

All Brite International High Power LED Lighting



Dimmable

12W/24W LED FL

T8 Fluorescent Lamp Replacement



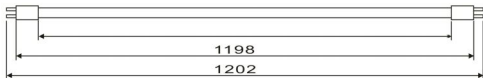
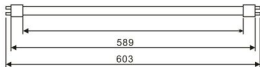
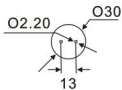
IP 20

CE

E-mail: service@all-brite-intl.com

Website: www.all-brite-intl.com

All Brite International



Dimension (mm)

12W/24W LED FL

Features

- Dimmable Circuit Design
- Patented AC LED module technology
- Anti-Glaring and Uniform Micro-Structured lens

LEDs

- Light Number: 144/288 pcs Top LED
- Total Flux : >800/1600 lm
- CCT: 2800-3200, 4500-5500K, 5500-6500K
- CRI: > 70%
- LED Life Time: Over 40,000 hours
- LED Emitting Angle: 120 degree

Installation Guide

1. Check system voltage first from Ballast and choosing correct product.
2. Remove Starter before you install LED FL.
3. Please do not work with Electronic Ballaster because inside starter will damage LED FL.

Housing

- Heat Sink: Aluminum
- Side Caps: PolyCarbonate
- Micro-Structured lens : PolyCarbonate
- Protection: Ip20

Specification

- Fixture Input Voltage: AC 110V or 220V
- Dimension: (L)603/1202 x (R)30 mm
- Power Consumption: 12W/24W
- Connector: 2 pin connector
- Weight: 180 g/360g

Temperature

- Operation: -20°C ~ 50°C
- Storage: -20°C ~ 80°C

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12W/24W LED FL

Product List

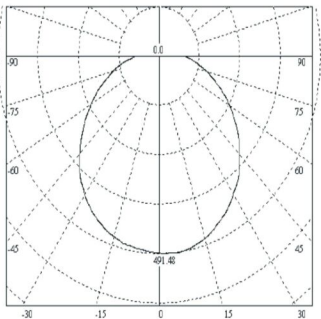
Item No.	Color	Length(mm)	Flux	Power Consumption	Input Voltage
ABI-12AFL-1-CWXX	Cool White	603	> 800 lm	12W	AC 110V
ABI-12AFL-2-CWXX	Cool White	603	> 800 lm	12W	AC 220V
ABI-12AFL-1-WWXX	Warm White	603	>700 lm	12W	AC 110V
ABI-12AFL-2-WWXX	Warm White	603	>700 lm	12W	AC 220V
ABI-24AFL-1-CWXX	Cool White	1202	>1600 lm	24W	AC 110V
ABI-24AFL-2-CWXX	Cool White	1202	>1600 lm	24W	AC 220V
ABI-24AFL-1-WWXX	Warm White	1202	>1400 lm	24W	AC 110V
ABI-24AFL-2-WWXX	Warm White	1202	>1400 lm	24W	AC 220V

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12W/24W LED FL

24W FL Luminous Intensity Distribution

In polar coordinates

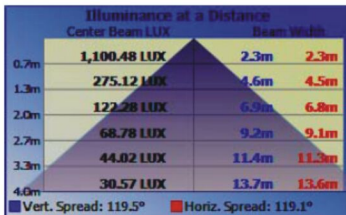


Candle Power Distribution (vertical)

All Brite International

12W/24W LED FL

24W FL Lux Distribution



Illuminance at a distance (vertical)

12W/24W LED FL

CE EMC certification

CE

Worldwide Testing Services (Taiwan) Co., Ltd.
ACCREDITED TEST HOUSE

CERTIFICATION OF TESTING

Under EU EMC - DIRECTIVE 2004/108/EC -

This certifies that the following designated product

LED FL
Model No.: ABI-12AFL-1-CWXX
Brand Name: All Brite, Super Brite

(Product identification)

Has been tested in accordance to essential protection requirements of Council Directive 2004/108/EC and found the test results indeed meet the limitation of the relevant test standard(s) listed below:

EN 55015 (2006+A1:2007),
IEC/EN 61000-3-2 (2006), IEC/EN 61000-3-3 (1995+A1:2001+A2:2005)
EN 61547 (1995+A1 :2000),
(IEC/EN61000-4-2(1995+A1:1998+A2: 2001)-3(2006+A1:2008)-4(2004)
-5(2006)-6 (2007) -11(2004))

(Identification of regulations / standards)



This certificate is issued for

Super Brite Ltd
No. 1-6, Da-Li Street, Taipei City, Taiwan

(Name / Address)

SPECIAL STATEMENT:

1. THIS CERTIFICATION IS A MULTI-LINGUAL BASED ON THE ORIGINAL MODEL.
2. THE RELEVANT CATEGORIES, PCB LAYOUT, INNER ELEMENT, FUNCTION, AND APPEARANCE OF THIS CERTIFICATION ARE EXACTLY THE SAME AS THE ORIGINAL MODEL. THEREFORE THE TEST RESULT IS ALSO BASED ON THE ORIGINAL TEST REPORTS NO. WTS2009-002-E-01 WITHOUT RE-TESTING.
3. THE CERTIFICATION IS VALID ONLY IF THE PRODUCT IS MANUFACTURED IN ACCORDANCE WITH THE TEST REPORTS NO. WTS2009-002-E-01.

April 02, 2009
(Date)
Chang Te-Ming
Chang Te-Ming, Laboratory Director

Worldwide Testing Services (Taiwan) Co., Ltd.
W. NO. 16, LANE 106, ROAD 23, SEC. 4, TAIPEI, TAIWAN, R.O.C.

All Brite International

12W/24W LED FL

CE LVD certification

<p style="text-align: center;">INTEGRITY</p> <p style="text-align: center;"><i>Verification</i> of Test Report No.: <i>IL090208598C1</i></p> <p style="text-align: center;">Product: LED FL</p> <p style="text-align: center;">Type reference: Model No.: ABI-12AFL-1-CWXX Series No.: ABI-12AFL-X-XXXX, ABI-24AFL-X-XXXX</p> <p style="text-align: center;">Applicant: Super Brite Ltd No. 1-6, Du-Li Street, Taipei City, Taiwan</p> <p style="text-align: center;">Issue Date: Apr.09, 2009</p> <p>A sample of the equipment has been tested for CE marking according to the EC Low Voltage Directive 2006/95/EC. Standard(s) used for showing compliance with essential requirements of the directive.</p> <table border="1"><tr><td>Standard: EN 60598-1: 2004 + A1: 2006 Luminaires- Part 1: General requirements and tests</td></tr></table> <p>The referred test report(s) show that the product fulfills the requirement in the EC Low Voltage Directive for CE marking. On the basis, together with the manufacturer's own documented production control, the manufacturer (or his European authorized representative) can in his EC Declaration of Conformity verify with the EC Low Voltage Directive. This verification shall be accompanied with test report.</p> <p style="text-align: center;">CE <i>Raven Mo</i> Approved by: _____ Managing Director</p> <p>Test site: Integrity EMI Lab Inc. 1F., No.126, Zhuangjing Rd., Jhongli City, Taoyuan County 320, Taiwan (R.O.C.) Tel: +886-2-4789-3367 Fax: +886-2-4789-4070</p>	Standard: EN 60598-1: 2004 + A1: 2006 Luminaires- Part 1: General requirements and tests
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