

Features

- ✓ Auto Ranging
- ✓ Automatic/manual selection of Light range
- ✓ Automatic Power Off
- ✓ Sampling rate 2 times/sec
- ✓ Fc / lx Function Selectable
- ✓ Data Hold function
- ✓ Min/Max/Average function (EL 722 / EL 724)
- ✓ Range Display
- ✓ Automatic Zero When Power On
- ✓ SI Photodiode Light detector
- ✓ $v(\lambda)$ Typical 8% (EL 722)
- ✓ Detachable & Rotatable Light Sensor
- ✓ Removable Probe For Easy Access To The Source (EL 724)
- ✓ Cosine And Color Corrected measurements (EL 724)
- ✓ Built-in Sensor With Protective cover (EL 724)



General Specifications

Parameter	EL 720	EL 722	EL 724
Display	3 3/4 Digits LCD Display	6 1/2" large back light LCD display	6 1/2" large back light LCD display
Light Range	0.000~4000 fc 0.00~40000 lx	0.0 ~ 19990 fc 0.0 ~ 199900 lx	0.0 to 199.9/1999/19990/199900 lx
Resolution	0.01~10 Lx; 0.001~1 fc	0.1 Lx; 0.1 fc	0.1 lx; 0.01 fc
Accuracy	±3%rdg, ±5dgts	±3%rdg, ±5dgts	±3%rdg, 5dgts
Temperature Characteristics	±0.1% / °C(25°C)	±0.1% / °C(25°C)	±0.1% / °C(25°C)
Response Time	0.5 sec	0.5 sec	0.5 sec
Light Source Selection	Standard Incandescent Light Source	Standard Incandescent Light Source	L0: Standard Incandescent Light Source L1: LED White Daylight L2: LED Amber (Yellow) Light L3: LED Green Light L4: LED Red Light L5: LED Blue Light L6: Warm White Fluorescent Lamp L7: Cold White Fluorescent Lamp L8: User Setup Mode
Auto Power Off	30 minutes	30 minutes	30 minutes
Operating Temperature / Humidity	0°C to 40°C (32°F to 104°F) / 0 to 80% RH	0°C to 40°C (32°F to 104°F) / 0 to 80% RH	0°C to 40°C (32°F to 104°F) / 0 to 80% RH
Storage Temperature / Humidity	-10°C to 50°C (14°F to 122°F) / 0 to 70% RH	-10°C to 60°C(14°F to 140°F) / 0 to 70% RH	-10°C to 60°C(14°F to 140°F) / 0 to 70% RH
Over range	"----" display	"-OL-" display	"-OL-" display
Battery Type	9V battery	Size AA battery x 2	1.5V type Size AA battery x 2
Battery Life	Approx. 170 hours (Alkaline battery)	80 hours approx.	80 hours approx.
Dimensions	196(L)x54(W)x34(H) mm 7.7(L)x2.1(W)x1.3(H) inch	169(L) x 63(W) x 37(H) mm 6.7(L) x 2.5(W) x 1.5(H) inch	169(L) x 63(W) x 37(H) mm 6.7(L) x 2.5(W) x 1.5(H) inch
Weight	Approx.180g	Approx. 210g	Approx. 210g
Accessories	User manual, Battery, Carrying case	User manual, battery, carrying case	User manual, Battery, Carrying case