

Comparison Table

Quark Models:				
Battery Type	AA Battery Lithium CR123A	QPA	QP2A	QPL
		X	X	X
Operating Voltage	2V-4.2V	X	X	X
	3.0V-9.0V			
Output Modes	5 Regulated Levels	X	X	X
	Strobe, SOS, Beacon	X	X	X
Features	Moonlight Mode	X	X	X
	Fully Knurled	X	X	X
	Reversible/Removable Clip	X	X	X
	Premium Cree XP-G	X	X	X
	Sapphire AR Coated Lens	X	X	X
	IPX-8 Waterproofing	X	X	X
	T-6061 Aircraft-Grade Aluminum	X	X	X
	8 Digitally Regulated Modes	X	X	X
	Square Threads	X	X	X
	10-Year Performance Guarantee	X	X	X

Lumens (out the front)	Maximum Moonlight	QPA	QP2A	QPL	QP2L
		109	205	205	230
		0.2	0.2	0.2	0.2
Output Runtimes	Maximum (hours)	1.2	1.3	0.8	1.8
	Moonlight (days)	10	30	15	30
Dimensions	Length (in)	3.8	5.8	3.2	4.5
	Diameter (in)	0.86	0.86	0.86	0.86
	Weight (oz)	1.8	2.2	1.4	1.8
Quark Sub-Series:					
			Pro	Tactical	
			Momentary Activation	Yes	Yes
			Protruding Tail Button	Yes	Yes
			Stands on Tail (Candlemode)	Yes	Yes
			Available Output Levels	8	8
			Levels with Tightened Bezel	2	1
			Level Memorization	6	1
				Yes	Yes



FOURSEVENS

QUARK SMART
QPL

OPERATOR'S MANUAL

Model

QUARK SMART

QPL



POWER
One CR123A battery
(up to 4.2 volts)



OUTPUT
Maximum: 205 lumens
Moonlight: 0.2 lumen



RUNTIME
Runtime at Maximum: 0.8 hours
Runtime at Moonlight: 15 days



STROBE
Strobe, S.O.S and Beacon
flash modes

Operation

Operating your Quark QPL is simple. Make sure its batteries are inserted with the positive side (+) toward the head. Ensure the bezel (the 'head' of the light) and tailcap are tightened, then depress the tailcap button fully so that it 'clicks' and the light turns on.

The two most commonly used modes are Max and Moonlight, the highest and lowest modes. To access Max, you simply tighten the bezel. To access Moonlight, you just loosen the bezel a half-turn. That's it. Give it a try now by cycling back and forth between Max and Moonlight.

You can also cycle through the Quark's other modes just as easily. Lightly depress the button momentarily (you don't need to 'click' it off) and the output will switch to the next mode. The mode sequence is determined by whether the bezel is tightened or loosened:

Loosened Bezel
Moonlight → Low → Medium → High → SOS → Beacon
Tightened Bezel
Max → Strobe

Once the Quark has been turned off for at least three seconds, it will revert to the first level of output in the sequence, either Moonlight or Max

Specifications

Dimensions
Length: 3.2 in
Diameter: 0.86 in
Weight: 1.4 oz

Power Source
One CR123A or One RCR123A Batteries
Operating Range: 2V~4.2V

Typical Output and Runtimes

Mode	Output (out the front)	Runtime
Moonlight	0.2 lumen	15 days
Low	4 lumens	2.5 days
Medium	22 lumens	13 hours
High	85 lumens	2.7 hours
Max	205 lumens	0.8 hours
Strobe		1.6 hours
Beacon		12 hours

Warranty

FOURSEVENS warrants its products to be free from defects in materials and workmanship. We will repair or replace, at our option, without charge any product or part which is found to be defective under normal use and service within 120 months from the date of purchase with proof of purchase. Such repair or replacement shall be the purchaser's sole and exclusive remedy under this warranty. This warranty does not cover normal maintenance and service and does not apply to any products or parts which have been subject to modification, misuse, abuse, negligence, accident, or improper maintenance or repair by anyone other than FOURSEVENS.

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FCC WARNING

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.