

# SELECTION GUIDE

MODEL	FM-1	FM-1S	FM-4	FM-6	FG-8	FS-1	FS-20	FX-100
Measurement	L <sub>20</sub> (Cd/m <sup>2</sup> )	L <sub>20</sub> (Cd/m <sup>2</sup> )	L <sub>20</sub> (Cd/m <sup>2</sup> )	L <sub>20</sub> (Cd/m <sup>2</sup> )	L <sub>seq</sub> (Cd/m <sup>2</sup> )	L (Lux)	L (Lux)	L (Lux)
Aperture (f <sub>va</sub> ) / Correction	20°	20°	20°	20°	56,8° CIE 88:2004	130° / cosine	180° / cosine	180° / cosine
Basic Accuracy	3 %	3 %	3 %	3 %	3 %	7 %	3 %	1 %
Measuring Range <small>*Custom Ranges Available</small>	* / 0 – 6,5 kCd/m <sup>2</sup> 0 - 10 kCd/m <sup>2</sup>	0 - 1 kCd/m <sup>2</sup> , 1 - 10 kCd/m <sup>2</sup>	* / 0 – 6,5 kCd/m <sup>2</sup> 0 - 10 kCd/m <sup>2</sup>	* / 0 – 6,5 kCd/m <sup>2</sup> 0 - 10 kCd/m <sup>2</sup>	* / 0 – 6,5 kCd/m <sup>2</sup> 0 - 10 kCd/m <sup>2</sup>	0 - 20.000 Lux	* / 0 - 200 Lux 0 - 20.000 Lux	* / 0 - 200 Lux 0 - 20.000 Lux
Current Output	4-20 mA	4-20 mA 12-20mA	/	4-20 mA	4-20 mA	/	4-20 mA	/
Voltage Output	0-10 V	0-10 V	/	0-10 V	0-10 V	/	0-10 V	0-5 V
Frequency Output	/	/	/	1-10.000 Hz	1-10.000 Hz	/	1-10.000Hz	/
Communication Port	RS 485/232	RS 485/232	RS 485/232	RS 485/232	RS 485/232	/	RS 485/232	RS 232
230 V AC Out/(A) <small>*24 V AC Optional</small>	4	4	4	6	6	2	4	/
Field of Use	mid-length and long tunnel	mid-length and long tunnel	underpasses, short and mid-length tunnel	Underpasses, short and mid-length tunnel	mid-length and long tunnel	open road lighting control	mid-length and long tunnel, open road lighting control	high accuracy reference illumination probe
	standalone / PLC lighting control	standalone / PLC lighting control	Standalone lighting control	standalone / PLC lighting control	advanced PLC lighting control to CIE-88:2004	standalone lighting control	standalone control / PLC connection	luminaries installation inspection
Accessories & Options	Brackets: wall: straight / tilt, pole: side / on-top Wiper-washer set 24 V AC version	Brackets: wall: straight / tilt, pole: side / on-top Wiper-washer set 24 V AC version	Brackets: wall: straight / tilt, pole: side / on-top Wiper-washer set 24 V AC version	Brackets: wall: straight / tilt, pole: side / on-top Wiper-washer set 24 V AC version	Brackets: wall: straight / tilt, pole: side / on-top Wiper-washer set JPEG view-field img 24 V AC version	stainless steel housing, 24 V AC version	stainless steel housing, 24 V AC version	/