Document	Description,	Part # and Rev. 13385	
	AN, Measuring X value	Release Date: 1-12-07	
Rev.	Description	Revision By	Date

Production Filename: 13385 (In Product Library)

Path to Working Files: DecaDoc\Application Notes\Master

Dimensions: 8.5 inch wide, 11 inch tall

Material: Paper, 92 Bright White or better, 75g/m² or heavier

Colors: Color Print on White

Printer: HP Color LaserJet 8550-PS

Finish: None

Adhesive: None

Special Notes: Illustrations are Ref Only ** Not to Scale ** (Page 1 of 2)

Measuring The LP80 makes fast, direct measurements of photosynthesically active radiation in canaptics. You get instant PAR measurements when you rent it on. You allo get a measurement of kaf area index – LAL. But where dest this LAI measurement come from, and how accurate is it? Leaf area index is the one-ided green kef area of a canopy or plant community per unit ground area. To directly measure LAL you would have to measure the area of each kef in the canopy above a unit of ground area. Because this method is hoth destructive and incerdibly time
photosynthetically active radiation in canopies. You get instant PAR measurements when you turn it on. You also get a measurement of kaf area index – LAI. But where does this LAI measurement come from, and how accurate is it? Leaf area index is the one-sided green kef area of a canopy or plant community per unit ground area. To directly measure LAI, you would have to measure the area of each kef in the canopy above a unit of ground area. Because this
memo in both defutures and increasing time community, its introly used. All other measurements of feal area index, from hemispherical photos to optical area index, from hemispherical photos to optical area index. All ty measuring photosymbicially active radiation and converting, that PAR value into kal area index. The LPR0 news neveral variables to compute leaf area index (see Mer the LPR0 Measurer Leaf Area Index in the 2005 issue of Canopy News from themational converting, its index leaves in the compy. WHAT IS χ ? χ is the "canopy angle distribution parameter." It describes the architecture of a canopy -how is been and original photosymptotic parameter." It describes the architecture of a canopy -how is been and original photosymptotic parameter. "It describes the architecture of a canopy -how is been and original distribution parameter." It describes the architecture of a canopy -how is been and original distribution parameter. "It describes the architecture of a sphere. A canopy with spherical distribution, meaning that if each kaf in the canopy were carefully moved without changing its orientation, the large has a χ value of 1. Many canopy architectures that be more intypes how patholized χ value, it's important to be able to approximate the value for yourself.