

GONIOPHOTOMETERS SYSTEM TEST REPORT

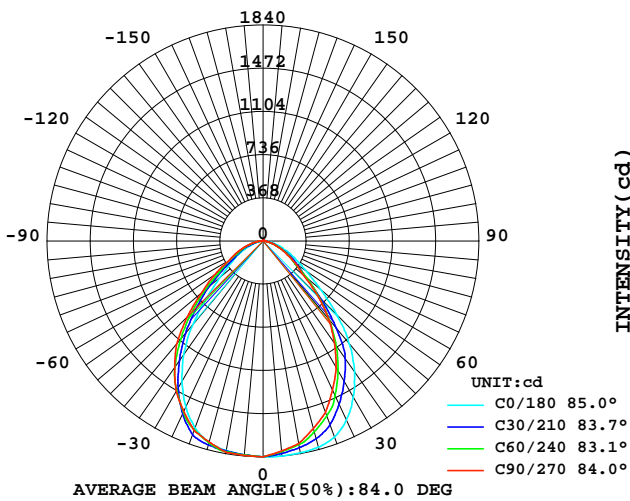
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: 2018032106

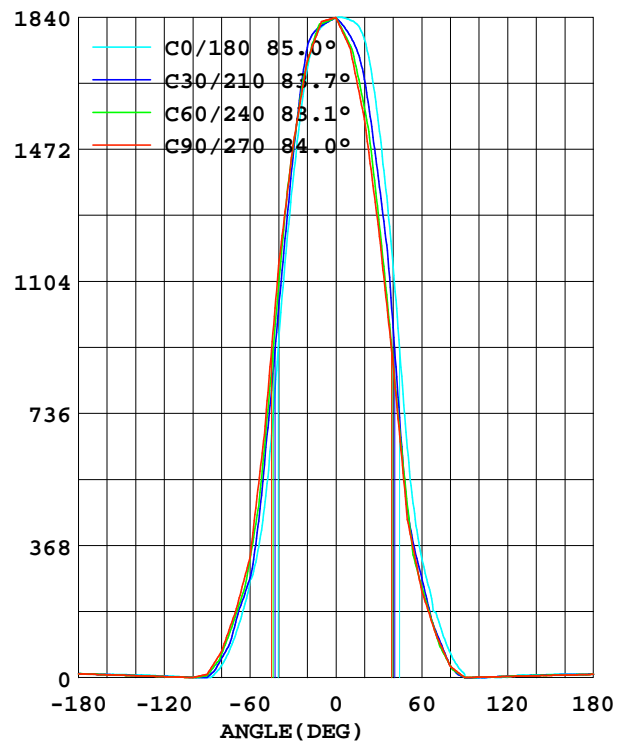
MANUFACTURER: SGSLight Limited		Address:	
NAME: TLP-6060-26-NW-130-NU		TYPE:LED Panel Light	WEIGHT:
SPECIFICATION:4000K CRI>80		DIMENSION: 596x596mm	SERIAL No.:2018032106

DATA OF LAMP		Imax(cd)	1840	S/MH(C0/180)	1.14
MODEL	4000K	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.20
NOMINAL POWER(W)	26	TOTAL FLUX(lm)	3487.1	Voltage(V)	219.8
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	130.6	Current(A)	0.137
NOMINAL FLUX(lm)	3487.2	η up(%)	0.7	Power(W)	26.70
LAMPS QUANTITY	1	η down(%)	99.3	Power Factor(PF)	0.935
TEST VOLTAGE(V)	219.8	Effictive Flux(lm)	3487.2	EEI	0.104

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2018-03-21

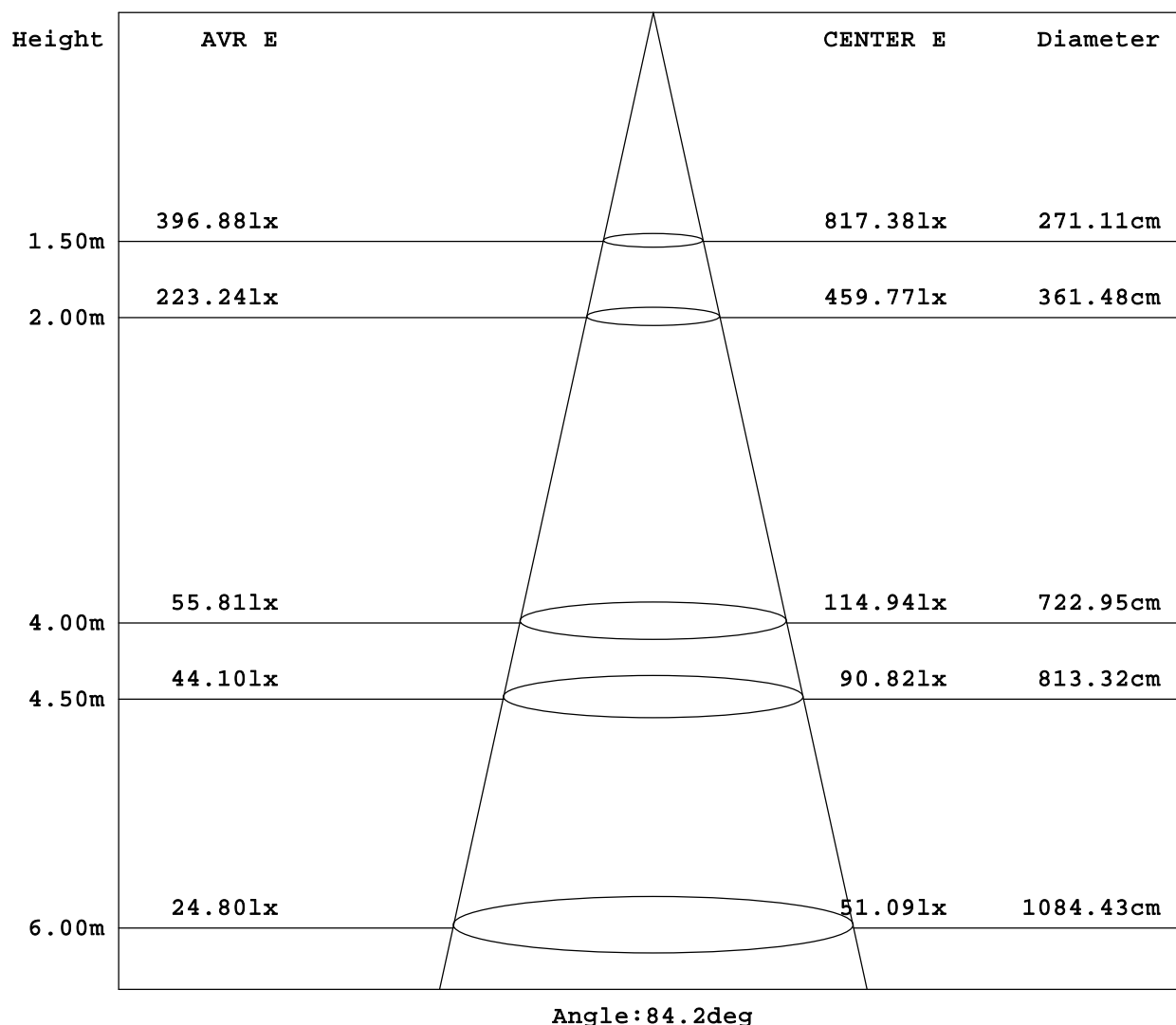
Test Set: 10.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

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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	1829	1829	1834	1835	1839	1808	1796	1804	0- 5	43.68	43.68
10.0	1813	1820	1828	1825	1832	1772	1753	1770	5- 10	129.4	173.1
15.0	1778	1801	1774	1806	1820	1720	1654	1717	10- 15	210.8	384.0
20.0	1697	1723	1719	1752	1779	1620	1556	1598	15- 20	283.0	667.0
25.0	1557	1606	1601	1681	1682	1501	1401	1450	20- 25	339.9	1007
30.0	1384	1454	1482	1550	1537	1337	1247	1284	25- 30	375.3	1382
35.0	1183	1292	1315	1364	1360	1123	1060	1111	30- 35	387.7	1770
40.0	930.2	1112	1148	1159	1143	881.5	873.1	914.2	35- 40	374.2	2144
45.0	673.8	837.1	912.4	953.7	890.0	671.7	656.5	670.5	40- 45	332.6	2477
50.0	474.5	562.4	677.0	739.3	640.2	489.5	440.0	451.1	45- 50	269.6	2747
55.0	340.0	420.5	506.0	516.4	457.0	356.2	341.0	349.0	50- 55	207.4	2954
60.0	272.9	313.9	335.1	341.6	333.3	250.9	242.1	268.0	55- 60	160.8	3115
65.0	185.5	227.2	260.1	266.0	251.3	191.1	180.5	193.7	60- 65	124.3	3239
70.0	120.0	157.6	185.0	196.3	180.3	127.6	118.9	131.2	65- 70	93.40	3333
75.0	69.90	105.6	128.5	124.6	117.5	68.30	75.09	83.56	70- 75	64.69	3397
80.0	33.40	59.83	72.00	76.53	68.50	34.34	31.19	44.94	75- 80	39.56	3437
85.0	8.700	25.01	40.50	38.58	32.90	11.85	15.74	16.64	80- 85	19.65	3457
90.0	0.400	3.400	9.000	9.300	9.599	0	0.300	0.500	85- 90	6.959	3464
95.0	0.800	1.008	4.550	2.740	0	0.423	0.700	0.994	90- 95	1.159	3465
100.0	1.600	0.360	0.100	0.435	0	0.920	1.100	1.400	95-100	0.536	3465
105.0	2.400	0.968	0.750	1.182	0.800	1.559	1.600	1.737	100-105	0.577	3466
110.0	3.200	1.551	1.400	1.895	1.600	2.078	2.100	2.061	105-110	0.884	3467
115.0	3.200	2.120	2.050	2.574	0.800	2.786	2.600	2.370	110-115	1.119	3468
120.0	4.799	2.776	2.700	3.215	1.600	3.208	3.100	2.661	115-120	1.364	3469
125.0	4.799	3.224	3.350	4.028	3.299	3.677	3.600	3.047	120-125	1.613	3471
130.0	6.400	4.087	4.000	4.785	6.800	4.489	4.100	3.592	125-130	1.830	3473
135.0	7.200	4.920	4.650	5.368	7.000	5.373	4.600	3.884	130-135	1.948	3475
140.0	7.200	5.031	5.300	5.918	7.900	5.928	5.100	4.272	135-140	1.995	3477
145.0	7.300	6.407	5.950	6.975	7.300	6.365	5.600	4.519	140-145	1.978	3479
150.0	8.800	6.457	6.600	7.513	8.900	6.949	6.100	5.823	145-150	1.932	3480
155.0	8.900	7.510	7.250	8.027	9.000	7.792	6.600	6.140	150-155	1.808	3482
160.0	8.900	7.968	7.900	8.526	9.800	7.656	7.100	7.098	155-160	1.620	3484
165.0	9.700	8.412	8.550	9.698	9.100	8.027	7.600	7.434	160-165	1.362	3485
170.0	9.700	9.576	9.200	10.20	9.100	8.389	8.100	7.760	165-170	1.038	3486
175.0	10.50	10.03	9.850	10.70	9.100	8.745	8.600	8.081	170-175	0.662	3487
180.0	10.50	10.50	10.50	10.50	9.100	9.100	9.100	9.100	175-180	0.230	3487
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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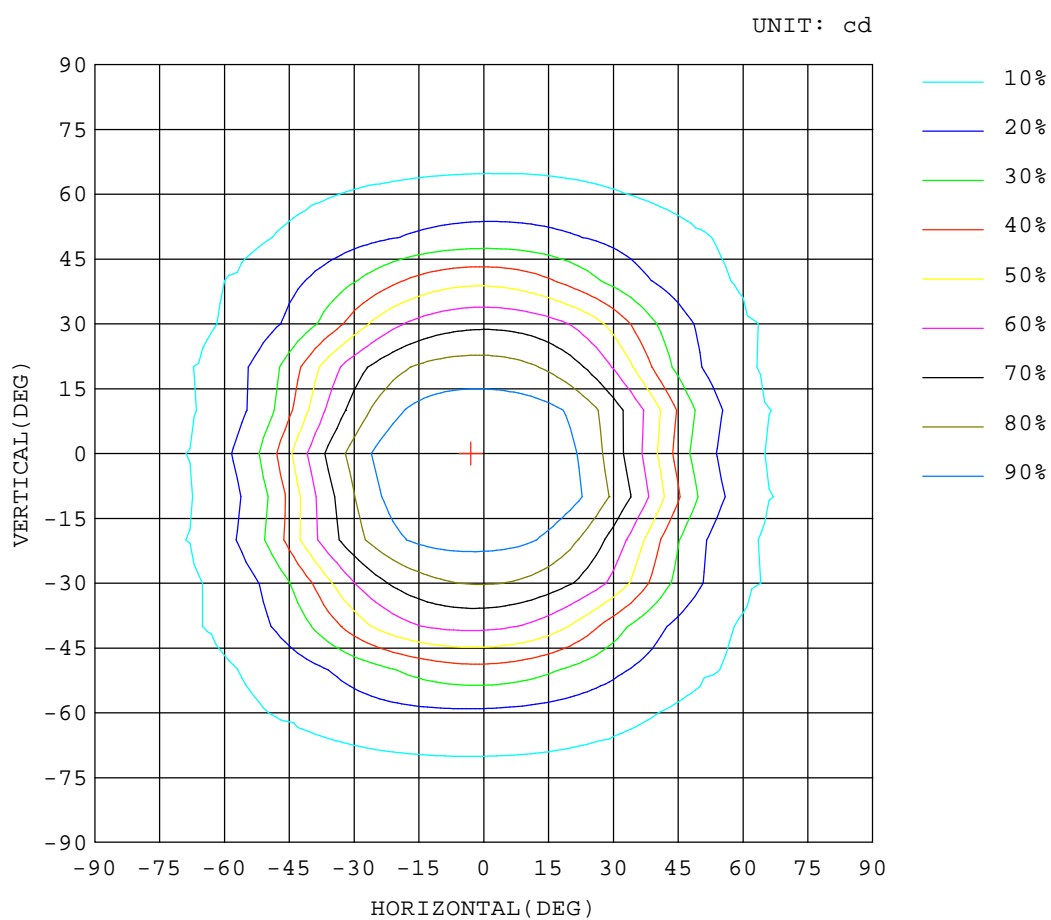
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ISOCANDELA DIAGRAM

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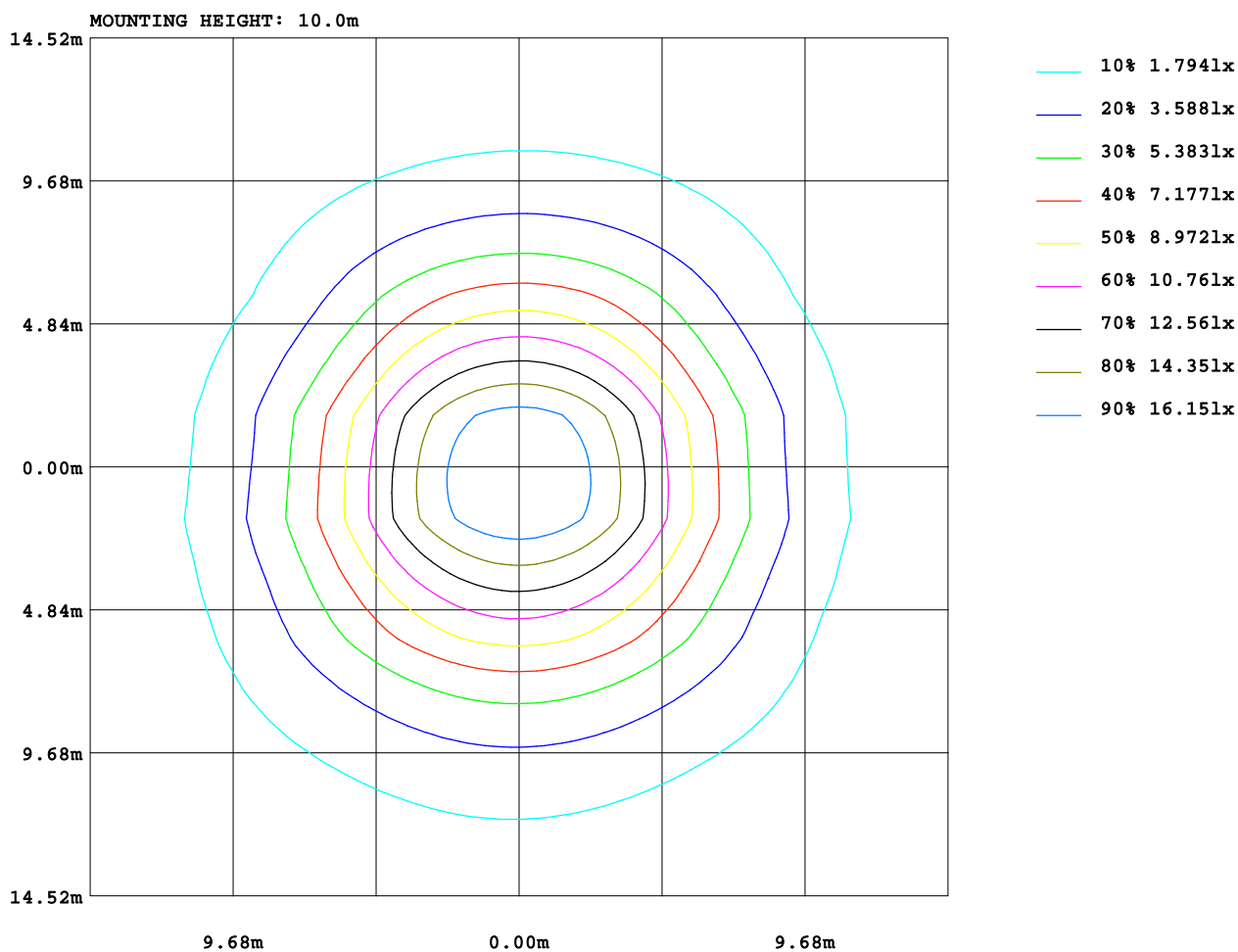
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ISOLUX DIAGRAM

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Uncorrected UGR Table

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SPECIFICATION:4000K CRI>80					DIMENSION: 596x596mm			SERIAL No.:2018032106		
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	14.3	15.6	14.6	15.8	16.0	15.3	16.6	15.6	16.8	17.0
3H	14.9	16.1	15.2	16.3	16.5	16.0	17.2	16.3	17.5	17.7
4H	15.0	16.2	15.3	16.4	16.7	16.4	17.5	16.7	17.7	18.0
6H	15.1	16.1	15.4	16.4	16.7	16.6	17.6	16.9	17.9	18.2
8H	15.1	16.1	15.4	16.4	16.7	16.7	17.7	17.0	18.0	18.3
12H	15.0	16.0	15.4	16.3	16.6	16.7	17.7	17.1	18.0	18.3
4H 2H	14.6	15.8	14.9	16.0	16.3	15.5	16.6	15.8	16.8	17.1
3H	15.4	16.3	15.7	16.6	17.0	16.4	17.4	16.7	17.7	18.0
4H	15.6	16.5	16.0	16.8	17.2	16.8	17.7	17.2	18.0	18.4
6H	15.7	16.5	16.1	16.9	17.3	17.2	17.9	17.6	18.3	18.7
8H	15.8	16.5	16.2	16.9	17.3	17.3	18.0	17.7	18.4	18.8
12H	15.7	16.4	16.2	16.8	17.2	17.4	18.1	17.8	18.5	18.9
8H 4H	15.8	16.5	16.2	16.9	17.3	16.9	17.6	17.3	18.0	18.4
6H	16.0	16.6	16.4	17.0	17.4	17.3	17.9	17.8	18.3	18.8
8H	16.1	16.6	16.5	17.0	17.5	17.5	18.0	18.0	18.5	18.9
12H	16.1	16.5	16.5	17.0	17.5	17.7	18.2	18.2	18.6	19.1
12H 4H	15.8	16.4	16.2	16.8	17.2	16.9	17.5	17.3	17.9	18.3
6H	16.0	16.5	16.5	17.0	17.4	17.3	17.8	17.8	18.3	18.7
8H	16.1	16.6	16.6	17.0	17.5	17.5	18.0	18.0	18.4	18.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 1.1					+ 0.4 / - 0.5				
1.5H	+ 0.6 / - 1.0					+ 0.3 / - 0.4				
2.0H	+ 1.3 / - 1.2					+ 1.3 / - 1.0				

CIE Pub.117 Corrected 3487 lm Total Lamp Luminous Flux. (8log(F/F0) = 4.3)

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