

根據強制性能源效益標籤計劃(強制性標籤計劃)進行的能源表現監察測試結果(緊湊型熒光燈) - 2018年
**Results of Compliance Monitoring Tests on Energy Performance under Mandatory Energy Efficiency Labelling Scheme (MEELS)
 (Compact Fluorescent Lamps) - Year 2018**

(A) 在100小時老練期結束時測試出的功率消耗量及流明輸出量
 Measured Power Consumption and Lumen Output at the end of 100-hour ageing period

項目 No.	品牌 Brand	型號 Model Name	獲機電工程署 編配參考編號 EMSD Assigned Reference Number	強制性標籤計 劃下的能源效 益級別 Energy Efficiency Grade under MEELS	額定功率消耗 量(額定瓦數) (瓦) Rated Power Consumption (Rated Wattage) (W)	額定流明輸出 量(流明) Rated Lumen Output (lm)	測試出的功率 消耗量(測試出 的瓦數)(瓦) ^{註 A2} Measured Power Consumption (Measured Wattage) (W) ^{Note A2}	測試出的流明 輸出量(流明) ^{註 A2} Measured Lumen Output (lm) ^{Note A2}	是否符合強制性標籤計劃的要 求? ^{註A1} Conformance with MEELS Requirements? ^{Note A1}		備註 Remark
									功率消耗量 (瓦) Power Consumption (Wattage)	流明輸出量 (流明) Lumen Output (lm)	
測試結果發放日期: 2018年12月 Test Results Release Date: December 2018											
1	飛利浦 PHILIPS	Tornado T2 20W B22 Warm White 8000 Hours	L150027	1	20	1250	17.43	1252	是 Yes	是 Yes	
2	飛利浦 PHILIPS	Genie NG 11W E27 Warm White 8000 Hours	L160008	1	11	610	11.12	590	是 Yes	是 Yes	

註: A1. 如緊湊型熒光燈表列型號的測試結果符合以下要求(產品能源標籤實務守則2014第9.11段), 則該表列型號的流明輸出量和功率消耗量會被接受為符合規定:

- (a) 在 100 小時老練期結束時, 所測試出的功率消耗量的平均值不少於額定功率消耗量的 85%, 也不高於額定功率消耗量的 115%;
- (b) 在 100 小時老練期結束時, 所測試出的流明輸出量的平均值不低於額定流明輸出量的 90%; 及
- (c) 所測試出的能源效益級別符合以下其中一項:
 - (i) 在監察測試中所計算出的能源效益級別, 相等於或較佳於指明人士向機電工程署呈交的測試結果所釐定的能源效益級別; 或
 - (ii) 如在監察測試中所計算出的能源效益級別, 因為電燈發光效率的減少, 而導致不等於或較差於指明人士向署長呈交的測試結果所釐定的能源效益級別, 則在監察測試中所計算出的電燈發光效率, 不得少於向機電工程署呈交的測試結果所計算出的電燈發光效率的85%或額定電燈發光效率的85%, 兩者中以較低者來釐定(計算電燈發光效率必須按測試出的光通量的平均值及測試出的功率消耗量的平均值的比率來釐定)。
(註: 如欲了解詳細的計算方法, 可參閱產品能源標籤實務守則2014第 9.5 段。)

A2. 表列的數值經四捨五入方式顯示。

Note: A1. The lumen output and power consumption of a listed model of compact fluorescent lamp will be accepted as conformance if the test results meet the following criteria (clause 9.11 of the Code of Practice on Energy Labelling of Products 2014):

- (a) The average of the tested power consumptions at the end of 100-hour ageing period being neither less than 85% nor greater than 115% of the rated power consumption;
 - (b) The average of the tested lumen outputs at the end of 100-hour ageing period being not less than 90% of the rated lumen output; and
 - (c) The tested energy efficiency grade meeting either one of the following:
 - (i) The energy efficiency grade calculated in the compliance monitoring testing being equal to or better than the energy efficiency grade determined by the test results submitted to EMSD by the specified person; OR
 - (ii) If the energy efficiency grade calculated in the compliance monitoring testing being not equal to nor better than the energy efficiency grade determined by the test results submitted to the Director due to decrease in lamp luminous efficacy, the tested lamp luminous efficacy calculated in the compliance monitoring testing being not less than 85% of the measured lamp luminous efficacy calculated by the test results submitted to the EMSD or the rated lamp luminous efficacy, whichever is smaller (where the tested lamp luminous efficacy shall be determined by computing the ratio of the average of the tested luminous flux and the average of the tested power consumption).
- (Remark: Please refer to clause 9.5 of the Code of Practice on Energy Labelling of Products for details of calculation method.)

A2. All values are rounded figures.

(B) 在2000小時結束時測試出的流明維持率

Measured Lumen Maintenance at the end of 2000-hour period

項目 No.	品牌 Brand	型號 Model Name	獲機電工程署 編配參考編號 EMSD Assigned Reference Number	額定流明維持率(%) Rated Lumen Maintenance (%)	測試出的流明維持率(%) ^{註B2} Measured Lumen Maintenance (%) ^{Note B2}	是否符合強制性標籤計劃的要 求? ^{註B1} Conformance with MEELS Requirements? ^{Note B1}	備註 Remark
						流明維持率 Lumen Maintenance	
測試結果發放日期: 2018年12月 Test Results Release Date: December 2018							
1	飛利浦 PHILIPS	Tornado T2 20W B22 Warm White 8000 Hours	L150027	80	95.87	是 Yes	

註: B1. 如緊湊型熒光燈表列型號的測試結果符合產品能源標籤實務守則2014第9.11段的要求, 即在 2,000 小時結束時, 所測試出的流明維持率的平均值不低於額定流明維持率, 及如取得第一或第二級標籤, 不少於80%, 或如取得第三或第四級標籤, 不少於78%, 則該表列型號的流明維持率會被接受為符合規定。

B2. 表列的數值經四捨五入方式顯示。

Note: B1. The lumen maintenance of a listed model of compact fluorescent lamp will be accepted as conformance if the test results meet the following criteria as stipulated in clause 9.11 of the Code of Practice on Energy Labelling of Products 2014, i.e. the average of the tested lumen maintenance at 2,000 hours being not less than the rated lumen maintenance, and being not less than 80% for a Grade 1 or 2 label or 78% for a Grade 3 or Grade 4 label.

B2. All values are rounded figures.