

Element Name	Element Symbol	Lumina Lamp Part No.	Lumina Lamp with Intensitron® Adapter Part No.
Scandium	Sc	N3050171	
Selenium	Se	N3050172	
Silicon	Si	N3050173	
Silver	Ag	N3050102	N3050302
Sodium	Na	N3050148	N3050348
Strontium	Sr	N3050176	
Tantalum	Ta	N3050177	
Tellurium	Te	N3050180	
Terbium	Tb	N3050178	
Thallium	Tl	N3050183	
Thulium	Tm	N3050184	
Tin	Sn	N3050175	
Titanium	Ti	N3050182	
Tungsten	W	N3050187	
Vanadium	V	N3050186	
Ytterbium	Yb	N3050190	
Yttrium	Y	N3050189	
Zinc	Zn	N3050191	N3050391
Zirconium	Zr	N3050192	

PERKINELMER EXCLUSIVE 6/24 WARRANTY*

Lumina™ Hollow Cathode Lamps

1. We warrant that during the first six months or after 5,000 milliampere-hours of operation, whichever comes first, from initial date of shipment, the lamps will meet or exceed the intensity and absorption specifications to which all new lamps are tested.
2. All our hollow cathode lamps are warranted to light and emit the spectra of the element indicated for two years or 5,000 milliampere-hours of operation from the date of the shipment, whichever comes first.
3. If any lamp fails before the expiration of the warranty period, it will be replaced free of charge.

*The lamp warranty is void for lamps which sustain physical damage or are operated at power levels substantially above or below the power level recommended on the lamp label. The lamp warranty may vary in different countries.

Lumina Multi-Element Hollow Cathode Lamps

Element Name	Element Symbol	Lumina Lamp Part No.
Two-element Lamps		
Silver, Gold	Ag, Au	N3050201
Calcium, Magnesium	Ca, Mg	N3050202
Calcium, Zinc	Ca, Zn	N3050203
Potassium, Sodium	K, Na	N3050204
Platinum, Ruthenium	Pt, Ru	N3050205
Tin, Tellurium	Sn, Te	N3050206
Three-element Lamps		
Calcium, Magnesium, Zinc	Ca, Mg, Zn	N3050208
Copper, Iron, Nickel	Cu, Fe, Ni	N3050209
Four-element Lamps		
Copper, Iron, Manganese, Zinc	Cu, Fe, Mn, Zn	N3050212
Five-element Lamps		
Silver, Chromium, Copper, Iron, Nickel	Ag, Cr, Cu, Fe, Ni	N3050213
Cobalt, Chromium, Copper, Manganese, Nickel	Co, Cr, Cu, Mn, Ni	N3050214
Six-element Lamps		
Cobalt, Chromium, Copper, Iron, Manganese, Nickel	Co, Cr, Cu, Fe, Mn, Ni	N3050217
Seven-element Lamps		
Aluminum, Calcium, Copper, Iron, Magnesium, Silicon, Zinc	Al, Ca, Cu, Fe, Mg, Si, Zn	N3050218