

<p><b>Dagangan</b> : LED LIGHT</p> <p>Nama Barangan : T8 LED Tube  Jenama : ERVAN  Model : T8-A18 dan L05G 1200mm</p>	<p><b>Kod Tarif (Perintah Duti Kastam 2012)</b> :</p> <p>9405.40 990</p> <p><b>Tarikh Kelulusan</b> : 16 Januari 2015</p>
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Produk ada dikenali sebagai T8 LED tube merupakan sejenis lampu LED ([light-emitting diode](#)) Lampu ini dari LED light yang dapat menjimatkan tenaga sehingga 70% tenaga elektrik berbanding dengan penggunaan lampu fluorescent tube yang biasa digunakan masakini dan jangka hayat penggunaan sehingga 50,000 jam.

Barangan adalah suatu electrical fitting yang lengkap.



Sejenis lampu LED yang diguna untuk membekalkan sumber cahaya. Lampu LED (light-emitting diode) menggunakan tenaga elektrik sebagai sumber tenaga bagi membekalkan system pencahayaan (lighting fixture) Oleh itu ia merupakan electric lamps.dan sesuai diperjeniskan di bawah tariff 9405.40

Disamping ianya mesra alam,penghasilan LED tube adalah environment friendly kerana proses penghasilan.tidak.melibatkan sebarang barangan beracun 'noxious substance' seperti penggunaan bahan logam mercury / raksa, phosphor atau lead

Barangan ini sesuai diperjeniskan di bawah kod tarif **9405.40.990 (PDK 2012)** sebagai '**Other electric lamps and lighting fittings :.Other** ' berdasarkan alasan-alasan berikut:

Barangan adalah sejenis lampu LED yang diguna untuk membekalkan sumber cahaya. Lampu LED (light-emitting diode) menggunakan tenaga elektrik sebagai sumber tenaga bagi membekalkan system pencahayaan (lighting fixture) Oleh itu ia merupakan electric lamps.dan sesuai diperjeniskan di bawah tariff 9405.40

**Light-emitting diod** *From Wikipedia, the free encyclopedia*

*A **light-emitting diode (LED)** is a two-lead [semiconductor light source](#). It is a basic [pn-junction diode](#), which emits light when activated.<sup>[7]</sup> When a fitting [voltage](#) is applied to the leads, [electrons](#) are able to recombine with [electron holes](#) within the device, releasing energy in the form of [photons](#). This effect is called [electroluminescence](#), and the color of the light (corresponding to the energy of the photon) is determined by the energy [band gap](#) of the semiconductor.*

*The LED consists of a chip of semiconducting material [doped](#) with impurities to create a [p-n junction](#). As in other diodes, current flows easily from the p-side, or [anode](#), to the n-side, or cathode, but not in the reverse direction. Charge-carriers—[electrons](#) and [holes](#)—flow into the junction from [electrodes](#) with different voltages. When an electron meets a hole, it falls into a lower [energy level](#) and releases [energy](#) in the form of a [photon](#).*

Barangan mendapat liputan dalam HS 2012 Explanatory Note mukasurat XX-9405-1 yang menjelaskan seperti berikut :

- Barangan adalah suatu electrical fitting yang lengkap.
- Barangan mendapat liputan di dalam EN HS 2012 muka surat XX-9405-1.

**(I) LAMPS AND LIGHTING FITTINGS, NOT  
ELSEWHERE SPECIFIED OR INCLUDED**

*Lamps and lighting fittings of this group can be constituted of any material (excluding those materials described in Note 1 to Chapter 71) and use any source of light (candles, oil, petrol, paraffin (or kerosene), gas, acetylene, electricity, etc.). Electrical lamps and lighting fittings of this heading may be equipped with lamp-holders, switches, flex and plugs, transformers, etc., or, as in the case of fluorescent strip fixtures, a starter or a ballast.*

*This heading covers in particular :*

*(1) Lamps and lighting fittings normally used for the illumination of rooms, e.g. : hanging lamps; bowl lamps; ceiling lamps; chandeliers; wall lamps; standard lamps; table lamps; bedside lamps; desk lamps; night lamps; water-tight lamps.*

*(2) Lamps for exterior lighting, e.g. : street lamps; porch and gate lamps; special illumination lamps for public buildings, monuments, parks.*

**94.05** - *Lamps and lighting fittings including searchlights and spotlights and parts thereof, not elsewhere specified or included; Illuminated signs, illuminated name-plates and the like, having permanently fixed light source, and parts thereof not elsewhere specified or included.*

*9405.10 - Chandeliers and other electric ceiling or wall lighting fittings, excluding those of a kind used for lighting public open spaces or thoroughfares*

*9405.20 - Electric table, desk, bedside or floor-standing lamps*

*9405.30 - Lighting sets of a kind used for Christmas trees*

**9405.40 - Other electric lamps and lighting fittings**