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(緊凑型熒光燈) - 2026年
Results of Compliance Monitoring Tests on Energy Performance under Mandatory Energy Efficiency Labelling Scheme (MEELS) (Compact Fluorescent Lamps) - Year 2026

(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 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: 2026年09月 Test Results Release Date: September 2026											
1	陽光 SUNSHINE	S-16A 12W E14 2700K	U2-L090056	4	12	684	11.26	662.19	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 2020（守則）第9.11段），則該表列型號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（光通量）的平均值不低於額定流明輸出量（光通量）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較該級別為佳；或

(ii) 如在監察測試中所計算出的能源效益級別，如因為電燈發光效率的減少，而導致不等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較該級別為差，則在監測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。
(註：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，如欲了解詳細的計算方法，可參閱守則第 9.5 段)。

A2. 表列的數值經四捨五入方式顯示。

Note:

A1. A listed model of compact fluorescent lamp will be accepted as conformance if the test results of the listed model meet the following criteria (clause 9.11 of the Code of Practice on Energy Labelling of Products 2020):

(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 (luminous flux) at the end of 100-hour ageing period being not less than 90% of the rated lumen output (luminous flux); 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 the 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 EMSD due to decrease in lamp luminous efficacy, the tested 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. Please refer to clause 9.5 of the Code 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: 2026年09月 Test Results Release Date: September 2026							
1	陽光 SUNSHINE	S-24A 23W B22 2700K	U2-L090042	80	91.55	是 Yes	
2	陽光 SUNSHINE	S-16A 12W E14 2700K	U2-L090056	80	86.90	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2020（守則）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。

B3. 該型號在首次測試中部份項目未能符合要求後，在進一步的測試中所得出的測試結果。

Note:

B1. The lumen maintenance of a listed model of compact fluorescent lamp will be accepted as conformance if the test results of the listed model meet the following criteria as stipulated in clause 9.11 of the Code of Practice on Energy Labelling of Products 2020 (the Code), i.e. the average of the tested lumen maintenances 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.

B3. Results of further testing conducted after failure of the product to pass some of the items in the first test.

(C) **測試出的平均壽命**

Measured Average Life

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	**額定平均壽命(小時)** Rated Average Life (Hours)	**測試出的平均壽命(小時)** Average Life (Hours)	**是否符合強制性標籤計劃的要求**? 註C1 Conformance with MEELS Requirements? Note C1 50%**燈失效時的壽命** Life to 50% failure	**備註** Remark
測試結果發放日期: **2026年11月** Test Results Release Date: November 2026							
1	陽光 SUNSHINE	S-16A 12W E14 6400K	U2-L090055	8000	3420	否 No	不符合要求項目-註C1；參考編號已被刪除-註C3 Non-compliance item - Note C1; reference number removed - Note C3 註C2 Note C2
2	陽光 SUNSHINE	S-24A 23W B22 2700K	U2-L090042	8000	5466	否 No	不符合要求項目-註C1；參考編號已被刪除-註C3 Non-compliance item - Note C1; reference number removed - Note C3

註:

C1. 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2020（守則）第9.11段及第9.13段的要求，即所測試出的50%燈失效時的壽命(平均壽命)不少於額定50%燈失效時的壽命(額定平均壽命)，及如取得第1或第2級標籤，不少於8,000小時，或如取得第3或第4級標籤，不少於6,000小時，則該表列型號的 50%燈失效時的壽命(平均壽命)會被接受為符合規定。該表列型號獲編配第3或第4級標籤。

C2. 該型號在首次測試中部份項目未能符合要求後，在進一步的測試中所得出的測試結果。

C3. 根據《能源效益（產品標籤）條例》（第598章）第17條，此產品型號的參考編號已從表列型號的紀錄冊上被刪除。因此，此產品型號不得在本港供應。

Note:

C1. The tested life to 50% failures (average life) 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 and clause 9.13 of the Code of Practice on Energy Labelling of Products 2020 (the Code), i.e. the tested life to 50% failures (average life) being not less than the rated life to 50% failures (rated average life) and being not less than 8,000 hours for a Grade 1 or Grade 2 label or 6,000 hours for a Grade 3 or Grade 4 label. The tested listed model is a Grade 3 or Grade 4 product.

C2. Results of further testing conducted after failure of the product to pass some of the items in the first test.

C3. Under section 17 of the Energy Efficiency (Labelling of Products) Ordinance Cap. 598, the reference number of the model has been removed from the record of listed models. As a result, this model is not allowed to be supplied in Hong Kong.