

تعميم

اعتباراً من يوم الخميس الموافق 2016/06/02 م، على جميع المستوردين/المخلصين عند الرغبة باستيراد شحنات مصابيح إنارة خاضعة لقرار وزارة الصناعة والتجارة رقم 3 لسنة 2015 بشأن اعتماد لائحة مصابيح الإنارة المنزلية غير الموجهة والذي بدأ تطبيقه منذ سبتمبر 2015م، تقديم طلب الترخيص قبل تسجيل البيان الجمركي (LICENSE) عن طريق نظام أفق مرفقاً بنسخ من المستندات أدناه، وللمزيد من المعلومات حول المنتجات المشمولة بهذا القرار، يرجى الاطلاع على المرفقات.

It is notified to all local vendors/clearing agents that lamp regulation (Regulation for Non-Directional Household Lamps – Ministry of Industry & Commerce Order no. 3/2015) has been enforced since September 2015 for import of certain lamps. Effective Thursday June 02nd, 2016, all vendors must apply through customs OFOQ system before placing the order/importing them in Bahrain. Following documents are required to be uploaded through OFOQ. Please refer to attached documents for details of lamps included in the regulation.

1. If the lamp model was already registered with Electricity & Water Authority, Kingdom of Bahrain (EWA):

- Valid Certificate of Product Registration issued by EWA for the lamp

2. If the Lamp / model was not previously registered with Electricity & Water Authority, Kingdom of Bahrain (EWA):

Following documents must be uploaded through OFOQ for registration:

- Registration Form complete in all respect. Last page to be signed & stamped
- Authorization letter from the manufacturer / regional distributor.
- Details of lamp in excel format.
- Lamp catalogue, data sheet, brochure etc.

- Performance test certificates (IEC 60969 for CFL lamp, IEC / PAS 62612 for LED lamp & IEC 60064 for tungsten lamps) of the lamp issued by an accredited test lab as per ISO/IEC 17025. The in-house test lab should be ISO 17025 accredited & accreditation authority should be an ILAC member. Third party test lab should be ISO 17025 accredited & an ILAC member.
- Valid Commercial Registration Certificate (CR).

علماً بأن رمز هيئة الكهرباء والماء (EWA) على نظام أفق هو 4500

للاستفسار حول برنامج أفق:

الاتصال بالفريق الوطني (أفق) 17359742–17359829

أو البريد الإلكتروني: ofogsupport@customs.gov.bh

للاستفسار حول تسجيل المنتجات لدى هيئة الكهرباء والماء:

الاتصال بقسم ترشيد الكهرباء: 17991472–17991462

أو البريد الإلكتروني: ECS@ewa.bh

Applicable HS Code for lamps		
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1	85392100	Tungsten halogen filament lamps, excluding ultra-violet or infra-red lamps.
2	85392200	Filament lamp of power not exceeding 200W and for voltage exceeding 100V excluding ultra-violet or infra-red lamps.
3	85392900	Other filament lamps excluding ultra-violet or infra-red lamps.
4	85393100	Fluorescent discharge lamps, hot cathode type other than ultra-violet or infra-red lamps.

Type of lamps covered under Phase Out Regulations

Incandescent Lamp

These lamps are mostly available in 25 watt, 40 watt, 60 watt & 100 watt range. They have transparent / milky white / colored outer glass cover. 150 watt & 200 watt lamps are also available. Different shapes of lamps are given below.



Halogen Incandescent Lamp

This is energy efficient incandescent halogen lamp with additional small glass enclosure for filament in halogen gas.



Halogen Lamp / Flood lights

These lamps are mostly high wattage halogen tubular lamps used mostly for outdoor use in flood light fittings. Available in following shapes & in different wattage of 150, 200, 250, 300, 500, 1000 & 1500 watt etc.



Compact Fluorescent Lamps (CFLs)

CFL lamps are available in various wattages and shapes as given below and are available from 3 watt to 26 watt in different wattage. Higher wattage CFL and in other shapes such as flower etc. are also available.





LED Lamps

LED lamps are available in different shapes & sizes. Most popular shapes & sizes are given below. Available from 3 watt onwards in various wattages say 3w, 5w, 7w, 9w, 10w, 13w, 14/16/20 w & upwards.



The Regulations do not include the following;

- a. Directional lamps. (Halogen & LED Spotlights)
- b. Fluorescent lamps without integrated ballast. (Tube light 2ft., tube light 4 ft., other tube lights etc. without ballast)
- c. High-intensity discharge lamps such as mercury vapor, sodium vapor, metal halide & other discharge lamps.
- d. Incandescent lamps with a rated voltage equal to or below 60 volts and without integrated transformer with E14/E27/B22/B15 caps.
- e. Lamps having a luminous flux below 60 lumens or above 12,000 lumens.
- f. lamps having the following chromaticity coordinates x and y:
 - a. $x < 0.200$ or $x > 0.600$
 - b. $y < -2.3172x^2 + 2.3653x - 0.2800$ or $y > -2.3172x^2 + 2.3653x - 0.1000$

Lamp fittings without lamps are not covered under regulations. However lamps are covered under regulations if they meet any of the above criteria.

طلب تسجيل منتج - لائحة المصابيح الغير موجهة
Registration of Non-Directional Household Lamps
(Under "Regulation for Non Directional Household Lamps", Order No. 3 of Year 2015)

CFL ☐

LED ☐

☐ Other

(Tick v the applicable lamp)

1. Lamp Details (Provide more details in lamp functionality compliance form)

Nominal Lamp Power (Watt)	
Nominal Luminous flux (lm)	
Correlated color temperature (CCT)	
Nominal Lamp Life (Hours)	
Type of lamp base (BC / SC)	
Brand	
Lamp Model	
Lamp Code	
Expected quantity of import per year	

2. Applicant Details

Applicant Details	Name of Establishment:	
	Address:	
	Contact Person:	
	Designation:	
	E-mail:	
	Tel:	Fax:
Manufacturer Details	Name of Manufacturer:	
	Country of Manufacture:	
	Address:	
	Contact Person:	
	Designation:	
	E-mail:	
	Website:	
	Tel:	Fax:

3. Applicant's Undertaking and Commitments

- 3.1 The Applicant hereby agrees to comply with the requirements of the "Regulation for Non-directional Household Lamps", Order No. 3 of Year 2015.
- 3.2 The Applicant, upon approval of lamp, undertakes to exert all effort to ensure that the approved lamp remains in compliance with all clauses of the applicable regulations and complies with its functionality requirement.
- 3.3 The Applicant hereby undertakes to extend full cooperation to relevant authorities, provide any information related to the lamp as requested in the regulations and allow authorized persons to carry inspection and sampling.
- 3.4 EWA reserves the right to withdraw its registration / approval of the lamp if it is found that the applicant has violated the conditions of the regulation.

Authorized Signature & Stamp	Signature:
	Name:
	Designation:
	Date:

4. Official Approval

Date Approved	
Authorized Signature and Stamp	
Remarks	

Required Documents:

Following documents must be submitted with the application form for the registration of the lamp. Non-submittal of documents will lead to rejection of application. Form and documents may be submitted to the indicated addresses:

By mail:	By hand:
Electrical Product Registration	EWA Customer Care Building
Electricity & Water Conservation Directorate	Mezzanine Floor
Electricity & Water Authority	UAH
P. O. Box 2	T. 17991468
Kingdom of Bahrain	
By Email: ECS@EWA.bh	

1. **Authorization letter** from manufacturer / regional distributor confirming that applicant is authorized to store / sell the product in the Bahrain market. (If the applicant is not the manufacturer of the lamp)
2. **“Efficacy & Functionality Requirements”** Form duly filled for applicable type of lamp {CFL} / {LED Lamp} / {Other Lamp excluding CFL & LED Lamp}.
3. **Lamp catalogues, data sheet, brochures and colored photograph(s)** from manufacturer / regional distributor giving complete lamp details & specifications as indicated in regulations.
4. **Performance test certificates** in respect of compliance to all functionality requirements - “Laboratory Facility Must be accredited as per ISO/ IEC17025 or ELI certified test laboratory.”
5. Copy of company **Registration Certificate (CR)**.

Compact Fluorescent lamps (Efficacy & Functionality requirements) (As per Regulations for Non-directional Household Lamps, Order No 3 of Year 2015)								
Sl. No.	Functionality Parameter	Requirement as per Regulations	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
1	Lamp Type (CFL/LED /Other)	CFL						
2	Nominal Lamp Power (Watt)	Entered data should fall with in formula. ($\leq 0.24V\Phi + 0.0103\Phi$)						
3	Nominal Luminous flux (lm)							
4	Correlated color temperature(CCT)							
5	Nominal Lamp Life (Hours)							
6	Type of lamp base							
7	Brand							
8	Lamp Model							
9	Lamp Code							
10	Expected quantity of import per year							
11	Importer / Vendor							
12	Manufacturer							
13	Country of manufacture							
14	Lamp survival factor at 6000 h	≥ 0.70						
15	Lumen maintenance							
	At 2000h	$\geq 88\%$						
	At 2000h for lamps with second envelope	$\geq 83\%$						
	At 6000h	$\geq 70\%$						
16	Number of switching cycles before failure	\geq Lamp lifetime expressed in hours						
	If lamp starting time > 0.3s	$\geq 30,000$						
17	Starting time							
	If P < 10 W	< 1.5s						
	If P \geq 10 W	< 1.0s						
18	Lamp warm-up time to 60% Φ (luminous flux)	< 40s						
	Lamp warm-up time to 60% Φ (luminous flux) for lamp containing mercury in amalgam form	< 100s						
19	Premature failure rate	$\leq 2.0\%$ at 400h						
20	UVA + UVB radiation	≤ 2.0 mW/klm						
21	UVC radiation	≤ 0.01 mW/klm						
22	Lamp power factor							
	If P < 25 W	≥ 0.55						
	If P \geq 25 W	≥ 0.90						
23	Colour rendering (Ra)	≥ 80						
24	Product Information Requirements on the packaging. (Refer Section 6 of the Regulation)	As specified (Yes/No)						
25	Compliance to lamp Wattage requirement - if equivalence with an incandescent lamp is claimed on the packaging. (Refer Section 6j of the Regulation)	As specified (Yes/No)						
26	Submission of test certificates from an accredited test lab for compliance to all functionality requirements.	As specified (Yes/No)						
27	Mercury limit							
	≥ 30 W and < 150 W	5.0 mg						
	< 30 W	2.5 mg						
28	< 30 W with long lifetime (>15 hrs)	3.5 mg						
	Sample submission	Yes / No						

Non-directional LED lamps (Efficacy & Functionality requirements) (As per Regulations for Non-directional Household Lamps, Order No 3 of Year 2015)								
Sl. No.	Functionality Parameter	Requirement as per Regulations	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
1	Lamp Type (CFL/LED /Other)	LED						
2	Nominal Lamp Power (Watt)	Entered data should fall with in formula. ($\leq 0.24V\Phi + 0.0103\Phi$)						
3	Nominal Luminous flux (lm)							
4	Correlated color temperature(CCT)							
5	Nominal Lamp Life (Hours)							
6	Type of lamp base							
7	Brand							
8	Lamp Model							
9	Lamp Code							
10	Expected quantity of import per year							
11	Importer / Vendor							
12	Manufacturer							
13	Country of manufacture							
14	Lamp survival factor at 6000h	≥ 0.90						
15	Lumen maintenance factor at 6000h	≥ 0.80						
16	Number of switching cycles before failure							
	If rated lamp life $\geq 30,000h$	$\geq 15,000$						
	If rated lamp life $< 30,000h$	Half the rated lamp life expressed in hours						
17	Starting time	$< 0.5s$						
18	Lamp warm up time to 95% Φ (luminous flux)	$< 2.0s$						
19	Premature failure rate	$\leq 5.0\%$ at 1000h						
20	Colour rendering (Ra)	≥ 80						
	Colour rendering for outdoor or industrial applications	≥ 65						
21	Colour consistency (Variation of chromaticity coordinates within a six-step MacAdam ellipse or less.)							
22	Lamp power factor (P.F.) for lamps with integrated control gear							
	$P \leq 2W$	No requirement						
	$2W < P \leq 5W$	PF > 0.4						
	$5W < P \leq 25W$	PF > 0.5						
	$P > 25W$	PF > 0.9						
23	Compliance to lamp Wattage requirement - if equivalence with an incandescent lamp is claimed on the packaging.(Refer Section 6j of the Regulation)	As specified (Yes/No)						
24	Submission of test certificates from an accredited test lab for compliance to all functionality requirements.	As specified (Yes/No)						
25	Product Information Requirements on the packaging. (Refer Section 6 of the Regulation)	As specified (Yes/No)						
26	Sample submission	Yes / No						

Lamps excluding CFL & LED lamps								
(Efficacy & Functionality requirements)								
(As per Regulations for Non-directional Household Lamps, Order No 3 of Year 2015)								
Sl. No.	Functionality Parameter	Requirement as per Regulations	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
1	Lamp Type (CFL/LED /Other)	Other						
2	Nominal Lamp Power (Watt)	Entered data should fall with in formula. { $\leq 0.8 \times (0.88 \text{V}\Phi + 0.049\Phi)$ }						
3	Nominal Luminous flux (lm)							
4	Correlated color temperature(CCT)							
5	Nominal Lamp Life (Hours)	$\geq 2000\text{h}$						
6	Type of lamp base							
7	Brand							
8	Lamp Model							
9	Lamp Code							
10	Expected quantity of import per year							
11	Importer / Vendor							
12	Manufacturer							
13	Country of manufacture							
14	Lumen maintenance	$\geq 85\%$ at 75% of rated average lifetime						
15	Number of switching cycles before failure	(\geq Four times the rated lifetime expressed in hours.)						
16	Starting time	$< 0.2\text{s}$						
17	Lamp warm up time to 60% Φ (luminous flux)	$< 1.0\text{s}$						
18	Premature failure rate	$\leq 5.0\%$ at 200h						
19	Lamp power factor	≥ 0.95						
20	Product Information Requirements on the packaging. (Refer Section 6)	As specified (Yes/No)						
21	Compliance to lamp Wattage requirement - if equivalence with an incandescent lamp is claimed on the packaging. (Refer Section 6j)	As specified (Yes/No)						
22	Submission of test certificates from an accredited test lab for compliance to all functionality requirements.	As specified (Yes/No)						
23	Sample submission	Yes / No						