

Document Title: <b>Slick, AccuPar Lp-80 Ceptometer</b>		Part # and Rev. <b>18070</b>	
		Release Date:	
Rev.	Description	Revision By	Date
Date -- Time	Added description from other slicks	Allison	6/8/16

**Production Filename:**

[http://publications.decagon.com/Marketing/Description%20Files/18070\\_Slick\\_AccuParLP80.pdf](http://publications.decagon.com/Marketing/Description%20Files/18070_Slick_AccuParLP80.pdf)

**Dimensions:** 8.5 inches wide, 11 inches tall

**Material:** Pegasus regular

**Colors:** 4:0

**Finish:** Trim to size

**Special Notes:**

Illustrations are Ref Only \*\* Not to Scale \*\*



*At a glance*

**AccuPar  
LP-80 Ceptometer**

The AccuPAR model LP-80 is a menu-driven, battery-operated linear PAR ceptometer, used to measure light interception in plant & forest canopies, and to calculate Leaf Area Index (LAI). It consists of an integrated microprocessor driven datalogger and probe. The probe contains 80 independent sensors, spaced 1 cm apart. The photosensors measure PAR (Photosynthetically Active Radiation) in the 400-700nm waveband. The AccuPAR is lightweight, self-contained, and perfect for non-destructive, real-time measurements of PAR and LAI.

**Specifications**

PAR range: 0 > 2,500  $\mu\text{mol m}^{-2}\text{s}^{-1}$   
Resolution: 1  $\mu\text{mol m}^{-2}\text{s}^{-1}$   
Operating environment: 0-50° C (32-122° F) 0-100% RH  
Probe length: 86.5 cm (34.05 in)  
Number of sensors: 80  
Overall length: 102 cm (40.25 in)  
Microcontroller dimensions: 15.8 x 9.5 x 3.3 cm (6.2 x 3.75 x 1.3 in)  
Minimum spatial resolution: 1 cm  
Data storage capacity: 1 MB Flash  
Unattended logging interval: User selectable, between 1 and 60 minutes  
Instrument weight (w/ batteries): 0.55 kg (1.21 lbs)  
Data retrieval: direct via RS-232  
Interface cable: RS-232 cable (included)  
Software: LP-80 Utility Program (included)  
Power: Four type "AAA" batteries (included)  
External PAR sensor connector: Locking 5-pin sealed circular connector

More info: [www.decagon.com/LP80](http://www.decagon.com/LP80)

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