	1 mA 1 mA 5 pA to ed range.  PA/WPA2 ort term and le interval er from 10ms ec) to 15sec 4.3"VG DataLight III vith API Beacon, mA output	9 decades 1 pA to 1mA 2 1 mA input current 2 and fixed range. N/A 2 erm, short term and ammable interval 3 mmable from 10ms 3 eading/sec) to 15sec 3 Capacitive touch 3 screen display 400 Datalight plus Flash & Spectrometer	8 decades 10 pA to 1mA 50 pA to 1 mA input current Auto and fixed range. N/A Long term, short term and programmable interval Programmable from 10ms (100 reading/sec) to 15sec 4.3"VGA Capacitive touch screen display	8 decades 10 pA to 1mA 50 pA to 1 mA input current Auto and fixed range. N/A Long term, short term and programmable interval Programmable from 10ms (100 reading/sec) to 15sec	10 decades 200 fA to 2mA 100 pA to 1 mA input current Auto and fixed range. N/A Long term and flash digital integration N/A up to 8 readings per	7 decades 10 pA to 350 μA 1 nA to 350 μA Autoranging N/A Long term digital integration (steady sources only)
Calibration Range changing Auto and fix WiFi Access Integration Modes: Averaging / Rate Device Readout Software Data Visualization Outputs Communcation Factor Storage Data Storage Data storage Data storage Sensor Options Battery Life Diode Bias Voltage Sensor reco	ed range. Auto PA/WPA2 ort term and le interval progra e from 10ms ec) to 15sec (100 re A 4.3"VC DataLight III prith API Beacon, mA output	o 1 mA input current o and fixed range.  N/A  erm, short term and rammable interval rammable from 10ms reading/sec) to 15sec GA Capacitive touch screen display 400 Datalight plus	50 pA to 1 mA input current Auto and fixed range. N/A Long term, short term and programmable interval Programmable from 10ms (100 reading/sec) to 15sec 4.3"VGA Capacitive touch	50 pA to 1 mA input current Auto and fixed range. N/A Long term, short term and programmable interval Programmable from 10ms	100 pA to 1 mA input current Auto and fixed range. N/A Long term and flash digital integration N/A up to 8 readings per	1 nA to 350 μA  Autoranging  N/A  Long term digital integration (steady sources only)
Range changing WiFi Access Integration Modes: Integration Modes:  Averaging / Rate Programmable (100 reading/s Readout Software Data Visualization Outputs USB and 4-20 Communcation Factor Storage Real Time Clock Auto "Headless" Logging Data storage Up to 16,000 Sensor Options Battery Life Diode Bias Voltage Special features Simultaneous Simultaneous Apps work with and mac-wired of Extensible API	ed range.  PA/WPA2  ort term and e interval progra e from 10ms ec) to 15sec (100 re 4.3"VC 100 re 10	o and fixed range.  N/A  erm, short term and rammable interval rammable from 10ms reading/sec) to 15sec GA Capacitive touch screen display  400 Datalight plus	Auto and fixed range.  N/A  Long term, short term and programmable interval  Programmable from 10ms (100 reading/sec) to 15sec  4.3"VGA Capacitive touch	Auto and fixed range.  N/A  Long term, short term and programmable interval  Programmable from 10ms	Auto and fixed range.  N/A  Long term and flash digital integration  N/A up to 8 readings per	Autoranging N/A Long term digital integration (steady sources only)
WiFi Access Integration Modes: Integration Modes:  Averaging / Rate  Device Readout  Software Data Visualization  Outputs  Complimentary sofware with all sensors Plus SM  Battery Life Diode Bias Voltage  Sensor Options  Sensor recomplimentary  Software Data Complimentary  Software with all sensors recomplimentary  Yes  Works with All sensors Plus SM  Broadest dynate Sensor recompliance of the sensor options  Sensor options  Sensor Complimentary  Software With all sensors Plus SM  Broadest dynate Sensor recompliance of the sensor options  Sensor options  Sensor options  Broadest dynate Sensor recompliance of the sensor options  Sensor options  Sensor options  Broadest dynate Sensor recompliance of the sensor options  Sensor options  Sensor options  Broadest dynate options  Sensor recompliance of the sensor options options  Sensor options  Broadest dynate options options options options  Sensor recompliance of the sensor options o	PA/WPA2 ort term and le interval progra e from 10ms ec) to 15sec (100 re 4.3"VC DataLight III ILT2. beacon, mA output	N/A erm, short term and rammable interval immable from 10ms rading/sec) to 15sec GA Capacitive touch screen display 400 Datalight plus	N/A Long term, short term and programmable interval Programmable from 10ms (100 reading/sec) to 15sec 4.3"VGA Capacitive touch	N/A Long term, short term and programmable interval Programmable from 10ms	N/A  Long term and flash digital integration  N/A up to 8 readings per	N/A Long term digital integration (steady sources only)
Integration Modes:  Averaging / Rate  Device Readout  Software Data Visualization  Outputs  Communication  Factor Storage  Real Time Clock  Auto "Headless" Logging  Data storage  Sensor Options  Battery Life  Diode Bias Voltage  Special features  Sensor recommendation  Bush and 4-20  Complimentary Software with Alexandry Software with Alexa	ort term and e interval progra e from 10ms progra ec) to 15sec (100 re 4.3"VG DataLight III ILT2 beacon, mA output	erm, short term and rammable interval immable from 10ms eading/sec) to 15sec GA Capacitive touch screen display	Long term, short term and programmable interval Programmable from 10ms (100 reading/sec) to 15sec 4.3"VGA Capacitive touch	Long term, short term and programmable interval  Programmable from 10ms	Long term and flash digital integration  N/A up to 8 readings per	Long term digital integration (steady sources only)
Averaging / Rate   Programmable (100 reading/s   Device Readout   N/A   Software Data Visualization   USB and 4-20   Communication   USB and 4-20   Factor Storage   20 Fact   Real Time Clock   Yes   Auto "Headless"   Logging   Data storage   up to 16,000   Sensor Options   Works with Al sensors Plus SM   Battery Life   12 h   Diode Bias Voltage   Syes   Special features   Simultaneous   Simultaneous   Apps work with and mac- wired of the street o	le interval progra e from 10ms ec) to 15sec (100 re 4.3"VC DataLight III progra ith API Beacon, mA output	rammable interval immable from 10ms eading/sec) to 15sec GA Capacitive touch screen display 400 Datalight plus	programmable interval Programmable from 10ms (100 reading/sec) to 15sec 4.3"VGA Capacitive touch	programmable interval Programmable from 10ms	integration N/A up to 8 readings per	(steady sources only)
Averaging / Rate  Device Readout  Software Data Visualization  Outputs  Complimentary sofware w  Outputs  USB and 4-20  Communcation  Factor Storage  Real Time Clock  Auto "Headless" Logging  Data storage  Up to 16,000  Sensor Options  Battery Life  Diode Bias Voltage  Special features  Sensor recomplimentary sofware w  Works with Alsensors Plus SM  Broadest dynate Lowest light levent some some some some some some some some	ec) to 15sec (100 re 4.3"VC S DataLight III ILT2 vith API Beacon, mA output	eading/sec) to 15sec GA Capacitive touch screen display 400 Datalight plus	(100 reading/sec) to 15sec 4.3"VGA Capacitive touch			
Readout  Software Data Visualization  Outputs  Communcation  Factor Storage  Real Time Clock  Auto "Headless" Logging  Data storage  Sensor Options  Battery Life  Diode Bias Voltage  Special features  Sensor recc  Simultaneous I  Apps work with and mac- wired of Extensible API	DataLight III ILT2- vith API Beacon, mA output	screen display 400 Datalight plus			second	N/A 1 reading per second
Visualization Outputs USB and 4-20 Communication USE Factor Storage Real Time Clock Auto "Headless" Logging Data storage Up to 16,000 Sensor Options Battery Life Diode Bias Voltage Special features  Sensor reco	mA output  Beacon,			N/A	3.5 digit + EXP	32 character back lit LCD
Communcation USE Factor Storage Real Time Clock Auto "Headless" Logging Data storage Up to 16,000 Sensor Options Battery Life Diode Bias Voltage Special features  Sensor recc Simultaneous Apps work with and mac-wired of Extensible API	· · ·	riasii &spectionietei	Internal Datalight software plus PC software Datalight III	Complimentary DataLight III sofware with API	Complimentary basic labview drivers with code	Complimentary basic labview drivers with code
Factor Storage Real Time Clock Auto "Headless" Logging Data storage Up to 16,000 Sensor Options Battery Life Diode Bias Voltage Special features Sensor recomposed Sensor Recomposition Sensor Sensor Recomposition Broadest dynate Lowest light level Sensor recomposition Sensor Recompo	3	USB	USB	USB and 4-20 mA output	USB and RS232	USB
Real Time Clock Auto "Headless" Logging  Data storage  Up to 16,000  Sensor Options  Battery Life  Diode Bias Voltage  Special features  Sensor reco		USB	USB	USB	N/A	N/A
Auto "Headless" Logging  Data storage  Up to 16,000  Sensor Options  Battery Life Diode Bias Voltage  Special features  Sensor reco Simultaneous monito  Apps work witl and mac- wired of Extensible API	tors 20 Me	ter/20 Smart sensor	20 Meter/20 Smart sensor	20 Factors	10 Factors	N/A
Logging Data storage Up to 16,000 Sensor Options Battery Life Diode Bias Voltage Special features  Sensor reco	;	Yes	Yes	Yes	N/A	N/A
Sensor Options  Battery Life Diode Bias Voltage Special features  Sensor record Simultaneous I monito  Apps work with Al sensors Plus SM  Broadest dyna Lowest light lev  Sensor record Apps work with and mac- wired of Extensible API	;	yes	yes	yes	N/A	N/A
Sensor Options  Battery Life Diode Bias Voltage Special features  Sensor recc Simultaneous monito  Apps work with and mac- wired of Extensible API	readings 4GB	internal memory	4GB internal memory	up to 16,000 readings	N/A	N/A
Diode Bias Voltage  Special features  Broadest dyna Lowest light lev  Sensor recc  Simultaneous i monito  Apps work with and mac- wired of Extensible API		rible with most "##D" nsors (less SHD)	Compatible with most "##D" sensors (less SHD)	Built in Solid state detectors	Works with ALL ILT sensors	Card edge "L" style sensors only
Special features  Broadest dyna Lowest light lev Sensor record Simultaneous monito  Apps work with and mac- wired of Extensible API	rs	Up to 8 hrs	Up to 8 hrs	N/A	8 hrs	48 hrs (no backlight)
Sensor reconstruction Sensor reconstruction Sensor reconstruction Simultaneous monitor Simultaneous monitor Apps work with and mac-wired of Extensible API		5V	5V	N/A	5V	5V
Simultaneous monito  Apps work with and mac- wired of Extensible API	el capability	features of ILT2400 plus	8 decades of light measurement	Simultaneous multi-meter monitoring.	Broad dynamic range	Back lit display
Apps work with and mac- wired of Extensible API	ognition Flash A	<b>pp</b> for rapid pulses 0-250Hz:	Compact, hand held, ergonomic design	Set it and forget it data logging	Flash measurement-as brief as 5 usec.	Sensor recognition
and mac- wired of Extensible API		h and low ranges	Easy self calibration feature	Works with PC and Tablet wirelessly. (accessories sold separately)	Mutli-sensor multiplexing with A803	Auto loading of calibration factor
		ero before integrate	Measures Intensity, OD, %, Current, (& temperature as a custom option)	Measures Intensity, OD, %, Current, Voltage and temperature	Industry Standard with decades of proven results	Last Cal Date stored within device
Extensible API for custom programming and integratic Can be powered by cell phone batteries pack and accessories for "headless' monitoring	d integration.	Flash profile	Rechargeable batteries	Extensible API for custom programming and integration.	Optional Rechargeable battery pack.	
	es pack and pulse/fla	on App: For slower ash including NFPA72 e testing3-1.4Hz:	Multi session data storage	Can be powered by cell phone batteries pack and accessories for "headless" monitoring	Proven Industry Standard	
Broadest ca measureme	ent range	mmable pulse count	Hold, Integrate, Peak, DC, Zero, Sample, Min, and Max	Last Cal Date stored within device		
Set it and for loggi	ng Progra	ammable averaging	Programmable averaging	Auto-Calibration Factor Setting (via Trend software)		
Sma connector Non ILT phot	for use with	peak and frequency	Programmable sample times	Auto-Calibration Factor Setting (via Trend software)		
Measures Inte Current, Vo temper		m app: Allows measurements with g of spectrum 380-	Auto ranging in scientific notation (4e-9, 5e-3, 1e+0) or Empirical units (4 nW/cm2 5mW/cm2, 1W/cm2)			

<sup>\*</sup>The ILT1700 has been replaced by the ILT5000

<sup>\*\*</sup>The ILT1400 has been replaced by the ILT2400