

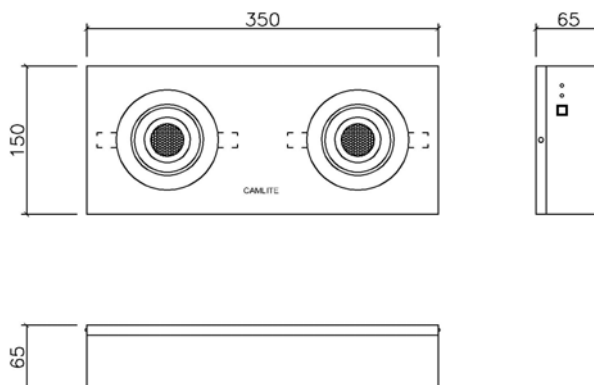
CE Series Emergency Light



CE11



Dimensions



Features:

- ~ Wall mounted
- ~ High efficiency
- ~ Durable
- ~ Clear glass lens diffuser
- ~ Maintenance free
- ~ GMS box with white powder coating
- ~ Both Surface Mounted and Recessed Mounted application
- ~ Suitable for all kinds of commercial buildings, schools, shopping malls, offices, etc
- ~ Comprehensive battery status indication

Standard:

BS 5266-1

IEC605982-2-22

FSD PPA/104(A) 4th Revision

By using one white LED and one three-colour LED the following status are readily indicated:

- Three-colour LED in RED – Battery being charged
- Three-colour LED in Green – Battery fully charged
- Three-colour LED in Yellow (flashing) – fault in battery charging system

Lamp	2 x 3W LED
Voltage	A/C 220V-230V 50Hz
Discharge duration	3 hours
Recharge Period	12 hour for 2 hour discharge / 24 hours for 3 hour discharge
Battery	Ni-mh - Nickel -Metal Hydride battery 12V 1800mAh
Operating Temperature	0°C -50°C

Ordering Example:

CE11	WT-LED-	S6
Series	Order code	Dimension

Series	Order Code	Dimension (L)	Wattage	Options
CE11	WT-LED	S6 - Surface	2 X 3W LED	F - Fuse terminal block SS - Stainless steel RC - Remote control A - Automatic discharge

Model No. : WT-LED-S6 2 x 3W LED

消防處
牌照及審批總區

香港九龍尖沙咀東部康莊道1號5樓
消防總部大廈



FIRE SERVICES DEPARTMENT
LICENSING & CERTIFICATION COMMAND

FIRE SERVICES HEADQUARTERS BUILDING,
5/F, No. 1 Hong Chong Road,
Tsim Sha Tsui East, Kowloon,
Hong Kong

處檔號 Our Ref.: (29) in FP(LC) 321/12 Pt.13

來函檔號 Your Ref.: F308

圖文傳真 Fax: 852-2723 2197

電話 Tel. No. 852-2733 7592

電子郵件 E-mail: lcpolice2@hkfsd.gov.hk

26 August 2010

Wing Tong Limited
1/F., No. 15, Wah Yuen Factory Bldg.,
15-21 Beech Street, Tai Kok Tsui,
Kowloon.
(Attn.: Ms. Sandy HO)
Fax : 2789 0936

Dear Mr. HO,

Self-contained Luminaires Emergency Lighting System(s)

Reference is made to your letter of 12 August 2010 and the relevant test report(s) for the following models of self-contained luminaires emergency lighting system(s).

<u>Item</u>	<u>Model</u>	<u>Item</u>	<u>Model</u>
(1)	WT-T5-131BT+WT-400 WT-T5-132BT+WT-400	(2)	WT-T5-141BT+WT-400 WT-T5-142BT+WT-400
(3)	WT-LED-S20W+WT-400 WT-LED-S16W+WT-400	(4)	WT-LED-S6 WT-LED-R6

I would like to inform you that in accordance with the FSD Circular Letter No. 1/2007 Guidelines on New Arrangement on Product Approval of Fire Service Installations and Equipment, application to this Department for prior approval / acceptance of emergency lighting systems (including self-contained luminaires emergency lighting systems) is not required.

Nevertheless, according to your submitted test report(s), the captioned self-contained luminaires emergency lighting system(s) is/are deemed to comply with the specifications of Clauses 3 to 8 of "Requirements for Self-contained Luminaires Emergency Lighting Systems" [PPA/104(A)(4th Revision)].

Should you require further information or clarification regarding the above, please feel free to contact Mr. WONG Yuk-fung at 2733 7660 or the undersigned direct.

Yours faithfully,

(CHAN Suen-to)
for Director of Fire Services

APPLICATION FOR IEC REPORT**On Behalf of****WING TONG LTD****For****Surface Mounted Emergency Luminaire**

Model No. WT-LED-S6, WT-LED-S2, WT-6V-10W, WT-6V-10W-D, WT-6V-3W, WT-6V-3W-D, WT-1, WT-2, WT-3, WT-4, WT-LED-H100, WT-LED-H200, WT-LED-H300, WT-LED-H400, WT-H100, WT-H200, WT-H300, WT-H400, WT-18HP, WT-30HP, WT-36HP, WT-LED-S100, WT-LED-S200, WT-LED-S300, WT-LED-S400, WT-18SP, WT-30SP, WT-36SP, WT-S100, WT-S200, WT-S300, WT-S400

Prepared for : WING TONG LTD
G/F, No. 9, Beech Street, Tai Kok Tsui

Prepared By : Shenzhen AOV Testing Technology Co., Ltd.
2-6/F, No.5 Yuantou Lane, Tanglang, Taoyuan Street, Nanshan District,
Shenzhen, Guangdong, China.

Date of Test: July 02-13, 2012
Date of Report: July 17, 2012
Report Number: A001P120702019S

TEST REPORT

IEC 60 598-2-1

Luminaires

Part 2: Particular requirements

Section One – Fixed general purpose luminaires

Report reference No: A001P120702019S

Tested by
(name and signature): Lisa Yang

Approved by
(name and signature): Barry Yan

Date of issue: July 17, 2012

Contents: 44 pages



Testing Laboratory Name: Shenzhen AOV Testing Technology Co., Ltd.

Address: 2-6/F, No.5 Yuantou Lane, Tanglang, Taoyuan Street, Nanshan District, Shenzhen, Guangdong, China.

Testing location: Same as above

Applicant's Name: WING TONG LTD

Address: G/F, No. 9, Beech Street, Tai Kok Tsui

Test specification

Standard: IEC 60598-2-1:1979+A1:1987 used in conjunction with IEC 60598-1:2008 IEC61347-2-13:2006 used in conjunction with IEC61347-1:2007

Test procedure: LVD Scheme

Procedure deviation: N/A

Non-standard test method: N/A

Test Report Form

Test Report Form No.....: 6598201

TRF originator: AOV

Master TRF: dated 09-03

Test item description: Surface Mounted Emergency Luminaire

Trademark: CAMLITE WT

Model and/or type reference: See model list

Manufacture.....: WING TONG LTD

Address: Shangkeng Industrial Park, Changping Town, Dongguan, Guangdong China P.C:523563

Rating(s): AC 220-240V, 50-60Hz, 2x3W



TESTING
No. L3110



TYPE TEST REPORT FOR

"Camlite" Emergency Luminaire
Model: See model list

Prepared for :

WING TONG LIMITED
1/F, No.15, Wah Yuen Factory Building, 15-21 Beech
Street, Tai Kok Tsui, Kowloon
Tel: +852-27890965
Fax: +852-27890936

Prepared by :

WALTEK SERVICES (SHENZHEN) CO., LTD.
12B, West Tower, Aidi Building, No.5003 Binhe Rd,
Futian District, Shenzhen 518045, China
Tel: +86-755-83551033
Fax: +86-755-83552400

Date of Test:
Date of Report:
Report Number:

September 01, 2011 to October 11, 2011
October 12, 2011
WT11063290-S-F-O

TEST REPORT IEC 60598-2-22 Luminaires Part 2: Particular requirements: Section Twenty two - Luminaires for emergency lighting	
Report Reference No.:	WT11063290-S-F-O
Supervised by (name + signature):	Michael Chen
Approved by (name + signature):	Oren Yang
Date of issue	October 12, 2011
Total number of pages	55+7 pages of photo documents
Testing Laboratory	WALTEK SERVICES (SHENZHEN) CO., LTD.
Address	12B, West Tower, Aidi Building, No. 5003 Binhe Rd, Futian District, Shenzhen, China
Testing location	No. 13-19, 2/F, 2nd Building, Sunlink International Machinery City, Chencun Town, Shunde District, Foshan, Guangdong, China 1/F., Fukangtai Building, West Baima Road, Songgang Street, Baoan District, Shenzhen 518105, Guangdong, China
Applicant's name	WING TONG LIMITED
Address	1/F, No.15, Wah Yuen Factory Building, 15-21 Beech Street, Tai Kok Tsui, Kowloon
Test specification:	
Standard	IEC 60598-2-22:2008 used in conjunction with IEC 60598-1:2008
Test procedure	Safety test
Non-standard test method	N/A
Master TRF	2008-12
Test item description	"Camlite" Emergency Luminaire
Trade Mark	Camlite
Manufacturer	WING TONG LIMITED
Address	1/F, No.15, Wah Yuen Factory Building, 15-21 Beech Street, Tai Kok Tsui, Kowloon
Model/Type reference	WT-H100; WT-H200; WT-H300; WT-H400; WT-LED-H100; WT-LED-H200; WT-LED-H300; WT-LED-H400; WT-18HP; WT-30HP; WT-36HP; WT-S100; WT-S200; WT-S300; WT-S400; WT-LED-S100; WT-LED-S200; WT-LED-S300; WT-LED-S400; WT-18SP; WT-30SP; WT-36SP; WT-LED-S2; WT-LED-S6; WT-LED-R2; WT-LED-R6; WT-6V-3W-LED; WT-6V-3W-LED-D; WT-6V-10W; WT-6V-10W-D
Ratings	220-230 V~; 50 Hz; Class I; IP20; for others details see general product information



Wing Tong Ltd
1/F No 15, Wah Yuen Factory Bldg
15-21 Beech Street, Tai Kok Tsui
Kowloon

Our reference No. WT-14-R056

Date issued: 5-Jan-14

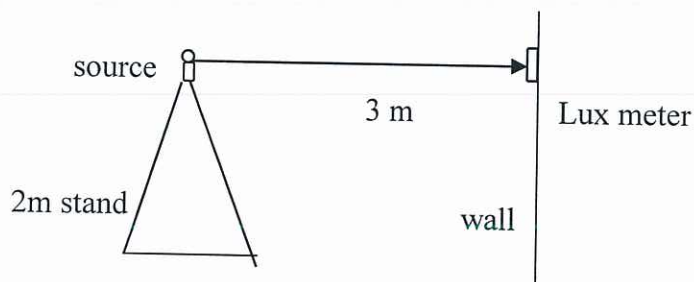
The self-contained emergency luminaire supplied by you was tested in our laboratory on 6 August 2014 and the results were presented as follows;

Description of Luminaire :	"Camlite" self-contained emergency LED twin spot
Completed set model :	Camlite WT-LED-S6
Battery & inverter model:	WT-400(LED)
A.C. input :	220-240V, 50Hz
Battery :	Ni-MH rechargeable battery 12V/1.8Ah
Full Charge period:	12 hours
Duration:	3 hours
Test Tube :	2x3W LED light
Test button and charging LED:	Incorporated
Low voltage cut off:	Incorporated
Power cables:	No power cables extended outside the enclosure of the self-contained emergency luminaire
Case:	The case is made of metal and glass and there are no exposed inflammable parts



Test procedures;

1. After 12 hours of charging at 220V 50 Hz AC supply, the emergency luminaire has attained 100% of its rated battery capacity.
2. The luminaire is positioned on a stand at 3 meters from a wall as shown below(not to scale);



3. The room light is switched off. The normal supply is terminated by pulling the plug and the emergency light is automatically turned on.
4. The illuminance at a point on the wall which lies on the central axis of the emergency luminaire is measured at 5 sec, 1 minute, 30 minutes and then at 30 minute intervals after the emergency light is turned on. The maximum duration of emergency light is noted.
5. Results;
 1. The emergency luminaire produced more than 90% of the stipulated illumination level within 5 seconds and maintained throughout the discharging time.
 2. The total discharge time is 198 minutes at which the batteries were disconnected by the incorporated low voltage cut out device.
6. The emergency luminaire passed the resistance to flame and ignition as stipulated in BSEN 60598-2-22:2008 and the external parts passed the 850°C glow wire test detailed in IEC60695-2-10: 2000.



Summary of compliance with PPA/104(A)(4th Revision)

Item	Test Requirement of PPA/104(A) (4 th Revision)	Result-Remark	Verdict
B.3	Emergency lighting luminaires shall comply with the non-flammability (resistance to flame and ignition) provisions specified in BS EN 60598-2-22:2008 and external parts shall also be subjected to the 850°C glowing/hot wire test; any burning parts should self-extinguish within 30 seconds.		pass
B.4	All power cables extended outside the enclosure of a self-contained emergency lighting luminaire, other than the wiring connecting the luminaire to normal supply, shall conform to BS EN 60702-1:2002, BS EN 60702-2:2002 and BS 6207-3:2001 as appropriate or to BS 6387:1994 Cat. CWZ or other international standards acceptable to the Director of Fire Services.		pass
B.5	An automatic trickle charger with a 220-volt input and suitable output and fitted with pilot lights or other indicating device shall be provided for the batteries. The charger shall be capable of re-charging the battery to 100% of the rated capacity in not more than 12 hours.		pass
B.6	The self-contained luminaires emergency lighting systems shall be capable of maintaining the stipulated lighting levels for a period of not less than one hour (rated duration).		pass
B.7	Upon failure of the main lighting system or in the event of power failure, the emergency lighting shall automatically light up to at least 90% of the stipulated illumination level within 5 seconds.		pass
B.8	Each unit shall be provided with a properly labeled 'TEST' switch and charge monitor light. A low voltage cut out shall also be provided to disconnect the batteries when fully discharged.		pass

Our measurement complied with relevant sections of BS 5266 part 1:2012. The test results complied with relevant parts of BS EN 60598-2-22:2008 and Regulation PPA / 104 (A) (4th Revision) of Fire Services Department specifications.



Daniel To
Senior Lecturer
Department of Building Services Engineering