

# LinkSquare<sup>®</sup> 1 Specs

## Hardware

Size (L x W x H)	114.0 x 23.9 x 23.9 mm / 4.5 x 0.9 x 0.9 in
Weight	57g / 2oz
Charging Method	Micro USB Cable
Charging Time	< 1.5 hrs
Battery Life (Active)	~ 1000 scans
Battery Life (Idle)	24 hrs
Number of Light Sources	2
Connectivity	Wi-Fi (802.11 b/g/n*)

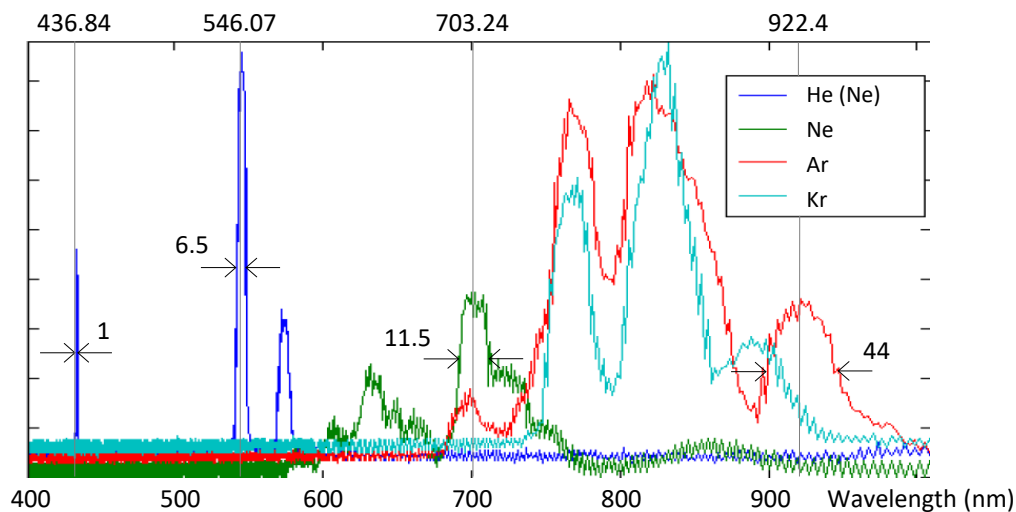
\* Some high-speed 802.11n settings may not be supported.

## Software

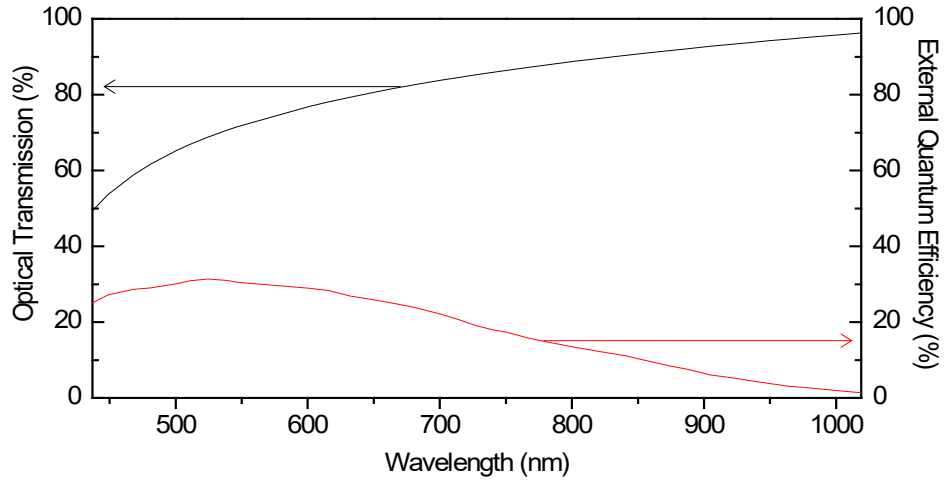
Supported Platform	Windows 7 or above Mac OS El Capitan (version 10.11) or above
Data Collection	iOS 10.0 or above Android 5.0 or above
App	600 points per scan, per light source
Data Points	

## Optical system

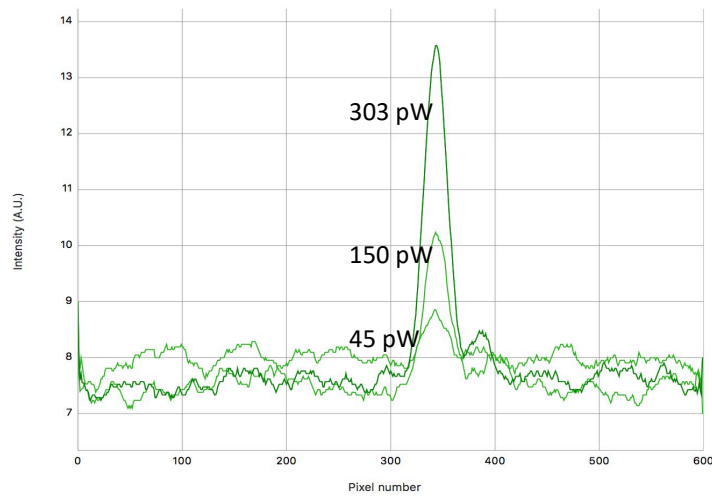
Wavelength	440nm - 1000nm ~ 1nm (@437nm)
Optical Resolution	~ 6.5nm (@546nm) ~ 12nm (@703nm) ~ 44nm (@922nm)
External Quantum Efficiency	~ 30% (@500nm) ~ 29% (@600nm) ~ 22% (@700nm) ~ 13% (@800nm) ~ 6% (@900nm)
Minimum Detectable Optical Power	~ 45pW (@520nm)



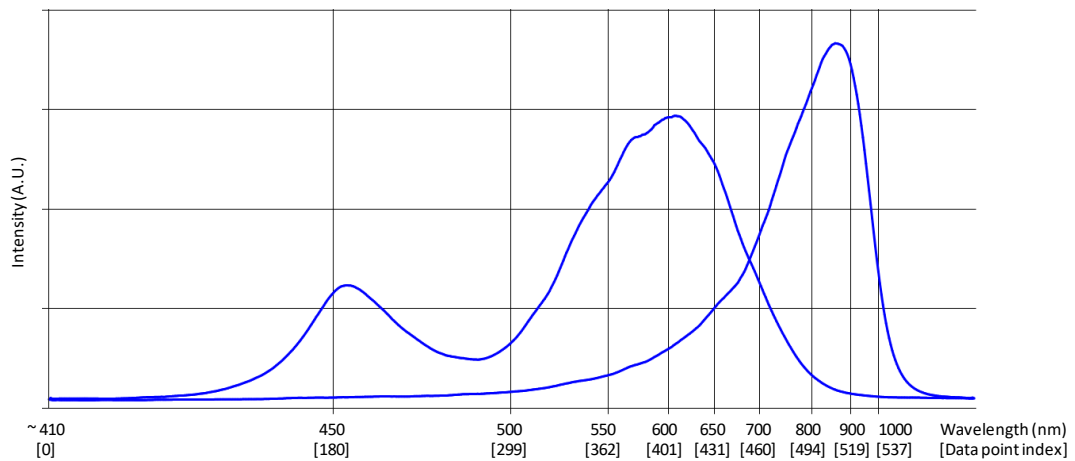
< Atomic lamp spectra measured by LinkSquare >



< Optical Transmission & External Quantum Efficiency >



< Minimum detectable optical power of LinkSquare (520 nm LD) >



< An example graph of the White sample in Palette Demo >