

GONIOPHOTOMETERS SYSTEM TEST REPORT

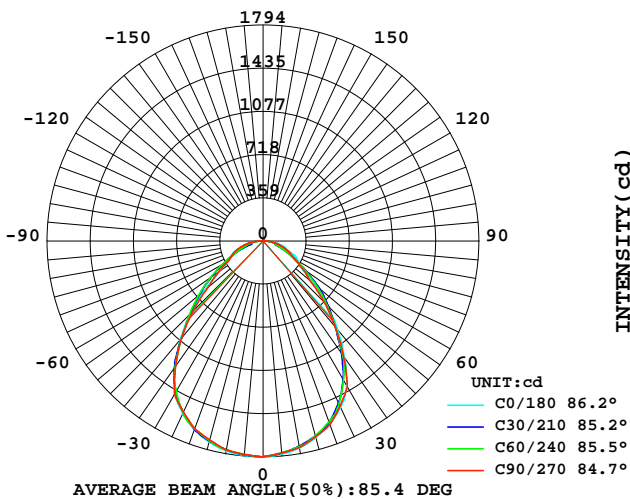
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: 180321203

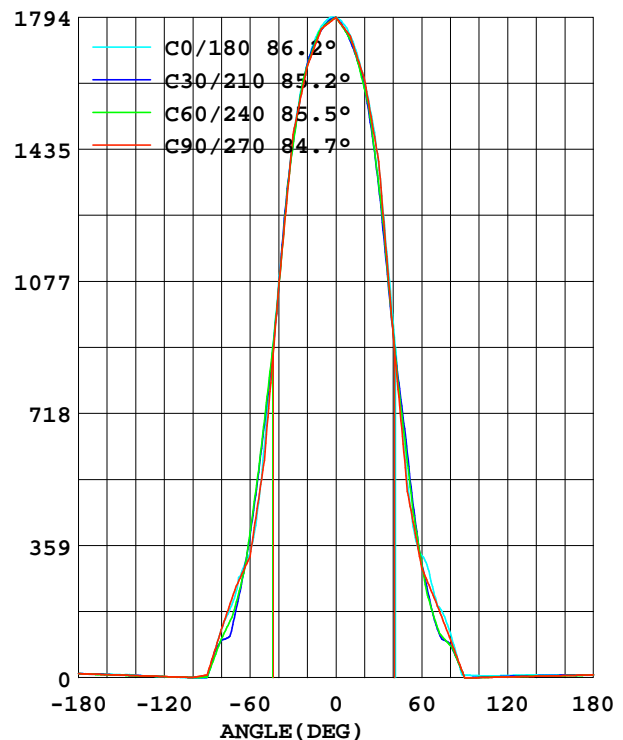
MANUFACTURER: SGSLight Limited	Address:	
NAME: TLP-6060-36-NW-100E-UGR	TYPE:LED Panel Light	WEIGHT:
SPECIFICATION:4000K CRI>80	DIMENSION: 596x596mm	SERIAL No.:180321203

DATA OF LAMP		Imax(cd)	1794	S/MH(C0/180)	1.21
MODEL	4000k	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.21
NOMINAL POWER(W)	36	TOTAL FLUX(lm)	3652.0	Voltage(V)	230.1
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	101.9	Current(A)	0.160
NOMINAL FLUX(lm)	3652.0	η up(%)	0.6	Power(W)	35.83
LAMPS QUANTITY	1	η down(%)	99.4	Power Factor(PF)	0.968
TEST VOLTAGE(V)	230.1	Effictive Flux(lm)	3652.0	EET	0.147

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:Jackie
 Test Date:2018.03.21

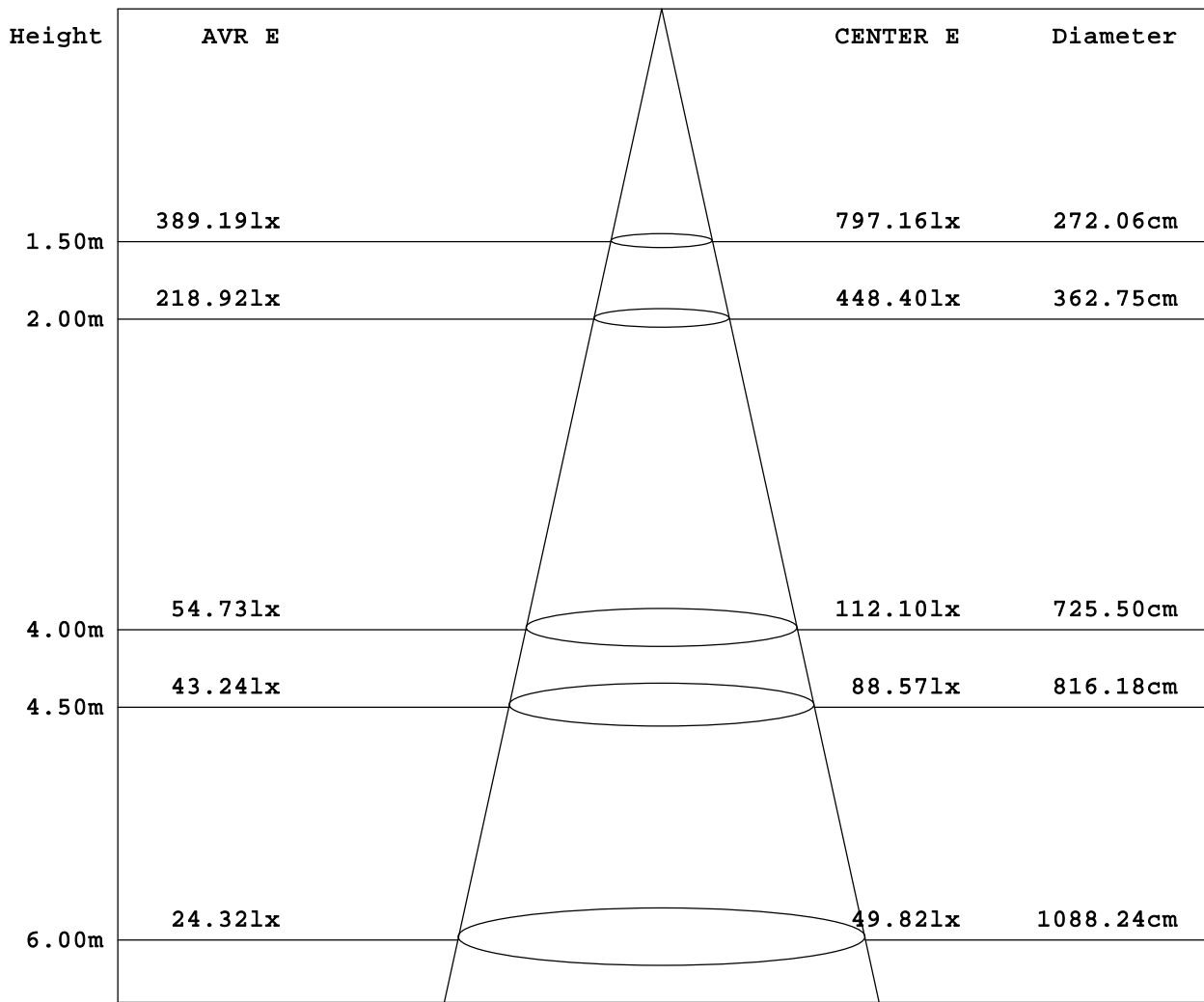
Test Set: 10.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

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AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1790	1782	1778	1775	1777	1767	1768	1776	0- 5	42.61	42.61
10.0	1771	1761	1763	1748	1745	1731	1743	1749	5- 10	126.0	168.7
15.0	1728	1725	1712	1706	1693	1680	1684	1707	10- 15	204.7	373.4
20.0	1667	1658	1661	1631	1617	1592	1626	1633	15- 20	274.8	648.3
25.0	1584	1577	1568	1540	1524	1483	1514	1542	20- 25	333.1	981.4
30.0	1459	1441	1475	1400	1390	1320	1402	1394	25- 30	373.5	1355
35.0	1278	1234	1267	1201	1178	1116	1168	1186	30- 35	387.4	1742
40.0	1073	1007	1058	981.5	965.8	924.5	933.0	981.1	35- 40	368.5	2111
45.0	851.6	843.3	824.2	814.5	748.7	753.7	719.5	814.4	40- 45	332.0	2443
50.0	629.7	713.0	590.2	673.4	530.7	585.5	506.0	659.4	45- 50	287.1	2730
55.0	445.9	504.1	459.6	489.6	389.2	392.7	402.1	448.3	50- 55	235.5	2966
60.0	339.1	309.2	329.0	313.5	332.0	238.7	298.3	263.7	55- 60	184.1	3150
65.0	295.6	207.0	286.9	193.2	288.7	175.4	251.4	180.7	60- 65	142.1	3292
70.0	229.5	170.3	244.8	144.6	211.7	149.3	204.6	146.7	65- 70	113.3	3405
75.0	176.6	198.5	188.0	156.4	173.3	139.9	154.3	157.5	70- 75	89.30	3495
80.0	130.0	136.9	131.2	123.5	121.4	93.01	104.0	113.0	75- 80	70.39	3565
85.0	67.00	66.63	69.20	75.47	52.09	43.81	52.04	58.18	80- 85	47.39	3612
90.0	1.100	0.500	7.200	12.50	5.400	0	0	1.500	85- 90	18.00	3630
95.0	0	0.359	3.750	3.760	5.599	0	0	0.513	90- 95	1.627	3632
100.0	0	0.575	0.300	0.660	5.599	0.360	0	0.140	95-100	0.554	3633
105.0	0	1.052	0.950	1.605	4.799	0.968	0.450	0.214	100-105	0.541	3633
110.0	1.300	1.506	1.600	2.513	4.799	1.551	0.900	0.345	105-110	0.797	3634
115.0	1.999	2.172	2.250	3.376	5.599	2.106	1.350	0.668	110-115	1.032	3635
120.0	2.799	2.830	2.900	4.192	5.599	2.630	1.800	0.877	115-120	1.237	3636
125.0	2.799	3.522	3.550	4.960	6.400	3.124	2.250	1.041	120-125	1.417	3638
130.0	4.299	4.127	4.200	5.464	6.400	3.589	2.700	1.595	125-130	1.575	3639
135.0	5.099	4.326	4.849	6.462	7.200	4.026	3.150	2.236	130-135	1.701	3641
140.0	6.700	5.231	5.500	7.104	7.200	4.438	3.600	2.465	135-140	1.767	3643
145.0	7.500	5.704	6.150	7.712	7.200	4.829	4.050	2.682	140-145	1.774	3644
150.0	7.500	6.657	6.799	7.954	7.200	5.201	4.500	3.467	145-150	1.707	3646
155.0	8.300	7.092	7.449	8.327	7.200	5.557	4.950	3.944	150-155	1.589	3648
160.0	9.100	8.168	8.099	8.823	7.200	5.901	5.400	4.589	155-160	1.412	3649
165.0	9.900	8.612	8.749	9.305	7.200	5.641	5.850	4.848	160-165	1.182	3650
170.0	9.900	9.047	9.399	9.776	6.500	6.560	6.300	5.831	165-170	0.897	3651
175.0	10.69	9.832	10.04	10.23	6.500	6.473	6.750	6.116	170-175	0.570	3652
180.0	10.69	10.69	10.69	10.69	7.200	7.200	7.200	7.200	175-180	0.200	3652
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:Jackie
 Test Date:2018.03.21

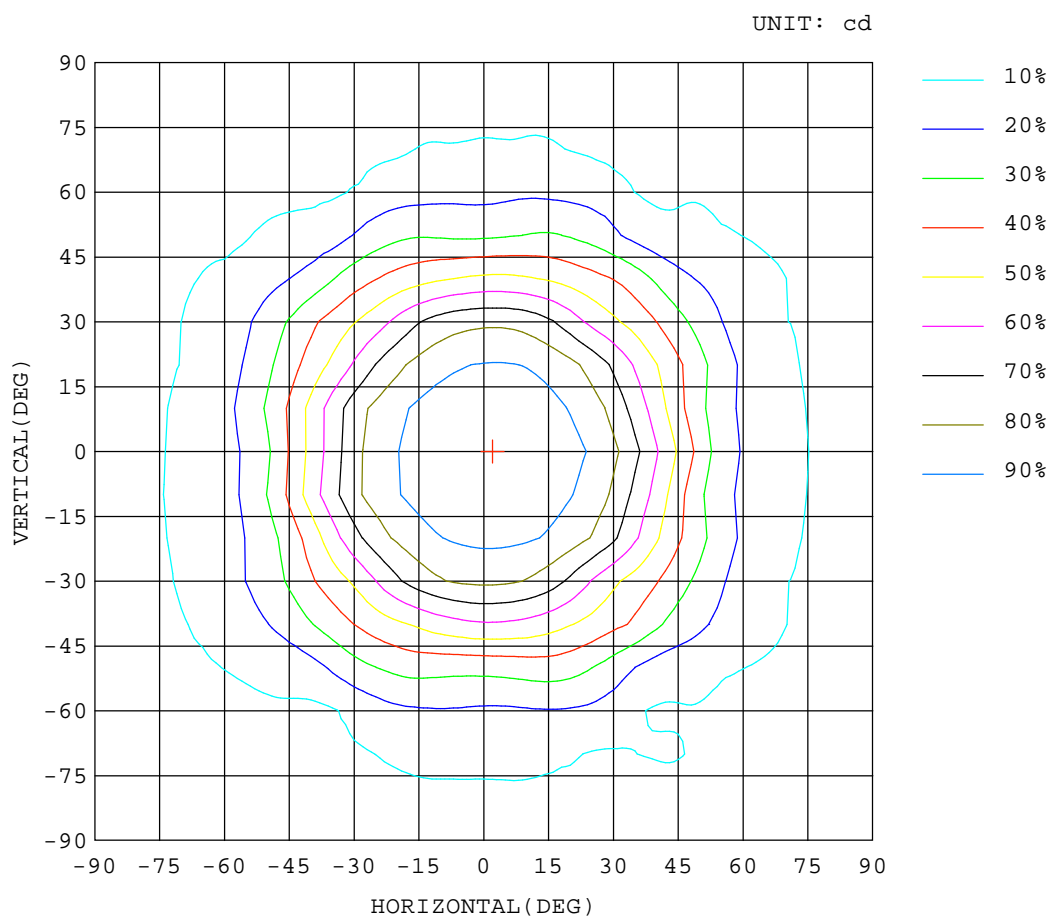
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ISOCANDELA DIAGRAM

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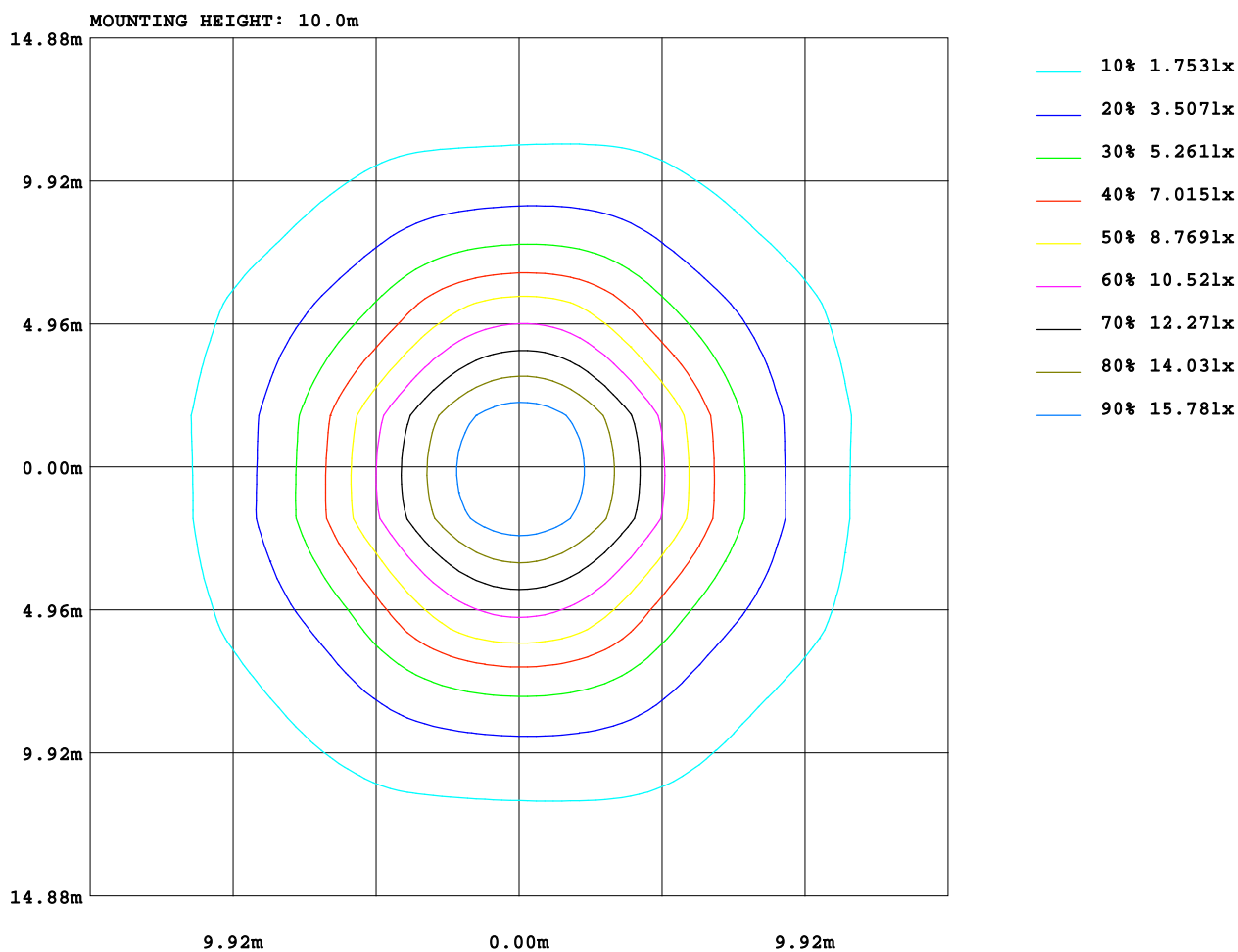
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Remarks:

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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: 596x596mm			SERIAL No.:180321203		
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	15.4	16.7	15.6	16.9	17.1	15.4	16.8	15.7	17.0	17.2
3H	16.5	17.7	16.8	18.0	18.2	16.5	17.8	16.8	18.0	18.3
4H	17.0	18.2	17.3	18.4	18.7	17.2	18.3	17.5	18.6	18.9
6H	17.5	18.6	17.8	18.9	19.2	17.7	18.8	18.0	19.1	19.4
8H	17.7	18.8	18.1	19.1	19.4	17.9	19.0	18.3	19.3	19.6
12H	17.9	18.9	18.3	19.2	19.5	18.1	19.2	18.5	19.5	19.8
4H 2H	15.6	16.8	15.9	17.0	17.3	15.6	16.8	15.9	17.1	17.3
3H	16.8	17.9	17.2	18.1	18.5	16.9	17.9	17.3	18.2	18.6
4H	17.5	18.4	17.8	18.7	19.1	17.7	18.6	18.1	18.9	19.3
6H	18.2	19.0	18.6	19.4	19.7	18.5	19.3	18.9	19.6	20.0
8H	18.5	19.3	18.9	19.7	20.1	18.8	19.6	19.2	19.9	20.3
12H	18.8	19.5	19.2	19.9	20.3	19.1	19.8	19.5	20.2	20.6
8H 4H	17.7	18.5	18.1	18.8	19.2	17.9	18.7	18.3	19.0	19.4
6H	18.5	19.2	19.0	19.6	20.0	18.8	19.5	19.3	19.9	20.3
8H	19.0	19.6	19.5	20.0	20.5	19.3	19.8	19.7	20.3	20.7
12H	19.4	19.9	19.9	20.3	20.8	19.7	20.2	20.2	20.6	21.1
12H 4H	17.7	18.4	18.1	18.8	19.2	17.9	18.6	18.3	19.0	19.4
6H	18.6	19.2	19.1	19.6	20.1	18.9	19.5	19.4	19.9	20.4
8H	19.1	19.6	19.6	20.1	20.6	19.4	19.9	19.9	20.3	20.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.5					+ 0.3 / - 0.4				
1.5H	+ 0.2 / - 0.5					+ 0.2 / - 0.5				
2.0H	+ 0.6 / - 0.7					+ 0.6 / - 0.8				

CIE Pub.117 Corrected 3652 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.5)

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