



LED / FluxGage – Different models

Bram Meulblok



FluxGage – 600 Standard model



Output capabilities:

- Data logger function
- Export function
- Report generator

The standard model

Maximum luminaire size:

640mmx480mm

Total luminous flux range:

500lm-40,000lm

Spectral range:

400nm-800nm

Measurement capabilities:

- Total luminous flux (lm)
- Illuminance (lux)
- Spectrum
- Chromaticity (x,y), Duv
- CCT
- CRI-15
- TM30, Rf, Rg, color vector, color distortion
- Flicker, flicker %, flicker index
- PAR measurements (in 3 different nm-ranges)

FluxGage – 600/100LM Low flux model



Output capabilities:

- Data logger function
- Export function
- Report generator

The low flux model

Maximum luminaire size:

640mmx480mm

Total luminous flux range:

100lm-5,000lm

Spectral range:

400nm-800nm

Measurement capabilities:

- Total luminous flux (lm)
- Illuminance (lux)
- Spectrum
- Chromaticity (x,y), Duv
- CCT
- CRI-15
- TM30, Rf, Rg, color vector, color distortion
- Flicker, flicker %, flicker index
- PAR measurements (in 3 different nm-ranges)

FluxGage – 600/100LM-HR High resolution model



Output capabilities:

- Data logger function
- Export function
- Report generator

The high resolution model

Maximum luminaire size:

640mmx480mm

Total luminous flux range:

20lm-5,000lm

Spectral range:

400nm-800nm

Measurement capabilities:

- Total luminous flux (lm)
- Illuminance (lux)
- Spectrum
- Chromaticity (x,y), Duv
- CCT
- CRI-15
- TM30, Rf, Rg, color vector, color distortion
- Flicker, flicker %, flicker index
- PAR measurements (in 3 different nm-ranges)
- **Shorter measurement time (especially at low flux)**
- **More stable measurements at lower flux**

FluxGage – 604 RGB model



Output capabilities:

- Data logger function
- Export function
- Report generator

The RGB model

Maximum luminaire size:

640mmx480mm

Total luminous flux range:

500lm-40,000lm

Spectral range:

400nm-800nm

Measurement capabilities:

- Total luminous flux (lm)
- Illuminance (lux)
- Spectrum
- Chromaticity (x,y), Duv
- CCT
- CRI-15
- TM30, Rf, Rg, color vector, color distortion
- Flicker, flicker %, flicker index
- PAR measurements (in 3 different nm-ranges)
- **4 Additional measurement points for**
 - **Chromaticity (x,y), Duv**
 - **CCT**
 - **Lux (in software update)**

FluxGage – 1500 Large model



The large model

Maximum luminaire size:

1445mmx640mm

Total luminous flux range:

500lm-80,000lm

Spectral range:

400nm-800nm

Measurement capabilities:

- Total luminous flux (lm)
- Illuminance (lux)
- Spectrum
- Chromaticity (x,y), Duv
- CCT
- CRI-15
- TM30, Rf, Rg, color vector, color distortion
- Flicker, flicker %, flicker index
- PAR measurements (in 3 different nm-ranges)

Output capabilities:

- Data logger function
- Export function
- Report generator