Test Report

Client	**:**	Shenzhen Hui Qi Mei Technology Co., Ltd
Address	**:**	101-201, Building F, Tongju Industrial Park, No. 9 Huilong Road, Shengping Community, Longcheng Subdistrict, Longgang District, Shenzhen

Description of the submitted sample(s):

Sample Name	:	Wearable Travel Light
Model/Type	:	DH05
Trademark	:	N/A
Ratings	:	For charging: DC 5V, 1A; For Internal battery pack: 3.7V, 1000mAh; Rated power: 3W
Test Item	:	LM-79-19
State of Sample(s)	:	Normal
Sample Quantity	:	1 PCS
Manufacturer	:	Shenzhen Hui Qi Mei Technology Co., Ltd
Address	:	101-201, Building F, Tongju Industrial Park, No. 9 Huilong Road, Shengping Community, Longcheng Subdistrict, Longgang District, Shenzhen
Sample Received Date	:	2025-08-15
Sample tested Date	:	2025-08-15
Test Standard	:	LM-79-19
Test Laboratory	:	Shenzhen AOCE Electronic Technology Service Co., Ltd
Testing location	:	Room 202, 2nd Floor, No.12th Building of Xinhe Tongfuyu Industrial Park, Fuhai Street, Baoan District, Shenzhen, Guangdong, China
Remark	:	The tested sample(s) and the sample information are provided by the client.

Tested by: Bruce Lin

Approved by: Robin Liu

Robin Liu
Lab Supervisor

Date : 2025-08-26

Summary of Result

Test Item	Test Result	
	Luminous Flux (lm)	Correlated Color Temperature(K)
Integrating Sphere Test (Side light source)	--	14430
Goniophotometer Test (Side light source)	98.86	--
Integrating Sphere Test (Top light source)	--	6138
Goniophotometer Test (Top light source)	200.77	--

1 Test Condition

1.1 Air Temperature

The ambient temperature in which measurements are being taken shall be maintained at 25°C±1°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 after 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 waveshapeat 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 (Side light source)

Temperature (°C)	Test Humidity	Orientation	Stabilization Time(min)	Test Time(min)	Number of hours operated prior to measurement
24.9	47.7%	Face down	5	4	0

Input Voltage (V)	Frequency (Hz)	Current (A)	Power Factor	Power (W)
-- (Internal battery pack, the battery is fully charged)	-- (see above)	-- (see above)	-- (see above)	-- (see above)

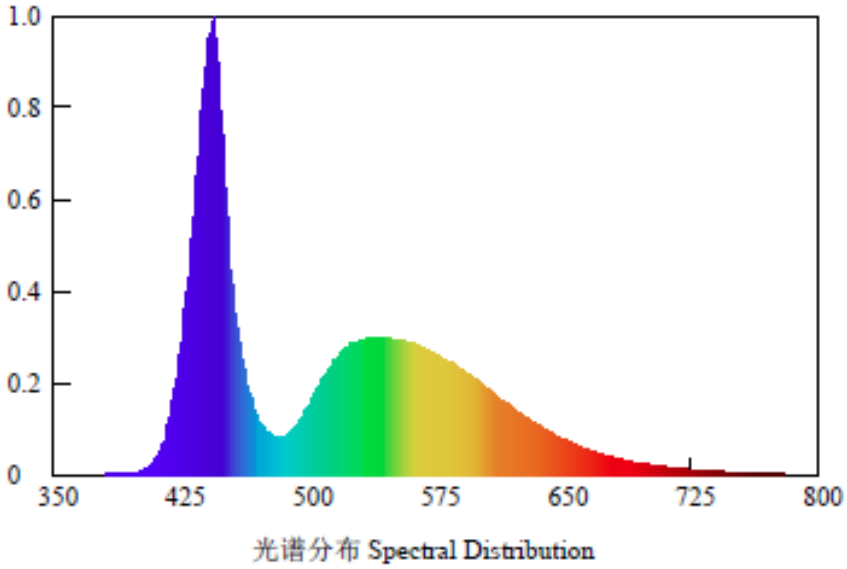
Luminous Flux (lm)	Radiant Flux (W)	CCT (K)	Duv	Luminous Efficacy (lm/W)
67.538	0.253	14430	-0.0078	--

Ra	SDCM	X	y	u’	v’
72.0	39.24	0.2706	0.2618	0.1933	0.4207

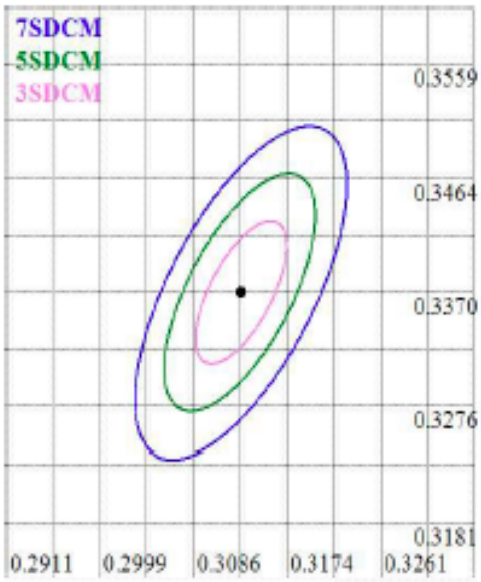
R1	R2	R3	R4	R5
79	71	60	76	80
R6	R7	R8	R9	R10
63	75	73	6	26
R11	R12	R13	R14	R15
82	47	74	76	77

Spectral Distribution & Chromaticity Diagram

光色参数 Spectroradiometric Parameters



光谱分布 Spectral Distribution



Nominal CCT:ANSI_F6500K
x0=0.2706 y0=0.2618

色品坐标 Chromaticity Coordinates: x=0.2706 y=0.2618 u'=0.1933 v'=0.4207

相关色温 Correlated Color Temperature: 14430 K

主波长 Dominant Wavelength: 474.0 nm(E)

显色指数 Rendering Index: Ra=72.0

峰值波长 Peak Wavelength: 443.5 nm

色纯度 Purity: 0.2831

谱线带宽 Bandwidth: 23.1nm

光通量 Luminous Flux: 67.538 lm

辐射通量 Radiant Flux: 0.253 W

色 比 Color Ratio: Kr=26.2% Kg=61.4% Kb=12.4%

色 容 差 Color Tolerance(SDCM): 39.2436

色 偏 差 Chromaticity Difference: -0.0078Duv

R1=79	R2=71	R3=60	R4=76	R5=80	R6=63	R7=75	R8=73
R9=6	R10=26	R11=82	R12=47	R13=74	R14=76	R15=77	

3.2 Integrating Sphere (Top light source)

Temperature (°C)	Test Humidity	Orientation	Stabilization Time(min)	Test Time(min)	Number of hours operated prior to measurement
24.9	47.7%	Face down	5	4	0

Input Voltage (V)	Frequency (Hz)	Current (A)	Power Factor	Power (W)
-- (Internal battery pack, the battery is fully charged)	-- (see above)	-- (see above)	-- (see above)	-- (see above)

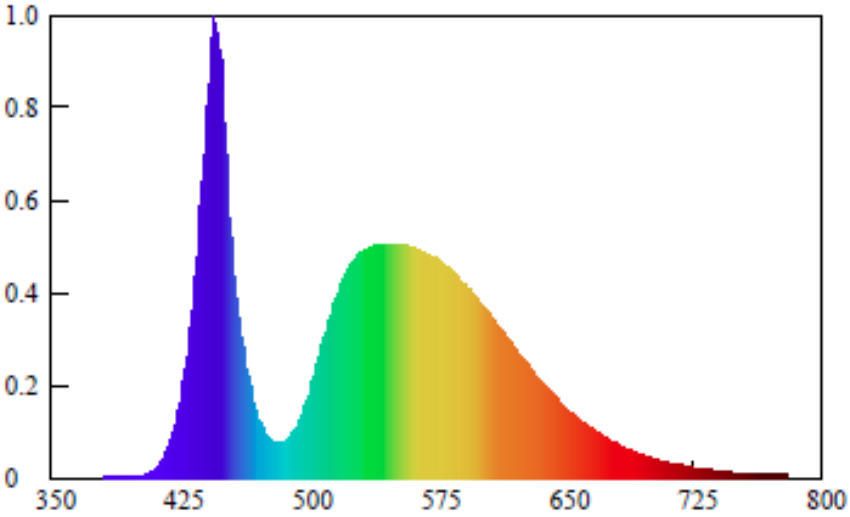
Luminous Flux (lm)	Radiant Flux (W)	CCT (K)	Duv	Luminous Efficacy (lm/W)
210.939	0.735	6138	+0.00522	--

Ra	SDCM	X	y	u’	v’
69.3	4.69	0.3188	0.3388	0.1983	0.4744

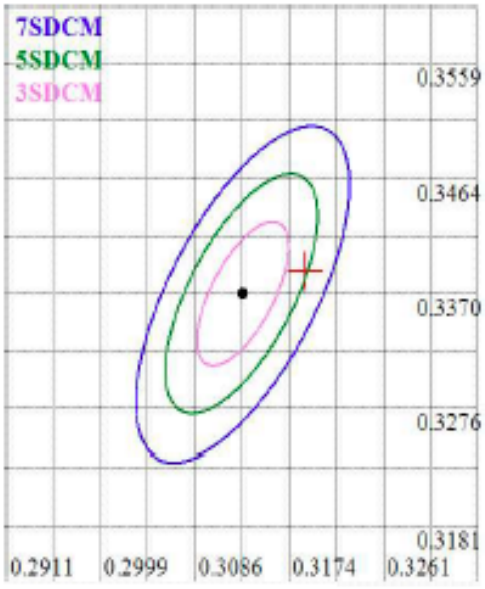
R1	R2	R3	R4	R5
68	72	74	71	69
R6	R7	R8	R9	R10
63	78	59	-34	33
R11	R12	R13	R14	R15
70	39	68	85	63

Spectral Distribution & Chromaticity Diagram

光色参数 Spectroradiometric Parameters



光谱分布 Spectral Distribution



Nominal CCT:ANSI_F6500K
x0=0.3188 y0=0.3388

色品坐标 Chromaticity Coordinates: x=0.3188 y=0.3388 u'=0.1983 v'=0.4744

相关色温 Correlated Color Temperature: 6138 K

主波长 Dominant Wavelength: 496.0 nm(E)

显色指数 Rendering Index: Ra=69.3

峰值波长 Peak Wavelength: 446.1 nm

色纯度 Purity: 0.0469

谱线带宽 Bandwidth: 20.5nm

光通量 Luminous Flux: 210.939 lm

辐射通量 Radiant Flux: 0.735 W

色 比 Color Ratio: Kr=29.0% Kg=61.8% Kb=9.2%

色 容 差 Color Tolerance(SDCM): 4.6943

色 偏 差 Chromaticity Difference: +0.00522Duv

R1=68	R2=72	R3=74	R4=71	R5=69	R6=63	R7=78	R8=59
R9=-34	R10=33	R11=70	R12=39	R13=68	R14=85	R15=63	

3.3. Goniophotometer (Side light source)

Temperature (°C)	Test Humidity	Orientation	Stabilization Time(min)	Test Time(min)	Number of hours operated prior to measurement
24.8	47.6%	Face forward	5	30	0

Input Voltage (V)	Frequency (Hz)	Current (A)	Power Factor	Power (W)
-- (Internal battery pack, the battery is fully charged)	-- (see above)	-- (see above)	-- (see above)	-- (see above)

Luminous Flux (lm)	CBCP (cd)	Field Angle (10%)	Beam Angle (50%)	Luminous Efficacy (lm/W)
98.86	2251.357	14.0*11.0	6.2*5.5	--

Photometric Results

Lumens(lm): 98.86
Efficiency(%): 0.00%
Lumens(lm)/Power(W): 44.94
Central intensity(cd): 1481.757
Maximum intensity(cd): 2251.357
Angle of maximum intensity: C=90.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=6.2
[C90/270]Total=5.5
Field angle(10%Imax): [C0/180]Total=14.0
[C90/270]Total=11.0
Maximum s/h(1/2): C0_180=0.10 C90_270=0.09
Maximum s/h(1/4): C0_180=0.10 C90_270=0.10
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 0.00%
Up flux rate of LUM(%): 5.41%
Down flux rate of LUM(%): 94.59%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 91.335%

3.4. Goniophotometer (Top light source)

Temperature (°C)	Test Humidity	Orientation	Stabilization Time(min)	Test Time(min)	Number of hours operated prior to measurement
24.8	47.6%	Face forward	5	30	0

Input Voltage (V)	Frequency (Hz)	Current (A)	Power Factor	Power (W)
-- (Internal battery pack, the battery is fully charged)	-- (see above)	-- (see above)	-- (see above)	-- (see above)

Luminous Flux (lm)	CBCP (cd)	Field Angle (10%)	Beam Angle (50%)	Luminous Efficacy (lm/W)
200.77	74.743	150.9*147.1	107.9*105.9	--

Photometric Results

Lumens(lm): 200.77
Efficiency(%): 0.00%
Lumens(lm)/Power(W): 64.77
Central intensity(cd): 73.735
Maximum intensity(cd): 74.743
Angle of maximum intensity: C=30.0 γ=0.0
Beam Angle(50%Imax): [C0/180]Total=107.9
[C90/270]Total=105.9
Field angle(10%Imax): [C0/180]Total=150.9
[C90/270]Total=147.1
Maximum s/h(1/2): C0_180=1.27 C90_270=1.28
Maximum s/h(1/4): C0_180=1.39 C90_270=1.37
Up flux rate of lamp(%): 0.00%
Down flux rate of lamp(%): 0.00%
Up flux rate of LUM(%): 3.41%
Down flux rate of LUM(%): 96.59%
CIE Type : Direct lighting
Output flux ratio in π solid angle : 82.098%

3.5. Zonal flux distribution table (Side light source)

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	75.54	N.A.	76.40%
0-40	84.21	N.A.	85.18%
0-60	90.30	N.A.	91.33%
0-90	93.51	N.A.	94.59%
0-120	95.70	N.A.	96.80%
0-180	98.86	N.A.	100.00%
60-90	4.28	N.A.	4.33%
90-120	2.59	N.A.	2.62%
90-130	3.25	N.A.	3.29%
90-150	4.54	N.A.	4.60%
90-180	5.72	N.A.	5.78%
0-32.94	79.09	N.A.	80.00%

ZONAL LUMEN SUMMARY

0-10	40.58
10-20	17.47
20-30	17.48
30-40	8.67
40-50	3.67
50-60	2.42
60-70	1.34
70-80	1.02
80-90	0.86
90-100	0.77
100-110	0.72
110-120	0.69
120-130	0.66
130-140	0.66
140-150	0.63
150-160	0.61
160-170	0.44
170-180	0.12

3.6. Zonal flux distribution table (Top light source)

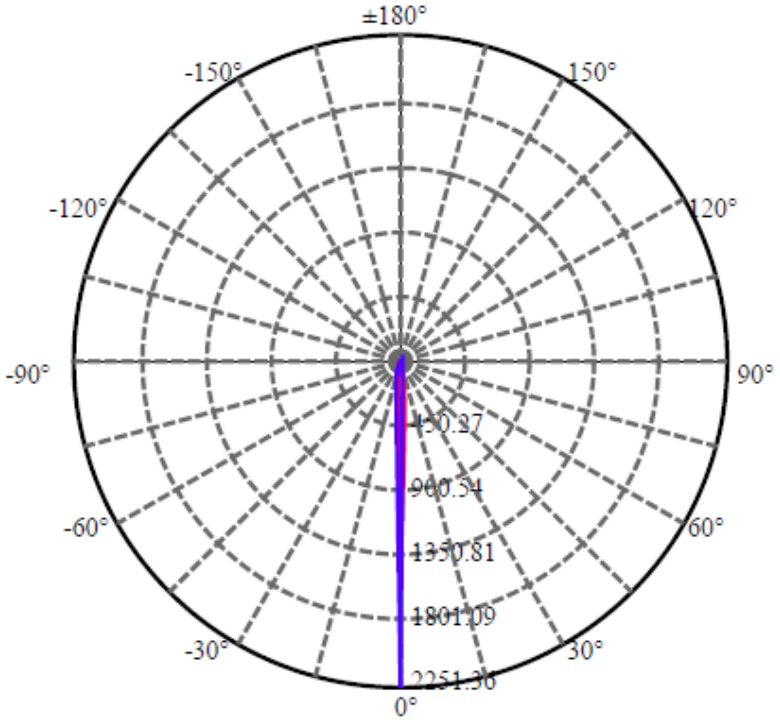
ZONAL LUMEN SUMMARY

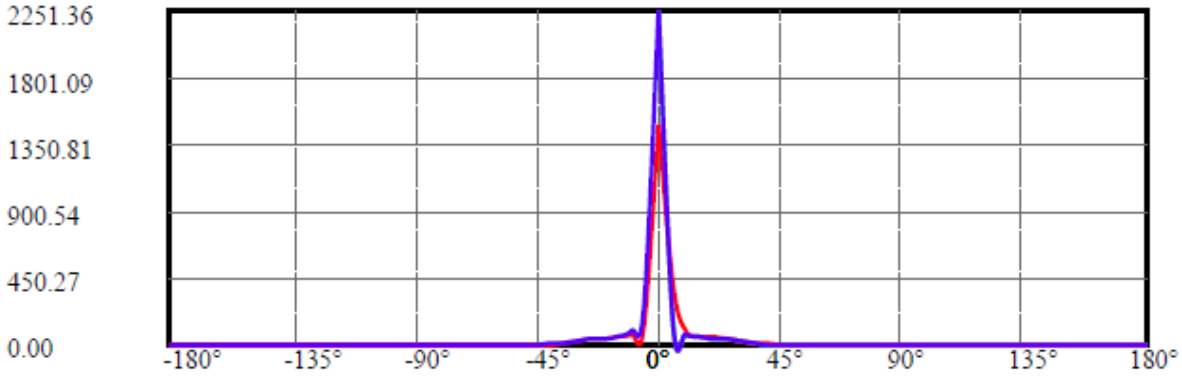
Zone	Lumens	%Lamp	%Fixt
0-30	58.23	N.A.	29.00%
0-40	95.66	N.A.	47.65%
0-60	164.83	N.A.	82.10%
0-90	193.93	N.A.	96.59%
0-120	196.74	N.A.	97.99%
0-180	200.77	N.A.	100.00%
60-90	43.57	N.A.	21.70%
90-120	3.48	N.A.	1.73%
90-130	4.47	N.A.	2.23%
90-150	6.29	N.A.	3.13%
90-180	7.48	N.A.	3.73%
0-58.54	160.62	N.A.	80.00%

ZONAL LUMEN SUMMARY

0-10	7.02
10-20	20.23
20-30	30.98
30-40	37.43
40-50	37.82
50-60	31.35
60-70	19.58
70-80	7.57
80-90	1.95
90-100	0.91
100-110	0.92
110-120	0.98
120-130	0.99
130-140	0.97
140-150	0.85
150-160	0.66
160-170	0.42
170-180	0.11

3.7. Light Distribution Curve (Side light source)





C90(Max):

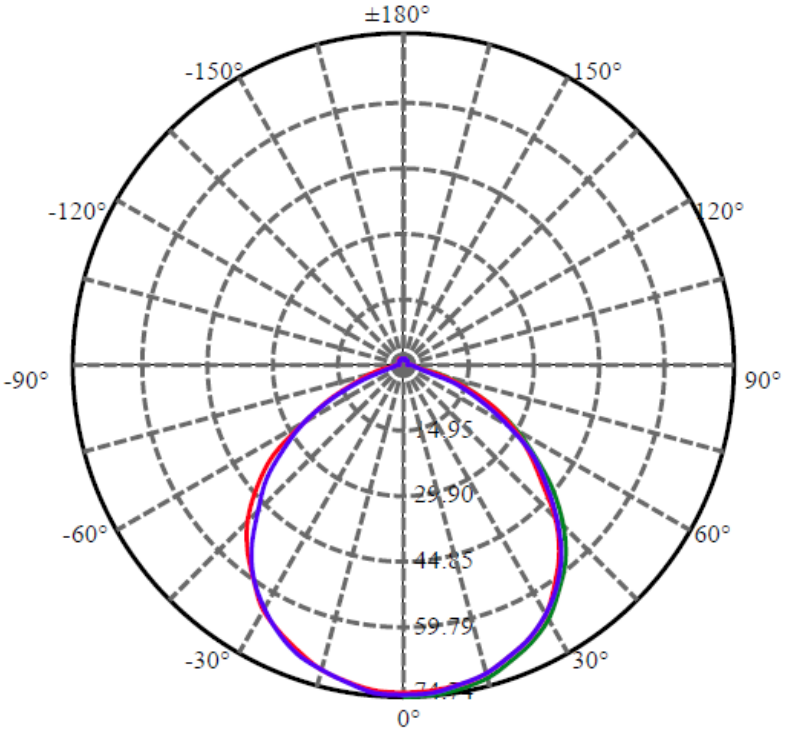
C0/C180:

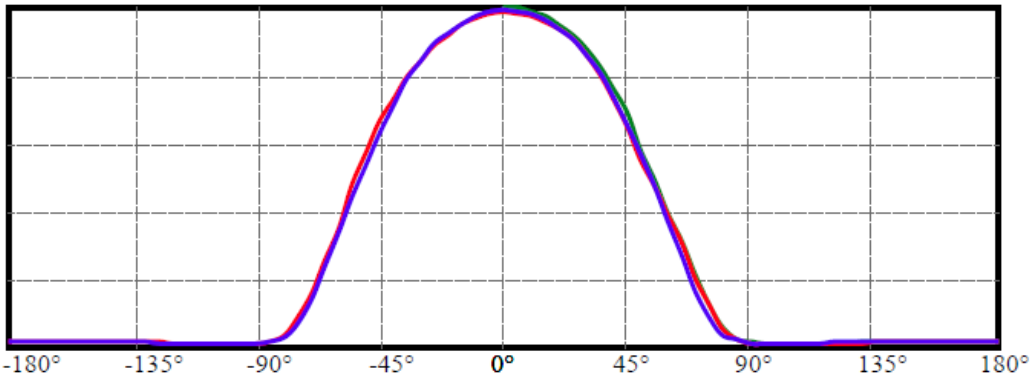
C90/C270:

Field angle(10%Imax):C0/180Left:4.9 Right:9.1
:C90/270Left:6.2 Right:4.8

Beam Angle(50%Imax):C0/180Left:2.7 Right:3.4
:C90/270Left:2.8 Right:2.7

3.8. Light Distribution Curve (Top light source)





C30(Max):

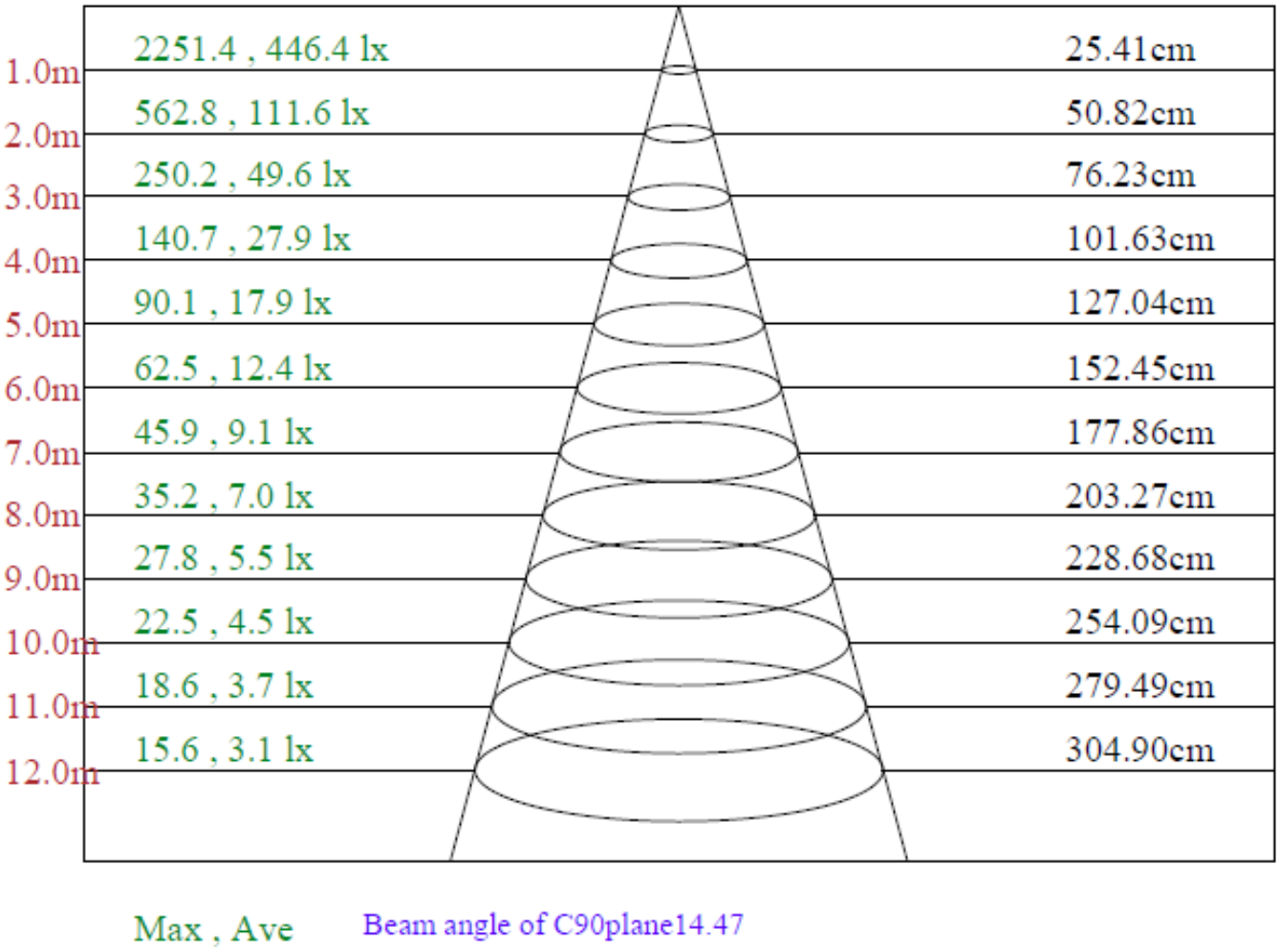
C0/C180:

C90/C270:

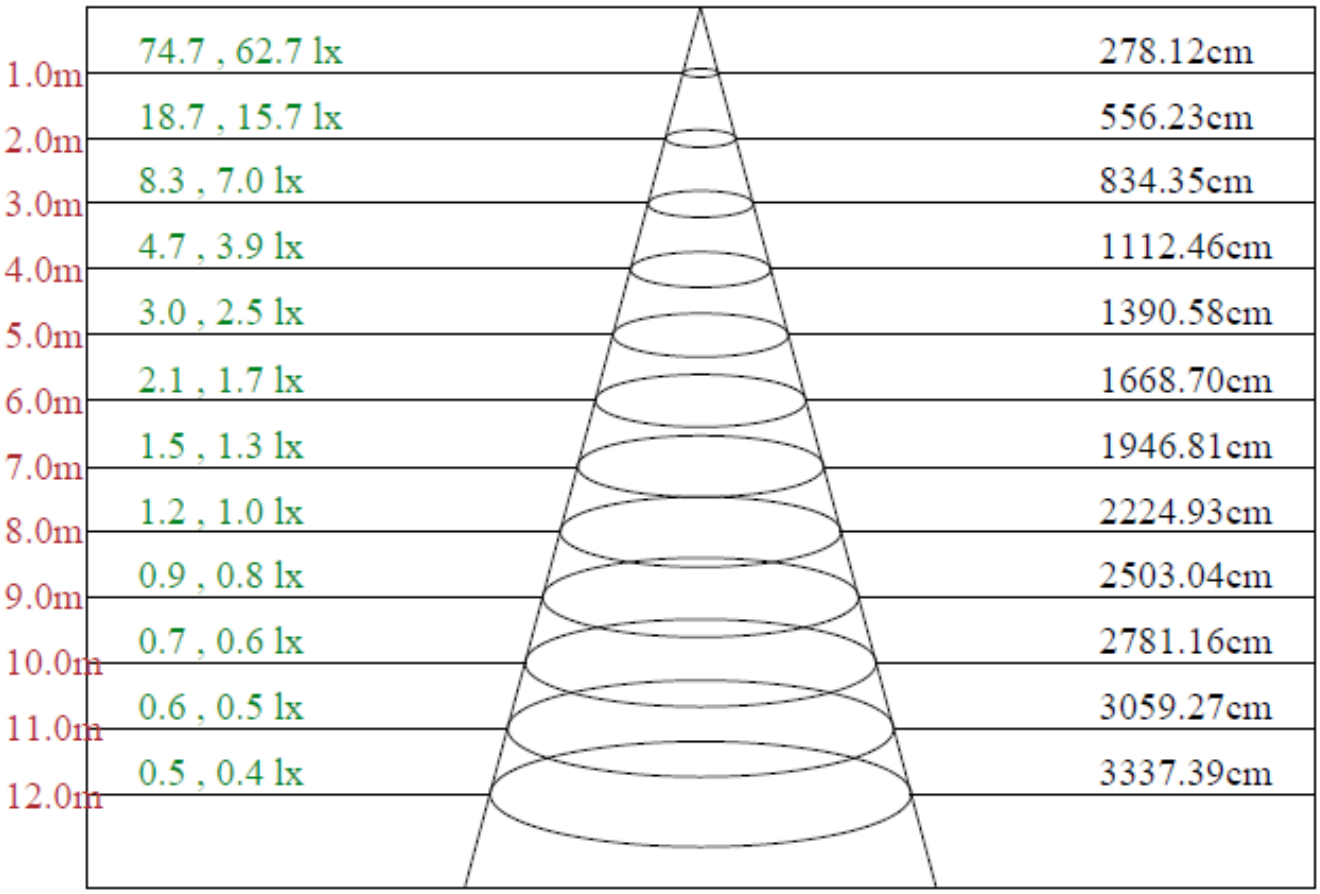
Field angle(10%Imax):C0/180Left:74.1 Right:76.8
:C90/270Left:72.8 Right:74.3

Beam Angle(50%Imax):C0/180Left:54.3 Right:53.6
:C90/270Left:52.2 Right:53.7

3.9. Lux distance Curve (Side light source)



3.10. Lux distance Curve (Top light source)



3.11. Intensity data(cd) (Side light source)

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	1481.76	406.80	91.71	62.82	49.72	38.80	31.91	9.74	7.56	0.0	1.51
30.0	1897.46	323.66	87.34	61.47	48.20	37.46	32.25	9.07	6.55	30.0	1.51
60.0	1786.61	139.91	76.25	57.27	44.01	34.94	31.41	7.39	7.22	60.0	1.34
90.0	2251.36	141.93	76.59	58.79	46.19	36.28	31.24	8.57	6.21	90.0	1.51
120.0	1326.39	103.97	69.03	55.93	41.99	34.77	27.55	8.23	5.54	120.0	1.34
150.0	2136.98	148.65	78.44	58.79	45.35	36.45	31.07	7.89	7.22	150.0	1.34
180.0	1481.76	127.48	76.25	58.28	43.17	36.28	30.90	7.39	6.89	180.0	1.51
210.0	1897.46	138.90	79.11	57.44	43.67	36.78	31.58	6.21	5.88	210.0	1.51
240.0	1786.61	305.86	90.70	63.49	50.56	37.29	34.10	10.41	5.71	240.0	1.34
270.0	2251.36	266.56	91.54	61.81	48.71	36.28	33.76	8.23	7.22	270.0	1.51
300.0	1326.39	1492.68	105.82	68.02	53.08	38.63	35.94	16.80	6.55	300.0	1.34
330.0	2136.98	393.03	93.72	61.81	49.72	36.95	32.25	8.90	7.56	330.0	1.34
360.0	1481.76	406.80	91.71	62.82	49.72	38.80	31.91	9.74	7.56	360.0	1.51

C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	4.87	3.86	2.69	1.68	1.34	1.01	1.01	0.84	0.67
30.0	4.53	2.69	2.35	1.68	1.51	1.18	1.01	1.01	1.01
60.0	4.53	2.86	3.19	1.51	1.34	1.18	1.01	1.01	0.67
90.0	4.20	3.36	2.69	1.51	1.18	1.01	1.01	0.67	0.67
120.0	3.53	3.36	2.35	1.51	1.34	1.01	0.84	0.84	0.67
150.0	3.86	3.36	2.86	1.51	1.34	1.01	0.84	0.84	0.84
180.0	3.86	3.36	2.35	1.51	1.34	1.01	1.01	0.84	0.67
210.0	4.37	3.02	2.52	1.51	1.18	1.01	1.01	1.01	0.67
240.0	6.05	3.53	3.19	2.69	1.34	1.18	1.01	0.84	1.01
270.0	4.53	3.53	3.19	1.68	1.18	1.01	1.01	0.84	0.84
300.0	5.54	3.70	3.53	2.35	1.34	0.84	1.01	0.84	0.84
330.0	4.53	3.70	3.36	1.85	1.34	1.01	1.01	0.84	0.84
360.0	4.87	3.86	2.69	1.68	1.34	1.01	1.01	0.84	0.67

C/γ(°)	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0
0.0	0.84	0.67	0.67	0.67	0.67	0.67	0.84	0.67	0.84
30.0	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.84	0.84
60.0	0.67	0.84	0.84	0.67	0.67	0.67	0.84	0.84	0.67
90.0	0.67	0.67	0.67	0.67	0.67	0.84	0.67	0.67	0.84
120.0	0.67	0.67	0.67	0.67	0.67	0.84	0.67	0.67	0.84
150.0	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.84
180.0	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.84	0.84
210.0	0.67	0.84	0.67	0.67	0.67	0.67	0.67	0.84	0.84
240.0	0.67	0.67	0.84	0.67	0.67	0.67	0.67	0.67	0.67
270.0	0.67	0.67	0.84	0.67	0.67	0.84	0.67	0.67	0.67
300.0	0.84	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.84
330.0	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.84
360.0	0.84	0.67	0.67	0.67	0.67	0.67	0.84	0.67	0.84

C/γ(°)	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0
0.0	0.84	1.01	0.84	1.01	1.34	1.34	1.34	1.51	1.51
30.0	0.84	1.01	1.01	1.18	1.34	1.51	1.85	2.18	2.35
60.0	0.84	1.01	1.18	1.18	1.51	1.51	1.85	2.18	2.02
90.0	0.84	0.84	0.84	1.34	1.34	1.51	1.68	2.18	1.85
120.0	0.84	1.01	1.01	1.34	1.51	1.51	1.85	2.18	1.51
150.0	1.01	1.01	1.01	1.34	1.51	1.51	1.85	2.18	1.85
180.0	0.84	0.84	1.01	1.34	1.51	1.51	1.85	2.18	1.85
210.0	0.84	1.01	0.84	1.18	1.34	1.18	1.34	1.34	1.51
240.0	0.84	0.84	1.01	1.01	1.18	1.18	1.34	1.34	1.51
270.0	0.84	0.84	0.84	1.18	1.18	1.34	1.34	1.34	1.51
300.0	0.84	0.84	0.84	1.01	1.18	1.18	1.34	1.34	1.51
330.0	0.84	0.84	1.01	1.18	1.34	1.18	1.34	1.34	1.51
360.0	0.84	1.01	0.84	1.01	1.34	1.34	1.34	1.51	1.51

3.12. Intensity data(cd) (Top light source)

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	73.74	73.57	73.06	71.72	70.04	67.86	64.33	59.96	54.92	0.0	1.51
30.0	74.74	74.57	73.90	72.90	71.05	68.86	65.84	61.64	56.94	30.0	1.51
60.0	74.41	73.90	73.40	72.06	70.38	68.02	65.00	60.97	56.44	60.0	1.51
90.0	74.24	73.90	73.23	72.06	70.04	67.86	64.33	60.30	55.26	90.0	1.51
120.0	73.90	73.40	72.56	71.05	69.03	66.18	62.65	58.11	52.91	120.0	1.51
150.0	73.90	73.57	72.56	71.05	69.03	66.51	63.32	59.63	55.09	150.0	1.51
180.0	73.74	73.40	72.39	70.88	68.86	66.34	63.32	59.29	54.92	180.0	1.51
210.0	74.74	74.07	72.90	71.22	69.20	66.51	63.15	59.29	54.59	210.0	1.51
240.0	74.41	74.07	73.06	71.72	69.54	67.02	63.66	59.63	54.59	240.0	1.51
270.0	74.24	73.90	72.73	71.22	69.37	66.68	63.15	58.79	53.24	270.0	1.51
300.0	73.90	73.74	73.06	71.89	70.21	67.86	64.83	60.97	56.27	300.0	1.51
330.0	73.90	73.74	72.90	71.72	69.87	67.69	64.50	60.30	55.60	330.0	1.51
360.0	73.74	73.57	73.06	71.72	70.04	67.86	64.33	59.96	54.92	360.0	1.51

C/γ(°)	45.0	50.0	55.0	60.0	65.0	70.0	75.0	80.0	85.0
0.0	48.37	41.32	35.10	29.06	22.67	15.28	9.07	4.37	1.68
30.0	51.40	43.84	36.78	29.90	23.35	16.46	9.24	4.87	1.85
60.0	50.39	43.17	36.11	27.88	19.65	12.60	7.05	3.19	1.85
90.0	48.88	42.49	35.27	27.71	19.82	12.60	6.55	2.86	1.68
120.0	46.69	39.97	33.09	24.86	17.47	9.91	4.70	2.35	1.18
150.0	49.88	43.67	36.45	27.71	18.64	11.25	5.71	2.69	1.51
180.0	49.88	43.33	35.78	26.37	18.98	11.93	6.38	2.86	1.34
210.0	49.38	42.66	35.10	25.19	17.13	10.58	5.21	2.35	1.18
240.0	48.71	41.65	34.77	27.04	19.32	11.42	5.37	2.69	1.51
270.0	46.69	40.31	33.09	25.70	17.64	10.58	5.04	2.52	1.51
300.0	50.72	44.01	36.95	29.23	21.00	13.27	7.05	3.19	1.85
330.0	49.55	42.33	34.60	27.38	20.66	13.77	7.39	3.70	1.68
360.0	48.37	41.32	35.10	29.06	22.67	15.28	9.07	4.37	1.68

C/γ(°)	90.0	95.0	100.0	105.0	110.0	115.0	120.0	125.0	130.0
0.0	1.01	0.84	0.84	1.01	1.01	1.01	1.01	1.01	1.01
30.0	1.18	0.84	0.84	0.84	0.84	1.01	1.01	1.01	1.18
60.0	1.01	0.84	0.84	0.84	0.84	1.01	1.01	1.01	1.34
90.0	0.84	0.84	0.84	1.01	0.84	1.01	1.18	1.18	1.34
120.0	0.84	0.84	0.84	1.01	1.01	1.01	1.18	1.18	1.18
150.0	0.84	0.84	0.84	0.84	0.84	1.01	1.18	1.18	1.34
180.0	0.84	0.84	1.01	1.01	0.84	1.01	1.01	1.18	1.34
210.0	0.84	0.67	0.67	0.84	0.84	1.01	1.01	1.18	1.18
240.0	0.67	0.84	0.84	0.84	0.84	1.01	1.01	1.01	1.01
270.0	0.84	0.84	0.84	0.84	1.01	1.01	1.01	1.01	1.18
300.0	1.01	0.67	0.67	0.84	0.84	1.01	1.01	1.01	1.01
330.0	0.84	0.84	0.84	0.67	0.84	1.01	0.84	1.18	1.18
360.0	1.01	0.84	0.84	1.01	1.01	1.01	1.01	1.01	1.01

C/γ(°)	135.0	140.0	145.0	150.0	155.0	160.0	165.0	170.0	175.0
0.0	1.18	1.34	1.18	1.34	1.34	1.34	1.34	1.51	1.51
30.0	1.34	1.34	1.34	1.51	1.51	1.51	1.51	1.51	1.51
60.0	1.34	1.34	1.51	1.51	1.51	1.51	1.51	1.51	1.51
90.0	1.34	1.34	1.34	1.34	1.51	1.51	1.51	1.51	1.51
120.0	1.34	1.34	1.34	1.34	1.34	1.51	1.51	1.51	1.51
150.0	1.34	1.34	1.34	1.51	1.51	1.51	1.51	1.51	1.51
180.0	1.18	1.34	1.34	1.51	1.51	1.51	1.51	1.51	1.51
210.0	1.34	1.34	1.34	1.51	1.34	1.34	1.51	1.51	1.51
240.0	1.18	1.34	1.34	1.34	1.34	1.51	1.51	1.51	1.51
270.0	1.18	1.34	1.34	1.34	1.34	1.51	1.34	1.51	1.51
300.0	1.18	1.18	1.34	1.34	1.34	1.51	1.51	1.51	1.51
330.0	1.18	1.18	1.34	1.34	1.34	1.51	1.34	1.51	1.51
360.0	1.18	1.34	1.18	1.34	1.34	1.34	1.34	1.51	1.51

4.Test Equipment

Equipment Name	Manufacturer	Model No.	Equipment No.	Calibration Due Date
2m Integating Sphere	SENSING	SL-300	AOC-S-126	2026-04-13
Horizontal Distribution Photometer	SENSING	GMS1800D	AOC-S-124	2026-04-13
Standard Lamp	SENSING	220V/150W	AOC-S-156	2026-06-05
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

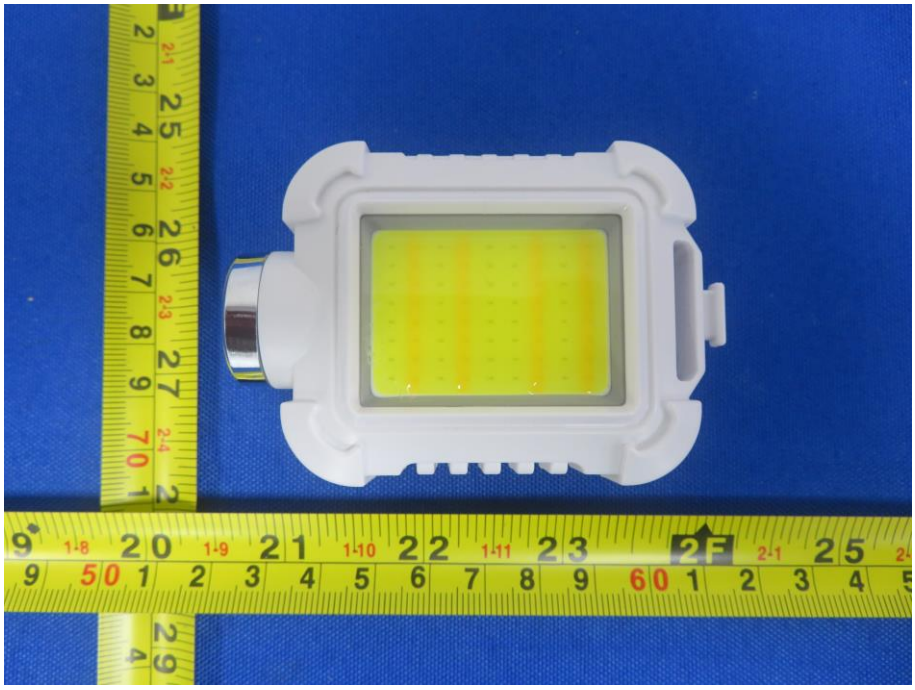


Fig.1

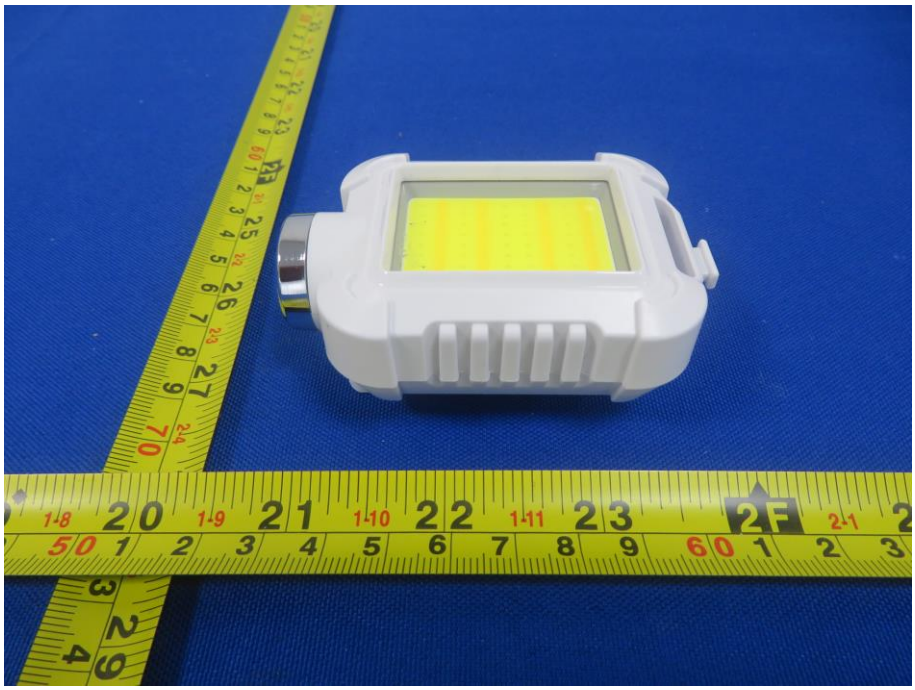


Fig.2

Fig.3

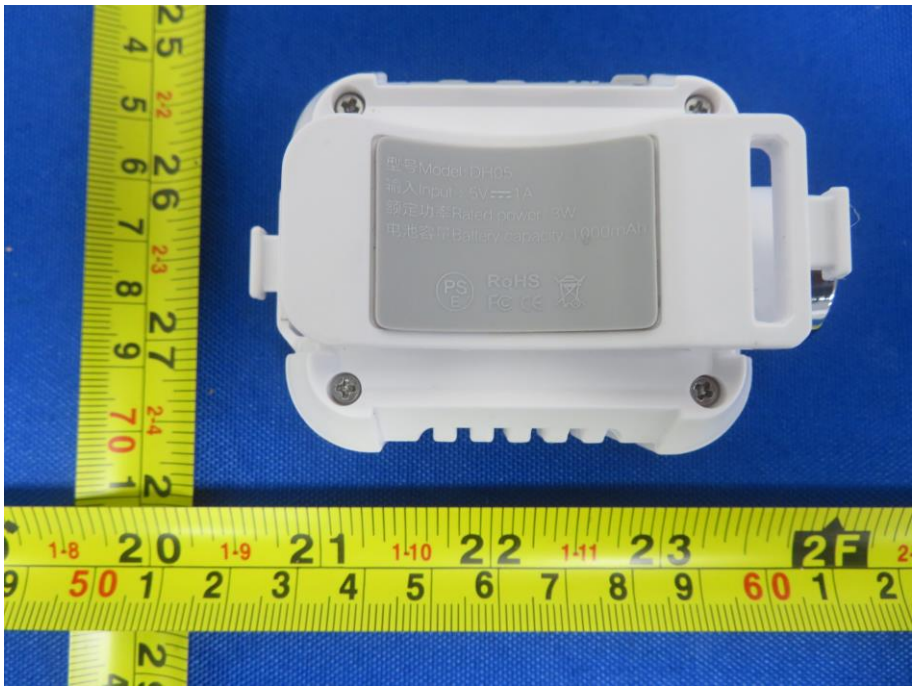


Fig.4

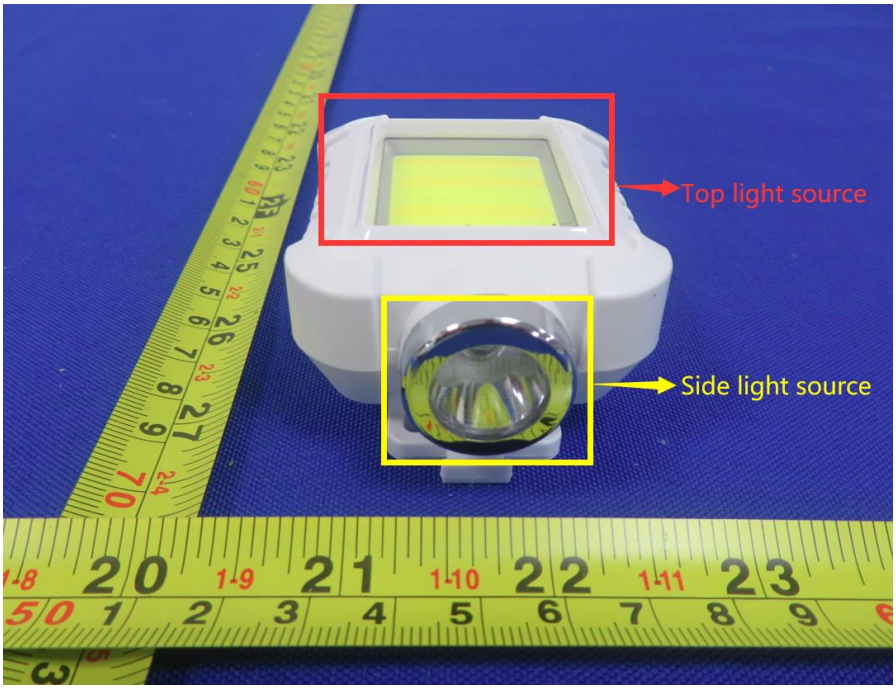

Top light source
Side light source

Fig.5


型号Model:DH05
输入Input：5V⎓1A
额定功率Rated power：3W
电池容量Battery capacity:1000mAh
RoHS

Fig.6

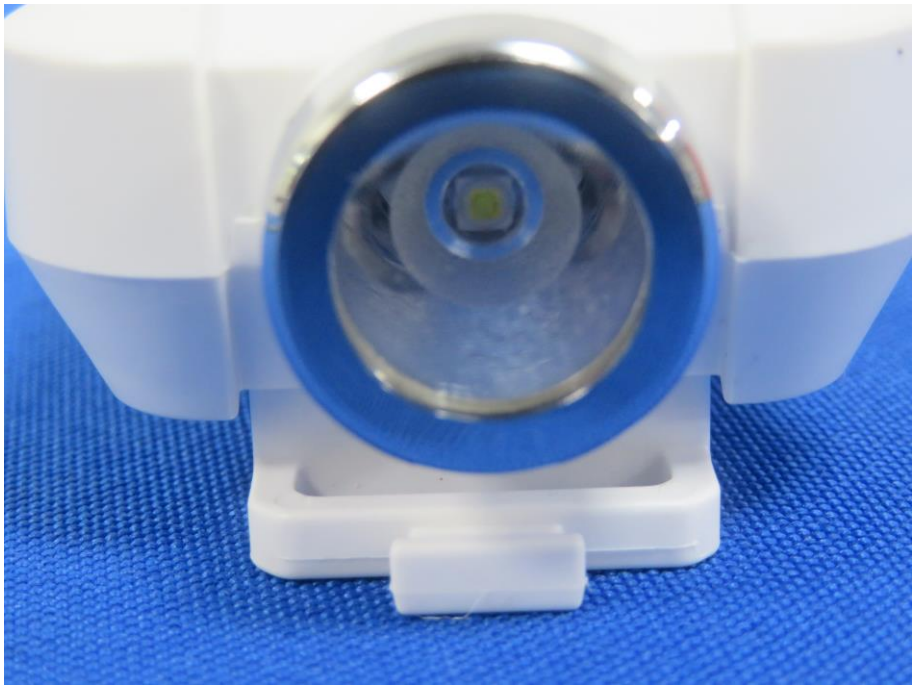


Fig.7

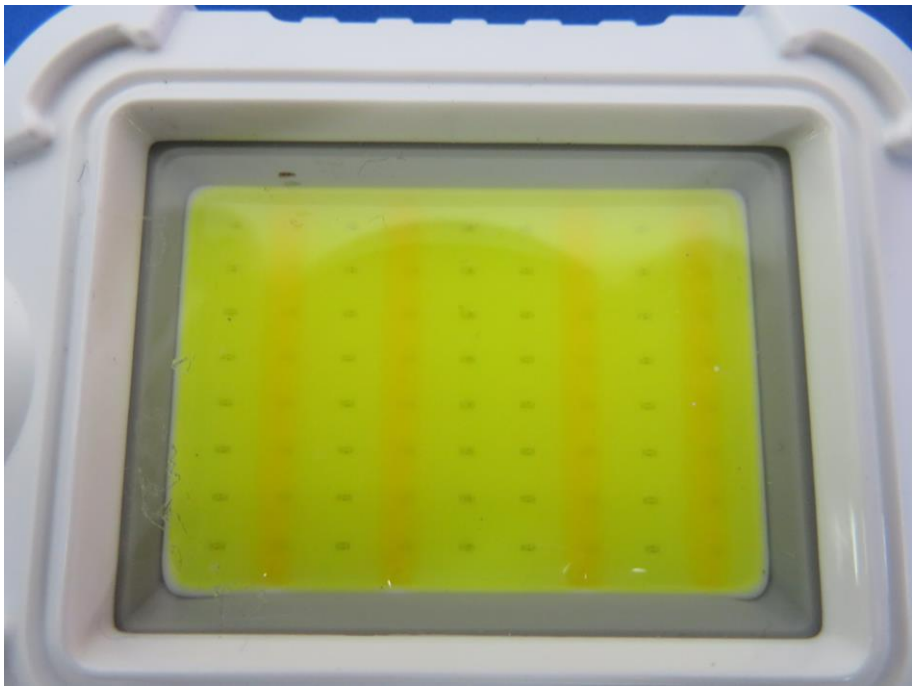


Fig.8

-- End of Report --