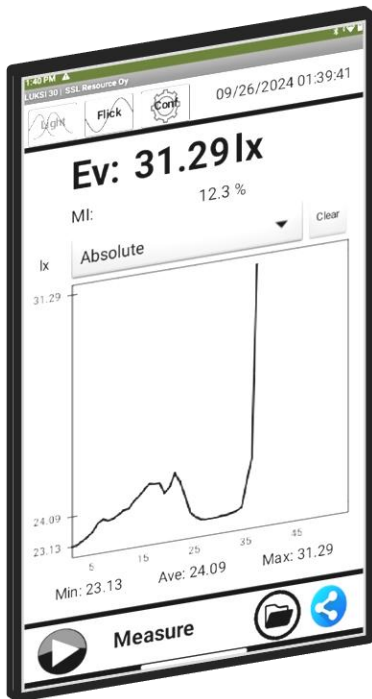


SSL LUKSI 30 Hand-held Luxmeter

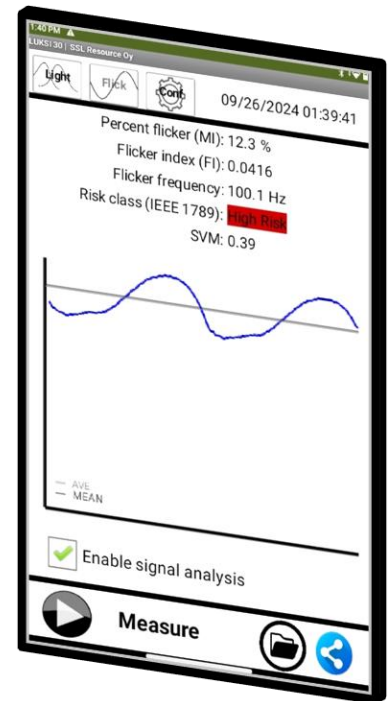
Portable light meter for measuring temporal behavior of light intensity



Light tab



➤ Measurement through Bluetooth using Android app



Flicker tab

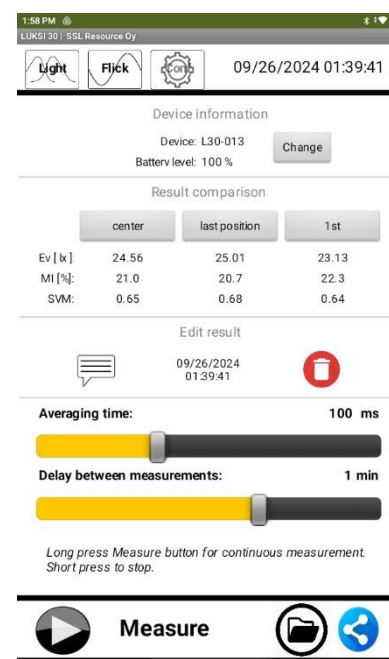
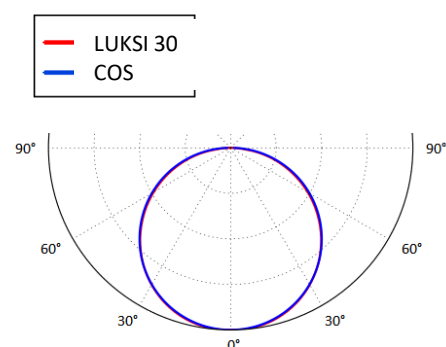
Measurement parameter	LUKSI 30	LUKSI 30 + LTA.FL sw	LUKSI 30 + LTA.EI sw	LUKSI 30 + LTA.PRO sw
Illuminance Ev (lx) / Luminous Intensity (cd)	✓	✓	✓	✓
Effective Intensity (cd)			✓	✓
Flicker Index FI	✓	✓	✓	✓
Percent Flicker MI (%)	✓	✓	✓	✓
Flicker Frequency (Hz)	✓	✓	✓	✓
Stroboscopic Visual Measure SVM	✓	✓	✓	✓
Short-term Perceptibility Light Modulation P_{st}^{LM}		✓		✓

SSL LUKSI 30

Class C Luxmeter

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MODEL NAME	LUKSI 30 C2	LUKSI 30 C6	LUKSI 30 C10
DEVICE CODE	L-30.2-f10	L-30.6-f10	L-30.10-f10
Measurement range	5 – 1 000 000 lx	1 – 200 000 lx	0.3 – 60 000 lx
Signal bandwidth	4 kHz		
Sampling rate	20 kHz		
Data communication	USB, BT		
Battery	1 150mAh		
Data storage capacity	1E+8 samples		
Measuring head	PTFE diffuser (diam. 20mm) with $V(\lambda)$ filter		
Data readout	Bluetooth (Android app), USB 2.0 (Optional: PC software)		
Spectral quality factor f_1'	10 %	10 %	10 %
UV response u	0.1 %	0.1 %	0.1 %
IR response r	2.6 %	0.2 %	0.2 %
Directional response f_2	2 %	2 %	2 %
Linearity response f_3	0.2 %		
Display unit f_4	0.2 %		
Fatigue response f_5	0.2 %		
Temperature response f_6			
Lower freq. limit for f_7	10 Hz ($f_7 : 5\%$)		
Upper freq. limit for f_7	20 kHz ($f_7 : 5\%$)		
Modulated light f_7	0.1 %		
Spatial response f_9	38 %	12 %	8%
Range change f_{11}	0.1 %		
Dimensions	118mm x 78mm x 42mm, 220 g		

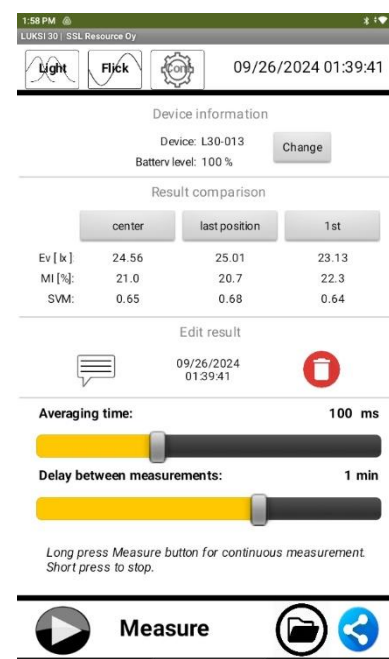
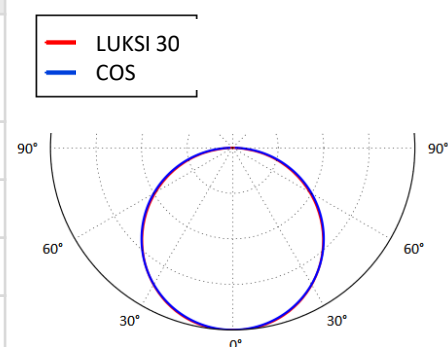


SSL LUKSI 30

Class B Luxmeters

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MODEL NAME	LUKSI 30 B3	LUKSI 30 B6	LUKSI 30 B10
DEVICE CODE	L-30.3-f5	L-30.6-f5	L-30.10-f5
Measurement range	5 – 1 000 000 lx	1 – 200 000 lx	0.3 – 60 000 lx
Signal bandwidth	4 kHz		
Sampling rate	20 kHz		
Data communication	USB, BT		
Battery	1150mAh		
Data storage capacity	1E+8 samples		
Measuring head	PMMA diffuser (diam. 20mm) with V(λ) filter		
Data readout	Bluetooth (Android app), USB 2.0 (Optional: PC software)		
Spectral quality factor f_1'	5 %		
UV response u	0.1 %		
IR response r	0.3 %		
Directional response f_2	2 %		
Linearity response f_3	0.2 %		
Display unit f_4	0.2 %		
Fatigue response f_5	0.2 %		
Temperature response f_6			
Lower freq. limit for f_7	10 Hz (f_7 : 5%)		
Upper freq. limit for f_7	20 kHz (f_7 : 5%)		
Modulated light f_7	0.1 %		
Spatial response f_9	36 %	12 %	8%
Range change f_{11}	0.1 %		
Dimensions	118mm x 78mm x 42mm, 220 g		



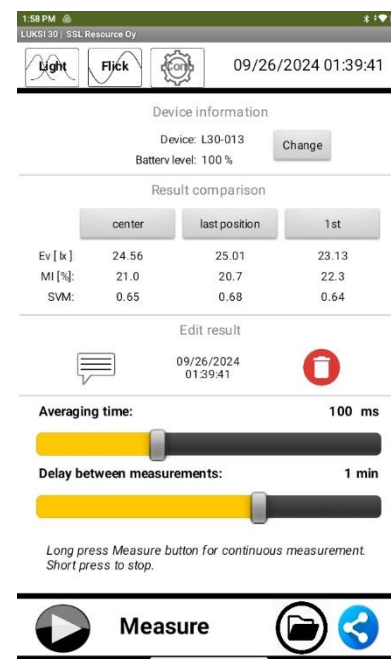
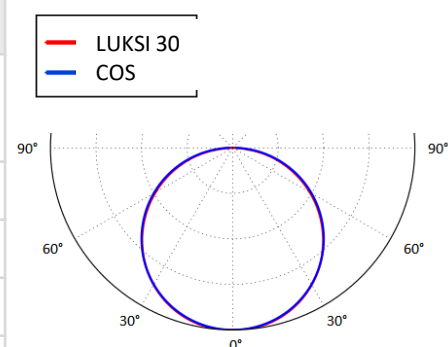
*Wavelength range: 400-780nm

SSL LUKSI 30

Class B Luxmeters

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MODEL NAME	LUKSI 30 A3	LUKSI 30 A6	LUKSI 30 A10
DEVICE CODE	L-30.3-f3	L-30.6-f3	L-30.10-f3
Measurement range	5 – 1 000 000 lx	1 – 200 000 lx	0.3 – 60 000 lx
Signal bandwidth	4 kHz		
Sampling rate	20 kHz		
Data communication	USB, BT		
Battery	1150mAh		
Data storage capacity	1E+8 samples		
Measuring head	PMMA diffuser (diam. 20mm) with $V(\lambda)$ filter		
Data readout	Bluetooth (Android app), USB 2.0 (Optional: PC software)		
Spectral quality factor f_1'	3 %*		
UV response u	0.1 %		
IR response r	0.3 %		
Directional response f_2	2 %		
Linearity response f_3	0.2 %		
Display unit f_4	0.2 %		
Fatigue response f_5	0.2 %		
Temperature response f_6			
Lower freq. limit for f_7	10 Hz (f_7 : 5%)		
Upper freq. limit for f_7	20 kHz (f_7 : 5%)		
Modulated light f_7	0.1 %		
Spatial response f_9	36 %	12 %	8%
Range change f_{11}	0.1 %		
Dimensions	118mm x 78mm x 42mm, 220 g		



*Wavelength range: 400-780nm

SSL LUKSI 30

Class A and L Luxmeter for Lab

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MODEL NAME	LUKSI 30 A6 nd	LUKSI 30 L6 nd
DEVICE CODE	L-30.6-f3-nd	L-30.6-f1.5-nd
Measurement range	0.2 – 40 000 lx	0.2 – 50 000 lx
Signal bandwidth	4 kHz	
Sampling rate	20 kHz	
Data communication	USB, BT	
Battery	1150mAh	
Data storage capacity	1E+8 samples	
Measuring head	Clear window with $V(\lambda)$ filter	
Data readout	Bluetooth (Android app), USB 2.0 (Optional: PC software)	
Spectral quality factor f_1'	3 %	1.5 %
UV response u	0.1 %	
IR response r	0.3 %	
Directional response f_2	na	
Linearity response f_3	0.2 %	
Display unit f_4	0.2 %	
Fatigue response f_5	0.2 %	
Temperature response f_6		
Lower freq. limit for f_7	10 Hz (f_7 : 5%)	
Upper freq. limit for f_7	20 kHz (f_7 : 5%)	
Modulated light f_7	0.1 %	
Spatial response f_9	12 %	
Range change f_{11}	0.1 %	
Dimensions	118mm x 78mm x 42mm, 220 g	

