

## What's the Lumen-Arrow all about?

Over the years as some "carbon" arrow manufacturers chose to start using less carbon and more fiberglass to build their arrows from, Lumenoks gained a reputation for "not working". Additionally some arrow manufacturer's tolerances provided the consumer with arrows of varying inside diameter and nock ends that are less than square.

By introducing an arrow /Lumenok assembly we will prove to the user, that Lumenoks do indeed work! Since we can control arrow construction, fit and the end condition of the shaft with this product, all that will be left up to the consumer to do will be to cut it to length and shoot it. The Lumen-Arrow can be equipped with either red or green Lumenoks and is available with Bohning Blazer vanes or as raw shafts.

The Lumen-Arrow is an assembly of a private labeled all carbon arrow coupled with a Lumenok Signature. We call it the Lumenok Signature because we use the Signature nock from Bohning to build it in. The Lumenok Signature is designed to allow the battery to be changed. This new design concedes that the laws of physics will separate the battery from the lighted nock when an arrow fired, hits an immovable object. No lighted arrow nock ever conceived can make claim to be useful once this occurs. The components of all lighted nocks end up on the other end of the shaft. They rattle around in the shaft indicating to the user that his costly lighted nock has just bit the dust.

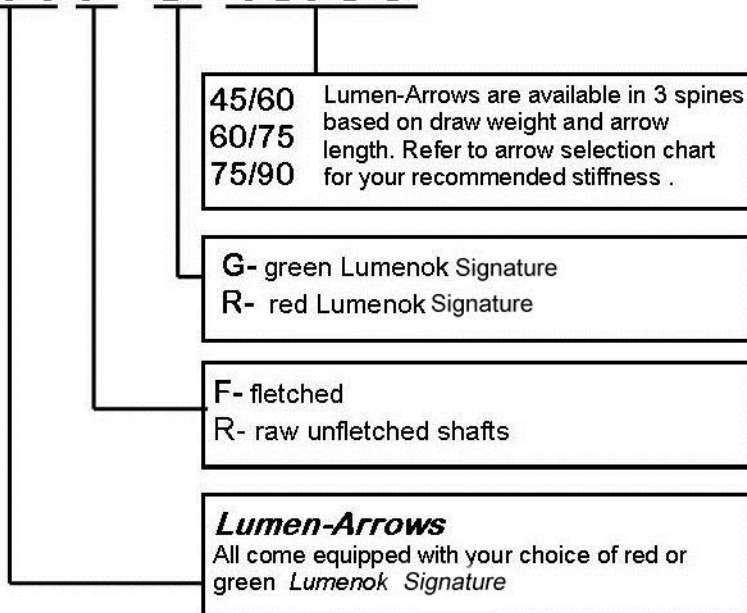
The Lumen-Arrow's Lumenok has been designed to survive under those circumstances. While we do concede that the laws of physics cannot be cheated, we have developed a battery retainer that is reusable when the battery separates from the Lumenok. In the event that a Lumen-Arrow is fired into an immovable object (tree, rock, metal plate) the battery will separate from the Lumenok. It will be flung forward in the arrow. The real difference at this point is that a new battery can be fitted to the Lumenok and it can be put back to work as if nothing ever happened. We have also found that if you use a foam earplug (yes I said earplug) as a shock absorber in the shaft, the battery is not damaged, and can be reused, even if your arrow is broken. I could have called the earplug an energy dissipation device, but that would not have changed the fact that it was a foam earplug available everywhere for a few cents.

This simple battery retainer also is considerably lighter than previous retainers. Currently our Lumenok Signature Green weighs 30 grains, is equipped with a replaceable battery and an external battery retainer. The Lumenok blazer weighs only 27 grains.

There are 3 spine weights available:

Lumen-Arrow part # means:

**LA F G 45/60**



Lumen-Arrow 45/60 - .295" Outside Diameter - .400" spine deflection

Lumen-Arrow 60/75 - .298" Outside Diameter - .350" spine deflection

Lumen-Arrow 75/90 - .304" Outside Diameter - .300" spine deflection

Lumen-Arrows are shipped at full length.- 31"

**Lumen-Arrow Sizing Chart ( only available in 75/90, 60/75 and 45/60 )**

Peak Bow Weight	23"	24"	25"	26"	27"	28"	29"	30"	31"
22-26#									
27-31#									
32-36#									45/60
37-41#								45/60	45/60
42-46#							45/60	45/60	45/60
47-51#						45/60	45/60	45/60	60/75
52-56#					45/60	45/60	45/60	60/75	60/75
57-61#				45/60	45/60	45/60	60/75	60/75	60/75
62-66#			45/60	45/60	45/60	60/75	60/75	60/75	75/90
67-72#		45/60	45/60	45/60	60/75	60/75	60/75	75/90	75/90
73-78#	45/60	45/60	45/60	60/75	60/75	60/75	75/90	75/90	75/90
79-84#	45/60	45/60	60/75	60/75	60/75	75/90	75/90	75/90	
85-90#	45/60	60/75	60/75	60/75	75/90	75/90	75/90		

All Lumen-Arrows come equipped with the Lumenok Blazer in either red or green.

Lumen-Arrows are sorted to (+/-0.5) of a grain weight per dozen and a straightness of (+/-0.003)

Lumen-Arrows weigh: 45/60 (8.1gpi. .40 spine) 65/70 (8.8 gpi. .35 spine) 75/90 (9.9 gpi..30 spine)