

### STABLE STAND FOR SCANNING BEAM



Beam Distance



Peak Beam Intensity



### SPATIALLY UNIFORM INTEGRATING HEMISPHERE



Luminous Flux

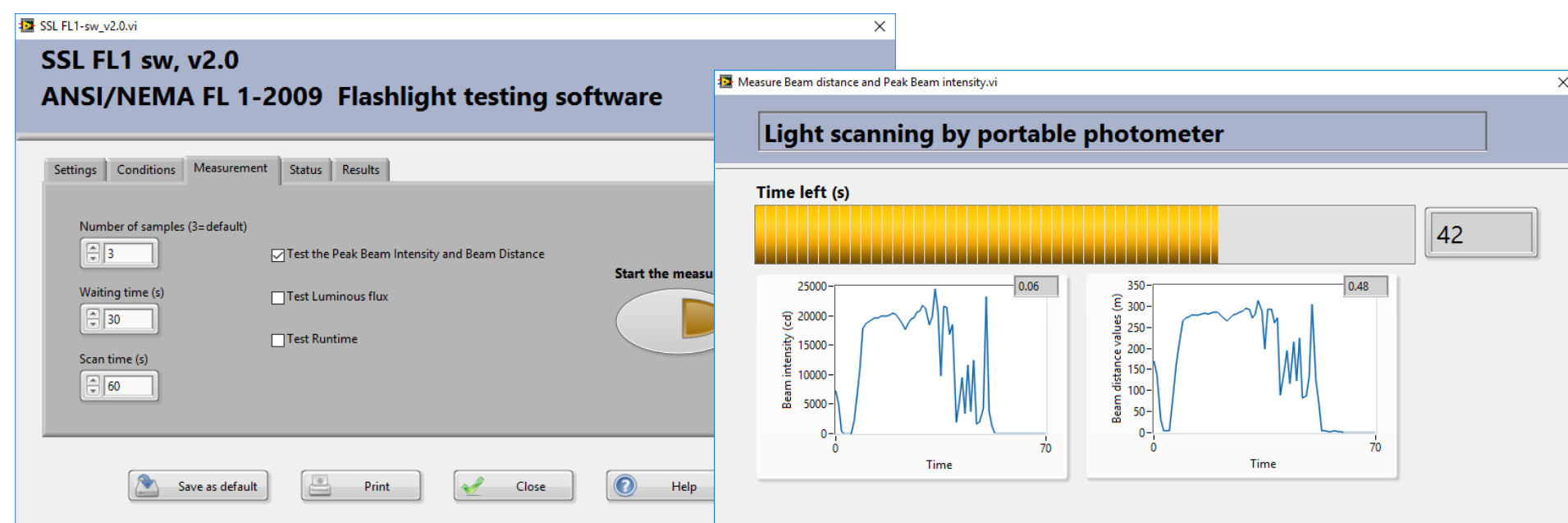


Runtime



### FAST, ACCURATE AND EASY TO USE

- Reproducible light output measurements of varying beam flashlights with our unique baffle-free integrating hemisphere
- User-friendly and straightforward tests of Peak Beam Intensity and Beam Distance
- The test system fulfills the requirements of the ANSI/NEMA FL 1-2009 standard



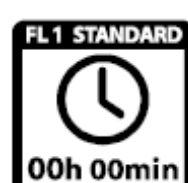
### OTHER TEST PARAMETERS

- Color (CCT, CRI), Color coordinates, Total spectral radiant flux

### ORDERING INFORMATION

#### Base package

SSL HS-500 - Integrating hemisphere 500mm with high-refeective BaSO<sub>4</sub> coating equipped by an aux lamp. Size (W x D x H): 58cm x 51cm x 68cm, 18kg.



- Sample holder: flashlight mounting by squeezing onto the narrow grooves (2 pcs, 2 different sizes)

- Spectrometer for visible range 380-760nm with 10nm resolution

- SSL IS-sw, software of integrating hemisphere

SSL FL-stand - Stable stand for searching Peak beam intensity and Beam distance. Includes a Al-plate covered by a black fabric for smooth movement of a portable photometer.



- Photometer L-40.1 with 100 mm<sup>2</sup> entrance aperture.

- SSL FL1-sw v2.0, software for measurements and reporting of flashlight photometric performance according to NEMA FL1

#### Power meter and power sources

SSL-DC sw DC power control software: Automatic control and measurement of input power together with the light output measurement

SSL-DC-750 TDK GEN 750W DC power supply

#### Options

SSL HS-OPxx Custom-defined aperture reducer for sample port. The diameter xx will be <100 mm.

#### Others

SSL-service System first installation and basic training including 2-3 example measurements on customer site (1 days)

SSL-computer Measurement computer with needed communication cards and installation work (drivers and software)

