

***Hydro-Quebec comments on the Final Draft Version 4.1 ENERGY
STAR Specification for Residential Light Fixtures,
August 8, 2007***

POWER FACTOR > 0.5

I received the RLF V4 1 Spec Table 3 Final Draft related to the requirements to residential light fixture. Related to power quality, ENERGY STAR should take into account this aspect and :

- 1) The power factor should be greater than 0.9.
- 2) The Total Harmonic Distortion (THD) rate should be specified (probably less than 30 %)

Best Regards

André Laperrière, ing, M.Sc.A.
Expertise Utilisation de l'énergie

Laboratoire des technologies de l'énergie d'Hydro-Québec (LTE)
600, avenue de la Montagne
Shawinigan, QC, G9N 7N5