

GONIOPHOTOMETERS SYSTEM TEST REPORT

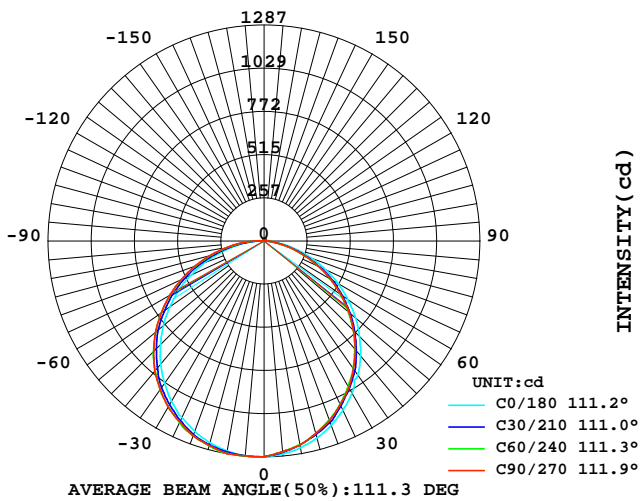
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: 19052003

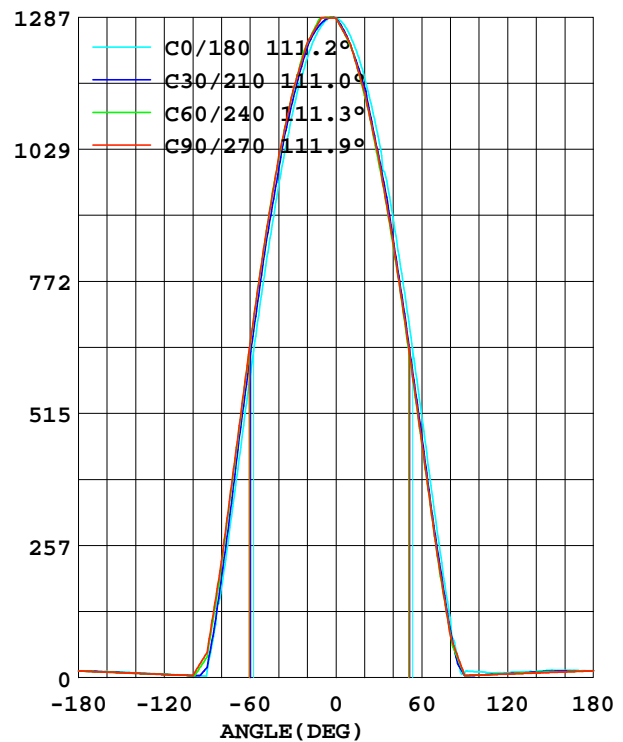
MANUFACTURER: SGSLight Limited	Address:	
NAME: BLIT-6262-30D-40	TYPE:Back-lit LED Panel	WEIGHT:
SPECIFICATION:4000K CRI>80	DIMENSION: 620x620mm	SERIAL No.:19052003

DATA OF LAMP		Imax(cd)	1287	S/MH(C0/180)	1.27
MODEL	4000K	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	30	TOTAL FLUX(lm)	3686.2	Voltage(V)	219.1
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	127.8	Current(A)	0.136
NOMINAL FLUX(lm)	3686.3	η up(%)	1.4	Power(W)	28.84
LAMPS QUANTITY	1	η down(%)	98.6	Power Factor(PF)	0.960
TEST VOLTAGE(V)	219.1	Effictive Flux(lm)	3576.2	EEL	0.110

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

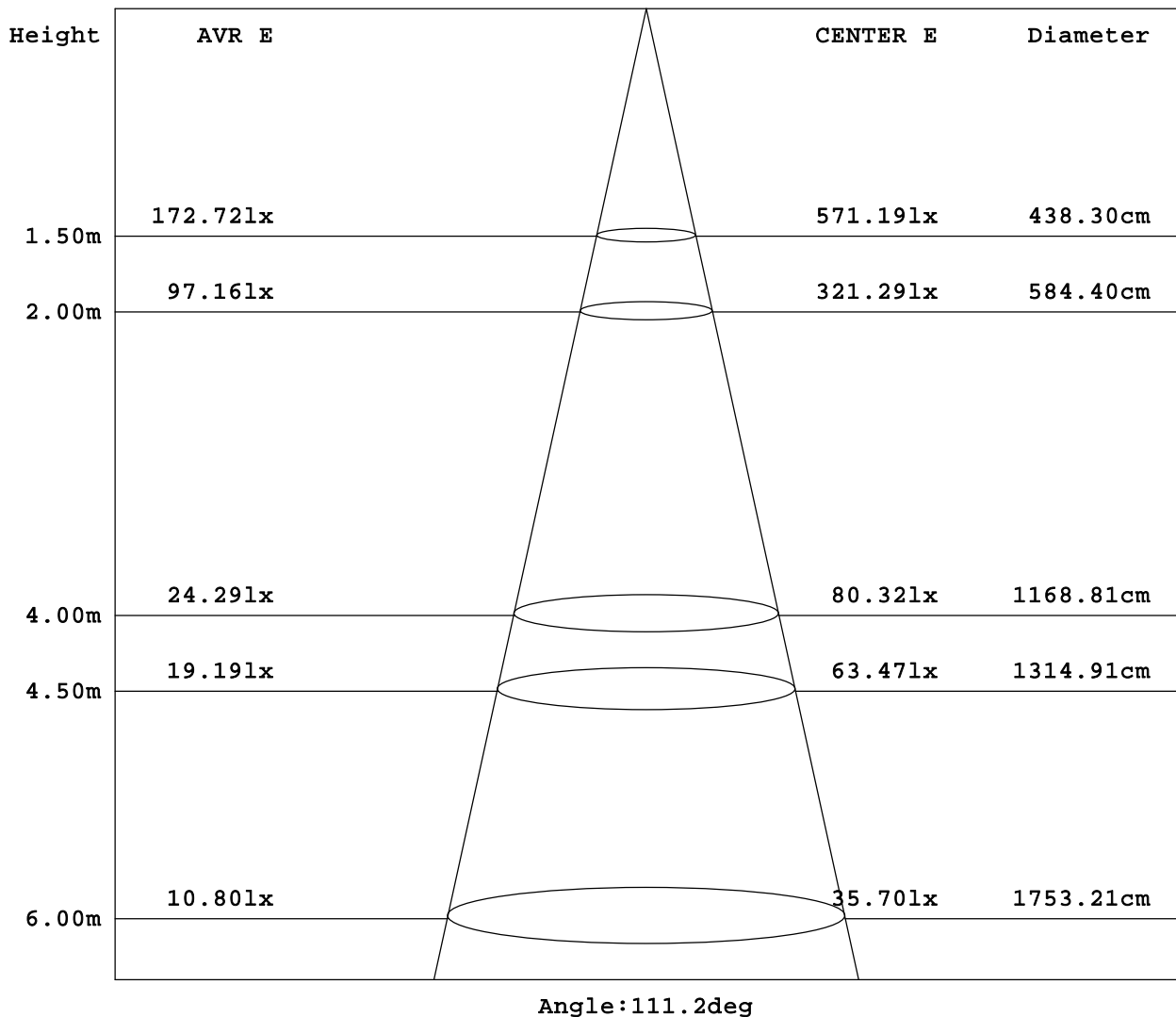
Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION: 4000K CRI>80	DIMENSION: 620x620mm	SERIAL No.: 19052003

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1284	1286	1285	1279	1274	1261	1260	1269	0- 5	30.57	30.57
10.0	1270	1280	1286	1267	1251	1232	1236	1245	5- 10	90.55	121.1
15.0	1245	1265	1261	1244	1216	1192	1188	1214	10- 15	147.3	268.4
20.0	1207	1230	1237	1204	1170	1136	1141	1164	15- 20	198.7	467.2
25.0	1159	1190	1190	1160	1113	1078	1076	1111	20- 25	243.3	710.5
30.0	1103	1136	1144	1103	1048	1006	1011	1045	25- 30	279.2	989.8
35.0	1034	1072	1079	1037	975.1	926.4	929.1	969.8	30- 35	305.7	1296
40.0	958.3	1002	1014	967.4	895.5	846.5	847.6	891.4	35- 40	321.7	1617
45.0	872.9	922.2	929.9	884.9	805.3	755.4	754.4	800.1	40- 45	327.1	1945
50.0	783.2	836.4	845.5	801.3	712.6	662.9	661.1	707.0	45- 50	321.2	2266
55.0	686.1	738.0	748.3	703.6	611.9	560.7	560.4	606.5	50- 55	304.7	2571
60.0	586.0	639.9	651.1	606.8	510.8	460.0	459.8	506.2	55- 60	278.1	2849
65.0	479.2	530.5	544.6	504.4	403.8	360.1	357.5	398.9	60- 65	242.9	3092
70.0	375.3	421.4	438.2	401.7	302.7	262.5	255.3	295.6	65- 70	200.2	3292
75.0	272.1	312.6	332.0	295.8	202.3	166.5	168.0	196.8	70- 75	153.2	3445
80.0	173.5	207.7	225.8	200.2	115.0	89.70	80.83	109.6	75- 80	105.1	3550
85.0	88.55	113.0	137.6	113.4	41.05	34.27	42.47	43.54	80- 85	60.28	3611
90.0	12.67	31.20	49.42	35.11	6.488	4.110	4.110	3.813	85- 90	24.81	3635
95.0	3.268	11.90	26.64	12.97	11.93	4.495	4.482	4.240	90- 95	7.086	3642
100.0	4.061	4.038	3.863	4.081	11.29	5.029	4.853	4.549	95-100	3.462	3646
105.0	4.853	4.509	4.432	4.783	10.05	5.618	5.373	4.723	100-105	2.614	3649
110.0	5.299	4.977	5.002	5.543	9.261	6.156	5.893	5.000	105-110	2.815	3651
115.0	5.695	5.453	5.571	6.215	9.658	6.808	6.413	5.285	110-115	2.998	3654
120.0	6.884	5.985	6.141	6.899	9.559	7.540	6.934	5.737	115-120	3.146	3657
125.0	6.934	6.565	6.711	7.497	11.04	8.537	7.454	6.054	120-125	3.266	3661
130.0	8.122	7.171	7.280	8.257	11.24	9.297	7.974	6.689	125-130	3.315	3664
135.0	8.915	7.801	7.850	8.638	11.78	10.02	8.494	7.043	130-135	3.321	3667
140.0	9.360	8.446	8.419	9.382	11.83	10.61	9.014	7.544	135-140	3.260	3671
145.0	10.15	9.113	8.989	9.896	13.47	10.93	9.534	8.114	140-145	3.151	3674
150.0	10.94	9.622	9.559	10.56	14.21	11.67	10.05	8.712	145-150	2.961	3677
155.0	11.34	9.980	10.12	10.84	14.26	12.14	10.57	9.223	150-155	2.682	3679
160.0	12.13	10.68	10.69	11.60	14.31	12.59	11.09	9.675	155-160	2.324	3682
165.0	12.18	11.54	11.26	12.04	14.31	12.56	11.61	10.63	160-165	1.901	3684
170.0	12.92	11.80	11.83	12.47	13.57	12.79	12.13	11.33	165-170	1.423	3685
175.0	12.97	12.57	12.40	12.57	13.57	12.80	12.65	12.27	170-175	0.888	3686
180.0	12.97	12.97	12.97	12.97	13.17	13.17	13.17	13.17	175-180	0.305	3686
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1900
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 Operators:Jason
 Test Date:2019-05-20

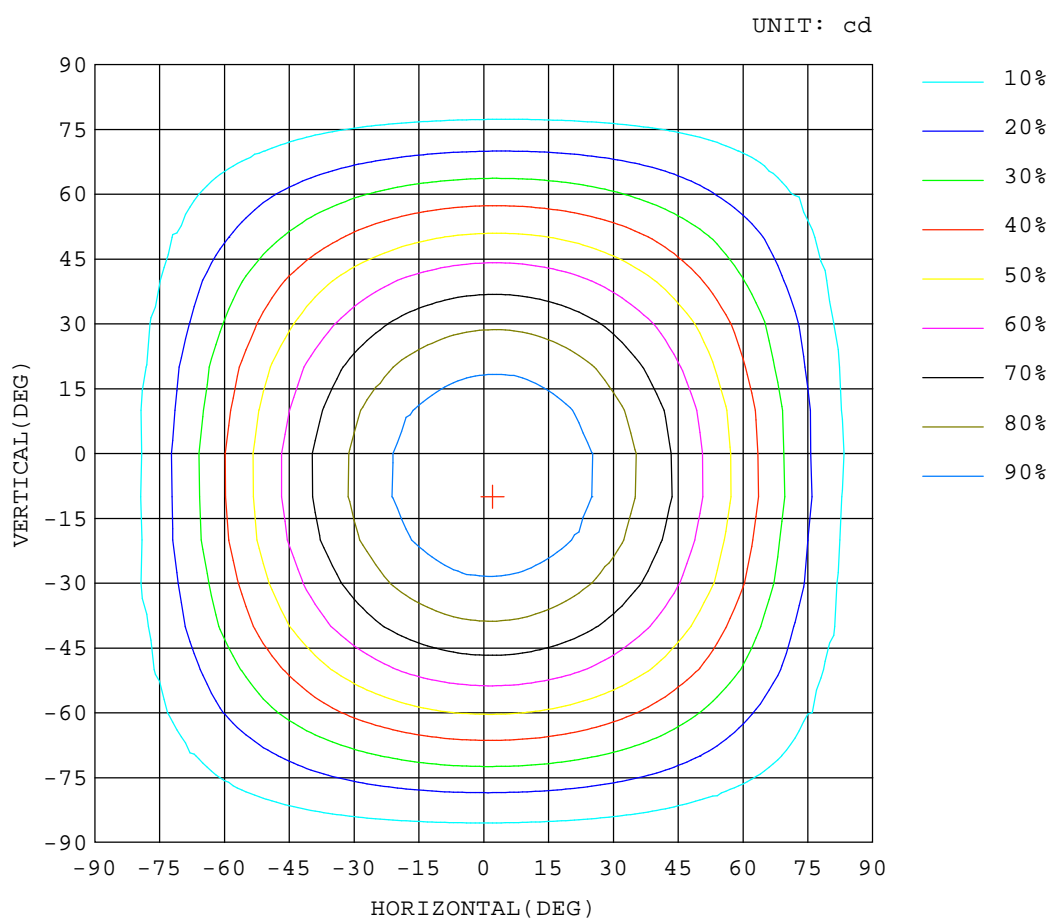
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ISOCANDELA DIAGRAM

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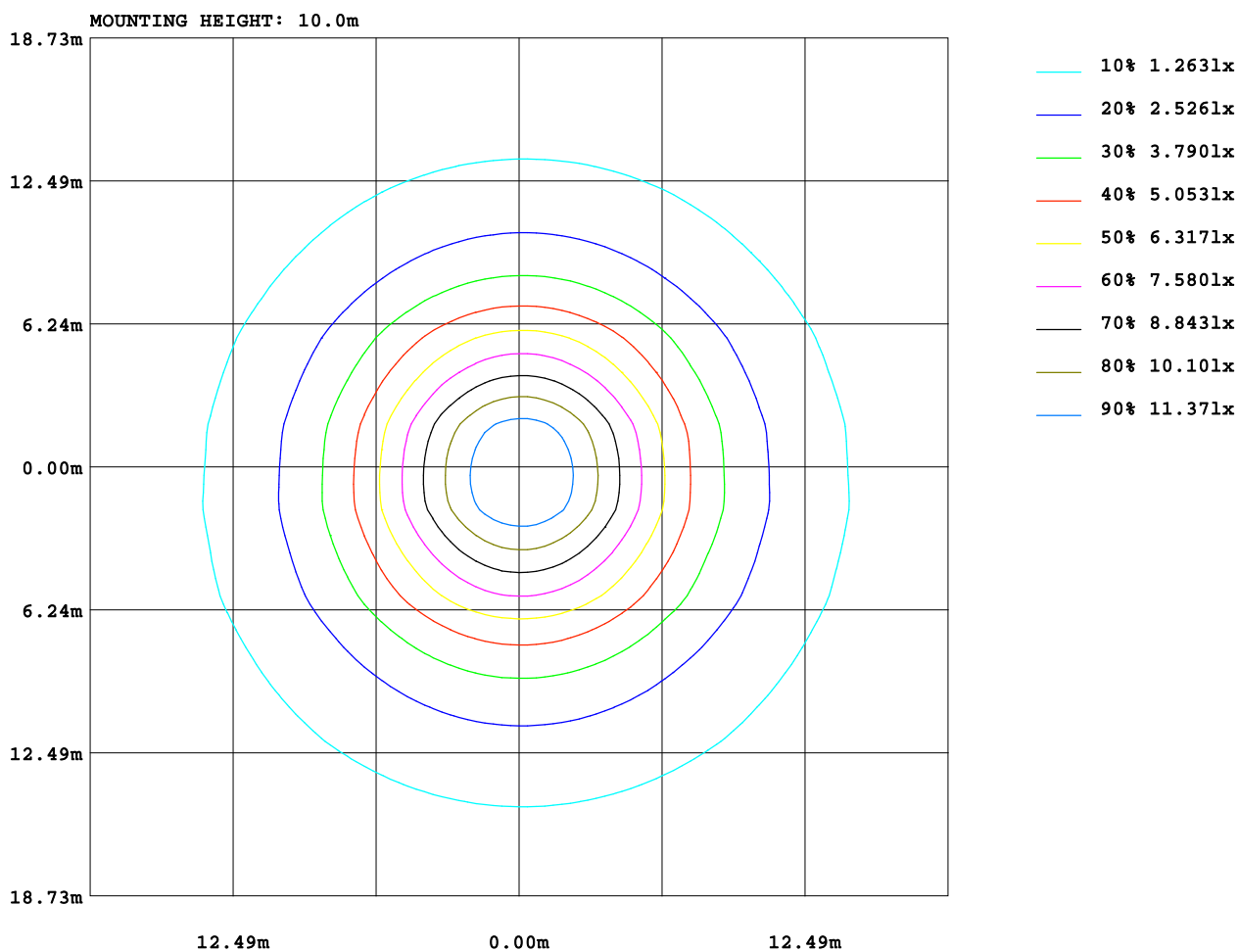
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Humidity:65.0%
Test Distance:7.000 m
Remarks:

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ISOLUX DIAGRAM

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Uncorrected UGR Table

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SPECIFICATION:4000K CRI>80					DIMENSION: 620x620mm			SERIAL No.:19052003		
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	17.4	18.9	17.7	19.1	19.3	17.8	19.3	18.0	19.5	19.7
3H	19.0	20.4	19.3	20.6	20.9	19.5	20.9	19.8	21.2	21.4
4H	19.6	20.9	20.0	21.2	21.5	20.3	21.6	20.6	21.9	22.2
6H	20.1	21.4	20.5	21.7	22.0	20.9	22.2	21.3	22.5	22.8
8H	20.3	21.5	20.7	21.8	22.2	21.2	22.4	21.6	22.7	23.1
12H	20.5	21.6	20.8	21.9	22.3	21.5	22.6	21.9	23.0	23.3
4H 2H	18.1	19.4	18.4	19.7	20.0	18.4	19.7	18.7	20.0	20.3
3H	19.9	21.0	20.3	21.4	21.7	20.3	21.5	20.7	21.8	22.1
4H	20.7	21.7	21.1	22.1	22.4	21.3	22.3	21.7	22.7	23.0
6H	21.3	22.2	21.7	22.6	23.0	22.1	23.0	22.5	23.4	23.8
8H	21.6	22.4	22.0	22.8	23.2	22.4	23.3	22.9	23.7	24.1
12H	21.7	22.5	22.2	23.0	23.4	22.8	23.6	23.2	24.0	24.4
8H 4H	21.1	21.9	21.5	22.3	22.7	21.6	22.4	22.0	22.8	23.2
6H	21.9	22.6	22.3	23.0	23.5	22.6	23.3	23.0	23.7	24.2
8H	22.2	22.9	22.7	23.3	23.8	23.0	23.7	23.5	24.1	24.6
12H	22.5	23.0	23.0	23.5	24.0	23.5	24.1	24.0	24.6	25.1
12H 4H	21.1	21.9	21.5	22.3	22.8	21.6	22.4	22.0	22.8	23.2
6H	22.0	22.6	22.5	23.1	23.6	22.6	23.3	23.1	23.7	24.2
8H	22.4	22.9	22.9	23.4	23.9	23.2	23.7	23.7	24.2	24.7
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 3686 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.5)

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