

Test Report

Client : JIAXING ITEL ELECTRICS TECHNOLOGY LIMITED
Address : 1st and 2nd floors of Building 3, West Zone, No. 211 Yanbei Road, Wuyuan Street,
Haiyan County, Jiaxing City, Zhejiang Province

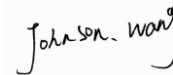
Description of the submitted sample(s):

Sample Name : All In One Solar Street Light
Model/Type : IBA-LA08
Trademark : itel
Ratings : 3.2V, 80W (Built-in battery pack), 7500K, 6000 lm
Test Item : LM-79-19
State of Sample(s) : Normal
Sample Quantity : 1 PCS
Manufacturer : JIAXING ITEL ELECTRICS TECHNOLOGY LIMITED
Address : 1st and 2nd floors of Building 3, West Zone, No. 211 Yanbei Road,
Wuyuan Street, Haiyan County, Jiaxing City, Zhejiang Province
Sample Received Date : 2025-07-11
Sample tested Date : 2025-07-11
Test Standard : LM-79-19
Test Laboratory : Shenzhen AOCE Electronic Technology Service Co., Ltd
Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu
Testing location : Industrial Park, Fuhai Street, Baoan District, Shenzhen,
Guangdong, China
Remark : The tested sample(s) and the sample information are provided by
the client.

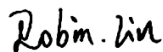
Compiled by:



Reviewed by:



Approved by:



Date :

2025-07-31

Robin Liu
Lab Supervisor

Summary of Result

Test Item	Test Result	
	Luminous Flux (lm)	Luminous Efficacy (lm/W)
Integrating Sphere Test	5696.876	71.46
Goniophotometer Test	5744.73	72.34

1 Test Condition

1.1 Air Temperature

The ambient temperature in which measurements are being taken shall be maintained at $25^{\circ}\text{C} \pm 1^{\circ}\text{C}$, measured at a point not more than 1 m from the SSL product and at the same height as the SSL product. The temperature sensor shall be shielded from direct optical radiation from the SSL product and optical radiation from any other source. If measurements are performed at other than this recommended temperature, this is a non-standard condition and shall be noted in the test report.

1.2 Thermal Conditions for Mounting SSL Products

The method of mounting can be the primary path for heat flow away from the device and can affect measurement results significantly. The SSL product under test shall be mounted to the measuring instrument so that heat conduction through supporting objects causes negligible cooling effects. If the SSL product under test is provided with a support structure that is designated to be used as a component of the luminaire thermal management system, the product shall be tested with the support structure attached. Any such support structure included in the measurement shall be reported.

1.3 Air Movement

The incidence of air movements on the surface of a SSL product under test may substantially affect electrical and photometric values. Air flow around the SSL product being tested should be such that normal convective air flow induced by device under test is not affected.

1.4 Waveshape of AC Power Supply

The AC power supply, while operating the SSL product, shall have a sinusoidal voltage waveshape at the prescribed frequency typically 50/60 Hz or 50 Hz) such that the RMS summation of the harmonic components does not exceed 3 percent of the fundamental during operation of the test item.

1.5 Voltage Regulation

The voltage of an AC power supply (RMS voltage) or DC power supply (instantaneous voltage) applied to the device under test shall be regulated to within ± 0.2 percent under load.

1.6 Seasoning

For the purpose of rating new SSL products, SSL products shall be tested with no seasoning.

1.7 Stabilization

Before measurements are taken, the SSL product under test shall be operated long enough to reach stabilization and temperature equilibrium. The time required for stabilization depends on the type of SSL products under test. The stabilization time typically ranges from 30 min to 2 or more hours for large SSL products.

1.8 Operating Orientation

The SSL product under test shall be evaluated in the operating orientation recommended by the manufacturer for an intended use of the SSL product. Stabilization and photometric measurements of SSL products shall be done in such operating orientation.

2 Test Method

2.1 Integrating Sphere Measurement

The integrating sphere system includes AC power source, digital power meter, DC power supply, spectrophotometer, and integrating sphere. The system is calibrated by standard lamp before measurement weekly. The standard lamp has been calibrated regularly and traced to the National Primary Standard.

The 4π geometry was used to measure total luminous, luminous efficacy, chromaticity coordinates, correlated color temperature, and color rendering index, the spectral radiant flux measurements taken at 1 nm intervals over the range of 380 to 780 nm. The product was operated in its intended orientation and was recorded in the report.

2.2 Goniophotometer Measurement

The goniophotometer system is calibrated by standard lamp before measurement weekly. The standard lamp has been calibrated regularly and traced to National Primary Standards.

Type C goniophotometer was used for measuring total luminous flux, luminous efficacy, luminous intensity distribution, and color angular uniformity, which were calculated from the software taken at 1° vertical intervals and 22.5° horizontal intervals. The product was operated in its intended orientation and was recorded in the report.

2.3 Electrical Measurement

According to ANSI C82.77-2002, the measurement was made using a digital power meter and power supply, the SSL product under test was operated at rated voltage and stabilized enough before measurement. The total harmonic distortion of current and power factor can be calculated from the digital power meter. The digital power meter was calibrated regularly and traced to National Primary Standards.

3 Test Result

3.1 Integrating Sphere

Temperature (°C)	Test Humidity	Orientation	Stabilization Time(min)	Test Time(min)	Number of hours operated prior to measurement
24.8	48.3%	Face down	10	5	0

Input Voltage (V)	Frequency (Hz)	Current (A)	Power Factor	Power (W)
3.2	N/A	24.87	N/A	79.58

Luminous Flux (lm)	Radiant Flux (W)	CCT (K)	Duv	Luminous Efficacy (lm/W)
5686.876	20.352	7378	+0.00557	71.46

Ra	SDCM	X	y	u'	v'
66.6	3.29	0.2996	0.3203	0.1919	0.4616

R1	R2	R3	R4	R5
67	68	68	68	69
R6	R7	R8	R9	R10
60	73	59	-39	24
R11	R12	R13	R14	R15
71	41	66	82	61

Spectral Distribution & Chromaticity Diagram

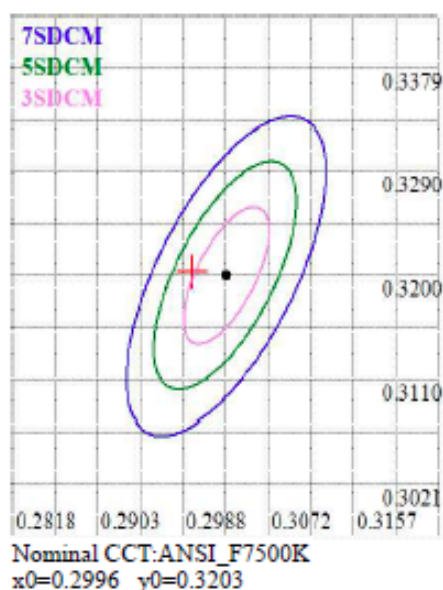
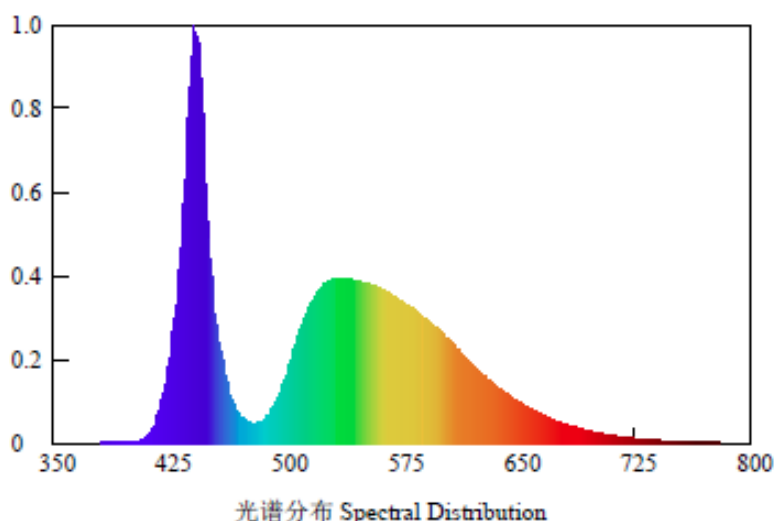
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光色参数 Spectroradiometric Parameters



色品坐标 Chromaticity Coordinates: $x=0.2996$ $y=0.3203$ $u'=0.1919$ $v'=0.4616$

相关色温 Correlated Color Temperature: 7378 K

主波长 Dominant Wavelength: 486.0 nm(E)

显色指数 Rendering Index: $R_a=66.6$

峰值波长 Peak Wavelength: 442.0 nm

色纯度 Purity: 0.1232

谱线带宽 Bandwidth: 17.1nm

光通量 Luminous Flux: 5686.876 lm

辐射通量 Radiant Flux: 20.352 W

色比 Color Ratio: $K_r=26.7\%$ $K_g=63.0\%$ $K_b=10.3\%$

色容差 Color Tolerance(SDCM): 3.2861

色偏差 Chromaticity Difference: +0.00557Duv

R1=67 R2=68 R3=68 R4=68 R5=69 R6=60 R7=73 R8=59

R9=-39 R10=24 R11=71 R12=41 R13=66 R14=82 R15=61

3.2. Goniophotometer

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Website: [Http://www.aoc-cert.com](http://www.aoc-cert.com)

Temperature (°C)	Test Humidity	Orientation	Stabilization Time(min)	Test Time(min)	Number of hours operated prior to measurement
24.9	48.3%	Face forward	15	30	0

Input Voltage (V)	Frequency (Hz)	Current (A)	Power Factor	Power (W)
3.2	N/A	24.82	N/A	79.41

Luminous Flux (lm)	CBCP (cd)	Field Angle (10%)	Beam Angle (50%)	Luminous Efficacy (lm/W)
5744.73	1926.305	132.1*167.7	90.6*143.0	72.34

Photometric Results

Lumens(lm): 5744.73

Efficiency(%):

Lumens(lm)/Power(W): 72.34

Central intensity(cd): 1892.032

Maximum intensity(cd): 1926.305

Angle of maximum intensity: C=270.0 γ =5.0

Beam Angle(50%Imax): [C0/180]Total=90.6

[C90/270]Total=143.0

Field angle(10%Imax): [C0/180]Total=132.1

[C90/270]Total=167.7

Maximum s/h(1/2): C0_180=1.25 C90_270=1.49

Maximum s/h(1/4): C0_180=1.26 C90_270=1.72

Up flux rate of lamp(%): 0.85%

Down flux rate of lamp(%): 52.34%

Up flux rate of LUM(%): 1.61%

Down flux rate of LUM(%): 98.39%

CIE Type : Direct lighting

Output flux ratio in π solid angle : 79.410%

4.1. Zonal flux distribution table

$\gamma(^{\circ})$	Average I(cd)	Zonal F(lm)	Sum F(lm)
0.0	1892.756	.000	.000
5.0	1889.663	45.218	45.218
10.0	1861.980	134.208	179.426
15.0	1819.543	218.386	397.811
20.0	1758.869	294.911	692.723
25.0	1682.702	360.957	1053.680
30.0	1615.675	417.412	1471.092
35.0	1559.431	467.557	1938.649
40.0	1490.844	508.915	2447.564
45.0	1421.281	539.203	2986.768
50.0	1326.807	555.291	3542.059
55.0	1148.881	538.297	4080.356
60.0	934.313	481.524	4561.880
65.0	709.003	399.493	4961.374
70.0	483.373	301.917	5263.291
75.0	263.386	195.191	5458.482
80.0	140.616	108.100	5566.582
85.0	70.273	57.304	5623.885
90.0	34.050	28.565	5652.450
95.0	12.400	12.718	5665.168
100.0	5.642	4.902	5670.070
105.0	8.067	3.668	5673.738
110.0	10.547	4.865	5678.604
115.0	13.013	5.965	5684.569
120.0	14.503	6.689	5691.258
125.0	15.214	6.869	5698.127
130.0	15.757	6.734	5704.861
135.0	16.356	6.489	5711.350
140.0	16.927	6.163	5717.512
145.0	17.513	5.746	5723.258
150.0	18.153	5.252	5728.510
155.0	18.739	4.669	5733.179
160.0	19.268	3.986	5737.166
165.0	19.797	3.220	5740.385
170.0	20.313	2.379	5742.765
175.0	20.675	1.466	5744.231
180.0	20.842	.496	5744.727

4.2. Zonal flux distribution table

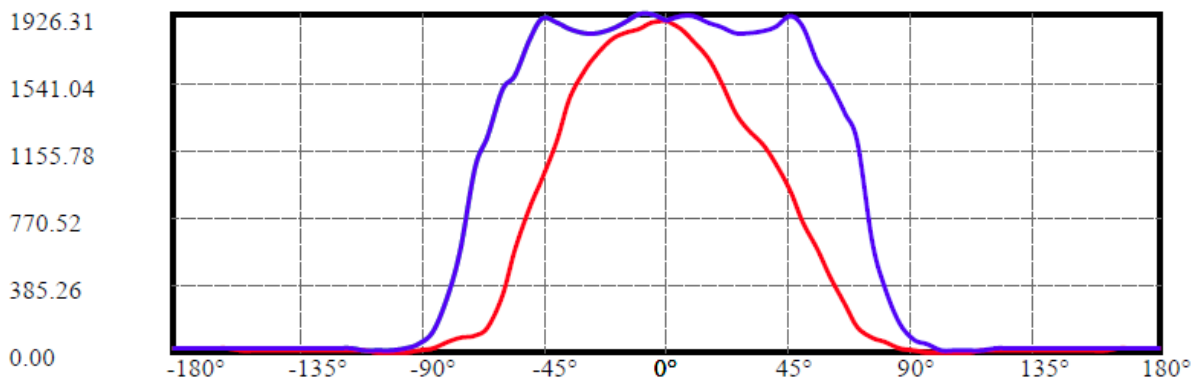
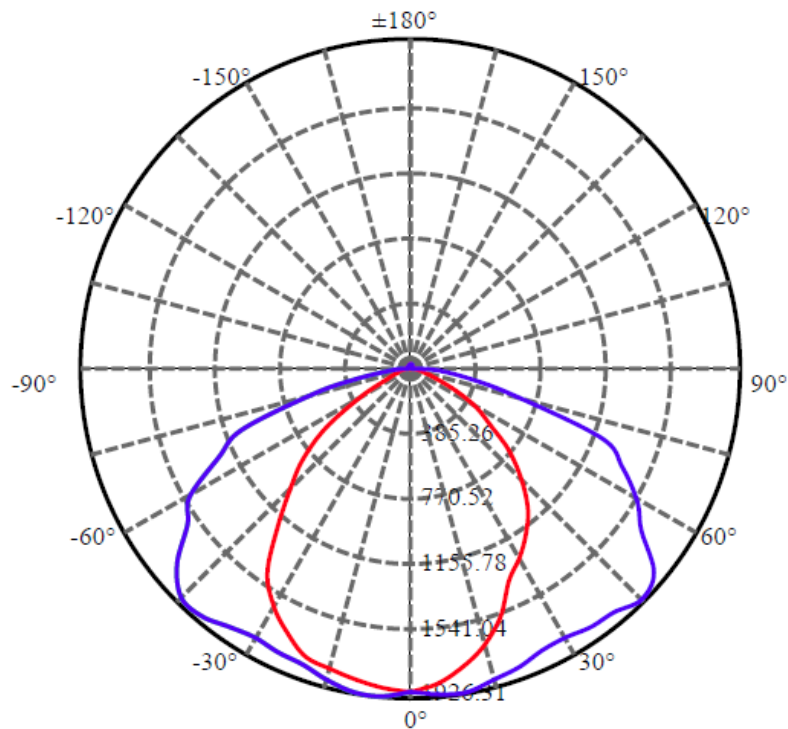
ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1471.09	N.A.	25.61%
0-40	2447.56	N.A.	42.61%
0-60	4561.88	N.A.	79.41%
0-90	5652.45	N.A.	98.39%
0-120	5691.26	N.A.	99.07%
0-180	5744.73	N.A.	100.00%
60-90	1572.09	N.A.	27.37%
90-120	67.37	N.A.	1.17%
90-130	80.98	N.A.	1.41%
90-150	104.63	N.A.	1.82%
90-180	120.35	N.A.	2.09%
0-60.42	4595.78	N.A.	80.00%

ZONAL LUMEN SUMMARY

0-10	179.43
10-20	513.30
20-30	778.37
30-40	976.47
40-50	1094.50
50-60	1019.82
60-70	701.41
70-80	303.29
80-90	85.87
90-100	17.62
100-110	8.53
110-120	12.65
120-130	13.60
130-140	12.65
140-150	11.00
150-160	8.65
160-170	5.60
170-180	1.47

4.3. Light Distribution Curve



C270(Max): —

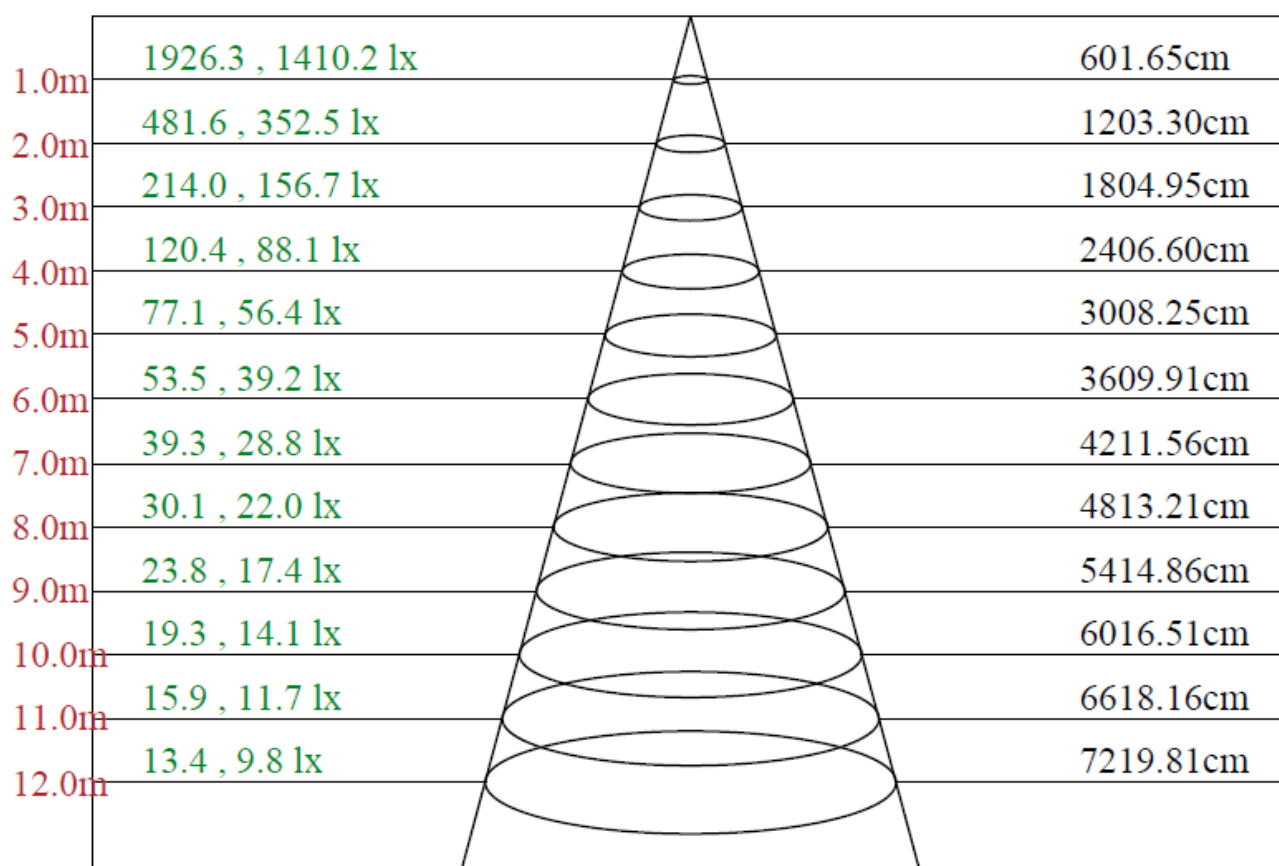
C0/C180: —

C90/C270: —

Field angle(10%Imax):C0/180Left:63.8 Right:68.3
:C90/270Left:78.3 Right:89.4

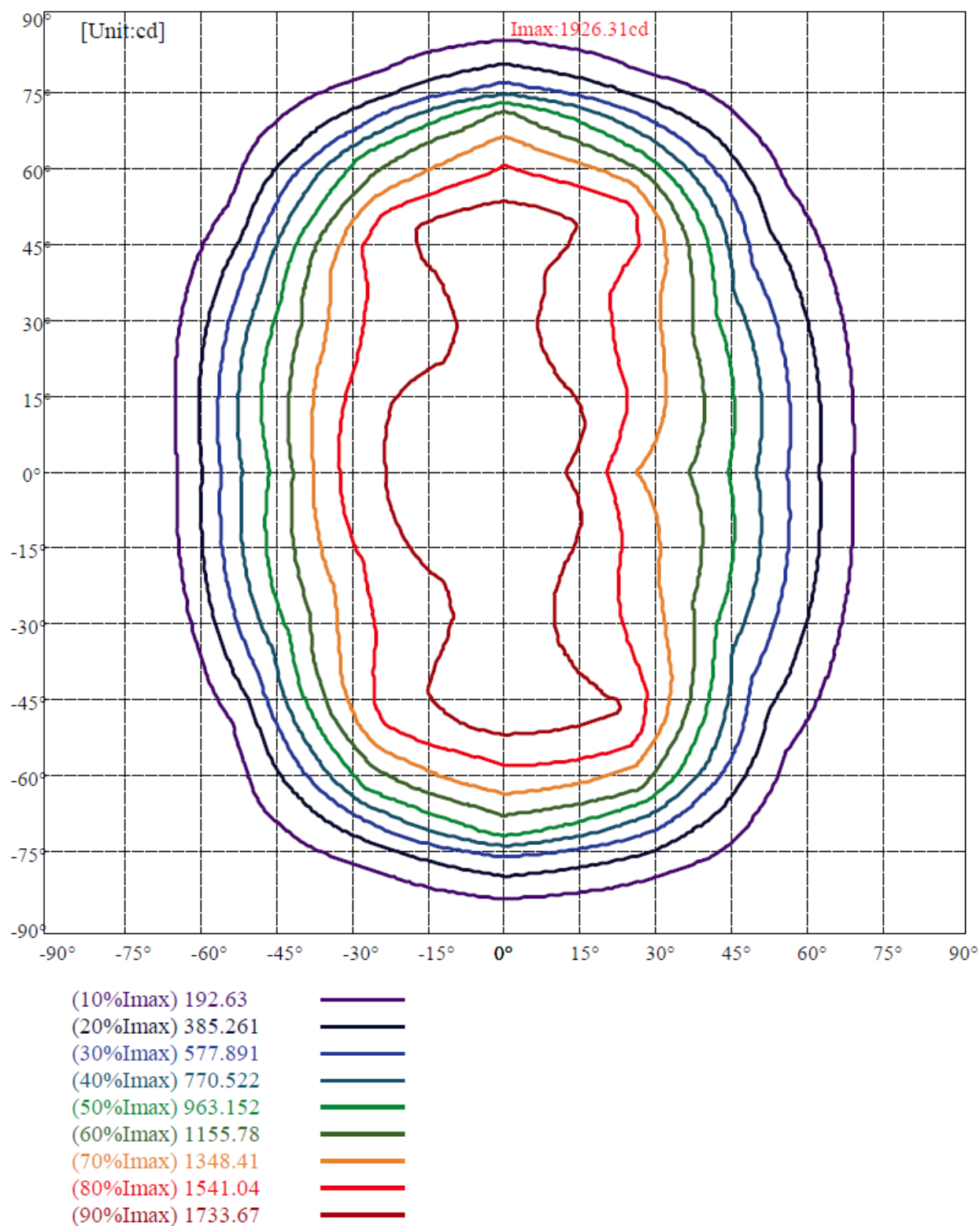
Beam Angle(50%Imax):C0/180Left:46.3 Right:44.4
:C90/270Left:65.9 Right:77.1

4.4. Lux distance Curve

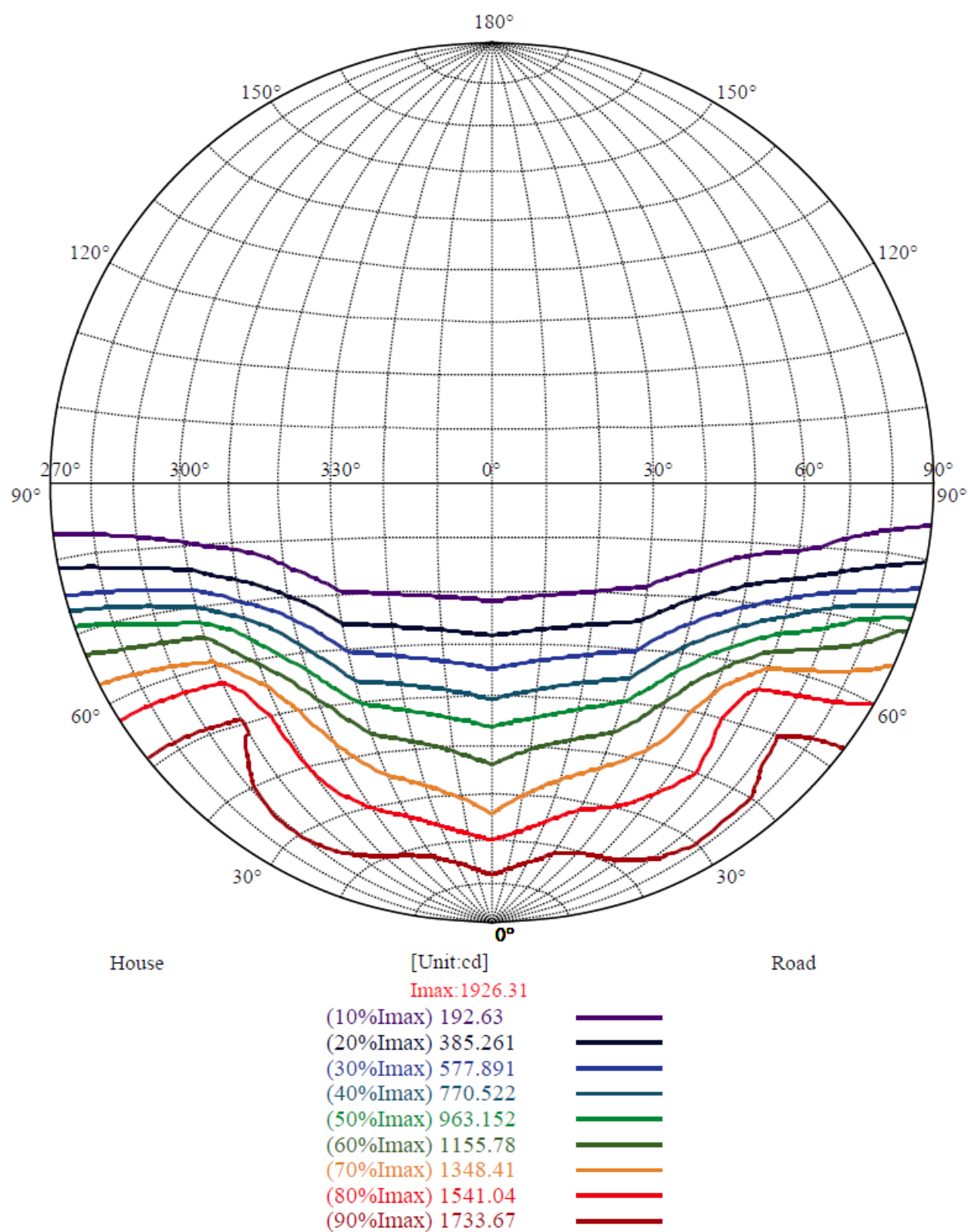


Max , Ave Beam angle of C270plane143.19

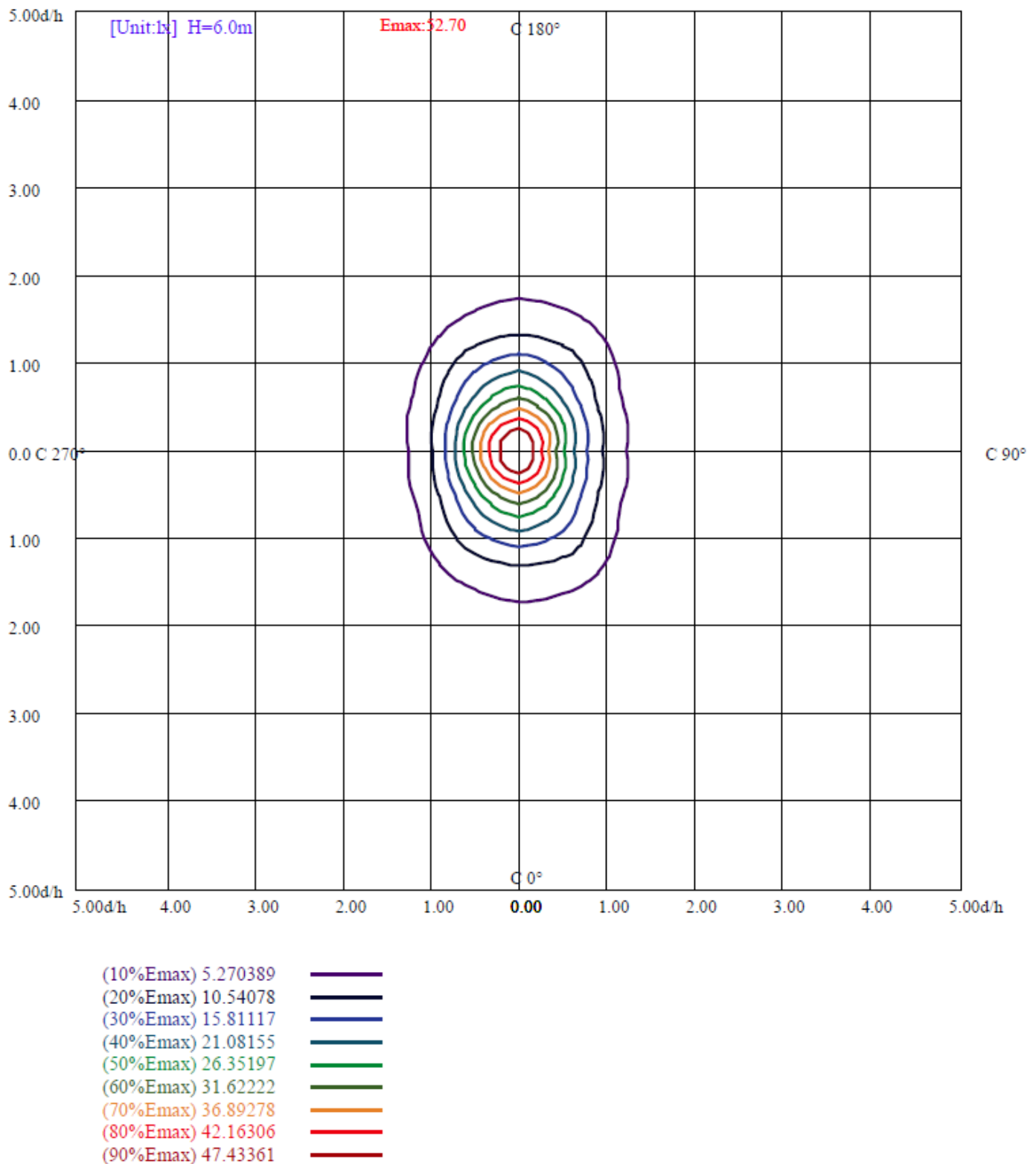
4.5. ISO-Intensity(V-H)



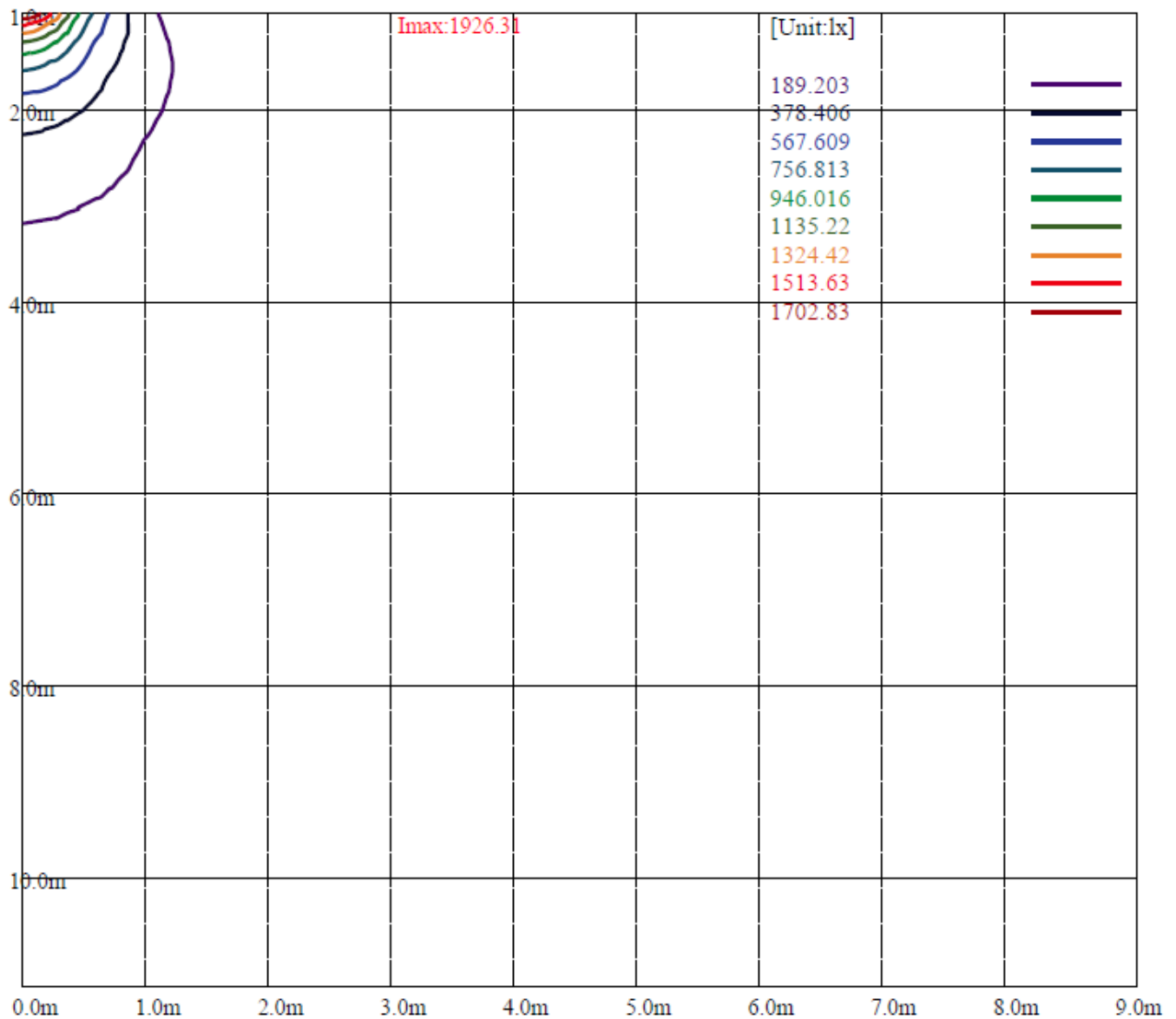
4.6. ISO candela diagram on circular web



4.7. ISO illuminance diagram



4.8. Space ISO Lux diagram



4.9. Luminance Limiting Curve(no luminous side)

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Luminance Table

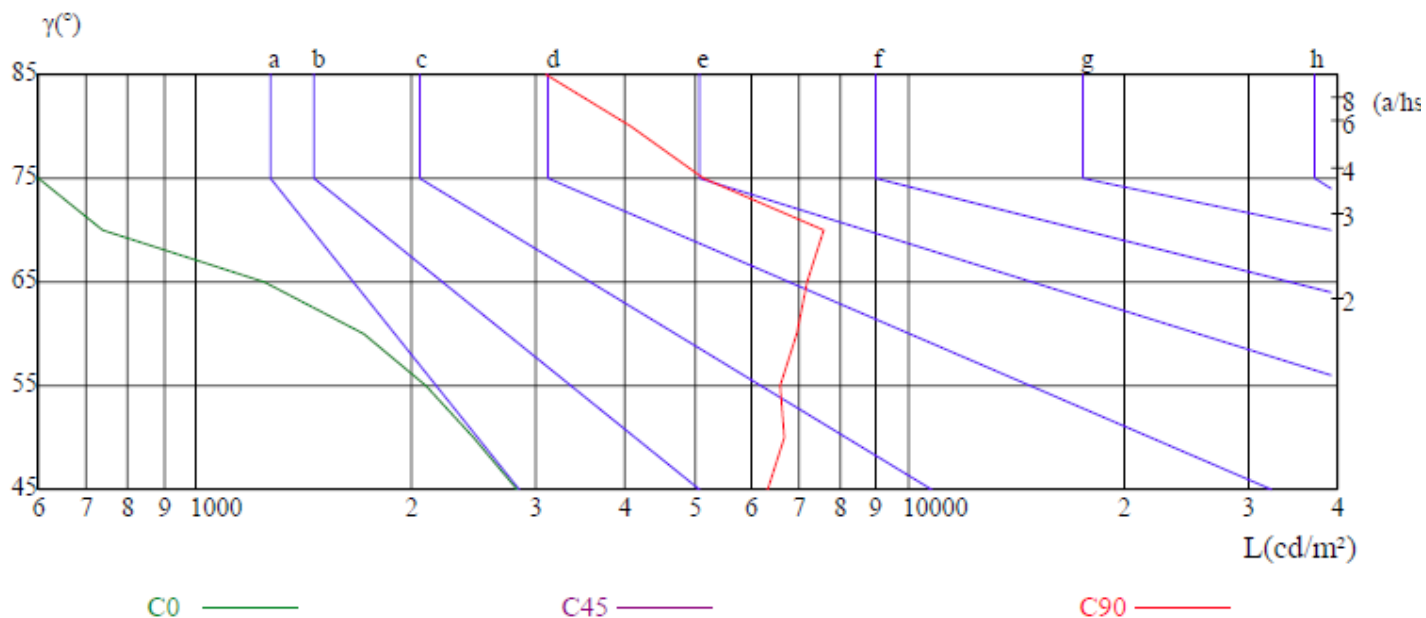
γ	45	50	55	60	65	70	75	80	85
C0	2825	2447	2099	1719	1248	738	514	482	313
C45	0	0	0	0	0	0	0	0	0
C90	6352	6695	6614	6981	7220	7592	5151	4082	3087

L _横 (65)	L _纵 (65)	L45(65)	L _横 (75)	L _纵 (75)	L45(75)	L _横 (85)	L _纵 (85)	L45(85)
1238	7552	0	778	5819	0	778	4093	0

Glare Table

Glare	Quality	Service Values Illuminance(lx)							
1.15	A	2000	1000	500	≤ 300				
1.5	B		2000	1000	500	≤ 300			
1.85	C			2000	1000	500	≤ 300		
2.2	D				2000	1000	500	≤ 300	
2.55	E					2000	1000	500	≤ 300
		a	b	c	d	e	f	g	h

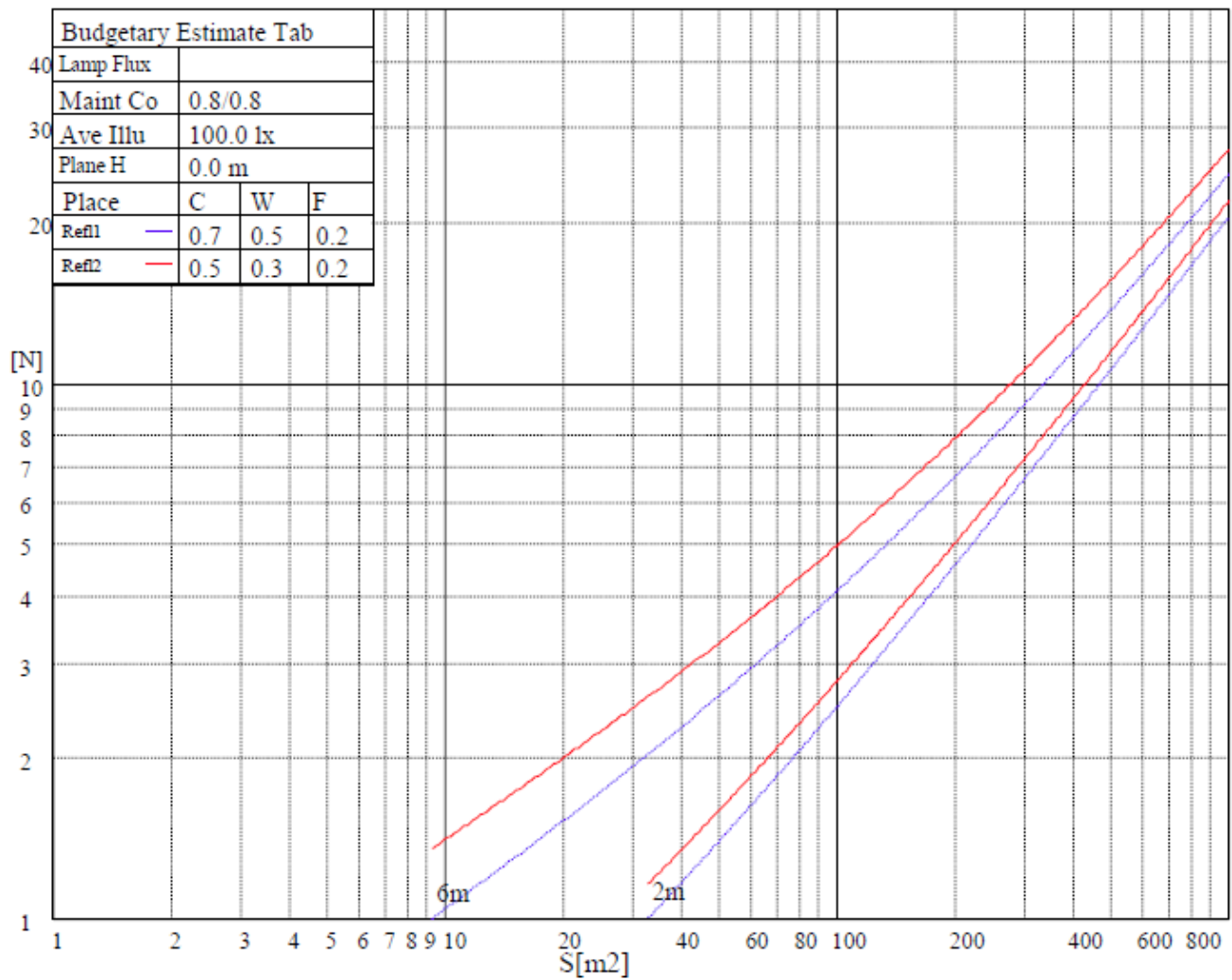
Luminance Limiting Curve



4.10. UGR Glare

Illumination assessment according UGR											
Rf of Ceiling	70	70	50	50	30	70	70	50	50	30	
Rf of Wall	50	30	50	30	30	50	30	50	30	30	
Rf of Floor	20	20	20	20	20	20	20	20	20	20	
Room dimensions	Viewed crosswise					Viewed endwise					
X	Y										
2H	2H	11.1	12.2	11.9	13.0	14.0	11.6	12.6	12.3	13.4	14.4
	3H	11.4	12.4	12.2	13.2	14.2	11.9	12.9	12.7	13.7	14.7
	4H	11.5	12.4	12.3	13.2	14.2	11.9	12.8	12.8	13.7	14.7
	6H	11.5	12.3	12.3	13.2	14.2	12.0	12.8	12.8	13.7	14.7
	8H	11.5	12.3	12.3	13.1	14.1	12.0	12.8	12.8	13.6	14.6
	12H	11.5	12.3	12.3	13.1	14.2	12.0	12.8	12.9	13.6	14.7
4H	2H	12.4	13.3	13.2	14.1	15.2	12.9	13.8	13.7	14.6	15.7
	3H	12.7	13.4	13.5	14.3	15.4	13.2	14.0	14.1	14.8	15.9
	4H	11.1	12.2	11.9	13.0	14.0	11.6	12.6	12.3	13.4	14.4
	6H	12.7	13.4	13.6	14.2	15.3	13.2	13.9	14.2	14.8	15.9
	8H	12.8	13.3	13.6	14.2	15.3	13.3	13.9	14.2	14.8	15.8
	12H	12.7	13.3	13.6	14.2	15.3	13.3	13.8	14.2	14.7	15.8
8H	4H	13.2	13.8	14.1	14.7	15.7	13.7	14.3	14.6	15.2	16.3
	6H	13.2	16.1	14.1	14.7	15.7	13.8	16.6	14.7	15.2	16.3
	8H	13.3	13.7	14.2	14.6	15.7	13.8	14.2	14.7	15.2	16.3
	12H	13.5	13.9	14.4	16.8	16.0	14.1	14.5	15.0	17.4	16.6
12H	4H	13.2	13.8	14.1	14.7	15.8	13.8	14.3	14.6	15.2	16.3
	6H	13.9	13.8	14.2	14.7	15.8	14.4	14.3	14.7	15.2	16.3
	8H	13.3	13.8	14.2	14.7	15.8	13.9	14.3	14.8	15.2	16.3
Variation with the observer position at spacings:											
S = 1.0H		0.4/-0.6					0.4/-0.8				
S = 1.5H		0.7/-0.5					0.9/-1.8				
S = 2.0H		1.5/-0.9					2.6/-3.1				
Standard tables:		BK2					BK4				
Uncorrected UGR		4.8					-0.2				

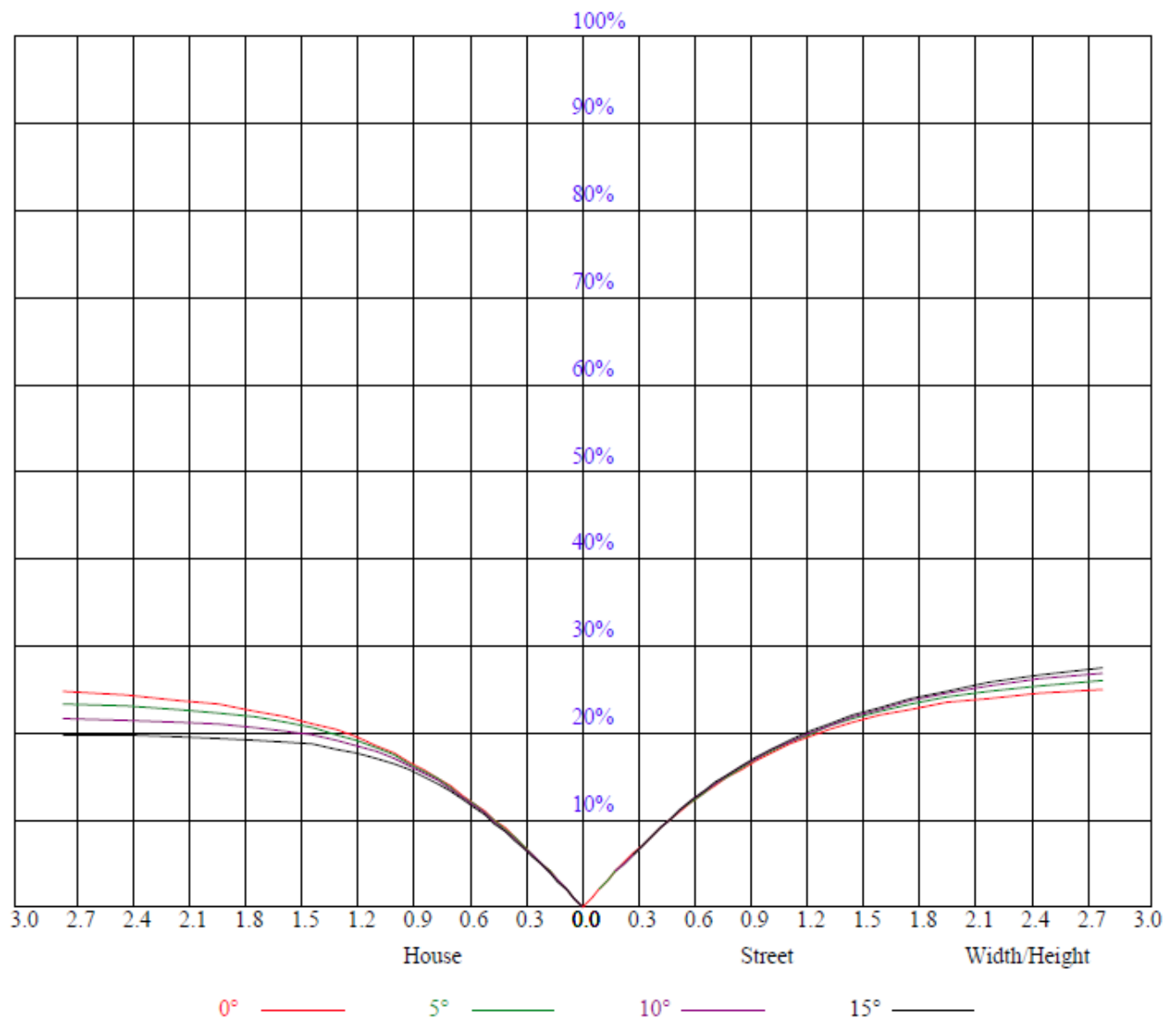
4.11. Budgetary Estimate Table



4.12. Utilization factor table for indoor luminaire

RHOC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION RHOFC=20 CU															
0	0.63	0.63	0.63	0.62	0.62	0.62	0.59	0.59	0.59	0.56	0.56	0.56	0.53	0.53	0.53	0.52
1	0.55	0.53	0.51	0.54	0.52	0.50	0.52	0.50	0.48	0.49	0.48	0.47	0.47	0.46	0.45	0.44
2	0.48	0.45	0.42	0.47	0.44	0.41	0.45	0.42	0.40	0.43	0.41	0.39	0.42	0.40	0.38	0.37
3	0.42	0.38	0.34	0.41	0.37	0.34	0.40	0.36	0.33	0.38	0.35	0.33	0.37	0.34	0.32	0.31
4	0.37	0.33	0.29	0.37	0.32	0.29	0.35	0.31	0.28	0.34	0.31	0.28	0.33	0.30	0.27	0.26
5	0.33	0.28	0.25	0.33	0.28	0.25	0.31	0.27	0.24	0.30	0.27	0.24	0.29	0.26	0.24	0.23
6	0.30	0.25	0.22	0.29	0.25	0.22	0.28	0.24	0.21	0.27	0.24	0.21	0.26	0.23	0.21	0.20
7	0.27	0.22	0.19	0.27	0.22	0.19	0.26	0.22	0.19	0.25	0.21	0.19	0.24	0.21	0.18	0.17
8	0.25	0.20	0.17	0.24	0.20	0.17	0.23	0.19	0.17	0.23	0.19	0.16	0.22	0.19	0.16	0.15
9	0.22	0.18	0.15	0.22	0.18	0.15	0.21	0.18	0.15	0.21	0.17	0.15	0.20	0.17	0.15	0.14
10	0.21	0.16	0.14	0.20	0.16	0.14	0.20	0.16	0.13	0.19	0.16	0.13	0.19	0.16	0.13	0.12

4.13. Coefficient Utilization Curve



4.14. Intensity data(cd)

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Website: <http://www.aac-cert.com>

C/γ(°)	0.0	5.0	10.0	15.0	20.0	25.0	30.0	35.0	40.0	C/γ(°)	180.0
0.0	1892.03	1848.40	1769.99	1680.54	1540.11	1364.40	1270.44	1182.83	1076.17	0.0	20.73
30.0	1898.89	1868.12	1813.29	1771.99	1717.32	1617.51	1499.48	1391.15	1280.30	30.0	20.56
60.0	1893.37	1889.69	1869.63	1823.65	1750.09	1681.88	1629.22	1608.49	1573.38	60.0	20.90
90.0	1894.54	1908.58	1914.43	1881.50	1849.07	1814.63	1814.79	1835.86	1851.24	90.0	20.90
120.0	1890.03	1913.77	1890.53	1847.06	1790.05	1725.18	1681.88	1674.02	1676.36	120.0	21.07
150.0	1887.69	1902.23	1865.78	1840.54	1800.75	1741.40	1642.26	1533.42	1413.88	150.0	20.90
180.0	1892.03	1873.47	1837.86	1821.48	1788.54	1698.77	1601.80	1452.50	1207.24	180.0	20.73
210.0	1898.89	1885.51	1862.94	1834.69	1788.21	1700.77	1587.25	1482.76	1325.78	210.0	20.56
240.0	1893.37	1917.11	1910.59	1855.42	1786.04	1724.85	1690.57	1679.04	1671.85	240.0	20.90
270.0	1894.54	1926.31	1923.30	1873.98	1839.37	1823.15	1820.31	1846.72	1884.34	270.0	20.90
300.0	1890.03	1893.70	1882.84	1830.34	1759.45	1712.81	1688.07	1668.67	1673.52	300.0	21.07
330.0	1887.69	1849.07	1802.59	1773.33	1697.43	1587.09	1462.03	1357.71	1256.06	330.0	20.90
360.0	1892.03	1848.40	1769.99	1680.54	1540.11	1364.40	1270.44	1182.83	1076.17	360.0	20.73
C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0		
0.0	927.21	747.32	588.49	434.85	279.37	142.44	82.59	61.19	28.92		
30.0	1129.00	963.99	752.50	567.76	392.88	226.54	105.16	64.03	44.97		
60.0	1603.81	1666.67	1605.14	1334.14	1002.78	666.40	360.95	160.16	85.77		
90.0	1914.60	1850.07	1648.28	1536.93	1367.74	1194.04	638.31	365.80	168.69		
120.0	1685.06	1697.43	1509.18	1213.60	1005.95	588.99	303.61	128.73	72.89		
150.0	1236.50	1070.82	873.04	628.11	338.72	148.79	86.60	63.03	43.64		
180.0	987.73	822.22	592.17	327.52	146.62	100.81	81.25	60.52	26.25		
210.0	1168.79	994.08	754.84	521.28	236.73	115.19	79.91	59.69	40.96		
240.0	1666.67	1630.22	1482.60	1202.73	972.18	593.84	305.45	130.07	70.89		
270.0	1899.72	1781.02	1584.58	1493.46	1230.31	1049.92	587.66	329.02	121.71		
300.0	1709.13	1745.08	1663.82	1388.97	1160.43	764.70	436.35	203.63	93.62		
330.0	1127.16	952.79	731.94	562.41	374.33	208.81	92.79	61.52	44.97		
360.0	927.21	747.32	588.49	434.85	279.37	142.44	82.59	61.19	28.92		
C/γ(°)	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0		
0.0	11.03	3.18	2.51	4.18	5.52	6.52	7.69	9.20	10.70		
30.0	25.24	4.68	3.34	7.86	10.20	10.87	11.70	13.04	14.38		
60.0	47.31	16.55	6.85	9.03	12.37	16.22	18.72	19.06	19.23		
90.0	67.04	41.96	10.87	11.54	13.54	16.55	20.23	22.40	22.24		
120.0	37.12	15.55	7.86	10.03	12.37	15.88	18.56	18.72	18.72		
150.0	21.90	5.52	3.85	6.69	9.70	10.87	11.87	12.37	13.37		
180.0	9.53	2.84	3.01	5.35	6.35	7.19	8.53	9.70	11.03		
210.0	17.55	2.67	6.02	8.69	8.69	9.20	10.20	11.03	11.87		
240.0	40.63	11.54	5.85	7.02	12.87	16.05	16.55	16.38	16.55		
270.0	47.48	26.08	7.52	9.20	12.87	19.90	21.23	20.56	19.73		
300.0	62.53	15.55	5.85	7.19	11.87	16.55	17.55	17.72	17.72		
330.0	21.23	2.67	4.18	10.03	10.20	10.37	11.20	12.37	13.54		
360.0	11.03	3.18	2.51	4.18	5.52	6.52	7.69	9.20	10.70		
C/γ(°)	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0		
0.0	11.87	13.04	14.21	15.55	16.72	17.72	18.72	19.90	20.40		
30.0	15.55	16.55	17.55	18.39	19.23	19.90	20.06	20.56	20.73		
60.0	19.56	19.90	20.40	20.73	20.90	21.23	21.23	21.23	21.07		
90.0	21.90	21.40	21.23	21.07	21.40	21.23	21.23	21.07	20.90		
120.0	18.89	19.06	19.23	19.73	20.06	20.40	20.56	20.90	21.07		
150.0	14.38	15.21	16.05	16.89	17.89	18.56	19.39	19.90	20.56		
180.0	12.20	13.71	14.88	16.22	17.39	18.39	19.23	19.90	20.56		
210.0	13.04	13.71	14.55	15.38	16.22	17.22	18.39	19.23	20.06		
240.0	16.55	16.89	17.05	17.55	17.89	18.39	19.06	19.90	20.73		
270.0	19.39	19.06	19.23	19.39	19.39	19.39	19.90	20.23	20.56		
300.0	18.22	18.72	19.06	19.39	19.39	19.73	20.06	20.56	20.90		
330.0	14.71	15.88	16.72	17.55	18.39	19.06	19.73	20.40	20.56		
360.0	11.87	13.04	14.21	15.55	16.72	17.72	18.72	19.90	20.40		

5.Test Equipment

Equipment Name	Manufacturer	Model No.	Equipment No.	Calibration Due Date
2m Integrating Sphere	SENSING	SL-300	AOC-S-126	2026-04-13
Horizontal Distribution Photometer	SENSING	GMS1800D	AOC-S-124	2026-04-13
Standard Lamp	SENSING	240V/150W	AOC-S-151	2025-08-01
Digital power meter	HENGHE	WT310E	AOC-S-012	2026-04-13
Digital power meter	SENSING	UI2008	AOC-S-123	2026-04-13
Digital power meter	SENSING	UI2021	AOC-S-123	2026-04-13
DC source	OYHS	OYHS-Z120V-50A	AOC-S-062	2026-04-13
Variable frequency power supply	WOSEN	BP6005	AOC-S-129	2026-04-13
Variable frequency power supply	AIPUSI	KDF-500	AOC-S-130	2026-04-13
Oscilloscope	TEKTRONIX	MDO3012	AOC-S-028	2026-04-13

Photo Document

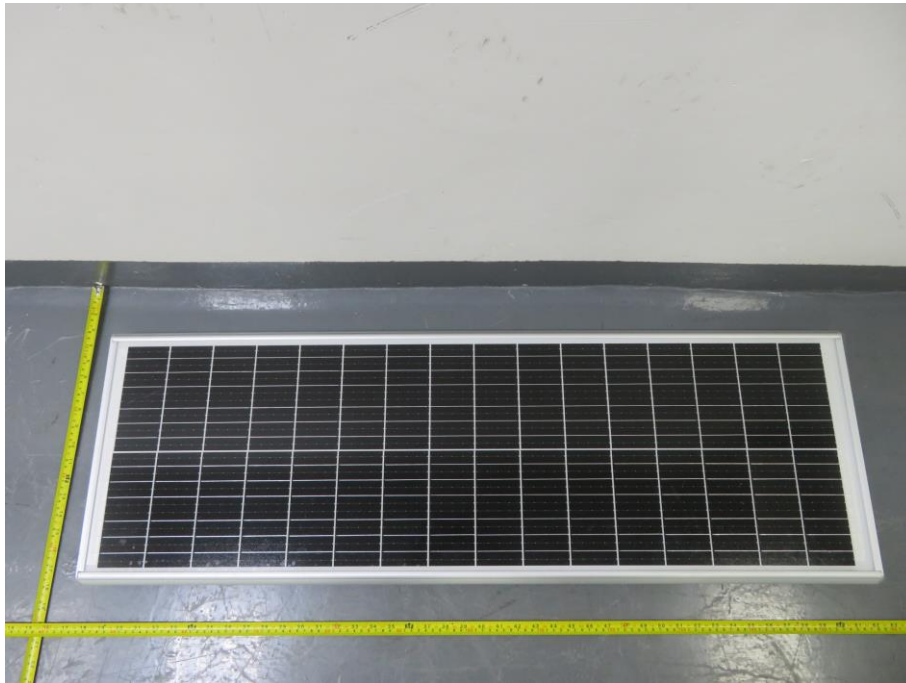


Fig.1



Fig.2

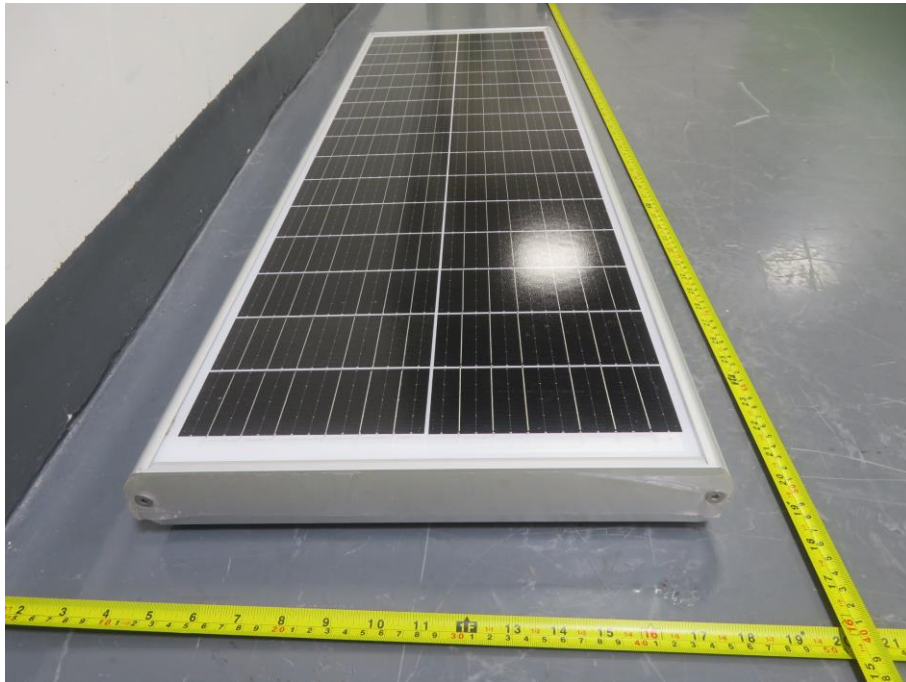


Fig.3

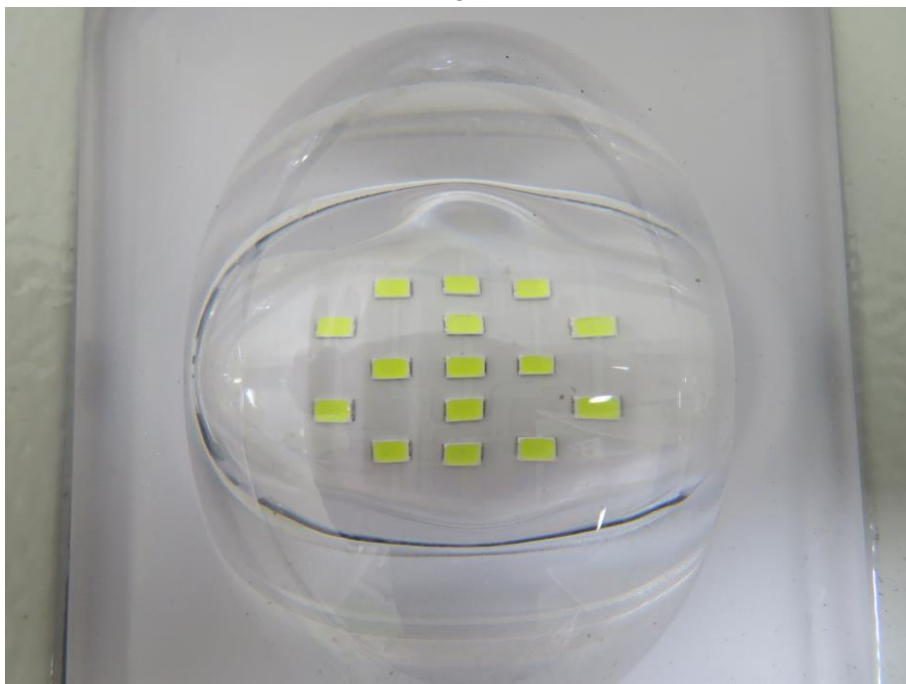


Fig.4

-- End of Report --

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