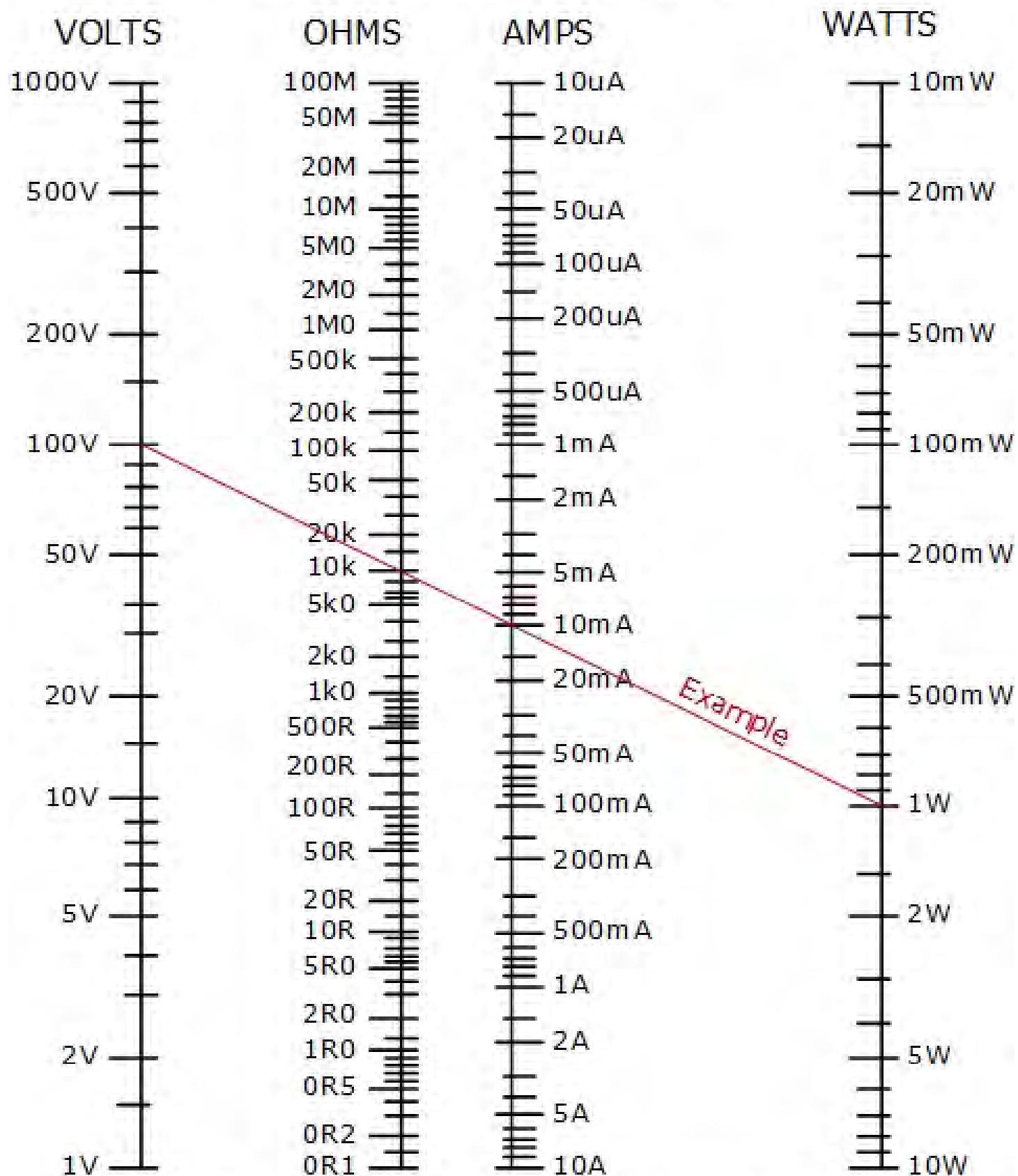


# Ohms Law and DC Power Nomograph

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Nomographs work by placing a straight edge across any two vertical columns at known points and then read off the two values where they intersect at the other two vertical columns as shown by the example.

$$P = U \cdot I; R = U/I$$



Example:

$$I = 2 \text{ [A]}$$

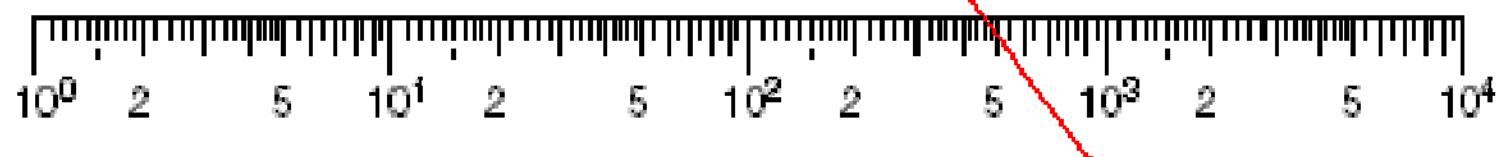
$$U = 230 \text{ [V]}$$

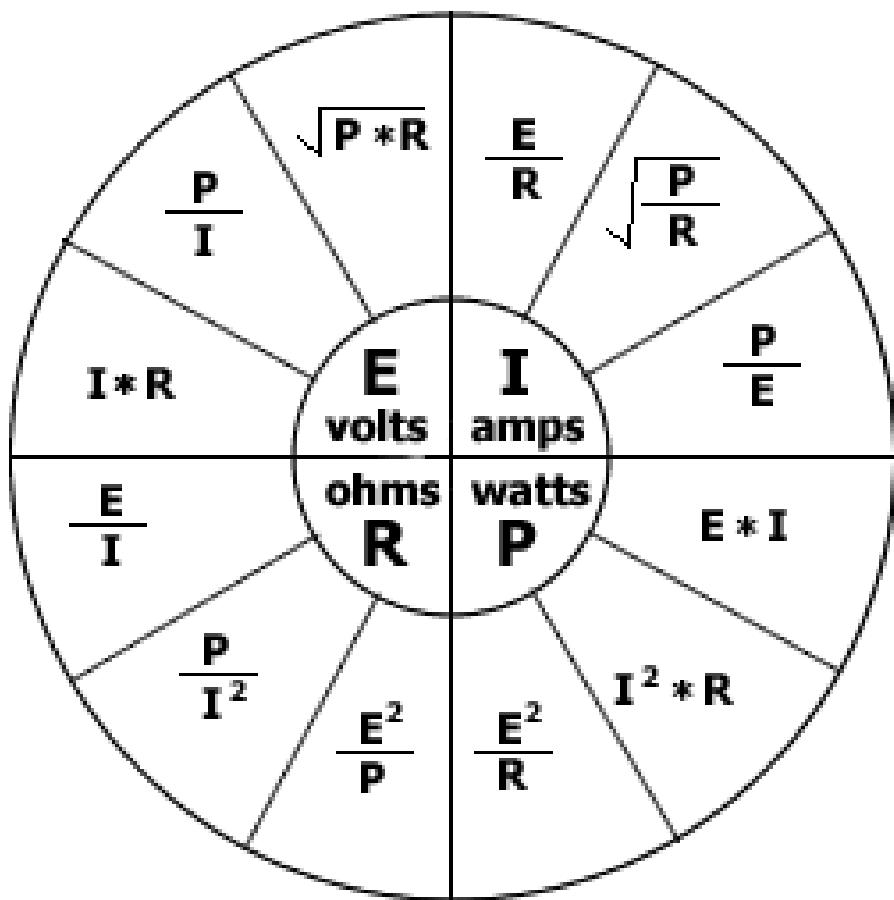
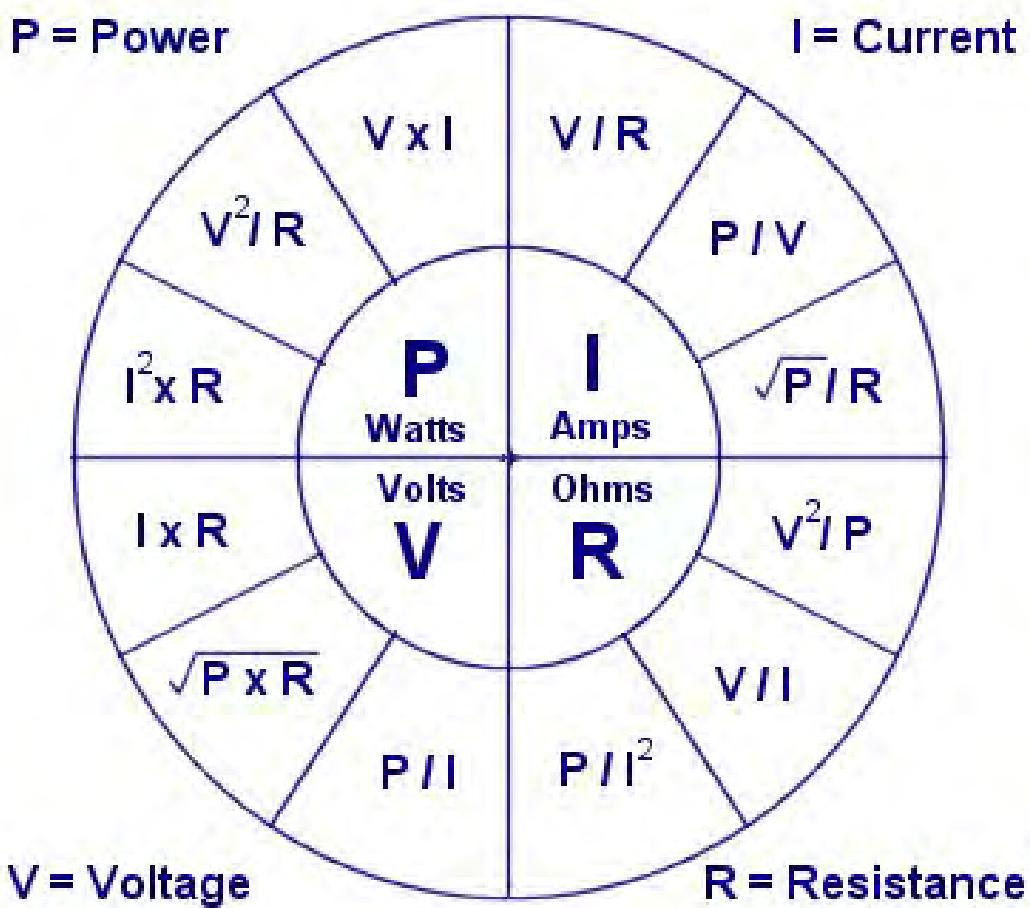
$\Rightarrow$

$$P = 460 \text{ [W]}$$

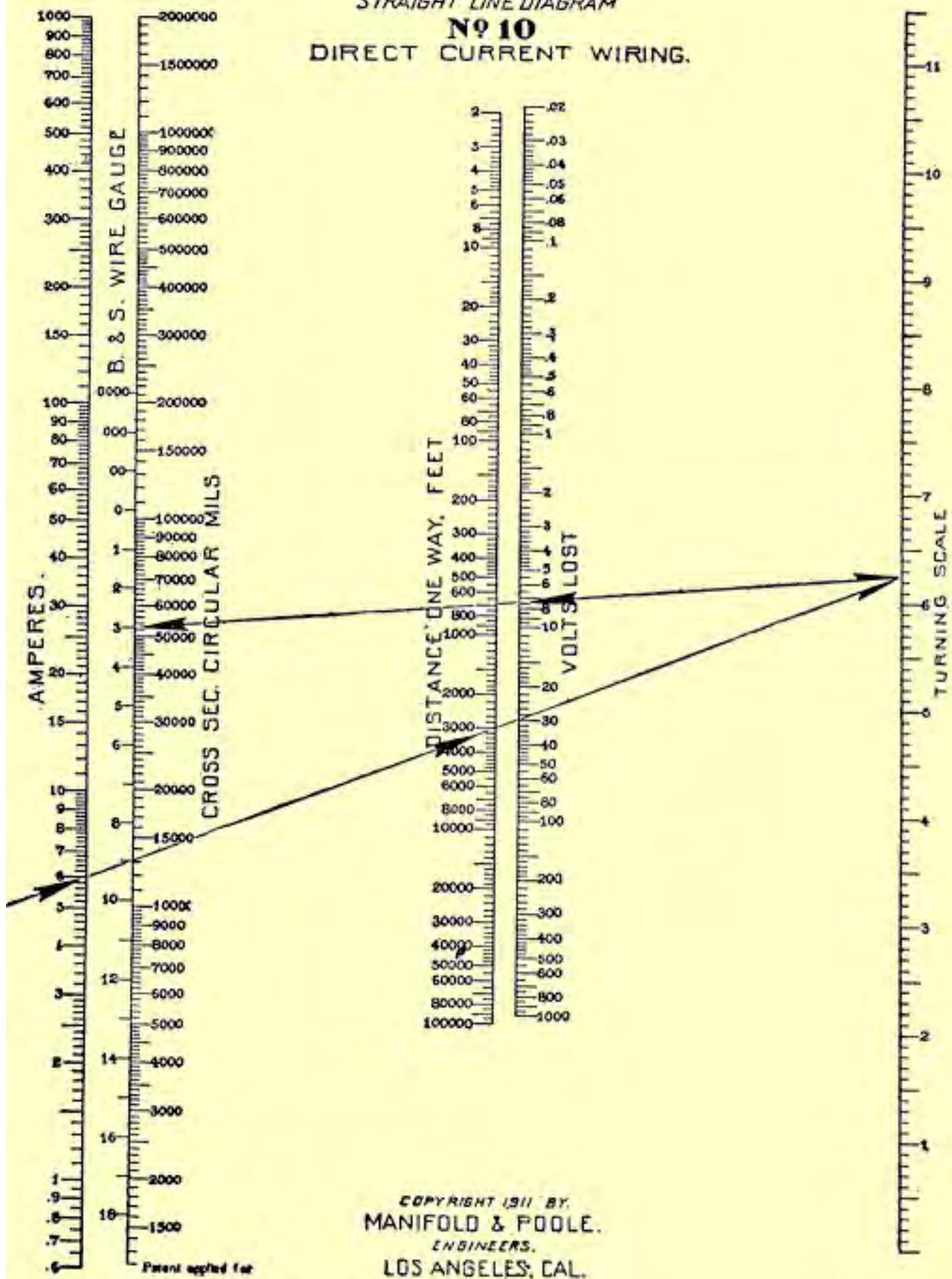
$$R = 115 \text{ [\Omega]}$$

$P$  [W] power





**STRAIGHT LINE DIAGRAM  
N<sup>o</sup> 10  
DIRECT CURRENT WIRING.**



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