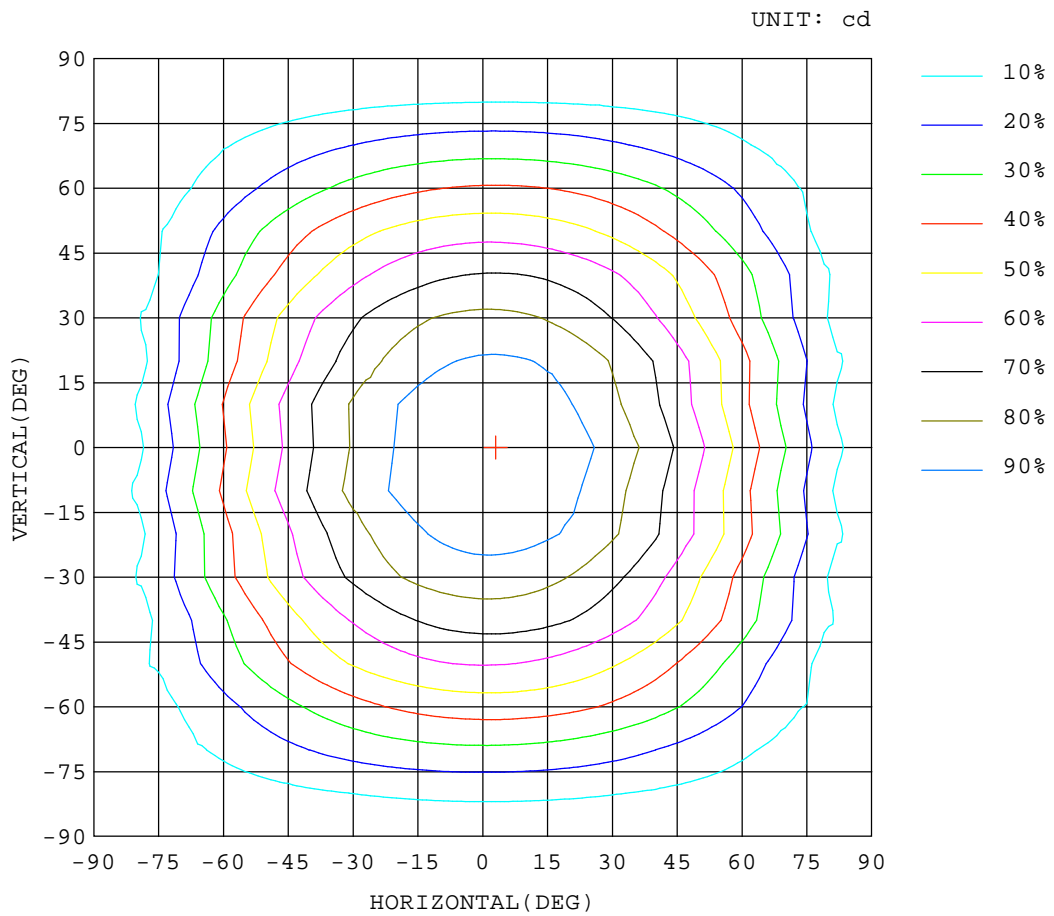
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 Remarks:

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ISOCANDELA DIAGRAM

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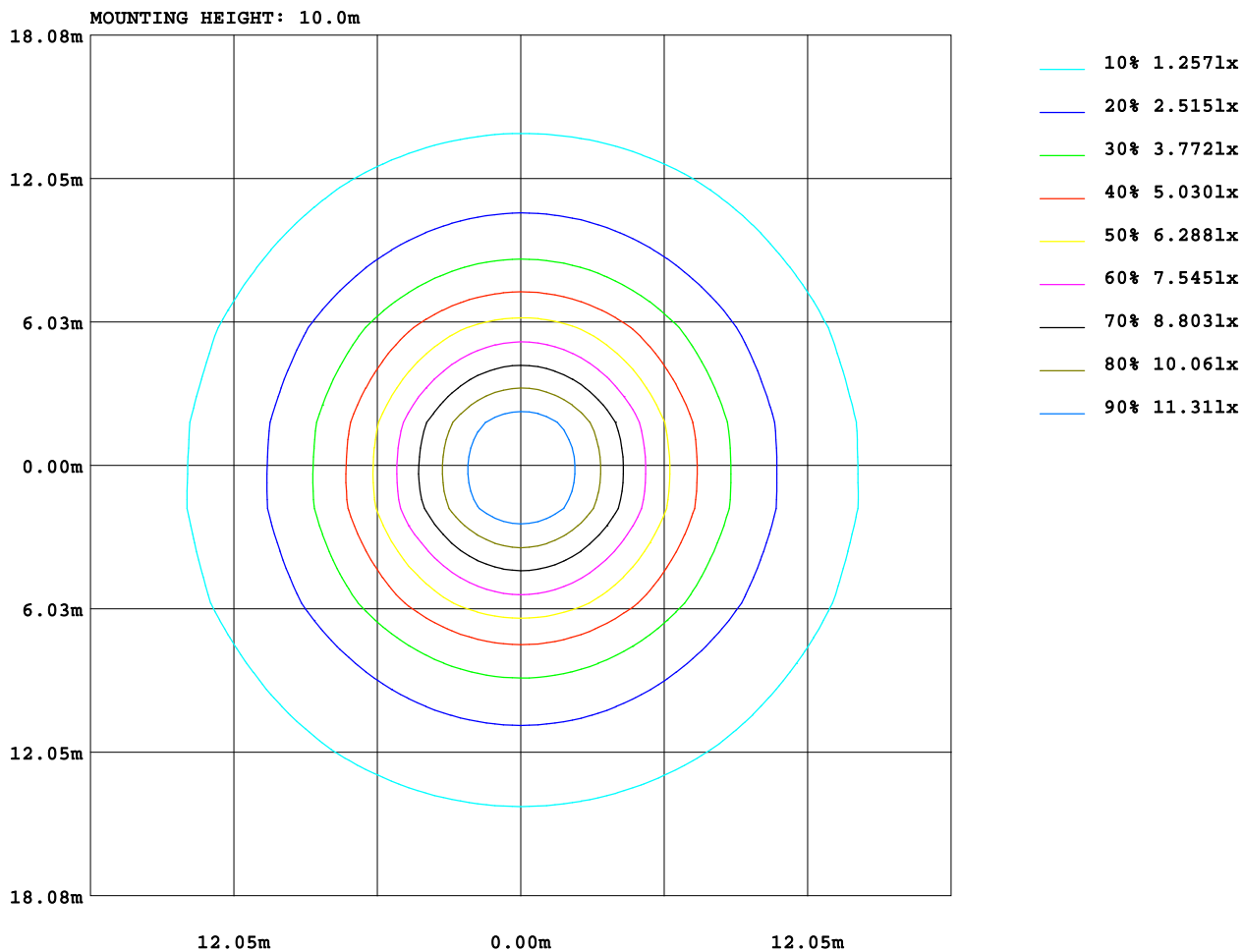
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 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

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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: 596x596mm			SERIAL No.:19052001		
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	17.1	18.6	17.4	18.9	19.1	17.1	18.6	17.4	18.8	19.0
3H	18.7	20.1	19.0	20.3	20.6	18.6	20.0	18.9	20.3	20.5
4H	19.3	20.6	19.6	20.9	21.2	19.3	20.6	19.6	20.9	21.1
6H	19.8	21.0	20.1	21.3	21.6	19.7	21.0	20.1	21.3	21.6
8H	20.0	21.2	20.3	21.5	21.8	19.9	21.1	20.3	21.4	21.7
12H	20.1	21.2	20.4	21.5	21.9	20.0	21.2	20.4	21.5	21.8
4H 2H	17.7	19.1	18.1	19.3	19.6	17.7	19.0	18.0	19.3	19.6
3H	19.5	20.6	19.9	21.0	21.3	19.4	20.6	19.8	20.9	21.2
4H	20.2	21.3	20.6	21.6	22.0	20.2	21.3	20.6	21.6	22.0
6H	20.8	21.8	21.2	22.1	22.5	20.8	21.7	21.2	22.1	22.5
8H	21.0	21.9	21.5	22.3	22.7	21.0	21.9	21.4	22.3	22.7
12H	21.2	22.0	21.6	22.4	22.8	21.2	22.0	21.7	22.4	22.8
8H 4H	20.5	21.4	20.9	21.8	22.2	20.5	21.3	20.9	21.7	22.1
6H	21.2	22.0	21.7	22.4	22.8	21.2	21.9	21.7	22.4	22.8
8H	21.5	22.2	22.0	22.6	23.1	21.5	22.2	22.0	22.6	23.1
12H	21.8	22.3	22.3	22.8	23.3	21.8	22.4	22.3	22.9	23.4
12H 4H	20.5	21.3	21.0	21.7	22.2	20.5	21.3	20.9	21.7	22.1
6H	21.3	21.9	21.8	22.4	22.9	21.3	21.9	21.8	22.4	22.8
8H	21.6	22.2	22.1	22.7	23.2	21.6	22.2	22.1	22.7	23.2
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.2 / - 0.3					+ 0.1 / - 0.3				

CIE Pub.117 Corrected 3650 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.5)

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