

Product	IRRADIANCE COLORIMETER	
Model	CL350	CL300
Standard	ANSIC78/377, GB/T7922, GB/T5700, GB/T5702, GB/T24824, GB/T36979	
Wavelength Range	400~700nm	
Sensor Mode	Multichannel Filter/CIE XYZ Filter+CMOS, CIE Y adaptation	
Ev Range	1~2000001x	
Accuracy (Light source A)	Ev: $\pm 5\% \pm 1$ display value xy: $\pm 0.0025$ (10~2000001x) xy: $\pm 0.0028$ (5~101x)	
Repeatability (Light source A)	Ev: $0.5\% \pm 1$ display value xy: 0.001 (500~2000001x) xy: 0.002 (100~5001x) xy: 0.003 (20~1001x) xy: 0.005 (5~201x)	
Cosine Response	Ev: $\leq 3\%$	
Measurement Mode	Auto mode, Continuous mode	
Measuring Time	Auto mode: 0.1~5 s	
Observer Angle	2° (CIE1931)	
Color Space	CIE Yxy, CIE XYZ, Ev xy, Ev u'v', Ev CCTDuv, $\lambda$ dPePc, EvDuvSDCM	
Colorimetric Index	Ev, CCT (K); CIE31x, y; CIE76u', v'; CIE31X, Y, Z; Duv, SDCM; $\lambda$ d, Pe, Pc; CRI, Peak, Eb, Eg, Er, CQS-Qa, Qf, Qg, PPF (no function in CL700); (More functions are implemented by PC or APP)	
Data Storage	Sample 99 Pcs	
Dimension	L*W*H=62X56X37mm	
Weight	about 72g	
Battery	Li-ion battery, 3.7V, 800mAh (800 measurements within 4 hours)	
Display	1.14-inch TFT color LCD	
Data Port	Type C USB, Bluetooth 5.0 (Customizable WIFI)	
Language	English, Chinese	
Operating Environment	-10~40°C (0~85%RH/no condensing)	
Storage Environment	-20~50°C (0~85%RH/no condensing)	
Standard Accessory	USB cable, manual, Protective Cover, Wrist strap, Wiping cloth	