

VOM PHOTO LIGHT METER

The beauty of this light meter is that it is almost perfectly linear over a wide range of light inputs. It provides you with the basic operation of a camera light meter and can be made to read directly in f-stops and shutter speed. Phototransistor Q1 senses the light level and passes that on to the 741 op amp where the small voltage is amplified. Meter M is any you currently have around the house, or any inexpensive meter you can buy. R1 provides a zero adjustment for the meter.

PARTS LIST FOR PHOTO LIGHT METER

- IC1—741 op amp
- Q1—FPT100 phototransistor
- R1—10,000-ohm, linear-taper potentiometer
- R2—10,000-ohm resistor
- R3—30,000-ohm resistor
- R4—100,000-ohm resistor
- R5—2,000-ohm resistor

