

## USEFUL CONVERSION FACTORS

To convert from	to	Multiply by
Watt	Joule (J)/sec	1.0000
Watt	Btu/hour	3.4094
Watt	Horsepower	$1.3410 \times 10^{-3}$
kiloWatthour	Btu	3409.4
kiloWatthour /meter <sup>2</sup>	kiloJoule/meter <sup>2</sup>	3600.0
kiloWatthour /meter <sup>2</sup>	Btu/foot <sup>2</sup>	316.74
kiloWatthour /meter <sup>2</sup>	Langley	86.04
kiloWatthour /meter <sup>2</sup>	Calories/centimeter <sup>2</sup>	86.04
Joules (J)	Btu	$0.94706 \times 10^{-3}$
kiloJoule/meter <sup>2</sup>	kiloWatthour /meter <sup>2</sup>	$0.27778 \times 10^{-3}$
kiloJoule/meter <sup>2</sup>	Langley	0.023901
kiloJoule/meter <sup>2</sup>	Btu/foot <sup>2</sup>	0.087982
Btu/foot <sup>2</sup>	Langley	0.27144
Btu/foot <sup>2</sup>	kiloJoule/meter <sup>2</sup>	11.366
Btu/hour-foot <sup>2</sup>	Watt/meter <sup>2</sup>	3.1572
Foot-candles	Lux	10.76
Watts/meter <sup>2</sup> -C	Btu/hour-foot <sup>2</sup> -F	0.17611
meter	foot	3.2808
meter <sup>2</sup>	foot <sup>2</sup>	10.764
Liter(L)	foot <sup>3</sup>	0.035316
gallon	foot <sup>3</sup>	0.13368
Liter	gallon	0.26418
kilogram	lb	2.2046
kilogram/meter <sup>2</sup>	lb/in <sup>2</sup>	0.001422
meters/second	miles/hr	2.237

