

Proposed draft to the minimum energy efficiency requirements for  
Incandescent lamps for general service

Effective date: 3 years after announcement.

Rated lamp wattage, P	Minimum lamp efficacy (lm/W)
25W    P < 40W	15.0
40W    P < 60W	18.0
60W    P < 100W	20.0
P    100W	22.0

Notes:

1. The above minimum energy efficiency requirements apply to products within the scope of CNS 298 “Incandescent lamp bulbs for general lighting service”, CNS 11006 “Small lamp bulbs for household use” and CNS 5513 “Traffic signal lamps”, with which rated lamp wattage equal to or higher than 25W.
2. The lamp efficacy (lm/W) is the ratio of lamp lumen output to the lamp power input. The testing method of lamp lumen output and lamp power input is specified in CNS 3891 “Method of test for incandescent lamps for general lighting service”, CNS 11006 “Small lamp bulbs for household use” and CNS 5513 “Traffic signal lamps”.
3. The calculated values of lamp efficacies shall not be less than the numbers in the above table and shall be greater than 95% of the marked values on products. The calculated lamp efficacy value is rounded to the first decimal place.