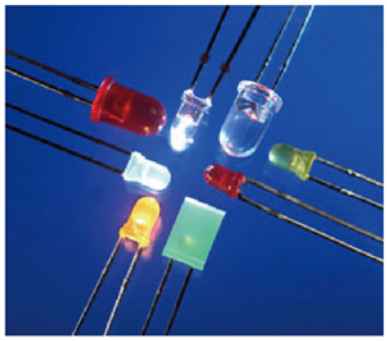
光偵測頭
Light Detector

InternationalLight TECHNOLOGIES



LED 光測量系統
LED Light Measurement Systems

LED (light emitting diodes) are solid state lamps manufactured from semiconductor materials.

Ordering information

Common Sources	Spectral Range	Product Options	Measurement Range	Units
UV VIS IR LED's	250-1050 nm	ILT950 SPECTRORADIOMETER	Customized spectrum	W/m²/nm
Medical devices	185-310 nm	IL1700, SED240/INS250N	$1.00e^{-7}$ to $5.00e^{-2}$	W
	185-310 nm	IL1400, SEL240/INS250N	$5.00e^{-6}$ to $5.00e^{-2}$	W
Indicator lights	400-700 nm	IL1700, SED033/Y/LED	$4.26e^{-6}$ to $4.26e^{+3}$	cd
	400-700 nm	IL1400, SEL033/Y/LED	$2.13e^{-4}$ to $7.45e^{+2}$	cd
Fibre optics	400-700 nm	IL1700, SPD024Y	$9.52e^{-7}$ to $9.52e^{+2}$	Lumen
	400-700 nm	IL1400, SPL024Y	$4.76e^{-5}$ to $1.67e^{+2}$	Lumen
Remote controls	400-700 nm	IL1700, SED033/Y/INS250N	$5.00e^{-5}$ to $5.00e^{+3}$	Lumen
	400-700 nm	IL1400, SEL033/Y/INS250N	$2.50e^{-4}$ to $8.70e^{+2}$	Lumen
Thermal-management	400-1064 nm	IL1700, SED033/F/LED	$6.67e^{-9}$ to $6.67e^{+0}$	W/sr
	400-1064 nm	IL1400, SEL033/F/LED	$3.33e^{-7}$ to $1.17e^{+0}$	W/sr
	400-1064 nm	IL1700, SED033/F/INS250N	$6.60e^{-9}$ to $6.60e^{+0}$	W
Architectural-lighting	400-1064 nm	IL1400, SEL033/F/INS250N	$3.30e^{-7}$ to $1.10e^{+0}$	W
	400-1064 nm	IL1700, SPD024F	$2.50e^{-9}$ to $2.50e^{+0}$	W
	400-1064 nm	IL1400, SPL024F	$1.25e^{-7}$ to $4.38e^{-1}$	W
	400-700 nm	IL1700, SED033/Y/R	$1.16e^{-2}$ to $1.16e^{+7}$	cd/m²
	400-700 nm	IL1400, SEL033/Y/R	$5.78e^{-1}$ to $2.02e^{+6}$	cd/m²
Automobiles	400-1064 nm	IL1700, SED033/F/R	$2.60e^{-9}$ to $2.60e^{+0}$	W/cm²/sr
Blimp display	400-1064 nm	IL1400, SEL033/F/R	$1.30e^{-7}$ to $4.55e^{-1}$	W/cm²/sr
CIE127 A & B Compliance	400 - 700 nm	IL1400, SEL324/YK113	$2.54e^{-3}$ to $3.83e^{+3}$	lux
	400 - 700 nm	IL1700, SED324/YK113	$5.08e^{-5}$ to $5.08e^{+4}$	lux

* All Radiometers / Photometers / Spectroradiometers are NIST Traceable.

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