

GONIOPHOTOMETERS SYSTEM TEST REPORT

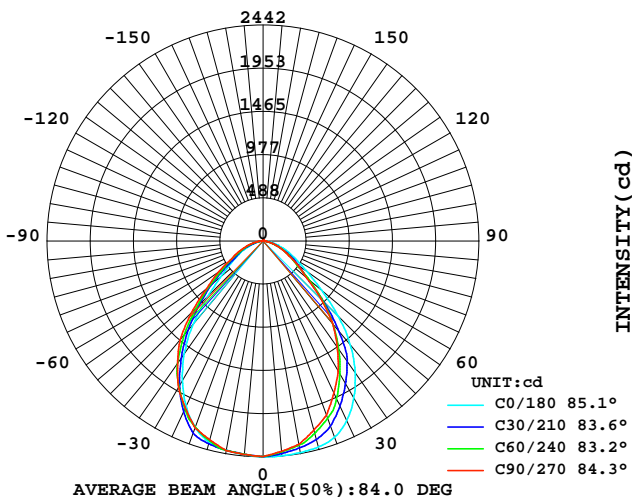
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: 2018032109

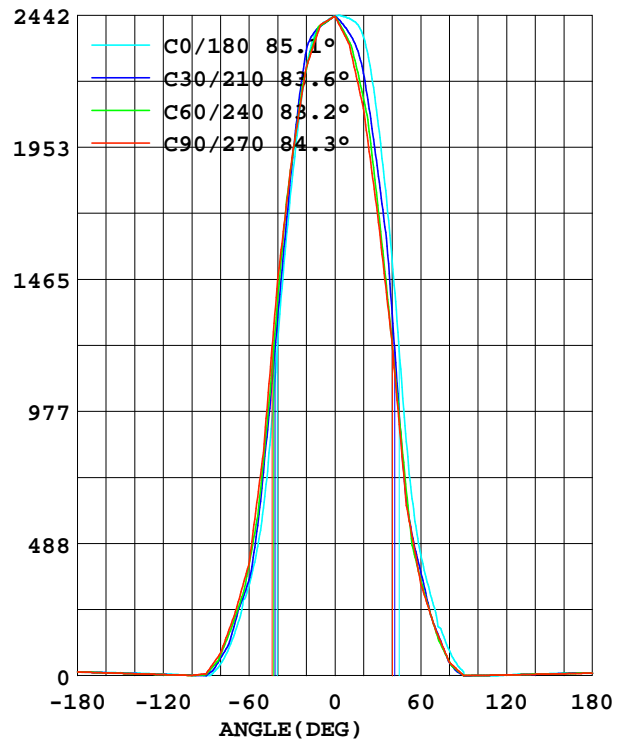
MANUFACTURER: SGSLight limited	Address:	
NAME: TLP-6060-36-NW-125-NU-IP65	TYPE:LED Panel Light	WEIGHT:
SPECIFICATION:4000K CRI>80	DIMENSION: 596x596mm	SERIAL No.:2018032109

DATA OF LAMP		Imax(cd)	2442	S/MH(C0/180)	1.14
MODEL	4000K	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.17
NOMINAL POWER(W)	36	TOTAL FLUX(lm)	4607.8	Voltage(V)	219.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	126.6	Current(A)	0.172
NOMINAL FLUX(lm)	4607.9	η up(%)	0.5	Power(W)	36.40
LAMPS QUANTITY	1	η down(%)	99.5	Power Factor(PF)	0.973
TEST VOLTAGE(V)	219.3	Effective Flux(lm)	4607.9	EEI	0.108

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



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

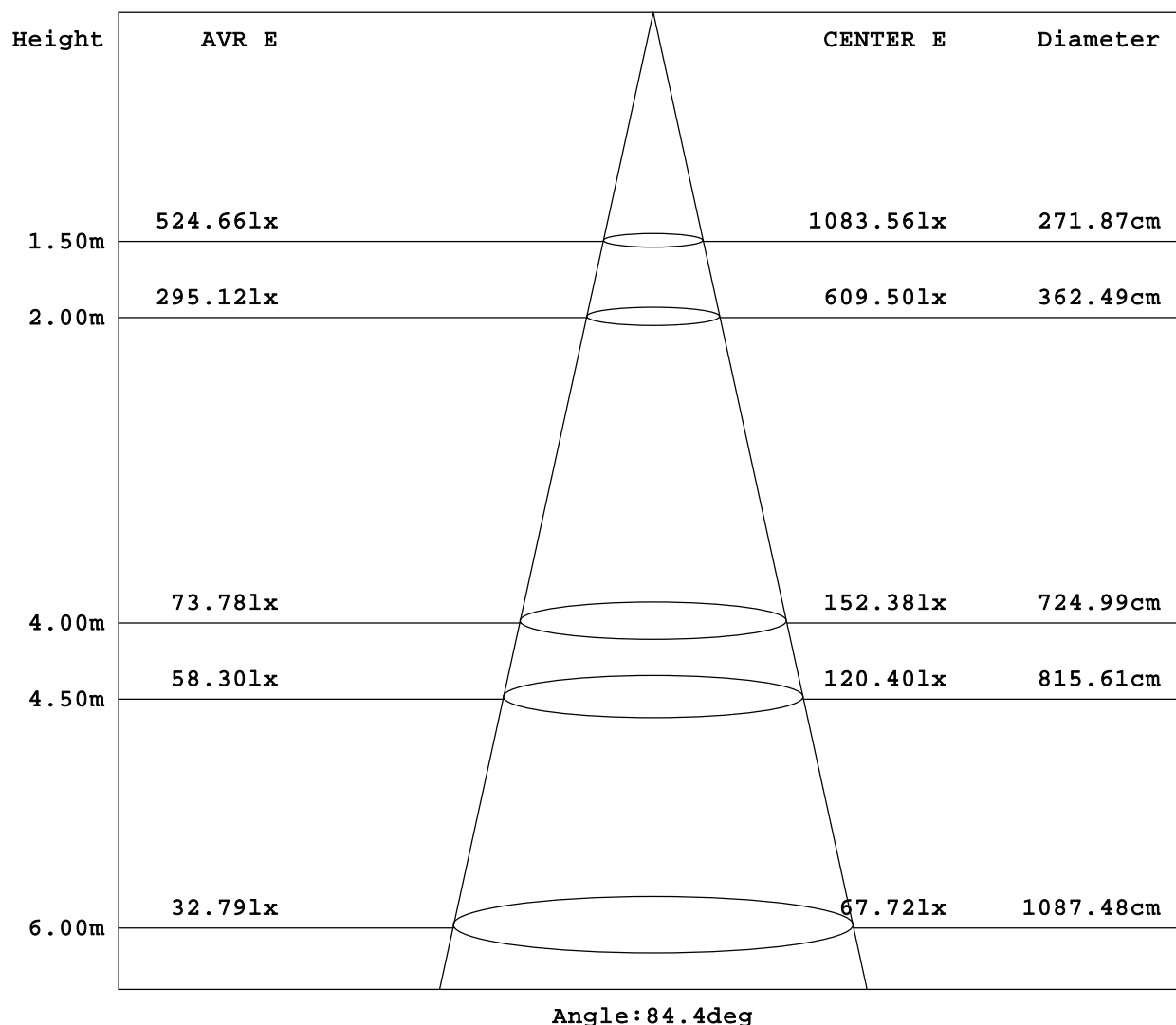
Test Set: 10.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

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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	2424	2420	2422	2428	2438	2402	2386	2396	0- 5	57.91	57.91
10.0	2404	2402	2407	2411	2430	2358	2335	2353	5- 10	171.5	229.4
15.0	2357	2371	2328	2378	2412	2294	2215	2290	10- 15	279.4	508.9
20.0	2247	2258	2249	2300	2361	2173	2096	2141	15- 20	375.2	884.1
25.0	2059	2094	2082	2199	2240	2026	1898	1951	20- 25	450.8	1335
30.0	1827	1886	1914	2020	2052	1816	1699	1737	25- 30	497.6	1833
35.0	1558	1667	1688	1770	1817	1541	1464	1513	30- 35	514.1	2347
40.0	1222	1423	1462	1495	1533	1230	1228	1261	35- 40	496.7	2844
45.0	881.5	1056	1143	1216	1200	943.7	928.5	928.5	40- 45	441.4	3285
50.0	619.8	700.4	824.0	929.9	864.3	690.8	629.3	625.0	45- 50	356.1	3641
55.0	444.3	526.2	619.0	651.5	615.7	499.2	484.9	481.4	50- 55	272.7	3914
60.0	332.6	394.9	414.0	433.4	447.5	346.0	340.5	369.1	55- 60	211.2	4125
65.0	241.7	284.1	320.2	337.3	337.1	261.5	257.5	269.1	60- 65	163.3	4289
70.0	155.5	194.9	226.3	247.4	242.8	177.1	174.5	184.9	65- 70	123.4	4412
75.0	89.90	128.4	154.2	154.2	158.8	99.85	112.0	119.9	70- 75	84.97	4497
80.0	42.40	70.86	82.19	92.77	92.89	52.30	49.70	65.60	75- 80	51.87	4549
85.0	10.40	27.53	44.59	44.98	45.40	19.43	24.85	24.79	80- 85	25.42	4574
90.0	0.700	1.100	7.000	8.700	13.09	0	0	0	85- 90	8.485	4583
95.0	1.800	0.690	3.800	2.775	0	0.071	0.150	0	90- 95	0.916	4584
100.0	2.599	0.895	0.600	0.860	0	0.340	0.300	0.160	95-100	0.439	4584
105.0	2.699	1.575	1.400	1.805	0	0.844	0.850	0.423	100-105	0.548	4585
110.0	4.299	2.223	2.200	2.713	0	1.306	1.400	0.751	105-110	0.849	4585
115.0	5.099	3.074	3.000	3.810	0.800	1.738	1.950	1.089	110-115	1.133	4587
120.0	5.199	3.715	3.800	4.492	1.600	2.392	2.500	1.753	115-120	1.408	4588
125.0	6.000	4.528	4.600	5.409	3.999	2.839	3.050	2.045	120-125	1.672	4590
130.0	7.600	5.285	5.400	6.381	4.799	3.390	3.600	2.492	125-130	1.904	4592
135.0	7.700	6.315	6.200	7.110	4.899	4.226	4.150	3.231	130-135	2.062	4594
140.0	9.300	6.994	7.000	8.290	5.699	4.638	4.700	4.045	135-140	2.155	4596
145.0	10.10	7.614	7.800	8.587	6.600	5.565	5.250	4.897	140-145	2.184	4598
150.0	10.90	8.690	8.600	9.746	7.400	6.149	5.800	5.401	145-150	2.147	4600
155.0	11.00	9.623	9.400	10.38	8.200	6.992	6.350	5.757	150-155	2.040	4602
160.0	11.80	10.43	10.20	10.99	9.000	8.065	6.900	6.756	155-160	1.844	4604
165.0	12.60	10.99	11.00	12.27	9.000	8.189	7.450	7.819	160-165	1.563	4606
170.0	12.60	12.26	11.80	12.89	9.800	8.318	8.000	8.875	165-170	1.209	4607
175.0	13.40	12.83	12.60	13.18	9.800	9.065	8.550	9.375	170-175	0.772	4608
180.0	13.40	13.40	13.40	13.40	9.100	9.100	9.100	9.100	175-180	0.267	4608
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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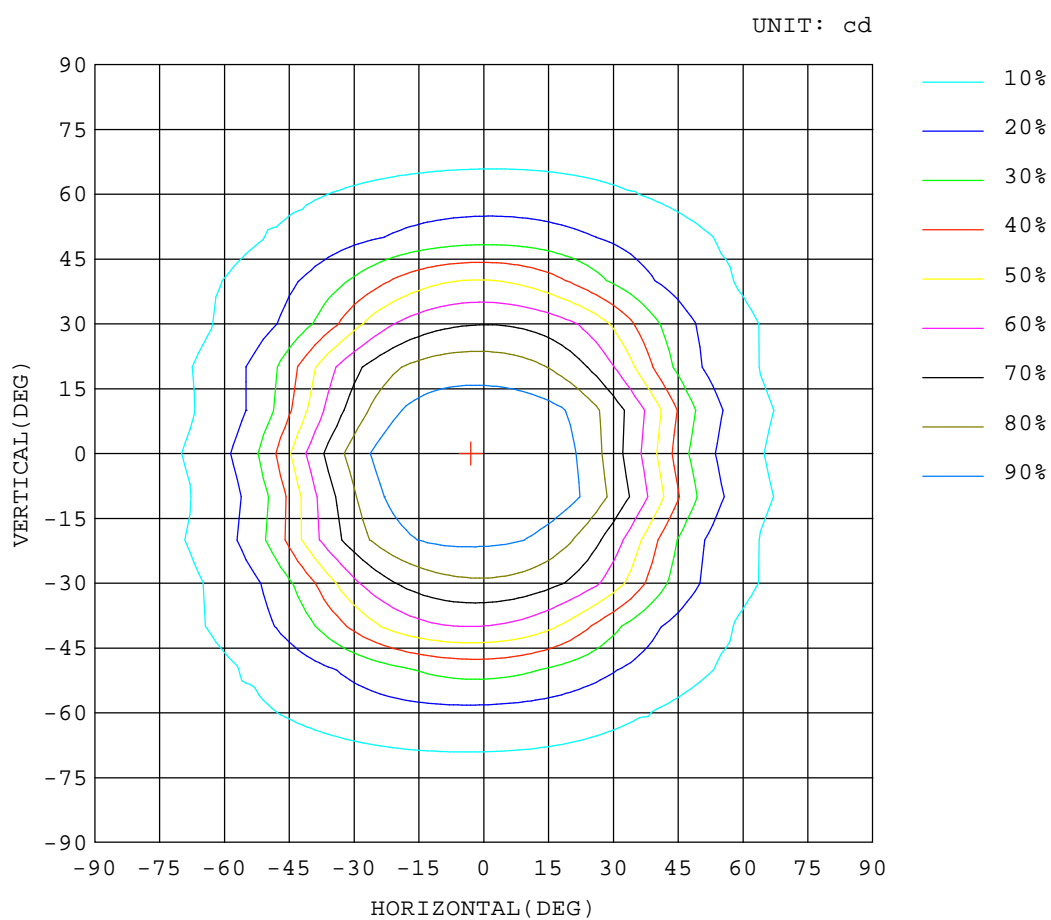
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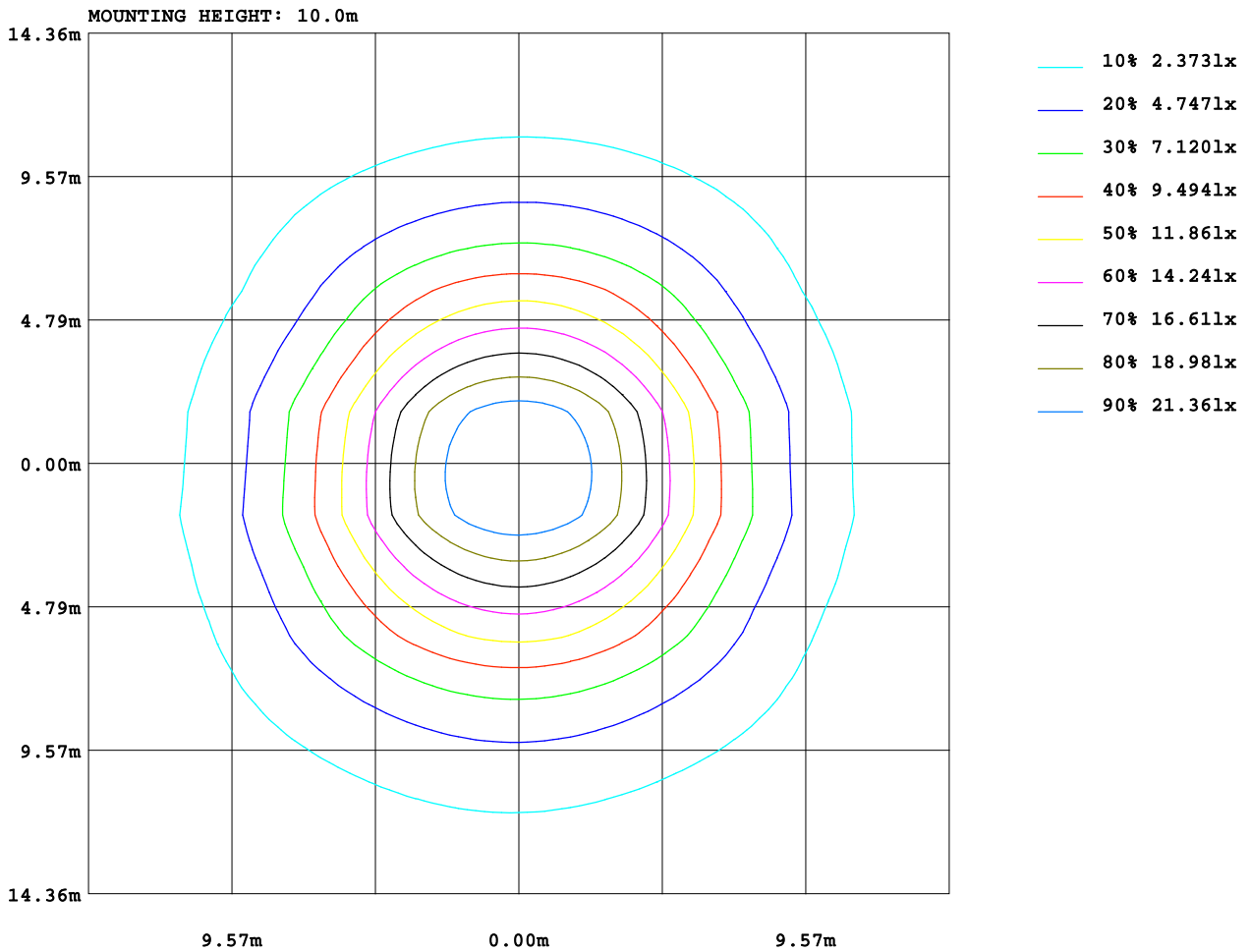
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ISOLUX DIAGRAM

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Uncorrected UGR Table

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SPECIFICATION:4000K CRI>80					DIMENSION: 596x596mm			SERIAL No.:2018032109		
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	15.1	16.4	15.4	16.6	16.8	15.9	17.2	16.1	17.4	17.6
3H	15.7	16.9	16.0	17.1	17.3	16.6	17.8	16.9	18.0	18.2
4H	15.8	17.0	16.1	17.2	17.5	16.9	18.0	17.2	18.3	18.5
6H	15.9	16.9	16.2	17.2	17.5	17.1	18.1	17.4	18.4	18.7
8H	15.9	16.9	16.2	17.2	17.5	17.1	18.1	17.4	18.4	18.7
12H	15.8	16.8	16.2	17.1	17.4	17.2	18.1	17.5	18.4	18.7
4H 2H	15.4	16.5	15.7	16.8	17.0	16.0	17.2	16.3	17.4	17.7
3H	16.1	17.1	16.5	17.4	17.7	16.9	17.9	17.3	18.2	18.5
4H	16.4	17.3	16.7	17.6	17.9	17.3	18.2	17.7	18.5	18.9
6H	16.5	17.3	16.9	17.6	18.0	17.6	18.4	18.0	18.8	19.1
8H	16.5	17.2	16.9	17.6	18.0	17.7	18.4	18.1	18.8	19.2
12H	16.5	17.2	16.9	17.5	18.0	17.8	18.5	18.2	18.9	19.3
8H 4H	16.5	17.2	16.9	17.6	18.0	17.4	18.1	17.8	18.5	18.9
6H	16.7	17.3	17.1	17.7	18.1	17.8	18.4	18.2	18.8	19.2
8H	16.8	17.3	17.2	17.7	18.2	17.9	18.4	18.4	18.9	19.3
12H	16.8	17.2	17.2	17.7	18.2	18.1	18.5	18.6	19.0	19.5
12H 4H	16.5	17.2	16.9	17.5	17.9	17.4	18.0	17.8	18.4	18.8
6H	16.7	17.2	17.2	17.7	18.1	17.8	18.3	18.2	18.7	19.2
8H	16.8	17.2	17.3	17.7	18.2	17.9	18.4	18.4	18.8	19.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.8 / - 1.1					+ 0.5 / - 0.6				
1.5H	+ 0.7 / - 1.0					+ 0.4 / - 0.5				
2.0H	+ 1.4 / - 1.3					+ 1.4 / - 1.1				

CIE Pub.117 Corrected 4608 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.3)

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