

Electric power in watts (W) to illuminance in lux (lx) calculator and how to calculate

Enter the power in watts, luminous efficacy in lumens per watt, surface area in square feet / meters or spherical radius in feet / meters and press the *Calculate* button to get the illuminance in lux.

Enter power in watts:

4000



W

Select light source

LED lamp



Or enter luminous efficacy in lumens per watt:

100



lm/W

Enter surface area:

6800



m²



Or enter spherical radius:

23.262132458



m



Calculate

Reset

Illuminance result in lux:

58.823529412

lx