

**TEST REPORT  
EN 60598-2-1  
Luminaires  
Part 2: Particular requirements:  
Section One – Fixed general purpose luminaires**

**Report Reference No.**.....: 3007562.50-QUA/LI  
Date of issue.....: 2011-03-28  
Total number of pages ..... 51 pages

**CB Testing Laboratory**.....: DEKRA Certification Hong Kong Limited  
Address .....: Unit 1-14, 6/F., Fuk Shing Commercial Building, 28 On Lok Mun Street, On Lok Tsuen, Fanling, N.T., Hong Kong

**Applicant's name**.....: Matrix Lighting Limited  
Address .....: Room 223-231, 2/F., East Wing, Tsim Sha Tsui Centre, 66 Mody Road, Tsim Sha Tsui East, Kowloon, Hong Kong.

**Test specification:**

Standard .....: EN 60598-2-1:1989 used in conjunction with  
EN 60598-1:2008 + A11:2009;  
AS/NZS 60598-2-1:1998 used in conjunction with  
AS/NZS 60598-1:2003  
Test procedure .....: LVD  
Non-standard test method.....: N/A

**Test Report Form No.**.....: IEC60598\_2\_1B  
Test Report Form(s) Originator .....: Intertek Semko AB  
Master TRF.....: 2009-03



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**This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.**

<b>Test item description</b> .....	5 Feet LED tube
Trade Mark .....	VIRIBRIGHT
Manufacturer .....	Matrix Lighting Limited
Factory.....	1) Zhong Shan Ban Fu Micami Toys Factory Sha Guo Industrial Zone, Ban Fu Country, ZhongShan City, Guangdong Province, China 2) ZhongShan Wei Heng Plastic Industry Co.,Ltd. 172 North Banfu Road, Banfu town, Zhongshan, Guangdong, China
Model/Type reference .....	T8-150EU
Ratings .....	220-240 Vac; 50 / 60 Hz; 150 mA; 25 W; G13

<b>Testing procedure and testing location:</b>	
<input checked="" type="checkbox"/> <b>Testing Laboratory:</b>	DEKRA Certification Hong Kong Limited
Testing location/ address .....	Unit 1-14, 6/F., Fuk Shing Commercial Building, 28 On Lok Mun Street, On Lok Tsuen, Fanling, N.T., Hong Kong
<input type="checkbox"/> <b>Associated CB Laboratory:</b>	
Testing location/ address .....	
Tested by (name + signature) .....	Roy Yip 
Approved by (+ signature).....	Jimmy Chu 
<input type="checkbox"/> <del>Testing procedure: TMP</del>	
<del>Tested by (name + signature) .....</del>	
<del>Approved by (+ signature).....</del>	
<del>Testing location/ address .....</del>	
<input type="checkbox"/> <del>Testing procedure: WMT</del>	
<del>Tested by (name + signature) .....</del>	
<del>Witnessed by (+ signature) .....</del>	
<del>Approved by (+ signature).....</del>	
<del>Testing location/ address .....</del>	
<input type="checkbox"/> <del>Testing procedure: SMT</del>	
<del>Tested by (name + signature) .....</del>	
<del>Approved by (+ signature).....</del>	
<del>Supervised by (+ signature).....</del>	
<del>Testing location/ address .....</del>	
<input type="checkbox"/> <del>Testing procedure: RMT</del>	
<del>Tested by (name + signature) .....</del>	
<del>Approved by (+ signature).....</del>	
<del>Supervised by (+ signature).....</del>	
<del>Testing location/ address .....</del>	

**Summary of testing:**

**Tests performed (name of test and test clause):**

EN 60598-2-1:1989 used in conjunction with EN 60598-1:2008 + A11:2009

AS/NZS 60598-2-1:1998 used in conjunction with AS/NZS 60598-1:2003

LED driver inside the tubes was additionally tested according with EN 61347-2-13:2006 used in conjunction with EN 61347-1:2008

The 5 Feet LED tube was tested according EN 62471. The model: T8-150EU (3000 K) and T8-150EU (5600 K) are selected for the test, which can represent all models. Model: T8-150EU (3000 K) and T8-150EU (5600 K) have been tested and classified as Exempt Group.

**Testing location:**

DEKRA Certification Hong Kong Limited  
Unit 1-14, 6/F., Fuk Shing Commercial Building, 28 on Lok Mun Street, On Lok Tsuen, Fanling, N.T. Hong Kong

**Summary of compliance with National Differences:**

The samples tested comply with the requirements of EN standard.

Australia national deviation of AS/NZS 60598-1 was applied. See details in page 27-28.

**Copy of marking plate**

